

OFFICIAL
GAZETTE

UNITED STATES
PATENT OFFICE

SEPT. THRU OCT.

VOL 362 - 363

1927

OFFICIAL GAZETTE

OF THE

UNITED STATES PATENT OFFICE

VOLUME 362

SEPTEMBER

1927

UNITED STATES
GOVERNMENT PRINTING OFFICE
WASHINGTON
1927

ADOLPH
H. BROWN
ALABAMA
ST. LOUIS

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ERRATA.

1,641,208, page 73, in the heading, assignment, State of incorporation, for "Michigan" read *Delaware*.
1,641,644, page 166, in the heading, assignment, State of incorporation, for "Wisconsin" read *Delaware*.
VOL. 302.

THE OFFICIAL GAZETTE

OF THE
United States Patent Office.

Vol. 362—No. 1.

TUESDAY, SEPTEMBER 6, 1927.

Price—\$10 per year.

The OFFICIAL GAZETTE is mailed under the direction of the Superintendent of Documents, Government Printing Office, to whom all subscriptions should be made payable and all communications respecting the Gazette should be addressed. Issued weekly. Subscription, \$10.00 per annum; including annual indexes, \$11.50; single numbers, 25 cents each. PRINTED COPIES OF PATENTS are furnished by the Patent Office at 10 cents each. For the latter, address the Commissioner of Patents, Washington, D. C. CIRCULARS OF GENERAL INFORMATION concerning PATENTS or concerning TRADE-MARKS, PRINTS, and LABELS will be sent without cost on request to the Commissioner of Patents, Washington, D. C.

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Total.....	1,345

Notice of Opposition.

U. S. PATENT OFFICE, Washington, Aug. 26, 1927.

Ford Oil Corporation, its assigns or legal representatives, take notice:

On June 10, 1927, upon the petition of the Ford Motor Company, of Highland Park, Mich., an opposition proceeding against the registration of a trade-mark to Jasper N. Thompson, of 5 North Wabash Avenue, Chicago, Ill., was instituted by this Office. The record shows that the Ford Oil Corporation, of Chicago, Ill., was substituted for Jasper N. Thompson, and a notice of such opposition sent to the Ford Oil Corporation at the said address having been returned by the post-office authorities as undeliverable notice is hereby given that unless said Ford Oil Corporation, its heirs, assigns, or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the opposition will be proceeded with as in case of default.

This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

M. J. MOORE,
Assistant Commissioner.

Interference Notices.

U. S. PATENT OFFICE, Washington, Aug. 26, 1927.

Wellesley Malcolm Colborne Baber, his assigns or legal representatives, take notice:

An interference having been declared by this Office between the application for patent of William A. Larned, Summit, N. J., and joint patent granted January 25, 1927, No. 1,615,790, to Oswald Vernon Forbes and Wellesley Malcolm Colborne Baber, 13 Golden Square, London, England, and a notice of such declaration sent by regis-

tered mail to the joint patentee, Baber, at the said address having been returned by the post office as undeliverable notice is hereby given that unless said Baber, his assigns or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the interference will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

M. J. MOORE,
Assistant Commissioner.

U. S. PATENT OFFICE, Washington, Aug. 10, 1927.

Srinivas Ram Wagel, his assigns or legal representatives, take notice:

An interference having been declared by this Office between the application for patent of Lester Kirschbraun, 160 North Wells Street, Chicago, Ill., and a patent granted August 17, 1926, No. 1,596,218, to Srinivas Ram Wagel, Vanderbilt Hotel, New York, N. Y., and a notice of such declaration sent by registered mail to said Wagel at the said address having been returned by the post office as undeliverable, notice is hereby given that unless said Wagel, his assigns or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the interference will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

WM. A. KINNAN,
First Assistant Commissioner.

U. S. PATENT OFFICE, Washington, Aug. 12, 1927.

Original Sample Cloak & Suit Company, its assigns or legal representatives, take notice:

An interference having been declared by this Office between the application of Lord & Taylor, 424 Fifth Avenue, New York, N. Y., for registration of a trade-mark, and trade-mark registered August 10, 1915, No. 105,697, to Original Sample Cloak & Suit Company, of Lyric Theatre Building, Cincinnati, Ohio, and a notice of such declaration sent by registered mail to said Original Sample Cloak & Suit Company at the said address having been returned by the post office as undeliverable, notice is hereby given that unless said Original Sample Cloak & Suit Company, its assigns or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the interference will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

WM. A. KINNAN,
First Assistant Commissioner.

Adverse Decisions in Interference.

In interferences involving the indicated claims of the following patents final decisions have been rendered that the respective patentees were not the first inventors with respect to the claims listed:

Pat. 1,452,214, F. H. Nicholson, Railway-traffic-controlling apparatus, decided June 29, 1927, claim 17.

Pat. 1,592,900, C. A. Noble, Armored transport, decided July 19, 1927, claims 2 and 4.

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126	2. HADEN, C. F., Bee Culture; Dairy; Preserving; Presses; Tobacco.....	Apr. 9	Apr. 12	936
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234	4. MERRITT, A. D., Conveyers; Hoists; Handling Apparatus and Implements, and Pushing and Pulling.....	Jan. 21	Feb. 9	1,721
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318	6. LEWERS, A. M., Chemistry; Chemistry—Carbon Compounds; Substance Preparation.....	Jan. 12	Jan. 28	1,663
106	7. JARBOE, C. G., Amusement and Exercising Devices; Toys; Optics; Photography.....	Mar. 1	Mar. 2	1,414
133	8. HENRY, C. C., Beds; Chairs and Seats; Furniture; Kitchen and Table Articles; Store Furniture.....	Mar. 17	Mar. 30	1,828
221	9. ADAMS, R. E., Pumps; Fluid and Fluid-Current Motors.....	May 25	May 18	843
118	10. HUNTER, O. F., Land Vehicles—Animal Draft Appliances, Bodies and Tops.....	Feb. 26	Mar. 4	1,366
148*	11. ARMSTRONG, H. C., Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Hides, Skins, and Leather Manufactures; Nailing and Stapling; Whip Apparatus; Cutting and Punching Sheets and Bars.....	Apr. 21	Apr. 5	925
380	12. PIERCE, P. P., Machine Elements.....	Feb. 18	Mar. 9	1,298
154*	13. CLIFT, J. W., Bolt, Nail, Nut, Rivet, and Screw Making; Chain, Staple, and Horseshoe Making; Driven, Headed, and Screw-Threaded Fastenings; Gear Cutting, Milling, and Planing; Metal Drawing; Metal Forging and Welding; Metal Rolling; Metal Working; Needle and Pin Making; Turning; Boring and Drilling.....	Mar. 1	Mar. 14	1,537
102*	14. BRUMBAUGH, N. J., Compound Tools; Farriery; Metal Bending; Metal Tools and Implements, Making; Sheet-Metal Ware, Making; Tools; Wire Fabrics and Structure; Wire Working; Metal Working, Assembling, and Blanks and Processes.....	Feb. 25	Mar. 21	1,350
329	15. REDROW, W. L., Glass; Paper Making; Plastic Block and Earthenware Apparatus; Plastics.....	Mar. 10	Mar. 15	1,687
242*	16. SPENCER, C. J., Batteries; Resistances and Rheostats; Telegraphy; Telephony.....	Apr. 6	May 2	808
307	17. RAFTER, G. S., Label Pasting and Paper Hanging; Nut and Bolt Locks; Ornamentation; Paper Manufactures; Printing; Type Casting; Sheet-Metal Associating or Folding; Sheet or Web Feeding or Delivering; Type Setting.....	Mar. 1	Mar. 18	774
229	18. PORTER, M. R., Motors, Expandable-Chamber Type; Power Plants; Speed-Responsive Devices.....	Feb. 26	Feb. 26	1,015
206	19. GLASCOCK, E. S., Furnaces; Heating Systems; Liquid and Gaseous Fuel Burners; Stoves and Furnaces.....	May 14	May 11	1,013
179	20. GROVE, S. D., Miscellaneous Hardware; Closure Fasteners; Locks and Latches; Safes; Undertaking.....	May 2	May 6	1,040
212	21. THURBER, W. L., Winding and Reeling; Textiles; Cloth Finishing.....	Feb. 25	Mar. 22	1,033
244*	22. COLWELL, J. H., Amusement Devices; Games; Firearms, Ordnance, and Explosive Devices; Air Guns, Catapults, and Targets; Boats and Buoys; Ships; Marine Propulsion.....	Feb. 24	Mar. 4	1,089
217	23. GROESBECK, W. D., Coin Handling; Recorders; Registers; Horology; Time-Controlling Mechanism.....	Feb. 23	Feb. 15	920
147*	24. DURAS, C. O., Apparel; Apparel Apparatus; Garment Supporters; Sewing Machines.....	Feb. 3	Feb. 5	1,054
314	25. LIGHTFOOT, J. H., Agitating; Bleaching and Dyeing; Butchering; Classifying Solids; Centrifugal Bowl Separators; Explosive, Pyrotechnic, and Match Compositions; Fertilizers; Mills; Sugar and Starch; Threshing; Vegetable and Meat Cutters and Comminutors.....	Mar. 9	Mar. 8	1,291
228*	26. HODGES, J. S., Electricity, Generation; Motive Power; Prime-Mover Dynamo Plants.....	Feb. 17	Mar. 2	1,012
214	27. ANDERSON, L. S., Brush, Broom, and Mop Making; Brushing, Scrubbing, and General Cleaning; Laundry; Washing Apparatus.....	Apr. 14	Apr. 23	911
225	28. BENSON, A. R., Internal-Combustion Engines.....	Mar. 26	Mar. 28	1,214
160*	29. MORRIS, B. N., Abrading; Button Making; Coopering; Wheelwright Machines; Wood Sawing; Wood Turning; Woodworking; Woodworking Tools.....	Feb. 3	Mar. 2	1,231
248	30. SHIPMAN, J. L., Automatic Temperature and Humidity Regulation; Illuminating Burners; Illumination; Typewriting Machines; Thermostats and Humidistats.....	Feb. 14	Apr. 2	1,108
312	31. HOLMES, W. N., Alcohol; Ammonia, Water, and Wood Distillation; Charcoal and Coke; Gas, Heating and Illuminating; Hydraulic Cement and Lime; Mineral Oils; Oils, Fats, and Glue.....	Feb. 25	Feb. 23	1,761
349	32. BARTHOLOMEW, J. A., Gas and Liquid Contact Apparatus; Heat Exchange; Gas Separation.....	Mar. 28	Apr. 2	1,271
152	33. WYMAN, W. I., Bridges; Hydraulic and Earth Engineering; Masonry and Concrete Structures; Metallic Building Structures; Roads and Pavements; Roofs; Wooden Buildings.....	May 11	May 6	1,540
304	34. SIMPSON, G. R., Electricity-Transmission to Vehicles; Pneumatic Dispatch; Railways, Rolling Stock, Switches, and Signals; Store Service; Vehicle Fenders.....	Feb. 23	Feb. 7	1,020
116*	35. REYNOLDS, E. C., Buckles, Buttons, Clasps, Etc.; Card, Picture, and Sign Exhibiting; Signals and Indicators; Toilet.....	Apr. 30	Apr. 19	1,188
105	36. MORTON, G. L., Automatic Weighers; Geometrical and Measuring Instruments; Force Measuring.....	May 9	May 10	1,109
324*	37. WEAVER, M. E., Electricity, Circuit Makers and Breakers.....	Feb. 15	Mar. 3	1,573
145	38. KRAFFT, C. F., Animal Husbandry; Earth Boring; Fishing, Trapping, and Vermin Destroying; Mining, Quarrying, and Ice Harvesting; Stoneworking; Wells.....	Apr. 11	May 2	1,129
220	39. COWLES, A. W., Fluid-Pressure Regulators; Multiple Valves; Valves; Water Distribution.....	Apr. 6	Mar. 8	892
269	40. OBERLIN, J. J., Baggage; Bottles and Jars; Package and Article Carriers; Receptacles.....	Feb. 14	Mar. 17	2,350
125	41. BROWN, J. I., Land Vehicles, Wheels, and Axles; Resilient Tires and Wheels; Wheel Substitutes.....	Mar. 12	Mar. 30	850
223*	42. CUTTING, H. O., Electrical Conduits and Housings; Electric Signaling.....	Feb. 14	Feb. 12	1,544
124*	43. HOPKINS, F. M., Baths, Closets, Sinks, and Splttoons; Sewerage; Electricity, Medical and Surgical; Medicines; Surgery; Dentistry; Artificial Body Members; Railway Draft Appliances.....	Apr. 7	Apr. 2	1,154
253	44. SHAFER, C. H., Dispensing; Dispensing Beverages; Filling and Closing Portable Receptacles; Refrigeration.....	Feb. 8	Feb. 24	1,255
379	45. GILES, A. H., Pulleys and Shafting; Lubrication; Machine Elements; Bearings and Guides.....	Apr. 11	Apr. 18	975
253	46. WOLCOTT, C. L., Concentrating Evaporators; Fluid Sprinkling, Spraying, and Diffusing; Fire Extinguishers; Liquid Heaters and Vaporizers.....	Mar. 10	Mar. 10	1,032
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213*	48. ROEPKE, O. B., Electricity, General Applications.....	Mar. 4	Mar. 4	1,106
239	49. EDINBURG, F. P., Check-Controlled Apparatus; Domestic Cooking Vessels; Fuel and Igniting Devices; Ventilation; Velocipedes; Driers; Liquid Separation or Purification.....	Feb. 28	Mar. 8	1,149
322	50. BLAKE, C. L., Plastic and Liquid Coating Compositions; Coating; Laminated Fabrics.....	Apr. 2	Apr. 2	1,728
240*	51. BACKUS, C. D., Radiant Energy, Wave Transmission.....	Feb. 3	Feb. 1	1,558
144	52. MORGAN, E. T., Supports; Chucks; Fire Escapes; Ladders; Scaffolds; Railway Mail Delivery; Joint Packing; Pipe and Rod Joints or Couplings; Tool-Handle Fastenings.....	Apr. 15	Apr. 15	1,238
309	53. PECK, M. K., Books; Manifold; Printed Matter; Stationery; Educational Appliances; Paper File and Binders; Tents, Canopies, Umbrellas, and Canes; Curtains, Shades, and Screens.....	Apr. 19	Apr. 20	1,260
241*	54. LANE, C. H., Electric Lamps; Conductors; Vapor-Electric Devices; Space Discharge Tubes.....	Dec. 27	Dec. 31	1,930
102	55. RICHARD, V. I. (Acting).....	Feb. 4	Feb. 26	712
163	TRADE-MARKS, LABELS, AND PRINTS: F. A. RICHMOND (Trade-Marks and Prints).....	July 14	July 28	623
		July 27	Aug. 12	1,625
		Aug. 1	Aug. 9	236

* Refers to room numbers in the annex.

DECISIONS IN PATENT AND TRADE-MARK CASES.

Commissioner's Decisions.

EX PARTE LOTZ.

Decided October 29, 1925.

1. APPLICATIONS—COPENDING—LATER ENTITLED TO EARLIER AS TO DATE OF COMMON SUBJECT MATTER. Where a party files two copending applications having somewhat different disclosures, Held that the effective filing date, as to the invention defined by the claims in the second case not limited to the differences but broad enough to read on both, is the filing date of the earlier application.

2. SAME—SAME—SAME.

Where claims were copied by L. from a later patent to M. granted on an application copending with that of his earlier patent, Held that, as the claims are not limited to the features of difference but clearly read on the disclosure of the earlier application, they were properly refused to L. in the absence of proof of invention prior to the filing date of M.'s earlier application.

[Affirmed by the Court of Appeals of the District of Columbia—O. G.—.]

APPEAL from Examiners in Chief.

Application for patent for method of and means for burning pulverulent fuels.

Mr. Albert Lynn Lawrence for the applicant.

KINNAN, First Assistant Commissioner:

This is an appeal from the decision of the Examiners in Chief, affirming the Primary Examiner, denying patentability to claims 14 to 21, inclusive.

Applicant alleges that the Examiners in Chief erred in holding that the corresponding claims of the patent to Muhlfeld et al., No. 1,460,916, were properly divisible from their application of February 5, 1918.

Claims 14 and 20, which are representative of the above group are as follows:

14. The process of burning pulverized coal in a combustion chamber having an outlet in an upper part thereof which consists in admitting the fuel in a downward direction adjacent a wall thereof, in substantially completing combustion within the chamber, and in drawing off the gaseous products of combustion through said outlet at such a rate as to produce stream line combustion of the fuel with a reverting U-shaped fuel and flame stream in which the descending portion is subjected to the heat of the ascending portion.

20. The process which consists in admitting pulverized fuel in a combustion chamber having an outlet in an upper part thereof, in a downward direction adjacent a wall of the chamber and burning it with a reverting U-shaped fuel and flame stream, and in admitting air for combustion near the entering fuel but at lower velocity than that of the fuel so that the fuel flows past or through a slower moving body of air.

The references cited are: Muhlfeld, 1,460,916, July 3, 1923, filed Apr. 7, 1921, considered as a division of a parent application which is now patent to Muhlfeld et al., 1,441,703, Jan. 9, 1923, filed Feb. 5, 1918.

The disclosure in the original application of Muhlfeld describes admitting the fuel stream at a relatively high velocity by means of air under pressure, which mixture of fuel and air is again surrounded by additional air. The process of combustion is aided by the air admitted through the transverse openings 14. This burning mixture impinges upon the wall 16 and is deflected toward the rear

wall 19 of the furnace which directs the flame stream upwardly. The air admitted through openings 14 is described as thoroughly mixing with the fuel and air and exerting a change in direction of the flame stream so that it impinges upon the entire surface of the wall 16.

In the alleged division of the parent application it is stated that more efficient results are obtained by introducing the fuel less forcibly since the forcible admission causes the formation of slag. It is also stated that complete combustion is obtained and other advantages follow from this change in the method, such as the greater life of the walls of the furnace since there is no forcible impingement of the flames on the walls. Thus there is clearly described a distinct difference in the method of burning so far as it relates to the impact of the flame on the target wall of the furnace.

Since in the parent application there is such impact there can not be any material envelope of air between the flame and said target.

The claims copied from the patent are all process claims, which process was divided out of the parent application of Muhlfeld. These claims are for divisional subject matter so far as such matter is disclosed in said parent application.

The difference between the disclosure in the two cases is that in the parent case the flame impinges directly against the wall 16 while in the divisional application there is a layer, or envelope of air between the flame and said wall.

None of the appealed claims, however, include this blanket or sheath of air between the flame and the wall or on the convex side of said flame. For this reason it is considered clear that all of the appealed claims properly read on the parent application.

Applicant alleges in his brief that the original Muhlfeld patent does not have a "stream line combustion," although he admits that both patents have "flame stream combustion" but of a different character. While the fuel and air in the original patent impinges much more forcibly on the target wall of the furnace, the general direction of the burning stream of fuel is the same and no reason is seen why the term "stream line combustion" does not properly apply to both devices.

Applicant also contends in his brief that the expression—

a reverting U shaped fuel and flame stream in which the descending portion is subjected to the heat of the ascending portion

is not warranted by the parent application of Muhlfeld since the stream is *deflected* and not *reverted* in said patent.

It is thought that this contention is not correct since "reverting" in its general sense means to turn back irrespective of the means used to accomplish this change of direction. The general direction of the flame stream is the same in both patents.

It is believed that the above expression is fully warranted by the parent application of Muhlfeld. The decision of the Examiners in Chief is affirmed.

Applicant petitions that the Examiner in charge of this application be advised that the requested interference be declared and that the formal requirements of record should be waived.

For the reasons above set forth the petition is denied, except as to the claims adjudicated and found allowable by the Examiners in Chief.

EX PARTE AU.

Decided April 1, 1926.

1. INVENTION—SUBSTITUTION OF ELEMENTS IN OLD COMBINATION.

The general combination recited in the claim being old, as shown, in the patent to S., except that the patent discloses a slip-joint connection instead of a universal connection, and the two forms of connections being old in analogous relations, as shown in other patents, Held that the mere substitution of one old element for another in the old combination does not amount to invention.

2. SAME—MAKING ELEMENT READILY REMOVABLE.

Mere removability of an element is not patentable, even though said element may be "readily removable," but invention may be involved in the means by which the element may be removed.

[Note.—This application has resulted in Patent No. 1,609,008, November 30, 1926.]

APPEAL from Examiners in Chief.

Application for patent for recorders filed November 4, 1921, Serial No. 512,833.

Messrs. Mauro, Cameron, Lewis & Kerkam for the applicant.

MOORE, Assistant Commissioner:

This is an appeal from the decision of the Examiners in Chief affirming the decision of the Examiner finally rejecting claims 1, 2, 19, 20, 29, and 30, of which claims 1 and 19 may be quoted for illustrative purposes:

1. In a recorder for recording a variable force or movement, the combination with recording means, of a record sheet, a timing mechanism comprising a driving roll for said sheet and a clockwork escapement, and a universal connection between said roll and escapement.
19. In a recorder for recording a variable force or movement, the combination of a stock or feed roll carrying a record-sheet wound thereon, a time-controlled mechanism for unwinding said sheet, and means actuated by the variant for tracing a record line on the sheet before it leaves said roll.

The references relied upon in support of the rejection of the appealed claims are: Mason, No. 785,516, March 28, 1905; Lawrence, No. 1,054,849, March 4, 1913; Denton, No. 1,074,600, October 7, 1913; Bryce, No. 1,116,872, November 10, 1914; Farstad et al., No. 1,118,849, November 24, 1914; Stevens, No. 1,163,279, December 7, 1915; Daniels et al., No. 1,280,175, October 1, 1918; Sheras, No. 1,332,900, March 9, 1920; Agranat, No. 1,338,413, April 27, 1920; Rlicker (German), No. 297,801, May 19, 1917; Long, No. 245,080, August 2, 1881; Friez, No. 681,536, August 27, 1901.

The invention is an improvement on the water-stage recorder disclosed in the Stevens patent. The two recorders comprise the same essential elements and operate on the same general principle.

The appellant in his brief refers to the Stevens recorder as—

a well known recorder in practical use in this country and recognized as the best recorder.

The appellant contends that "the defects of and objections to this recorder were recognized for years;" that "the U. S. Geological Survey, probably the largest user of such recorders in this country, was continually seeking to overcome these objections and to remedy these defects, but without avail;" that "after months of effort by applicant, the problem was solved by applicant to the entire satisfaction of the experts of the Geological Survey, and they discarded the old Stevens machine and adopted the new Au machine immediately upon its advent." And from these premises the appellant argues that "nothing could be more convincing of the proposition as to whether or not invention was involved than this act of these thoroughly trained experts."

The record shows that the Examiner discovered patentable novelty in Au's improvement, as evidenced by the allowance of 24 of the appellant's 30 claims. The Examiner, therefore, has not denied Au's right to a patent for his improvement. His contention is that the appealed claims, which admittedly are broad, fail to distinguish Au's invention in patentable respects from the cited patents. The fact that Au's recorder involves patentable matter and that the trained experts of the Geological Survey have adopted it to the exclusion of the Stevens recorder is not convincing of the proposition that any claim that may be drawn upon Au's disclosures is patentable.

The question for decision, as propounded by the appellant, is—

whether it involved invention or one of expected skill of the calling to so change the construction of the Stevens patent as

(a) To render the timing escapement "readily removable" (claims 29 and 30);

(b) Introduce a universal connection between the driving roll and the timing escapement (claim 1);

(c) A removably mounted clockwork escapement connected with the driving roll by means of a universal connection, one member of which is operatively connected with the roll and the other to said escapement (claim 2).

[1] As to claim 1, Stevens clearly discloses a recorder for recording a variable force or movement, comprising the combination, with a recording means, of a record sheet, a timing mechanism comprising a driving roll for said sheet and a clockwork escapement, and a connection between said roll and escapement. Stevens discloses a slip-joint connection between said roll and escapement by which the parts may be readily separated, but he does not disclose a universal connection. Stevens states:

This drum 13 is supported at one end in an upright 24, and at the other end in a recess 25, formed in the end of the clock shaft mechanism. A set screw 26 couples the end of the drum shaft and the clock shaft together, thus imparting to the drum the exact speed of the clock.

The question for decision, therefore, is whether it involved invention to substitute a universal connection of any kind or form for the slip-joint connection of Stevens. But both forms of connection are old in analogous relations, as shown by the cited patents (Stevens, Bryce, Agranat, Sheras,

Denton, Farstad et al., Lawrence, Daniels et al.), and it is a well-settled principle of the law of patents that the mere substitution of one old element for another in an old combination is devoid of invention. In *North Jersey St. Ry. Co. v. Brill* (184 F. R. 580) it was stated that the evidence fairly led to the conclusion that the patentee took the combination of Thyng's patent, but instead of using the form of link of that patent substituted therefor another old form of link—namely, an elastic or spring-controlled link—the character and function of which were well understood in the art, and which had been commonly used for the same or analogous purposes; and while this substitution may have secured better results it did not involve invention. In reaching this conclusion the court followed the familiar rule laid down by the Supreme Court in *Smith v. Nichols* (21 Wall. 112):

But a mere carrying forward or new or more extended application of the original thought, a change only in form, proportions or degree, the substitution of equivalents, doing substantially the same thing in the same way by substantially the same means with better results, is not such invention as will sustain a patent.

It is observed in connection with claim 1 that the claim does not include the readily-separable feature of the universal connection on which the appellant lays stress. This feature, however, is common, as evidenced by the cited patents.

[2] Claims 2, 29, and 30 are regarded as devoid of patentability in view of the references and reasons noted in connection with claim 1. These claims depend for their patentability on the readily-removable characteristic of the timing escapement. It may be stated as a general proposition that in view of the present state of the art mere removability of an element is not patentable, even though said element may be "readily removable." Invention may be involved in the means by which the element may be removed. In most of the cited patents means are disclosed by which the timing escapement may be readily connected to or disconnected from the time-controlled mechanism.

Claims 19 and 20 depend for their patentability over the Stevens patent in the arrangement of the recording instrument whereby the record line is traced on the sheet while the sheet is on the stock or feed roll.

It is common practice to arrange the recording instrument so as to trace the record line on the sheet while the sheet is on the stock roll, as shown by Long, Friez, Lawrence, and Mason. Mason proposes to wind the sheet from the stock roll to the record roll and to trace the record line on the sheet while on the stock roll, as required by these claims. It is true that Mason's device as disclosed is rendered inoperative by the use of the gear wheels 37 and 38. It is believed, however, that the skilled mechanic, familiar with this art, would have no difficulty in avoiding the inoperative features of the Mason patent. In fact, Mason states that—

the arrangement of the spools 36 and 40 is the usual one whereby a sheet of paper or other material suitably marked with indicating lines is reeled off from one spool and wound up on the other.

The patent to Snyder, No. 932,825, may be referred to as showing the usual arrangement of the stock and record rolls. In this patent the record line is made on the stock roll.

In view of the suggestions in the cited patents it is believed that no invention was involved in arranging Stevens's marker so as to act upon the sheet while on the stock roll (12) rather than when on the drum 13. A mere difference in the arrangement of parts is not patentable.

The conclusion reached by the Examiners in Chief is believed to be without error, and their decision is accordingly affirmed.

Court of Appeals of the District of Columbia.

IN RE LOTZ.

No. 1977. Decided March 7, 1927.

[For Commissioner's decision see p. 3, O. G.]

APPEAL from the Patent Office. Affirmed.

Mr. A. L. Lawrence for Lotz.

Mr. T. A. Hostetler for Commissioner of Patents.

Before MARTIN, Chief Justice, ROBB, Justice, and GRAHAM, Presiding Judge U. S. Court of Customs Appeals.

ROBB, J.:

Appeal from a decision of the Patent Office tribunals refusing certain claims of an application for patent covering a process for burning pulverized coal.

We have carefully reviewed the decisions of the tribunals below, in connection with the brief and argument of counsel for appellant, and, finding no error, affirm the decision from which this appeal was taken.

Affirmed.

Patent Suits.

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922.]

971,838, W. M. Fulton, Process of making tubular metal walls, filed May 13, 1927, D. C., N. D. Ohio (E. Div.), Doc. 2236, *The Fulton Co. v. The Bishop & Bobcock Mfg. Co.*

1,007,647, C. R. Darnall, Process of purifying water and sewage, appeal filed May 11, 1927, 2d Cir., Doc. 9657, *Wallace & Tiernan, Inc., v. Village of Le Roy*. Decree affirmed (notice dated July 5, 1927).

1,019,042, A. Gundersen, Pile, filed July 30, 1927, D. C., N. D. Ill. (E. Div.), Doc. 7246, *Raymond Concrete Pile Co. v. Western Foundation Co.*

1,056,498, C. C. Buckels, Outlet-box support, filed Oct. 11, 1926, D. C., S. D. Calif. (S. Div.), Doc. E K-109-H, *Roach Appleton Mfg. Co. v. Safety Electric Products Co.* Decree for plaintiff, adjudging infringement of claims 1, 3, 4, 5, and 6, May 17, 1927.

1,090,776, H. H. Boyce, Indicating system and apparatus for internal-combustion engines, filed June 14, 1927, D. C., N. D. Ill. (E. Div.), Doc. 7196, *H. H. Boyce et al. v. Gambill Motor Co.* Doc. 7197, *H. H. Boyce et al. v. Acorn Tire & Rubber Co. et al.*

1,102,152, P. Jones, Process of pumping oil wells, filed July 8, 1927, D. C., W. D. Okla. (Guthrie), Doc. E 870, *Jones McLaughlin, Inc., v. Amerada Petroleum Corp.*

1,170,478, E. Cocks, Door bed, filed Apr. 7, 1925, D. C., S. D. Calif. (S. Div.), Doc. 1-115-M, *E. Cocks et al. v. Sinclair et al.* Dismissed July 1, 1927.

1,177,697. L. Gaumont, Developing and fixing photographic films and prints, filed July 12, 1927, D. C., S. D. Calif. (Los Angeles), Doc. E M-47-M, *Paramount Famous Lasky Corp. v. C. Bennett Film Laboratories*.

1,187,914. C. W. Kirsch, Curtain rod, filed Nov. 15, 1926, D. C., N. D. Ohio (E. Div.), Doc. 2053, *Kirsch Mfg. Co. v. Muntz Mfg. Co.* Dismissed July 7, 1927.

1,235,657. W. H. Coles, Pipe coupling for irrigating systems, filed May 22, 1924, D. C., W. D. Mich. (S. Div.), Doc. 2011, *The Skinner Irrigating Co. v. March Automatic Irrigation Co.* Consent decree finding validity and infringement (notice dated July 5, 1927).

1,242,983. A. M. Rossi, Stone-sawing machine, filed July 19, 1927, D. C. Vt. (Burlington), Doc. 98, *A. M. Rossi v. W. Barclay*.

1,247,335. H. W. Russ, Wood-heel-turning machine, filed July 14, 1927, D. C. Mass. (Boston), Doc. E 2838, *United Shoe Machinery Corp. v. Globe Leather Co., et al.*

1,263,245. G. C. Hester, Store front construction, filed June 7, 1927, D. C., N. D. Ill. (E. Div.), Doc. 7163, *Brasco Mfg. Co. v. Anco Mfg. Co.*

1,301,029. I. McC. Bean, Shower-bath cabinet, filed June 18, 1927, D. C., N. D. Ill. (E. Div.), Doc. 7211, *American Metallic Shower Bath Co. et al. v. Elkey Mfg. Co.*

1,395,694. W. Allinson, Apparatus for purifying gasoline, 5th Cir. (St. Louis), Doc. 7603, *Allinson Mfg. Co. v. Ideal Filter Co.* Decree affirmed July 2, 1927.

1,423,829. J. Carlson, Cap, filed Apr. 6, 1927, D. C., S. D. N. Y., Doc. E 41/120, *J. Carlson v. A. Greenstein et al. (Greenstein & Josephson)*. Consent decree July 5, 1927, for plaintiff.

1,447,090. J. E. Langsdorf, Necktie, 6th Cir., Doc. 4547, *B. Forchheimer et al. v. Franc, Strohmenger & Coucan, Inc.* Patent held invalid June 30, 1927.

1,473,638. G. L. Moore, Recoil check, filed June 27, 1927, D. C., N. D. Ill. (E. Div.), Doc. 7226, *G. L. Moore v. Chicago Roller Skate Co.*

1,491,962. E. T. Moody, Positioning apparatus for head lights, filed Nov. 18, 1925, D. C., S. D. Calif. (Los Angeles), Doc. J-82-H, *Moody Chart Co., Inc. v. F. A. Pim*. Dismissed April 12, 1927.

1,520,865. B. F. W. Heyer, Apparatus and meter for testing batteries, filed June 9, 1927, D. C. N. J. (Trenton), Doc. E 2722, *Heyer Products Co. v. Forest Electric Co. et al.*

1,591,235. H. Rodman, Method of making activated carbon, filed July 6, 1927, Court of Claims, Doc. H 280, *Rodman Chemical Co. et al. v. The United States*.

1,603,432. J. N. Warren, Vacuum tube circuit, filed July 19, 1927, D. C., W. D. N. Y., Doc. E 1139-F, *Radio Frequency Laboratories, Inc. v. Federal Radio Corp.*

1,611,466. Lewis & Murray, Steaming tube for hair waving, filed July 7, 1927, D. C., N. D. Ohio (E. Div.), Doc. 2354, *The Le Mur Co. v. K. Masterson*. Doc. 2355, *The Le Mur Co. v. D. V. Ellsworth (The Ohio School of Cosmetic Therapy)*. Same, filed Jan. 8, 1927, D. C., N. D. Ohio (E. Div.), Doc. 2098, *The Le Mur Co. v. C. O. Darling (Titus Hair-cutting & Beauty Shoppe)*. Patent held valid and infringed July 11, 1927.

1,613,055. G. I. Ray, Composition for stopping leaks in hot water circulating systems, filed Mar. 29, 1927, D. C. N. J. (Trenton), Doc. E 2522, *G. I. Ray et al. v. A. C. Demarest et al.* Decree for injunction only. June 17, 1927. Same, filed June 20, 1927, D. C. N. J. (Trenton), Doc. E 2736, *G. I. Ray et al. v. H. W. Buhot et al.*

1,617,094. C. Atherton, Remote-control valve, filed May 7, 1927, D. C., S. D. Calif. (Los Angeles), Doc. L-110-H, *Hy-Lo Unit & Metal Products Co. v. Payne Furnace & Supply Co., Inc., et al.*

1,622,617. T. B. Thurman, Hinge, filed July 16, 1927, D. C. Kans. (Topeka), Doc. 888-N, *The Thurman Mfg. Co. v. The Richards Mfg. Co.*

1,624,146. F. Oliver, Core drill, filed May 12, 1927, D. C., S. D. Calif. (Los Angeles), Doc. L-120-M, *Elliott Core Drilling Co. v. H. C. Smith*. Same, filed May 13, 1927, D. C., S. D. Calif. (Los Angeles), Doc. L-124-J, *Elliott Core Drilling Co. v. Oil Well Core Drilling Co.*

1,627,543. R. Loeb, Ornamental-fabric structure, filed July 8, 1927, D. C., S. D. N. Y., Doc. E 42/194, *Loeb & Wasch Co., Inc. v. Corona Lace Mills, Inc.*

Re. 15,483. R. J. Soutullo, Bottle refrigerator, filed May 31, 1927, D. C., N. D. Ohio (E. Div.), Doc. 2282, *The Liquid Carbonic Corp. et al. v. A. R. White (The Best-Way Appliance Co.)*. Held valid and infringed (notice dated July 20, 1927).

Re. 15,895. Lindsay & Hemphill, Air-agitating tube for refrigerating system, filed May 18, 1925, D. C., W. D. S. C. (Greenville), Doc. E 133, *Frick Co. v. R. F. Lindsay (Lindsay Mfg. Co.) et al.* Dismissed July 14, 1927.

Re. 16,013. R. P. Simmons, Electric-hair waver, filed April 18, 1925, D. C., N. D. Ohio (E. Div.), Doc. 1422, *R. P. Simmons v. The Rogers Electric Laboratories Co.* Dismissed without prejudice May 2, 1927.

Des. 59,923. H. A. Phillips, Lace, filed Feb. 21, 1925, D. C., S. D. N. Y., Doc. E 31/192, *The American Fabrics Co. v. Richmond Lace Works & Lace Selling Co.* Dismissed on the merits July 9, 1927.

Des. 60,878. Pardee, Dewire & Supoter, Radiator cap, filed Apr. 16, 1925, D. C., N. D. Ohio (E. Div.), Doc. 1418, *Miller & Pardee, Inc. v. The F. B. Stearns Co.* Dismissed without prejudice June 30, 1927.

Adjudicated Patents.

(C. C. A. Ga.) The White patent, No. 1,076,617, for spiral casing for hydraulic turbines, claims 1-6 Held valid and infringed. *Allis-Chalmers Mfg. Co. v. Columbus Electric & Power Co.*, 19 F. (2d) 880.

(C. C. A. Mo.) The Finch and Meston patent, No. 1,256,121, for oscillating mechanism for electric fans, claims 1-4 Held valid and infringed. *Galvin Electric Mfg. Co. v. Emerson Electric Mfg. Co.*, 19 F. (2d) 885.

(D. C. and C. C. A. Ill.) The Gullborg patent, No. 1,307,733, for lubricating device, claims 3, 4, and 5 Held valid and infringed. *Larkin Automotive Parts Co. v. Bassick Mfg. Co.*, 19 F. (2d) 939 and 944.

(C. C. A. Del.) The Gullborg patent, No. 1,307,733, for lubricating apparatus, claims 3, 4, and 5 Held infringed. (D. C.) *Bassick Mfg. Co. v. Standard Products Mfg. Co.*, 19 F. (2d) 937.

(D. C. and C. C. A. Ill.) The Gullborg patent, No. 1,307,734, for lubricating system, claims 1, 2, and 6 Held valid and infringed. *Bassick Mfg. Co. v. Larkin Automotive Parts Co.*, 19 F. (2d) 939 and 944.

(C. C. A. Del.) The Gullborg patent, No. 1,307,734, for lubricating means, claims 1, 2, 4, 8, and 12 Held infringed. (D. C.) *Bassick Mfg. Co. v. Standard Products Mfg. Co.*, 19 F. (2d) 937.

(D. C. and C. C. A. Ill.) The Zerk patent, No. 1,475,980, for lubricating system, claims 2, 3, and 5 Held valid and infringed. *Larkin Automotive Parts Co. v. Bassick Mfg. Co.*, 19 F. (2d) 939 and 944.

Trade-Marks Canceled.

169,861. Insecticide and disinfecting deodorant. Theodore Meyer, Philadelphia, Pa. Registered July 3, 1923. Canceled August 13, 1927.

169,895. Insecticide. Theodore Meyer, Philadelphia, Pa. Registered July 3, 1923. Canceled August 13, 1927.

202,181. Hair lotion and hair-fixing solution. Joseph S. Cutrona, doing business as Gold Seal Specialty Co., Buffalo, N. Y. Registered August 18, 1925. Canceled August 13, 1927.

218,402. Advertising-display stands. The Viking Tool and Machine Co., Inc., Brooklyn, N. Y. Registered September 28, 1926. Canceled August 13, 1927.

TRADE-MARKS

OFFICIAL GAZETTE, SEPTEMBER 6, 1927.

[Vol. 362, No. 1.]

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication.

Marks applied for "under the ten-year proviso" are registrable under the provision in clause (b) of section 5 of said act as amended February 18, 1911.

As provided by section 14 of said act, a fee of ten dollars must accompany each notice of opposition.

CLASS 1.

RAW OR PARTLY-PREPARED MATERIALS.

Ser. No. 247,647. UNITED FUEL & SUPPLY COMPANY, Detroit, Mich. Filed Apr. 18, 1927.

UNITED

Particular description of goods.—Coal, Charcoal, Coke, and Wood, Balanced Stone Aggregate, Pebble Aggregate, and Sand.

Claims use since about May 1, 1926.

Ser. No. 248,846. GERHARD A. KLEIN, Los Angeles, Calif. Filed May 11, 1927.



The words "Brand" and "Seeds" are disclaimed apart from the other features of the mark shown in the drawing.

Particular description of goods.—Lawn, Grass, or Clover Seed Intended for Planting of Golf Courses and Lawns.

Claims use since Jan. 1, 1924.

Ser. No. 250,334. WEST VIRGINIA COAL CO. OF MO., St. Louis, Mo. Filed June 10, 1927.



Exclusive use of the word "Coal" is disclaimed.

Particular description of goods.—Coal.

Claims use since Nov. 28, 1926.

Ser. No. 250,691. HARRIS AND TIPOGRAPH, INC., New York, N. Y. Filed June 17, 1927.

Silkaf

Particular description of goods.—Hat and Cap Leather. Claims use since Feb. 15, 1927.

Ser. No. 251,487. THE CONSOLIDATION COAL COMPANY, New York, N. Y. Filed July 5, 1927.

MOUNTAINEER

Particular description of goods.—Coal. Claims use since July 1, 1927.

CLASS 2.

RECEPTACLES.

Ser. No. 251,521. ROBERT F. SYCLE, doing business as United Paper Company, Richmond, Va. Filed July 5, 1927.

Rebel-land

Particular description of goods.—Paper Bags.
Claims use since June 15, 1927.

CLASS 4.

ABRASIVE, DETERGENT, AND POLISHING MATERIALS.

Ser. No. 214,557. THE MIRACLEAN COMPANY, Canton Ohio. Filed May 19, 1925.

Miraclean

CLEAN AS A BREATH OF SPRING

No claim is made to the words "Clean as a Breath of Spring" apart from the mark shown.

Particular description of goods.—Hydrocarbon Cleaning Solution for the Removal of Stains, Spots, and Foreign Substances from Clothing, Textiles, Leathers, Etc.
Claims use since July 12, 1924.

Ser. No. 234,782. LA SOCIETE DES SAVONS FRANCAIS, Paris, France. Filed July 20, 1926.

MONSAVON

No claim is made to the word "Savon" apart from the mark as shown.

Particular description of goods.—Toilet Soap.
Claims use since Dec. 30, 1925.

Ser. No. 242,109. PAUL PETER MÜLHENS, doing business as Die Eau de Cologne- & Parfümerie-Fabrik "Glockengasse No. 4711" gegenüber der Pferdepost von Ferd. Mühlens, Cologne-on-the-Rhine, Germany. Filed Dec. 29, 1926.

Mistral

Particular description of goods.—Soaps. Including Toilet Soaps and Shaving Sticks.
Claims use since June, 1920.

Ser. No. 242,110. PAUL PETER MÜLHENS, doing business as Die Eau de Cologne- & Parfümerie-Fabrik "Glockengasse No. 4711" gegenüber der Pferdepost von Ferd. Mühlens, Cologne-on-the-Rhine, Germany. Filed Dec. 29, 1926.

Gabi

Particular description of goods.—Soaps. Including Toilet Soaps and Shaving Sticks.
Claims use since July, 1924.

Ser. No. 242,112. PAUL PETER MÜLHENS, doing business as Die Eau de Cologne- & Parfümerie-Fabrik "Glockengasse No. 4711" gegenüber der Pferdepost von Ferd. Mühlens, Cologne-on-the-Rhine, Germany. Filed Dec. 29, 1926.

Jaspis

Particular description of goods.—Soaps. Including Toilet Soaps and Shaving Sticks.
Claims use since February, 1924.

Ser. No. 242,113. PAUL PETER MÜLHENS, doing business as Die Eau de Cologne- & Parfümerie-Fabrik "Glockengasse No. 4711" gegenüber der Pferdepost von Ferd. Mühlens, Cologne-on-the-Rhine, Germany. Filed Dec. 29, 1926.

Nenita

Particular description of goods.—Soaps. Including Toilet Soaps and Shaving Sticks.
Claims use since October, 1913.

Ser. No. 242,114. PAUL PETER MÜLHENS, doing business as Die Eau de Cologne- & Parfümerie-Fabrik "Glockengasse No. 4711" gegenüber der Pferdepost von Ferd. Mühlens, Cologne-on-the-Rhine, Germany. Filed Dec. 29, 1926.

Revue

Particular description of goods.—Soaps. Including Toilet Soaps and Shaving Sticks.
Claims use since January, 1924.

Ser. No. 242,115. PAUL PETER MÜLHENS, doing business as Die Eau de Cologne- & Parfümerie-Fabrik "Glockengasse No. 4711" gegenüber der Pferdepost von Ferd. Mühlens, Cologne-on-the-Rhine, Germany. Filed Dec. 29, 1926.

Gral

Particular description of goods.—Soaps. Including Toilet Soaps and Shaving Sticks.
Claims use since June, 1920.

Ser. No. 244,148. FRANK JACKSON CO., Chicago, Ill. Filed Feb. 10, 1927.



Priscilla

Particular description of goods.—Shoe Dressing and Polishes.
Claims use since Oct. 15, 1926.

Ser. No. 248,736. WM. WALTKE & CO., St. Louis, Mo. Filed May 9, 1927.

WATEX

Particular description of goods.—Soap in Cake, Flake, Powder, and Liquid Form, Soap Chips, Washing Fluid.
Claims use since about Apr. 25, 1927.

Ser. No. 250,150. ZOPHAR MILLS, INC., Brooklyn, N. Y. Filed June 7, 1927.

PYCNOLEUM

Particular description of goods.—Belt Dressing and Belt Reclaimers.
Claims use since March, 1925.

Ser. No. 250,354. H. TH. BOHME A. G., Chemnitz, Germany. Filed June 11, 1927.

Benso

Particular description of goods.—Soap Preparations.
Claims use since May 25, 1914.

Ser. No. 252,379. THE GREAT AMERICAN TEA CO., New York, N. Y. Filed July 21, 1927.

Amert

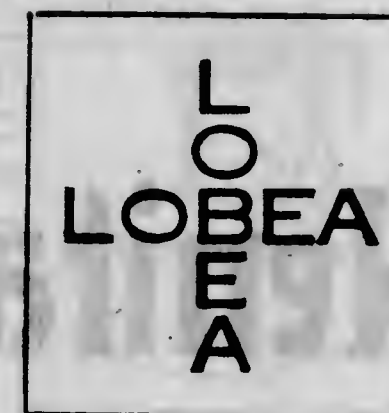
Particular description of goods.—Vegetable-Oil Soap.
Claims use since January, 1926.

Ser. No. 252,390. WINTON LANSING, Appleton, Wis. Filed July 21, 1927.

SILVERBEAM

Particular description of goods.—Reflector Polish.
Claims use since Apr. 1, 1927.

Ser. No. 252,434. LOBEA PRODUCTS CO., Jackson, Mich. Filed July 22, 1927.



Particular description of goods.—Powdered Hand Soap.
Claims use since June 15, 1927.

Ser. No. 252,522. PEP MANUFACTURING CO., New York, N. Y. Filed July 25, 1927.

Hando

Particular description of goods.—Powdered Hand Cleansers.
Claims use since Apr. 16, 1927.

Ser. No. 252,590. THE CURTISS CANDY COMPANY, Chicago, Ill. Filed July 27, 1927.

BABY RUTH

Particular description of goods.—Soap.
Claims use since May 1, 1927.

CLASS 6.

CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.

Ser. No. 229,118. PAUL PETER MÜLHENS, doing business as Die Eau de Cologne- & Parfümerie-Fabrik "Glockengasse No. 4711" gegenüber der Pferdepst von Ferd. Mühlens, Cologne-on-the-Rhine, Germany. Filed Mar. 24, 1926.

Arie

Particular description of goods.—Eau de Cologne Water, Perfumery, Hair Tonics, Shampoo, Pomade, Brillantine, Cold Cream, Vanishing Cream, Rouge, Face Powder, Baby Powder, Shaving Lotion, Tooth Paste, Mouth Wash, Head Tonics, and Ethereal Oils for Perfumes.

Claims use since June, 1924.

Ser. No. 229,120. PAUL PETER MÜLHENS, doing business as Die Eau de Cologne- & Parfümerie-Fabrik "Glockengasse No. 4711" gegenüber der Pferdepst von Ferd. Mühlens, Cologne-on-the-Rhine, Germany. Filed Mar. 24, 1926.

Nenita

Particular description of goods.—Eau de Cologne Water, Perfumery, Hair Tonics, Shampoo, Pomade, Brillantine, Cold Cream, Vanishing Cream, Rouge, Face Powder, Baby Powder, Shaving Lotion, Tooth Paste, Mouth Wash, Head Tonics, and Ethereal Oils for Perfumes.

Claims use since October, 1913.

Ser. No. 229,122. PAUL PETER MÜLHENS, doing business as Die Eau de Cologne- & Parfümerie-Fabrik "Glockengasse No. 4711" gegenüber der Pferdepst von Ferd. Mühlens, Cologne-on-the-Rhine, Germany. Filed Mar. 24, 1926.

Jaspis

Particular description of goods.—Eau de Cologne Water, Perfumery, Hair Tonics, Shampoo, Pomade, Brillantine, Cold Cream, Vanishing Cream, Rouge, Face Powder, Baby Powder, Shaving Lotion, Tooth Paste, Mouth Wash, Head Tonics, and Ethereal Oils for Perfumes.

Claims use since February, 1924.

Ser. No. 229,123. PAUL PETER MÜLHENS, doing business as Die Eau de Cologne- & Parfümerie-Fabrik "Glockengasse No. 4711" gegenüber der Pferdepst von Ferd. Mühlens, Cologne-on-the-Rhine, Germany. Filed Mar. 24, 1926.

Revue

Particular description of goods.—Eau de Cologne Water, Perfumery, Hair Tonics, Shampoo, Pomade, Brillantine, Cold Cream, Vanishing Cream, Rouge, Face Powder, Baby Powder, Shaving Lotion, Tooth Paste, Mouth Wash, Head Tonics, and Ethereal Oils for Perfumes.

Claims use since January, 1924.

Ser. No. 229,124. PAUL PETER MÜLHENS, doing business as Die Eau de Cologne- & Parfümerie-Fabrik "Glockengasse No. 4711" gegenüber der Pferdepst von Ferd. Mühlens, Cologne-on-the-Rhine, Germany. Filed Mar. 24, 1926.

Gabi

Particular description of goods.—Eau de Cologne Water, Perfumery, Hair Tonics, Shampoo, Pomade, Brillantine, Cold Cream, Vanishing Cream, Rouge, Face Powder, Baby Powder, Shaving Lotion, Tooth Paste, Mouth Wash, Head Tonics, and Ethereal Oils for Perfumes.

Claims use since July, 1924.

Ser. No. 229,125. PAUL PETER MÜLHENS, doing business as Die Eau de Cologne- & Parfümerie-Fabrik "Glockengasse No. 4711" gegenüber der Pferdepst von Ferd. Mühlens, Cologne-on-the-Rhine, Germany. Filed Mar. 24, 1926.

Gral

Particular description of goods.—Eau de Cologne Water, Perfumery, Hair Tonics, Shampoo, Pomade, Brillantine, Cold Cream, Vanishing Cream, Rouge, Face Powder, Baby Powder, Shaving Lotion, Tooth Paste, Mouth Wash, Head Tonics, and Ethereal Oils for Perfumes.

Claims use since June, 1920.

Ser. No. 232,720. ELLEN E. DUNCANSON, doing business as The A. C. E. Pharmacal Company, New York, N. Y. Filed June 4, 1926.

Mod-Stee

Particular description of goods.—Preparation to Check Excessive Perspiration.

Claims use since January, 1925.

Ser. No. 234,275. THE MATCHEM COMPANY, Mayfield, Ky. Filed July 7, 1926.



The word "Pills" is disclaimed apart from the mark shown in the drawing.

Particular description of goods.—Medicine for Kidney, Bladder, and Urinary Disorders.

Claims use since Jan. 1, 1920.

Ser. No. 234,567. THE DOG AND CAT DRUG STORES, INC., Baltimore, Md. Filed July 13, 1926.



The use of the words "Dog," "Cat," "Bird," and "Remedies" is disclaimed apart from the mark shown.

Particular description of goods.—Veterinary Medicines—Namely, Antiseptic Wash, Breeding Tablets, Canker Lotion Nos. 1 and 2, Cod-Liver-Oil Tablets, Complete Distemper Treatment, Condition Pills Nos. 1 and 2, Cough and Cold Tablets, Croup Emulsion, Diarrhea Mixture, Disinfectant, Distemper Medicine, Eczema Lotion, Eye Lotion, Eye Ointment, General Worm Capsules, for Large Dogs, Puppies, Cats, and Toy Breeds; Hair Tonic and Coat Grower, Hookworm Capsules, Laxative Tonic Tablets, Parasitic Powder, Puppy Colic Mixture, Puppy Pellets, Rheumatism Tablets, Running-Fit Disease, Sedative and Fit Tablets, and Tapeworm Remedy.

Claims use since Mar. 2, 1926.

Ser. No. 234,632. J. D. RIEDEL AKTIENGESellschaft, Berlin-Britz, Germany. Filed July 16, 1926.

Dormalgin

Particular description of goods.—Pharmaceutical Preparation for Headache, Migraine, Toothache, Wound Pain, Rheumatism Complaints and Neuralgic Symptoms, and Similar Disorders of Nervous Origin.

Claims use since Mar. 1, 1926.

Ser. No. 238,877. SOLVIT CHEMICAL COMPANY, Arlington, Baltimore, Md. Filed Oct. 19, 1926.

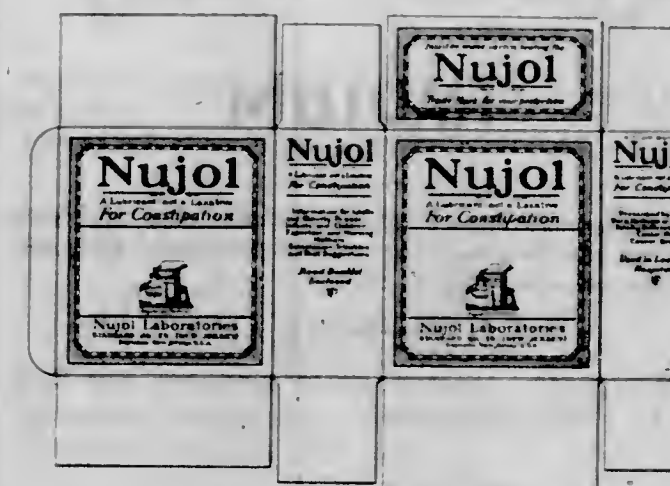


No claim is made to the notation "Baltimore, Md." apart from the mark as shown.

Particular description of goods.—Veterinary Sweat Ointment.

Claims use since Sept. 17, 1926.

Ser. No. 242,510. STANDARD OIL COMPANY (NEW JERSEY), Bayonne, N. J. Filed Jan. 7, 1927.



No right of registration is claimed for the carton as distinguished from the arrangement of the matter in small type nor to such matter.

Particular description of goods.—Mineral Oil for Chemical, Medicinal, and Pharmaceutical Purposes.

Claims use since Feb. 27, 1915.

Ser. No. 245,256. CANDELORO CIPRIANI, Burlington, N. J. Filed Mar. 5, 1927.

"EASY WASHING WATER"



No claim is made to the words "Easy Washing Water" apart from the mark shown in the drawing.

Particular description of goods.—Washing Water Made of Clorox and Lye.

Claims use since Mar. 3, 1927.

Ser. No. 248,172. TED FREEMAN, Dallas, Tex. Filed Apr. 29, 1927.

IRON TONE

Particular description of goods.—Iron Tonic for the Blood, Liver, and Kidneys.

Claims use since Jan. 1, 1924.

Ser. No. 250,361. H. TH. BÖRME A. G., Chemnitz, Germany. Filed June 11, 1927.

RADIUM

Particular description of goods.—Fat and Oil Free Finishing and Dressing Preparations for Textile Purposes.

Claims use since May 6, 1910.

Ser. No. 250,556. LESQUENDIEU, INCORPORATED, New York, N. Y. Filed June 15, 1927.

VELOUTÉ DE REINE

Particular description of goods.—Finishing Cream.

Claims use since May 20, 1927.

Ser. No. 250,751. HOME LABORATORIES CO., INC., Buffalo, N. Y. Filed June 18, 1927.

WALKER'S CREAM Analga

Applicant disclaims the words "Walker's" and "Cream" apart from the mark as shown in the drawing.

Particular description of goods.—Local Anesthetic and Counterirritant Cream.

Claims use since on or about January, 1919.

Ser. No. 250,759. THE PHYSIO-CHEMICAL LABORATORIES, INC., Salt Lake City, Utah. Filed June 18, 1927.

SALNORMEL

Particular description of goods.—A Granulated Effervescent Salt Which is an Alkalinizer, Antacid, and Diuretic.

Claims use since May 26, 1927.

Ser. No. 251,240. SALVATORE PUPELLA, doing business as Alpha Laboratory, New York, N. Y. Filed June 28, 1927.

DOLORSOL

Particular description of goods.—Pain-Killing Preparation for Use in Rheumatism, Neuralgia, and Any Aching.

Claims use since June 1, 1927.

Ser. No. 251,318. K. BRANTLEY, Harrisburg, Ill. Filed June 30, 1927.

Brantley

The mark consists of applicant's facsimile signature.

Particular description of goods.—Pile Salve.

Claims use since about June 1, 1927.

Ser. No. 251,401. FLORENCE N. LEWIS, doing business as Elizabeth Arden, New York, N. Y. Filed July 1, 1927.



Particular description of goods.—Toilet Lotions, Face and Skin Creams, Perfumes, Face Powders, Rubbing Alcohols, Ointments for the Alleviation of Sunburn; Sachets, Muscle Oils, Rouge, Lip Pencils, Lip Salve, Eyebrow Pencils, Lip Paste, Eyebrow Mudlage, Hair Tonic, Hair Ointments, Hair Pomade, Shampoo Powders, Bath Salts, Depilatories, and Hair Removers.

Claims use since Jan. 2, 1910.

Ser. No. 251,416. BARNEY T. SCRUGGS, doing business as Big Chief Medicine Co., Charlotte, N. C. Filed July 1, 1927.

BIG CHIEF CINCHONA BITTERS

The words "Cinchona Bitters" being disclaimed apart from the mark shown.

Particular description of goods.—Medicine Taken Internally as a General Tonic.

Claims use since on or about Apr. 15, 1926.

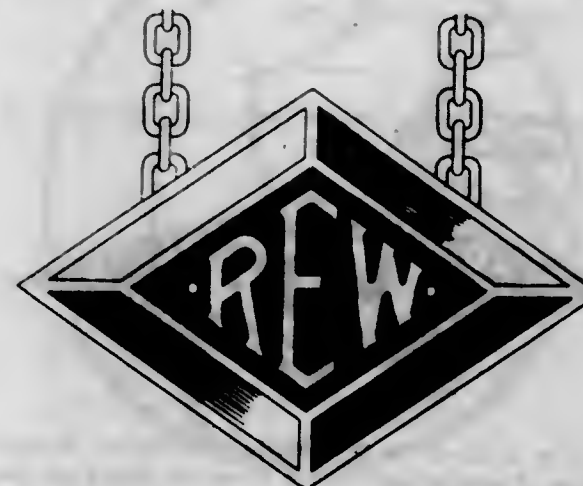
Ser. No. 251,465. THE VALENTINE CHEMICAL CO., Boston, Mass. Filed July 2, 1927.

Rid-Rite

Particular description of goods.—Moth Exterminator in Liquid and Crystal Form.

Claims use since Apr. 23, 1927.

Ser. No. 251,677. CHARLES E. LIEBERFELD, doing business as Sunset Laboratory, Jersey City, N. J. Filed July 8, 1927.



Particular description of goods.—Preparation for the Treatment of Rheumatism.

Claims use since Nov. 23, 1922.

Ser. No. 251,693. CHARLES A. TRAUBIG, doing business as Allen Chemical Co., New York, N. Y. Filed July 8, 1927.



The drawing is lined to indicate the color red.
Particular description of goods.—Preparation for the Removal of Corns and Warts.

Claims use since Apr. 14, 1927.

Ser. No. 251,710. ANTHONY BARTHOLOMEW, doing business as Radio Water Company, Detroit, Mich. Filed July 9, 1927.



The word "Water" is disclaimed apart from the mark shown.

Particular description of goods.—Liquid Eye Medicine for Relief of Eye Strain and Fatigue.

Claims use since July 1, 1927.

Ser. No. 251,839. E. F. HOUGHTON & Co., Philadelphia, Pa. Filed July 11, 1927.

COTTONLUBRIC

Particular description of goods.—Oils for Treating Textile Fibers.

Claims use since June 22, 1927.

Ser. No. 252,127. CHAS. A. STEVENS & BROS., Chicago, Ill. Filed July 15, 1927.

el ano perfumado

Particular description of goods.—Perfumes.

Claims use since June 24, 1927.

Ser. No. 252,177. WIZARDOL MFG. CO., Newark, N. J. Filed July 16, 1927.

WIZARDOL

Particular description of goods.—Insecticide.

Claims use since May 31, 1927.

Ser. No. 252,279. RICHARD BIGELOW, doing business as Bigelow, Bowditch & Company, Boston, Mass. Filed July 19, 1927.



The words "Cod Liver Oil" and the representation of a fish are disclaimed apart from the mark as shown.
Particular description of goods.—Cod-Liver Oil.
Claims use since Dec. 28, 1926.

Ser. No. 252,321. ESSEM LABORATORIES, Washington, D. C. Filed July 20, 1927.

Perfexit

Particular description of goods.—Organic Protective Coatings for Photographic Films and Photographs.
Claims use since March, 1927.

Ser. No. 252,395. REMA-TRAH COMPANY, Harrisburg, Pa. Filed July 21, 1927.

DIJAS

Particular description of goods.—Indigestion Tablets.
Claims use since May, 1926.

Ser. No. 252,425. GENERAL DYESTUFF CORPORATION, New York, N. Y. Filed July 22, 1927.

EUKESOL

Particular description of goods.—Dyestuffs.
Claims use since June 13, 1927.

Ser. No. 252,426. GENERAL DYESTUFF CORPORATION, New York, N. Y. Filed July 22, 1927.

IGENAL

Particular description of goods.—Dyestuffs.
Claims use since June 13, 1927.

Ser. No. 252,427. GENERAL DYESTUFF CORPORATION, New York, N. Y. Filed July 22, 1927.

FANAL

Particular description of goods.—Dyestuffs.
Claims use since June 13, 1927.

Ser. No. 252,451. H. E. YARBORO, doing business as The Davis Medicinal Products, Mullins, S. C. Filed July 22, 1927.

VERMITAB

Particular description of goods.—Medicinal Tablets for Ridding Parasites from Poultry, Dogs, Etc.
Claims use since May 1, 1927.

Ser. No. 252,452. ABBOTT LABORATORIES, North Chicago, Ill. Filed July 23, 1927.

CALCILACT

Particular description of goods.—Calcium Lactate in Effervescent Combination.
Claims use since Apr. 1, 1927.

Ser. No. 252,456. ROBERT ALEXANDER BACHMANN, doing business as The Secto-Vape Co., New York, N. Y. Filed July 23, 1927.

**Inn's
Secto-Vape**

Particular description of goods.—Insecticide.
Claims use since June 15, 1927.

Ser. No. 252,493. FRED D. ADAMS, Waterloo, Iowa. Filed July 25, 1927.

Vaniti-Vog

Particular description of goods.—Dusting Powder, Eyebrow Pencils, Vanishing Cream, Tissue Cream, Beauty-Cream Astringents; Brilliantine, Crystalline; Hand Lotions, Deodorants, Skin Tonics, Lip Sticks, Face Powders, Compacts, Toilet Waters, Bath Salts, Bath Tablets, and Perfumes.
Claims use since June 1, 1927.

Ser. No. 252,519. McDONALD-NEELY Co., Spindale, N. C. Filed July 25, 1927.



No claim is made to the words "Headache, Neuralgia, La Grippe, Rheumatism" apart from the mark as shown.
Particular description of goods.—Headache Remedy.
Claims use since May 20, 1927.

Ser. No. 252,597. EXO CHEMICAL COMPANY, INC., Jacksonville, Fla. Filed July 27, 1927.

EXO

Particular description of goods.—Insecticides.
Claims use since June, 1926.

CLASS 9.

EXPLOSIVES, FIREARMS, EQUIPMENTS, AND PROJECTILES.

Ser. No. 235,617. REMINGTON ARMS COMPANY, INC., Bridgeport, Conn., Ilion and New York, N. Y. Filed Aug. 5, 1926.

ANTI-CORRO

Particular description of goods.—Ammunition.
Claims use since July 21, 1926.

CLASS 11.

INKS AND INKING MATERIALS.

Ser. No. 251,626. NEIDICH PROCESS COMPANY, Burlington, N. J. Filed July 7, 1927.

Trans Four

Particular description of goods.—Carbon Paper.
Claims use since June 21, 1927.

CLASS 12.

CONSTRUCTION MATERIALS.

Ser. No. 233,856. THE UPSON COMPANY, Lockport, N. Y. Filed June 28, 1926.

FIBRE TILE

Particular description of goods.—Wall Board.
Claims use since 1911.

Ser. No. 234,352. STANDARD PORTLAND CEMENT COMPANY, Cleveland, Ohio. Filed July 9, 1926.



Particular description of goods.—Portland Cement.
Claims use since June 24, 1925.

Ser. No. 249,544. SCHUMACHER WALL BOARD CORPORATION, Wilmington, Del., Seattle, Wash., and Los Angeles, Calif. Filed May 25, 1927.



Particular description of goods.—Plaster Board, Wall Board, and Composition Board.
Claims use since Aug. 23, 1914.

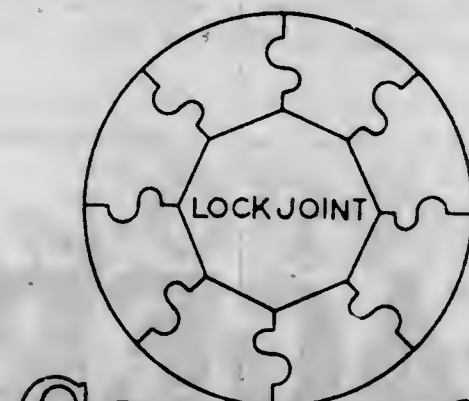
Ser. No. 249,684. UNITED STATES GYPSUM COMPANY, Chicago, Ill. Filed May 27, 1927.

GOLDEN SEAL

Particular description of goods.—Calcined Gypsum, Plaster of Paris, and Molding Plaster.
Claims use since Aug. 8, 1905.

Ser. No. 250,425. TRIUMPH COLUMN COMPANY, INC., New York, N. Y. Filed June 11, 1927.

TRIVMPH



No exclusive right is claimed to the words "Lock Joint" and "Column" apart from the mark as shown in the drawing.

Particular description of goods.—Lock-Joint Wood Columns.
Claims use since Aug. 23, 1926.

Ser. No. 250,482. THE WEST CONSTRUCTION Co., Chattanooga, Tenn. Filed June 13, 1927.



The words "Pavement" and "Wearing Surface" being disclaimed apart from the mark as shown.

Particular description of goods.—Street and Road Paving Material Made Up of Sand, Gravel, Macadam, Cement, and Asphalt or Any Combination Thereof.

Claims use since June 1, 1910.

Ser. No. 250,736. E. D. CODDINGTON MANUFACTURING COMPANY, North Milwaukee, Wis. Filed June 18, 1927.

-TERRATONE-

Particular description of goods.—Portland Cement Base Coat Stucco (Dry Mixed) and Portland Cement Finish Coat Stucco (Dry Mixed).

Claims use since on or about May 13, 1927.

Ser. No. 251,208. RED CEDAR SHAKE CORPORATION, Chesham, Wash. Filed June 27, 1927.

OLD COLONY

Particular description of goods.—Hand-Rived Tapered Shingles.

Claims use since Mar. 19, 1927.

Ser. No. 251,271. THE GAGER LIME MANUFACTURING Co., Sherwood, Tenn. Filed June 29, 1927.

GAGER COLONIAL

Particular description of goods.—Slaked Lime in Powdered Form.

Claims use since May 7, 1927.

CLASS 13.

HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.

Ser. No. 213,768. CHEMICAL TREATMENT COMPANY INCORPORATED, New York, N. Y., assignor to Chromtium Corporation of America, New York, N. Y., a Corporation of Delaware. Filed May 4, 1925.

CRODON

Particular description of goods.—Valves as Follows—Pump Valves, Ball Valves, Valve Parts; Laboratory Fittings as Follows—Faucets, Gas Cocks, Water Cocks; Bathroom Fittings as Follows—Soap Holders, Towel Racks, Toilet-Paper Holders, Brackets for Shelves, Medicine-Chest Trimmings, Legs for Basins, Glass Holders; Plumbing Fixtures as Follows—Shower-Bath Rods, Faucets, Shower Heads, Drains, Flush Valves, Traps, Valves; Tableware as Follows All of Base Metal—Bowls, Plates, Cups; Compressor Parts as Follows—Port Plates, Rotors, Impeller Valves, Valve Seats, Lobes, Metal Pipe and Pipe Fittings, Screen Frames, Nuts, Bolts, Clamps, Washers, Metal Straps, Ball Floats, Hinges, Faucets, Doorknobs, Fall Plates for Doors; Cooking Utensils as Follows—Frying Pans, Stew Pans, Coffee-pots; Soda-Water Cup or Glass Holders and Ice-Cream Cup or Dish Holders, Steel Cylinders, Steel Chains, Core Pins, Napkin Rings of Base Metal, Metal Caps and Covers for Boxes, Trays, Molds, Hollow Steel Balls for Valves and General Purposes, Boiler and Furnace Parts—Namely, Bolts, Tie Rods All Coated with Metal.

Claims use since Apr. 29, 1925.

Ser. No. 234,559. CENTRIFIX CORPORATION, Cleveland, Ohio. Filed July 15, 1926.

CENTRIFIX

Particular description of goods.—Fluid Separators of the Fixed Type Without Moving Parts for Purifying or Separating Rapidly-Moving Fluids, Such as Oils, Water, Steam, Air, and Blast Furnace, Producer, Coke Oven, City, or Natural Gas.

Claims use since May 1, 1924.

Ser. No. 245,439. HOOKLESS FASTENER COMPANY, Meadville, Pa. Filed Mar. 9, 1927.



Particular description of goods.—Separable Fasteners, Especially of the Slider-Controlled Type.

Claims use since Feb. 22, 1927.

Ser. No. 251,276. THE HOTSTREAM HEATER COMPANY, Cleveland, Ohio. Filed June 29, 1927.

JiffieU

Particular description of goods.—Union Connectors for Water Conduits in Domestic Hot-Water Supply Systems.

Claims use since Feb. 15, 1927.

Ser. No. 251,978. NORTH AND JUDD MANUFACTURING COMPANY, New Britain, Conn. Filed July 13, 1927.



The word "Fastener" is hereby disclaimed apart from the mark shown.

Particular description of goods.—Slider-Controlled Fasteners to be Used in Connection with Overgarters, Traveling Bags, Golf Bags, Garments, Laundry Bags, Canvas Bags, Tobacco Pouches, and Leather Shoes.

Claims use since July, 1925.

Ser. No. 252,593. DIAMOND EXPANSION BOLT COMPANY, Garwood, N. J. Filed July 27, 1927.

D H D

Particular description of goods.—Securing Expansions, Securing Anchors, Expansion Fasteners, Nail Expansions, Nail Fasteners, and Nail Anchors.

Claims use since on or about June 28, 1927.

CLASS 14.

METALS AND METAL CASTINGS AND FORGINGS.

Ser. No. 245,794. THE LIMA METALS FOUNDRY CO., Lima, Ohio. Filed Mar. 15, 1927.

LI-MET

Particular description of goods.—Rough Bushing Stock and Bearing Stock of Ferrous and Nonferrous Metal.

Claims use since Oct. 15, 1924.

CLASS 15.

OILS AND GREASES.

Ser. No. 249,061. GILMORE OIL COMPANY, Los Angeles, Calif. Filed May 16, 1927.

ROADAMITE

Particular description of goods.—Gasoline, Kerosene, Lubricating Oil, Diesel Fuel Oil, Grease, Fuel Oil, Motor Oil, Engine Distillate, and Road Oil.

Claims use since Apr. 7, 1927.

362 O. G.—2

CLASS 16.

PAINTS AND PAINTERS' MATERIALS.

Ser. No. 248,976. SAPHOLIN CO. INC., New York, N. Y. Filed May 13, 1927.



No claim is made to the word "Laca" apart from the mark shown. In the drawing the horizontal lines indicate a blue color and the vertical lines indicate a reddish color.

Particular description of goods.—Paint Products (Lacquer).

Claims use since August, 1926.

Ser. No. 251,766. THE MORGAN COMPANY, Peoria, Ill. Filed July 9, 1927.

ALBAZIN

Particular description of goods.—Paint Enamel.

Claims use since about Feb. 1, 1927.

Ser. No. 251,767. THE MORGAN COMPANY, Peoria, Ill. Filed July 9, 1927.

ESQUE

Particular description of goods.—Prepared Paint.

Claims use since about Apr. 1, 1915.

Ser. No. 251,769. THE MORGAN COMPANY, Peoria, Ill. Filed July 9, 1927.

FLORADOR

Particular description of goods.—Flat Varnish.

Claims use since about May 1, 1920.

Ser. No. 251,771. THE MORGAN COMPANY, Peoria, Ill. Filed July 9, 1927.

IN-OR-EX

Particular description of goods.—Paint Enamel.

Claims use since about Apr. 1, 1926.

Ser. No. 251,772. THE MORGAN COMPANY, Peoria, Ill. Filed July 9, 1927.

LACOLEUM

Particular description of goods.—Varnishes and Varnish Finishes.

Claims use since about May 1, 1920.

Ser. No. 251,773. THE MORGAN COMPANY, Peoria, Ill.
Filed July 9, 1927.

Moralastic

Particular description of goods.—Varnishes and Varnish Finishes.
Claims use since about Apr. 1, 1908.

Ser. No. 251,774. THE MORGAN COMPANY, Peoria, Ill.
Filed July 9, 1927.

MORALIN

Particular description of goods.—Paste Paint.
Claims use since about May 1, 1921.

Ser. No. 251,775. THE MORGAN COMPANY, Peoria, Ill.
Filed July 9, 1927.

MORCO

Particular description of goods.—Flat Varnish.
Claims use since about May 1, 1920.

Ser. No. 251,777. THE MORGAN COMPANY, Peoria, Ill.
Filed July 9, 1927.

SHELLTONE

Particular description of goods.—Wall Paint.
Claims use since about May 1, 1927.

Ser. No. 251,778. THE MORGAN COMPANY, Peoria, Ill.
Filed July 9, 1927.

TEXEL

Particular description of goods.—Paint Enamel.
Claims use since about Apr. 1, 1916.

Ser. No. 251,780. THE MORGAN COMPANY, Peoria, Ill.
Filed July 9, 1927.

TUFALASTIC

Particular description of goods.—Varnishes and Varnish Finishes.
Claims use since about May 1, 1922.

CLASS 17.

TOBACCO PRODUCTS.

Ser. No. 251,393. BERTHOLD R. HAHN, doing business as B. R. Hahn Cigar Manufacturing Company, Bay City, Mich. Filed July 1, 1927.

MELO-WINE

Particular description of goods.—Cured Cigar-Leaf Clippings.
Claims use since June 7, 1927.

Ser. No. 251,863. D. E. REILLY COMPANY, Charleston, S. C. Filed July 11, 1927.



Particular description of goods.—Cigars.
Claims use since 1890.

CLASS 19.

VEHICLES, NOT INCLUDING ENGINES.

Ser. No. 218,662. REO MOTOR CAR COMPANY, Lansing, Mich. Filed Aug. 10, 1925.



No claim is made to the words "Heavy Duty Speed Wagon."
Particular description of goods.—Motor Trucks.
Claims use since June 1, 1925.

Ser. No. 252,614. MILLER AUTO BED AND MANUFACTURING COMPANY, Oakland, Calif. Filed July 27, 1927.

AWNETTE

Particular description of goods.—Automobile Awnings.
Claims use since June 25, 1927.

CLASS 21.

ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.

Ser. No. 234,615. CONNER CROUSE CORPORATION, New York, N. Y. Filed July 16, 1926.



The lining shown on the drawing represents shading, no claim being made to the words "Supplies 'B' Current" and "Made by Conner, Crouse Corporation, New York City," apart from the mark shown in the drawing.

Particular description of goods.—Apparatus for Filtering Electric Currents to Eliminate the Variations Which Occur in Machine-Generated Currents to Give Currents of Perfect Smoothness for Electrical Apparatus for Which Currents of this Character are Required.
Claims use since June 4, 1926.

Ser. No. 247,645. W. BEIJER SMITS, Amsterdam, Netherlands. Filed Apr. 18, 1927.

ZEVA

Particular description of goods.—Electric Heating Appliances—Namely, Soldering Irons, Crucibles, Immersion Heaters, Wax-Sealing Apparatus, Sadirons, Frying Pans, Hot Plates, Hair Curlers, and Kettles.
Claims use since about 1918.

Ser. No. 251,087. RICHARD H. THOMPSON, doing business as Richard H. Thompson Electric Co., San Francisco, Calif. Filed June 24, 1927.



No claim is made to the word "Flasher" apart from the mark as shown in the drawing.
Particular description of goods.—Electric Signs.
Claims use since Sept. 22, 1923.

Ser. No. 251,694. THE UNITED ELECTRIC COMPANY, Canton, Ohio. Filed July 8, 1927.

UNELCO

Particular description of goods.—Electrically-Operated Vacuum Cleaners.
Claims use since Aug. 13, 1926.

Ser. No. 251,695. THE UNITED ELECTRIC COMPANY, Canton, Ohio. Filed July 8, 1927.



Particular description of goods.—Electrically-Operated Vacuum Cleaners.
Claims use since Jan. 27, 1926.

Ser. No. 251,715. CENTRAL TUBE COMPANY, Pittsburgh, Pa. Filed July 9, 1927.



Particular description of goods.—Metal Pipe Used for Electric Conduit.
Claims use since June 1, 1927.

CLASS 22.

GAMES, TOYS, AND SPORTING GOODS.

Ser. No. 250,954. ALLIED GOLF COMPANY, Chicago, Ill. Filed June 23, 1927.

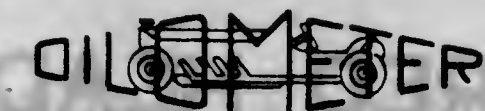


Particular description of goods.—Golf Balls, Golf Bags, Golf Clubs, and Club Separators.
Claims use since November, 1920.

CLASS 23.

CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.

Ser. No. 246,131. STANLEY AUTOMOTIVE PRODUCTS, INC., Wilmington, Del. Filed Mar. 21, 1927.



Particular description of goods.—Automatic Oiling Device Used as an Accessory for Motor Vehicles to Automatically Oil Their Various Bearings.
Claims use since Mar. 15, 1927.

Ser. No. 247,804. MARKT & HAMMACHER COMPANY, New York, N. Y. Filed Apr. 21, 1927. Under 10-year proviso.

STANDARD

Particular description of goods.—Farming and Garden Tools—Namely, Rakes, Spades, Manure Forks, Hayforks, Beet Forks, Coke Forks, Stone Forks, Shovels, and Turf Edgers.

Claims use since prior to 1895.

Ser. No. 249,058. GENERAL APPLIANCE CORPORATION, Wilmington, Del., and San Francisco, Calif. Filed May 16, 1927.

GACOR

Particular description of goods.—Serving Forks of Base Metal.

Claims use since Jan. 22, 1927.

Ser. No. 251,021. UNION SPECIAL MACHINE COMPANY, Chicago, Ill. Filed June 23, 1927.

7400

Particular description of goods.—Sewing Machines.

Claims use since on or about June 1, 1900.

Ser. No. 251,048. CARL S. BRESNICK, New York, N. Y. Filed June 24, 1927.

dubl duck

Particular description of goods.—All Manner and Kinds of Razors, Shears, Scissors, Knives of Base Metal, and Hair Clippers.

Claims use since Apr. 1, 1927.

Ser. No. 251,951. CHRYSLER SALES CORPORATION, Detroit, Mich. Filed July 13, 1927.

RED HEAD

Particular description of goods.—Internal Combustion Engine Cylinder Heads.

Claims use since June 27, 1927.

Ser. No. 252,776. HYDRO-POWER WASHER CO., Philadelphia and Conshohocken, Pa. Filed July 30, 1927.



The words "Dish Washer" are not claimed apart from the other features of the mark.

Particular description of goods.—Mechanical Dish Washers.

Claims use since June 1, 1927.

CLASS 24.

LAUNDRY APPLIANCES AND MACHINES.

Ser. No. 251,471. ALTORFER BROS. COMPANY, East Peoria, Ill. Filed July 5, 1927.

SPINNER

Particular description of goods.—Laundry-Washing Machines.

Claims use since Jan. 9, 1908.

Ser. No. 251,472. ALTORFER BROS. COMPANY, East Peoria, Ill. Filed July 5, 1927.

ABC SPINNER

Particular description of goods.—Laundry-Washing Machines.

Claims use since Dec. 27, 1926.

CLASS 28.

JEWELRY AND PRECIOUS-METAL WARE.

Ser. No. 250,832. ISADORE BEHRSTOCK, Los Angeles, Calif. Filed June 21, 1927.

LOVE BLOSSOM

Particular description of goods.—Finger Rings.

Claims use since Feb. 1, 1927.

CLASS 29.

BROOMS, BRUSHES, AND DUSTERS.

Ser. No. 252,050. THE KROGER GROCERY & BAKING CO., Cincinnati, Ohio. Filed July 14, 1927.

Country Club

Particular description of goods.—Mops.

Claims use since Jan. 10, 1927.

Ser. No. 252,713. KEYSTONE STAMPING CORPORATION, Irvington, N. J. Filed July 29, 1927.



Particular description of goods.—Mop Sticks.

Claims use since February, 1922.

CLASS 31.

FILTERS AND REFRIGERATORS.

Ser. No. 252,441. THE REPUBLIC METALWARE CO., Buffalo, N. Y. Filed July 22, 1927.

SAVORY

Particular description of goods.—Water Coolers and Refrigerators.

Claims use since Aug. 26, 1926, as applied to water coolers and to refrigerators since May 7, 1927.

CLASS 34.

HEATING, LIGHTING, AND VENTILATING APPARATUS, NOT INCLUDING ELECTRICAL APPARATUS.

Ser. No. 249,207. WEST BEND ALUMINUM COMPANY, West Bend, Wis. Filed May 18, 1927.

Air-su-lated

Particular description of goods.—Metallic Protecting Base for Use Between Cooking Vessels and Flames.

Claims use since July 1, 1926.

CLASS 35.

BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.

Ser. No. 252,664. STERLING TIRE CORPORATION, Rutherford, N. J. Filed July 28, 1927.

ADAMILE

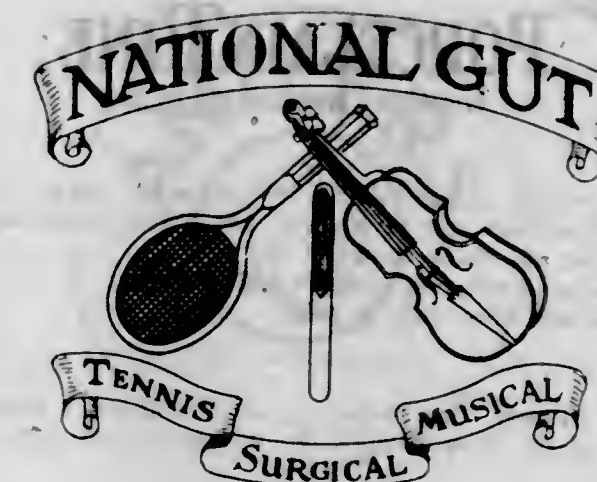
Particular description of goods.—Automobile Tire Casings.

Claims use since July 10, 1926.

CLASS 36.

MUSICAL INSTRUMENTS AND SUPPLIES.

Ser. No. 247,556. NATIONAL GUT STRING MFG. CO., INC., Chicago, Ill. Filed Apr. 16, 1927.



Applicant disclaims any exclusive right to the words "Gut," "Tennis," "Surgical," and "Musical" except in conjunction with the mark as shown.

Particular description of goods.—Gut Strings for Musical Instruments, Strings for Violins, Cellos, Harps, Ukuleles, Banjos, Guitars, Violas, Bass Viols, and the like for Tailpieces, and for Drum Snare.

Claims use since Feb. 8, 1927.

Ser. No. 251,450. MICHAELIS & CARTRICK LIMITED, London, England. Filed July 2, 1927.

BLUE BIRD

Particular description of goods.—Mouth Organs, Accordions, and Concertinas.

Claims use since November, 1925.

Ser. No. 252,336. LESTER PIANO COMPANY, Philadelphia, Pa. Filed July 20, 1927.

REPRO-ARTISTE

Particular description of goods.—Pianos.

Claims use since June 18, 1927.

CLASS 37.

PAPER AND STATIONERY.

Ser. No. 231,962. WATERFALLS PAPER MILLS, Mechanic Falls, Me., and New York, N. Y. Filed May 20, 1926.

WATERFALLS PLATEFOLD

No claim is made to the exclusive use of the word "Platefold" apart from the mark as shown in the drawing.
Particular description of goods.—Ledger, Bond, Writing, Cover, Wedding, Offset, and Mimeograph Papers.
Claims use since Sept. 30, 1925.

Ser. No. 247,079. HARRY GROSS, doing business as Bon Ton Wall Paper Co., Philadelphia, Pa. Filed Apr. 7, 1927.

Bon-Ton
PORCELAIN TONE
WIPE OFF WITH DAMP CLOTH

All wording appearing on the drawing except the words "Bon-Ton" and "Porcelain" are hereby disclaimed apart from the mark shown.
Particular description of goods.—Wall Paper.
Claims use since July 1, 1925.

Ser. No. 247,369. JAMES HENRY, doing business as James Henry & Co., New York, N. Y. Filed Apr. 13, 1927.



Particular description of goods.—Pencils and Pens.
Claims use since Mar. 21, 1927.

Ser. No. 248,835. KARL HAGENBACHER, doing business as Premier Flog Company, New York, N. Y. Filed May 11, 1927.

"Eureka"

Particular description of goods.—Stereotype Dry Matrix Mats Made from Specially-Prepared Cardboard Commonly Known as Matrix Board.
Claims use since Oct. 25, 1926.

Ser. No. 250,946. ALEXANDER H. STRAUS, New York, N. Y. Filed June 22, 1927.



The representation of the goods is disclaimed when used apart from the mark shown.
Particular description of goods.—Sanitary Paper Diapers.
Claims use since June 10, 1927.

Ser. No. 250,953. ALBANY PERFORATED WRAPPING PAPER COMPANY, Albany, N. Y. Filed June 23, 1927.



No exclusive right to the words and numerals "650 Sheets Size 4 1/2 x 5 Albany, N. Y. U. S. A." per se is claimed.
Particular description of goods.—Toilet Paper.
Claims use since June 8, 1927.

Ser. No. 251,035. JACOB HARRIS, doing business as J. Harris and Company, New York, N. Y. Filed June 24, 1927.

AMBASSADOR

Particular description of goods.—Fountain Pens.
Claims use since May 25, 1927.

Ser. No. 251,330. FORT HOWARD PAPER COMPANY, Green Bay, Wis. Filed June 30, 1927.

FORT HOWARD

Applicant is the owner of registration 129,001 for the mark "Fort Howard."
Particular description of goods.—Toilet Paper, Paper Towels, Paper Napkins, Paper Dollies, Paper Tablecloths, and Tissue Paper.
Claims use since Oct. 1, 1915.

Ser. No. 251,894. DUAL-DUTY PEN & PENCIL CO. INC., Boston, Mass. Filed July 12, 1927.

Dual-Duty
TWO IN ONE

Applicant disclaims exclusive use of the words "Dual-Duty" apart from the mark shown in the drawing.
Particular description of goods.—Combination Fountain Pen and Pencil.
Claims use since June 1, 1927.

Ser. No. 252,030. CENTRALIA ENVELOPE CO., Centralia, Ill. Filed July 14, 1927.

Ceco

Particular description of goods.—Mailing and Correspondence Envelopes.
Claims use since Feb. 26, 1927.

Ser. No. 252,031. CENTRALIA ENVELOPE CO., Centralia, Ill. Filed July 14, 1927.

Satone

Particular description of goods.—Mailing and Correspondence Envelopes.
Claims use since Mar. 23, 1927.

Ser. No. 252,309. NORTHERN PAPER MILLS, Green Bay, Wis. Filed July 20, 1927.



Applicant disclaims the words "Folded Towels" apart from the mark shown.
Particular description of goods.—Folded Paper Towels.
Claims use since May 5, 1927.

Ser. No. 252,433. IRVING-PITT MANUFACTURING COMPANY, Kansas City, Mo. Filed July 22, 1927.

VI-DEX

Particular description of goods.—Ring Binders, Solid Post Binders, Extensible Post Binders, Filler Sheets for Loose-Leaf Ring Binders and Post Binders, and Projecting-Tab Index Sheets for Loose-Leaf Ring Binders and Post Binders.
Claims use since June 27, 1925.

Ser. No. 252,751. THE WRENN PAPER COMPANY, Middletown, Ohio. Filed July 29, 1927.



Particular description of goods.—Blotting Paper.
Claims use since 1908.

CLASS 38.

PRINTS AND PUBLICATIONS.

Ser. No. 237,106. ATLAS PUBLISHING CO., INC., New York, N. Y. Filed Sept. 11, 1926.

Rubber
Blue Book

Particular description of goods.—Annual Publication.
Claims use since Aug. 1, 1926.

Ser. No. 248,015. POOR'S PUBLISHING COMPANY, New York, N. Y. Filed Apr. 26, 1927.

CUMULATIVE

Particular description of goods.—Publication Published Quarterly and Annually Devoted to Information of Interest to the Industrial and Financial World.
Claims use since Jan. 1, 1914.

Ser. No. 248,756. EDWARD J. CONQUEST, Bangor, Me. Filed May 10, 1927.

**MAINE
MOTOR
DIGEST**

Particular description of goods.—Monthly Publication.
Claims use since January, 1927.

Ser. No. 251,331. GARDEN CITY PUBLISHING COMPANY, INC., Garden City, N. Y. Filed June 30, 1927.



No claim is made to the exclusive right to the use of the word "Series."
Particular description of goods.—Books.
Claims use since Dec. 15, 1926.

Ser. No. 251,412. PULITZER PUBLISHING COMPANY, St. Louis, Mo. Filed July 1, 1927.



No claim is made to the words "St. Louis" and "London" apart from the mark shown.
Particular description of goods.—Newspapers.
Claims use since June 27, 1927.

Ser. No. 252,062. PRESS PUBLISHING COMPANY, New York, N. Y. Filed July 14, 1927.

The World

Particular description of goods.—Title for the Morning and Sunday Editions of The World Newspaper.
Claims use since on or about Jan. 1, 1886.

Ser. No. 252,063. PRESS PUBLISHING COMPANY, New York, N. Y. Filed July 14, 1927.

It Seems to Me

Particular description of goods.—Title for a Daily Article Consisting of General Comment and Criticism in the Morning and Sunday Editions of The World Newspaper.
Claims use since Sept. 7, 1921.

Ser. No. 252,064. PRESS PUBLISHING COMPANY, New York, N. Y. Filed July 14, 1927.

NEWS OUTSIDE THE DOOR

Particular description of goods.—Title for an Article of News and Comment on Nature Subjects in the Morning and Sunday Editions of The World Newspaper.
Claims use since Feb. 21, 1922.

Ser. No. 252,065. PRESS PUBLISHING COMPANY, New York, N. Y. Filed July 14, 1927.

The Evening World

Particular description of goods.—Title for The Evening World Newspaper.
Claims use since on or about Oct. 10, 1887.

Ser. No. 252,084. IRVING L. BROWN, doing business as American Homes Bureau, Chicago, Ill. Filed July 15, 1927.

**FURNITURE
DEALERS'
REFERENCE BOOK**

Particular description of goods.—A Periodical.
Claims use since on or about Nov. 30, 1924.

Ser. No. 252,154. INTERNATIONAL PUBLICATIONS, INC., New York, N. Y. Filed July 16, 1927.

American Druggist
The Pharmaceutical Business Paper

The words "The Pharmaceutical Business Paper" being disclaimed apart from the mark shown.
Particular description of goods.—Monthly Publication.
Claims use since July 1, 1927.

Ser. No. 252,261. ARTHUR STEARNS HASBROUCK, Glendale, Calif. Filed July 19, 1927.

THE INVESTMENT TREND ANALYSIS

Particular description of goods.—Semimonthly Financial Service Letter.
Claims use since Jan. 1, 1927.

**CLASS 39.
CLOTHING.**

Ser. No. 245,637. HARRIS RAINCOAT COMPANY, New York, N. Y. Filed Mar. 12, 1927.

DOLLY RAINDEAR

Particular description of goods.—Misses' and Children's Waterproofed Clothing—Namely, Raincoats, Hats, Caps, Capes, Cloaks, and Umbrellas to Match, Said Umbrellas Being Sold in a Set Comprising Three Pieces—Namely, a Cap or Other Headgear, a Cape or Other Body Garment, and an Umbrella All Made of the Same Waterproofed Material.
Claims use since Oct. 10, 1926.

Ser. No. 245,639. HARRIS RAINCOAT COMPANY, New York, N. Y. Filed Mar. 12, 1927.

Miss Raindear

Particular description of goods.—Misses' and Children's Waterproofed Clothing—Namely, Raincoats, Hats, Caps, Capes, Cloaks, and Umbrellas to Match, Said Umbrellas Being Sold in a Set Comprising Three Pieces—Namely, a Cap or Other Headgear, a Cape or Other Body Garment, and an Umbrella All Made of the Same Waterproofed Material.
Claims use since Dec. 20, 1926.

Ser. No. 245,837. HARRY A. GOLDBERG, Brooklyn, N. Y. Filed Mar. 16, 1927.



No claim is made to the words "Hats," "Supreme," "Quality," "Harry the Hatter," and "Brooklyn, N. Y." aside from the combination as shown on the drawing.
Particular description of goods.—Men's, Women's, and Children's Hats.
Claims use since Oct. 1, 1926.

Ser. No. 246,408. OSCAR HOROWITZ, New York, N. Y. Filed Mar. 26, 1927. Under 10-year proviso.

Nofade

Applicant owns registration Nos. 122,194, 131,068, 135,419, and 208,903.

Particular description of goods.—Men's, Women's, and Children's Overgarments and Undergarments of Every Kind—Namely, Men's and Boys' Overcoats, Coats, Waistcoats, Trousers, Knickers, Dresses, Negligee, and Work Shirts, Undershirts, Drawers, Blouses, and Hosiery, and Women's and Girls' Overcoats, Dresses, Coats, Suits, Knickers, Brassières, Girdles, Combinations, Undervests, Bloomers, Blouses, and Hosiery of Silk or Cotton or Wool or Rayon or Mixtures of Any Two or More of These Materials.
Claims use since about August, 1892.

Ser. No. 249,434. SAMUEL L. PAIS, Evanston, Ill. Filed May 23, 1927.



No claim is made to the words "The Evanstonian" apart from the mark shown.

Particular description of goods.—Hats, Caps, Suits, and Coats for Men and Children, Dress, Negligee, and Work Shirts; Knitted, Netted, and Textile Fabric Underwear for Men and Children, Collars, Neckties, Cloth and Leather Gloves, Sweaters, Hosiery, and Leather Shoes.

Claims use since about Jan. 1, 1927.

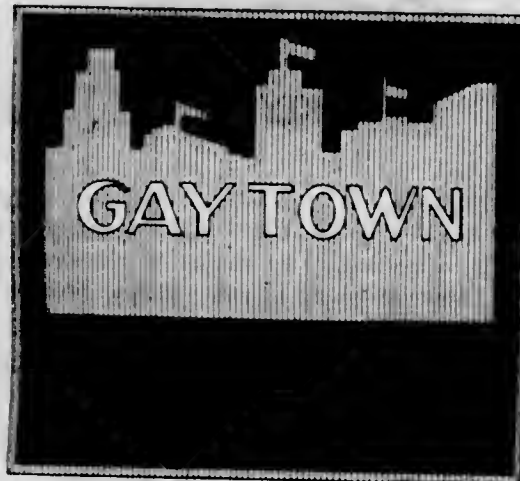
Ser. No. 249,539. RAIN-PAK CORPORATION, New York, N. Y. Filed May 25, 1927.

RAIN-PAK

Particular description of goods.—Paper, Oiled Paper, or Fabric Raincoats, Rain Hats and Rain Capes.

Claims use since Apr. 6, 1927.

Ser. No. 249,845. MAX GANSA, doing business as Max Gansa Co., New York, N. Y. Filed June 1, 1927.



The drawing is lined to indicate red.
Particular description of goods.—Men's and Young Men's Suits, Topcoats, Overcoats, and Trousers.

Claims use since May 18, 1927.

Ser. No. 251,002. NELSON H. MARVIN, Boston, Mass. Filed June 23, 1927.

TEAR-A-BOUT

Applicant owns registration No. 62,928.

Particular description of goods.—Leather Boots and Shoes, Boys' Suits for Outer Wear, Overcoats, Shirts, Underwear Made of Textile Material and Stockings.

Claims use since February, 1905, and on leather shoes since on or about May 28, 1907.

Ser. No. 251,517. STEIN BROTHERS MFG. CO., Williamsport, Pa. Filed July 5, 1927.

EASYBOCKER

Particular description of goods.—Men's, Boys', Women's, and Children's Knickerbockers and Men's, Boys', and Children's Suits Consisting of Coats, Vests, and Pants of All Kinds.

Claims use since June 8, 1927.

Ser. No. 251,539. BROWN DURRELL CO., Boston, Mass., and New York, N. Y. Filed July 6, 1927.

CHIF-FOAM

Particular description of goods.—Men's, Women's, and Children's Underwear of Knitted, Netted, or Textile Fabric, and Hosiery.

Claims use since June 3, 1927, on underwear and on hosiery since June 10, 1927.

Ser. No. 251,556. MORRIS W. HART & BROS. INC., New York, N. Y. Filed July 6, 1927.

MIDSHIPMAN

Particular description of goods.—Ladies', Misses', and Juniors' Coats and Suits.

Claims use since December, 1926.

Ser. No. 251,654. COLUMBIA KNITTING MILLS, Portland, Ore. Filed July 8, 1927.

GAY GIRL

Particular description of goods.—Swimming Suits.

Claims use since Sept. 1, 1926.

Ser. No. 251,703. WOOLF BROTHERS, INC., Kansas City, Mo. Filed July 8, 1927.

Pembroke

Particular description of goods.—Men's and Boys' Clothing—Namely, Suits, Vests, Overcoats, Coats, and Pants.

Claims use since May 20, 1925.

Ser. No. 251,717. CHAS. CHIPMAN'S SONS CO. INC., New York, N. Y. Filed July 9, 1927.

STARDUST

Particular description of goods.—Hosiery.

Claims use since May 25, 1927.

Ser. No. 251,760. MAX KURZBROK & ISIDORE HELITZER, INC., New York, N. Y. Filed July 9, 1927.



Particular description of goods.—Dresses for Ladies and Misses.

Claims use since Jan. 1, 1897.

Ser. No. 251,885. THE BRAND HILL CO. INC., New York, N. Y. Filed July 12, 1927.

Celeste

Particular description of goods.—Children's Frocks.

Claims use since June 8, 1927.

Ser. No. 251,920. LOVE KNITTING COMPANY, INC., Burlington, N. C. Filed July 12, 1927.

AMOUR

Particular description of goods.—Hosiery.

Claims use since May 1, 1927.

CLASS 40.

FANCY GOODS, FURNISHINGS, AND NOTIONS.

Ser. No. 241,135. P. B. COW & COMPANY, LIMITED, London, England, assignor to Munn Patents Limited, Orient House, London, England. Filed Dec. 8, 1926.



No claim is made to the representation of the flower shown in the drawing apart from its association with the name "Desirée."

Particular description of goods.—Artificial Flowers.

Claims use since Jan. 28, 1926.

Ser. No. 247,251. S. BLECHMAN & SONS, INC., New York, N. Y. Filed Apr. 11, 1927.



Particular description of goods.—Seam-Binding Tapes, Embroidery Hoops, Collar Bands, Pants Bands, and Trimmings Consisting of Ball Fringe, Silk Fringe, Silk Cord, Elastics, Seam Tape, Hoop Binding, Silk and Cotton Braid, Artificial Flowers, Edge Trim, Rickrack, Silk-Ribbon, Trimmings, Seam Bindings, Bias Binding, Shoulder Strappings, Lingerie Braid, Soutache Sticker, Trimming Buttons, and Trimming Buckles, Sald Buttons and Buckles Not Being Made of Precious Metal.

Claims use since on or about the following dates: Seam-binding tapes, embroidery hoops, collar bands, pants bands, Mar. 1, 1921; on trimmings Jan. 5, 1927.

CLASS 42.

KNITTED, NETTED, AND TEXTILE FABRICS.

Ser. No. 241,537. THE MOLLOY-SKELLY CARPET COMPANY, INC., New York, N. Y. Filed Dec. 15, 1926.

SUPER MANDARIN

高 官
等 員



Particular description of goods.—Special Yarn (Textile) Hugs.

Claims use since about Jan. 1, 1925.

Ser. No. 246,409. OSCAR HOROWITZ, New York, N. Y. Filed Mar. 26, 1927. Under 10-year proviso.

Nofade

Particular description of goods.—Piece Goods of Silk or Cotton or Rayon or Wool or Mixtures of Any Two or More of These Materials.

Claims use since August, 1892.

Ser. No. 249,286. THE NAAMLOOZE VENNOOTSCHAP STOOM-LINNENFABRIEKEN J. ELIAS, Eindhoven, Netherlands. May 20, 1927.



No claim is made to the exclusive use of the words "Guaranteed Grass-Bleached" and "Made in Holland" apart from the mark shown in the drawing.

Particular description of goods.—Textile Goods—Namely, Linen, Union, and Cotton Piece Goods, Sheets, Cloths, Pillowcases, Towels, and Handkerchiefs.
Claims use since Nov. 1, 1926.

Ser. No. 251,534. FRED S. BENNETT, INC., New York, N. Y. Filed July 6, 1927.

KONKERAIN

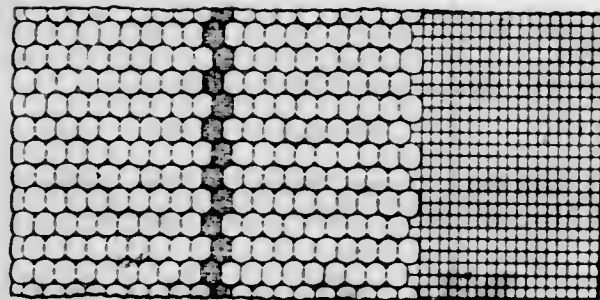
Particular description of goods.—Cotton Piece Goods.
Claims use since Mar. 4, 1927.

Ser. No. 251,548. DAVIDSON PAXON COMPANY, Atlanta, Ga. Filed July 6, 1927.

PEACHTREE

Particular description of goods.—Textile Blankets.
Claims use since June 7, 1927.

Ser. No. 251,594. WAMSUTTA MILLS, New Bedford, Mass. Filed July 6, 1927.



The mark consists of a yellow stripe of uniform width centrally disposed in the woven tape selvage. No claim is made to the exclusive use of the representation of the goods apart from the mark shown. The cross-hatching denotes the color yellow.

Particular description of goods.—Cotton Piece Goods—Namely, Sheets and Pillowcases.
Claims use since June 17, 1927.

Ser. No. 251,719. THE DAYTON COMPANY, Minneapolis, Minn. Filed July 9, 1927.

DURABELL

Particular description of goods.—Wool Blankets.
Claims use since May 11, 1927.

Ser. No. 252,341. MANVILLE JENCKES COMPANY, Pawtucket, R. I. Filed July 20, 1927.



Particular description of goods.—Bedspreads of Cotton, Silk, Wool, or Other Textile Fabrics and Damask in the Piece.
Claims use since June 22, 1927.

Ser. No. 252,555. MARCUS A. HEYMAN, New York, N. Y. Filed July 26, 1927.

HELEN OF TROY

Particular description of goods.—Hair Nets.
Claims use since July 15, 1927.

CLASS 43.

THREAD AND YARN.

Ser. No. 248,520. SEA ISLAND THREAD CO., New York, N. Y. Filed May 5, 1927.

COMPETOR

Particular description of goods.—Cotton and Mercerized Cotton Thread.
Claims use since Mar. 15, 1927.

Ser. No. 248,521. SEA ISLAND THREAD CO., New York, N. Y. Filed May 5, 1927.



Particular description of goods.—Mercerized Machine Twist.
Claims use since Aug. 15, 1914.

CLASS 44.

DENTAL, MEDICAL, AND SURGICAL APPLIANCES.

Ser. No. 248,978. THERMOPHOR MFG. CO., INC., New York, N. Y. Filed May 13, 1927.



Particular description of goods.—Heat-Retaining Devices—Namely, Bottles, Bags, and Pads Used for Therapeutic or Medical Purposes.
Claims use since about 1914.

Ser. No. 252,113. SANITAX ELECTRIC CO., New York, N. Y. Filed July 15, 1927.

Sanitax-Pep

Particular description of goods.—Electric Vibrator for Therapeutic Purposes.
Claims use since Mar. 2, 1926.

CLASS 45.

BEVERAGES, NONALCOHOLIC.

Ser. No. 247,286. REED & BELL, INC., Berkeley, Calif. Filed Apr. 11, 1927.



The words "Root Beer" and the numeral "5c" are disclaimed apart from the other features of the mark.
Particular description of goods.—Root Beer.
Claims use since Mar. 30, 1927.

Ser. No. 247,397. SUN-MAID RAISIN GROWERS OF CALIFORNIA, Fresno, Calif. Filed Apr. 13, 1927.



The picture is fanciful and not a portrait.
Particular description of goods.—Nonalcoholic, Maltless Beverage Sold as Soft Drink.
Claims use since March, 1927.

Ser. No. 251,844. ITALIAN VINEYARD CO., Los Angeles, Calif. Filed July 11, 1927.

18k

Particular description of goods.—Concentrated Grape Juice.
Claims use since Feb. 10, 1927.

Ser. No. 251,870. SERVICE GROCER COMPANY, INC., Detroit, Mich. Filed July 11, 1927.

SERVICE BOY



Particular description of goods.—Ginger Ale, Root Beer, Grape Juice, Birch Beer, Pops of Following Flavors—Lemon, Grape, Chocolate, Raspberry, Cherry, Orange, and Strawberry.
Claims use since September, 1925.

CLASS 46.

FOODS AND INGREDIENTS OF FOODS.

Ser. No. 198,391. WELSH PACKING CO., Springfield, Mo.
Filed June 10, 1924.



Particular description of goods.—Brick Chili (Chili Con Carne), Macaroni Loaf, Lard, Oleomargarine, Cheese, Bone Meal, and Tankage.
Claims use since 1904.

Ser. No. 236,128. THE GOVERNOR AND COMPANY OF ADVENTURERS OF ENGLAND TRADING INTO HUDSON'S BAY, London, England. Filed Aug. 18, 1926.

Dubag

Particular description of goods.—Fresh, Frozen, and Canned Fish.
Claims use since June 30, 1925.

Ser. No. 236,129. THE GOVERNOR AND COMPANY OF ADVENTURERS OF ENGLAND TRADING INTO HUDSON'S BAY, London, England. Filed Aug. 18, 1926.

Tabdor

Particular description of goods.—Fresh, Frozen, and Canned Fish.
Claims use since Mar. 15, 1926.

Ser. No. 239,215. ABRAHAM & STRAUS, INC., New York, N. Y. Filed Oct. 26, 1926.

MONTAUK

Particular description of goods.—Candy.
Claims use since about 1906.

Ser. No. 242,153. TANGERMÜNDE KONSERVEN- UND SCHOKOLADENFABRIKEN FR. MEYER & CO., Tangermünde, Germany, assignor to Zuckerraffinerie Tangermünde Fr. Meyers Sohn, Aktiengesellschaft, Tangermünde, Germany, a Corporation of Germany. Filed Dec. 29, 1926.



Particular description of goods.—Candied Fruit, Assorted Chocolates, Fondants, Bonbons, Penny Candy, Preserved Fruit, Jam, Cocoa, Chocolate, Candles.
Claims use since Aug. 13, 1915.

Ser. No. 243,239. THE T. A. SNIDER PRESERVE CO., Chicago, Ill. Filed Jan. 22, 1927. Under 10-year proviso.

SNIDER'S

Particular description of goods.—Canned Fruits, Canned Vegetables, Chili Sauce, Jams, Fruit Preserves, Vinegar, Oyster-Cocktail Sauce, Spaghetti, Canned Soups, Salad Dressing, Canned Baked Beans, Catchup, Canned Sauerkraut, and Applesauce.
Claims use since 1884.

Ser. No. 247,395. SUNLAND SALES COOPERATIVE ASSOCIATION, Fresno, Calif. Filed Apr. 13, 1927.

A SUNLAND PRODUCT

The word "Product" is disclaimed apart from the mark shown in the drawing.

Particular description of goods.—Canned Raisins, Raisins and Nuts Combined in Their Natural State, Food-Flavoring Extracts, Canned Fish, Maple Sap Table Sirup, Pickles, Tomato Catchup, Vinegar, Molasses, Breakfast Cereal, Spices, and Cornstarch.
Claims use since March, 1927.

Ser. No. 247,396. SUN-MAID RAISIN, GROWERS OF CALIFORNIA, Fresno, Calif. Filed Apr. 13, 1927.



The picture is fanciful and not a portrait.

Particular description of goods.—Canned Raisins, Mince-meat, Raisin Sirup for Food Purposes, Raisin Seed Salad Oil, Raisins and Nuts Combined in Their Natural State, Flavoring Extracts for Foods, Canned Fish, Nuts in Their Natural State, Maple Sap Table Sirup, Rice, Pickles, Tomato Catchup, Vinegar, Cottonseed Edible Oil, Molasses, Breakfast Cereal, Tea, Coffee, Spices, Cornstarch, and Canned Pie Fruit.

Claims use since November, 1922, as applied to canned raisins, mincemeat, raisin sirup for food purposes, raisin seed salad oil, and raisins and nuts combined in their natural state, flavoring extracts, canned fish, nuts, maple sap table sirup, rice, pickles, tomato catchup, vinegar, cottonseed edible oil, molasses, breakfast cereal, tea, coffee, spices, cornstarch, and pie fruit since March, 1927.

Ser. No. 248,490. MAX GEISLER, doing business as Max Geisler Bird Co., Omaha, Nebr., and New York, N. Y. Filed May 5, 1927.

ROLLER

Particular description of goods.—Bird Food.
Claims use since September, 1889.

Ser. No. 248,825. GARNEAU & DE BRUYN, INC., New York, N. Y. Filed May 11, 1927.

ARMADA

Particular description of goods.—Canned Vegetables—Namely, Canned Pimientos.
Claims use since about October, 1925.

Ser. No. 248,826. GARNEAU & DE BRUYN, INC., New York, N. Y. Filed May 11, 1927.

CIBOULETTE

Particular description of goods.—Canned Fish—Namely, Canned Sprats.
Claims use since about April, 1925.

Ser. No. 248,827. GARNEAU & DE BRUYN, INC., New York, N. Y. Filed May 11, 1927.

The Heraldaque

Particular description of goods.—Canned Fish—Namely, Canned Sardines.
Claims use since about April, 1926.

Ser. No. 250,075. FOX-CROSS CANDY COMPANY, Oakland, Calif. Filed June 6, 1927.

FOX CROSS

The drawing is lined only to indicate shading.
Particular description of goods.—Candy.
Claims use since Oct. 15, 1925.

Ser. No. 250,352. BEMENT & SEITZ COMPANY, Evansville, Ind. Filed June 11, 1927.

DIAMOND ISLAND

Particular description of goods.—Canned Fruits, Vegetables, and Fish, Table Sirups, Macaroni, Spaghetti, Coffee, Breakfast Cereals, Evaporated Milk, Catchup, Canned Hominy, Jellies, Fruit Preserves, Mince-meat, Sliced Dried Beef, and Canned Tomato Pulp.
Claims use since Jan. 1, 1890.

Ser. No. 250,575. WM. H. STANLEY, INC., New York, N. Y. Filed June 15, 1927.

Seaspray

Particular description of goods.—Canned Tunny Fish.
Claims use since Apr. 6, 1927.

Ser. No. 251,095. MAURICE H. WELSH, Philadelphia, Pa. Filed June 24, 1927.



No rights to registration are claimed on the term "X Rayed" and the representation of an egg apart from the mark as shown.

Particular description of goods.—Eggs.
Claims use since May 26, 1926.

Ser. No. 251,170. CALIFORNIA PEACH & FIG GROWERS ASSOCIATION, Fresno, Calif. Filed June 27, 1927.

NUJOL

Particular description of goods.—Dried Figs.
Claims use since June 8, 1927.

Ser. No. 251,455. THE C M PITT & SONS COMPANY, Baltimore, Md. Filed July 2, 1927.

**CHOCOLATE
Pickaninnies**

No claim is made to the word "Chocolate" apart from the mark as shown on the drawing.

Particular description of goods.—Cakes.
Claims use since May 26, 1927.

Ser. No. 251,512. THE J. M. PAVER COMPANY, Chicago, Ill. Filed July 5, 1927.

HONEYLAND

Particular description of goods.—Canned Peas.
Claims use since Feb. 1, 1927.

Ser. No. 251,829. GORDON CANNING CORPORATION, Hoquiam, Wash. Filed July 11, 1927.

Mt.OLYMPUS

Particular description of goods.—Canned Fruits, Canned Berries, and Canned Vegetables.
Claims use since June 1, 1926.

Ser. No. 251,860. RAY-BROWN COMPANY, INC., Woodburn, Oreg. Filed July 11, 1927.

TOPPING

Particular description of goods.—Canned Fruits Canned Berries, and Canned Vegetables.
Claims use since Mar. 29, 1927.

Ser. No. 252,080. BEECH-NUT PACKING COMPANY, Canajoharie, N. Y. Filed July 15, 1927.



The outer oval band shown is lined for color being red. No claim being made to the word "Brand" apart from the mark as shown in the drawing.

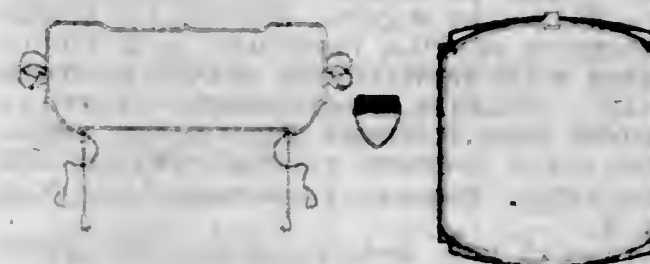
Particular description of goods.—Coffee.
Claims use since Jan. 4, 1924.

Ser. No. 252,359. KURTH BROTHERS COMPANY, Milwaukee, Wis. Filed July 21, 1927.

BLUE MOUND

Particular description of goods.—Canned Fruits and Canned Vegetables, Canned Berries, Canned Fish, Canned Evaporated Milk, Canned Pumpkin, Olives, and Pickles.
Claims use since July 31, 1923.

Ser. No. 252,528. SPRAGUE, WARNER & COMPANY, Chicago, Ill. Filed July 25, 1927.



Particular description of goods.—Canned Fruits and Canned Vegetables.
Claims use since July 18, 1927.

Ser. No. 252,611. THE METZ PACKING COMPANY, Concordia, Kans. Filed July 27, 1927.



Particular description of goods.—Eggs and Dressed Poultry.
Claims use since 1913.

Ser. No. 252,612. THE METZ PACKING COMPANY, Concordia, Kans. Filed July 27, 1927.

METZCO

Particular description of goods.—Eggs and Dressed Poultry.
Claims use since 1913.

362 O. G.—3

Ser. No. 252,645. V. O. GARRISON, Hendersonville, N. C. Filed July 28, 1927.

BLUE BIRD

Particular description of goods.—Ice Cream.
Claims use since June 10, 1927.

Ser. No. 252,763. CRYSTAL PURE CANDY CO., Chicago, Ill. Filed July 30, 1927.

Razzbo

Particular description of goods.—Candy.
Claims use since December, 1921.

CLASS 59.

MERCHANDISE NOT OTHERWISE CLASSIFIED.

Ser. No. 246,472. FERDON MANUFACTURING COMPANY, Aurora, Ill. Filed Mar. 28, 1927.



No claim is made to the words "Signs and Counter Signs" apart from the mark shown in the drawing.

Particular description of goods.—Glass, Wood, Metal, Celluloid, Bakelite Signs.

Claims use since Jan. 1, 1927.

TRADE-MARK REGISTRATIONS GRANTED

[ACT OF FEBRUARY 20, 1905.]

SEPTEMBER 6, 1927.

- 232,147. TRIPPLICATING SALES BOOKS. THE COSBY-WIRTH MANIFOLD BOOK COMPANY, Minneapolis, Minn.
Filed April 8, 1927. Serial No. 247,127. PUBLISHED JUNE 21, 1927. Class 37.
- 232,148. SHOES CONSTRUCTED OF LEATHER, RUBBER, AND FABRIC AND COMBINATIONS OF THE SAME. MARSHALL FIELD & COMPANY, Chicago, Ill.
Filed April 9, 1927. Serial No. 247,177. PUBLISHED JUNE 7, 1927. Class 39.
- 232,149. EQUIPMENT FOR SEALING LEAKS IN METAL CONTAINERS. THE FURMANITE CORPORATION, Newport News, Va.
Filed April 9, 1927. Serial No. 247,180. PUBLISHED JUNE 28, 1927. Class 23.
- 232,150. WHITE-CORN TABLE MEAL. MAYO MILLING COMPANY, Inc., Richmond, Va.
Filed April 9, 1927. Serial No. 247,198. PUBLISHED JUNE 14, 1927. Class 46.
- 232,151. SPRAY FOR AGRICULTURAL PURPOSES. THE PACIFIC GUANO & FERTILIZER COMPANY, San Francisco, Calif.
Filed April 9, 1927. Serial No. 247,204. PUBLISHED JUNE 28, 1927. Class 6.
- 232,152. WOMEN'S MARKETING AND SHOPPING BAGS, CHILDREN'S TOY BAGS, AND MEN'S WALLETS. S. BLECHMAN & SONS, INC., New York, N. Y.
Filed April 11, 1927. Serial No. 247,249. PUBLISHED MAY 31, 1927. Class 3.
- 232,153. MONTHLY PUBLICATION FOR JEWELRY AND KINDRED LINES. THE KEYSTONE PUBLISHING CO., Philadelphia, Pa.
Filed April 11, 1927. Serial No. 247,274. PUBLISHED JUNE 28, 1927. Class 38.
- 232,154. ANTISEPTIC AND GERMICIDE. EDWARD T. NOLAND, doing business as The Edward T. Noland Black Rock Chemical Mfg. Co., Long Beach, Calif.
Filed April 11, 1927. Serial No. 247,282. PUBLISHED JUNE 14, 1927. Class 6.
- 232,155. CONCRETE HARDENER, WATERPROOFER, AND PRESERVER. HARRY J. SCHOFIELD, Peoria, Ill.
Filed April 11, 1927. Serial No. 247,291. PUBLISHED JUNE 21, 1927. Class 12.
- 232,156. OINTMENT FOR EXTERNAL APPLICATION FOR TREATMENT OF SKIN IRRITATIONS. S. C. WAGNER, Toledo, Ohio.
Filed April 11, 1927. Serial No. 247,300. PUBLISHED JUNE 21, 1927. Class 6.
- 232,157. MONTHLY PUBLICATION. ZIV STEEL & WIRE COMPANY, Chicago, Ill.
Filed April 11, 1927. Serial No. 247,303. PUBLISHED JUNE 21, 1927. Class 38.
- 232,158. TITLE FOR A COLUMN OF NEWS. THE OREGONIAN PUBLISHING COMPANY, Portland, Oreg.
Filed April 12, 1927. Serial No. 247,340. PUBLISHED JUNE 21, 1927. Class 38.
- 232,159. WOVEN LABELS. WARNER WOVEN LABEL CO. INC., New York, N. Y.
Filed April 12, 1927. Serial No. 247,348. PUBLISHED JUNE 21, 1927. Class 38.
- 232,160. MEN'S AND WOMEN'S HOSIERY. CANNON MILLS, INC., New York, N. Y.
Filed April 13, 1927. Serial No. 247,359. PUBLISHED JUNE 7, 1927. Class 39.
- 232,161. MEDICINE FOR PILES. JOHN K. MILLER, Lynchburg, Va.
Filed April 13, 1927. Serial No. 247,382. PUBLISHED JUNE 14, 1927. Class 6.
- 232,162. FACE POWDERS, FACE CREAMS, FACE PACKS, TOILET WATERS, ROUGES, LIP STICKS, EYEBROW PENCILS, PERFUMES, HAIR TONICS, HAIR OILS, DENTIFRICES, TOOTH POWDERS, NAIL POLISHES, DEODORIZING PREPARATIONS, FOOT POWDERS, BATH SALTS, SMELLING SALTS, INCENSE, TALCUM POWDERS, AND SACHETS. TRAYMORE LABORATORIES, New York, N. Y.
Filed April 13, 1927. Serial No. 247,399. PUBLISHED JUNE 21, 1927. Class 6.
- 232,163. OLIVE OIL. A. CASSATLY & CO., New York, N. Y.
Filed April 14, 1927. Serial No. 247,409. PUBLISHED JUNE 21, 1927. Class 46.
- 232,164. MILK-BOTTLE CAPS WITH ATTACHED ORDER CARDS. EASTERN ADVERTISING COMPANY, INC., Pawtucket, R. I.
Filed April 14, 1927. Serial No. 247,418. PUBLISHED JUNE 21, 1927. Class 50.
- 232,165. COFFEE. PERRYMAN H. FENNELL, doing business as Fennell Coffee Company, San Antonio, Tex.
Filed April 14, 1927. Serial No. 247,421. PUBLISHED JUNE 28, 1927. Class 46.
- 232,166. POULTRY TONIC. EDWARD ROSENBAUM, doing business as Irex Products Company, New York, N. Y.
Filed April 14, 1927. Serial No. 247,449. PUBLISHED JUNE 21, 1927. Class 6.
- 232,167. POTATOES, CHIPPED AND FRIED. H. B. MCNEAL, doing business as Pittsburgh Pretzel Co., Limited, Pittsburgh, Pa.
Filed April 15, 1927. Serial No. 247,478. PUBLISHED JUNE 21, 1927. Class 46.
- 232,168. LIQUID PREPARATIONS TO REFRESH THE FACE AND IMPROVE ITS APPEARANCE. JOSEPH JOHN STROSSELL, Brooklyn, N. Y.
Filed April 15, 1927. Serial No. 247,500. PUBLISHED JUNE 28, 1927. Class 6.
- 232,169. COMPOUND FOR KILLING AND REPELLING INSECTS AND FOR CLEANING TEXTILES, FABRICS, GARMENTS, RUGS, WALL HANGINGS, CUSHIONS, AND FURNITURE; AMMONIA, ROACH POWDER, AND PASTE; BEDBUG POWDER AND PASTE, AND INSECTICIDE. A. W. ANDERSON, New York, N. Y.
Filed April 16, 1927. Serial No. 247,514. PUBLISHED JUNE 21, 1927. Class 6.
- 232,170. CEMENT COLORS. BUILDER'S SPECIALTY CO., INC., Philadelphia, Pa.
Filed April 16, 1927. Serial No. 247,519. PUBLISHED JUNE 21, 1927. Class 12.
- 232,171. PREPARATION FOR THE TREATMENT OF RUNNING AND BARKING FITS IN DOGS. DAVID O. COLHOE, Pawhuska, Okla.
Filed April 16, 1927. Serial No. 247,522. PUBLISHED JUNE 21, 1927. Class 6.

- 232,172. PERFUMES, BODY LOTIONS, AND AFTER-SHAVING LOTIONS, TOILET WATERS, FACE POWDERS, BATH POWDERS, TALCUM POWDERS, AND ROUGE, LIP STICKS, BATH SALTS, FACE CREAMS, AND FINISHING CREAMS. ERTÉ, INC., New York, N. Y.
Filed April 16, 1927. Serial No. 247,528. PUBLISHED JUNE 14, 1927. Class 6.
- 232,173. MAGAZINES PUBLISHED WEEKLY. EXPERIMENTER PUBLISHING COMPANY, New York, N. Y.
Filed April 16, 1927. Serial No. 247,530. PUBLISHED JUNE 28, 1927. Class 38.
- 232,174. CORN FLOUR. B. MARTINEZ SONS CO., San Antonio, Tex.
Filed April 16, 1927. Serial No. 247,553. PUBLISHED JUNE 21, 1927. Class 46.
- 232,175. GUT STRING FOR TENNIS RACKETS. NATIONAL GUT STRING MFG. CO., INC., Chicago, Ill.
Filed April 16, 1927. Serial No. 247,557. PUBLISHED JUNE 28, 1927. Class 22.
- 232,176. SANITARY BELTS. OLMSTEAD CORPORATION, Springfield, Mass.
Filed April 16, 1927. Serial No. 247,562. PUBLISHED JUNE 28, 1927. Class 44.
- 232,177. MAYONNAISE PRODUCTS—NAMELY, MAYONNAISE. SAMUEL B. DRUCKER, doing business as Visa Company, New York, N. Y.
Filed April 18, 1927. Serial No. 247,603. PUBLISHED JUNE 21, 1927. Class 46.
- 232,178. MAYONNAISE PRODUCTS—NAMELY, MAYONNAISE. SAMUEL B. DRUCKER, doing business as Visa Company, New York, N. Y.
Filed April 18, 1927. Serial No. 247,604. PUBLISHED JUNE 21, 1927. Class 46.
- 232,179. GUMMED PAPER OR CLOTH TAPE. McLAURIN-JONES Co., Brookfield, Mass.
Filed April 18, 1927. Serial No. 247,623. PUBLISHED JUNE 21, 1927. Class 37.
- 232,180. GUMMED PAPER AND GUMMED CLOTH. McLAURIN-JONES Co., Brookfield, Mass.
Filed April 18, 1927. Serial No. 247,624. PUBLISHED JUNE 21, 1927. Class 37.
- 232,181. LIQUID FOR EXTERNAL SKIN USE FOR SUNBURN, WINDBURN, AND CHAPPED HANDS. ALBERT M. WEINER, Philadelphia, Pa.
Filed April 19, 1927. Serial No. 247,722. PUBLISHED JUNE 14, 1927. Class 6.
- 232,182. MEDICINE FOR USE IN THE TREATMENT OF COUGHS AND SPASMODIC CROUP. CALEB D. BRADHAM, doing business as Bradham Drug Company, New Bern, N. C.
Filed April 20, 1927. Serial No. 247,728. PUBLISHED JUNE 14, 1927. Class 6.
- 232,183. PERIODICAL MAGAZINES. THE CHICAGOAN PUBLISHING COMPANY, Chicago, Ill.
Filed April 21, 1927. Serial No. 247,778. PUBLISHED JUNE 21, 1927. Class 38.
- 232,184. PRINTED PUBLICATIONS PUBLISHED MONTHLY AND AT OTHER INTERVALS. LOUDSPEAKER PUBLISHING CORPORATION, New York, N. Y.
Filed April 21, 1927. Serial No. 247,799. PUBLISHED JUNE 14, 1927. Class 38.
- 232,185. HEADACHE TABLETS AND HEADACHE POWDERS. THE NOX-AN-AKE Co., Mannington, W. Va.
Filed April 21, 1927. Serial No. 247,813. PUBLISHED JUNE 28, 1927. Class 6.
- 232,186. POTATOES IN THEIR NATURAL STATE. RED MILL PACKING CO. INC., New York, N. Y.
Filed April 21, 1927. Serial No. 247,818. PUBLISHED JUNE 21, 1927. Class 46.
- 232,187. MEDICINE FOR THE TREATMENT OF RHEUMATISM, SCIATICA, LUMBAGO, KIDNEY AND BLADDER DISEASES, AND CUTANEOUS DISEASES. CHARLES H. SILBERSTEIN, Brooklyn, N. Y.
Filed April 21, 1927. Serial No. 247,829. PUBLISHED JUNE 14, 1927. Class 6.
- 232,188. PAINTS, READY-MIXED, DRY, AND PASTE; VARNISH, LACQUER, AND PAINT ENAMELS. F. I. SIEGEL & SON, doing business as Fison Paint Products Company, Union City, N. J.
Filed March 2, 1927. Serial No. 245,109. PUBLISHED JUNE 28, 1927. Class 16.
- 232,189. COFFEE. AMERICAN COMPANY OF ARKANSAS, Little Rock, Ark.
Filed March 3, 1927. Serial No. 245,133. PUBLISHED JUNE 21, 1927. Class 46.
- 232,190. JAMS, JELLIES, AND MARMALADES. LADD HOFFMAN PRODUCTS CO., Los Angeles, Calif.
Filed March 3, 1927. Serial No. 245,149. PUBLISHED JUNE 21, 1927. Class 46.
- 232,191. HYDRAULIC LIFT AND FORCE PUMP (A PLUMBER'S TOOL). F. W. HOFFMAN & COMPANY, INC., Philadelphia, Pa.
Filed March 4, 1927. Serial No. 245,211. PUBLISHED JUNE 28, 1927. Class 23.
- 232,192. BREAD. B. WESTERGAARD & COMPANY, Brooklyn, N. Y.
Filed March 5, 1927. Serial No. 245,309. PUBLISHED JUNE 14, 1927. Class 46.
- 232,193. DEVICES FOR MOISTENING AND/OR SERVING ADHESIVE OR GUMMED TAPE, LABELS, AND THE LIKE STRIP MATERIAL, PARTICULARLY FOR USE ON COUNTERS, DESKS, ETC., FOR PACKAGE SEALING AND LABELING PURPOSES. NASHUA PACKAGE SEALING CO. INC., Nashua, N. H.
Filed March 7, 1927. Serial No. 245,366. PUBLISHED JUNE 28, 1927. Class 37.
- 232,194. PHOTOGRAPHS. REXGOLD MANUFACTURING COMPANY, Wilmington, Del.
Filed March 7, 1927. Serial No. 245,369. PUBLISHED JUNE 21, 1927. Class 38.
- 232,195. LADIES' HATS. STAADACKER & COMPANY, Seattle, Wash.
Filed March 8, 1927. Serial No. 245,413. PUBLISHED MAY 17, 1927. Class 39.
- 232,196. INTERNAL HERB REMEDIES FOR DISEASES OF THE BLOOD, KIDNEYS, AND LIVER. THE ALONZO O. BLISS MEDICAL COMPANY, Washington, D. C.
Filed March 10, 1927. Serial No. 245,467. PUBLISHED JUNE 14, 1927. Class 6.
- 232,197. BOOTS, SHOES, SANDALS, MOCCASINS, AND BATH SLIPPERS MADE OF LEATHER, RUBBER, FABRIC, OR COMBINATIONS THEREOF. CHAUSSURES BALLY SOCIÉTÉ ANONYME DE FABRICATION, Schoenenwerd, Switzerland.
Filed March 10, 1927. Serial No. 245,473. PUBLISHED JUNE 7, 1927. Class 39.
- 232,198. ANNUAL PUBLICATION. HOME BUILDERS CATALOG CO., Chicago, Ill.
Filed March 10, 1927. Serial No. 245,486. PUBLISHED JUNE 21, 1927. Class 38.
- 232,199. MAGAZINES PUBLISHED MONTHLY AND FOR SEMIANNUAL PUBLICATIONS. KENFIELD-DAVIS PUBLISHING COMPANY, Chicago, Ill.
Filed March 11, 1927. Serial No. 245,563. PUBLISHED JUNE 21, 1927. Class 38.
- 232,200. MATTRESSES, PILLOWS, AND CUSHIONS. MAX O. KINGSTONE, doing business as Kingstone Bedding Co., San Francisco, Calif.
Filed March 12, 1927. Serial No. 245,644. PUBLISHED JUNE 28, 1927. Class 32.

- 232,201. ROOFING MATERIAL—NAMELY, ASPHALT ROLL ROOFING, ASPHALT SHINGLES, TARRED FELT AND SATURATED ASPHALT FELT, EAVES-TROUGH CONDUCTOR PIPES, AND EAVES TROUGHS. H. B. CLIFFORD ROOFING CO., Detroit, Mich.
Filed March 14, 1927. Serial No. 245,692. PUBLISHED JUNE 21, 1927. Class 12.
- 232,202. PAINT SETS CONSISTING OF A RECEPTACLE CONTAINING THE FOLLOWING ARTICLES, PAINTS, PALETTES, PALETTE KNIVES, CANVAS PANELS, EASELS, PAINT BRUSHES, PAINTERS' SMOCKS, AND FIXATIVES. LEOPOLD DREIFFUSS, San Francisco, Calif.
Filed March 14, 1927. Serial No. 245,699. PUBLISHED JUNE 21, 1927. Class 50.
- 232,203. CANNED SALMON. SALMON EXCHANGE, INC., Astoria, Ore.
Filed March 16, 1927. Serial No. 245,865. PUBLISHED JUNE 28, 1927. Class 46.
- 232,204. COMPLEXION POWDER. THE J. A. POZZONI PHARMACAL COMPANY, New York, N. Y.
Filed March 17, 1927. Serial No. 245,920. PUBLISHED JUNE 21, 1927. Class 6.
- 232,205. SEMIMONTHLY PUBLICATION. READERS' PUBLISHING CORP., New York, N. Y.
Filed March 17, 1927. Serial No. 245,921. PUBLISHED JUNE 21, 1927. Class 38.
- 232,206. MEN'S SUITS, OVERCOATS, TUXEDOS, FULL-DRRESS SUITS, SPORT SUITS, GOLF SUITS, SMOKING JACKETS, AND BATH ROBES. BEN ROCKE, INC., New York, N. Y.
Filed March 17, 1927. Serial No. 245,923. PUBLISHED JUNE 7, 1927. Class 39.
- 232,207. WATER COLORS, OIL PAINTS, VARNISHES FOR ARTISTS' USE, TECHNICAL OILS FOR PAINTING PURPOSES, TRANSPARENT MAJOLICA COLORS, AND ENAMEL COLORS. GUENTHER WAGNER, Hanover, Germany.
Filed March 18, 1927. Serial No. 245,981. PUBLISHED JUNE 21, 1927. Class 16.
- 232,208. AUTOMATIC FEEDS, CARD BREASTS, CLOTH WASHERS, ETC. JAMES HUNTER MACHINE COMPANY, North Adams, Mass.
Filed March 18, 1927. Serial No. 245,990. PUBLISHED JUNE 28, 1927. Class 23.
- 232,209. MONTHLY MAGAZINE. MARTIN PUBLICATIONS, INC., New York, N. Y.
Filed April 30, 1927. Serial No. 248,239. PUBLISHED JUNE 14, 1927. Class 38.
- 232,210. GARMENT-PRESSING MACHINES AND PARTS THEREOF. PANTEX PRESSING MACHINE, INC., Pawtucket, R. I.
Filed April 30, 1927. Serial No. 248,244. PUBLISHED JUNE 28, 1927. Class 24.
- 232,211. COTTON PIECE GOODS. M. C. D. BORDEN & SONS, INC., New York, N. Y.
Filed May 2, 1927. Serial No. 248,278. PUBLISHED JUNE 28, 1927. Class 42.
- 232,212. DIGESTIVE TONIC. JAMES C. BRIGADELL, Atlantic City, N. J.
Filed May 2, 1927. Serial No. 248,279. PUBLISHED JUNE 14, 1927. Class 6.
- 232,213. COFFEE. JOHNSON COFFEE CO., Chattanooga, Tenn.
Filed May 2, 1927. Serial No. 248,301. PUBLISHED JUNE 21, 1927. Class 46.
- 232,214. DIARIES. THE SPRINGFIELD LEATHER PRODUCTS COMPANY, Springfield, Ohio.
Filed May 2, 1927. Serial No. 248,332. PUBLISHED JUNE 28, 1927. Class 37.
- 232,215. TREATMENT FOR AMEBIC DYSENTERY. ERNST BISCHOFF CO. INC., New York, N. Y.
Filed May 3, 1927. Serial No. 248,342. PUBLISHED JUNE 14, 1927. Class 6.

- 232,216. THERAPEUTIC LAMPS. THE FITZGERALD MANUFACTURING COMPANY, Torrington, Conn.
Filed May 3, 1927. Serial No. 248,355. PUBLISHED JUNE 28, 1927. Class 44.
- 232,217. BREAD. FLAHERTY BAKING COMPANY, Covington, Ky.
Filed May 3, 1927. Serial No. 248,356. PUBLISHED JUNE 14, 1927. Class 46.
- 232,218. MONTHLY MAGAZINE. AMATEUR CINEMA LEAGUE, INC., New York, N. Y.
Filed May 4, 1927. Serial No. 248,387. PUBLISHED JUNE 14, 1927. Class 38.
- 232,219. WATER-SOFTENING APPARATUS. THE DAYTON PUMP & MANUFACTURING COMPANY, Dayton, Ohio.
Filed May 4, 1927. Serial No. 248,395. PUBLISHED JUNE 28, 1927. Class 23.
- 232,220. PLASTER-OF-PARIS BANDAGES. GERARD C. DEANE, Yonkers, N. Y.
Filed May 4, 1927. Serial No. 248,396. PUBLISHED JUNE 28, 1927. Class 44.
- 232,221. DIE-CASTING METAL AND DIE CASTINGS. DOEHLE DIE-CASTING CO., Brooklyn, N. Y.
Filed May 4, 1927. Serial No. 248,399. PUBLISHED JUNE 28, 1927. Class 14.
- 232,222. POLISH FOR FURNITURE AND AUTOMOBILES. FLATO'S INC., doing business as Davo Manufacturing Co., Allston, Mass.
Filed May 4, 1927. Serial No. 248,403. PUBLISHED JUNE 28, 1927. Class 16.
- 232,223. DYESTUFFS. GENERAL DYESTUFF CORPORATION, New York, N. Y.
Filed May 4, 1927. Serial No. 248,404. PUBLISHED JUNE 14, 1927. Class 6.
- 232,224. CHINA DISHES AND CROCKERY. ALBERT PICK & COMPANY, Chicago, Ill.
Filed May 4, 1927. Serial No. 248,439. PUBLISHED JUNE 28, 1927. Class 30.
- 232,225. AUTOMOTIVE VEHICLES—NAMELY, AUTOMOBILES, TRUCKS, AND BUSES AND TAXICABS AND THEIR COMPONENT PARTS. THE PIERCE-ARROW MOTOR CAR COMPANY, Buffalo, N. Y.
Filed May 4, 1927. Serial No. 248,440. PUBLISHED JUNE 28, 1927. Class 19.
- 232,226. PORTABLE AND POCKET CIGAR AND CIGARETTE LIGHTERS UTILIZING A LIQUID FUEL. ALFRED DUNHILL OF LONDON, INC., New York, N. Y.
Filed May 5, 1927. Serial No. 248,459. PUBLISHED JUNE 28, 1927. Class 34.
- 232,227. RUBBER BANDS, PENCILS, AND PEN-HOLDERS. AMERICAN LEAD PENCIL COMPANY, New York, N. Y.
Filed May 5, 1927. Serial No. 248,460. PUBLISHED JUNE 28, 1927. Class 37.
- 232,228. PERFUMERY. JAMES A. ARKIN, doing business as Etablissement d'Arnot, Hollywood, Calif.
Filed May 5, 1927. Serial No. 248,464. PUBLISHED JUNE 14, 1927. Class 6.
- 232,229. HIGH AND LOW DRESS AND WORK SHOES AND BOOTS FOR MEN, WOMEN, MISSES, BOYS, AND GIRLS, MADE OF LEATHER, FABRIC, AND RUBBER AND COMBINATIONS OF THE SAME. CHICAGO MAIL ORDER COMPANY, Chicago, Ill.
Filed March 31, 1927. Serial No. 246,666. PUBLISHED JUNE 7, 1927. Class 39.
- 232,230. METAL POLISH. MAGNETIC POLISH COMPANY, INC., St. Louis, Mo.
Filed March 31, 1927. Serial No. 246,694. PUBLISHED JUNE 28, 1927. Class 4.
- 232,231. COMBINATION NATURAL-GAS AND FUEL-OIL BURNERS. NIMROD, LIMITED, London, England.
Filed March 31, 1927. Serial No. 246,703. PUBLISHED JUNE 28, 1927. Class 34.

- 232,232. SIGNS—NAMELY, SPARE-TIRE ADVERTISING SIGN. ROY A. TARELL, Sacramento, Calif.
Filed March 31, 1927. Serial No. 246,721. PUBLISHED JUNE 14, 1927. Class 50.
- 232,233. TOILET PREPARATIONS—NAMELY, TOILET CREAM. CLARKS PRODUCTS INC., Binghamton, N. Y.
Filed April 1, 1927. Serial No. 246,740. PUBLISHED JUNE 28, 1927. Class 6.
- 232,234. CANNED FRUITS, CANNED BERRIES, AND CANNED VEGETABLES; JAMS AND JELLIES, FROZEN BERRIES IN BARRELS AND CANS. PUYALLUP & SUMNER FRUIT GROWERS ASSOCIATION, Puyallup, Wash.
Filed April 1, 1927. Serial No. 246,771. PUBLISHED JUNE 28, 1927. Class 46.
- 232,235. DRY AND LIQUID MEASURES, MEASURING CUPS, AND PORTABLE LIQUID TANK-WAGON MEASURES. THE REPUBLIC METALWARE CO., Buffalo, N. Y.
Filed April 1, 1927. Serial No. 246,776. PUBLISHED JUNE 28, 1927. Class 26.
- 232,236. TABLE PADS HAVING A BASE OF DEADENING FELT OR EQUIVALENT WITH A FACING OF WATERPROOF MATERIAL AND A BACKING OF SOFT SMOOTH TEXTILE FABRIC TO BE USED UNDER A TABLECLOTH TO PROTECT THE POLISHED SURFACE OF A TABLE. OSCAR WINTER, Philadelphia, Pa.
Filed April 1, 1927. Serial No. 246,796. PUBLISHED JUNE 14, 1927. Class 59.
- 232,237. TABLE PADS HAVING A BASE OF DEADENING FELT OR EQUIVALENT WITH A FACING OF WATERPROOF MATERIAL AND A BACKING OF SOFT SMOOTH TEXTILE FABRIC TO BE USED UNDER A TABLECLOTH TO PROTECT THE POLISHED SURFACE OF A TABLE. OSCAR WINTER, Philadelphia, Pa.
Filed April 1, 1927. Serial No. 246,797. PUBLISHED JUNE 14, 1927. Class 50.
- 232,238. MEN'S, WOMEN'S, AND CHILDREN'S BOOTS, SHOES, AND SLIPPERS MADE OF LEATHER, RUBBER, FELT, SILK, CLOTH, OR OTHER FABRIC CONSTRUCTION. DOROTHY DODD SHOW COMPANY, Boston, Mass.
Filed April 2, 1927. Serial No. 246,823. PUBLISHED JUNE 7, 1927. Class 39.
- 232,239. HATS AND CAPS FOR MEN, BOYS, AND CHILDREN. LEVINE & SMITH, Boston, Mass.
Filed April 2, 1927. Serial No. 246,838. PUBLISHED JUNE 7, 1927. Class 39.
- 232,240. TURNIP SEED. VAN ANTWERP'S DRUG CORPORATION, INC., Mobile, Ala.
Filed April 2, 1927. Serial No. 246,862. PUBLISHED JUNE 14, 1927. Class 1.
- 232,241. WINDOW AND GLASS CLEANER. WALTER R. WHITNEY, doing business as The Kenmore Co., Boston, Mass.
Filed April 2, 1927. Serial No. 246,869. PUBLISHED JUNE 21, 1927. Class 4.
- 232,242. HEADING OF NEWSPAPER ARTICLES APPEARING IN THE EVENING BULLETIN OF PHILA., PA. BULLETIN COMPANY, Philadelphia, Pa.
Filed April 4, 1927. Serial No. 246,885. PUBLISHED JUNE 21, 1927. Class 38.
- 232,243. BREAD. GRAYS HARBOR BAKING COMPANY, Aberdeen, Wash.
Filed April 4, 1927. Serial No. 246,896. PUBLISHED JUNE 21, 1927. Class 46.
- 232,244. PAPER PULP, COOKED OR DIGESTED WOOD OR OTHER VEGETABLE GROWTH SUITABLE FOR MAKING CORDAGE, TEXTILE FIBRICES, PULP, OR PAPER; PLASTIC WOOD AND PLASTIC OR SHEETED PULP. RAMAR SYNDICATE, INCORPORATED, Norfolk, Va.
Filed April 4, 1927. Serial No. 246,932. PUBLISHED JUNE 14, 1927. Class 1.

- 232,245. MEDICINAL COMPOUND TO BE TAKEN INTERNALLY FOR RHEUMATISM, GOUT, SWELLING OF JOINTS, AND MOVING PAINS. JOSEPH SVEHLA, doing business as Rheu-Ch-Tam Medicine Company, St. Louis, Mo.
Filed April 4, 1927. Serial No. 246,939. PUBLISHED JUNE 28, 1927. Class 6.
- 232,246. SOAP. THE SYDNEY ROSS CO., Newark, N. J.
Filed April 4, 1927. Serial No. 246,940. PUBLISHED JUNE 21, 1927. Class 4.
- 232,247. MEN'S HATS. LONG'S HAT STORES CORPORATION, New York, N. Y.
Filed April 5, 1927. Serial No. 246,964. PUBLISHED JUNE 7, 1927. Class 39.
- 232,248. CANDY. IRELAND CANDY COMPANY, St. Louis, Mo., and Los Angeles, Calif.
Filed April 6, 1927. Serial No. 247,021. PUBLISHED JUNE 28, 1927. Class 46.
- 232,249. GOLF BALLS. WILSON-WESTERN SPORTING GOODS COMPANY, Chicago, Ill.
Filed May 23, 1927. Serial No. 249,455. PUBLISHED JUNE 28, 1927. Class 22.
- 232,250. COMBINATION ASH TRAY, CIGARETTE HOLDER, AND MATCH HOLDER. S. T. JESSOP CO., INC., Chicago, Ill.
Filed May 23, 1927. Serial No. 249,427. PUBLISHED JUNE 28, 1927. Class 8.
- 232,251. FIRECRACKERS. AMERICAN FINANCE AND COMMERCE CO., San Francisco, Calif.
Filed May 23, 1927. Serial No. 249,402. PUBLISHED JUNE 28, 1927. Class 9.
- 232,252. FIRECRACKERS. AMERICAN FINANCE AND COMMERCE CO., San Francisco, Calif.
Filed May 23, 1927. Serial No. 249,401. PUBLISHED JUNE 28, 1927. Class 9.
- 232,253. FIRECRACKERS. AMERICAN FINANCE AND COMMERCE CO., San Francisco, Calif.
Filed May 23, 1927. Serial No. 249,400. PUBLISHED JUNE 28, 1927. Class 9.
- 232,254. SALTED NUTS. ZIANG SUN WAN, Washington, D. C.
Filed May 20, 1927. Serial No. 249,309. PUBLISHED JUNE 28, 1927. Class 46.
- 232,255. PUBLICATION PUBLISHED MONTHLY. RUSSELL'S COMMERCIAL NEWS, INC., New York, N. Y.
Filed May 20, 1927. Serial No. 249,299. PUBLISHED JUNE 28, 1927. Class 38.
- 232,256. COMPOSITION CONSTRUCTION BLOCKS AND PARTITION TILE. UNIVERSAL GYPSUM & LIME CO., Chicago, Ill.
Filed September 2, 1926. Serial No. 236,821. PUBLISHED JUNE 21, 1927. Class 12.
- 232,257. BICYCLE TIRE PUNCTURE-SEALING FLUID. GEO. D. SANDERS, Sr., Columbus, Miss.
Filed August 16, 1926. Serial No. 236,064. PUBLISHED JUNE 14, 1927. Class 5.
- 232,258. SILK AND OTHER FIBRES MADE FROM CELLULOSE. KOLN - ROTTWEIL AKTIENGESELLSCHAFT, Berlin, Germany.
Filed August 2, 1926. Serial No. 235,482. PUBLISHED JUNE 21, 1927. Class 1.
- 232,259. LINEN-DAMASK TABLE CLOTHS AND NAPKINS, LINEN TOWELS, TURKISH TOWELS, LINEN SHEETS AND PILLOWCASES, HANDKERCHIEFS, EMBROIDERED AND LACE-TRIMMED TABLECLOTHS, FURNITURE SCARFS, AND BED LINEN. DUNDEE LINEN SHOP, Newark, N. J.
Filed July 14, 1926. Serial No. 234,504. PUBLISHED JUNE 28, 1927. Class 42.
- 232,260. WHEAT FLOUR. THE COLORADO MILLING & ELEVATOR CO., doing business as The Eaton Flour Mills, Denver and Eaton, Colo.
Filed July 3, 1926. Serial No. 234,096. PUBLISHED SEPTEMBER 7, 1926. Class 46.

- 232,261. VERMIN DESTROYERS AND INSECT EXTERMINATORS. SPEEDEX CHEMICAL COMPANY, Fort Lauderdale, Fla., assignor to Universal Exterminating Company, Fort Lauderdale, Fla.
Filed July 2, 1926. Serial No. 234,063. PUBLISHED SEPTEMBER 7, 1926. Class 6.
- 232,262. MEDICINAL COMPOSITION FOR REMOVING WARTS. L. J. HABERKORN, Chatsworth, Ill.
Filed October 15, 1926. Serial No. 238,654. PUBLISHED JUNE 14, 1927. Class 6.
- 232,263. FURNACE CEMENT IN LAYING UP FIRE BRICK AND KINDRED USES. THE S. OBERMAYER CO., Chicago, Ill.
Filed October 14, 1926. Serial No. 238,608. PUBLISHED JUNE 14, 1927. Class 12.
- 232,264. FRESH DECIDUOUS FRUITS, FRESH GRAPES, FRESH VEGETABLES, FRESH CITRUS FRUITS, AND FRESH MELONS. STUART KNOX THOMAS, Hanford, Calif.
Filed October 13, 1926. Serial No. 238,561. PUBLISHED JUNE 21, 1927. Class 46.
- 232,265. CHICK BOXES FOR SHIPPING. ANDERSON BOX COMPANY, Indianapolis, Ind.
Filed October 7, 1926. Serial No. 238,243. PUBLISHED JUNE 28, 1927. Class 2.
- 232,266. CARBON BLACK. BINNEY & SMITH COMPANY, New York, N. Y.
Filed October 2, 1926. Serial No. 238,036. PUBLISHED JUNE 28, 1927. Class 16.
- 232,267. CONSTRUCTION MATERIALS—NAMESLY, LUMBER AND WOOD; LUMBER PRODUCTS, VIZ. FLOORING, SIDING, CEILING, GIRDERS, JOISTS, STUDDING, MOLDINGS, BRACKETS, SASH, DOORS, BLINDS, AND SHINGLES. WILSON & GREENE LUMBER CO., Syracuse, N. Y.
Filed September 21, 1926. Serial No. 237,524. PUBLISHED JUNE 14, 1927. Class 12.
- 232,268. MOTOR TRUCKS. INTERNATIONAL MOTOR COMPANY, New York, N. Y.
Filed April 22, 1927. Serial No. 247,860. PUBLISHED JUNE 28, 1927. Class 19.
- 232,269. KID, GLAZED KID, AND OTHER LEATHERS. AMALGAMATED LEATHER COMPANIES, INC., Wilmington, Del., Philadelphia, Pa., New York, N. Y., Boston, Mass., Rochester, N. Y., Chicago, Ill., and St. Louis, Mo.
Filed April 23, 1927. Serial No. 247,881. PUBLISHED JUNE 21, 1927. Class 1.
- 232,270. ATTACHMENT TO BE SECURED TO THE BOTTOMS OF DOORS TO PREVENT DRAFTS. B. N. REYES, Philadelphia, Pa.
Filed April 23, 1927. Serial No. 247,908. PUBLISHED JUNE 28, 1927. Class 13.
- 232,271. RADIATORS AND CONDENSERS FOR REFRIGERATING SYSTEMS. WINCHESTER REPEATING ARMS COMPANY, New Haven, Conn.
Filed April 23, 1927. Serial No. 247,921. PUBLISHED JUNE 28, 1927. Class 31.
- 232,272. PREPARATION FOR THE TREATMENT OF NEURITIS, ARTHRITIS, SCIATICA, LUMBAGO, CHRONIC ARTICULAR RHEUMATISM, MUSCULAR RHEUMATISM, AND MOST DISEASES DEPENDENT UPON URIC-ACID DIATHESIS. JOSEPH L. AILLERY, New Bedford, Mass.
Filed April 25, 1927. Serial No. 247,923. PUBLISHED JUNE 14, 1927. Class 6.
- 232,273. HANDKERCHIEFS. BLOCH FRERES, INC., New York, N. Y.
Filed April 25, 1927. Serial No. 247,925. PUBLISHED JUNE 28, 1927. Class 42.
- 232,274. CANNED FRUITS, CANNED VEGETABLES, AND CANNED SARDINES. F. E. BOOTH CO., San Francisco, Calif.
Filed April 25, 1927. Serial No. 247,926. PUBLISHED JUNE 21, 1927. Class 46.

- 232,275. PUMPS. THE DAYTON PUMP & MANUFACTURING COMPANY, Dayton, Ohio.
Filed April 25, 1927. Serial No. 247,934. PUBLISHED JUNE 28, 1927. Class 23.
- 232,276. MEDICINAL PREPARATION CONTAINING NONEQUILIBRATED RADIUM SOLUTION TAKEN INTERNALLY SERVING AS A GLAND ACTIVATOR AND OXYGENIZER OF THE BLOOD. GENERAL RADIUM LABORATORIES, Los Angeles, Calif.
Filed April 25, 1927. Serial No. 247,945. PUBLISHED JUNE 21, 1927. Class 6.
- 232,277. CANNED FRUITS AND VEGETABLES AND DRIED FRUITS. SALINAS VALLEY CANNING CO., Salinas, Calif.
Filed April 25, 1927. Serial No. 247,971. PUBLISHED JUNE 28, 1927. Class 46.
- 232,278. BOOK REPAIR KITS. GAYLORD BROTHERS, INCORPORATED, Syracuse, N. Y.
Filed April 26, 1927. Serial No. 247,993. PUBLISHED JUNE 21, 1927. Class 50.
- 232,279. PICTURES, ILLUSTRATIONS, DISPLAY CARDS, GREETING CARDS, AND BOOKLETS. THE MERIDEN GRAVURE COMPANY, Meriden, Conn.
Filed April 26, 1927. Serial No. 248,008. PUBLISHED JUNE 28, 1927. Class 38.
- 232,280. SHOES, SLIPPERS, AND BOOTS OF LEATHER, RUBBER, FABRIC, LEATHER AND RUBBER, LEATHER AND FABRIC, OR RUBBER AND FABRIC; OVERSHOES, SPATS, HEELS, AND SHOE FINDINGS—NAMESLY, HEELS, INNER AND OUTER SOLES, UPPERS, TONGUES, AND TOE CAPS. I. MILLER & SONS, INC., Long Island City, N. Y.
Filed April 26, 1927. Serial No. 248,010. PUBLISHED JUNE 7, 1927. Class 39.
- 232,281. WATER-SOFTENING APPARATUS. THE DAYTON PUMP & MANUFACTURING COMPANY, Dayton, Ohio.
Filed April 28, 1927. Serial No. 248,092. PUBLISHED JUNE 28, 1927. Class 23.
- 232,282. MAILING SHEET. JOHN A. HOLDEN, Baltimore, Md.
Filed April 28, 1927. Serial No. 248,103. PUBLISHED JUNE 21, 1927. Class 37.
- 232,283. INSECTICIDES. ROCKLAND CHEMICAL CO., Newark, N. J.
Filed April 28, 1927. Serial No. 248,129. PUBLISHED JUNE 21, 1927. Class 6.
- 232,284. METAL PAINT. ECLIPSE PAINT & COLOR CO., St. Louis, Mo.
Filed April 29, 1927. Serial No. 248,163. PUBLISHED JUNE 21, 1927. Class 16.
- 232,285. MOLDS FOR MAKING CONCRETE BURIAL VAULTS. THE NORWALK VAULT COMPANY, Norwalk, Ohio.
Filed April 29, 1927. Serial No. 248,187. PUBLISHED JUNE 28, 1927. Class 23.
- 232,286. SHOE LINING, A TEXTILE FABRIC. D. B. PURBECK & CO., Boston, Mass.
Filed April 29, 1927. Serial No. 248,195. PUBLISHED JUNE 28, 1927. Class 42.
- 232,287. PICKLING SALT, A PREPARATION USED IN THE CURING OF MEATS. HARRY LAVIN, Canton, Ohio, assignor to The Griffith Laboratories, Inc., Chicago, Ill., a Corporation of Illinois.
Filed March 18, 1927. Serial No. 245,992. PUBLISHED JUNE 14, 1927. Class 6.
- 232,288. PICKLING SALT, A PREPARATION USED IN THE CURING OF MEATS. HARRY LAVIN, Canton, Ohio, assignor to The Griffith Laboratories, Inc., Chicago, Ill., a Corporation of Illinois.
Filed March 18, 1927. Serial No. 245,993. PUBLISHED JUNE 14, 1927. Class 6.

- 232,289. COAL. SHERIDAN-WYOMING COAL COMPANY, INCORPORATED, Sheridan, Wyo.
Filed March 18, 1927. Serial No. 246,002. PUBLISHED JUNE 21, 1927. Class 1.
- 232,290. MEDICINE FOR DIARRHEA. JOHN C. SMALLEY, Bridgeport, Ala.
Filed March 18, 1927. Serial No. 246,004. PUBLISHED JUNE 28, 1927. Class 6.
- 232,291. MEN'S, WOMEN'S, AND CHILDREN'S WEARING APPAREL CONSISTING OF SUITS, OVERCOATS, COATS, TROUSERS, VESTS, SKIRTS, AND DRESSES. THE JULIAN GOLDMAN STORES, INC., New York, N. Y.
Filed March 19, 1927. Serial No. 246,029. PUBLISHED JUNE 7, 1927. Class 39.
- 232,292. WEEKLY MAGAZINE. THE FRANK A. MUNSEY COMPANY, New York, N. Y.
Filed March 21, 1927. Serial No. 246,109. PUBLISHED JUNE 21, 1927. Class 38.
- 232,293. LADIES' DRESSES. TABIN-PICKER AND COMPANY, Chicago, Ill.
Filed March 21, 1927. Serial No. 246,132. PUBLISHED MAY 17, 1927. Class 39.
- 232,294. HYDRAULIC CEMENT. ASH GROVE LIME & PORTLAND CEMENT COMPANY, Kansas City, Mo.
Filed March 22, 1927. Serial No. 246,146. PUBLISHED JUNE 14, 1927. Class 12.
- 232,295. GRITLESS SHORT-FIBER PAPER FILLER ESPECIALLY PREPARED FOR THE PAPER INDUSTRY AND TO BE USED WITH OTHER RAW MATERIALS IN THE MANUFACTURE OF PAPER. W. H. LOOMIS TALC CORPORATION, Gouverneur, N. Y.
Filed March 22, 1927. Serial No. 246,169. PUBLISHED JUNE 14, 1927. Class 1.
- 232,296. WHEAT FLOUR. THE LARABEE FLOUR MILLS COMPANY, Kansas City, Mo., assignor to Commander Larabee Cereal Co., Chicago, Ill., a Corporation.
Filed March 24, 1927. Serial No. 246,295. PUBLISHED JUNE 14, 1927. Class 46.
- 232,297. DRY CLEANERS. THE NUVO CORPORATION, New York, N. Y.
Filed March 25, 1927. Serial No. 246,356. PUBLISHED JUNE 21, 1927. Class 4.
- 232,298. METAL POLISH. JACOB STOLLENWERK, doing business as Reflexol Products Co., New York, N. Y.
Filed March 26, 1927. Serial No. 246,447. PUBLISHED JUNE 21, 1927. Class 4.
- 232,299. MATS USED FOR COVERING HOTBEDS, COLDFRAMES, AND THE LIKE AS A PROTECTION AGAINST TEMPERATURE AND MOISTURE CHANGES. THE CLEVELAND BUCKRAM & BAG CO., Cleveland, Ohio.
Filed March 28, 1927. Serial No. 246,465. PUBLISHED JUNE 14, 1927. Class 50.
- 232,300. LUMBER. FREIT GROWERS SUPPLY COMPANY, Los Angeles, Calif.
Filed March 28, 1927. Serial No. 246,473. PUBLISHED JUNE 21, 1927. Class 12.
- 232,301. HONEY. CHARLES B. JUSTICE & CO., San Diego, Calif.
Filed May 6, 1927. Serial No. 248,573. PUBLISHED JULY 5, 1927. Class 46.
- 232,302. MEN'S COATS, PANTS, PYJAMA SUITS, DRESS, NEGLIGEE, AND WORK SHIRTS, UNDERWEAR MADE FROM KNITTED OR TEXTILE FABRIC, AND JACKETS. HASPEL BROTHERS, INC., New Orleans, La.
Filed March 29, 1927. Serial No. 246,540. PUBLISHED JUNE 7, 1927. Class 39.
- 232,303. PRINTING INKS. THE QUEEN CITY PRINTING INK COMPANY, Cincinnati, Ohio.
Filed March 29, 1927. Serial No. 246,568. PUBLISHED JUNE 28, 1927. Class 11.
- 232,304. HOSIERY AND SHOES MADE OF LEATHER, RUBBER, OR FABRIC OR ANY COMBINATION THEREOF. THE FAMOUS, Braddock, Pa.
Filed March 30, 1927. Serial No. 246,602. PUBLISHED JUNE 7, 1927. Class 39.
- 232,305. COLD CREAMS. CHESTER O. PADELFORD, doing business as The Vendre Company, Glen Ridge, N. J., and Boston, Mass.
Filed March 30, 1927. Serial No. 246,622. PUBLISHED JUNE 21, 1927. Class 6.
- 232,306. FRESH GRAPES. RICHLAND FRUIT CO., Shafter, Calif.
Filed March 30, 1927. Serial No. 246,633. PUBLISHED JUNE 21, 1927. Class 46.
- 232,307. MECHANICAL CHECK PROTECTORS AND CHECK CERTIFIERS. HEDMAN MANUFACTURING COMPANY, Chicago, Ill.
Filed April 27, 1927. Serial No. 248,040. PUBLISHED JUNE 28, 1927. Class 23.
- 232,308. TOILET CREAM, COLD CREAM, CLEANSING CREAM, VANISHING CREAM, TOILET POWDER, TALCUM POWDER, DUSTING POWDER, FACE POWDER, BABY POWDER, BABY CREAM, BATH SALT, TOILET WATER, AND PERFUME. IRVING McEWEN, Omaha, Nebr.
Filed May 6, 1927. Serial No. 248,584. PUBLISHED JUNE 21, 1927. Class 6.
- 232,309. COMPOUNDS FOR PROCESSING PURE SILK TO ADD STRENGTH TO THE MATERIAL BY LUBRICATION AS WELL AS TO SOFTEN THE SERICIN OR GUM IN THE SILK. E. F. HOUGHTON & CO., Philadelphia, Pa.
Filed May 6, 1927. Serial No. 248,571. PUBLISHED JUNE 28, 1927. Class 6.
- 232,310. PERIODICAL PUBLICATION. GLADDING McBEAN & CO., San Francisco, Calif.
Filed May 6, 1927. Serial No. 248,566. PUBLISHED JUNE 14, 1927. Class 38.
- 232,311. FRESH VEGETABLES. COCHRAN-TURNEY-CHRISTO, INC., New York, N. Y.
Filed May 6, 1927. Serial No. 248,555. PUBLISHED JUNE 28, 1927. Class 46.
- 232,312. GLUE. SWIFT AND COMPANY, Chicago, Ill.
Filed May 5, 1927. Serial No. 248,534. PUBLISHED JUNE 14, 1927. Class 5.
- 232,313. GLUE. SWIFT AND COMPANY, Chicago, Ill.
Filed May 5, 1927. Serial No. 248,533. PUBLISHED JUNE 21, 1927. Class 5.
- 232,314. GLUE. SWIFT AND COMPANY, Chicago, Ill.
Filed May 5, 1927. Serial No. 248,532. PUBLISHED JUNE 14, 1927. Class 5.
- 232,315. GLUE. SWIFT AND COMPANY, Chicago, Ill.
Filed May 5, 1927. Serial No. 248,529. PUBLISHED JUNE 14, 1927. Class 5.
- 232,316. GLUE. SWIFT AND COMPANY, Chicago, Ill.
Filed May 5, 1927. Serial No. 248,528. PUBLISHED JUNE 14, 1927. Class 5.
- 232,317. GLUE. SWIFT AND COMPANY, Chicago, Ill.
Filed May 5, 1927. Serial No. 248,527. PUBLISHED JUNE 14, 1927. Class 5.
- 232,318. NAIL POLISH, TOILET WATER, LIP ROUGE, FACE ROUGE, FACE POWDER, TALCUM POWDER, COLD CREAM, VANISHING CREAM, AND SKIN SACHET. AUGUSTINE J. KENNEDY, Brooklyn, N. Y.
Filed January 26, 1927. Serial No. 243,370. PUBLISHED JUNE 21, 1927. Class 6.
- 232,319. NECKTIES. ETABLISSEMENTS PAUL OLMER & CIE., Paris, France.
Filed January 26, 1927. Serial No. 243,353. PUBLISHED JUNE 7, 1927. Class 39.

- 232,320. TEXTILE FABRICS MADE OF SILK, ARTIFICIAL SILK, COTTON, WOOL, OR MIXTURES THEREOF. RELIABLE SILK MANUFACTURING CO., New York, N. Y.
Filed January 21, 1927. Serial No. 243,169. PUBLISHED JUNE 28, 1927. Class 42.
- 232,321. TILE. TYLO MANUFACTURING CO., Chicago, Ill.
Filed January 17, 1927. Serial No. 242,976. PUBLISHED JUNE 21, 1927. Class 12.
- 232,322. CATAMENIAL PROTECTORS. JULIA PERLZWEIG, doing business as Julian Products Co., Yonkers, N. Y.
Filed January 14, 1927. Serial No. 242,853. PUBLISHED JUNE 28, 1927. Class 44.
- 232,323. FRESH CITROUS FRUITS—NAMESLY, ORANGES, LEMONS, AND GRAPEFRUIT. BRYN MAWR FRUIT GROWERS ASSOCIATION, Bryn Mawr, Calif.
Filed January 14, 1927. Serial No. 242,814. PUBLISHED JUNE 28, 1927. Class 46.
- 232,324. KNIT GOODS—NAMESLY, HOSIERY AND UNDERWEAR. COLTER & BERNIE, INC., New York, N. Y.
Filed January 12, 1927. Serial No. 242,708. PUBLISHED MARCH 1, 1927. Class 39.
- 232,325. MEN'S AND BOYS' FURNISHINGS, UNDERGARMENTS, AND CLOTHING. FRANKLIN SIMON & CO. INC., New York, N. Y.
Filed January 11, 1927. Serial No. 242,660. PUBLISHED JUNE 7, 1927. Class 39.
- 232,326. MEN'S HATS. STYLEPARK HATS, INC., Philadelphia, Pa.
Filed January 10, 1927. Serial No. 242,629. PUBLISHED JUNE 7, 1927. Class 39.
- 232,327. METALLIC PENS EXCEPT GOLD OR SILVER PENS OR PENS OF PRECIOUS METALS OR IMITATIONS OF PRECIOUS METALS. D. LEONARDT AND COMPANY, Birmingham, England.
Filed December 31, 1926. Serial No. 242,235. PUBLISHED JUNE 28, 1927. Class 37.
- 232,328. OINTMENT FOR USE IN THE TREATMENT OF WEAKNESS, PAINS, ROUGHNESS, PAINS IN JOINTS OF THE BONES, AND PARALYSIS, ALSO FOR USE AS A GENERAL EXTERNAL BALM FOR THE HUMAN BODY. J. BATSON, Woodlawn, Pa.
Filed December 30, 1926. Serial No. 242,167. PUBLISHED JUNE 14, 1927. Class 6.
- 232,329. DRY-CLEANING FLUID USED TO REMOVE OIL, GREASE, ETC. H. D. KAMPF, INC., New York, N. Y.
Filed December 29, 1926. Serial No. 242,134. PUBLISHED JUNE 28, 1927. Class 4.
- 232,330. PENCILS. A. W. FABER, INC., Newark, N. J.
Filed December 27, 1926. Serial No. 241,993. PUBLISHED JUNE 28, 1927. Class 37.
- 232,331. FRESH CITROUS FRUITS—NAMESLY, ORANGES, LEMONS, AND GRAPEFRUIT; FRESH DECIDUOUS FRUITS—NAMESLY, PEACHES, PLUMS, AND GRAPES. CHARTERS-DAVIS COMPANY, Corona, Calif.
Filed December 27, 1926. Serial No. 241,982. PUBLISHED MAY 17, 1927. Class 46.
- 232,332. FRESH GRAPES AND FRESH POMEGRANATES. W. C. MEERWIN, Strathmore, Calif.
Filed December 23, 1926. Serial No. 241,893. PUBLISHED JUNE 28, 1927. Class 46.
- 232,333. TEXTILE FABRICS MADE OF SILK, ARTIFICIAL SILK, COTTON, WOOL, OR MIXTURES THEREOF. RELIABLE SILK MANUFACTURING CO., New York, N. Y.
Filed December 18, 1926. Serial No. 241,670. PUBLISHED JUNE 28, 1927. Class 42.

- 232,334. MILK-CHOCOLATE COATING AND MILK COCOA. LAMONT, CORLISS & COMPANY, New York, N. Y.
Filed December 17, 1926. Serial No. 241,626. PUBLISHED JUNE 28, 1927. Class 46.
- 232,335. TOP FINISHES AND GLAZE FINISHES. EXCELSO PRODUCTS COMPANY, West Allis, Wis.
Filed December 10, 1926. Serial No. 241,271. PUBLISHED JUNE 21, 1927. Class 4.
- 232,336. PREPARATION FOR TREATING THE SCALP AND REMOVING DANDRUFF. ALICE M. HILT, doing business as The Antidan Company, Allendale, N. J.
Filed December 8, 1926. Serial No. 241,158. PUBLISHED JUNE 21, 1927. Class 6.
- 232,337. STOCKINGS. JULIUS KAYSER & CO., New York, N. Y.
Filed December 1, 1926. Serial No. 240,821. PUBLISHED APRIL 12, 1927. Class 39.
- 232,338. MEDICINAL TONICS FOR NERVOUS AND RHEUMATIC AFFECTIONS. FREDERICK EDWARD COE, London, England.
Filed November 30, 1926. Serial No. 240,768. PUBLISHED JUNE 21, 1927. Class 6.
- 232,339. HOSIERY. DAYTON HOSIERY MILLS, Dayton, Tenn.
Filed November 27, 1926. Serial No. 240,644. PUBLISHED JUNE 7, 1927. Class 39.
- 232,340. AUTOMOBILE TRUCKS AND REMOVABLE BODIES THEREFOR. MOTOR TERMINALS COMPANY, New York, N. Y.
Filed November 22, 1926. Serial No. 240,428. PUBLISHED JUNE 28, 1927. Class 19.
- 232,341. FLOORING MATERIALS IN THE FORM OF BLOCKS AND BOARDS MADE OF A SPECIFIC COMPOSITION OF MATERIALS AND ADAPTED TO LAY A FLOOR THEREWITH. DEUTSCHE XYLolith-PLATTEN-FABRIK OTTO SENING & CO., G. M. B. H., Frettal-Potschappel, Germany.
Filed November 22, 1926. Serial No. 240,407. PUBLISHED JUNE 14, 1927. Class 12.
- 232,342. A PLASTIC CELLULOSE DERIVATIVE. THE SHOE FORM CO., INC., Auburn, N. Y.
Filed November 17, 1926. Serial No. 240,221. PUBLISHED JUNE 14, 1927. Class 1.
- 232,343. WINE ELIXIR—NAMESLY, MEDICINAL WINE FOR USE AS A GENERAL TONIC. CALIFORNIA MEDICINAL WINE CO., Los Angeles, Calif.
Filed November 17, 1926. Serial No. 240,167. PUBLISHED JUNE 14, 1927. Class 6.
- 232,344. WINDOW AWNINGS. ROSS C. CAMPBELL, Springfield, Ill.
Filed November 16, 1926. Serial No. 240,127. PUBLISHED JUNE 21, 1927. Class 50.
- 232,345. PNEUMATIC VEHICLE TIRES COMPOSED WHOLLY OR IN PART OF RUBBER. THE GOOD-YEAR TIRE & RUBBER COMPANY, Akron, Ohio.
Filed November 3, 1926. Serial No. 239,618. PUBLISHED JUNE 28, 1927. Class 35.
- 232,346. ADHESIVE COMPOUND FOR REPAIRING RUBBER GOODS. WELPSIT MFG. CO., Philadelphia, Pa.
Filed October 29, 1926. Serial No. 239,448. PUBLISHED JUNE 21, 1927. Class 5.
- 232,347. PHOTOGRAPHIC APPARATUS FOR THE TAKING OF PHOTOGRAPHIC FILMS AND SINGLE PHOTOGRAPHIC VIEWS, APPARATUS FOR THE PROJECTION OF FILMS AND SINGLE PHOTOGRAPHIC VIEWS, ACCESSORIES FOR APPARATUS FOR THE TAKING AND FOR THE PROJECTION OF FILMS AND SINGLE PHOTOGRAPHIC VIEWS. ED. KANITZ & CO., AKTIENGESELLSCHAFT, WIEN, VIENNA, AUSTRIA.
Filed October 28, 1926. Serial No. 239,371. PUBLISHED JUNE 28, 1927. Class 26.

- 232,348. COAL. POCAHONTAS FUEL COMPANY INCORPORATED, Pocahontas, Va., and New York, N. Y.
Filed October 15, 1926. Serial No. 238,667. PUBLISHED JUNE 14, 1927. Class 1.
- 232,349. TOILET AND FACIAL PRODUCTS. MAURICE F. SCHLESINGER, doing business as Bendiner & SCHLESINGER, New York, N. Y.
Filed February 12, 1927. Serial No. 244,325. PUBLISHED JUNE 21, 1927. Class 6.
- 232,350. DOG FOOD. OLD TRUSTY DOG FOOD COMPANY, Needham Heights, Mass.
Filed February 9, 1927. Serial No. 244,090. PUBLISHED JUNE 21, 1927. Class 46.
- 232,351. TOMATO PASTE. ANGELO GLORIOSO, New Orleans, La.
Filed July 1, 1926. Serial No. 233,986. PUBLISHED JUNE 21, 1927. Class 46.
- 232,352. HAIR GROWER. ROSA B. ELLIOTT, Berwyn, Okla.
Filed June 28, 1926. Serial No. 233,815. PUBLISHED JUNE 21, 1927. Class 6.
- 232,353. COLD REMEDIES. MOYE J. NISCH, San Francisco, Calif.
Filed June 12, 1926. Serial No. 233,143. PUBLISHED JUNE 14, 1927. Class 6.
- 232,354. COAL. EUREKA COAL COMPANY, Athens, Ohio.
Filed June 12, 1926. Serial No. 233,110. PUBLISHED JULY 20, 1926. Class 1.
- 232,355. DRY CLEANER. GERALD H. REIMERS, doing business as G. & R. Household Chemical Co., Manning, Iowa.
Filed June 9, 1926. Serial No. 232,944. PUBLISHED JUNE 28, 1927. Class 4.
- 232,356. NEWSPAPERS. THE EL PASO TIMES COMPANY, El Paso, Tex.
Filed June 4, 1926. Serial No. 232,723. PUBLISHED JUNE 21, 1927. Class 38.
- 232,357. CANDY BARS. GILBERT EMMETT CURME, doing business as U Chocolate Shoppe, Chicago, Ill.
Filed May 26, 1926. Serial No. 232,258. PUBLISHED JUNE 28, 1927. Class 46.
- 232,358. GLASS TUMBLERS, JUGS, ICE TUBS, ETC. THE FEDERAL GLASS COMPANY, Columbus, Ohio.
Filed May 19, 1926. Serial No. 231,851. PUBLISHED JUNE 28, 1927. Class 33.
- 232,359. FOOD-FLAVORING EXTRACTS. PREMIER COLOR WORKS, New York, N. Y.
Filed May 14, 1926. Serial No. 231,631. PUBLISHED JUNE 21, 1927. Class 46.
- 232,360. TOWELS OF TEXTILE FABRICS. CARSON PIRIE SCOTT & CO., Chicago, Ill.
Filed May 13, 1926. Serial No. 231,526. PUBLISHED JUNE 28, 1927. Class 42.
- 232,361. FORM OF PEAT MOSS USED AS A SCRATCH MEDIUM FOR POULTRY, PACKING MATERIAL FOR FOOD PRODUCTS IN GENERAL, AND ESPECIALLY FRUITS AND VEGETABLES; PACKING MATERIAL FOR BULBS AND NURSERY STOCK, AS AN INSULATION OR FILLER IN BUILDINGS, AND BEDDING FOR ANIMALS. JULIUS LOEWITH, INC., New York, N. Y.
Filed May 4, 1926. Serial No. 231,112. PUBLISHED APRIL 12, 1927. Class 1.
- 232,362. A PRODUCT FOR BLACKENING THE EYES AND KNOWN UNDER THE NAME OF KOHL. S. DE TESSAN, Paris, France.
Filed May 4, 1926. Serial No. 231,095. PUBLISHED JUNE 21, 1927. Class 6.
- 232,363. WRITING PAPER. SWARTWOOD-NELSON PAPER CO., Minneapolis, Minn.
Filed May 1, 1926. Serial No. 231,022. PUBLISHED JUNE 28, 1927. Class 37.

- 232,364. MEN'S, WOMEN'S, AND CHILDREN'S BOOTS, SHOES, AND SLIPPERS MADE WHOLLY OR IN PART OF LEATHER, RUBBER, OR TEXTILE MATERIAL. E. E. TAYLOR COMPANY, Boston, Mass.
Filed April 16, 1926. Serial No. 230,320. PUBLISHED JUNE 29, 1926. Class 39.
- 232,365. MECHANISM FOR MANUAL OPERATION OF RAILWAY-CAR BRAKES. AJAX HAND BRAKE COMPANY, Chicago, Ill.
Filed April 16, 1926. Serial No. 230,270. PUBLISHED JUNE 28, 1927. Class 19.
- 232,366. SYNTHETIC AND OTHER ARTIFICIAL RESINS SOLD IN BLOCK FORM, SHEET FORM, AND IN PARTLY-PREPARED MOLDED FORMS. USEFUL FOR PURPOSES SIMILAR TO THOSE FOR WHICH AMBER IS USED; ALSO USEFUL AS AN INSULATING MATERIAL. DR. HEINE. TRAUN & SOHNE, VORMALS HARBURGER GUMMI-KAMM-COMPAGNIE, Hamburg, Germany.
Filed April 12, 1926. Serial No. 230,059. PUBLISHED JUNE 21, 1927. Class 6.
- 232,367. DUSTLESS CRAYONS. WEBER COSTELLO CO., Chicago Heights, Ill.
Filed April 10, 1926. Serial No. 229,994. PUBLISHED JUNE 21, 1927. Class 37.
- 232,368. WHEAT, BUCKWHEAT, AND RYE FLOUR. THE UNITED GRAIN AND SUPPLY COMPANY, doing business as The Swayzee Milling Company, Swayzee, Ind.
Filed April 7, 1926. Serial No. 229,833. PUBLISHED JUNE 14, 1927. Class 46.
- 232,369. GINGER ALE. THE HENRY GEHRING COMPANY, Cleveland, Ohio.
Filed April 7, 1926. Serial No. 229,791. PUBLISHED JUNE 28, 1927. Class 45.
- 232,370. HAND BAGS AND TRAVELING CASES. THE LILLEY CO., Columbus, Ohio.
Filed March 26, 1926. Serial No. 229,239. PUBLISHED JUNE 14, 1927. Class 3.
- 232,371. STREET GOVERNORS. GATE GAS VALVES, T'S, AND BENDS FOR GAS-MANUFACTURE PLANTS. ISRELL-PORTER CO., Newark, N. J.
Filed December 8, 1925. Serial No. 224,409. PUBLISHED JUNE 28, 1927. Class 13.
- 232,372. SHOES MADE OF LEATHER, LEATHER AND FABRIC, LEATHER AND RUBBER, AND LEATHER, FABRIC, AND RUBBER. J. P. SMITH SHOE COMPANY, Chicago, Ill.
Filed September 2, 1925. Serial No. 219,684. PUBLISHED SEPTEMBER 21, 1926. Class 39.
- 232,373. CORNED BEEF LUNCHEON ROLL PUT UP IN PACKAGE FORM. ALBERT F. MULLER, Sr., Portsmouth, Ohio.
Filed July 7, 1925. Serial No. 216,982. PUBLISHED NOVEMBER 23, 1926. Class 46.
- 232,374. BOOKKEEPING SUPPLIES—NAMESLY, LOOSE-LEAF SHEETS, BINDERS, INDEXES, DIVISION LEAVES, STATEMENTS, INVOICES, FINANCIAL-REPORT BLANKS, FILING CARDS, INDEX CARDS, GUIDE CARDS AND FOLDERS, MAILING ENVELOPES, AND WRITING PAPER. FLACH & BENEDICT, INC., Los Angeles, Calif.
Filed February 9, 1927. Serial No. 244,067. PUBLISHED JUNE 28, 1927. Class 37.
- 232,375. CHEMICAL PREPARATION FOR USE IN MEDICINE IN THE TREATMENT OF BRONCHIAL ASTHMA, HYPOTONIC CONDITIONS, RHINITIS, HAY FEVER, ETC. E. MERCK, Darmstadt, Germany.
Filed February 7, 1927. Serial No. 243,961. PUBLISHED JUNE 21, 1927. Class 6.

- 232,376. DISINFECTANTS, DEODORANTS, AND SUBSTANCES FOR OBVIATING OR RENDERING UNPERCEPTIBLE OBJECTIONABLE ODORS OR GASES IN ROOMS AND BUILDINGS IN LIQUID AND SOLID FORM. ALEXANDER BRICK, Vienna, Austria.
Filed February 3, 1927. Serial No. 243,747. PUBLISHED JUNE 28, 1927. Class 6.
- 232,377. MEDICINE FOR GARGET AND INFLAMMATION AND SWOLLEN UDDERS IN COWS. ERNEST W. PARKS, Ontario, Calif.
Filed February 1, 1927. Serial No. 243,664. PUBLISHED JUNE 21, 1927. Class 6.
- 232,378. BATHROOM FIXTURES, COMPRISING SOAP DISHES, SPONGE BASKETS, TOILET-PAPER HOLDERS, TUMBLER HOLDERS, TOWEL BARS, TOOTHBRUSH HOLDERS, TOOTH-PASTE HOLDERS, SHAVING-BRUSH HOLDERS, AND SHAVING-CREAM HOLDERS. UTILITY MANUFACTURING COMPANY INC., Baltimore, Md.
Filed January 29, 1927. Serial No. 243,568. PUBLISHED JUNE 28, 1927. Class 13.
- 232,379. MEDICINE FOR USE IN TREATING STOMACH AND BOWEL DISORDERS AND FOR THE RELIEF OF INDIGESTION, GAS, ULCERS, ACID STOMACH, FLUX, AND APPENDICITIS. A. L. BREEDING, San Antonio, Tex.
Filed January 29, 1927. Serial No. 243,528. PUBLISHED JUNE 28, 1927. Class 6.
- 232,380. NAIL POLISH, TOILET WATER, LIP ROUGE, FACE ROUGE, FACE POWDER, TALCUM POWDER, COLD CREAM, VANISHING CREAM, AND SKIN SACHET. AUGUSTINE J. KENNEDY, Brooklyn, N. Y.
Filed January 26, 1927. Serial No. 243,371. PUBLISHED JUNE 21, 1927. Class 6.
- 232,381. WHEAT FLOUR AND CORN MEAL. ANCHOR MILLING & GROCERY COMPANY, doing business as Anchor Milling Company, Albuquerque, N. M.
Filed May 20, 1925. Serial No. 214,576. PUBLISHED MAY 4, 1926. Class 46.
- 232,382. OILED CLOTH HAVING A LEATHER-SIMULATING FINISH NOT USED UPON CARRIAGE CLOTH AND AUTO TOP COVERINGS. THE COLUMBUS-UNION OIL CLOTH CO., Columbus, Ohio.
Filed May 6, 1925. Serial No. 213,892. PUBLISHED JUNE 28, 1927. Class 20.
- 232,383. OILED CLOTH HAVING A LEATHER-SIMULATING FINISH NOT USED UPON CARRIAGE CLOTH AND AUTO TOP COVERINGS. THE COLUMBUS-UNION OIL CLOTH CO., Columbus, Ohio.
Filed May 6, 1925. Serial No. 213,891. PUBLISHED JUNE 28, 1927. Class 20.
- 232,384. CANDY. WEINSTEIN & SMITH, doing business as Littell Candy Co., Washington, D. C.
Filed April 18, 1925. Serial No. 212,984. PUBLISHED JUNE 21, 1927. Class 46.
- 232,385. FLAVORS FOR FROZEN CONFECTIONS OR OTHER FOODS. CITRUS PRODUCTS COMPANY, Chicago, Ill.
Filed April 4, 1925. Serial No. 212,173. PUBLISHED JUNE 21, 1927. Class 46.
- 232,386. CHEESE. SIERRA FOOD COMPANY, Los Angeles, Calif.
Filed February 12, 1925. Serial No. 209,502. PUBLISHED JUNE 7, 1927. Class 46.
- 232,387. WHEAT FLOUR. THE RED STAR MILLING COMPANY, Wichita, Kans.
Filed February 10, 1925. Serial No. 209,365. PUBLISHED APRIL 13, 1926. Class 46.
- 232,388. BREAD. GORDON-PAGEL COMPANY, Detroit, Mich., assignor to Gordon Baking Company, a Corporation of Michigan.
Filed January 26, 1925. Serial No. 208,649. PUBLISHED JUNE 7, 1927. Class 46.
- 232,389. CARAMELS. I. C. CANDY CO., Brooklyn, N. Y.
Filed January 9, 1925. Serial No. 207,870. PUBLISHED MAY 26, 1925. Class 46.
- 232,390. PUBLICATIONS ISSUED FROM TIME TO TIME. DICTAPHONE SALES CORPORATION, New York, N. Y.
Filed December 2, 1924. Serial No. 206,113. PUBLISHED JUNE 28, 1927. Class 38.
- 232,391. CANNED FISH—NAMELY, BRISLING SARDINES CANNED IN OLIVE OIL, SMALL FAT HERRINGS CANNED IN TOMATO SAUCE, AND SMALL MACKEREL CANNED IN TOMATO SAUCE. S. A. HARAM & CO. INC., New York, N. Y.
Filed November 15, 1924. Serial No. 205,334. PUBLISHED JUNE 21, 1927. Class 46.
- 232,392. WHEAT FLOUR. HAUCK MILLING COMPANY, St. Joseph, Mo.
Filed October 13, 1924. Serial No. 203,815. PUBLISHED JUNE 21, 1927. Class 46.
- 232,393. WIRE ROPE. JOHN A. ROEBLING'S SONS CO., Trenton, N. J.
Filed February 23, 1924. Serial No. 192,734. PUBLISHED MAY 19, 1925. Class 7.
- 232,394. CANNED CRUSHED FRUITS IN SIRUP. RICHARD FRANK, doing business as Richard Frank & Co., New York, N. Y.
Filed March 30, 1925. Serial No. 211,841. PUBLISHED MAY 17, 1927. Class 46.
- 232,395. DYES AND DYESTUFFS, CHEMICAL PRODUCTS FOR MAKING DYEINGS AND COLORINGS FAST TO RUBBING, MORDANTS, COMPOSITIONS FOR WATERPROOFING DYES AND COLORS AND YARNS AND FABRICS, AND BLEACHING COMPOSITIONS. CHEMISCHE FABRIK STOCKHAUSEN & CO., Krefeld, Germany.
Filed March 5, 1926. Serial No. 228,174. PUBLISHED JUNE 28, 1927. Class 6.
- 232,396. COLD CREAM, VANISHING CREAM, HAIR TONIC, BAY RUM, AND COSMETICS FOR THE SKIN. BELVEDERE TOILET PRODUCTS INC., St. Paul, Minn.
Filed February 25, 1926. Serial No. 227,769. PUBLISHED JUNE 14, 1927. Class 6.
- 232,397. LIQUID SOAP USED FOR CLEANSING COTTON AND SILK GOODS AND REQUIRING RINSING OF THE GOODS. WOODLEY SOAP MANUFACTURING COMPANY, Roxbury, Mass.
Filed January 25, 1926. Serial No. 226,412. PUBLISHED AUGUST 17, 1926. Class 4.
- 232,398. MONTHLY MAGAZINE. THE MARION STEAM SHOVEL COMPANY, Marion, Ohio.
Filed May 13, 1927. Serial No. 248,964. PUBLISHED JUNE 28, 1927. Class 38.
- 232,399. COUPON BOOKS AND COUPONS. PUBLIX THEATRES CORPORATION, New York, N. Y.
Filed May 12, 1927. Serial No. 248,929. PUBLISHED JUNE 28, 1927. Class 38.
- 232,400. COUPON BOOKS AND COUPONS. PUBLIX THEATRES CORPORATION, New York, N. Y.
Filed May 12, 1927. Serial No. 248,927. PUBLISHED JUNE 28, 1927. Class 38.
- 232,401. MONTHLY MAGAZINE. PREP SCHOOL PUBLICATIONS, INC., Janesville, Wis.
Filed May 12, 1927. Serial No. 248,925. PUBLISHED JUNE 28, 1927. Class 38.
- 232,402. ROUGE, LIP STICK, AND FACE POWDER. RICHARD HUDNUT, New York, N. Y.
Filed May 12, 1927. Serial No. 248,906. PUBLISHED JUNE 21, 1927. Class 6.
- 232,403. ROUGE, LIP STICK, AND FACE POWDER. RICHARD HUDNUT, New York, N. Y.
Filed May 12, 1927. Serial No. 248,904. PUBLISHED JUNE 21, 1927. Class 6.

- 232,404. HEALING SALVE FOR CUTS, BURNS, BOILS, INFLAMMATION, SUNBURN, ABSCESES, AND SPRAINS. MINNIE J. LYNCH, Waterbury, Conn.
Filed May 11, 1927. Serial No. 248,851. PUBLISHED JUNE 28, 1927. Class 6.
- 232,405. CANDY. PAUL F. BEICH COMPANY, Bloomington, Ill.
Filed May 11, 1927. Serial No. 248,807. PUBLISHED JUNE 21, 1927. Class 46.
- 232,406. PLAIN AND SELF-RISING SOFT WHEAT FLOUR. HARLAN MILLING COMPANY, Bardwell, Ky.
Filed May 10, 1927. Serial No. 248,772. PUBLISHED JUNE 21, 1927. Class 46.
- 232,407. SOLVENTS, BEING CHEMICALS FOR USE IN MANUFACTURES. HOWARDS & SONS LIMITED, Ilford, England.
Filed May 9, 1927. Serial No. 248,699. PUBLISHED JUNE 21, 1927. Class 6.
- 232,408. SOLVENTS, BEING CHEMICALS FOR USE IN MANUFACTURES. HOWARDS & SONS LIMITED, Ilford, England.
Filed May 9, 1927. Serial No. 248,698. PUBLISHED JUNE 21, 1927. Class 6.
- 232,409. SOLVENTS, BEING CHEMICALS FOR USE IN MANUFACTURES. HOWARDS & SONS LIMITED, Ilford, England.
Filed May 9, 1927. Serial No. 248,697. PUBLISHED JUNE 21, 1927. Class 6.
- 232,410. REFRIGERATING APPARATUS. GAS REFRIGERATION CORPORATION, Scranton, Pa.
Filed May 9, 1927. Serial No. 248,680. PUBLISHED JUNE 21, 1927. Class 31.
- 232,411. DENTAL POWDER. ALKASAN PRODUCTS, INC., Chicago, Ill.
Filed May 9, 1927. Serial No. 248,666. PUBLISHED JUNE 14, 1927. Class 6.
- 232,412. CATTLE FEED. GRAIN BELT MILLS COMPANY, South St. Joseph, Mo.
Filed May 7, 1927. Serial No. 248,661. PUBLISHED JUNE 14, 1927. Class 46.
- 232,413. WOOLEN, WORSTED COTTON PIECE GOODS. THE WOOLEN CORPORATION OF AMERICA, New York, N. Y.
Filed May 7, 1927. Serial No. 248,660. PUBLISHED JUNE 28, 1927. Class 42.
- 232,414. LADIES' PURSES, HAND BAGS, AND POCKETBOOKS. SCHOCKET-RITTER CO., INC., New York, N. Y.
Filed May 7, 1927. Serial No. 248,652. PUBLISHED JUNE 21, 1927. Class 3.
- 232,415. BRISTOL BOARD COMMONLY EMPLOYED AS AN INDEX BRISTOL. GRAHAM PAPER COMPANY, St. Louis, Mo.
Filed May 7, 1927. Serial No. 248,633. PUBLISHED JUNE 21, 1927. Class 37.
- 232,416. FACE AND HAND LOTION. JOSEPH H. LEVIN, doing business at Ni-Vel Mfg. Co., Baltimore, Md.
Filed April 5, 1927. Serial No. 246,962. PUBLISHED JUNE 14, 1927. Class 6.
- 232,417. HORSE FEED, COW FEED, CHICKEN FEED, SHEEP FEED, PIG FEED, AND CALF FEED. THE COLORADO MILLING & ELEVATOR CO., Denver, Colo., also doing business as The Pacific Seed House, Salt Lake City, Utah.
Filed May 7, 1927. Serial No. 248,620. PUBLISHED JUNE 14, 1927. Class 46.
- 232,418. SPOOL COTTON, THREAD, AND SEWING COTTON. THE AMERICAN THREAD COMPANY, New York, N. Y.
Filed May 7, 1927. Serial No. 248,614. PUBLISHED JUNE 28, 1927. Class 43.
- 232,419. QUARTERLY MAGAZINE. AHERNS PUBLISHING COMPANY, INC., New York, N. Y.
Filed May 7, 1927. Serial No. 248,611. PUBLISHED JUNE 14, 1927. Class 38.
- 232,420. MONTHLY MAGAZINE. AHERNS PUBLISHING COMPANY, INC., New York, N. Y.
Filed May 7, 1927. Serial No. 248,610. PUBLISHED JUNE 14, 1927. Class 38.
- 232,421. WHEAT FLOUR. THE COLORADO MILLING & ELEVATOR CO., Denver, Colo., also doing business as The Claflin Flour Mills, Claflin, Kans.
Filed May 7, 1927. Serial No. 248,621. PUBLISHED JUNE 14, 1927. Class 46.
- 232,422. TEXTILE FABRICS OF WOOL AND COTTON IN THE PIECE. WILLIAM WHITMAN COMPANY, INC., Boston, Mass.
Filed May 6, 1927. Serial No. 248,605. PUBLISHED JUNE 28, 1927. Class 42.
- 232,423. GLUE. SWIFT AND COMPANY, Chicago, Ill.
Filed May 5, 1927. Serial No. 248,526. PUBLISHED JUNE 14, 1927. Class 5.
- 232,424. GLUE. SWIFT AND COMPANY, Chicago, Ill.
Filed May 5, 1927. Serial No. 248,524. PUBLISHED JUNE 14, 1927. Class 5.
- 232,425. A TEXTILE OF COTTON AND RAYON MIXTURE IN THE PIECE. LOBBRAINS MANUFACTURING COMPANY, Pawtucket, R. I.
Filed May 5, 1927. Serial No. 248,505. PUBLISHED JUNE 28, 1927. Class 42.
- 232,426. HAIRDRESSINGS. HARRY GERR, INC., New York, N. Y.
Filed May 5, 1927. Serial No. 248,491. PUBLISHED JUNE 21, 1927. Class 6.
- 232,427. FRESH DECIDUOUS FRUITS AND GRAPES, DRIED FRUITS, AND DRIED RAISINS. SAWYER & MURRAY, Fresno, Calif.
Filed September 20, 1926. Serial No. 237,475. PUBLISHED JUNE 28, 1927. Class 46.
- 232,428. PRINTED MAILING ENVELOPES, LETTERHEADS, BILLHEADS, STOCK-CERTIFICATE FORMS, SHIPPING TAGS, LOOSE-LEAF BINDERS, BOUND LEDGERS, CHECK BOOKS, SHEET FOR LOOSE-LEAF BINDERS, LEGAL FORMS, STATEMENT FORMS, ORDER BLANKS, VOUCHERS, PROXY FORMS, REPORT FORMS, POSTCARD FORMS, SUBSCRIPTION CARDS, BANK STATEMENT FORMS, COUPON BOOKS WITH BLANK FORMS TO BE FILLED IN, AND RULED AND UNRULED BLANK BOOKS. PETER C. HORMANN, doing business as Century Printing Co., St. Louis, Mo.
Filed September 18, 1926. Serial No. 237,414. PUBLISHED JUNE 21, 1927. Class 37.
- 232,429. PIPES OF NONFERROUS METAL. MUELLER BRASS CO., Port Huron, Mich.
Filed September 15, 1926. Serial No. 237,276. PUBLISHED JUNE 28, 1927. Class 13.
- 232,430. BACON AND MEAT LUNCHEON LOAF. SWIFT AND COMPANY, Chicago, Ill.
Filed May 19, 1927. Serial No. 249,245. PUBLISHED JUNE 28, 1927. Class 46.
- 232,431. SPRAYERS, SPRAY PUMPS, AND POWDER DUSTERS. D. B. SMITH & COMPANY, INC., Utica, N. Y.
Filed May 19, 1927. Serial No. 249,243. PUBLISHED JUNE 28, 1927. Class 23.
- 232,432. SPRAYERS, SPRAY PUMPS, AND POWDER DUSTERS. D. B. SMITH & COMPANY, INC., Utica, N. Y.
Filed May 19, 1927. Serial No. 249,242. PUBLISHED JUNE 28, 1927. Class 23.
- 232,433. ANTI-FRICTION BEARINGS AND PARTS THEREOF. THE NEW DEPARTURE MANUFACTURING COMPANY, Bristol, Conn.
Filed May 19, 1927. Serial No. 249,234. PUBLISHED JUNE 28, 1927. Class 23.
- 232,434. MONTHLY PUBLICATION. NATAMBA PUBLISHING COMPANY, INC., New York, N. Y.
Filed May 19, 1927. Serial No. 249,233. PUBLISHED JUNE 28, 1927. Class 38.

- 232,435. FLOOR MOPS. THE DELPHOS MOP COMPANY, Delphos, Ohio.
Filed May 19, 1927. Serial No. 249,216. PUBLISHED JUNE 28, 1927. Class 29.
- 232,436. PERIODICAL DEVOTED TO THE BUSINESS OF RADIO MANUFACTURING. RADIO MANUFACTURERS' PUBLISHING COMPANY, Chicago, Ill.
Filed May 18, 1927. Serial No. 249,193. PUBLISHED JUNE 28, 1927. Class 38.
- 232,437. LUBRICANT AND DYE PENETRANT FOR ALL KINDS OF TEXTILE MATERIALS. H. & B. TEXTILE CHEMICAL CORPORATION, New York, N. Y.
Filed May 18, 1927. Serial No. 249,167. PUBLISHED JUNE 28, 1927. Class 6.
- 232,438. DISINFECTANTS AND INSECTICIDES. BAIRD & MCGUIRE, INC., Holbrook, Mass.
Filed May 18, 1927. Serial No. 249,147. PUBLISHED JUNE 28, 1927. Class 6.
- 232,439. FRUIT-JAR RINGS. THE KROGER GROCERY & BAKING CO., Cincinnati, Ohio.
Filed May 17, 1927. Serial No. 249,128. PUBLISHED JUNE 28, 1927. Class 35.
- 232,440. MEASURING AND DELIVERING DEVICES FOR GRANULAR OR LIQUID PRODUCTS. SAVER MANUFACTURING COMPANY, Los Angeles, Calif.
Filed May 16, 1927. Serial No. 249,099. PUBLISHED JUNE 28, 1927. Class 26.
- 232,441. PROFESSIONAL-APPOINTMENT BOOKS. THE PROFESSIONAL PRESS, INCORPORATED, Chicago, Ill.
Filed May 16, 1927. Serial No. 249,095. PUBLISHED JUNE 28, 1927. Class 37.
- 232,442. CANNED CRAB MEAT. NORTH AMERICAN MERCANTILE COMPANY, San Francisco, Calif.
Filed May 16, 1927. Serial No. 249,088. PUBLISHED JUNE 21, 1927. Class 46.
- 232,443. OIL-WELL DRIVES AND COUNTERWEIGHTED DISKS ON THE DRIVE. LINK-BELT COMPANY, Chicago, Ill.
Filed May 16, 1927. Serial No. 249,076. PUBLISHED JUNE 28, 1927. Class 23.
- 232,444. FRESH CITROUS FRUITS. EAST HIGHLANDS CITRUS ASSN., East Highlands, Calif.
Filed May 16, 1927. Serial No. 249,046. PUBLISHED JUNE 21, 1927. Class 46.
- 232,445. SAFETY-RAZOR BLADES. THE APEX RAZOR BLADE CORPORATION, Baltimore, Md.
Filed May 16, 1927. Serial No. 249,035. PUBLISHED JUNE 28, 1927. Class 23.
- 232,446. HYDROMETERS. W. T. GRANT COMPANY, Lynn, Mass., and New York, N. Y.
Filed May 14, 1927. Serial No. 249,002. PUBLISHED JUNE 28, 1927. Class 26.
- 232,447. CANDY. BUR-BEE CANDY CO., Walla Walla, Wash.
Filed May 14, 1927. Serial No. 248,996. PUBLISHED JUNE 21, 1927. Class 46.
- 232,448. CANDY. BUR-BEE CANDY CO., Walla Walla, Wash.
Filed May 14, 1927. Serial No. 248,995. PUBLISHED JUNE 21, 1927. Class 46.
- 232,449. PNEUMATIC TIRES AND INNER TUBES. BELKNAP HARDWARE & MANUFACTURING COMPANY, Louisville, Ky.
Filed May 14, 1927. Serial No. 248,990. PUBLISHED JUNE 28, 1927. Class 35.
- 232,450. PNEUMATIC TIRES AND INNER TUBES. BELKNAP HARDWARE & MANUFACTURING COMPANY, Louisville, Ky.
Filed May 14, 1927. Serial No. 248,989. PUBLISHED JUNE 28, 1927. Class 35.

- 232,451. MAGAZINES PUBLISHED PERIODICALLY. THE CERTIFIED MILK PRODUCERS' ASSOCIATION OF AMERICA, INC., Brooklyn, N. Y.
Filed May 14, 1927. Serial No. 248,988. PUBLISHED JUNE 28, 1927. Class 38.
- 232,452. ANKLE STRAPS FOR SHOES. B. A. BALLOU & CO., INC., Providence, R. I.
Filed April 7, 1927. Serial No. 247,062. PUBLISHED JUNE 21, 1927. Class 39.
- 232,453. SAND. THE OTTAWA SILICA CO., Ottawa, Ill.
Filed February 15, 1927. Serial No. 244,411. PUBLISHED JUNE 14, 1927. Class 1.
- 232,454. METAL ADVERTISING DEVICE OPERATED BY OPENING OF STORE DOORS. JOSEPH KUHN, Chicago, Ill.
Filed February 17, 1927. Serial No. 244,504. PUBLISHED JUNE 28, 1927. Class 23.
- 232,455. WHEAT FLOUR, WHOLE-WHEAT FLOUR, SELF-RISING FLOUR, PANCAKE FLOUR, RYE FLOUR, BUCKWHEAT FLOUR, GRAHAM FLOUR, CEREAL BREAKFAST FOODS, PURE WHEAT BRAN, DAIRY FEEDS, SCRATCH FEEDS, CORN MEAL, CORN FEEDS, AND CAKE FLOUR. FLOUR MILLS OF AMERICA, INC., Kansas City, Mo.
Filed February 14, 1927. Serial No. 244,531. PUBLISHED JUNE 14, 1927. Class 46.
- 232,456. COAL. CAMPBELL COAL COMPANY, Atlanta, Ga.
Filed February 18, 1927. Serial No. 244,539. PUBLISHED JUNE 21, 1927. Class 1.
- 232,457. POULTRY MEDICINE FOR THE TREATMENT OF CHOLERA, WORMS, AND WHITE DIARRHEA. MAURICE D. BLACKBURN, doing business as Mother Vance Co., Dixon, Ill.
Filed February 21, 1927. Serial No. 244,652. PUBLISHED JUNE 14, 1927. Class 6.
- 232,458. RUBBERIZED AND WATERPROOF RAIN-COATS AND OVERCOATS. SAMUEL H. FREEDMAN, doing business as The Standard Raincoat Co., Boston, Mass.
Filed February 21, 1927. Serial No. 244,686. PUBLISHED JUNE 7, 1927. Class 39.
- 232,459. PUBLICATIONS OF ADVERTISEMENTS AND ADVERTISING PRINTS. LEO CHANIN, New York, N. Y.
Filed February 24, 1927. Serial No. 244,817. PUBLISHED JUNE 21, 1927. Class 38.
- 232,460. GAS RANGES, PLATES, HEATERS, AND STOVES, WATER HEATERS, AIR AND GAS MIXERS FOR GAS-BURNING DEVICES, GAS-FIRED STEAM BOILERS AND FURNACES—NAMESLY, GAS-FIRED FURNACES FOR DOMESTIC AND INDUSTRIAL PURPOSES AND PARTS OR APPLIANCES USED ON THE FOREGOING. GEO. D. ROBER CORPORATION, Rockford, Ill.
Filed February 25, 1927. Serial No. 244,888. PUBLISHED JUNE 28, 1927. Class 34.
- 232,461. FRESH VEGETABLES—NAMESLY, POTATOES, TOMATOES, LETTUCE; FRESH DECIDUOUS FRUITS—NAMESLY, APPLES; FRESH CITROUS FRUITS—NAMESLY, ORANGES, LEMONS, AND GRAPEFRUIT. GEO. A. WEITZ, Los Angeles, Calif.
Filed February 25, 1927. Serial No. 244,899. PUBLISHED JUNE 21, 1927. Class 46.
- 232,462. SOAP, HOUSEHOLD CLEANSER, LAUNDRY CLEANSER, AND HAND CLEANSER. WESTERN SOAP & CHEMICAL CO., Los Angeles, Calif.
Filed February 25, 1927. Serial No. 244,901. PUBLISHED JUNE 28, 1927. Class 4.
- 232,463. A MEDICINE WITH THE PROPERTIES OF A STIMULANT, EMMENAGOGUE, AND DIAPHORETIC. ROY B. CURBY, Fort Worth, Tex.
Filed February 28, 1927. Serial No. 244,990. PUBLISHED JUNE 21, 1927. Class 6.

[ACT OF MARCH 19, 1920, SEC. 1 (b)].

THESE REGISTRATIONS ARE NOT SUBJECT TO OPPOSITION.

232,464. (CLASS 39. CLOTHING.) N. Y. MFG. CORP., doing business as Ambassador Cap Company, New York, N. Y. Filed Feb. 8, 1927. Serial No. 244,022.

Baby Lee

Particular description of goods.—Infants Caps and Bonnets and Children's Hats.
Claims use since January, 1926.

232,465. (CLASS 39. CLOTHING.) RUSSEKS FIFTH AVENUE INC., New York, N. Y. Filed Feb. 25, 1927. Serial No. 244,889.

RUSSEKS

Particular description of goods.—Women's, Misses', and Children's Hats, Shoes of Leather, Calfskin, Satin, Brocade, and Kid, Slippers of Leather, Felt, and Wool; Putties; Fabric, Leather, and Wool Gloves; Leggings; Overgaiters, and Spats; Sweaters, Stockings, Socks; Underwear of Knitted, Netted, and Textile Fabric; Collar and Cuff Sets; Neckties, Belts in the Nature of Clothing Accessories, Scarfs, Cloaks, Suits and Coats, Dresses; Lingerie—Namely, Drawers, Step-Ins, Bloomers, Vests, Chemises, Corset Covers, Dancing Sets and Costume Slips—Negligees, Petticoats, Aprons, and Pyjamas; Wrappers, Outer and Under Skirts, Blouses, Caps, Waists, Nightgowns, Bodices, Corsets, Brassières, Riding Habits, Sport Coats; Bathing Suits and Robes; Fur Coats and Fur Scarfs.
Claims use since 1900.

232,466. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) CUTLER-LOMINGER PACKING COMPANY, Ontario, Calif. Filed Mar. 14, 1927. Serial No. 245,697.

Cutler's

Particular description of goods.—Canned Fruits and Vegetables.
Claims use since July 15, 1926.

232,467. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) DANIEL B. HARRIS, doing business as D. B. Harris Remedies Co., Green Wood, Mo. Filed May 18, 1927. Serial No. 249,173.

Harris



Particular description of goods.—A Swine Plague Medical Preparation.
Claims use since Feb. 15, 1925.

232,468. (CLASS 39. CLOTHING.) M. I. STEWART & CO., INC., New York, N. Y. Filed June 2, 1927. Serial No. 250,002.

CAVENDISH

Particular description of goods.—Women's Hats, Furs, Dresses; Leather, Canvas, Suede, Satin, and Reptile-Skin Shoes; Suits, Bathing Suits, Coats, Knitted and Textile Underwear, Hosiery, Sweaters, and Blouses.
Claims use since Dec. 15, 1925.

232,469. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) JUANITA BUSH, Columbus, Miss. Filed July 7, 1927. Serial No. 251,606.

Pinky Bloom's

Particular description of goods.—Hair Oil, Pressing Oil, Coconut-Oil Shampoo, and Face Powder.
Claims use since June 1, 1926.

232,470. (CLASS 2. RECEPTACLES.) ANDERSON BOX COMPANY, Indianapolis, Ind. Filed July 5, 1927. Serial No. 251,475.

PULLMAN

Particular description of goods.—Chick and Egg Boxes and Cartons.

Claims use since Mar. 15, 1925.

232,471. (CLASS 39. CLOTHING.) J. MARKOWITZ & SON, INC., New York, N. Y. Filed June 22, 1927. Serial No. 250,920.



Particular description of goods.—Misses' and Children's Dresses, Blouses, Suits, Coats, Knickers, Overalls, Brassières; Underwear of Knitted, Netted, and Textile Fabric—Namely, Chemises, Bloomers, Slips, Drawers, Step-Ins, Shirts, Combinations, Union Suits, Hosiery, Boys' Wash Suits, and Infants' Caps, Creepers, Rompers, Dresses, Sacques, Robes, Stockings.

Claims use since July, 1925.

232,472. (CLASS 39. CLOTHING.) HANOVER GARTER CO., Hanover, Pa. Filed June 22, 1927. Serial No. 250,920.

HANOVER

Particular description of goods.—Garters.

Claims use since Jan. 7, 1924.

232,473. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) PREMIER ELECTRIC COMPANY, Chicago, Ill. Filed May 16, 1925. Serial No. 214,441.

ENSEMBLE

Particular description of goods.—Radio Receiving Sets.

Claims use since May 12, 1925.

232,474. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) THE ENTERPRISE MANUFACTURING COMPANY, Akron, Ohio. Filed July 14, 1927. Serial No. 252,039.

STICK-TITE

Particular description of goods.—Hook Holders for Fishing Tackle.

Claims use since on or about June 4, 1926.

232,475. (CLASS 39. CLOTHING.) FRIEDMAN BROS. & SONS NECKWEAR CO., INC., New York, N. Y. Filed June 16, 1927. Serial No. 250,611.



Particular description of goods.—Ties, Cravats, Four-in-Hand Ties, Bow Ties.

Claims use since 1910.

232,476. (CLASS 39. CLOTHING.) BLUE STAR KNITTING COMPANY, Milwaukee, Wis. Filed June 13, 1927. Serial No. 250,431.

Theo. FANTA TY-VEST

Particular description of goods.—Infants' Vests.

Claims use since July 1, 1925.

232,477. (CLASS 37. PAPER AND STATIONERY.) PACKAGE PAPER COMPANY, Springfield, Mass. Filed June 7, 1927. Serial No. 250,134.

KLEERWAX

Particular description of goods.—Wrapping Paper.

Claims use since Jan. 13, 1926.

232,478. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) A-ONE PRODUCTS CO., New York, N. Y. Filed Oct. 19, 1926. Serial No. 238,827.



Particular description of goods.—Stain Remover and Dry Cleaner of Clothes.

Claims use since 1923.

232,479. (CLASS 14. METALS AND METAL CASTINGS AND FORGINGS.) THE SUPERIOR SHEET STEEL COMPANY, Canton, Ohio. Filed Sept. 29, 1926. Serial No. 237,927.



Particular description of goods.—Lead Covered or Coated Steel or Iron Sheets.

Claims use since July 29, 1926.

232,480. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) ARCO BATTERY & PLATE CO., doing business as Fort Wayne Battery Plate Co., Fort Wayne, Ind. Filed Sept. 20, 1926. Serial No. 237,434.

Wayne

Particular description of goods.—Battery Plates and Ignition Storage Batteries.

Claims use since July 19, 1926.

232,481. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) FORSTMANN & HUFFMANN COMPANY, Passaic, N. J. Filed Aug. 31, 1926. Serial No. 236,682.

Cambria

Applicant is owner of registration No. 180,465.

Particular description of goods.—Woolen Piece Goods.

Claims use since Aug. 2, 1926.

232,482. (CLASS 45. BEVERAGES, NONALCOHOLIC.) RYCROFT-ARCTIC SODA COMPANY, LIMITED, Honolulu, Hawaii. Filed Aug. 30, 1926. Serial No. 236,658.

HONOLULU DRY PALE

Particular description of goods.—Ginger Ale.

Claims use since Feb. 2, 1926.

232,483. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) LEE RUBBER & TIRE CORPORATION, Conshohocken, Pa. Filed July 8, 1926. Serial No. 234,307.

SHOULDERBILT

Particular description of goods.—Vehicle Tires Made Partly or Wholly of Rubber.

Claims use since May 19, 1926.

232,484. (CLASS 39. CLOTHING.) J. BEATON CO. INC., New York, N. Y. Filed May 24, 1926. Serial No. 232,116.

Slender Heel

Particular description of goods.—Hosiery.

Claims use since Apr. 15, 1926.

232,485. (CLASS 39. CLOTHING.) TREISTER-YANOW COMPANY, Los Angeles, Calif. Filed Mar. 15, 1926. Serial No. 228,651.



Particular description of goods.—Men's and Women's Overalls, Khaki Pants, Corduroy Pants, Hiking Breeches, Duck Trousers, Boys' Knickers and Boys' Breeches.

Claims use since June 1, 1922.

232,486. (CLASS 19. VEHICLES, NOT INCLUDING ENGINES.) TRIANGLE PARTS CO., San Francisco, Calif. Filed Feb. 1, 1926. Serial No. 226,745.

STEER-EZE

Particular description of goods.—Shims to be Placed Between the Springs and Axle of an Automobile to Incline the Axle.

Claims use since September, 1924.

232,487. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) HUTCHINGS & COMPANY, San Francisco, Calif. Filed Oct. 6, 1925. Serial No. 221,321.

PEBBLE-TWIST

Particular description of goods.—Wool and Worsted Spinning Piece Goods.

Claims use since January, 1924.

232,488. (CLASS 32. FURNITURE AND UPHOLSTERY.) MONTILLO BRAS., New York, N. Y. Filed Aug. 5, 1925. Serial No. 218,423.

Spanish Antique Shop

Particular description of goods.—Antique Furniture—Namely, Chairs, Beds, Tables, Desks, Cupboards, Cabinets, and Taborets.

Claims use since Jan. 26, 1917.

232,489. (CLASS 39. CLOTHING.) SAMUEL KUBRIN, New York, N. Y. Filed Feb. 5, 1927. Serial No. 243,801.

Savoy

Particular description of goods.—Men's and Boys' Clothing—Namely, Topcoats, Overcoats, Sack Coats, Vests, and Pants.

Claims use since July 1, 1926.

232,490. (CLASS 39. CLOTHING.) B. FRIEDMAN SHOE Co., Inc., New York, N. Y. Filed Dec. 17, 1926. Serial No. 241,612.



Particular description of goods.—Leather, Fabric, and Rubber Shoes and Shoes of a Combination of Fabric or Rubber and Leather.

Claims use since July 1, 1926.

232,491. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) OREGON CITY MANUFACTURING COMPANY, doing business as Oregon City Woolen Mills, Oregon City, Oreg. Filed Dec. 13, 1926. Serial No. 241,431.

ASTORIAN

Particular description of goods.—Virgin Wool Bed Blankets.

Claims use since Aug. 1, 1926.

232,492. (CLASS 39. CLOTHING.) FIRESTONE FOOTWEAR COMPANY, Hudson, Mass. Filed Oct. 20, 1926. Serial No. 238,901.

Firestone

Applicant owns registration No. 171,697.

Particular description of goods.—Footwear of Rubber, Fabric, and Rubber and Fabric—Namely, Boots, Shoes, Rubbers, Overshoes, Sandals, Pads, Arctics, Galoshes, and Gaiters.

Claims use since November, 1916.

TRADE-MARK REGISTRATIONS RENEWED

- 26,124. CHEMICAL COMPOUNDS FOR MEDICINAL AND OTHER PURPOSES. Registered February 26, 1895. Dr. F. VON HEYDEN NACHFOLGER, Radebeul, Germany. Renewed February 26, 1925, to Heyden Chemical Corporation, New York, N. Y., a Corporation of New York, assignee by mesne assignments.
- 27,330. A SWEETENING COMPOUND. Registered November 26, 1895. Dr. F. VON HEYDEN NACHFOLGER, Radebeul, Germany. Renewed November 26, 1925, to Heyden Chemical Corporation, New York, N. Y., a Corporation of New York, assignee by mesne assignments.
- 27,482. AN ANTISEPTIC FOR INTERNAL AND EXTERNAL USE. Registered December 17, 1895. Dr. F. VON HEYDEN NACHFOLGER, Radebeul, Germany. Renewed December 17, 1925, to Heyden Chemical Corporation, New York, N. Y., a Corporation of New York, assignee by mesne assignments.
- 30,910. VALVES, COCKS, PRESSURE REGULATORS, AND TAPPING MACHINES. Registered November 30, 1897. H. MUELLER MANUFACTURING COMPANY, Decatur, Ill., a Corporation of Illinois, assignee.
- 56,800. FOUNDRY-FACINGS. Registered October 16, 1906. FREDERIC B. STEVENS. Renewed October 16, 1926, to Frederic B. Stevens, Inc., Detroit, Mich., a Corporation of Michigan, successor.
- 60,727. PENKNIVES, RAZORS, AND SCISSORS. Registered February 19, 1907. DANIEL PERES. Renewed February 19, 1927, to Kurt Peres, doing business as Daniel Peres, Solingen, Germany, successor.
- 61,144. TUNING-PINS FOR PIANOS. Registered March 5, 1907. W. WAGNER, Jr. Renewed March 5, 1927, to Alfred Walle, doing business as W. Wagner, Jr., Plettenberg, Germany, successor.
- 63,655. MEDICINES FOR THE CURE OF PULMONARY CONSUMPTION. Registered July 2, 1907. GEORGE H. CENTER, Duquoin, Ill. Renewed July 2, 1927, to Liveon Medicine Company, a Corporation of Illinois, assignee.
- 63,875. WHEAT-FLOUR. Registered July 9, 1907. GRONSTH & OLSEN, Duluth, Minn. Renewed July 9, 1927.
- 63,918. MESH VEILINGS AND NET FABRICS. Registered July 16, 1907. WEIL BROTHERS, New York, N. Y. Renewed July 16, 1927.
- 63,943. REMEDY FOR TUBERCULOSIS, GENERAL DEBILITY, COUGHS, AND COLDS. Registered July 16, 1907. CAFARELLI RAFFAELE, Newport, R. I. Renewed July 16, 1927, to Raffaele Cafarelli, Bronx, N. Y.
- 63,961. A REMEDY FOR CATARRH, CONSUMPTION, INDIGESTION, AND CONSTIPATION. Registered July 16, 1907. ALPHEUS C. LONG, Paris France. Renewed July 16, 1927, to R. C. Long, St. Louis, Mo., successor.
- 64,031. CHAIRS, BEDS, AND CAR SEATS. Registered July 23, 1907. THE HALE AND KILBURN MANUFACTURING COMPANY. Renewed July 23, 1927, to Hale & Kilburn Co., Philadelphia, Pa., a Corporation of Delaware, assignee.
- 64,184. TORTOISE-SHELL AND HORN COMBS. Registered July 30, 1907. ABERDEEN COMB WORKS COMPANY, LIMITED, Aberdeen, Scotland, a Corporation of Great Britain. Renewed July 30, 1927.
- 64,393. CANNED FRUITS AND VEGETABLES. Registered July 30, 1907. WAPLES-PLATTER GROCER CO., Denison, Fort Worth, and Dallas, Tex., a Corporation of Texas. Renewed July 30, 1927.
- 64,406. CANNED FRUITS AND VEGETABLES, SAUER-KRAUT, DRIED FRUITS, AND SPICES. Registered August 6, 1907. WAPLES-PLATTER GRO. CO., Denison, Fort Worth, and Dallas, Tex., a Corporation of Texas. Renewed August 6, 1927.
- 64,407. SIRUP AND MOLASSES. Registered August 6, 1907. WAPLES-PLATTER GROCER CO., Denison, Fort Worth, and Dallas, Tex., a Corporation of Texas. Renewed August 6, 1927.
- 64,408. SIRUP AND MOLASSES. Registered August 6, 1907. WAPLES-PLATTER GROCER CO., Denison, Fort Worth, and Dallas, Tex., a Corporation of Texas. Renewed August 6, 1927.
- 64,420. CERTAIN CLOTHING. Registered August 6, 1907. C. B. CONES AND SON MANUFACTURING COMPANY, Indianapolis, Ind., a Corporation of Indiana. Renewed August 6, 1927.
- 64,446. WHEAT FLOUR. Registered August 6, 1907. NEW ULM ROLLER MILL COMPANY, New Ulm, Minn., a Corporation of Minnesota. Renewed August 6, 1927.
- 64,451. A REMEDIAL AGENT FOR STOMACH AND MUSCULAR TROUBLES. Registered August 6, 1907. FRANK ANTONIO CHAPA, San Antonio, Tex. Renewed August 6, 1927, to The Dr. J. H. McLean Medicine Co., St. Louis, Mo., a Corporation of Missouri, assignee.
- 64,458. CERTAIN MEDICINES. Registered August 6, 1907. GRAPE CAPSULE COMPANY, Allentown, Pa., a Corporation of Pennsylvania. Renewed August 6, 1927.
- 64,459. CERTAIN MEDICINES. Registered August 6, 1907. GRAPE CAPSULE COMPANY, Allentown, Pa., a Corporation of Pennsylvania. Renewed August 6, 1927.
- 64,536. CANNED FISH AND OYSTERS. Registered August 13, 1907. WAPLES-PLATTER GROCER CO., Denison, Fort Worth, and Dallas, Tex., a Corporation of Texas. Renewed August 13, 1927.
- 64,537. CANNED FISH AND OYSTERS. Registered August 13, 1907. WAPLES-PLATTER GROCER CO., Denison, Fort Worth, and Dallas, Tex., a Corporation of Texas. Renewed August 13, 1927.
- 64,732. COFFEE AND TEA. Registered August 20, 1907. GRAND UNION TEA CO., Brooklyn, N. Y., a Corporation of New Jersey. Renewed August 20, 1927.
- 65,263. GLUCOSE, GRAPE-SUGAR AND POTATO-STARCH SIRUP. Registered September 17, 1907. NORDDEUTSCHE KARTOFFELMEHL-FABRIK MIT BESCHRÄNKTER HAFTUNG, Custrin, Germany, a Corporation of Germany. Renewed September 17, 1927.
- 65,325. CERTAIN KNIT GOODS. Registered September 17, 1907. P. RAGUET FILS & R. VIGNES. Renewed September 17, 1927, to Etablissements Raguet & Vignes, Troyes, France, a Limited Partnership, successor.
- 65,476. LAUNDRY STARCH. Registered October 8, 1907. GRAND UNION TEA CO., Brooklyn, N. Y., a Corporation of New Jersey. Renewed October 8, 1927.
- 65,503. FLAVORING EXTRACTS. Registered October 8, 1907. GRAND UNION TEA CO., Brooklyn, N. Y., a Corporation of New Jersey. Renewed October 8, 1927.
- 65,523. SPINNING RINGS FOR TEXTILE MACHINERY. Registered October 22, 1907. DRAPER COMPANY. Renewed October 22, 1927, to Draper Corporation, Hopedale, Mass., a Corporation of Maine, assignee.
- 65,847. MACARONI, SPAGHETTI, AND WHEAT-FLOUR. Registered October 22, 1907. WAPLES-PLATTER GROCER CO., Denison, Fort Worth, and Dallas, Tex., a Corporation of Texas. Renewed Oct. 22, 1927.
- 66,040. COAL. Registered November 5, 1907. COLEMAN MINING CO. Renewed November 5, 1927, to The Coleman Mining Company, Louisville, Ky., a Corporation of Kentucky, assignee by mesne assignments.
- 66,177. CANNED, DRIED, AND FRESH FRUITS, AND OLIVE OIL. Registered November 12, 1907. MAYWOOD PACKING CO. Renewed November 12, 1927, to Maywood Packing Company, Corning, Calif., a Corporation of California, assignee.

- 66,322. COTTON PIECE GOODS. Registered November 19, 1907. BOOTT MILLS, Lowell, Mass., a Corporation of Massachusetts. Renewed November 19, 1927.
- 66,323. COTTON PIECE GOODS. Registered November 19, 1907. BOOTT MILLS, Lowell, Mass., a Corporation of Massachusetts. Renewed November 19, 1927.
- 66,377. KNIT UNDERSHIRTS. Registered November 26, 1907. RUBENS & MARBLE. Renewed November 26, 1927, to Rubens & Marble, Inc., Chicago, Ill., a Corporation of Illinois, successor.
- 66,385. BASKETED FRESH FRUITS. Registered November 26, 1907. CHARLES & CO., New York, N. Y., a Corporation of New York. Renewed November 26, 1927.
- 66,633. BALSAMS, PURGATIVES, PASTILS, AND ANESTHETICS. Registered December 17, 1907. JULES BENGUE, Paris, France. Renewed December 17, 1927.
- 66,672. KNIT UNDERSHIRTS. Registered December 17, 1907. RUBENS & MARBLE. Renewed December 17, 1927, to Rubens & Marble, Inc., Chicago, Ill., a Corporation of Illinois, successor.
- 66,688. COCOA AND CHOCOLATE. Registered December 24, 1907. THE MAZAWATTEE TEA COMPANY, LIMITED, London, England, a Corporation of Great Britain. Renewed December 24, 1927.
- 66,705. STATUARY. Registered December 24, 1907. DAPRATO STATUARY COMPANY, Chicago, Ill., a Corporation of Illinois. Renewed December 24, 1927.
- 66,792. CANDIES, GLACÉ FRUITS, CHOCOLATE, BONBONS, AND CANDY KISSES. Registered December 31, 1907. CHARLES & CO., New York, N. Y., a Corporation of New York. Renewed December 31, 1927.
- 66,814. TOOTH-BRUSHES. Registered December 31, 1907. FLORENCE MANUFACTURING COMPANY. Renewed December 31, 1927, to Prophy-lac-tic Brush Company, Northampton, Mass., a Corporation of Massachusetts, assignee.
- 66,828. CERTAIN TAPESTRY GOODS. Registered December 31, 1907. A. THEO. ABBOTT & CO., Philadelphia, Pa. Renewed December 31, 1927.
- 66,857. FUR HATS. Registered December 31, 1907. THE CROFUT & KNAPP CO., South Norwalk, Conn., a Corporation of Connecticut. Renewed December 31, 1927.
- 66,859. CAMPHORATED LIQUID SOAP. Registered December 31, 1907. FISKE BROTHERS REFINING CO., New York, N. Y., a Corporation of New York. Renewed December 31, 1927.
- 66,951. BRUSHES. Registered January 7, 1908. HOLTON & ADAMS. Renewed January 7, 1928, to Holton & Adams, Inc., New York, N. Y., a Corporation of New York, assignee.

- 66,960. SHELLED ALMONDS. Registered January 7, 1908. HABICHT, BRAUN & CO., Chicago, Ill. Renewed January 7, 1928, to Habicht, Braun & Company, New York, N. Y.
- 66,961. SHELLED ALMONDS. Registered January 7, 1908. HABICHT, BRAUN & CO., Chicago, Ill. Renewed January 7, 1928, to Habicht, Braun & Company, New York, N. Y.
- 66,962. SHELLED ALMONDS. Registered January 7, 1908. HABICHT, BRAUN & CO., Chicago, Ill. Renewed January 7, 1928, to Habicht, Braun & Company, New York, N. Y.
- 66,963. SHELLED ALMONDS. Registered January 7, 1908. HABICHT, BRAUN & CO., Chicago, Ill. Renewed January 7, 1928, to Habicht, Braun & Company, New York, N. Y.
- 66,964. SHELLED ALMONDS. Registered January 7, 1908. HABICHT, BRAUN & CO., Chicago, Ill. Renewed January 7, 1928, to Habicht, Braun & Company, New York, N. Y.
- 66,965. SHELLED ALMONDS. Registered January 7, 1908. HABICHT, BRAUN & CO., Chicago, Ill. Renewed January 7, 1928, to Habicht, Braun & Company, New York, N. Y.
- 67,010. HORSESHOE NAILS. Registered January 14, 1908. THE CAPEWELL HORSE NAIL COMPANY, Hartford, Conn., a Corporation of Connecticut. Renewed January 14, 1928.
- 67,022. CERTAIN MUSICAL INSTRUMENTS. Registered January 14, 1908. THE CABLE COMPANY, Chicago, Ill., a Corporation of Illinois. Renewed January 14, 1928.
- 67,052. CANNED VEGETABLES. Registered January 14, 1908. ILLINOIS CANNING CO., Camden, N. J. and Hoopeston, Ill. Renewed January 14, 1928, to The Illinois Canning Co., Hoopeston, Ill., a Corporation of Illinois, assignee.
- 67,053. CANNED VEGETABLES. Registered January 14, 1908. ILLINOIS CANNING CO., Camden, N. J., and Hoopeston, Ill. Renewed January 14, 1928, to The Illinois Canning Co., Hoopeston, Ill., a Corporation of Illinois, assignee.
- 67,201. CANNED CLAMS. Registered January 21, 1908. JASPER WYMAN & SON, Millbridge, Cherryfield, and Columbia, Me. Renewed January 21, 1928.
- 67,220. WOODEN HAMES. Registered January 21, 1908. BEAGLE HAME WORKS, Freeland, Pa. Renewed January 21, 1928.
- 67,331. LEATHER BELTING. Registered January 28, 1908. DETROIT OAK BELTING COMPANY, Detroit, Mich., a Corporation of Michigan. Renewed January 28, 1928.

LABELS

REGISTERED SEPTEMBER 6, 1927.

- 32,685.—Title: KIDDIE'S HANDKERCHIEFS. For Children's Handkerchiefs. ARTMART LINEN CO., INC., New York, N. Y. Published July 21, 1927.
- 32,686.—Title: RADIATOR GLYCERINE ANTI-FREEZE SOLUTION. For Glycerin Antifreeze Solution. ASSOCIATION OF AMERICAN SOAP & GLYCERINE PRODUCERS, INC., doing business as Glycerine Producers Association, New York, N. Y. Published June 30, 1927.
- 32,687.—Title: W. H. BAKER. ALMOND-BAR, SWEET MILK CHOCOLATE. For Almond Bars. W. H. BAKER, INC., Red Hook, N. Y. Published June 2, 1927.
- 32,688.—Title: W. H. BAKER. MILK CHOCOLATE, BEST QUALITY. For Milk Chocolate. W. H. BAKER, INC., Red Hook, N. Y. Published June 2, 1927.
- 32,689.—Title: BLACK CAT. For Finger-Nail Polish. ALDO L. BARTLETT, Chicago, Ill. Published June 15, 1927.
- 32,690.—Title: BERRY'S SHASTA SNOW FLAKES THE SOAP THAT WHITENS. For Soap Flakes. JAMES H. BERRY, Bakersfield, Calif. Published December 10, 1925.
- 32,691.—Title: IMMENSE VALUE. For Coffee. THE BLODGETT-BECKLEY CO., Toledo, Ohio. Published July 20, 1927.

- 32,692.—Title: LIFE'S BALM SALVE. For Salve. JENNIE CROPLA, doing business as Cefola & Co., New York, N. Y. Published July 11, 1927.
- 32,693.—Title: NICK'S CLEANER. For Cleaning Compound. CLEANING PRODUCTS CO., Royal Oak, Mich. Published May 15, 1927.
- 32,694.—Title: DOUBLE A. For Fresh Oranges. EAST HIGHLANDS CITRUS ASSN., East Highlands, Calif. Published April 8, 1927.
- 32,695.—Title: COMPETITOR EGGS. For Eggs. ECO-SAFETY CARTON CO., Chicago, Ill. Published April 6, 1927.
- 32,696.—Title: PICK O' THE NEST EGGS. For Eggs. ECO-SAFETY CARTON CO., Chicago, Ill. Published April 6, 1927.
- 32,697.—Title: RED-BOW. For Macaroni. FREESER MACARONI COMPANY, Harrisburg, Pa. Published July 30, 1927.
- 32,698.—Title: SELECT BRAND. For Sweet-Mixed Pickles. THE GELFAND MANUFACTURING COMPANY, doing business as Pickle Products Company, Baltimore, Md. Published June 9, 1927.
- 32,699.—Title: THE TICKER. For Cigars. LOUIS P. GLASS, Brooklyn, N. Y. Published May 10, 1927.
- 32,700.—Title: THE GOOD OLD TIME. For Pure Malt Sirup. DAVID J. GOLDSMITH, doing business as Hagen Trading Company, Philadelphia, Pa. Published August 2, 1926.
- 32,701.—Title: PARISEAU. For Shoes. HOAGUE-SPRAGUE CORPORATION, Lynn, Mass. Published June 30, 1927.
- 32,702.—Title: FESTIVAL PEAS. For Canned Peas. T. W. JENKINS & COMPANY, Portland, Ore. Published May 3, 1927.
- 32,703.—Title: FESTIVAL BRAND OYSTERS. For Canned Oysters. T. W. JENKINS & COMPANY, Portland, Ore. Published May 3, 1927.
- 32,704.—Title: FESTIVAL PETIT POIS. For Canned Small Peas. T. W. JENKINS & COMPANY, Portland, Ore. Published May 3, 1927.
- 32,705.—Title: FESTIVAL BRAND BABY STRINGLESS BEANS. For Canned Stringless Beans. T. W. JENKINS & COMPANY, Portland, Ore. Published May 3, 1927.
- 32,706.—Title: FESTIVAL TOMATOES. For Canned Tomatoes. T. W. JENKINS & COMPANY, Portland, Ore. Published May 3, 1927.
- 32,707.—Title: FESTIVAL HOMINY. For Canned Hominy. T. W. JENKINS & COMPANY, Portland, Ore. Published May 3, 1927.
- 32,708.—Title: FESTIVAL GRAPE FRUIT. For Canned Grape Fruit. T. W. JENKINS & COMPANY, Portland, Ore. Published May 3, 1927.
- 32,709.—Title: FESTIVAL BEETS. For Canned Beets. T. W. JENKINS & COMPANY, Portland, Ore. Published May 3, 1927.
- 32,710.—Title: FESTIVAL WHOLE STRINGLESS BEANS. For Canned Whole Stringless Beans. T. W. JENKINS & COMPANY, Portland, Ore. Published May 3, 1927.
- 32,711.—Title: FESTIVAL SWEET POTATOES. For Canned Sweet Potatoes. T. W. JENKINS & COMPANY, Portland, Ore. Published May 3, 1927.
- 32,712.—Title: FESTIVAL GOLDEN SWEET CORN. For Canned Sweet Corn. T. W. JENKINS & COMPANY, Portland, Ore. Published May 3, 1927.
- 32,713.—Title: FESTIVAL BRAND CLAMS. For Canned Clams. T. W. JENKINS & COMPANY, Portland, Ore. Published May 3, 1927.
- 32,714.—Title: FESTIVAL BRAND SALMON. For Canned Salmon. T. W. JENKINS & COMPANY, Portland, Ore. Published May 3, 1927.
- 32,715.—Title: FESTIVAL BRAND SARDINES. For Canned Sardines. T. W. JENKINS & COMPANY, Portland, Ore. Published May 3, 1927.
- 32,716.—Title: FESTIVAL BRAND SHRIMP. For Canned Shrimp. T. W. JENKINS & COMPANY, Portland, Ore. Published May 3, 1927.
- 32,717.—Title: FESTIVAL CUT BEANS. For Canned Cut Beans. T. W. JENKINS & COMPANY, Portland, Ore. Published May 3, 1927.
- 32,718.—Title: PHEASANT. For Picnic, a Meat Product Comprising Sliced Beef. THE E. KAHN'S SONS COMPANY, Cincinnati, Ohio. Published July 5, 1927.
- 32,719.—Title: CHARMETTE ALMOND CREME. For a Toilet Cream. CHARLES FESSENDEN METCALF, doing business as The Charmette Company, Bedford, Mass. Published July 14, 1927.
- 32,720.—Title: GOLDEN STATE MALT SYRUP. For Malt Sirup. MILWAUKEE BREWERY OF SAN FRANCISCO, San Francisco, Calif. Published June 21, 1927.
- 32,721.—Title: EL'NAR GOLDEN WEST ASSORTED CHOCOLATES. For Candy. THE MILWAUKEE PAPER BOX CO., Milwaukee, Wis. Published August 8, 1927.
- 32,722.—Title: EL'NAR MT. HOOD ASSORTED CHOCOLATES. For Candy. THE MILWAUKEE PAPER BOX CO., Milwaukee, Wis. Published August 8, 1927.
- 32,723.—Title: EL'NAR CASTLE ASSORTED CHOCOLATES. For Candy. THE MILWAUKEE PAPER BOX CO., Milwaukee, Wis. Published August 8, 1927.
- 32,724.—Title: RED CIRCLE TWILIGHT CHOCOLATES. For Candy. THE MILWAUKEE PAPER BOX CO., Milwaukee, Wis. Published August 8, 1927.
- 32,725.—Title: EL'NAR DESERT ASSORTED CHOCOLATES. For Candy. THE MILWAUKEE PAPER BOX CO., Milwaukee, Wis. Published August 8, 1927.
- 32,726.—Title: RED CIRCLE PRIMROSE CHOCOLATES. For Candy. THE MILWAUKEE PAPER BOX CO., Milwaukee, Wis. Published August 8, 1927.
- 32,727.—Title: PHOEBE-FAIR HOSIERY. For Hosiery. PHOEBE-FAIR HOSIERY CORPORATION, New York, N. Y. Published July 12, 1927.
- 32,728.—Title: PILLOW TUBING. For Pillow Tubing. STANISLAS RICARD, doing business as Stanley Manufacturing Co., Providence, R. I. Published June 2, 1927.
- 32,729.—Title: CORN-FITE. For Corn Plaster. THE QUICK SALES COMPANY, Jersey City, N. J. Published June 1, 1927.
- 32,730.—Title: MISS NEW YORK PANTIE GIRDLE. For Pantie Girdles. R & G CORSET COMPANY, INC., New York, N. Y. Published June 14, 1927.
- 32,731.—Title: BABY GRAND BRAND. For Fresh Grapes. M. D. RICCI, doing business as Ricci Fruit Company, Madera, Calif. Published March 16, 1927.
- 32,732.—Title: KILTIE FOOD PRODUCTS. For Meat Products. J. DUNLOP SMITH, doing business as Kiltie Food Products Co., Lynn, Mass. Published June 9, 1927.
- 32,733.—Title: SPANIER'S RHEUMATEX TABLETS. For Rheumatex Tablets. A. SPANIER & CO., New York, N. Y. Published July 22, 1927.
- 32,734.—Title: SPANIER'S ANTACID TABLETS. For Antacid Tablets. A. SPANIER & CO., New York, N. Y. Published July 22, 1927.
- 32,735.—Title: TAMPA DRY. For Ginger Ale. TAMPA TRIPURK WATER CORPORATION, Tampa, Fla. Published June 20, 1927.
- 32,736.—Title: SOLIDIFIED COMPOUND GLYCERINE & ROSE WATER. For Solidified Compound Glycerin and Rose Water. GLENN W. TRITTE, Seattle, Wash. Published May 24, 1927.
- 32,737.—Title: TICK-TOCK. For Oranges. VILLA PARK ORCHARDS ASSOCIATION, Villa Park, Calif. Published April 15, 1927.
- 32,738.—Title: THREE ARCHES. For Oranges. VILLA PARK ORCHARDS ASSOCIATION, Villa Park, Calif. Published April 15, 1927.
- 32,739.—Title: ALPHABETICAL. For Oranges. VILLA PARK ORCHARDS ASSOCIATION, Villa Park, Calif. Published April 15, 1927.
- 32,740.—Title: JAM-PIE. For Cake and Jam. WHITE HOUSE BAKING CO. INC., Boston, Mass. Published July 16, 1927.

PRINTS

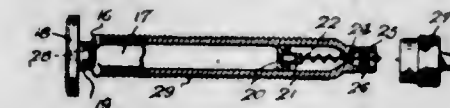
REGISTERED SEPTEMBER 6, 1927.

- 10,148.—Title: CAPITAL WAIST & DRESS CO., MANUFACTURERS OF DRESSES. For Dresses. CAPITAL WAIST AND DRESS COMPANY, New York, N. Y. Published June 1, 1927.
- 10,149.—Title: THE VAULT WITHOUT COMPARISON. For Vaults. CROWN VAULT COMPANY, Evergreen Park, Ill. Published June 11, 1927.
- 10,150.—Title: FRENCH BEAUTY PRODUCTS COMPANY. For Perfumes, Cosmetics, and Various Other Toilet Preparations. FRENCH BEAUTY PRODUCTS CO., INC., New York, N. Y. Published June 16, 1927.
- 10,151.—Title: HILL CLOTHES DRYERS. For Clothes Dryers. HILL CLOTHES DRIER COMPANY, Worcester, Mass. Published April 15, 1927.
- 10,152.—Title: CAM-FO-BAG. For Moth-Proof, Dust-Proof Clothes Bags. C. F. MAYER, Chicago, Ill. Published April 20, 1927.
- 10,153.—Title: U. S. CERTIFIED CANVAS SHOWER CURTAIN. For Shower-Bath Curtains. PARA RUBBER COMPANY, Newark, N. J. Published July 1, 1927.
- 10,154.—Title: DRINK A BITE TO EAT AT TEN-TWO & FOUR O'CLOCK, 3-A-DAY, KEEPS ENERGY UP. For Dr. Pepper, a Soft Drink. DR. PEPPER CO., Dallas, Tex. Published April 28, 1927.
- 10,155.—Title: PLATT BROS. STYL-FIT DRESSES. For Dresses. PLATT BROTHERS, New York, N. Y. Published June 1, 1927.
- 10,156.—Title: THE STORY OF THE FORK NO. 3. For Silverware. REED & BARTON, Taunton, Mass. Published June 4, 1927.
- 10,157.—Title: CAMELS—CREATED FOR ENJOYMENT. For Cigarettes. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published June 20, 1927.
- 10,158.—Title: BUSY SMOKERS OF TODAY SELECT CAMEL AS THEIR FAVORITE SMOKE. For Cigarettes. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published June 20, 1927.
- 10,159.—Title: GENTLEMEN, HERE IS A SMOKE! For Tobacco. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published May 14, 1927.
- 10,160.—Title: THE BEST SELLER. For Cigarettes. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published July 5, 1927.
- 10,161.—Title: MODERN SMOKERS DEMAND QUALITY AND PUT CAMELS FIRST. For Cigarettes. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published May 23, 1927.
- 10,162.—Title: NO HALF-WAY VERDICT—CAMEL IS SUPREME. For Cigarettes. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published May 23, 1927.
- 10,163.—Title: P. A. AND THE PAPERS—THAT'S ALL YOU NEED. For Tobacco. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published July 4, 1927.
- 10,164.—Title: WRAP A MAKIN'S PAPER AROUND SOME OF THIS! For Tobacco. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published June 27, 1927.
- 10,165.—Title: I'M LIVING 'FROM HAND TO MOUTH' THESE DAYS. For Tobacco. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published June 20, 1927.
- 10,166.—Title: P. A. SAYS 'COME AGAIN!' IN EVERY PUFF. For Tobacco. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published June 27, 1927.
- 10,167.—Title: ONE AFTER ANOTHER CAMELS PASSED THEM ALL. For Cigarettes. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published June 6, 1927.
- 10,168.—Title: MODERN SMOKERS PRAISE THE INTEGRITY OF CAMELS. For Cigarettes. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published May 31, 1927.
- 10,169.—Title: THIS AGE OF HIGH STANDARDS WELCOMES THE CAMEL QUALITY. For Cigarettes. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published May 16, 1927.
- 10,170.—Title: I FIGURED RIGHT WHEN I SIGNED WITH P. A. For Tobacco. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published June 13, 1927.
- 10,171.—Title: A CIGARETTE IF YOU ASK ME. For Tobacco. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published June 6, 1927.
- 10,172.—Title: NO TWO WAYS ABOUT IT—P. A. MAKES SOME CIGARETTES! For Tobacco. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published May 30, 1927.
- 10,173.—Title: LET'S GET DOWN TO CASES. For Tobacco. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published May 30, 1927.
- 10,174.—Title: ENOUGH TO MAKE A PIPE GET PUFFED UP. For Tobacco. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published July 11, 1927.
- 10,175.—Title: P. A. WAS MADE-TO-MEASURE FOR ME. For Tobacco. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published June 11, 1927.
- 10,176.—Title: THAT'S GOT IT! For Tobacco. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published May 28, 1927.
- 10,177.—Title: P. A. MAKES THE SLICKEST CIGARETTE YOU EVER ROLLED. For Tobacco. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published May 23, 1927.
- 10,178.—Title: THEY DON'T COME ANY BETTER. For Tobacco. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published May 23, 1927.
- 10,179.—Title: A NICE LITTLE PUFF IN THE PAPER. For Tobacco. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published May 16, 1927.
- 10,180.—Title: WHO'S GOT THE MAKIN'S? For Tobacco. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published June 13, 1927.
- 10,181.—Title: A LIGHTED CAMEL LEADS STRAIGHT TO CONTENTMENT. For Cigarettes. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published May 11, 1927.
- 10,182.—Title: CAMEL IS THE MODERN FAVORITE. For Cigarettes. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published May 1, 1927.
- 10,183.—Title: THEY DON'T COME ANY BETTER. For Tobacco. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published July 9, 1927.
- 10,184.—Title: YOUR PIPE CAN BE A CHEER . . . OR A CHORE! For Tobacco. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published June 25, 1927.
- 10,185.—Title: NOTHING BUT BLUE SKIES FROM NOW ON. For Tobacco. R. J. REYNOLDS TOBACCO COMPANY, Winston-Salem, N. C. Published May 16, 1927.
- 10,186.—Title: SMOKE. For Tobacco Products. HERBERT SACKETT, New York, N. Y. Published May 24, 1927.
- 10,187.—Title: JERSEY BAR. For Jersey Milk, Sandwiches, Coffee, Pie, Doughnuts, and Ice Cream. JOHN R. SIBLEY, Worcester, Mass. Published June 5, 1927.
- 10,188.—Title: MUSICAL ELITE BOUDOIR POWDER BOXES. For Musical Novelties. WM. F. SPRAGUE & CO., INC., New York, N. Y. Published May 10, 1927.
- 10,189.—Title: SUNSHINE DECANter. For Musical Novelties. WM. F. SPRAGUE & CO., INC., New York, N. Y. Published May 10, 1927.

REISSUES

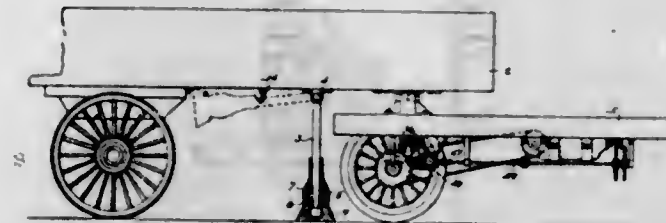
SEPTEMBER 6, 1927.

- 16,730. METHOD OF MAKING VALVE STEMS. ALEXANDER W. LIMONT, Bridgeport, Conn. Filed Aug. 25, 1924. Serial No. 734,181. Original No. 1,446,469, dated Feb. 27, 1923, Serial No. 494,520, filed Aug. 23, 1921. 19 Claims. (Cl. 29—156.7.)



1. The herein described method of forming valve stems from sheet metal shells which consists in reducing the diameter and elongating a portion of the shell, forming a head on one end portion of the shell, forming opposite flat sides, reducing the other end portion of the shell and threading the inside and the outside of said reduced end portion, and drilling out the head end of the stem to complete the opening therethrough.

- 16,731. TRAILER COUPLER. WILLIAM MAYER, New York, N. Y. Filed Dec. 4, 1926. Serial No. 152,706. Original No. 1,550,555, dated Aug. 18, 1925, Serial No. 689,454, filed Jan. 30, 1924. 16 Claims. (Cl. 280—33.1.)

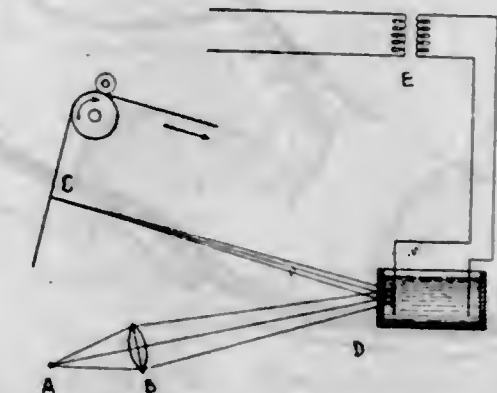


1. A coupling for heavy duty trailers and tractors, comprising a coupling member 7 adapted to be connected with the trailer, a bolster adapted to be mounted on the tractor, said bolster having means for interlocking with said coupling member, a pair of reciprocating members for raising and lowering said bolster and the end of said trailer with or without load, said reciprocating members being threaded at their lower ends, means for guiding said reciprocating members and said bolster in their movement, a worm gear provided with a threaded bore for receiving each of said threaded members, a worm meshing with each of said worm gears, a shaft connecting said worms whereby they will be operated simultaneously, and means connecting said shaft with the engine of the tractor for actuating said shaft and gear wheels to actuate said reciprocating members, said means including a reversing mechanism whereby said shaft may be rotated in either direction by power from the engine.

- 16,732. MATERIAL FOR USE IN CEMENT COMPOSITIONS. RUDOLPH J. WIG, Los Angeles, Calif., assignor to The Celite Company, Los Angeles, Calif., a Corporation of Delaware. Filed July 5, 1927. Serial No. 203,063. Original No. 1,584,579, dated May 11, 1926, Serial No. 96,804, filed Mar. 20, 1926. 9 Claims. (Cl. 106—24.)

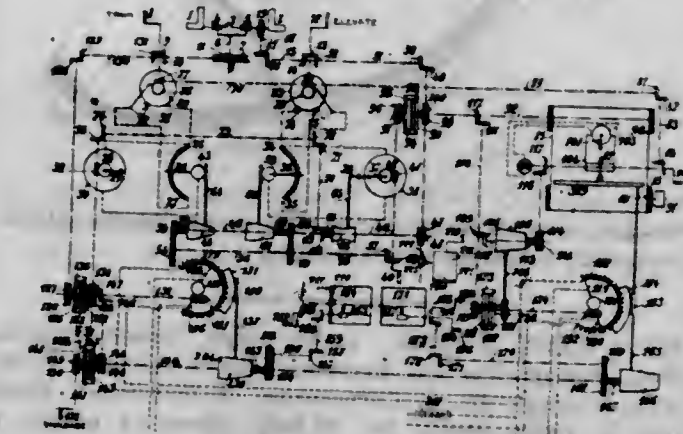
1. A diatomaceous earth product for use in plastic compositions containing not more than approximately 25% by weight of particles larger than 0.02 mm. and no more than approximately 70% by weight of particles smaller than 0.001 mm. in size.

- 16,733. ELECTROLYTIC REFLECTOR. STUART W. JENKS, Washington, D. C. Filed Jan. 10, 1927. Serial No. 160,320. Original No. 1,525,554, dated Feb. 10, 1925, Serial No. 587,408, filed Sept. 11, 1922. 3 Claims. (Cl. 178—1.)



1. In devices of the character described, a source of light of fixed intensity, a light sensitive surface so located as to receive light from said source, and means lying between whereby an electrolytic deposit thereon reduces the amount of light passing from said source to said film.

- 16,734. APPARATUS FOR CONTROLLING THE FIRING AGAINST AERIAL OBJECTIVES. EUGENE SCHNEIDER, Paris, France, assignor to Schneider & Cie., Paris, France, a Limited Joint Stock Company of France, and Joseph Louis Routin, Paris, France. Filed Aug. 10, 1926. Serial No. 128,485. Original No. 1,576,367, dated Mar. 9, 1926, Serial No. 527,275, filed Jan. 5, 1922. 35 Claims. (Cl. 235—61.5.)



1. In a fire-control system of the type employing sighting means, and training and elevating means therefor, means operatively connected to said training and elevating means for receiving the angles of elevation and azimuth of the objective from said sighting means, means including conoids operatively connected with said receiving means for determining kinetic corrections for the azimuthal and zenithal velocity of said objective, and wind correction means including conoids operatively connected with said receiving means.

DESIGNS

SEPTEMBER 6, 1927.

73,396. SHOE OR ANALOGOUS ARTICLE. MINOT H. BATES, Brockton, Mass. Filed May 7, 1926. Serial No. 17,506. Term of patent 3½ years.



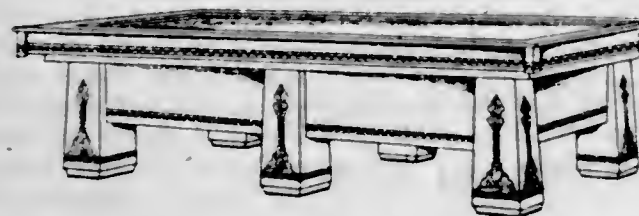
The ornamental design for a shoe or analogous article, substantially as shown and described.

73,397. SHOE OR ANALOGOUS ARTICLE. MINOT H. BATES, Brockton, Mass. Filed May 7, 1926. Serial No. 17,597. Term of patent 3½ years.



The ornamental design for a shoe or analogous article, substantially as shown and described.

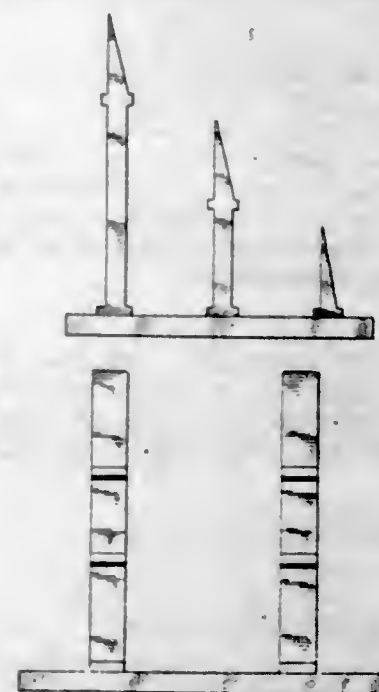
73,398. GAME TABLE. HANS BERG, Grand Rapids, Mich., assignor to The Brunswick-Balke-Collender Company, Chicago, Ill., a Corporation of Delaware. Filed July 5, 1927. Serial No. 22,662. Term of patent 7 years.



The ornamental design for a game table substantially as shown.

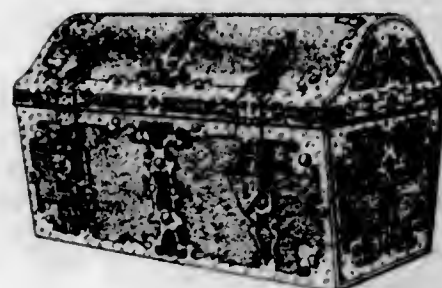
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73,399. DISPLAY DEVICE. ZELTON D. BRUMBERG, Ironton, Ohio. Filed Apr. 16, 1927. Serial No. 21,620. Term of patent 14 years.



The ornamental design for a display device, as shown.

73,400. DECORATED BOX. FELIX EBERHART, Arlington, N. J., assignor to American Can Company, New York, N. Y., a Corporation of New Jersey. Filed July 8, 1927. Serial No. 22,693. Term of patent 14 years.



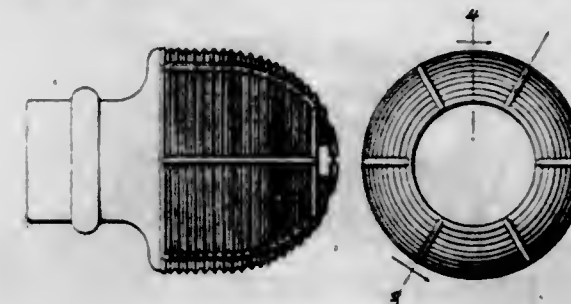
The ornamental design for a decorated box as shown.

SEPTEMBER 6, 1927

U. S. PATENT OFFICE.

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73,401. HYDROMETER SUCTION BULB OR THE LIKE. LEO EDELMANN, Chicago, Ill., assignor to E. Edelmann & Co., Chicago, Ill., a Corporation of Illinois. Filed Aug. 11, 1925. Serial No. 14,390. Term of patent 14 years.



The ornamental design for a hydrometer suction bulb or the like, as shown.

73,402. MEDAL. GERALD A. FITZGIBBONS, St. Louis, Mo. Filed May 14, 1927. Serial No. 21,991. Term of patent 14 years.



The ornamental design for a medal, as shown.

73,403. BADGE. MEYER I. GERSON, New York, N. Y., assignor to Union Taxi Owners Association, New York, N. Y., a Copartnership composed of Louis Alpert, Harry Eisenberg, and Jack Bluestein, New York, N. Y. Filed Dec. 8, 1926. Serial No. 19,963. Term of patent 3½ years.



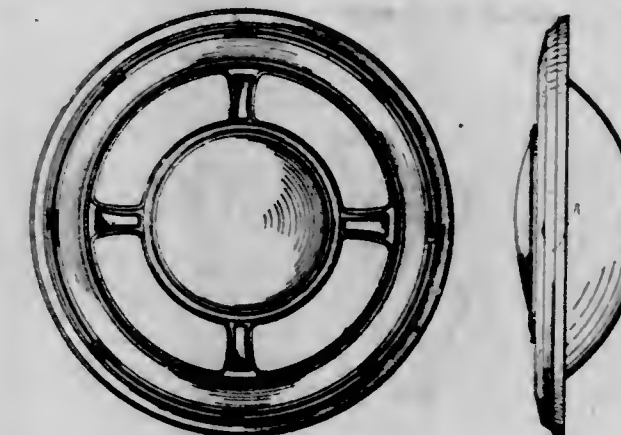
The ornamental design for a badge substantially as shown.

73,404. DOLL. EUGENE GOLDBERGER, Brooklyn, N. Y. Filed May 10, 1926. Serial No. 17,635. Term of patent 3½ years.



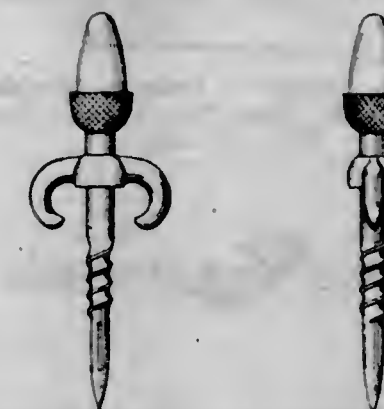
The ornamental design for a doll as shown.

73,405. DOME LIGHT. GEORGE GRAFF, Toledo, Ohio, assignor to The Dura Company, Toledo, Ohio, a Corporation of Delaware. Filed Dec. 29, 1926. Serial No. 20,206. Term of patent 14 years.



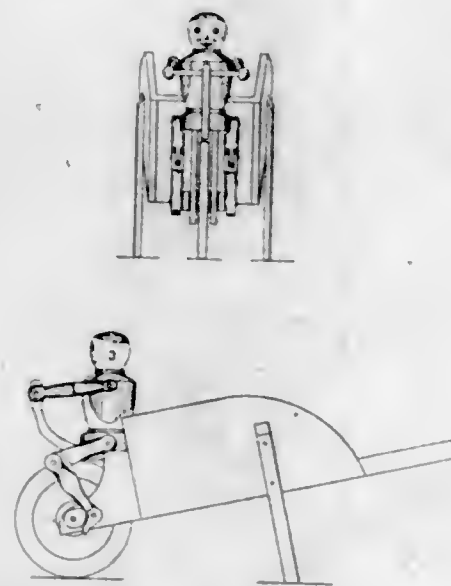
The ornamental design for a dome light, substantially as shown.

73,406. BOTTLE OPENER. ALFONSO OLIVERAS GUERRIS, Barcelona, Spain. Filed June 7, 1926. Serial No. 17,957. Term of patent 7 years.



The ornamental design for a bottle opener, as shown.

73,407. TOY OR SIMILAR ARTICLE. GORDON L. HARRISON, Shelby, Mich. Filed May 31, 1927. Serial No. 22,226. Term of patent 7 years.



The ornamental design for a toy or similar article substantially as shown.

73,408. FLOWER HOLDER. HARRY A. LAHMAN, Kapsas City, Kans. Filed May 27, 1927. Serial No. 22,206. Term of patent 3½ years.



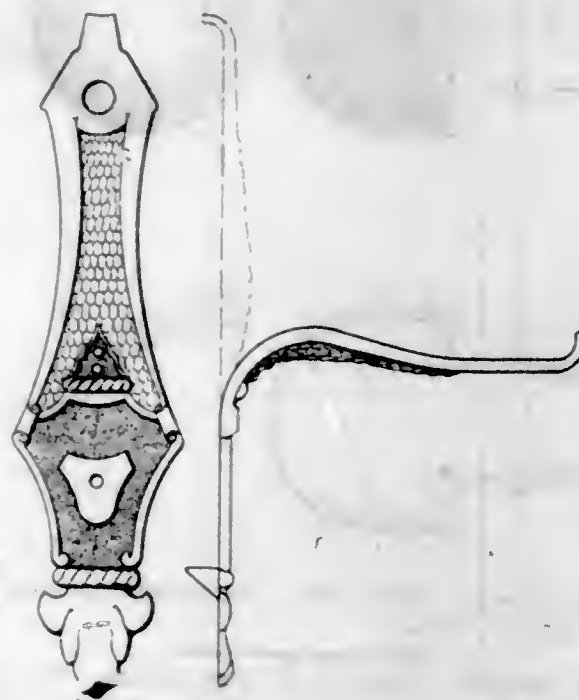
The ornamental design for a flower holder as shown.

73,409. BUCKLE. IRVING R. LEDERER, Providence, R. I. Filed Apr. 15, 1927. Serial No. 21,607. Term of patent 3½ years.



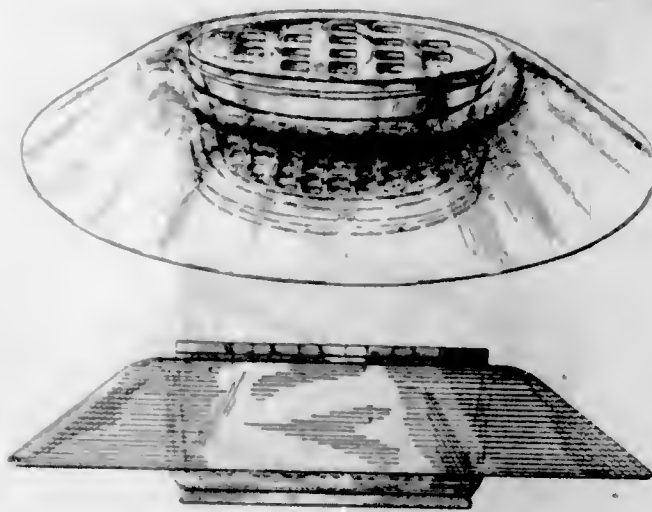
The ornamental design for a buckle, substantially as shown.

73,410. ARM FOR ELECTRIC-LIGHT FIXTURES. CHARLES W. LOGAN, Kenmore, N. Y., assignor to Markel Electric Products, Inc., Buffalo, N. Y., a Corporation of New York. Filed Apr. 27, 1927. Serial No. 21,750. Term of patent 3½ years.



The ornamental design for an arm for electric light fixtures, as shown.

73,411. COMBINED CENTERPIECE AND FLOWER BLOCK. WILLIAM H. MAGEE, Moundsville, W. Va., assignor to Fostoria Glass Company, Moundsville, W. Va., a Corporation of West Virginia. Filed Feb. 28, 1927. Serial No. 20,925. Term of patent 14 years.



The ornamental design for a combined centerpiece and flower block as shown.

73,412. DISPLAY STAND OR SIMILAR ARTICLE. BERNARD F. MULDOON, Mountain View, N. J., assignor to Henry Hyman, Brooklyn, N. Y. Filed June 4, 1927. Serial No. 22,331. Term of patent 14 years.



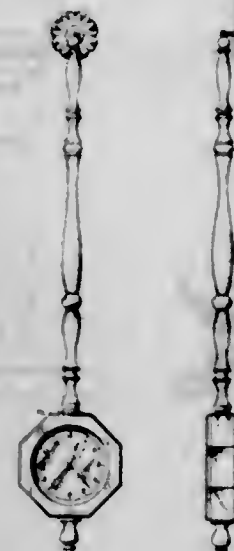
The ornamental design for a display stand or similar article as shown.

73,413. SIGNAL FACEPLATE. JOSEPH NEU, Los Angeles, Calif. Filed Jan. 24, 1927. Serial No. 20,477. Term of patent 7 years.



The ornamental design for a signal faceplate substantially as shown.

73,414. WALL CLOCK. JOHN H. PAGE, Detroit, Mich. Filed Jan. 31, 1927. Serial No. 20,551. Term of patent 14 years.



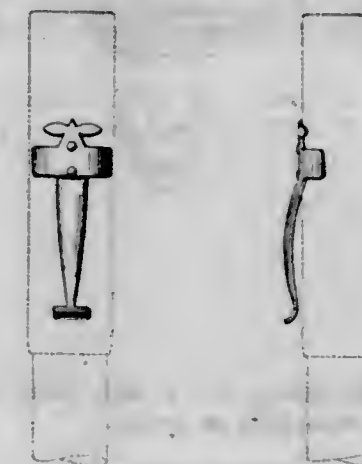
The ornamental design for a wall clock, as shown.

73,415. VEHICLE LAMP CASING OR ARTICLE OF SIMILAR NATURE. WILMER THOMAS PITTMAN, Hampton, Va. Filed Mar. 28, 1927. Serial No. 21,373. Term of patent 14 years.



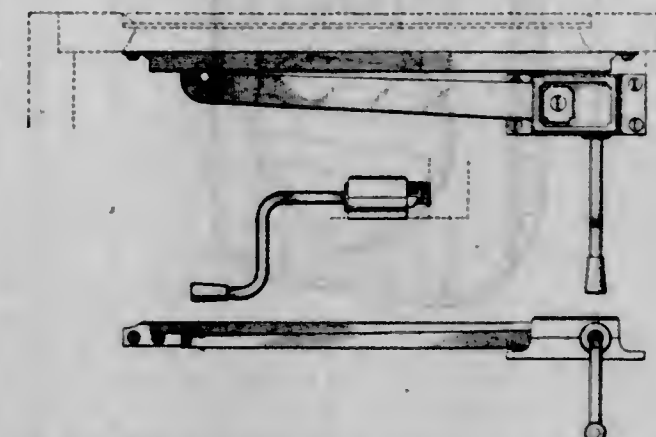
An ornamental design for a vehicle lamp casing or article of similar nature, as shown.

73,416. PEN CLIP OR SIMILAR ARTICLE. JULIUS L. SCHNELL, Arlington, N. J. Filed June 1, 1927. Serial No. 22,269. Term of patent 14 years.



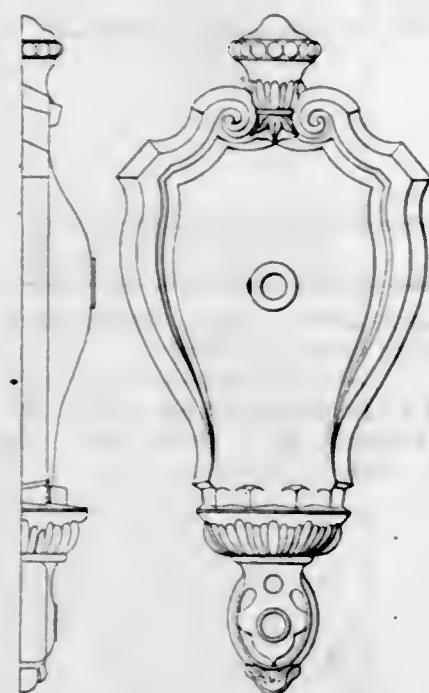
The ornamental design for a pen clip or similar article substantially as shown and described.

73,417. CASEMENT-WINDOW OPERATOR. CHARLES E. SPENCER, Chicago, and OWEN W. ROBERTS, Oak Park, Ill., assignors to Casement Hardware Co., Chicago, Ill., a Corporation of Illinois. Filed Apr. 23, 1927. Serial No. 21,708. Term of patent 14 years.



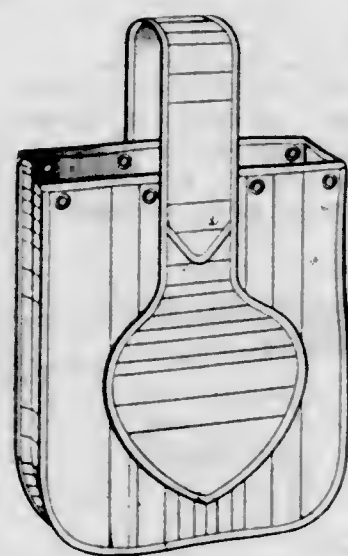
The ornamental design for a casement window operator, as shown.

73,418. WALL PLATE FOR ELECTRIC-LIGHT FIXTURES. FRANK YOKEL, Cleveland, Ohio, assignor to Markel Electric Products, Inc., Buffalo, N. Y., a Corporation of New York. Filed Apr. 27, 1927. Serial No. 21,747. Term of patent $3\frac{1}{4}$ years.



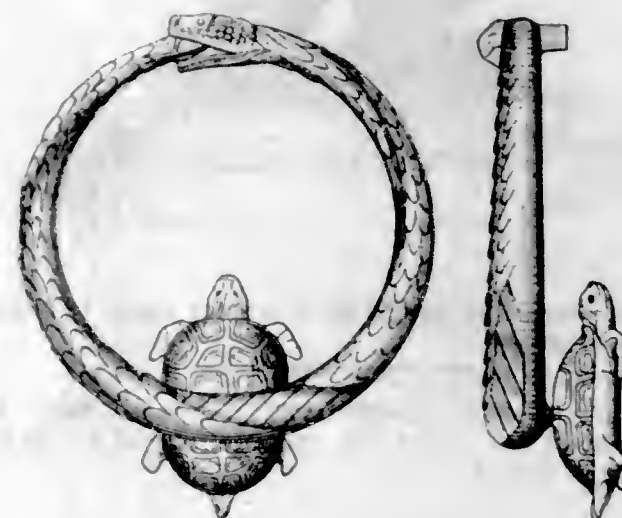
The ornamental design for a wall plate for electric light fixtures, substantially as shown.

73,419. HAND BAG. EDITH L. WEBER, Miami, Fla. Filed July 13, 1926. Serial No. 18,351. Term of patent 7 years.



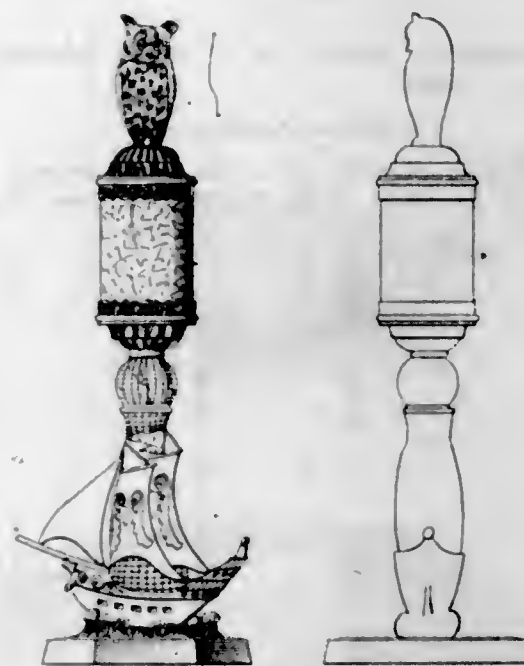
The ornamental design for a hand bag, as shown.

73,420. DOOR KNOCKER. MORRIS M. WHITAKER, Nyack, N. Y. Filed July 2, 1927. Serial No. 22,658. Term of patent 14 years.



The ornamental design for a door knocker, as shown.

73,421. TABLE TORCHÈRE OR ANALOGOUS ARTICLE. LOUIS ZWEIG, Brooklyn, N. Y., assignor to Sun Rise Lamp Mfg. Co., Inc., a Corporation of New York. Filed July 12, 1927. Serial No. 22,730. Term of patent $3\frac{1}{4}$ years.



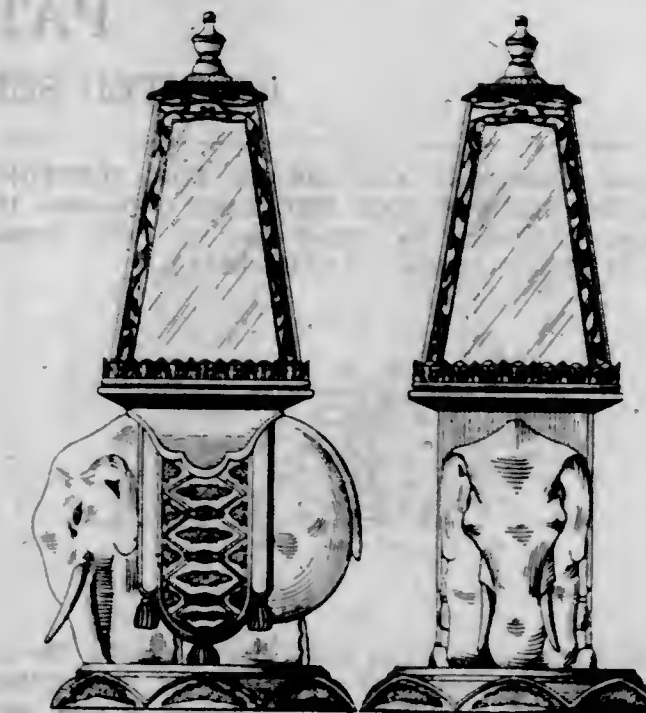
The ornamental design for a table torchère or analogous article substantially as shown.

73,422. TABLE LAMP OR ANALOGOUS ARTICLE. LOUIS ZWEIG, Brooklyn, N. Y., assignor to Sun Rise Lamp Mfg. Co., Inc., a Corporation of New York. Filed July 12, 1927. Serial No. 22,730. Term of patent $3\frac{1}{4}$ years.



The ornamental design for a table lamp or analogous article substantially as shown and described.

73,423. LAMP OR ANALOGOUS ARTICLE. LOUIS ZWEIG, Brooklyn, N. Y., assignor to Sun Rise Lamp Mfg. Co., Inc., a Corporation of New York. Filed July 12, 1927. Serial No. 22,732. Term of patent $3\frac{1}{4}$ years.



The ornamental design for a lamp or analogous article substantially as shown and described.

PATENTS

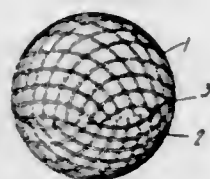
GRANTED SEPTEMBER 6, 1927.

1,641,143. METHOD AND MEANS FOR PRINTING RAISED FIGURES AND THE LIKE. CHARLES H. ALLEN, Pittsburgh, Pa. Filed Jan. 15, 1926. Serial No. 81,537. 4 Claims. (Cl. 101-114.)



1. In a press for printing raised figures and the like on a blank, the combination of a container for the printing compound; a die-plate forming the bottom of said container, a plurality of hollow dies positioned on said die-plate and having the shape of said figures; a plurality of feed-tubes positioned within said hollow-dies and in communication with said container, means to exert a fluid pressure on said compound during the printing period of said dies and means adapted to release said fluid pressure during the non-printing period of said dies.

1,641,144. PLAYING BALL AND METHOD OF MAKING SAME. ARTHUR H. ADAMS, La Grange, Ill. Filed May 19, 1926. Serial No. 110,070. 13 Claims. (Cl. 273-58.)

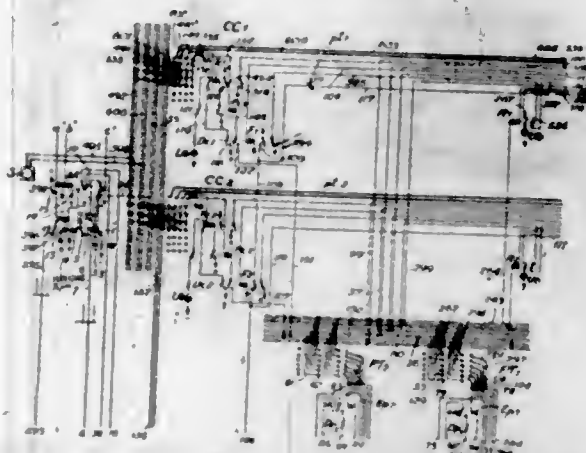


3. A hollow playing ball formed of resilient mesh.

1,641,145. AUTOMATIC SWITCHING. FRITZ ALDEN-DOFF, Berlin-Wilmersdorf, Germany, assignor of one-fourth to Paul Kolisch, New York, N. Y. Filed Feb. 14, 1922, Serial No. 536,504, and in Germany Apr. 5, 1921. 18 Claims. (Cl. 179-18.)

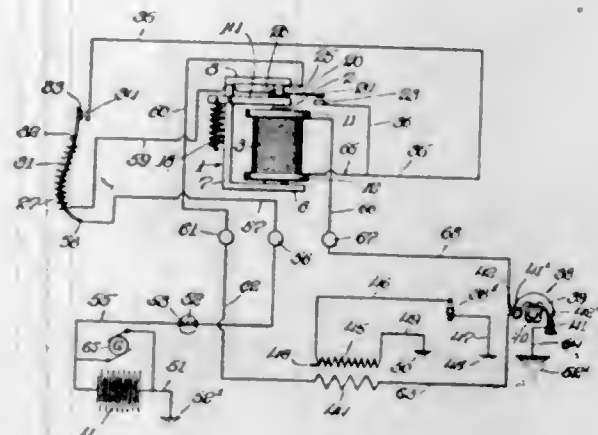
1. In a telephone exchange system, a plurality of lines, a plurality of group selector switches, means responsive to the initiation of a call for establishing a connection between the calling line and one of said switches, means controllable over said connection for operating said group selector switch in accordance with one digit of the called number, a wanted line selector, means for connecting said wanted line selector with the operated group selector switch, means operable in accordance with a further digit of the called number for actuating said wanted line selector to select the called line, a plurality of primary and groups of secondary trunks, means for connecting one of said primary trunks with the calling line, means operable in accordance with said one digit of the called number for selecting a certain group of secondary trunks, means for connecting said primary trunk with a certain secondary trunk in the selected group, a wanted line con-

ductor associated with the selected secondary trunk, means for causing said wanted line connector to connect with the wanted line selected by said wanted line selector,



and a talking connection between the calling and called lines established through said primary and secondary trunks.

1,641,146. AUTOMATIC CURRENT-CONTROLLING MECHANISM OR SWITCH. EDWARD J. BALLUFF, Chicago, Ill., assignor of one-half to Harry A. Fitzgibbons, Chicago, Ill. Filed Sept. 23, 1921. Serial No. 502,753. 14 Claims. (Cl. 123-146.5.)



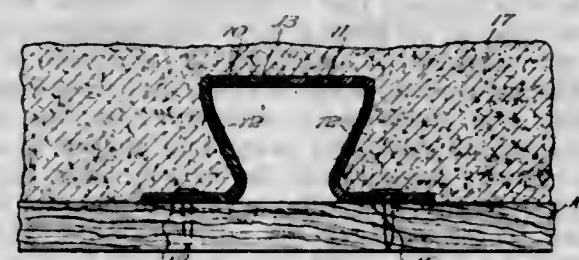
1. In a mechanism of the class described, the combination of a battery, an induction coil, a mechanically actuated make and break device connected with one of the terminals of the induction coil, an expansible metallic thermostatic member adapted to be electrically connected with the battery, a thermostatic heating coil connected with said expansible thermostatic member, and means forming an electrical connection between the thermostatic heating coil and a terminal of the induction coil, all adapted to be embraced within the same electric circuit, and an automatic electro-magnetically actuated circuit breaker connected with said mechanically actuated make and break device and adapted to be connected with said circuit for breaking the same said automatic circuit breaker comprising automatically actuated means adapted to automatically close and restore said circuit.

SEPTEMBER 6, 1927

U. S. PATENT OFFICE.

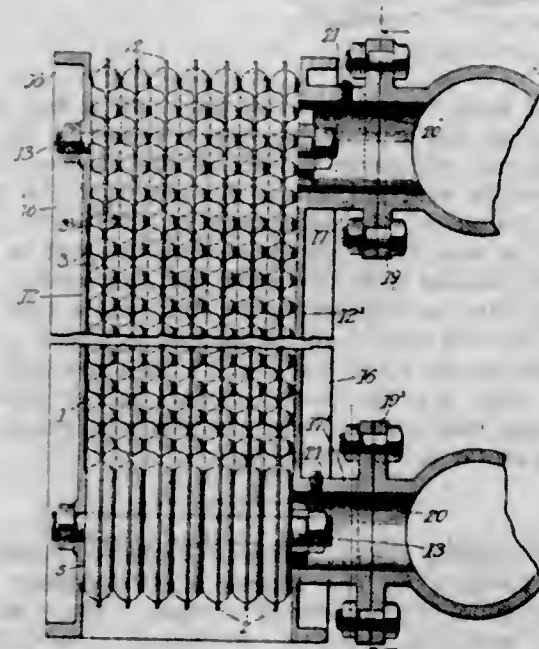
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1,641,147. CONCRETE WALL CONSTRUCTION. FRANCIS M. BARTON, Chicago, Ill. Filed Oct. 23, 1924. Serial No. 745,278. 3 Claims. (Cl. 25-131.)



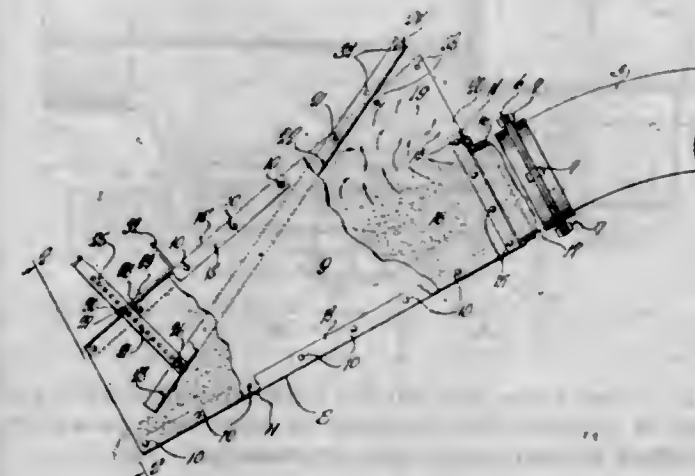
1. In concrete wall construction, the combination of a form for a concrete wall, and a form supported by the wall-form and adapted to form a groove for anchors in one face of the wall, said last mentioned form consisting of separately formed metallic sections having flared sides for producing a constricted entrance in the groove, said sections being removable individually and transversely from the groove through the constricted entrance, after the concrete has set.

1,641,148. RADIATOR. EDWIN M. BASSLER, Milwaukee, Wis. Filed May 12, 1924. Serial No. 712,671. 3 Claims. (Cl. 257-140.)



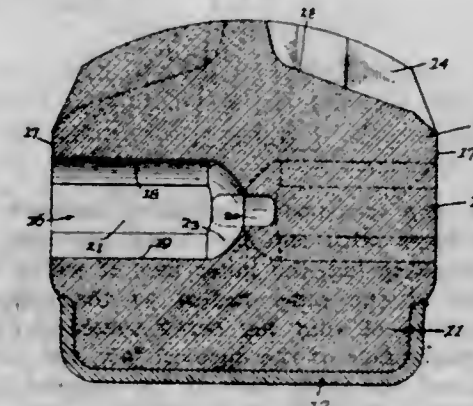
1. A radiator section consisting of corrugated sheet metal plates connected at their edges to form a tight joint, the corrugations of different plates crossing each other and comprising corrugations which rest in contact with each other at crossing points, said section being provided with an opening adapted for making a supply connection thereto, and the relation being such that the heating medium will traverse said sections crosswise of the corrugations in its side walls.

1,641,149. PNEUMATIC MATERIAL CONVEYER. GEORGE BERNERT, Milwaukee, Wis. Filed July 12, 1926. Serial No. 121,869. 8 Claims. (Cl. 302-63.)



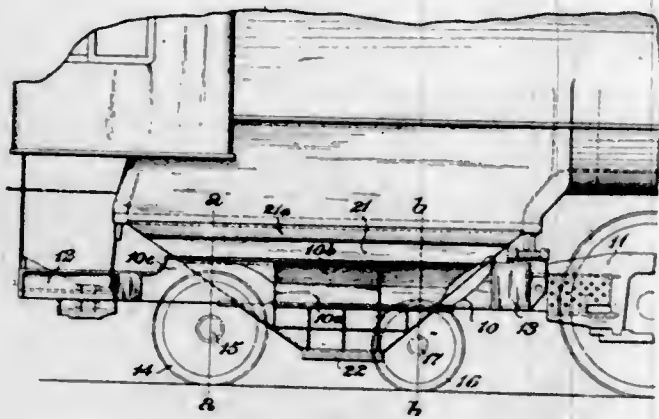
1. In an appliance of the character described, a discharge member for pneumatic conveying devices having a material outlet and an air outlet, and means for adjusting the areas of said outlets.

1,641,150. CUSHION TIRE. WILLIAM A. BRUBAKER, Akron, Ohio. Filed Jan. 30, 1924. Serial No. 689,402. 3 Claims. (Cl. 152-1.)



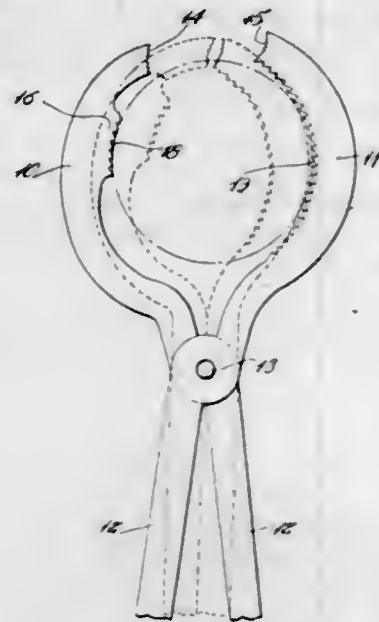
3. A cushion tire comprising an annular base region, an annular tread region, and an annular intermediate region disposed between said base region and said tread region and comprising a central peripherally extending rib and a plurality of fins extending laterally from each side of said rib in peripherally spaced relation with the fins on each side of said rib disposed opposite the spaces on the other side of said rib and with said rib intercepted opposite each fin by a recess extending inwardly from the communicating space and of an extent peripherally of said tire appreciably less than that of said communicating space.

1,641,151. LOCOMOTIVE REAR FRAME. ALFRED W. BRUCE, New York, N. Y. Filed Oct. 15, 1926. Serial No. 141,812. 20 Claims. (Cl. 105-46.)



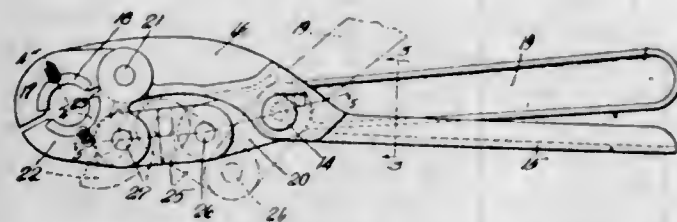
1. A rear frame side sill for locomotives, having a portion of its inner face inclined upwardly and outwardly, to afford an increase in ash pan capacity

1,641,152. TOOL FOR REMOVING JAR CAPS. RUFUS B. BURLING, Tarpon Springs, Fla. Filed May 12, 1925. Serial No. 29,762. 2 Claims. (Cl. S1-3.1.)



2. A jar cap remover, including opposed arcuate curved jaw faces with one jaw being provided with an inwardly extending lug, the inner face of which is curved upon an arc of the same radius as the opposed jaw, the arcuate face of said lug being considerably shorter than the arcuate face of the opposed jaw, the curved face of said lug and the inner face of the opposed jaw being formed with oppositely directed gripping teeth.

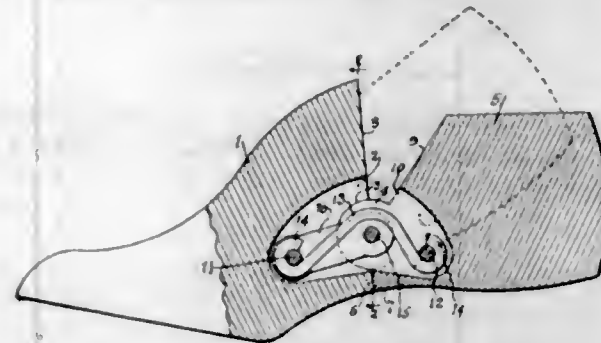
1,641,153. PIPE WRENCH. HERBERT G. BUTT, Wintthrop, Mass. Filed Sept. 16, 1925. Serial No. 56,629. 4 Claims. (Cl. S1-84.)



1. A pipe-wrench comprising a pair of crossed levers connected by a fulcrum stud, so that each lever has an elongated inner handle arm and a shorter outer arm, the

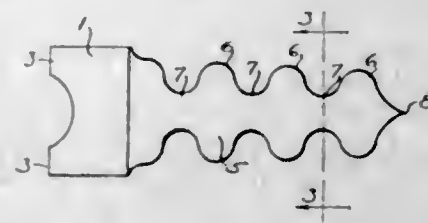
outer arm of one lever being recessed at its inner edge and extended to form a fixed jaw having a substantially semi-circular smooth gripping face within the recessed edge, the outer arm of the other lever being a toggle arm, which is shorter than the recessed arm, a swinging jaw pivoted to the recessed arm and projecting from the recessed edge thereof, and having a substantially semi-circular smooth gripping face arranged to coincide with the gripping face of the fixed jaw, so that the two gripping faces are adapted to substantially surround a pipe when the jaws are in closed relation, the recessed edge of the outer arm permitting a sufficient retraction of the swinging jaw to enable the jaws to be applied to a pipe by an edgewise movement of the wrench, when the jaws are fully separated, and a link pivoted to the said toggle-arm and to the swinging jaw, the toggle-arm and link constituting a toggle adapted to be rendered active by a closing movement of the handle arms, to close the semi-circular jaw faces on a pipe, and to be broken by an opening movement of the handle arms, to cause the retraction of the swinging jaw into the recessed edge, and a pipe-receiving separation of said jaw faces.

1,641,154. LAST. GEORGE CLAUSING, Portsmouth, Ohio, assignor to The Vulcan Last Company, Portsmouth, Ohio, a Corporation of Ohio. Filed Apr. 22, 1925. Serial No. 24,992. 3 Claims. (Cl. 12-136.)



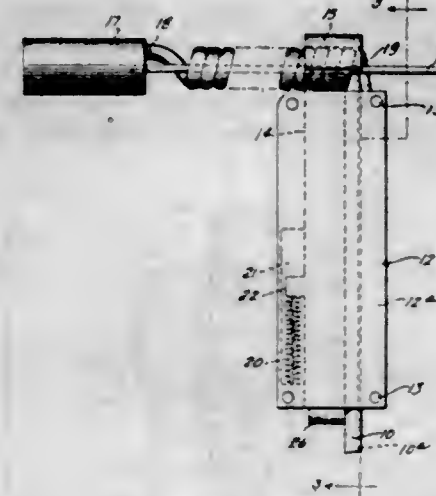
1. In a snap back last, a toe part and a heel part, a projection on one part fitting into a socket in the other part to permit the parts to rock on one another, a hinge pin located in said projection, the center of the pin being the center of the movement of the parts, a link mounted on said hinge pin connecting the part in which the pin is located with the other part, an anchor pin in the other part for supporting the link, and a bow spring mounted on said anchor pin at one end and upon a second anchor pin in the other last part at the other end, and a second anchor pin, the centers of said anchor pins being so arranged that a line drawn therebetween never passes over the center of the hinge pin.

1,641,155. GOLF TEE. GEORGE CLAUSING, Portsmouth, Ohio, assignor to The Vulcan Last Company, Portsmouth, Ohio, a Corporation of Ohio. Filed Mar. 19, 1927. Serial No. 176,811. 3 Claims. (Cl. 273-33.)



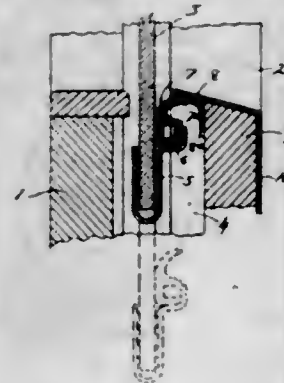
3. In combination in a golf tee of a square head having upwardly projecting semi-circular spaced golf ball supporting edges and a ground attaching shaft having a plurality of separate annular rings whereby the tee is securely held in the ground.

1,641,156. EYEGLASS CONSTRUCTION. STEPHEN J. CLULLEE, Attleboro, Mass., assignor to Bay State Optical Company, Attleboro, Mass., a Corporation of Maine. Filed Oct. 19, 1923. Serial No. 689,567. 25 Claims. (Cl. 18-51.)



12. In apparatus for making eyeglass temple bars and the like, in combination, a supporting member having extending longitudinally therethrough a passage for a celluloid strip, said passage having a cross-section substantially that of said strip, a mandrel having means for attaching thereto the end of said celluloid strip projecting from an end of said passage, said mandrel and said supporting member being relatively rotatable to draw said celluloid strip through said passage, and means upon said supporting member adjacent said end of said passage adapted upon relative rotation between said supporting member and said mandrel to guide said strip in a spiral about said mandrel and to urge the coils thereof into compact abutting relation as they are formed.

1,641,157. WEATHER STRIP FOR SLIDING CLOSURES. EVERETT J. COOK, Toledo, Ohio, assignor to The Dura Company, Toledo, Ohio, a Corporation of Delaware. Filed Mar. 19, 1923. Serial No. 626,209. 3 Claims. (Cl. 20-69.)

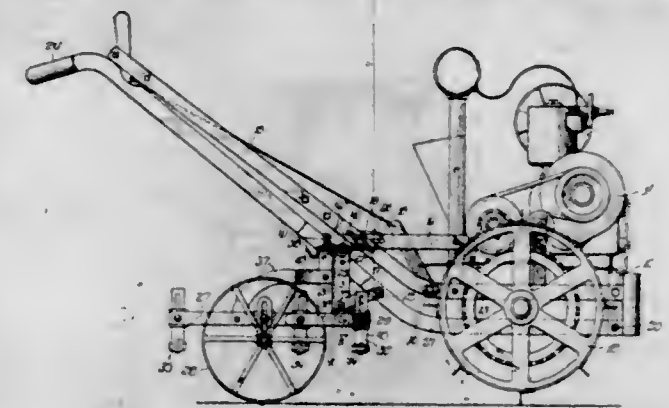


1. The combination with a vertically slidable closure, a frame member extending adjacent thereto and a weather strip upon said frame member extending toward but spaced from said closure, of means for establishing a weather seal between said closure and weather strip without limiting said closure to a definite closed position, said means including a weather strip carried by said closure having a flexible tongue with a portion engageable with the lower face of said first-mentioned weather strip and another portion adapted to extend upwardly between said closure and the adjacent edge of said first-mentioned weather strip in the closed position of said closure.

1,641,158. TRACTOR-CULTIVATOR COMBINATION. FORREST V. DONALD, Port Washington, Wis., assignor to Gilson Manufacturing Company, Port Washington, Wis., a Corporation of Wisconsin. Filed May 25, 1922. Serial No. 563,489. 4 Claims. (Cl. 180-19.)

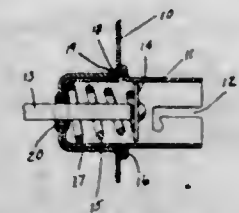
2. In combination a tractor having a main frame member, forked portions on said frame member, a latch

carried by the frame member, a detachable frame, means carried by the detachable frame adapted to engage the



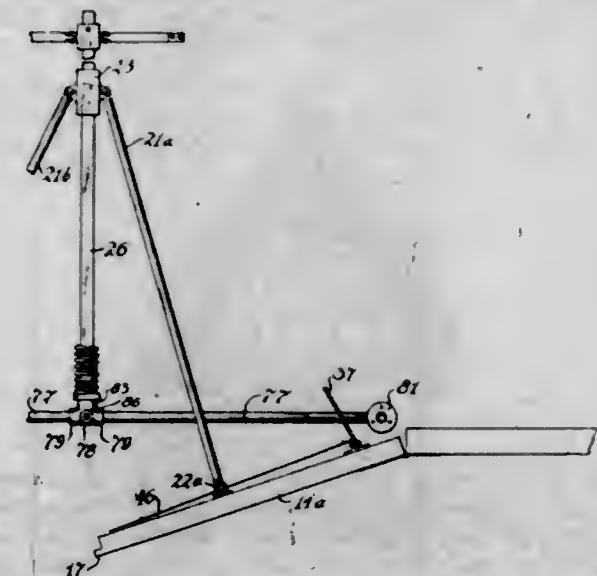
forked portions of the main frame, and a member forming part of the detachable frame and adapted to be secured to the main frame by said latch.

1,641,159. LAMP SOCKET. HARRY C. FOSTER, Connersville, Ind., assignor to Indiana Lamp Corporation, Connersville, Ind., a Corporation. Filed Nov. 20, 1926. Serial No. 149,605. 3 Claims. (Cl. 173-328.)



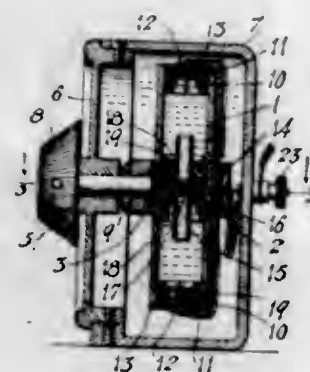
1. In a lamp socket, a support therefor having an opening through which the rear of said socket extends, a projection extending outwardly from said socket in position to abut against one surface of the support, a clamping member formed over the rear portion of said socket in position to engage against the opposite portion of said support whereby said support will be clamped between said member and said projection, and an eyelet clamped through the rear adjacent ends of said socket and member for securing them rigidly together and providing an opening therethrough.

1,641,160. GARAGE-DOOR OPERATING AND SUPPORTING MECHANISM. JOSEPH P. FREDRICK, Chicago, Ill., assignor of one-half to August J. Lurie, Chicago, Ill. Filed Feb. 27, 1926. Serial No. 91,078. 16 Claims. (Cl. 268-62.)



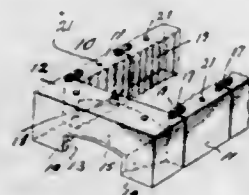
1. In garage door operating mechanism, a guide rod extending longitudinally of the garage, a sliding member on said guide rod, links pivotally connected between said sliding member and each of the garage doors, and door holding means adapted to effect latching engagement between one of said links and its associated door.

1,641,161. TIME ELECTRIC SWITCH. GEORGE A. GEMMER and CLARENCE E. CAMPBELL, Newark, N. J. Filed Oct. 6, 1926. Serial No. 139,836. 11 Claims. (Cl. 200—34.)



1. A time electric switch comprising a cylinder having a piston therein movable by action of gravity, a switch cup having a pair of spaced and insulated electrical contact members therein and mercury to contact with both of said members and movable out of contact with at least one thereof, and means actuated by said piston when it reaches a certain point in said cylinder for displacing said mercury from at least one of said contact members.

1,641,162. STEAM BOILER. LEWIS GLASHOW, New York, N. Y. Filed Sept. 24, 1925. Serial No. 58,231. 2 Claims. (Cl. 122—193.)



2. As an article of manufacture, a metal fire box for installation in an old steam boiler in lieu of the brick fire box thereof, said metal fire box consisting of a front hollow water jacket formed to an arch and hollow side water jackets separably connected to the inner ends of said front water jacket and each composed of separable sections communicating with one another and with said front water jacket.

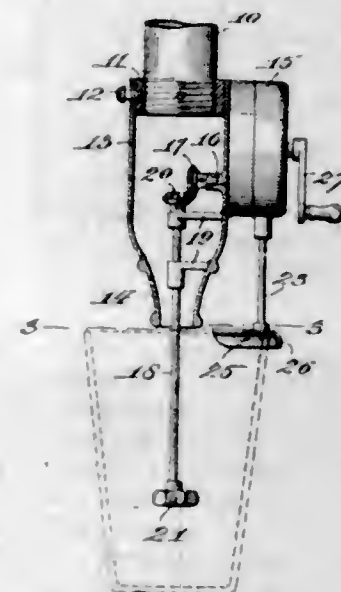
1,641,163. IMITATION TREE. KIPLING ARTHUR GRANT, FRANCIS ROBERT HALLIDAY, and ALEXANDER WILLIAM CAMERON, Toronto, Ontario, Canada; said Halliday and said Cameron assignors to said Grant. Filed Jan. 3, 1927. Serial No. 158,645. 5 Claims. (Cl. 41—15.)



1. In an imitation tree, the combination of a central post; and a collapsible body portion adapted to surround said post and shaped to form when opened up the rough outline of a tree, said body portion being formed of a plurality of superimposed sections, each section comprising a plurality of sheets of thin flexible material hingedly connected at one edge, each sheet being secured to its adjacent sheet on one side on lines alternating with the lines on which it is secured to the adjacent sheet on

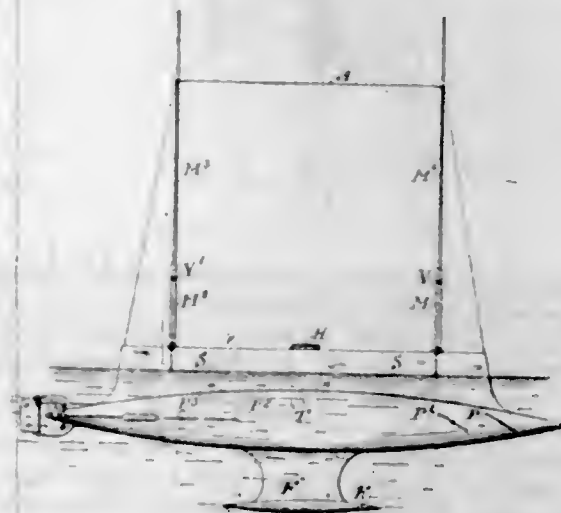
the opposite side, said securing lines extending in a direction away from the axis on which the sheets are hinged, the bottom of said upper section extending in an inclined downwardly direction away from the post.

1,641,164. AUTOMATIC MIXER FOR SODA-DISPENSING FAUCETS. FRANK I. GUNNELL and RALPH MILLER, Los Angeles, Calif.; said Miller assignor to Charles O. Gunnell and Katherine Gunnell, Los Angeles, Calif. Filed Oct. 5, 1926. Serial No. 139,605. 4 Claims. (Cl. 259—24.)



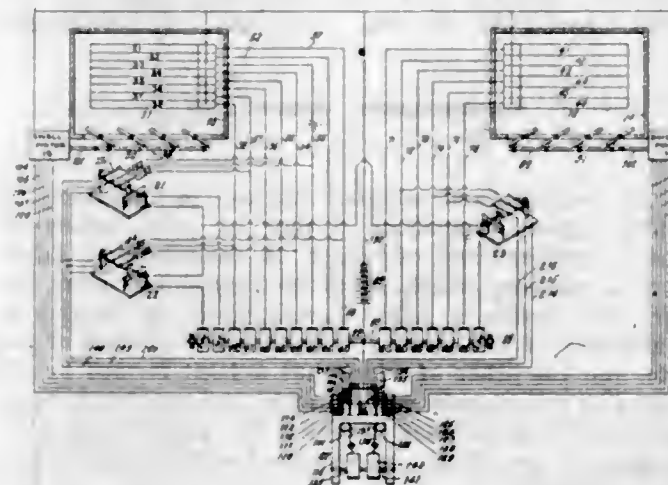
1. A mixing attachment for soda dispensing faucets comprising a tubular member adapted to be detachably applied to the discharge end of the faucet, a spring motor driven member carried by and depending from said tubular member, a mixing head carried by said depending member and means adapted to be engaged by a container positioned beneath the attachment for throwing into operation the spring motor that actuates the mixing head carrying member.

1,641,165. TORPEDO. JOHN HAYS HAMMOND, Jr., Gloucester, Mass. Filed Aug. 2, 1913, Serial No. 782,590. Renewed Aug. 25, 1923. 2 Claims. (Cl. 114—21.)



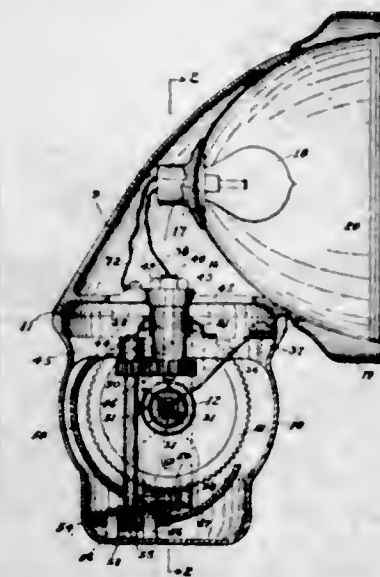
1. In a torpedo, the combination of a hull tapered toward both ends, a superstructure intermediate the ends of the hull, having a width less than the width of the hull, and having its upper surface substantially parallel with the longitudinal axis of the hull said superstructure containing buoyant, shot-absorbing material, a fin bulb keel arranged centrally below the hull, and rudders, turning on horizontal axes, adapted to be set at any angle of inclination.

1,641,166. PEDAL CONTROL OF STOP ACTIONS. JOHN HAYS HAMMOND, Jr., Gloucester, Mass. Filed Aug. 22, 1922, Serial No. 583,605. Renewed Feb. 15, 1927. 8 Claims. (Cl. 84—344.)



2. In a musical instrument actuated by compressed air, a plurality of stops, means for controlling a desired number of said stops, a swell shutter for controlling the passage of air therethrough, and means including a pedal and an electro-magnetic relay operatively interconnecting said pedal with at least some of said stops for simultaneously controlling a predetermined number of the stops and opening the swell shutter a proportional amount.

1,641,167. LIGHT AND CONTROL THEREFOR. EDWARD P. HANNIG, Chicago, Ill. Filed July 13, 1921. Serial No. 484,275. 18 Claims. (Cl. 240—61.)



5. An adjustable light comprising a body section, a central stationary shaft providing a pivotal support therefor, a head section, a stem secured thereto and pivotally mounted in said body section whereby said head section is revoluble on said base section, means for driving said head section, comprising a motor, a gear on said stem and transmission gearing between said gear and said motor, means for driving said body section comprising a motor, a gear fixed to said body section, transmission gearing between said gear and said last mentioned motor, and means for controlling the operation of said motors.

1,641,168. HANDSAW. WILLIAM LOUIS JACQUES, Central Falls, R. I. Filed Mar. 5, 1926. Serial No. 92,495. 1 Claim. (Cl. 7—13.)

A handsaw having a wood handle and a saw blade extending into the wood handle, said wood handle having L-shaped outside metal reinforcing plates, the short

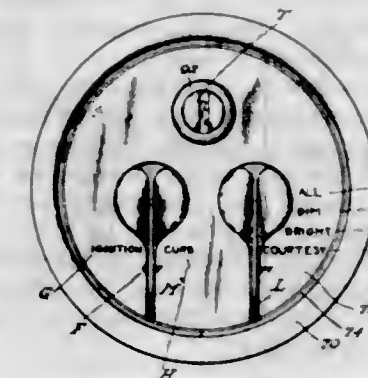
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arm of each L-shaped plate contacting with the saw blade and the long arm of each L-shaped plate overlapping the wood handle, the short arm of each L-shaped plate forming straight raised metal heels and the long arm of each L-shaped plate forming metal plates on the out-



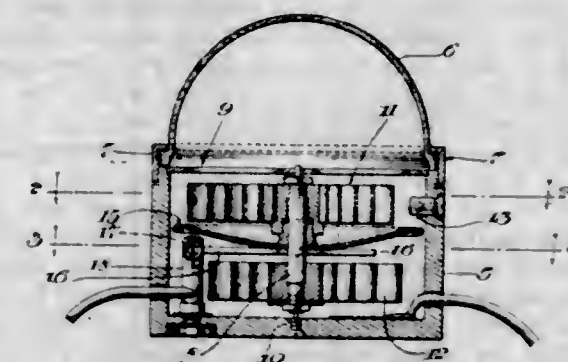
side of the wood handle, the outside metal plates extending to the opening in the handle, and means consisting of rivets which extend through the outside metal plates, the wood handle and the saw blade, for the purpose as described.

1,641,169. IGNITION SWITCH. WILLIAM KAISLING, Chicago, Ill., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill., a Corporation of Illinois. Filed May 14, 1923. Serial No. 638,924. 24 Claims. (Cl. 200—44.)



1. In a device of the character described, a mounting plate, an insulation member, a plurality of stationary contact members secured to said mounting plate and having a portion of their body engaging notches in said insulation member, a contact spring carrying element, means for rotatably supporting said element on said mounting plate, a lever for engaging said element for rotating said element to cause the contact springs carried by said element to engage and disengage certain ones of said stationary contact members, said lever adapted to extend through said element, and means for engaging said lever to prevent displacement of the same.

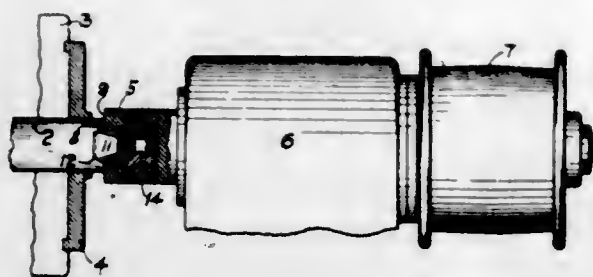
1,641,170. LIGHT-OPERATED-CONTROLLING APPARATUS. GUSTAV V. KARLSON, Elizabeth, N. J. Filed Apr. 15, 1926. Serial No. 102,352. 6 Claims. (Cl. 200—138.)



1. In a light-operated controlling apparatus, the combination of two reversely-disposed volutes constituting thermal elements which are equally affected by atmospheric temperatures so as to contract and expand uni-

formly in the absence of light, and a rotatable member to which the inner ends of said elements are connected so as to maintain said member normally in equipoise, one of said elements being adapted to be exposed to the influence of light which effects unequal expansion of said element and partial rotation of said member.

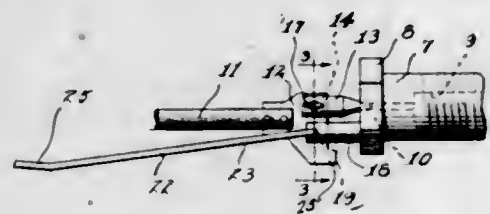
1,641,171. METHOD AND APPARATUS FOR MAKING GASKETS. JULIUS KINDERVATER, Brooklyn, N. Y. Filed Oct. 28, 1925. Serial No. 65,302. 6 Claims. (Cl. 29-27.)



1. The process of making metallic gaskets, which comprises spinning a bevelled end on a tube; and then separating the bevelled end from the remainder of the tube by a transverse cut; thereby forming a gasket of a shape like a frustum of a cone.

3. In apparatus for forming metallic gaskets from tubular stock, the combination of a hollow rotatable spindle forming a holder for a tubular blank; a tube seating therein; a rotatable tool holder having an inclined annular shoulder thereon for spinning a bevelled end on said tubular blank; a plug seated in a transverse aperture in the holder; and a cutting tool mounted in the tool holder and extending into the plug, the cutting tool being adapted to engage the bevelled end of the blank and sever it by a transverse cut.

1,641,172. AUTOMATIC HUMIDIFIER FOR WARM-AIR FURNACES. ALBERT H. KUNDEE, Dowagiac, Mich., assignor to Premier Warm Air Heater Company, Dowagiac, Mich., a Corporation of Michigan. Filed Jan. 24, 1927. Serial No. 163,254. 6 Claims. (Cl. 137-104.)



1. In a humidifier for warm air furnaces, the combination of a casing having an enlarged end portion, side walls converging inwardly from said end portion to a point in close proximity to each other, an end wall connecting said converging side walls, a headed coupling supported by said end wall and having a passageway therethrough terminating in a valve seat within the casing, a post projecting from said headed coupling within the casing and provided with a transverse opening therethrough, a float rod within the casing having a float positioned at one end thereof in the enlarged end portion of the casing, a plate secured to the other end of said float rod and having an opening adapted to register with the opening in the said post, a valve carried by said plate and means for pivotally mounting said float and valve within the casing comprising a removable pivot pin having one portion extending through the openings in the said post and plate and having another portion extending from said first mentioned portion and abutting against one of the converging side walls of the casing for holding the pin in position under tension.

1,641,173. BELT FOR PAPER-FINISHING MACHINES. FRANK C. LADD, Dalton, and FRANKLIN G. NEAL, Springfield, Mass., assignors to Eastern Manufacturing Company, Boston, Mass., a Corporation of Massachusetts. Original application filed Apr. 20, 1914, Serial No. 833,270. Divided and this application filed Apr. 17, 1920. Serial No. 374,531. 2 Claims. (Cl. 101-28.)

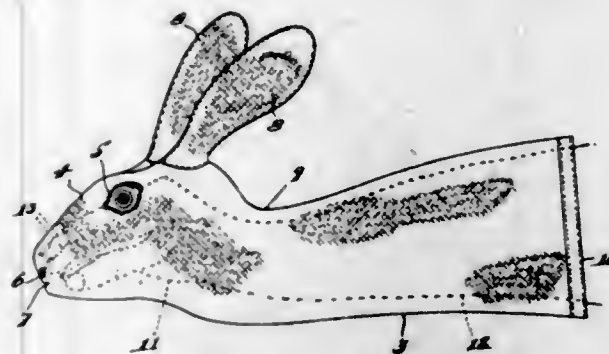


1. An endless band adapted for use in machines for finishing paper, comprising a pair of plies adhesively secured together, one of which is composed of fabric having a pattern which is to be reproduced upon the paper, and having a joint therein which is formed by the abutting of the cleanly severed warp threads of the fabric, and the other of which has a joint formed by the abutting of two cleanly severed ends, the two joints being spaced one from another, whereby the paper finished by said band is free from appreciable blemishes reproduced from said joints.

1,641,174. PROCESS OF TREATING BROOM CORN. FRANK R. LAY, Indianapolis, Ind. Filed Jan. 18, 1927. Serial No. 161,949. 2 Claims. (Cl. 99-12.)

2. The process of treating broom corn fibre, which process consists in forming fibre into a broom, subjecting the lower portion of the broom fibre to a hot solution of lime water, and thereafter subjecting said broom fibre to a heated preparation of creosote, substantially as set forth.

1,641,175. TOY. FELIX J. LEMIEUX, Chicago, Ill. Filed June 5, 1926. Serial No. 113,871. 1 Claim. (Cl. 46-40.)

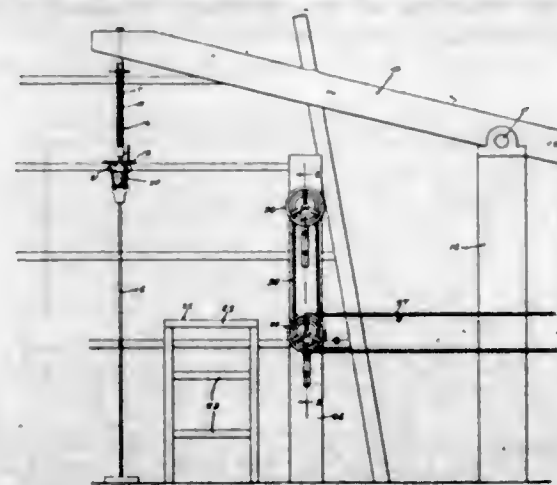


A toy or amusement device constructed in imitation of an animal, comprising a flexible, tubular bag adapted in size to fit over a hand and forearm; the closed end of said bag being shaped and marked to represent the head of said animal, and being equipped with stiffened projections simulating ears; the open end of said bag being adapted to admit the hand and arm therein; the whole device being adapted to respond to motions of the fingers and wrist of said hand by quivering motions of the face, by raising, lowering and turning the head, and moving the ears of said toy or device, thereby attaining a lifelike appearance, substantially as described.

1,641,176. APPARATUS FOR DRILLING WELLS. FOREST J. LEWIS, Cleveland, Ohio. Filed Sept. 7, 1926. Serial No. 133,596. 1 Claim. (Cl. 255-11.)

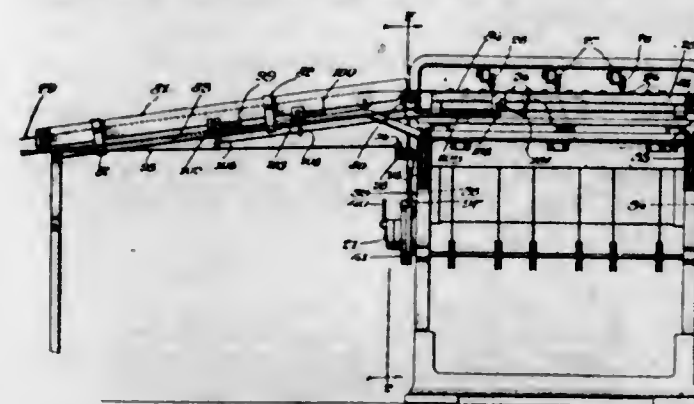
In a drilling rig for oil wells comprising vertically reciprocating drill means; means for reciprocating said drill means; actuating means for said drill reciprocating means; and means for controlling from a distance said actuating means and through such actuating means the position of said drill reciprocating means to facilitate adjustment of said drill means on said reciprocating means and accessible at any elevation to which an operator may be required to go in making such adjustment, comprising a support, a first threaded stud carried

by said support, a rotatable member mounted on said stud and operatively connected with the control of said actuating means, a second threaded stud carried by said



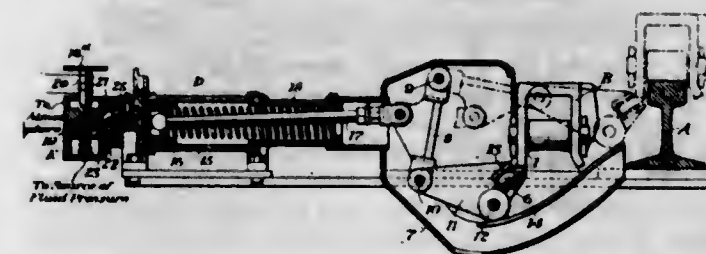
support, a rotatable member on said second stud, and means operatively connecting said first rotatable member and said second rotatable member.

1,641,177. COMBINED PRINTING AND BRONZING MACHINE. EDWARD R. LINEBAUGH, Barberton, Ohio, assignor to The Diamond Match Company, Chicago, Ill., a Corporation of Illinois. Filed Dec. 5, 1925. Serial No. 73,304. 11 Claims. (Cl. 271-50.)



1. The combination with a bronzing machine having a rotatable sheet-receiving cylinder and mechanism for simultaneously feeding a plurality of sheets to the cylinder of a printing press in co-operative relation to the bronzing machine, sheet conveying mechanism interposed between the said printing press and the sheet feeding mechanism of the bronzing machine, means for transferring the sheets successively from the press to the sheet conveying mechanism, and means for temporarily arresting the travel of predetermined sheets when they are imposed on said conveyer at the printing press, said last-named means being operatively connected with the feeding mechanism of the bronzing machine.

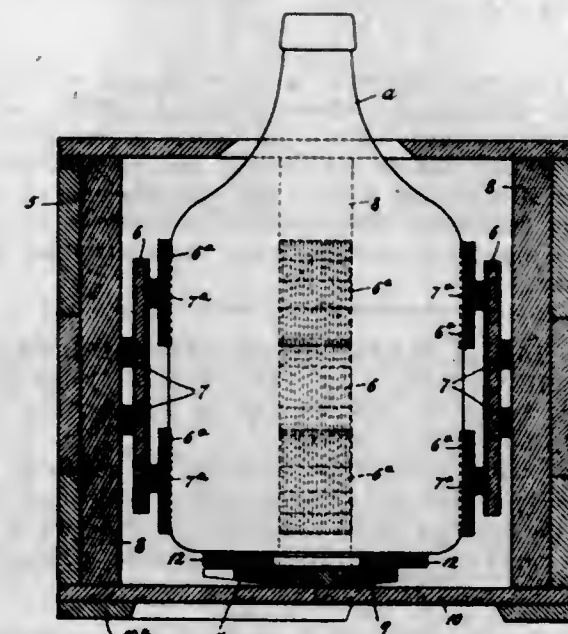
1,641,178. RAILWAY SKATE-OPERATING APPARATUS. EDWIN G. LITTLE, Pittsburgh, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a Corporation of Pennsylvania. Filed Jan. 26, 1926. Serial No. 83,912. 11 Claims. (Cl. 104-257.)



2. Railway skate operating apparatus comprising a movable link provided with a yoke for freely receiving

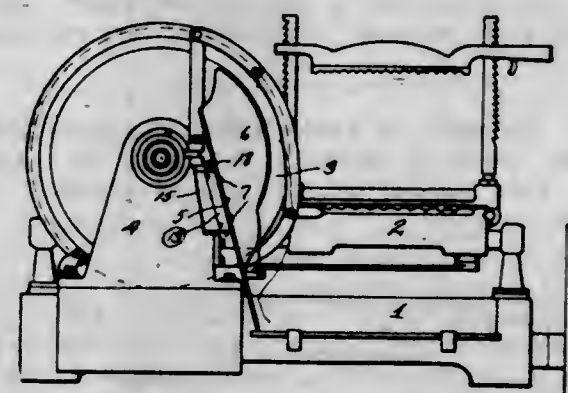
said skate, the skate being at times clamped in said yoke by its own weight, and means for operating said link to move said skate to its active position.

1,641,179. CARBOY PACKAGE. WILLIAM H. LOHMANN, Wilmington, Del., assignor to General Chemical Company, New York, N. Y., a Corporation of New York. Filed Sept. 3, 1924. Serial No. 735,537. 14 Claims. (Cl. 217-54.)



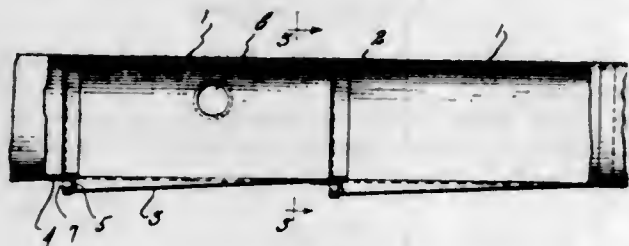
1. In a carboy package, the combination of a receptacle adapted to contain a carboy, means whereby said carboy is held against lateral movement in said receptacle, and a bottom support set upon the bottom of said receptacle for supporting said carboy therein, said bottom support being capable of compound rocking movements relatively to said bottom, in vertical planes transverse to each other, for automatically adjusting itself to conform to the bottom shape of said carboy.

1,641,180. DEFLECTING PLATE FOR SLICING MACHINES. PATRICK J. LUCEY, South Bend, Ind., assignor to Lucey Slicing Machine Co., South Bend, Ind. Filed Jan. 24, 1925. Serial No. 4,520. 5 Claims. (Cl. 146-102.)



1. The combination with a plate and a support for said plate, of means for attaching said plate to said support, said means comprising shafts carried by the plate, shoulders carried by the shafts, a rotatable operating shaft, latching members carried by the operating shaft and cooperating with the shoulders when the plate is in position, spring means cooperating with the operating shaft for maintaining the latching member in engagement with the shoulders, and means carried by the operating shaft and adapted to be grasped by the operator for rotating the operating shaft.

- 1,641,181. PNEUMATIC CONVEYER. RUSSELL C. MAHON, Detroit, Mich. Filed Aug. 9, 1926. Serial No. 128,094. 12 Claims. (Cl. 302-29.)

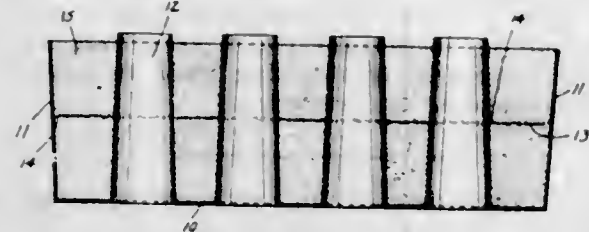


1. In a pneumatic conveyer, a series of sections fitting together in end to end relation to form a conduit, each section being provided with a depression in the bottom beginning at one end of the section and sloping longitudinally of the section toward the opposite end of the section, the depression being open to atmosphere at the end, and a manually operable valve for controlling the said opening.

- 1,641,182. BLACK SULPHURIZED NAPHTHOL DYES. CHARLES HENRI MARSCHALK, Paris, France. Filed Mar. 11, 1924, Serial No. 698,568, and in France Mar. 16, 1923. 7 Claims. (Cl. 260-20.)

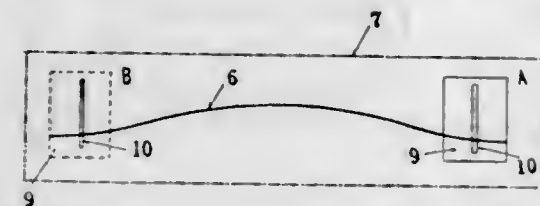
1. Black vatting dyestuff, obtained by the action of an alkaline polysulphide on a condensation compound obtained by the reaction of an anhydrous chloride which is a reducing agent upon an hydroxy-naphthalene derivative.

- 1,641,183. SOLIDIFIED DEODORANT AND INSECTICIDE. EATHEL E. MARTIN, Indianapolis, and HARRY W. DIETRICH, Noblesville, Ind., assignors to J. I. Holcomb Mfg. Co., Indianapolis, Ind., a Corporation. Filed Mar. 2, 1925. Serial No. 12,661. 1 Claim. (Cl. 167-3.)



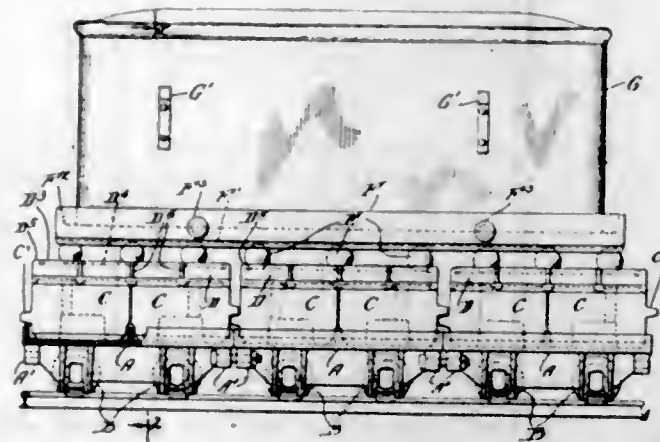
A disinfecting block formed of materials susceptible to vaporizing and crumbling, a reinforcing element in said block, comprising a woven fabric embedded wholly within said block and terminating at its ends and edges a slight distance inwardly from the corresponding ends and edges of said block.

- 1,641,184. METHOD OF PRODUCING ANAMORPHOUS IMAGES. JOHN K. MCNEELY, St. Louis, Mo. Filed May 5, 1924. Serial No. 711,095. 3 Claims. (Cl. 88-24.)



1. The method of producing an anamorphous image which comprises projecting an enlargement of a fixed image upon a distant plane and moving a sensitized surface and a slotted shield across said plane in a direction substantially perpendicular to the slot in said shield, the shield being arranged between the fixed image and the sensitized surface and producing a progressive movement of the projected enlarged image across substantially the entire width of the sensitized surface.

- 1,641,185. KILN CAR. PAUL A. MEEHAN, Cleveland, Ohio, assignor to American Dressler Tunnel Kilns, Inc., Cleveland, Ohio, a Corporation of New York. Filed May 20, 1922, Serial No. 562,497. Renewed Feb. 5, 1927. 7 Claims. (Cl. 105-366.)



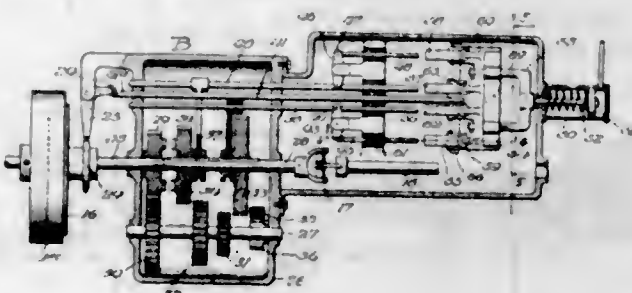
1. In a kiln car, the combination with a car body of a metallic work supporting platform, and a plurality of metallic pedestal members resting on said car body and supporting said platform with some at least of the contacting surfaces of said members, car body and platform non-uniform so that by adjustment of said members relative to said car body and platform the weight of said platform and its load may be properly distributed among the various members.

- 1,641,186. KILN CAR. PAUL A. MEEHAN, Cleveland, Ohio, assignor to American Dressler Tunnel Kilns, Inc., Cleveland, Ohio, a Corporation of New York. Filed Apr. 22, 1926. Serial No. 103,888. 6 Claims. (Cl. 25-142.)



1. In a kiln car, the combination with the car body, of a metal cover plate member for said body, a metallic work supporting platform member and means including rolling bodies between said members and a projection on one of said members in frictional engagement with the other through which said platform member is supported by said cover plate member with limited freedom for relative movement to accommodate relative thermal expansion and contraction.

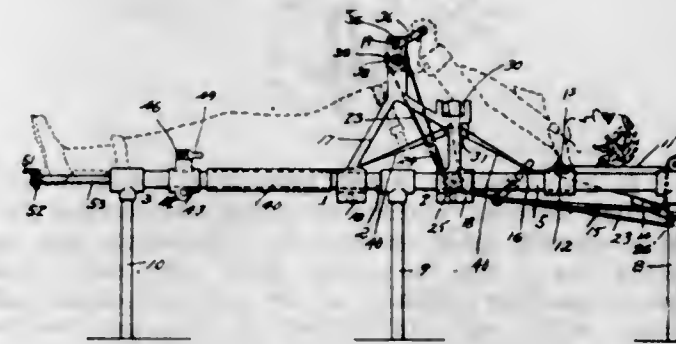
- 1,641,187. TRANSMISSION GEARING. LEE W. MELCHER, West De Pere, Wis. Original application filed Mar. 5, 1923, Serial No. 622,751. Divided and this application filed Nov. 12, 1924. Serial No. 749,385. 9 Claims. (Cl. 74-58.)



1. In mechanism of the character described, the combination of a drive shaft, a shaft to be driven, variable speed transmission gearing and a clutch between said

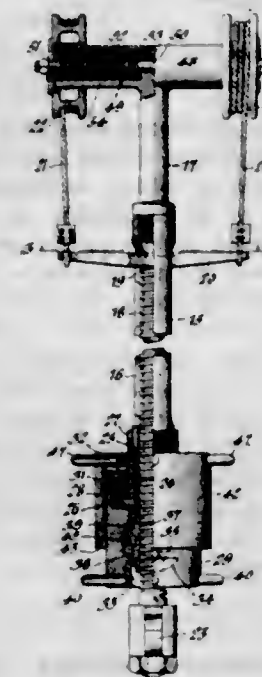
shafts, and means for controlling said gearing comprising a slidably mounted carrier, gear-shifting elements mounted on the carrier, means for shifting the gearing, means for selectively controlling said elements to render them operative during the shift of the carrier, and clutch-shifting means connected to be operated by the carrier.

- 1,641,188. EXERCISING COT. PAUL T. MITTAG, Los Angeles, Calif. Filed Apr. 12, 1926. Serial No. 101,440. 8 Claims. (Cl. 272-58.)



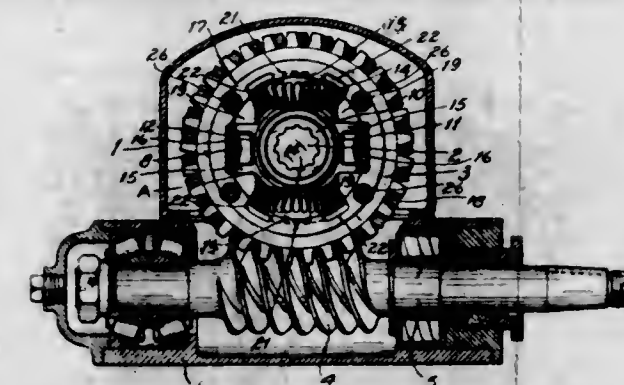
1. An exercising cot, a frame, a body rest on said frame, a head rest on said frame, a back engaging member mounted on said frame to be raised and lowered and to engage the occupant under the small of the back, and means for raising and lowering said back engaging member for raising and lowering the occupant's body at the small of his back.

- 1,641,189. TEMPER SCREW. GUSTAVUS A. MONTGOMERY, Titusville, Pa., assignor to Titusville Forge Company, Titusville, Pa., a Corporation of Maryland. Filed Apr. 11, 1924. Serial No. 705,905. 9 Claims. (Cl. 255-15.)



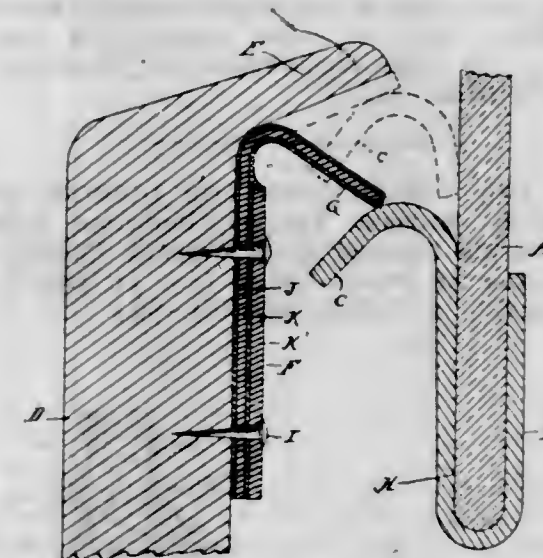
1. In a device of the character described, a temper screw, a casing in which said screw is guided for movement lengthwise thereof, two relatively rotatable members arranged at the lower end of said casing, one of said members being held against movement axially of the screw and the other being free to move axially thereof, and an internally-threaded element carried by said first-named rotatable member for movement into and out of engagement with said screw, said second-named rotatable member being arranged to control the movements of said screw-threaded element.

- 1,641,190. DIFFERENTIAL MECHANISM. MATHEW B. MORGAN, Detroit, Mich., assignor to The Timken-Detroit Axle Company, Detroit, Mich., a Corporation of Michigan. Filed Apr. 2, 1927. Serial No. 180,448. 9 Claims. (Cl. 74-99.)



1. In a differential mechanism, a driving gear ring having spaced lugs on its inner surface forming longitudinal grooves, a spider having radial arms and radial stub shafts that are free to move relatively to said ring in the plane thereof, bevel pinions mounted on said stub shafts and driven gears engaging said pinions said radial arms fitting in said grooves and constituting the sole driving connection between said gear ring and said spider, and said stub shafts constituting the sole journals for said pinions.

- 1,641,191. WEATHER STRIP. STANLEY W. NICHOLSON, Toledo, Ohio, assignor to The Dura Company, Toledo, Ohio, a Corporation of Delaware. Filed Apr. 23, 1923. Serial No. 634,132. 2 Claims. (Cl. 20-69.)

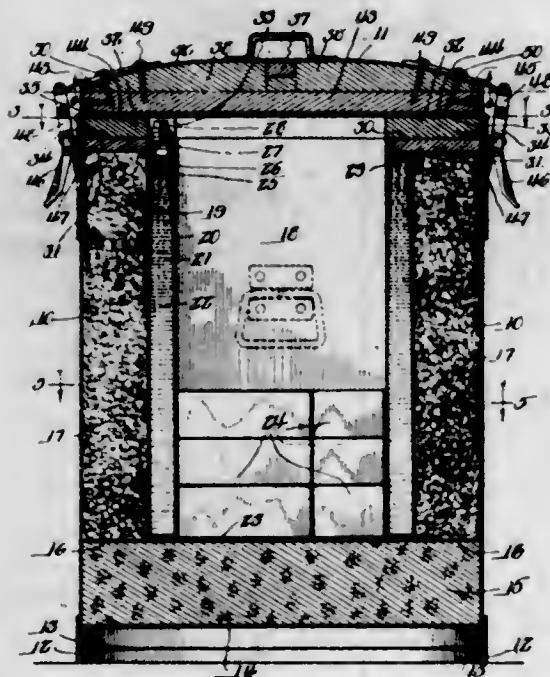


1. The combination with a vertically slidable closure and a weather-strip carried thereby, of a frame member having an upper portion projecting towards said closure, and a weather-strip secured to the interior face of said frame member having a flexible flap formed by its upper portion normally projecting downwardly at an acute angle to the body of the strip for engagement by the weather-strip upon the closure and actuable by the latter strip between said normal position and a limiting position of contact with said projecting portion of the frame member.

- 1,641,192. ICELESS REFRIGERATOR TANK. LOUIS B. OLIN, Chicago, Ill. Filed Sept. 13, 1926. Serial No. 135,017. 1 Claim. (Cl. 220-9.)

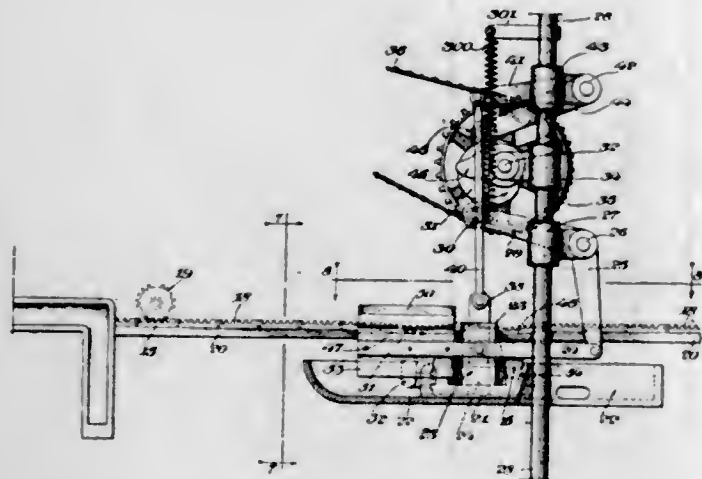
In a refrigerator tank the combination of an exterior wall, a bottom wall or floor, a layer of granulated cork upon said floor, a plate above said granulated cork, a

brine container having a brine compartment, another compartment within said brine container adapted to contain ice cream or other food products, an insulation of kapok encircling said brine container, said brine tank being offset at its top to form a ledge or seat, a wood cover over said kapok insulation and resting in said seat, said wood cover being notched, a sleeve and plug in



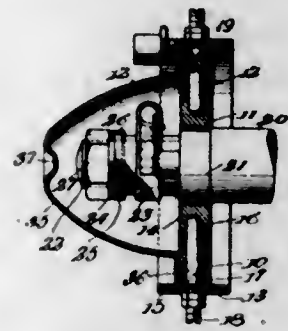
said brine tank to enable brine to be poured in said tank, said sleeve and plug fitting in said notch, and a cover for said refrigerator tank adapted to be clamped upon said tank, said cover being provided with a plurality of compartments, and kapok insulation within said compartments, said ice cream compartment being encircled by the brine compartment and completely surrounded by insulation.

1,641,193. MECHANISM FOR DIPPING MATCH SPLINTS. MICHAEL PARIDON, Barberton, Ohio, assignor to The Diamond Match Company, Chicago, Ill., a Corporation of Illinois. Filed Nov. 14, 1924. Serial No. 749,817. 9 Claims. (Cl. 144-60.)



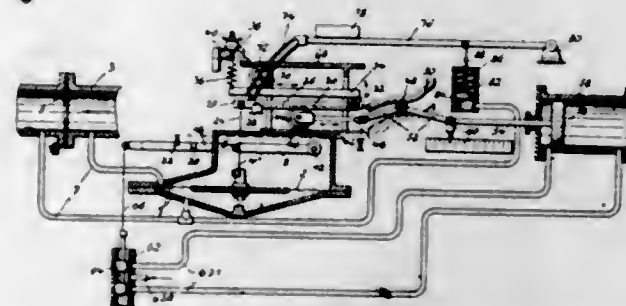
1. The combination with a splint carrier, of a vessel adapted to contain material for impregnating the splints, and means for producing a relative movement between said vessel and carrier to effect the immersion of the splints in and their separation from the contents of the vessel, the motion of immersion being rapid and the motion of separation being relatively slow.

1,641,194. COMMUTATOR. PURDY M. RANDALL, New York, N. Y., assignor, by mesne assignments, to Frank C. Briggs, trustee, New York, N. Y. Filed Apr. 14, 1919, Serial No. 289,902. Renewed Jan. 27, 1922. Serial No. 532,260. 17 Claims. (Cl. 200-25.)



11. In a commutator, a body comprising a disk of non-conducting material, contacts extending therethrough presenting opposite faces whereby the commutator may be reversed end to end to employ either side, and a lug mounted upon the periphery of the body, detachable and reversible with respect to the body so as to preserve its position when the commutator is reversed.

1,641,195. MEASURING SYSTEM. ERICH ROUČKA, Blansko, Czechoslovakia. Filed July 17, 1922, Serial No. 575,751, and in Czechoslovakia Sept. 1, 1921. 8 Claims. (Cl. 73-167.)

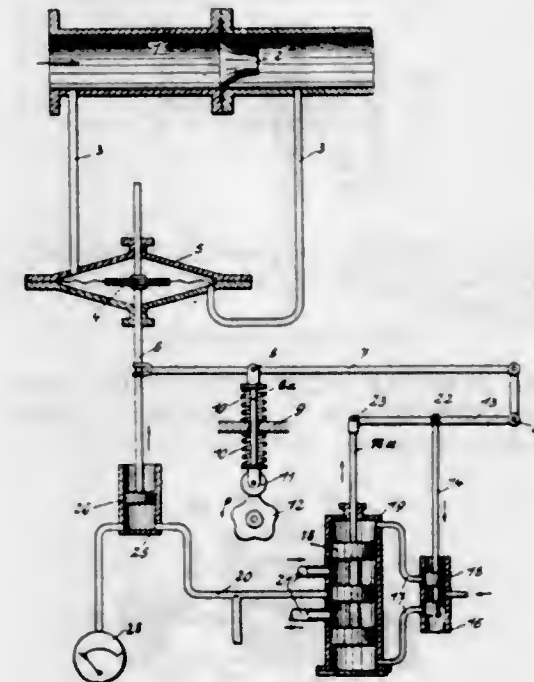


1. A device of the character described for measuring a variable value, comprising means operating on a lever principle the leverage of which is variable, means actuated by said value so as to produce a force, means for producing another force, means for connecting the second-mentioned means and the third-mentioned means to the first-mentioned means whereby the latter is actuated to produce a balanced relation between said value and said force, means other than the displacement of the points of connection of said second-mentioned means and said third-mentioned means to said first-mentioned means for varying the leverage of said first-mentioned means to restore balance between said value and said second force after departures from said balanced relation due to variations in said value, and means for indicating the variations in said leverage to measure said value.

1,641,196. MEASURING SYSTEM. ERICH ROUČKA, Blansko, Czechoslovakia. Filed July 17, 1922, Serial No. 575,754, and in Czechoslovakia Sept. 1, 1921. 9 Claims. (Cl. 73-167.)

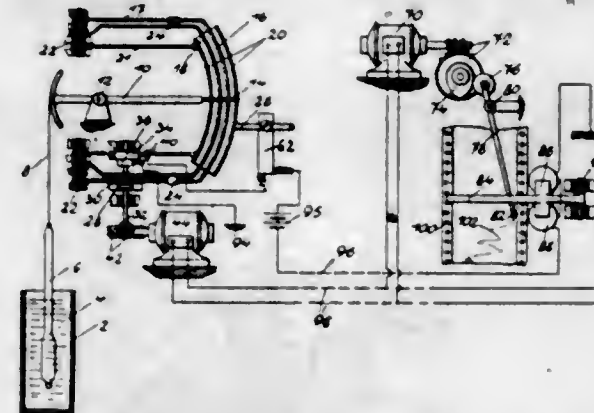
1. A system for measuring a variable condition by an auxiliary variable fluid condition, comprising means movably sensitive to the condition to be measured, means movably sensitive to an auxiliary fluid condition, said two means being arranged to have a balanced relation, means actuated by cooperation of said two means upon and as a function of a departure thereof from said balanced relation due to variation in the condition to be measured to vary said auxiliary fluid condition and restore said balanced relation, said hereinbefore-mentioned

means including a plurality of relatively movable slidably cooperating parts, means for producing vibrations or slight relative movement of said parts independently



of the operating movements thereof to reduce friction between said parts, and means for measuring said fluid condition.

1,641,197. SYSTEM FOR TRANSMITTING VARIABLE CONDITIONS. ERICH ROUČKA, Blansko, Czechoslovakia. Filed Jan. 2, 1923, Serial No. 610,388, and in Czechoslovakia Jan. 12, 1922. 7 Claims. (Cl. 177-351.)

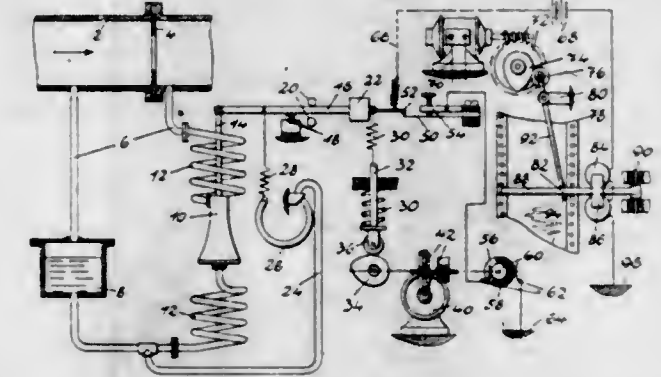


1. A system for transmitting variable conditions, comprising a member movable in accordance with variations in a variable condition to be measured or transmitted, a source of auxiliary energy, and means movable in cycles of regular intervals of time in a direction other than that of the movement of said movable member, said regularly movable means engaging said movable member at points in each of said cycles dependent upon the then magnitude of said condition to hold said member against movement under the influence of said condition and to cooperate with said member to produce an impulse of said auxiliary energy whereby the time position of said impulse in the interval of time of the corresponding cycle is a function of the magnitude of the condition at the moment of said impulse.

1,641,198. SYSTEM FOR TRANSMITTING VARIABLE CONDITIONS. ERICH ROUČKA, Blansko, Czechoslovakia. Filed Jan. 2, 1923, Serial No. 610,389, and in Czechoslovakia Jan. 10, 1922. 8 Claims. (Cl. 177-351.)

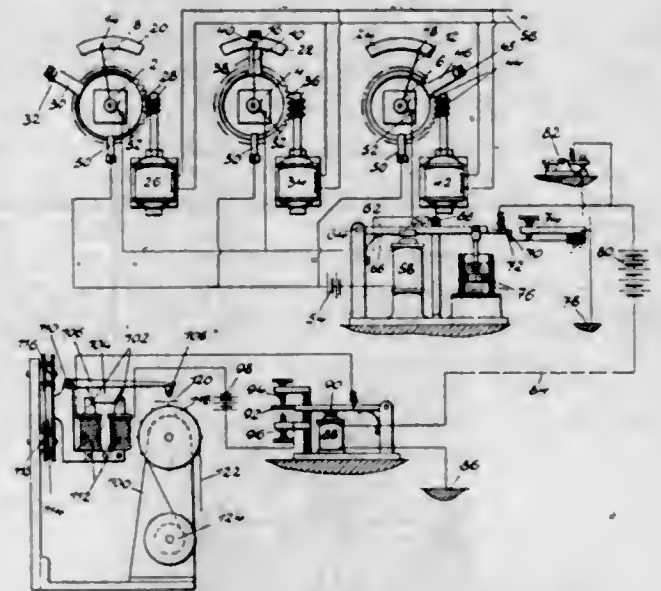
1. A system for transmitting variable conditions, comprising movable means actuated by force in accordance with variations in the condition to be transmitted, means

for varying an extraneous force in cycles of regular intervals of time, a source of auxiliary energy, and means for producing cooperation of said movable means and said second-mentioned means so that at a point in each of said cycles dependent upon the then magnitude



of said condition said extraneous force compensates the force exerted on said movable means by said condition to produce an impulse of said auxiliary energy whereby the time position of said impulse in the interval of time of the corresponding cycle is a function of the magnitude of said condition at the moment of said impulse.

1,641,199. RECORDING SYSTEM. ERICH ROUČKA, Blansko, Czechoslovakia. Filed Mar. 14, 1923, Serial No. 625,154, and in Czechoslovakia Mar. 13, 1922. 13 Claims. (Cl. 234-1.5.)

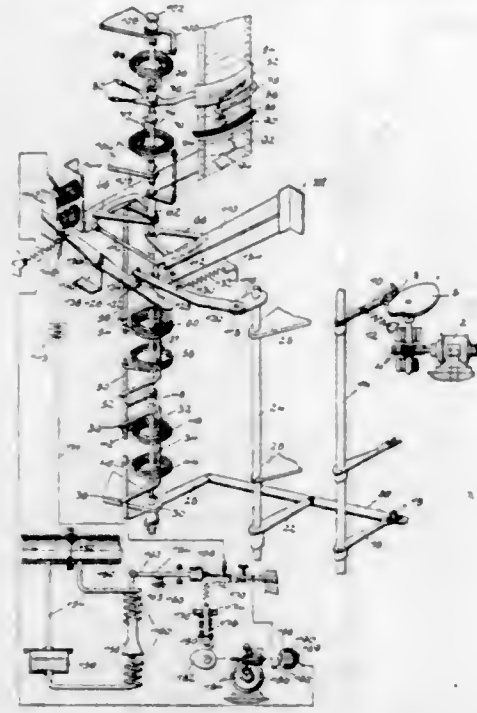


1. A recording apparatus for use with a system for transmitting a plurality of variable conditions wherein impulses of auxiliary energy are successively produced at points in cycles of regular intervals of time corresponding to the magnitudes of the respective conditions being transmitted comprising a record element, and means common to all of said conditions movable in regular cycles synchronously with the cycles in which said impulses are produced and actuated by said impulses of auxiliary energy to cooperate with said record element to successively produce a plurality of records one for each of said plurality of conditions to be recorded.

1,641,200. SYSTEM OF MEASURING BY IMPULSES OF AUXILIARY ENERGY. ERICH ROUČKA, Blansko, Czechoslovakia. Filed Aug. 20, 1923, Serial No. 658,351, and in Czechoslovakia Sept. 1, 1922. 12 Claims. (Cl. 177-351.)

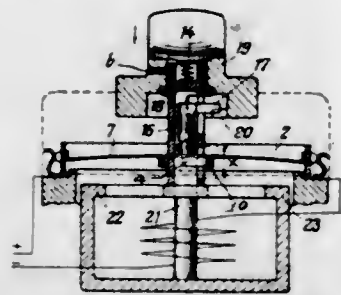
1. A receiving means for use in a value transmitting or measuring system wherein impulses of auxiliary energy are produced at points in cycles of regular intervals of time corresponding to the magnitude of the value to be transmitted or measured, comprising a member movable

in cycles of regular intervals of time synchronous with the intervals in which the impulses are produced, means for so moving said member, a movable device one position of which is to correspond to the time position of each of said impulses, means yieldingly connecting said de-



vice and said member for corresponding and relative movement, and means normally restraining said device from movement with said member but actuated by an impulse of energy for releasing said device to permit it to assume a position corresponding to the position of said member at the instant of said impulse.

1,641,201. AUTOMATIC EXCESS-CURRENT SWITCH WITH ELECTROMAGNETIC AND THERMIC RELEASE. SIGWART RUPPEL, Frankfort-on-the-Main, Germany. Filed May 1, 1926. Serial No. 105,914, and in Germany Jan. 24, 1924. 5 Claims. (Cl. 200-88.)

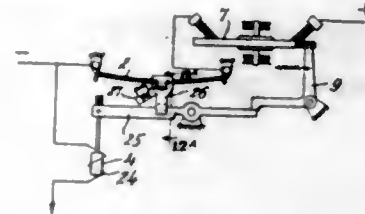


1. An interrupter for electric circuits comprising the combination of a switch member biased in the open position but normally held in the closed position, a thermally actuated device and an electromagnetically responsive device operatively associated with one another and acting in opposite directions to release the switch member.

1,641,202. INTERRUPTER FOR ELECTRIC CIRCUITS. SIGWART RUPPEL, Frankfort-on-the-Main, Germany. Filed May 1, 1926. Serial No. 105,915, and in Germany Jan. 24, 1924. 4 Claims. (Cl. 200-88.)

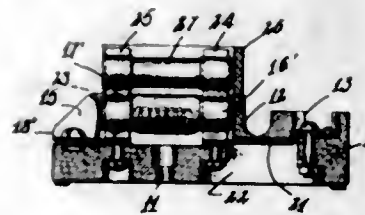
2. An interrupter for electric circuits comprising the combination of a switch member biased to the open position, a latch for holding the switch member in the closed position, and an electro-magnetically responsive device and a thermally actuated device associated with one another to actuate the latch, each of said devices having a moving element, the moving elements of said devices being arranged to directly engage one another so that when the thermally actuated device is relatively cool the movable

element of the electro-magnetically responsive device is retarded in its movement, said retarding effect becoming less as the temperature of the thermally actuated device



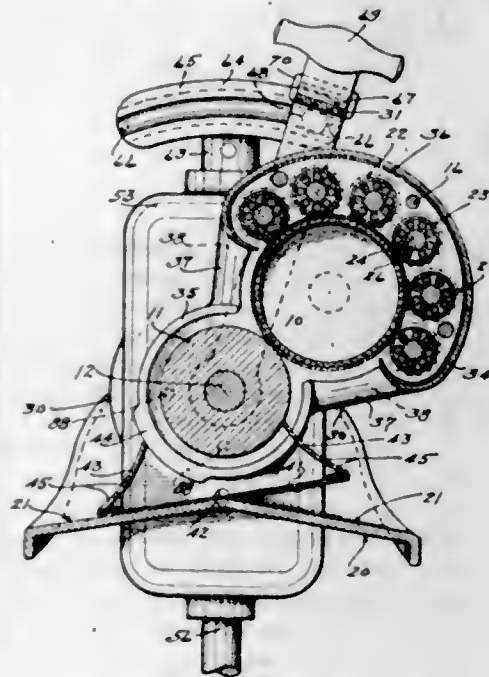
increases, the thermally actuated device acting to assist the electro-magnetically responsive device at relatively high temperatures.

1,641,203. ELECTRIC-FUSE INDICATOR. FRANK SCORDAMAGLIA, Brooklyn, N. Y. Filed Mar. 3, 1926. Serial No. 91,874. 2 Claims. (Cl. 200-121.)



1. In a device of the class described, an insulation block formed with a pair of transverse grooves, and a pair of longitudinal chambers, a terminal in one of said transverse grooves, electrically connected to a clip in one of said chambers, engaging one end of a fuse having its other end engaged by another clip electrically connected to a terminal, and a terminal in the other of said transverse grooves electrically connected to a long clip in the other of said chambers, engaging one end each of a fuse and an indicating lamp, having their other ends engaged by another long clip electrically connected to another terminal.

1,641,204. CLOTHES WRINGER. WILLIAM P. SHATTUCK, Minneapolis, Minn. Filed Dec. 10, 1925. Serial No. 74,498. 12 Claims. (Cl. 68-32.)



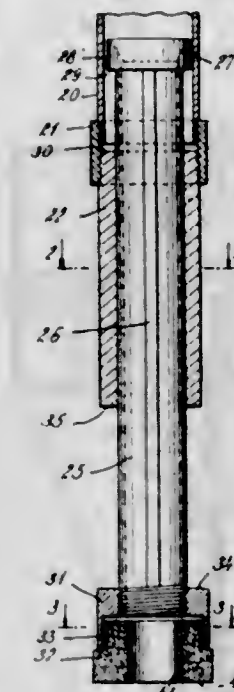
1. In a wringer, the combination with a floating pneumatic roll, of an abutment for one side of the roll, said abutment being in the form of a cage in which said roll lies, and a roll having wringing engagement with the other side of the pneumatic roll, said pneumatic roll being supported entirely by peripheral contact, said cage having driven members affording a peripheral drive for the pneumatic roll.

1,641,205. HAIR-CURLING DEVICE. WILLIAM GENTRY SHELTON, St. Louis, Mo. Filed May 7, 1926. Serial No. 107,346. 2 Claims. (Cl. 132-34.)



1. A hair-curling device comprising a tube on which the hair is wound, a rod rotatably mounted in said tube, said rod having an end extending from the tube and adapted to be secured to the hair, and a leaf spring in the form of a coil tending to expand between said rod and tube to prevent rotation in one direction, said leaf spring having an inner end secured to said rod and an outer coil member surrounding said inner end and conforming to the inner face of said tube, and said outer coil member being in frictional contact with the inner face of said tube.

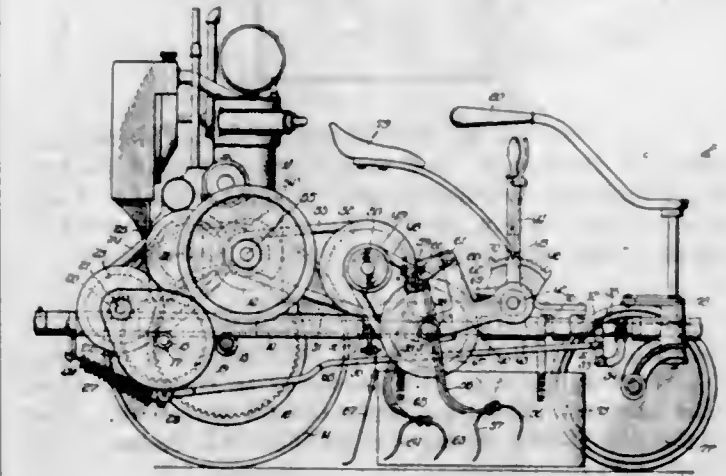
1,641,206. WELL-DRILLING APPARATUS. EGGLESTON SMITH, Sioux City, Iowa, assignor to Eggleston Drilling Corporation, a Corporation of Delaware. Filed May 10, 1924. Serial No. 712,197. 5 Claims. (Cl. 255-61.)



1. In a well drilling apparatus the combination of an abrasive bit, driving means for rotating the bit at the bottom of a hole, and means for connecting the bit with the driving means so as to rotate the bit and at the same

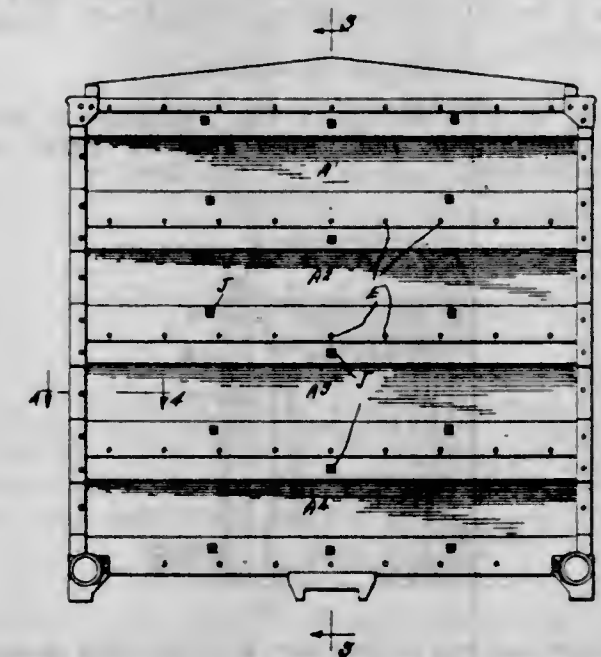
time allow longitudinal movement thereof with respect to the driving means so that the bit is free to descend under a predetermined feeding pressure as the well is drilled.

1,641,207. CULTIVATING MEANS. GEORGE T. STRITE, Minneapolis, Minn., assignor of one-third to Harry W. Bolens, Port Washington, Wis., and one-third to Paul D. Durant, Milwaukee, Wis. Filed Oct. 17, 1921. Serial No. 508,293. 4 Claims. (Cl. 97-36.)



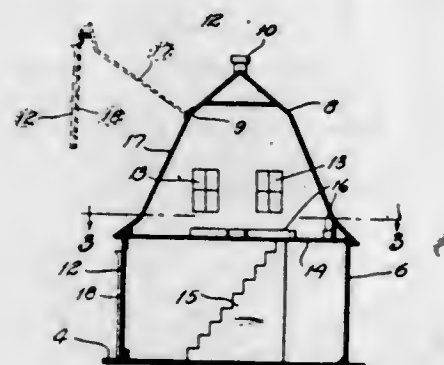
1. In ground cultivating mechanism, the combination of a ground working tool, an arm to which said tool is connected, a crank shaft operatively connected to said arm for actuating said tool, means for varying the height of said crank shaft, and means for yieldably supporting the crank shaft whereby if the ground working tool encounters an impenetrable substance the tool and associated parts will not be damaged.

1,641,208. CAR-WALL CONSTRUCTION. WILLIAM D. THOMPSON, Detroit, Mich., assignor, by mesne assignments, to Hutchins Car Roofing Company, Detroit, Mich., a Corporation of Michigan. Filed Sept. 13, 1926. Serial No. 135,218. 7 Claims. (Cl. 105-410.)



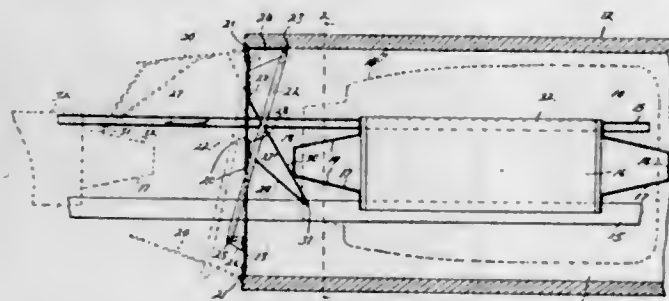
3. A car wall comprising a rolled metal plate having panel portions in spaced parallel planes, intermediate web portions substantially perpendicular to said panel portions and corners which extend substantially to the line of intersection of the outer faces of said panels and webs.

1,641,209. TOY. WILLIAM THADDEUS WALLACE, Webster Groves, Mo. Filed May 3, 1926. Serial No. 106,433. 2 Claims. (Cl. 46—37.)



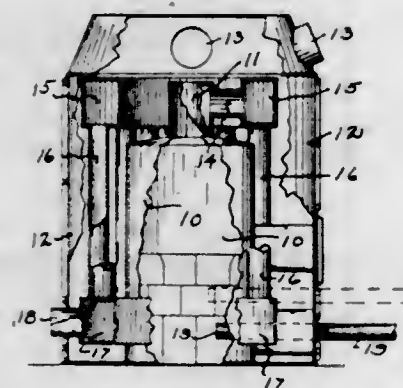
1. In a device of the character described, a house comprising a stationary roof and a movable roof portion, hinges rotatively connecting said stationary roof and said movable roof portion, a movable side wall connected by hinges to the outer edge of the movable roof portion.

1,641,210. DOOR-OPERATING MECHANISM. ROBERT C. WALTER, Detroit, Mich., assignor to Dodge Brothers, Inc., Detroit, Mich., a Corporation of Maryland. Filed Jan. 14, 1926. Serial No. 81,353. 12 Claims. (Cl. 246—306.)



3. The combination with a doorway, a pair of interconnected swinging doors therefor and a body movable through said doorway, of an inclined substantially transversely extending element secured to one of said doors and projecting toward the movable body, and means on said body, projecting forwardly and rearwardly thereof and engaging said element for controlling said doors in advance of and after the emergence of said body through said doorway.

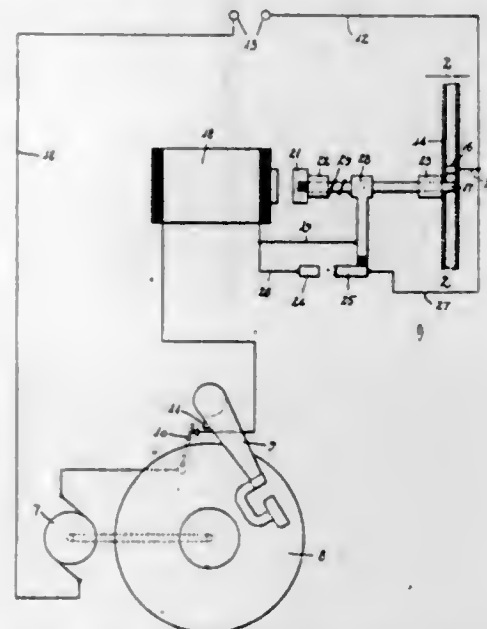
1,641,211. FURNACE RADIATOR. WILLIAM J. WEILAND, Indianapolis, Ind. Filed June 14, 1926. Serial No. 115,559. 1 Claim. (Cl. 126—102.)



In a furnace, the combination with an outer housing and a combustion chamber within the housing having a reduced top discharge, of an integral detachable radiating unit comprising an upper continuous annular tube, a lower manifold tube, substantially U-shaped to receive the combustion chamber between the legs of said last member and a plurality of flues interconnecting the two

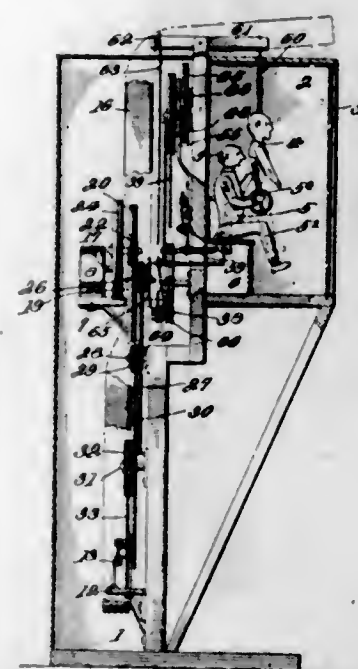
manifold tubes the top one receiving a discharge from the combustion chamber and the lower one discharging to the stack outside of the housing, said radiator unit being adapted for assembly with the combustion chamber by removing the housing, passing the top manifold tube over the reduced top discharge of the combustion chamber and a leg of the lower tube on each side of the combustion chamber and then lowering the manifold unit to operating position with the top tube surrounding the reduced top discharge of the combustion chamber.

1,641,212. COIN CONTROL FOR ELECTRIC MOTOR-OPERATED MACHINES. GEORGE W. WERNER, Easton, Pa. Filed June 22, 1926. Serial No. 117,800. 6 Claims. (Cl. 194—6.)



1. An electric circuit controller having contacts to be bridged by the insertion of a coin for closing the circuit, one of said contacts being movable, and means operable by such closing of the circuit for thereafter keeping the circuit closed as a stick circuit and for moving said contact to release the coin.

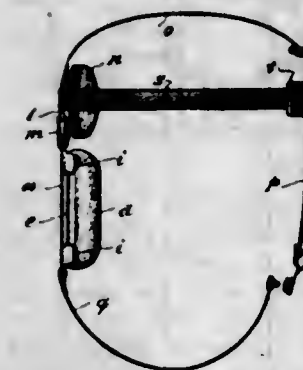
1,641,213. AMUSEMENT DEVICE. HENRY A. WILLIAMS, Murphysboro, Ill. Filed Mar. 10, 1921. Serial No. 451,229. 2 Claims. (Cl. 46—40.)



1. An amusement device comprising a figure having a vertical stem carrying the head thereof, said stem being provided with a pin extending laterally therefrom, a

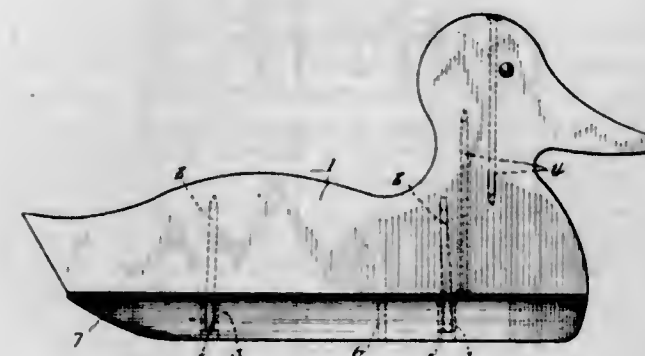
lever having an eye to receive said pin, an oscillating lever having a connection with said lever and means for operating said oscillating lever.

1,641,214. DEVICE FOR PROTECTING THE HUMAN EARS. JAMES PERCY WINN, Sutton Coldfield, England. Filed Sept. 27, 1924. Serial No. 740,378, and in Great Britain Dec. 15, 1923. 3 Claims. (Cl. 128—152.)



1. A device for relieving the human ears of internal noises and beatings and comprising a pad having a frame, spaced ear engaging cushions located along the side edges of the frame and having an opening between such cushions affording open communication between the ear opening and the atmosphere, a pad engageable with the head above the ear, means for holding the pads in position on the ear and head, and including an adjustable head encircling element extendible over the top of the head and under the chin, and an adjustable head encircling element extendible around the forehead and also around the back of the head.

1,641,215. DECOY DUCK. JESS V. WINTER, La Crosse, Wis. Filed May 1, 1926. Serial No. 103,890. 5 Claims. (Cl. 43—3.)

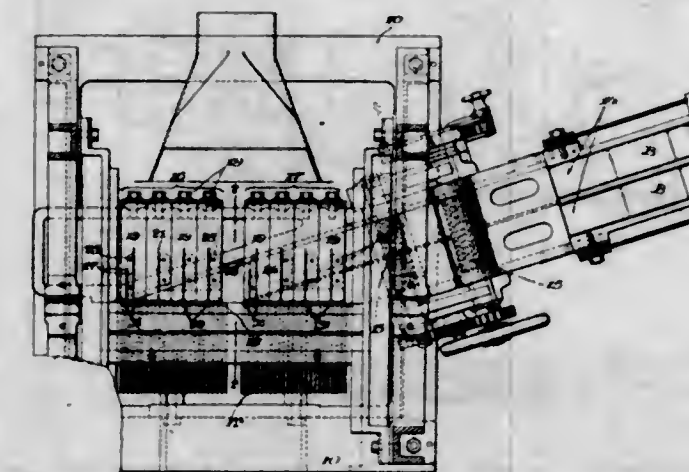


1. In a decoy duck, the combination of flat separable portions comprising vertical and horizontal elements, with means for securing the bottom of the vertical portion to the upper face of the horizontal portion comprising pins and sockets in the respective elements having a pinching contact with each other when in position.

1,641,216. MATCH MACHINE. CHARLES F. WRIGHT, Akron, Ohio, assignor to The Diamond Match Company, Chicago, Ill., a Corporation of Illinois. Filed Nov. 10, 1925. Serial No. 68,160. 5 Claims. (Cl. 144—55.)

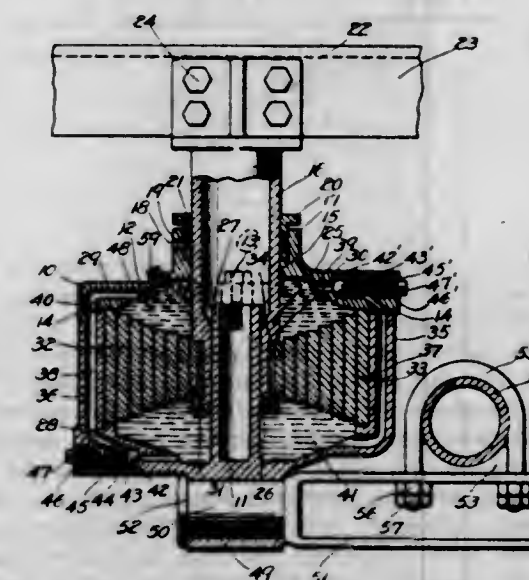
1. In a match machine, the combination with splint-cutting mechanism including a row of cutters, and a block trough arranged in oblique relation to the path of

the cutters, of a series of resilient pressure sections comprising each a longitudinally slotted body having a depending nose portion adapted to overhang the trough



in close relation to the path of the cutters, the initial block engaging face of each of said nose portions being beveled and rounded.

1,641,217. SHOCK ABSORBER. GEORGE F. YEVSEYEFF, Windsor, Ontario, Canada. Filed Aug. 2, 1926. Serial No. 126,472. 12 Claims. (Cl. 267—8.)

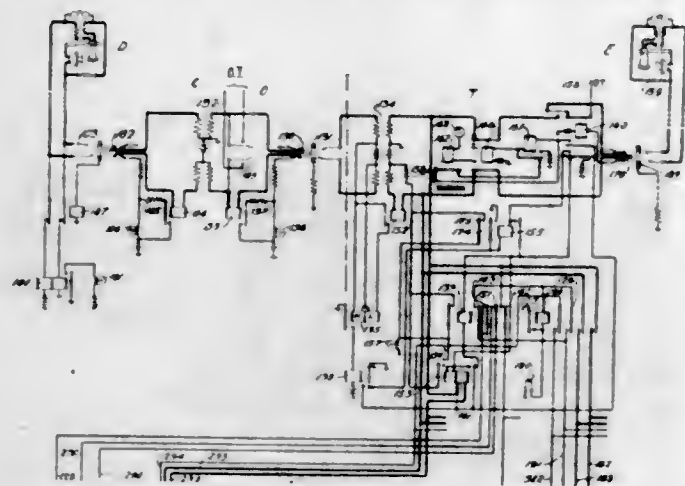


1. In a shock absorbing device, a casing, a piston rod in said casing, a yieldable resilient diaphragm connected with said piston rod and extending across said casing to divide the same into a pair of chambers, said diaphragm comprising a coiled resilient member, and valved means for establishing communication between said chambers.

1,641,218. STRAIGHTFORWARD TRUNKING SYSTEM. RAND S. BAILEY, Montclair, N. J., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed May 7, 1924. Serial No. 711,691. 16 Claims. (Cl. 179—41.)

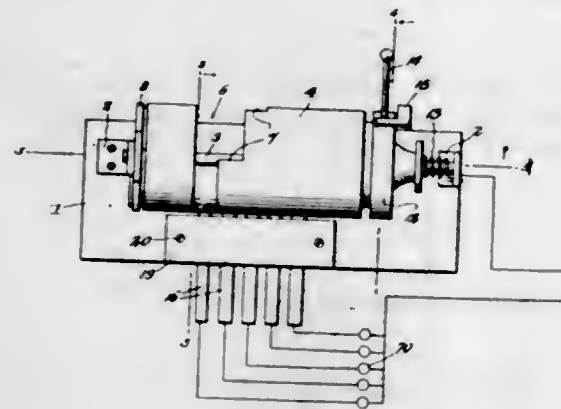
6. A telephone system comprising trunk lines, an operator's telephone set, means for seizing any one of said trunks, means operative when a trunk line is seized

for automatically connecting the operator's telephone set thereto, means for disabling said automatic connecting means and manually operable means effective only upon



the actuation of said disabling means for connecting the operator's telephone set to any one of said trunks when seized.

1,641,219. SWITCH MECHANISM. CECIL P. BRADLEY, Napoleon, Ohio. Filed Mar. 25, 1926. Serial No. 97,318. 2 Claims. (Cl. 200-8.)



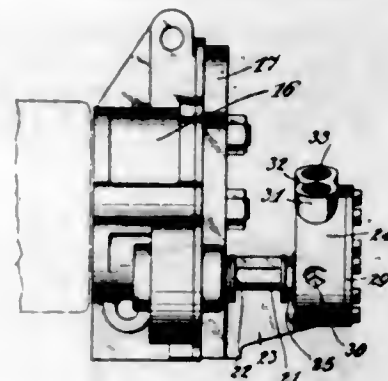
1. A circuit closer comprising a base plate, a shaft mounted on said base plate, a cylindrical contact member rotatably mounted on said shaft having a plurality of offset shoulders, said contact member having a ratchet formed on one end thereof, an annular operating member rotatably mounted on the shaft having a ratchet for cooperation with the ratchet on the contact member, a coiled spring on the shaft normally expansible to move the operating member into engagement with the contact member, and a plurality of resilient strip members secured to the base plate adjacent one end in spaced parallel relation, the opposite end resiliently projecting into the path of movement of the movable contact member and the shoulders thereon.

1,641,220. CINEMATOGRAPHY. DANIEL F. COMSTOCK, Boston, Mass., assignor to Technicolor Motion Picture Corporation, Boston, Mass., a Corporation of Maine. Filed Jan. 8, 1923. Serial No. 611,257. 14 Claims. (Cl. 88-19.5.)



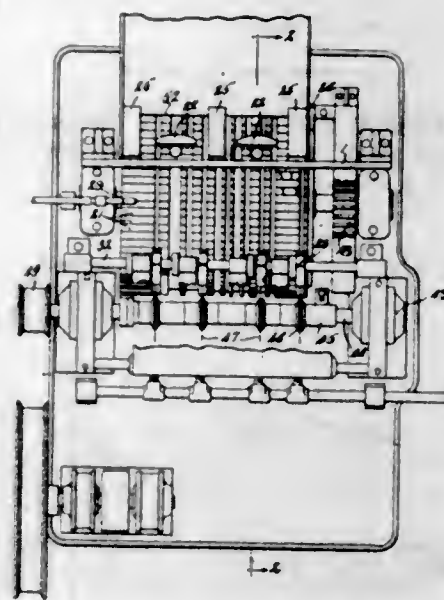
1. An article of the character described comprising a cinematographic film and a thin ribbon having a copper surface adhering to one side of said film.

1,641,221. OIL-PRESSURE FEEDING DEVICE. CHARLES H. EYER, West New York, N. J. Filed Aug. 3, 1926. Serial No. 126,827. 1 Claim. (Cl. 184-6.)



In an oil feeding system for a motor car of the planetary gear type, in combination with a generator gear, a rotary pump, and an auxiliary gear rigidly mounted upon a shaft connected with the pump gears, said auxiliary gear being in mesh with the generator gear, so that whenever the motor is running the pump will operate, and a casing for the auxiliary gear and the generator gear, said casing having holes coinciding with the bolt holes in the standard crank case, a cover for said casing, and a bracket mounted on said cover to support the pump.

1,641,222. MACHINE FOR MAKING TUBES AND SIMILAR ARTICLES. GEORGE A. FOISY, Lowell, Mass., assignor, by mesne assignments, to Winchester Repeating Arms Company, New Haven, Conn., a Corporation of Connecticut. Filed Nov. 24, 1923. Serial No. 676,761. 14 Claims. (Cl. 29-69.)

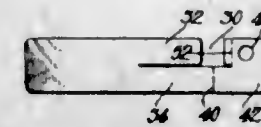


1. A machine of the character described including a carrier drum having transversely extending recesses and annular grooves, an arbor adjacent the carrier having a plurality of cutters normally projecting into certain of the grooves to a greater depth than said recesses for severing articles held within the recesses, and curved guides substantially parallel with the outer surface of said drum for holding articles in position in the recesses during the cutting operation.

1,641,223. CONTACT RECEPTACLE. ARTHUR C. GAYNOR, Stratford, Conn. Filed Apr. 23, 1924. Serial No. 708,392. 9 Claims. (Cl. 173-330.)

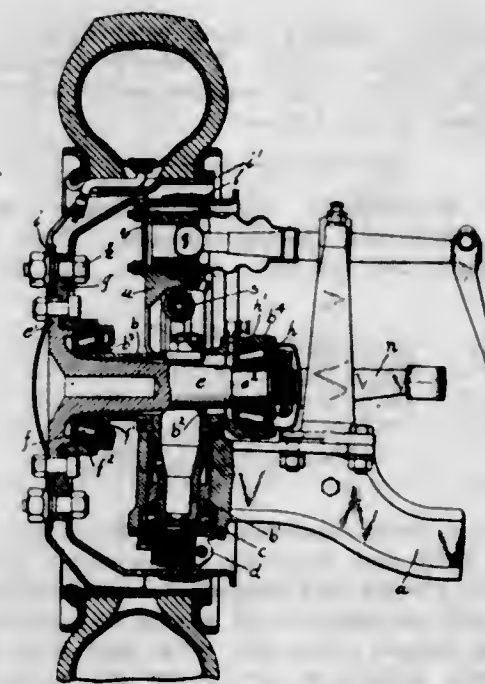
1. A device of the type described which comprises, a strip of metal notched and slit to form a longitudinally extending tongue, said strip being bent near one end to

form a ridge with angularly sloping sides and curved to bring the end of said strip to within a short distance of one of said sloping sides and the end of said tongue being curved to within a short distance of the other of



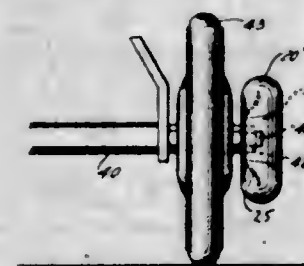
said sloping sides, and the other end of said strip being folded flat on the same side of said ridge as said ridge to overlap the space formed by cutting and curving the tongue portion.

1,641,224. FRONT-WHEEL CONSTRUCTION. ERVING R. GURNEY, New York, N. Y., assignor to International Motor Company, New York, N. Y., a Corporation of Delaware. Filed Aug. 7, 1926. Serial No. 127,838. 4 Claims. (Cl. 188-194.)



3. In a brake mounting T-shaped unitary steering knuckle and knuckle pin structure having a passage for a wheel spindle and formed on either side of the knuckle portion with a boss disposed in the plane of the knuckle pin transverse to the axis of the passage and adapted to have a brake anchor secured thereto, said knuckle portion being formed in its upper surface with a seat in the plane of the bosses, for a bracket supporting brake actuating devices and bolts to secure the anchors and bracket to the bosses respectively.

1,641,225. BUMPER. WILFRED G. JOHNSON, Elyria, Ohio. Filed Apr. 8, 1927. Serial No. 181,991. 7 Claims. (Cl. 293-52.)



1. As an article of manufacture, a bumper for projecting portions of wheeled vehicles, comprising a body

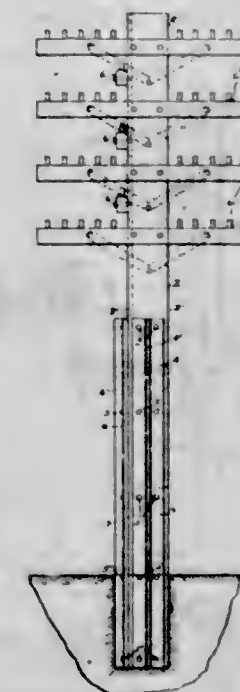
of soft rubber or rubber composition material and a centrally apertured metallic plate having a flat portion disposed flush with, and vulcanized to, a side of the body.

1,641,226. HANDLE. JOHN KARL KINNEAR, Geneva, Ohio. Filed Apr. 16, 1926. Serial No. 102,433. 5 Claims. (Cl. 43-23.)



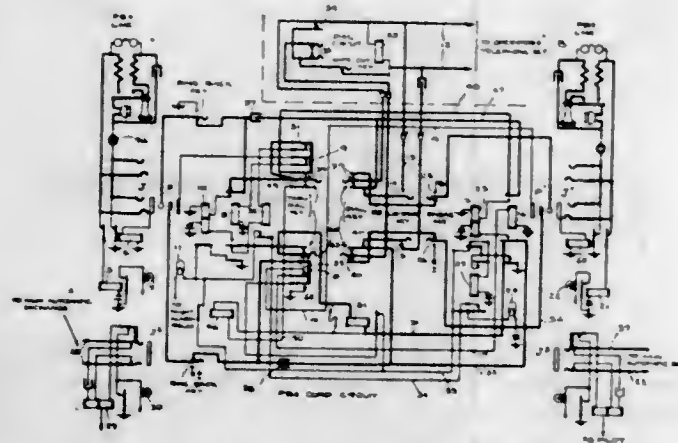
1. In a handle of the class described, the combination with a substantially cylindrical grip having a longitudinal bore of circular cross section, said grip adapted to be forced longitudinally onto a handle shank from an end thereof, said shank being provided on its outer surface with a longitudinal rib, said rib being of progressively decreasing size in transverse dimension as the said shank end is approached, said grip being of relatively softer material than the rib, whereby the rib will groove an inner wall of the bore when the grip is forced onto the shank.

1,641,227. POLE. ORVILLE M. KNOX, Knoxville, N. Y., assignor of one-third to Lincoln G. Archer, Knoxville, N. Y. Filed Oct. 11, 1926. Serial No. 140,973. 1 Claim. (Cl. 189-24.)



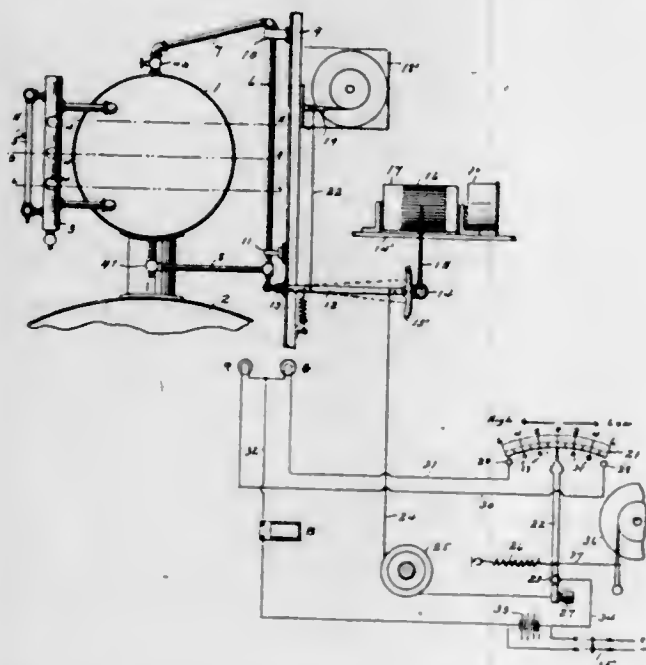
A pole composed of a body of substantially L-shape in cross section, and reinforcing plates secured to the inner and outer faces of each of the sides of the body, the plates secured to the outer faces of the body being of greater length than the inner plates, all of said reinforcing plates having outwardly facing longitudinal ribs extending substantially throughout the length of the plates and the ribs on the same side of the body being disaligned, the outer side edges of the bases of the outer reinforcing plates being spaced from the adjacent outer side edges of the sides of the body and the inner side edges of the bases of the outer reinforcing plates being spaced from the angle of the body, the ribs and all of said edges affording a multiplicity of individual ground engaging portions whereby rotation of the body is prevented.

1,641,228. TELEPHONE SYSTEM. JOHN H. LEVIE, JR., Rochester, N. Y., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y., a Corporation of New York. Filed Sept. 16, 1925. Serial No. 56,758. 6 Claims. (Cl. 179-27.)



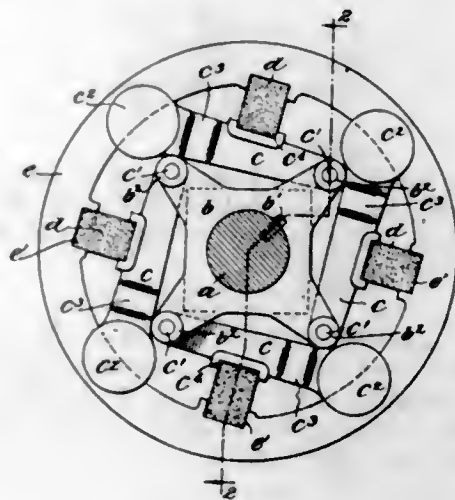
2. In a telephone system, telephone lines, a trunk line, a cord circuit for interconnecting said lines, a supervisory relay at each end of said cord circuit, a disconnect signal controlled by each relay, a control relay in each end of said cord circuit, and means including said trunk line for operating the control relay of the end of the cord circuit connected to said trunk, and means including said last mentioned relay for placing a disconnect signal under the control of the supervisory relay of the other end of said cord circuit.

1,641,229. WATER-LEVEL INDICATOR AND RECORDER. GUS W. LIND, Newark, N. J. Filed Mar. 16, 1923. Serial No. 625,510. 2 Claims. (Cl. 73-54.)



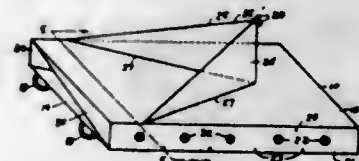
1. In a water level indicator and recorder for steam boilers, the combination with the dome of a steam boiler, of a metallic tube having a high coefficient of heat expansion, means for connecting said tube at its upper end rigidly to and in open communication with the boiler dome at a point above the normal water level therein, means for yieldingly connecting the lower end of said tube to said dome at a point below the normal water level therein and in open communication therewith, said tube having its axis inclined from a vertical plane, whereby its operative length is materially increased, and means including a pivoted arm connected with the lower end of said tube and actuated by the expansion and contraction thereof for both indicating and recording changes in the water level in said dome.

1,641,230. VIBRATION DAMPENER. KEITH R. MANVILLE, New York, N. Y., assignor to International Motor Company, New York, N. Y., a Corporation of Delaware. Filed May 5, 1926. Serial No. 106,807. 6 Claims. (Cl. 74-6.)



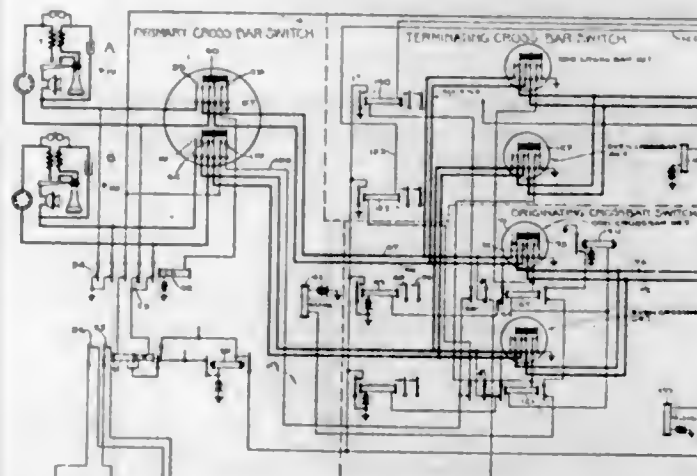
1. A vibration damping device, comprising a rotating member, an element capable of rotative movement with respect to the member, and variable inertia means mounting the former on the latter.

1,641,231. MATTRESS CASE. ROBERT MOORHEAD NEILSON, Montreal, Quebec, Canada. Filed Dec. 18, 1926. Serial No. 155,615. 1 Claim. (Cl. 5-354.)



A mattress case, comprising a body portion having peripheral walls and fastening means and a cover having peripheral walls and fastening means coacting with the walls and fastening means of said body portion, said cover being hinged integrally with said body portion, and an apron secured to said cover and having lateral wings adapted to encircle the upper portion of a person and means for ventilating said case.

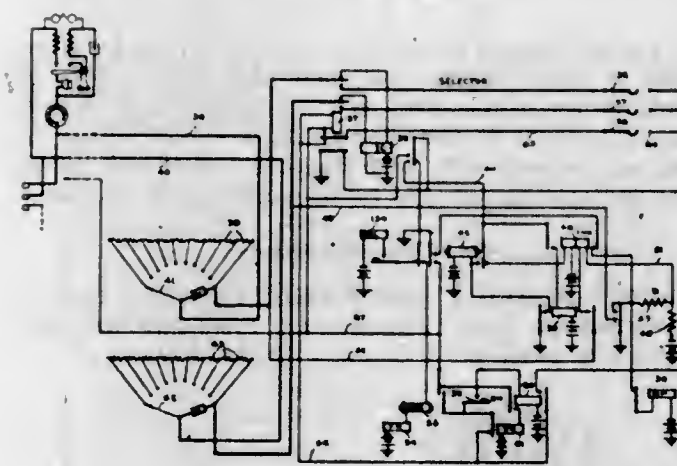
1,641,232. AUTOMATIC TELEPHONE SYSTEM. WINFRED T. POWELL, Rochester, N. Y., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y., a Corporation of New York. Filed Nov. 3, 1922. Serial No. 598,897. 20 Claims. (Cl. 179-18.)



1. In an automatic telephone system, a plurality of telephone lines, a plurality of link circuits, a cross-bar switch, contacts of said telephone lines and contacts of

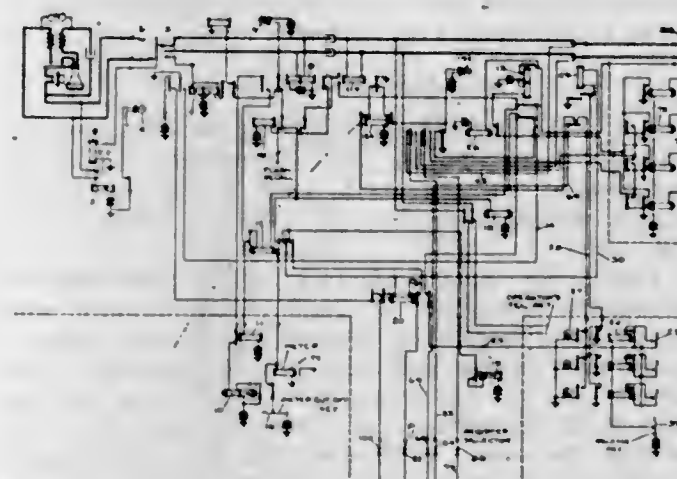
said link circuits in said cross-bar switch, means operative on the initiation of a call on one of said lines for closing a contact of said line and a contact of an idle link circuit, means directly controlled over the calling line for closing a contact of the called line and a contact of a second link circuit, and means for interconnecting said selected link circuits.

1,641,233. TELEPHONE SYSTEM. WINFRED T. POWELL, Rochester, N. Y., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y., a Corporation of New York. Filed Oct. 20, 1923. Serial No. 669,862. 14 Claims. (Cl. 179-18.)



9. In a telephone system, telephone lines serving as calling and called lines, said telephone lines having portions of varying characteristics, means including automatic switches for interconnecting said telephone lines, and means for equalizing one of said characteristics of an interconnection between a pair of said telephone lines.

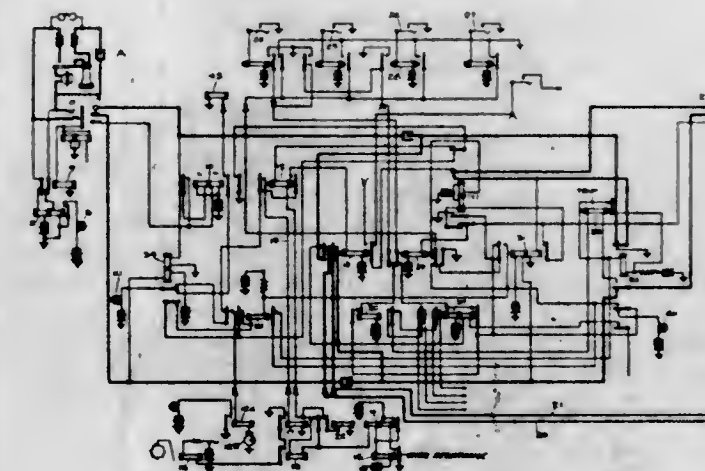
1,641,234. MANUAL TELEPHONE SYSTEM. WINFRED T. POWELL, Rochester, N. Y., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y., a Corporation of New York. Filed Mar. 15, 1924. Serial No. 699,575. 12 Claims. (Cl. 179-27.)



1. In a telephone system, a plurality of telephone lines, a link circuit for use in interconnecting said telephone lines, line designation recording means at said link circuit including a plurality of selectively and variably operable devices in which several portions of a line designation are recorded, means including a single pair of manually operated contacts for selectively operating

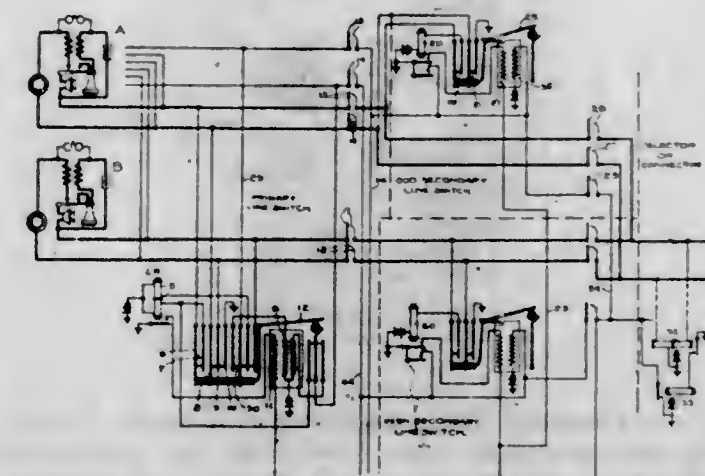
said devices in response to a single connection between said pair of contacts, and means for maintaining said devices in their operated condition after said connection is broken.

1,641,235. MANUAL TELEPHONE SYSTEM. WINFRED T. POWELL, Rochester, N. Y., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y., a Corporation of New York. Filed July 28, 1924. Serial No. 728,565. 12 Claims. (Cl. 179-41.)



1. In a telephone system, an A operator's position, a B operator's position, telephone lines terminating at each of said positions, a trunk extending between said positions, means for selecting said trunk for use, a cord circuit at said A operator's position for interconnecting any of the telephone lines terminating thereat with said trunk, an operator's telephone set at said A operator's position, means responsive to the connection of said cord circuit to a calling telephone line for connecting said operator's telephone set thereto, means operating responsive to the selection of said trunk for disconnecting said telephone set from said telephone line and for connecting it to said trunk, and means for connecting said trunk to a wanted telephone line terminating at said B operator's position.

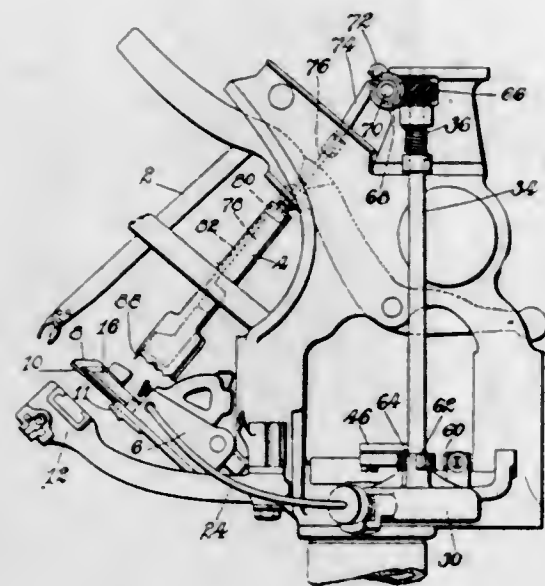
1,641,236. AUTOMATIC TELEPHONE SYSTEM. WINFRED T. POWELL, Rochester, N. Y., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y., a Corporation of New York. Replied for abandoned application Serial No. 516,926, filed Nov. 22, 1921. This application filed Aug. 4, 1926. Serial No. 127,094. 14 Claims. (Cl. 179-18.)



1. In a telephone system, a plurality of telephone lines, a plurality of trunks, a plurality of non-numerical switches, and motor mechanism common to said switches.

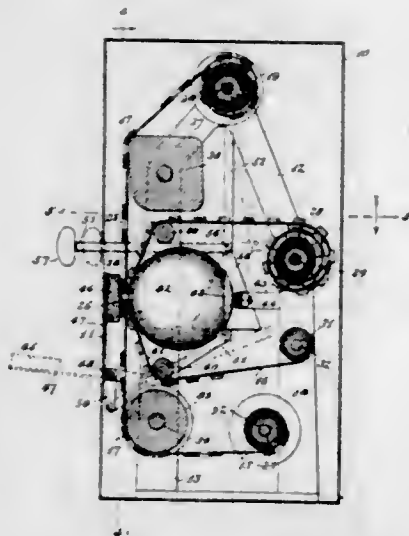
each switch being individual to a group of several lines and operating on the initiation of a call over one of said lines to extend the lines of said group to idle trunks.

1,641,237. MACHINE FOR SHAPING UPPERS OVER LASTS. WILLIAM THOMAS BUCKINGHAM ROBERTS, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Feb. 7, 1923, Serial No. 617,587, and in Great Britain Mar. 15, 1922. 52 Claims. (Cl. 12-4.)



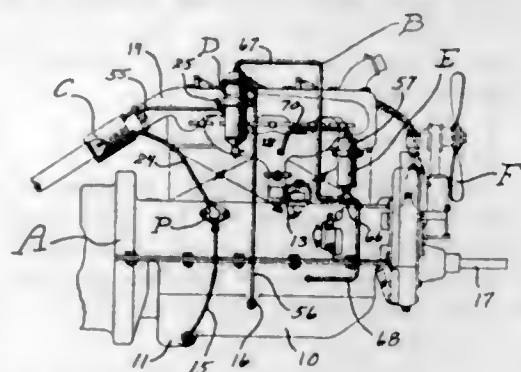
1. In a machine of the class described, the combination with upper pulling means, of upper slitting means movable along the plane of the shoe bottom to slit the margin of the upper, and automatic means for relatively positioning said upper slitting means and the work irrespective of the size of the shoe to locate the slits in the uppers of different shoes at the same distance from the edge of the shoe bottom.

1,641,238. EGG-MARKING DEVICE. JOHN SCHIERENBECK, Albany, N. Y. Filed Aug. 19, 1926. Serial No. 130,270. 9 Claims. (Cl. 101-35.)



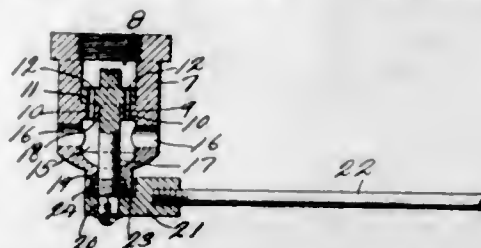
1. In a marking device, correlated type bands, a yieldable and conformable element associated with portions of said bands, said element contacting with the type sections of the bands to make an impression, and means for inking said type sections comprising an ink pad, and a weighted lever arrangement operable to move said pad into and out of contact with said type sections.

1,641,239. OIL CLEANER AND RECTIFIER. CARMELO SORACIO, Boston, Mass. Filed Nov. 18, 1926. Serial No. 149,226. 17 Claims. (Cl. 123-196.)



1. An oil rectifier for internal combustion engines comprising a casing having oil inlet and outlet ports, an agitator rotatably mounted in the casing, a gas chamber at the upper end of said casing, and a transfer pipe connected at one end with said chamber and having its opposite end opening into the intake manifold of the engine.

1,641,240. FLOAT-CONTROLLED VALVE. JOHN H. STOCKHOLDER, New Orleans, La. Filed Jan. 18, 1927. Serial No. 161,779. 1 Claim. (Cl. 137-104.)



The combination with a receptacle, of a liquid level maintaining valve therein, said valve comprising an intake pipe extending into the receptacle, a valve casing carried by said intake pipe and having a chamber therein, a disc valve seat in said chamber and having ports there-through, a disc valve engaging the valve seat within the chamber and the wall of the chamber, a valve stem carried by said disc valve and rotatably mounted in the valve seat, said valve stem extending through a water receiving chamber at the opposite side of the valve seat and which chamber has discharge ports through the casing, said valve stem being rotatably mounted in the end of the casing, a coiled spring surrounding the valve stem within a chamber in the end of the casing, an arm mounted on said valve stem and forming a closure for the spring chamber, and a float carried by said arm.

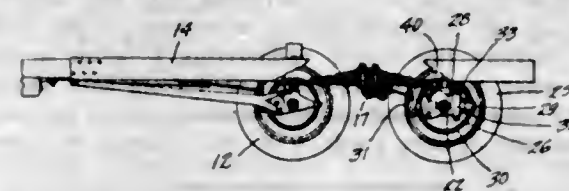
1,641,241. MANUFACTURE OF LEAD ELECTRODE FOR ACCUMULATORS. ALBERT STRASSER, Rorschach, Switzerland. Filed Aug. 15, 1925, Serial No. 50,488, and in Switzerland Aug. 23, 1924. 1 Claim. (Cl. 136-73.)

A process for the manufacture of lead electrodes for accumulators, consisting in alloying metallic lead with an alkali metal capable of reducing water, then introducing this alloy into a hollow perforated insulating body, thereupon treating the whole in a caustic soda lye and dipping it afterwards for a sufficient time into water for extracting the alkali metal from the alloy, and finally subjecting the electrode body within an electrolyte to the action of a convenient electric current.

1,641,242. MOTOR-VEHICLE CONSTRUCTION. JOHN G. UTZ, Detroit, Mich. Filed Mar. 5, 1926. Serial No. 92,415. 10 Claims. (Cl. 180-22.)

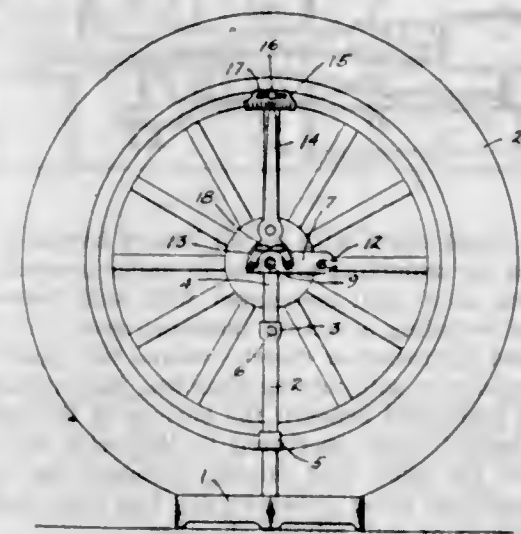
1. In a motor vehicle construction, the combination of a chassis frame, an axle, an inverted leaf spring attached near its center to the frame, an eye on the end of the

said leaf spring, a bracket on the axle, a yoke swivelled in the bracket, a pin in the yoke engaging the eye of the spring, a boss on the bracket bearing against the said spring in spaced relation to the pin, a safety strap at-



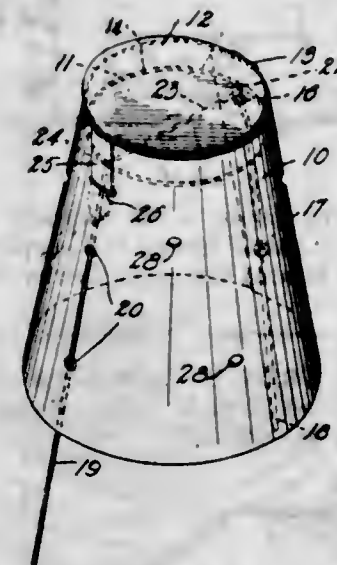
tached to the said boss and passing over the said spring with clearance between the sides of the spring and the strap to permit lateral motion of the spring occasioned by rotation of the yoke on its axis.

1,641,243. AXLE GAUGE FOR AUTOMOBILES. HENRY WOCHNER, Rock Island, Ill. Filed Nov. 23, 1925. Serial No. 70,835. 5 Claims. (Cl. 33-203.)



1. A device of the class described, comprising a support, a standard thereon, a plate pivoted to said standard, a pair of spaced apart gauge-pins carried by said plate, so as to be normally in a horizontal plane, an indicator carried by said plate, and means on said support cooperating with said indicator to show the relative positions of said plate.

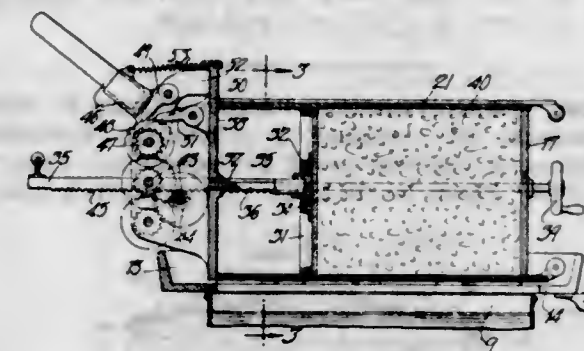
1,641,244. PLANT PROTECTOR. CHRISTINE H. WOODRUFF, Westfield, N. J. Filed Dec. 13, 1923. Serial No. 680,384. 5 Claims. (Cl. 47-28.)



2. A plant protector comprising a paper tube having an adjustable cover over the upper end thereof, and a single piece of wire bent to form a loop and two depending legs, the loop being located within the upper portion of the tube to strengthen and support it and the legs being arranged to support opposite sides of the tube and be inserted into the ground.

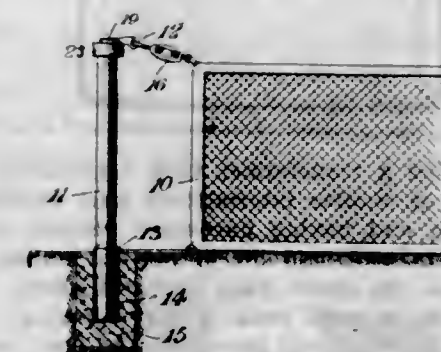
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1,641,245. FRUIT-PRESSING MACHINE. GEORGE AGORIAN, Brooklyn, N. Y. Filed Sept. 12, 1925. Serial No. 56,057. 2 Claims. (Cl. 100-42.)



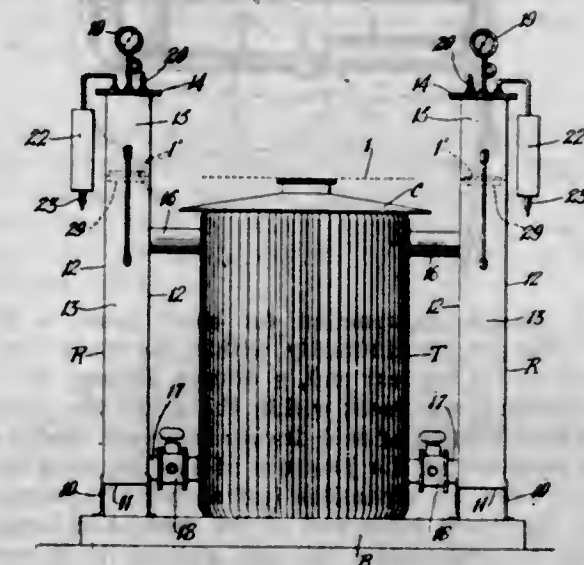
1. A fruit press comprising a frame, a container in said frame, a removable, perforated bottom in said container, a tray forming part of said frame and having its bottom wall tapered to form a drain, a removable receptacle in said frame, end members in the container and means for adjustably holding said end members together.

1,641,246. ADJUSTABLE-TENNIS-NET POST. ABRAHAM BASSFORD, Millwood, N. Y. Filed Aug. 5, 1926. Serial No. 127,377. 5 Claims. (Cl. 273-29.)



1. An adjustable post comprising a body portion, a plate carried transversely thereof, said plate being apertured, an adjustable bracket member mounted on the post and including a shank slidable in the plate aperture, the shank being slightly smaller in dimension than the aperture whereby force applied to the bracket member in a direction transverse to the shank functions to bind or pinch the shank within the aperture of the plate.

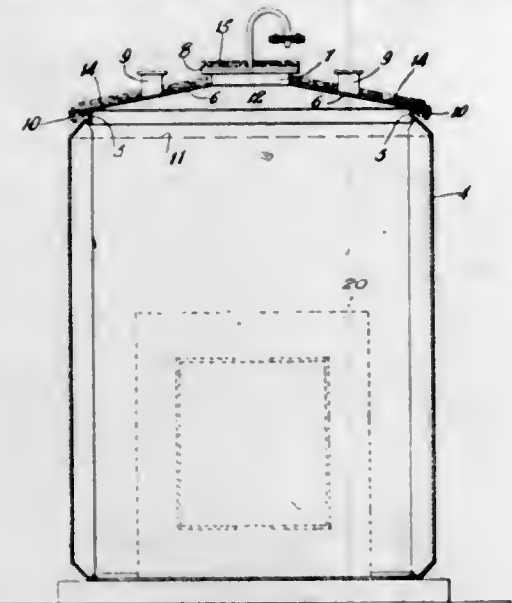
1,641,247. TRANSFORMER COOLER. ROBERT V. BINGAY, Pittsburgh, Pa., assignor to Pittsburgh Transformer Company, a Corporation of Pennsylvania. Filed Mar. 26, 1921. Serial No. 456,004. 7 Claims. (Cl. 257-191.)



1. The combination with a tank adapted to contain a transformer core and coils immersed in oil, an auxiliary radiator at the side of said tank, a connection from said

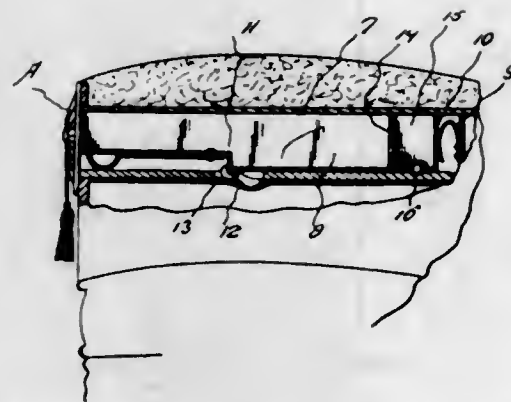
tank to the top of said radiator and a connection from the bottom of said radiator to said tank, of a cover tightly fitting said tank and an auxiliary expansion chamber connected to said tank below said cover and adapted to permit an overflow of oil from said tank.

1,641,248. TRANSFORMER TANK. ROBERT V. BINGAY, Pittsburgh, Pa., assignor to Pittsburgh Transformer Company, a Corporation of Pennsylvania. Filed Jan. 15, 1923. Serial No. 612,604. 1 Claim. (Cl. 220—9.)



In combination a transformer tank containing oil and a transformer or similar intermittent heat radiating apparatus therein and having uncovered vertical side surfaces adapted to cool said oil to prevent undue rise in temperature, an air space being provided above the surface of said oil in said tank, a cover having a metal under surface covering said air space, and heat insulating material on the surface of said cover to avoid premature chilling of the top surface of said air space and prevent condensation of moisture on said surface during cooling of said transformer.

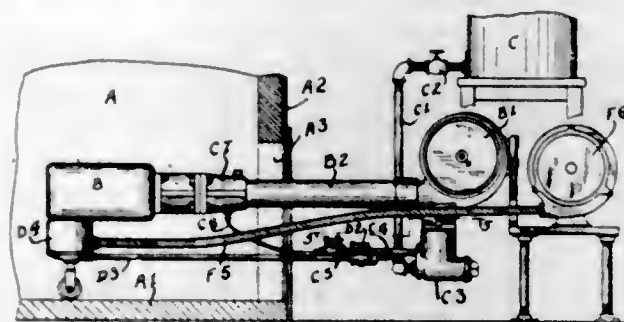
1,641,249. DRAWER CONSTRUCTION FOR CHAIRS OR SIMILAR ARTICLES OF FURNITURE. BENJAMIN BLUMENTAL, Youngstown, Ohio. Filed Dec. 14, 1925. Serial No. 75,310. 1 Claim. (Cl. 45—7.)



In a drawer construction for chair arms, a drawer guide arranged longitudinally within the chair arm and being closed at its rear end, a drawer adapted for longitudinal sliding movement within the guide, the bottom of the forward portion of said drawer being cut away to provide a shoulder at the juncture of the cut away portion of the drawer, an expansible leaf spring attached at one end to the closed inner end of the guide and having its free end bearing against the rear wall of the drawer for normally urging the drawer outwardly to an open position, a concealed latch member pivoted within a slot formed in the bottom wall of the drawer guide, said latch normally engaging the shoulder for maintaining the

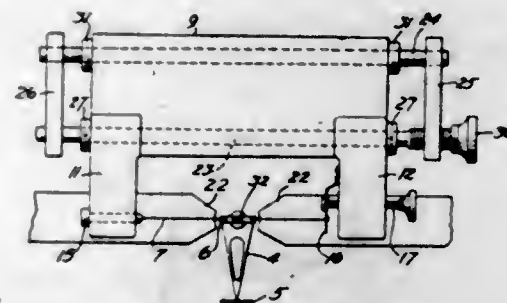
drawer in a closed position within the drawer guide, a false rear wall arranged within the wall adjacent the first mentioned rear wall to provide a secret compartment, the bottom of the secret compartment having a depression formed therein, said latch cooperating with the depression for limiting the outward sliding movement of the drawer and to prevent the secret compartment being normally exposed, when the latch is disengaged from said shoulder, and an ornamental head on the forward end of the drawer to conceal the drawer guide when the drawer is closed.

1,641,250. OIL PILOT LIGHT. JAMES L. BREESE, JR., Chicago, Ill. Filed Aug. 1, 1925. Serial No. 47,450. 3 Claims. (Cl. 158—28.)



1. The combination with an oil burner having a firepot and means for supplying air thereto under pressure, of an oil burning pilot light associated with said firepot, said pilot light including a mixing chamber, means for supplying a liquid hydrocarbon thereto, means for supplying air under pressure to said mixing chamber, the mixing chamber being positioned beneath the bottom of the main firepot, the firepot being apertured in line with the central opening of the pilot light mixing chamber, the diameter of said aperture being substantially less than the maximum diameter of said mixing chamber.

1,641,251. VIBRATING DEVICE. AUSTEN M. CURTIS, East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Feb. 20, 1924. Serial No. 694,106. 6 Claims. (Cl. 175—343.)



1. In a vibrating device, a coil rotatable about an axis within itself and elastic means for supporting said coil without exerting strains thereupon in the direction of the axis of rotation.

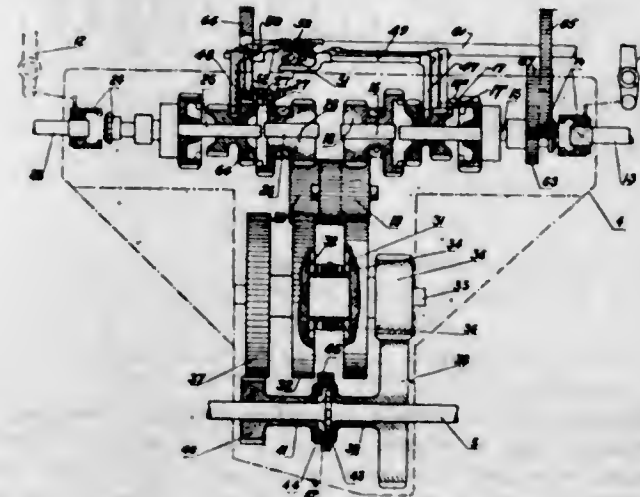
1,641,252. END WRENCH. ALEXANDER DICKEY, Honeyville, Utah. Filed Nov. 1, 1924. Serial No. 747,294. 1 Claim. (Cl. 81—125.)



A wrench including a body portion, said wrench having a curved depressed portion, curved to conform to the curvature of the head of a bolt, a retaining member

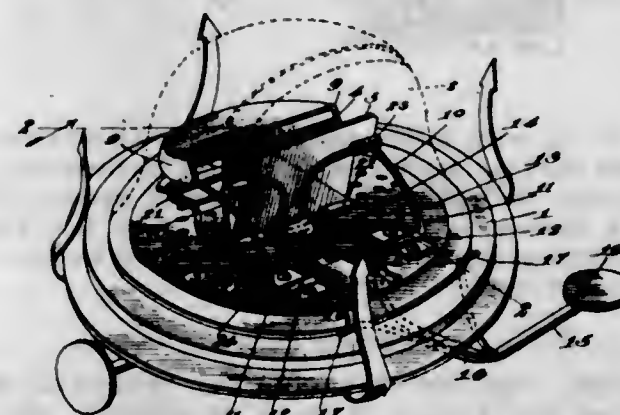
secured to the body portion, said retaining member having fingers and having a substantially straight wall connecting the fingers, said depressed portion adapted to accommodate the head of a bolt, and said fingers and straight wall adapted to contact with the side surfaces of the bolt adjacent to the head to hold the bolt and prevent turning thereof.

1,641,253. TRANSMISSION DEVICE FOR VEHICLES PROVIDED WITH TWO MOTORS. PIERRE DONON, Paris, France. Filed Apr. 18, 1925. Serial No. 24,083. and in France Apr. 25, 1924. 3 Claims. (Cl. 74—58.)



1. A transmission device for locomotives provided at each extremity with a motor and a number of driving axles, whereby each motor controls independently the said driving axles comprising a change speed gear controlled by each motor, the secondary shaft of each said change speed gear, two equal pinions mounted respectively on the secondary shaft of each said change speed gear and disposed at the extremities facing each other of the said secondary shafts, two toothed drums of equal diameter engaging each one of said equal pinions and meshing one with the other, a shaft controlling all the driving axles, a double-stage change speed device controlling said controlling shaft, the primary shaft of said double-stage change speed device, two pinions mounted loosely on last mentioned shaft and meshing each with corresponding above-mentioned drum, means for securing either of said loosely mounted pinions on to the primary shaft of the double-stage change speed device.

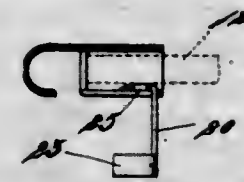
1,641,254. LAMP EXTINGUISHER. CALVIN D. DUNBAR, Buckeye, Tex. Filed July 8, 1926. Serial No. 121,204. 5 Claims. (Cl. 67—78.)



1. A lamp extinguisher comprising a base and a wick tube, a pair of shutters, means by which they are pivotally mounted upon the base beside the wick tube, actuating means mounted upon the base operatively engaged with one of the shutters to move it upon its pivot, and

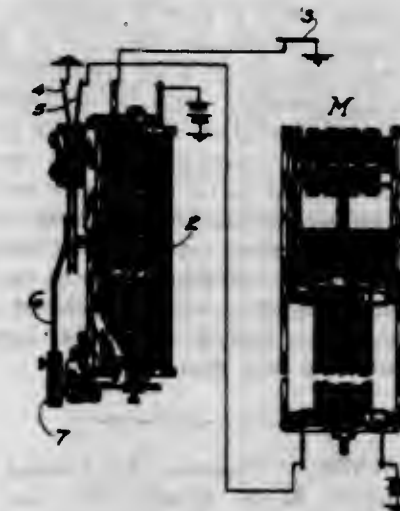
means on the other shutter engaged with a part of the first shutter so that both shutters move upon their pivots simultaneously to the closing position over the wick tube.

1,641,255. STRAP HOOK. ALEXANDER EKLUND, Attleboro, Mass., assignor to General Chain Company, Providence, R. I., a Corporation of Massachusetts. Filed Sept. 10, 1926. Serial No. 134,680. 4 Claims. (Cl. 24—68.)



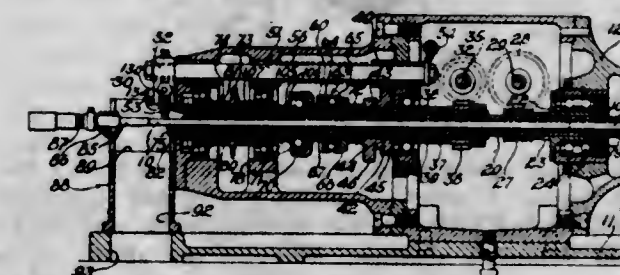
1. A connector for the end of a flexible strap, comprising a body member having a hook-shaped portion, a strap clamp pivoted in said body to swing to open position to permit entry of the strap beneath it, and a stop carried by said body positioned at a point remote from the pivotal mounting of the clamp to engage the end of the strap and limit its insertion beneath said clamp.

1,641,256. ELECTROMAGNETIC RELAY. JOHN ERICKSON, Chicago, Ill., assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill., a Corporation of Delaware. Filed Dec. 31, 1919. Serial No. 348,548. 9 Claims. (Cl. 200—97.)



1. A relay having contact springs, means for closing said springs when the relay is energized, and a weight attached to one of said springs to cause the same to vibrate and delay the permanent closure of said springs while said relay is energized.

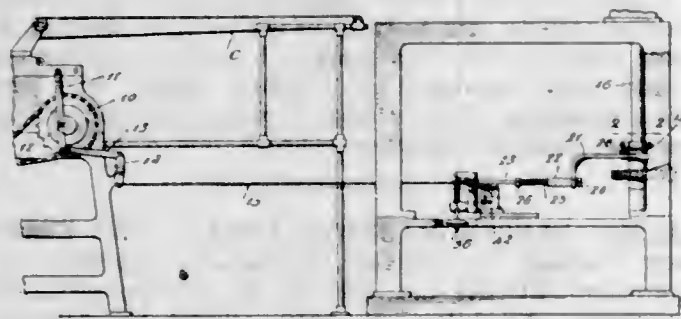
1,641,257. APPARATUS FOR HANDLING AND SEVERING ARTICLES. JOSEPH WILLIAM FAY, Villa Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Oct. 29, 1925. Serial No. 65,649. 4 Claims. (Cl. 164—42.)



1. In apparatus for advancing and severing an article, a passageway for guiding an article, means for projecting a gaseous medium into the passageway against the article,

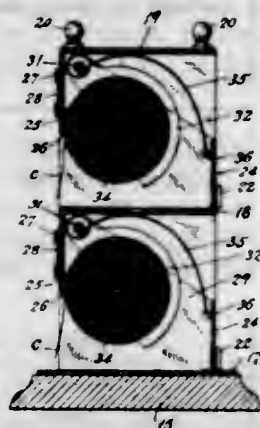
means for stopping the article upon a predetermined advance, severing means, means for causing a relative movement between the severing means and the article to sever the latter, means for projecting a gaseous medium against the severed section of the article to cause a movement thereof in a predetermined direction upon completion of the severing operation, and means for causing the severing operation and the projection of the gaseous medium against the severed section in timed relation to each other.

1,641,258. CLUTCH-TRIPPING MECHANISM. MARTIN FEYBUSCH, New York, N. Y., and PAUL W. FLEISCHER, Weehawken, N. J., assignors to New Jersey Machine Corporation, Hoboken, N. J., a Corporation of New Jersey. Filed Sept. 3, 1924. Serial No. 735,581. 14 Claims. (Cl. 192—82.)



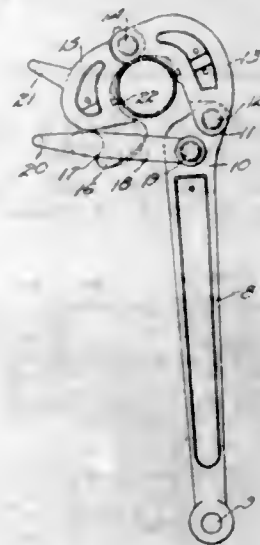
1. The combination with a pair of machines, the first machine being adapted to deliver material to the second machine for further manipulation or treatment, and said first machine being provided with a separable clutch, of means to insure the operation of said pair of machines in predetermined timed relationship, said means comprising a member adapted to be detachably secured to a moving part of the second machine, a pivotally mounted lever, a resilient connection between said member and lever to cause said lever normally to be actuated by said member upon completion of the cycle of operations of said second machine, and a connection between said lever and the clutch of said first machine.

1,641,259. CABINET. CHARLES T. FISHER, Batavia, N. Y., assignor to E. N. Rowell Co., Inc., Batavia, N. Y., a Corporation of New York. Filed Dec. 30, 1924. Serial No. 758,826. 3 Claims. (Cl. 211—32.)



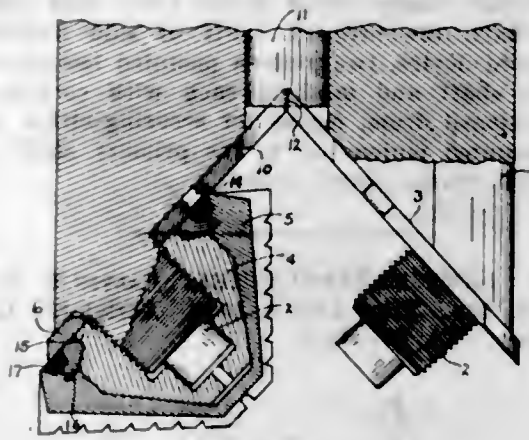
1. A cabinet comprising a frame, a cutting device fixed to said frame, a weighted member pivotally suspended from said frame and adapted to support a roll of material in rotatable relation, whereby the effect of the weight of the roll and of said member is to hold said roll in contact with said cutting device, and a spring fixed to said weighted member and slidably engaging said frame for urging said roll toward said cutting device.

1,641,260. PIPE WRENCH. HAROLD W. FLETCHER, Houston, Tex., assignor to Hughes Tool Company, Houston, Tex., a Corporation of Texas. Filed June 27, 1922. Serial No. 571,234. 4 Claims. (Cl. 81—66.)



1. In a pipe wrench, a handle, a head thereon having two openings therein, the forward one offset from the central axis of the handle the other opening being located upon said axis, a segmental jaw pivoted in said forward opening, a second jaw pivoted to said first named jaw, a latching member pivoted in the rear opening and engaging said second jaw whereby said jaws are given a wide flexibility of movement toward and from each other as said handle is swung laterally.

1,641,261. COMBINED WASHER AND SHIELD FOR DRILLS. HAROLD WHEELLOCK FLETCHER, Houston, Tex., assignor to Hughes Tool Company, Houston, Tex., a Corporation of Texas. Filed May 13, 1926. Serial No. 108,825. 4 Claims. (Cl. 255—71.)

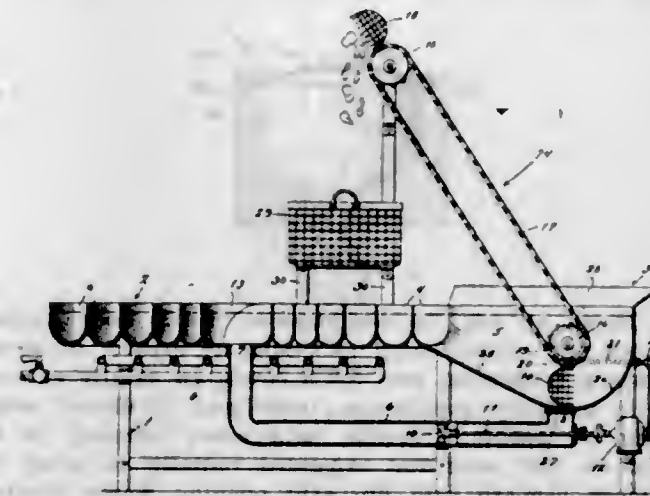


1. In an earth boring drill having a head with rotary cutters thereon, and a flushing channel longitudinally of said head, the combination of a pair of washer plates fitting between said cutters and said head, said plates also covering approximately the entire lower end of said drill and acting as a wear shield therefor.

1,641,262. POTATO-CHIP COOKER. ROBERT A. FONTAINE and THOMAS H. SELF, Martinsville, Va., assignors of one-half to said Self and one-half to Horatio A. Richardson, Martinsville, Va. Filed June 8, 1925. Serial No. 35,567. 10 Claims. (Cl. 53—7.)

1. In a cooking device of the character described, a vat having a spiral channel therein and provided at one side with an extension constituting a receiving chamber,

a conduit leading from the bottom of said chamber to the center of the channel, liquid flow producing means within



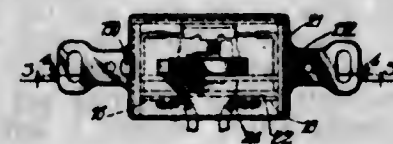
the conduit, elevator discharge means operating within the chamber, and a receiver mounted above the vat and receiving from said discharge means.

1,641,263. COMBINATION PACKET. WILLIAM FRIEDMAN, New York, N. Y., assignor to John W. Arnold, Dan H. Arnold, Adelaide F. Arnold, and Mildred C. Arnold, Copartners, doing business as F. R. Arnold & Company, New York, N. Y. Filed Nov. 25, 1925. Serial No. 71,332. 10 Claims. (Cl. 132—82.)



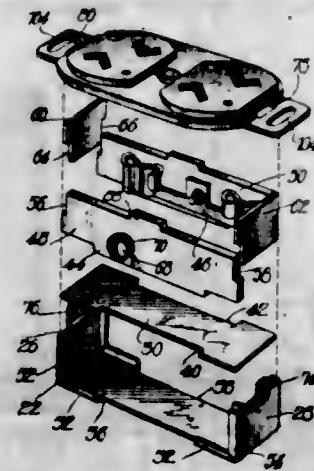
1. A beauty compact comprising a plurality of make-up articles including a cosmetic on a stem, all of said articles being secured together, and means for keeping the cosmetic out of contact with any other part.

1,641,264. ELECTRIC SWITCH. ARTHUR C. GAYNOR and EDWIN G. GAYNOR, Stratford, Conn.; said Edwin G. Gaynor assignor to said Arthur C. Gaynor. Filed Apr. 23, 1924. Serial No. 708,390. Renewed Dec. 21, 1926. 14 Claims. (Cl. 200—67.)



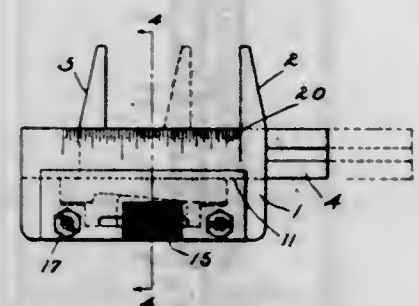
1. A device of the type described which comprises, an enclosure having a pair of spaced walls of insulating material, said walls having notches at their ends, one of said walls forming an outer wall of said enclosure, a pair of contact terminals, one at each end of said enclosure, each terminal having a portion fitted between the end portions of said plates and extending through said notches to the outer face of said outer wall and to the interior of said enclosure.

1,641,265. INSULATING INCLOSURE. ARTHUR C. GAYNOR, Stratford, Conn. Filed Apr. 23, 1924. Serial No. 708,391. 10 Claims. (Cl. 247—15.)



4. A device of the type described which comprises, an insulating inclosure having walls formed of interlocked plates of insulating material and a supporting frame therefor, the side walls of insulating material having upwardly projecting lugs, and a cover comprising a metal plate secured to said metal supporting frame and plates of insulating material mounted thereon one of said plates separating the interior of said insulated inclosure from said metal plate, said plate of insulating material having openings receiving said upwardly projecting lugs of said side walls, said insulating plates and metal plate having aligned openings, the openings of said metal plate being larger than those of said insulating plates, whereby said insulating plates overlap the openings of said metal plate.

1,641,266. MEASURING INSTRUMENT. THEODORE E. GILES, Portland, Ore., assignor to Simonds Saw and Steel Company, Fitchburg, Mass., a Corporation of Massachusetts. Filed Oct. 3, 1925. Serial No. 60,308. 4 Claims. (Cl. 33—143.)

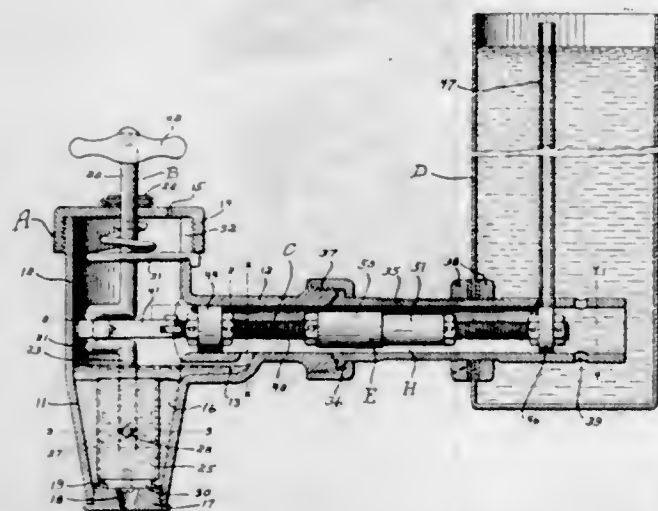


1. A measuring device adapted to be held in the hand of the user comprising a frame having a fixed jaw, a bar carrying a jaw corresponding to and cooperating with the first-mentioned jaw, said bar being adjustable in said frame, a scale on said frame measuring the distance separating said jaws, a gib adapted to engage said bar, interengaging teeth on the bar and gib respectively, and a locking piece slidable longitudinally of the gib and operable by the thumb of the hand in which the device is held to lock and unlock the bar against movement relative to the frame.

1,641,267. AUTOMATIC MEASURING VALVE. FRED M. GUNN, El Paso, Tex. Filed Jan. 19, 1926. Serial No. 82,374. 8 Claims. (Cl. 221—95.)

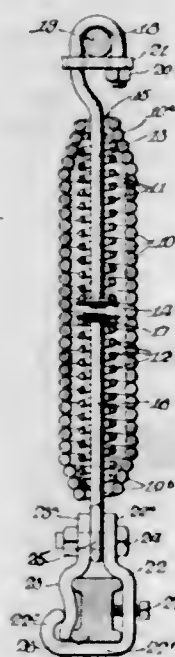
1. A liquid measuring valve comprising a faucet having a discharge chamber provided with a discharge opening at its lower end, a valve block reciprocally mounted

In the discharge chamber for opening of the discharge opening, means for manually raising the valve block for opening of the discharge opening, a measuring chamber communicating with the discharge chamber, means reciprocally mounted in the measuring chamber and connected to the manually operable means for simultaneously



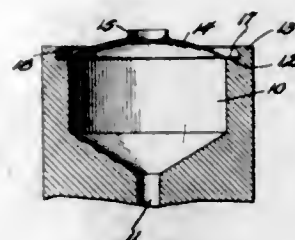
closing communication between the measuring and discharge chambers upon raising of the valve block, and means for simultaneously opening communication between the measuring and discharge chambers upon downward movement of the valve block for closing of the discharge opening.

1,641,268. SHOCK ABSORBER. ORVILLE G. HALLIBERTON, Chicago, Ill. Filed Feb. 2, 1925. Serial No. 6,195. 6 Claims. (Cl. 267—69.)



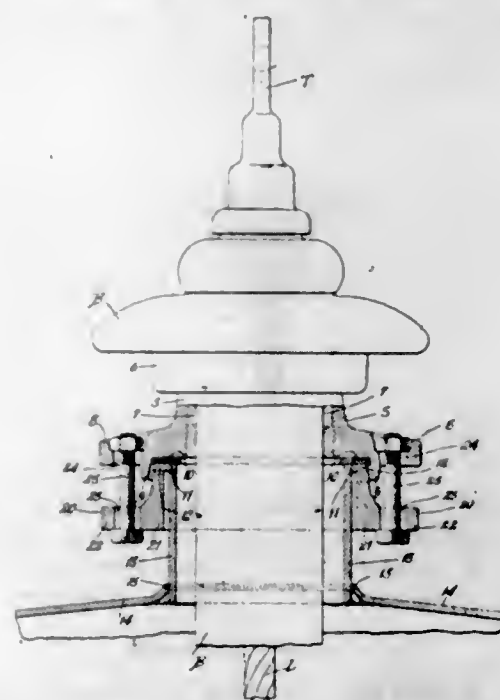
1. In a shock absorber of the character described, the combination of an external coiled expansion spring, a pair of internal coiled compression springs housed by the external spring and having their respective outer ends closely adjacent to and in holding relation to the respective end portions of the external spring, means including a pull rod extending through each internal spring and beyond the respective ends of the external spring for applying compression strains to the respective compression springs and expansion strains to the expansion spring through the compression springs, and means at the outer end of each of said rods for holding the rods respectively to external bodies having relative motion away from and toward each other.

1,641,269. OIL CUP. HARRY A. HOKE, Altoona, Pa. Filed Nov. 2, 1925. Serial No. 66,331. 2 Claims. (Cl. 220—24.)



1. In an oil cup, in combination, a cup body having an open end counterbored to a slightly greater diameter to form a transverse seat for a cover, an axially extending lip partially overhanging said seat, a dished cover having an opening therein, said cover adapted to be placed on said seat and expanded radially to bring its periphery beneath said lip, said opening being adapted for filling purposes and to admit a tool for removing the cover.

1,641,270. TRANSFORMER-BUSHING SUPPORT. SAMUEL HORELICK, Pittsburgh, Pa., assignor to Pittsburgh Transformer Company, a Corporation of Pennsylvania. Filed Apr. 29, 1922. Serial No. 357,426. 4 Claims. (Cl. 173—318.)

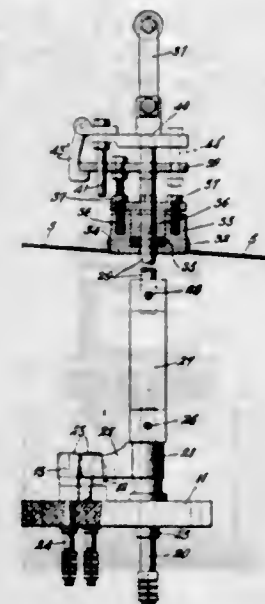


4. In combination, a tank having an opening therein, a hollow cylinder having a straight end adapted to pass within said opening while the other end is provided with a flange, a weld for securing said cylinder and tank together, an integral ring positioned on said cylinder prior to said weld by being passed only over the straight end of said cylinder, a support adapted to carry an insulator bushing and cooperate with said flange to form a joint, and means cooperating with said ring and support for effecting a clamping action whereby a leak-proof joint may be had.

1,641,271. TRANSFORMER-TAP CHANGER. SAMUEL HORELICK, Pittsburgh, Pa., assignor to Pittsburgh Transformer Company, a Corporation of Pennsylvania. Filed Feb. 12, 1923. Serial No. 618,448. 7 Claims. (Cl. 175—361.)

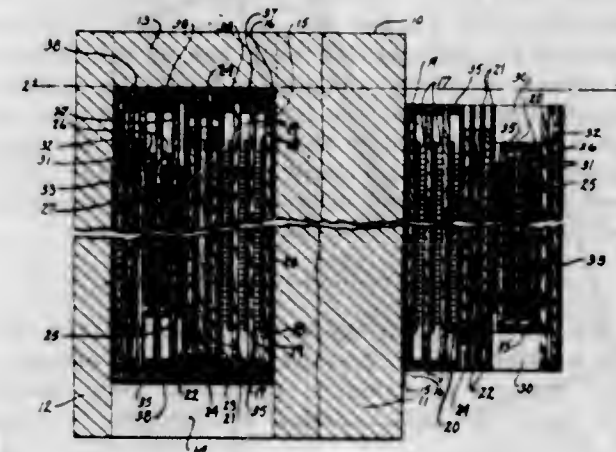
1. The combination with a container for electrical apparatus, of a support in fixed position within said container, a relatively movable switch member carried by said support and engaging tap terminals from said ap-

paratus, a removable cover for said container, a relatively movable actuating means carried by said cover and a detachable connection between said actuating means



and said switch member adapted to be disengaged to permit the cover to be removed without disturbing said switch member.

1,641,272. TRANSFORMER WINDING. SAMUEL HORELICK, Pittsburgh, Pa., assignor to Pittsburgh Transformer Company, a Corporation of Pennsylvania. Filed Dec. 20, 1923. Serial No. 681,716. 8 Claims. (Cl. 175—356.)

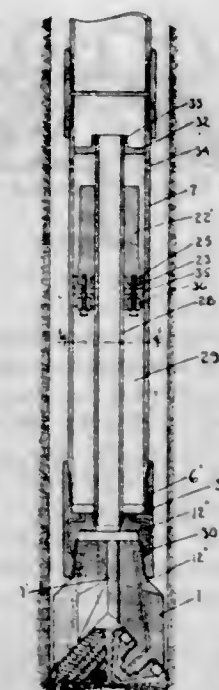


1. In a transformer a core formed with a winding receiving space, a winding comprising coils held in said space, and a supporting structure for said winding comprising a series of separated spacers, there being circulating passages between said spacers terminating in said space, which passages are substantially the length of said space and are open at both ends.

1,641,273. ROTARY DRILLING TOOL. HOWARD R. HUGHES, Houston, Tex.; R. C. Kuldell administrator of said Howard R. Hughes, deceased. Filed June 8, 1920. Serial No. 387,299. 3 Claims. (Cl. 255—71.)

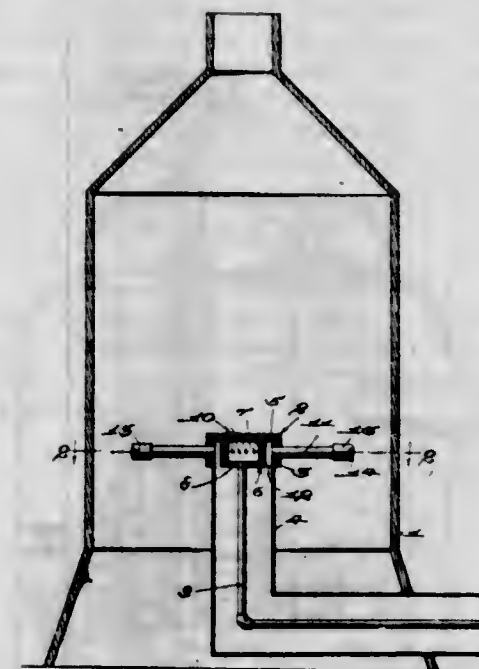
1. In a rotary boring drill, a drill stem, a drill bit having rotary cutters attached thereto, a lubricant chamber on said bit within said drill stem, said drill stem providing a passage adjacent said lubricant chamber to said

bit for flushing fluid, an inlet from without said drill stem to said chamber, a plunger below said inlet and means connected with said plunger to force said plunger



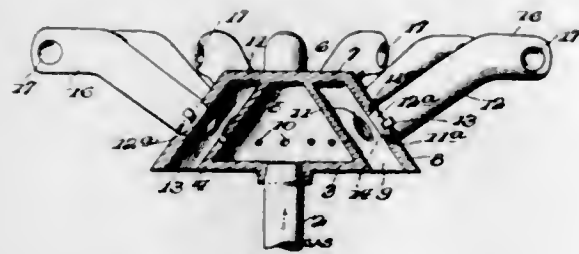
downwardly upon said lubricant and force said lubricant through channels in said bit to said cutters for the purpose specified.

1,641,274. GAS BURNER. PAUL C. HUGHES, Tulsa, Okla. Filed Jan. 16, 1926. Serial No. 81,779. 1 Claim. (Cl. 158—104.)



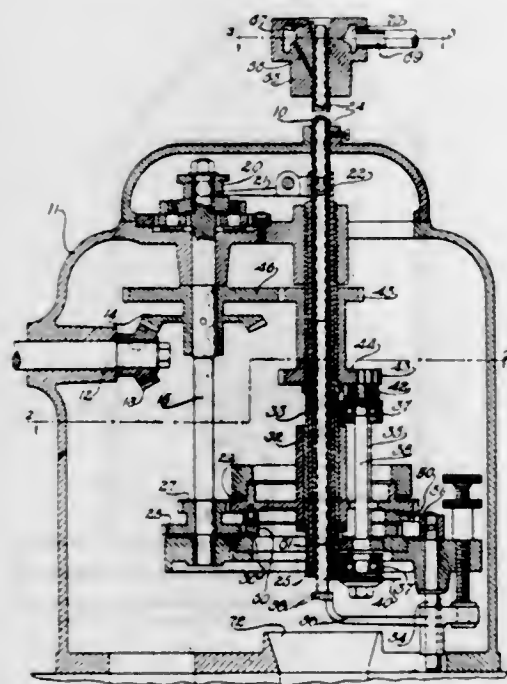
A burner comprising an air chamber, a gas chamber within the air chamber, means for supplying air to the chamber, means for supplying gas to the gas chamber, horizontal burner pipes carried by the gas chamber and having tips, each tip being provided with two outlet orifices, the inner ends of the burner pipes being open and in direct communication with the interior of the air chamber, the gas chamber having jet openings aligning with the burner pipes, whereby the jets issuing from the jet openings entrain the air and carry it into the burner passages, said burner pipes being arranged in circular series and having the outlet orifices of their tips angularly disposed to provide for intersecting jets of combustible fuel, each tip supplying jets that take part in the formation of two flames.

1,641,275. BURNER. PAUL C. HUGHES, Tulsa, Okla. Filed Feb. 19, 1926. Serial No. 89,382. 3 Claims. (Cl. 158-106.)



1. A burner including a gas chamber having a body portion provided with discharge openings, said gas chamber having an extension at its upper end and an inclined pendent apron carried by the extension and overlying the body portion of the gas chamber and having openings aligned with the discharge openings of the gas chamber, and burner pipes mounted in the openings of the apron, said apron defining with the body portion an air space whereby the jets of gas issuing from the openings of the body portion entrain air and carry it into the burner pipes whereby a combustible mixture is produced, said burner pipes having their inner ends tapered, the walls of the openings of the apron being correspondingly tapered, said burner pipes having oppositely disposed lugs, said apron having grooves coacting with the lugs.

1,641,276. METHOD OF AND APPARATUS FOR ADVANCING ARTICLES. VICTOR C. HUNTINGTON, Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Sept. 26, 1924. Serial No. 740,105. 7 Claims. (Cl. 29-58.)

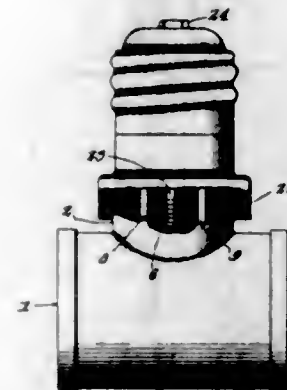


1. A method of intermittently advancing an article through a walled passageway, which consists in projecting fluid against the periphery of the article at a plurality of points therearound and at an angle to the direction in which the article is to be advanced to thereby advance the article along the passageway and maintain it spaced from the wall thereof, and holding the article against advancement at predetermined intervals of time.

5. In apparatus for intermittently advancing tubular articles, means for guiding a tubular article, means for projecting fluid against the article at an angle to the

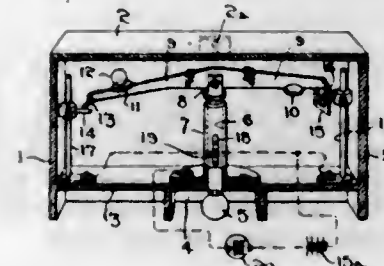
direction in which it is to be advanced, and a stop for preventing advancement of the article, said stop having an aperture registering with the opening in one end of the tubular article.

1,641,277. TWO-WAY SOCKET. WILLIAM ILE, Jackson, Mich., assignor to Reynolds Spring Company, Jackson, Mich., a Corporation of Delaware. Filed May 9, 1925. Serial No. 29,147. 2 Claims. (Cl. 173-337.)



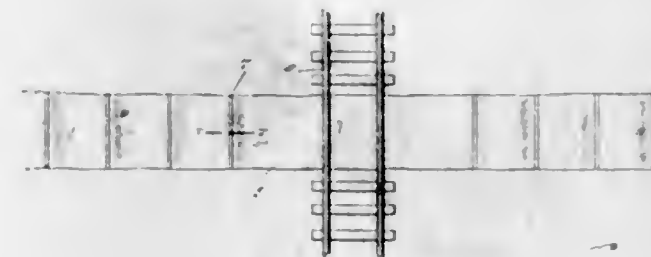
1. A two way socket comprising a cylindrical body of a single piece of molded insulating material provided with an exterior enlargement and having a transverse partition wall located adjacent and bracing the enlargement and dividing the body into two separate compartments, conductor bars embedded in the enlargement, one of the conductor bars terminating at one of the compartments at the inner face of the body and the other conductor bar consisting of offset inner and outer portions and a connecting intermediate portion wholly embedded in the said enlargement, the inner portion of such conductor bar extending to the central portion of the partition wall in flush relation with one of the faces thereof, an insulating disk arranged at the said inner portion of the conductor bar, shell contacts arranged within the said compartment and having flanges electrically connected and secured to the partition wall, one of the shell contacts having electrical connection with the conductor bar which terminates at the inner face of the said body, central contacts secured to the said wall and electrically connected with the said inner portion of the contact bar and insulating disks interposed between the central contacts and the flanges of the shell contacts.

1,641,278. AUTOMATIC ALARM. JOHN WILLIAM JOHNSON, Auckland, New Zealand, assignor of one-half to Luke Bernard Dougherty, Hamilton, New Zealand. Filed Aug. 13, 1925. Serial No. 50,129. 4 Claims. (Cl. 200-85.)



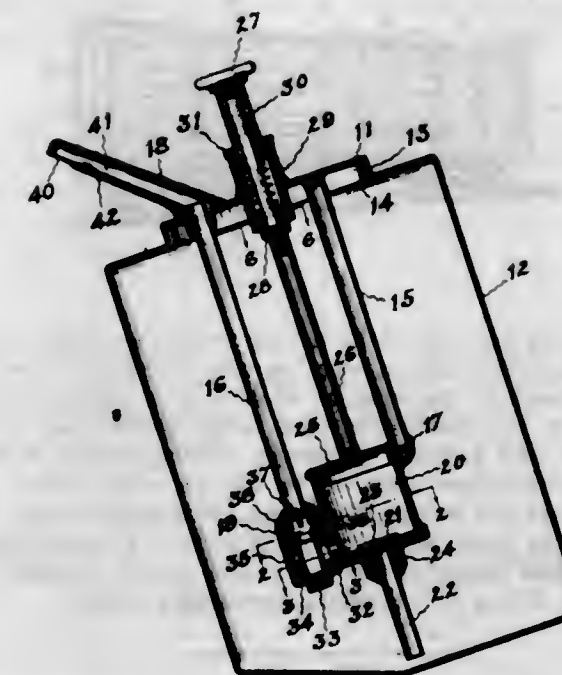
1. A theft-fall circuit closer including a sliding support, a balance arm fulcrumed on said support and forming one pole of the circuit closer, means constituting the other pole, in operative proximity to said balance arm, and a free ball normally positioned beneath said sliding support for holding said arm out of contact with said other pole.

1,641,279. DANGER-INDICATING MEANS FOR HIGHWAYS. MINNIE L. JONES, Cornelia, Ga. Filed Apr. 1, 1926. Serial No. 99,066. Renewed July 6, 1927. 2 Claims. (Cl. 238-3.)



1. A roadway constructed with transversely extending countersunk ties at opposite sides of a railroad crossing, and rail lengths anchored to said ties for providing obstructions in the roadway at opposite sides of said crossing.

1,641,280. SIRUP PUMP. CHARLES T. JOSLIN, Cleveland, and CARL W. KLOTZ, Parma Village, Ohio, assignors to The Ruas Manufacturing Company, Cleveland, Ohio, a Corporation of Ohio. Filed July 14, 1926. Serial No. 122,304. 12 Claims. (Cl. 225-35.)



1. A liquid dispensing pump comprising a measuring cylinder, adapted to be submerged in the liquid to be pumped, a piston operating within the cylinder, a valve mounted in an inlet port for said cylinder adapted to substantially prevent return flow of liquid from said cylinder, a discharge spout, a connection from the cylinder to the discharge spout having a valve therein adapted to substantially prevent return flow of liquid from the spout to the cylinder, and a by-pass permanently connecting the discharge spout with the cylinder to withdraw a predetermined relatively small quantity of liquid from the discharge spout into the cylinder upon return stroke of the piston.

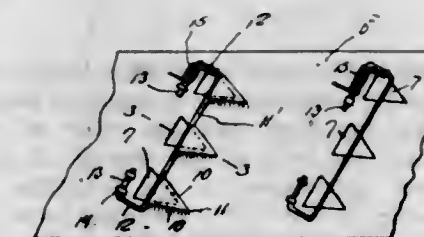
4. A pump comprising a cylinder formed of die cast metal, an open ended valve housing formed integrally therewith, a hollow plug adapted to close the open end of said housing and providing a valve seat on the upper open

end thereof, a disc valve supported by said plug, an aperture through said plug adapted to permanently connect the open end of the plug with said cylinder, and a permanently open aperture by-passing said disc valve.

1,641,281. PROCESS FOR PRODUCING ACTIVE CARBON. PAUL LUEG, Leverkusen, JULIUS DRUCKER, Cologne-Mühlheim, and HEINZ THIENEMANN, Leverkusen, near Cologne, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Filed Nov. 7, 1925. Serial No. 67,656, and in Germany Apr. 29, 1925. 3 Claims. (Cl. 252-3.)

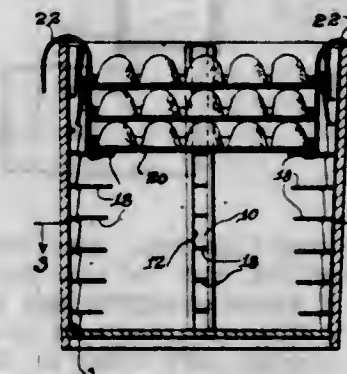
1. Process for the production of active carbon which comprises treating cellulosic carbonaceous material with sulfuric acid at temperatures above 300° C. and subsequently subjecting the material to steam activation.

1,641,282. V-SHAPED APPLIANCE FOR TRACTOR-WHEEL LUGS. WELDY LUTZ, Eldon, Iowa. Filed Sept. 15, 1926. Serial No. 135,613. 2 Claims. (Cl. 301-44.)



1. In combination, a wheel rim having a triangular opening, a lug, a triangular-shaped block extending from the lug and being smaller in area than the opening, and flanges on the sides of the block at the inner end thereof, and means on the rim for engaging the inner end of the block to prevent the displacement thereof from the opening, said means comprising a locking bar having angularly extending ends hinged to the rim and spring means associated with the bar to normally hold the bar in a position to prevent displacement of the block from the opening.

1,641,283. DISPLAY CONTAINER. ALEXANDER MACDOUGALL, Baker, Oreg. Filed Aug. 19, 1926. Serial No. 130,220. 7 Claims. (Cl. 217-64.)



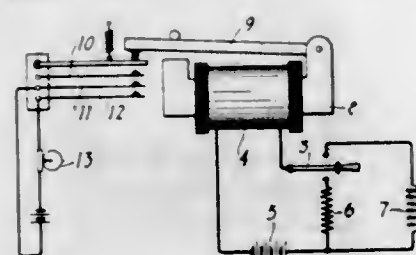
1. A display container comprising a receptacle, a plurality of standards secured to the walls of said receptacle in peripherally-spaced relation, a plurality of longitudinally-spaced shelves pivotally connected to said standards, a support carried by said shelves, and means secured to said support for lifting the latter from the bottom of the container toward the top thereof from one set of shelves to another.

1,641,284. UNDERGARMENT. SAMUEL T. METZ, Jamaica, N. Y., assignor to Trea Company, Inc., a Corporation of New York. Filed May 12, 1925. Serial No. 29,693. 3 Claims. (Cl. 2-30.)



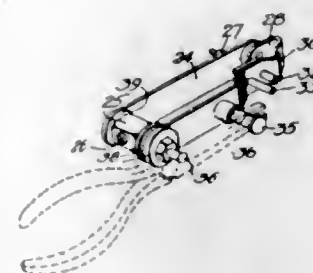
2. An undergarment comprising two body encircling sections, one of which is adapted to encircle the body of the wearer across the bust, and the other of which is adapted to encircle the body of the wearer at a position downwardly from approximately the waistline, one of said sections having a vertically extending pocket formed therein, an elastic strap disposed in said pocket, anchored at one end to said pocket carrying section, extending along said pocket, and detachably connected to the other section, whereby said strap will yield when the wearer's body bends in a manner to cause a separation of said sections at the point of connection, and to draw the sections into original relative positions when the wearer's body returns to erect position, the width of the pocket being greater than the width of the strap whereby the end of the strap which is detachably connected to a section may swing laterally to some extent to facilitate establishment of the connection to a section.

1,641,285. RELAY. DANIEL D. MILLER, New York, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Sept. 6, 1924. Serial No. 736,382. 1 Claim. (Cl. 175-320.)



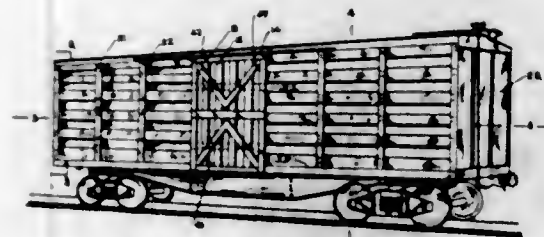
Means for producing a marginal relay operation comprising a relay provided with an armature having an appreciable mass, a source of current and a circuit including said source of current and said relay, said circuit having two branches with means to close each of said branches separately, each said branch having means to render the steady flow of current the same, and other means to render the transient currents at corresponding times during the building up of current in said branches different whereby a greater amount of energy is stored in said armature during the first part of its stroke when said relay is energized through one said branch than when said relay is energized through the other said branch, and spring means for adjusting said relay so that it will operate in one said branch and will not operate in the other said branch.

1,641,286. TEST PLUG. EMIL C. MUELLER, Jr., Elizabeth, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a Corporation of New York. Filed Mar. 18, 1926. Serial No. 95,658. 5 Claims. (Cl. 179-175.)



1. A test plug comprising a base plate, a stud carried by the base plate for entrance into an opening in a distributing frame spring, a conductor strip associated with but insulated from the base plate, and a cam face on the conductor strip for engagement behind the curved portion of the cooperating distributing frame spring.

1,641,287. STOCK CAR. DONALD MUNRO, Montreal, Quebec, Canada. Filed Jan. 16, 1925. Serial No. 2,840. 1 Claim. (Cl. 119-8.)

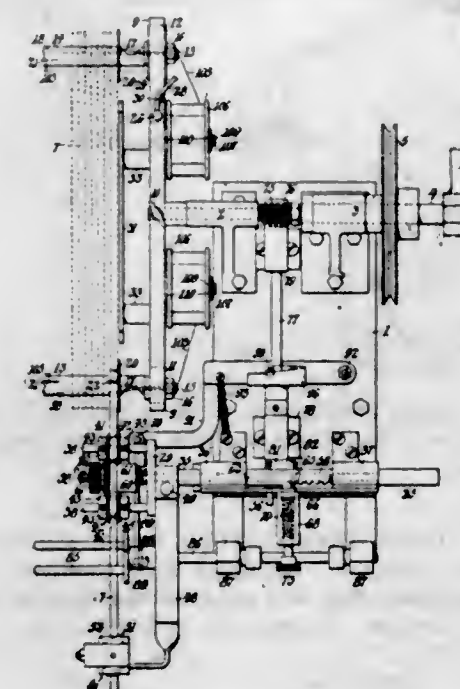


In a stock car, side walls having permanent base boards and permanently spaced slats parallel therewith, vertical posts secured to the outsides of said slats, vertical posts secured to the insides of said outer posts and spaced therefrom and forming slideways, sliding frames formed of horizontal slats adapted to fill up said spaces and having vertical braces, fastening members holding the slideways in place, tethering rings secured to and flexibly held by said fastening members, and means operated by levers for lifting and lowering the sliding frames.

1,641,288. BRAID HANK-WINDING MECHANISM. SAMUEL A. NEIDICH, Edgewater Park, N. J. Filed Mar. 25, 1926. Serial No. 97,224. 12 Claims. (Cl. 28-21.)

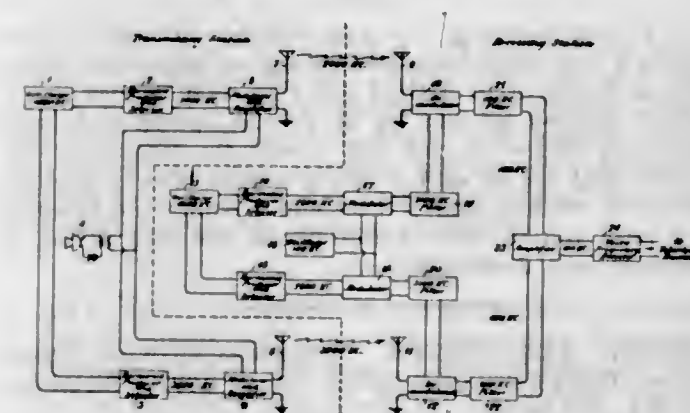
1. In a braid hank winding mechanism, the combination with a frame; of a winding shaft mounted to rotate in said frame; means on said shaft, including a belt wheel, whereby it may be rotated; a winding head detachably secured on said shaft, at one end thereof, including a bar extending in diametrical relation with said shaft and having slots extending in its ends in planes parallel with the axis of said shaft; blades respectively carried in said slots, each including a screw threaded shank fitted to extend through one of said slots and provided with a nut; each of said blades having a circular braid abutment flange fixed thereon adjacent to its screw threaded end and having a tie groove in its radially outer edge, parallel with the axis of said shaft and extending through the blade flange; a carriage for one of said blades, fitted to reciprocate in said bar, local to one of the slots in the latter; means arranged to vary the radial position of said carriage and its blade in said bar,

including a crank carried by a shaft extending transversely in said bar, and a link pivotally connected at one end to said carriage and at the other end to said crank,



an operating handle on said crank shaft, and a stop pin on said bar, whereby said crank and link are operable as a toggle connection between said carriage and bar.

1,641,289. RADIO SIGNALING SYSTEM. RUSSELL S. OHL, New York, N. Y., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Nov. 23, 1925. Serial No. 70,968. 10 Claims. (Cl. 250-10.)

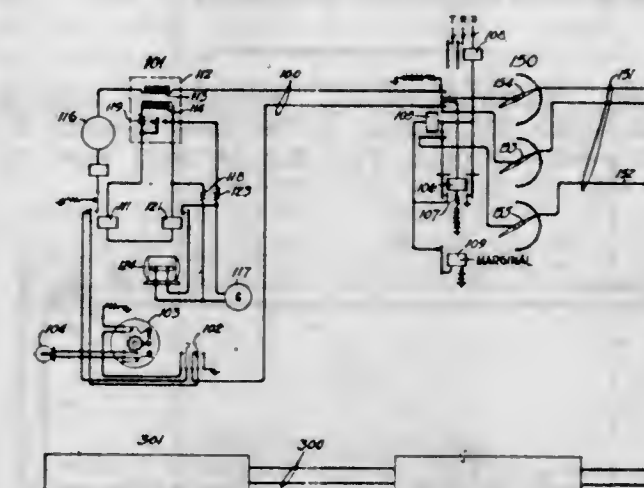


1. The method of reducing fading and distortion effects in the transmission of signals by radio, which consists in transmitting a given signal on a plurality of wave lengths, bending the several received frequencies to a common intermediate frequency, uniting and amplifying the resultant currents, and detecting the signal.

1,641,290. PRINTING-TELEGRAPH-EXCHANGE SYSTEM. DONALD B. PERRY, Yonkers, N. Y., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Oct. 31, 1925. Serial No. 66,058. 13 Claims. (Cl. 178-2.)

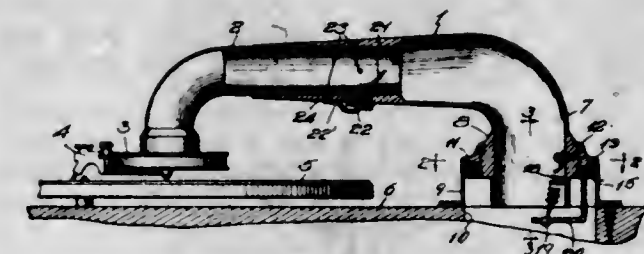
1. In a signaling system, a first calling line, a second calling line, a called line, automatic switches for extending connections between said calling lines and said called

line, means effective while said called line is busy for maintaining said extended connections open, and means



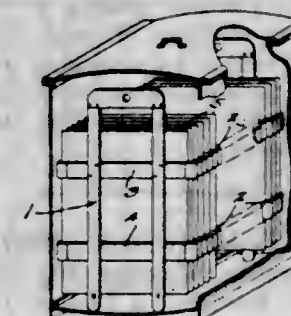
effective when said called line becomes idle for determining the order in which said connections shall be completed.

1,641,291. PHONOGRAPH. JOSEPH N. PEPIN, Chicago, Ill. Original application filed Sept. 2, 1922, Serial No. 586,003. Divided and this application filed May 11, 1923. Serial No. 638,192. 2 Claims. (Cl. 274-23.)



1. In a device of the kind described and in combination, a phonograph comprising a table, a tone arm having an enlarged ball portion at one end, a collar adapted to be mounted on said table at the sound chamber thereof and having an inwardly directed annular flange provided with circumferentially spaced recesses therein, an anti-friction roller mounted on said annular flange in each of said recesses, ring members arranged at the upper and lower sides of said flange and engageable with said rollers and with the ball portion of the tone arm to form a bearing therefor, and means for resiliently counter-balancing the weight of said tone arm.

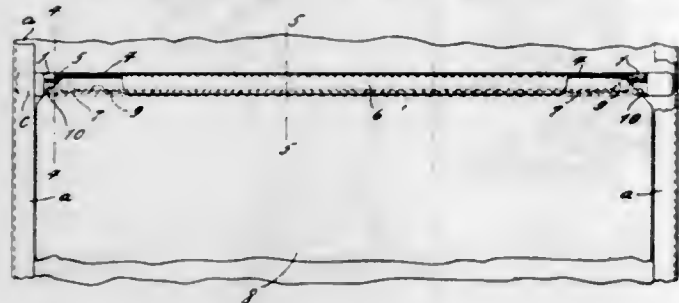
1,641,292. MANUFACTURE OF NITRATED CELLULOSE FROM WOOD PULP. VICTOR PLANCHON, Lyon, France. Filed Feb. 27, 1925. Serial No. 12,170, and in France Feb. 29, 1924. 3 Claims. (Cl. 260-145.)



1. A process for manufacturing nitrated cellulose from wood pulp, comprising the steps of immersing thick wood-pulp sheets of low porosity in a nitration bath the tem-

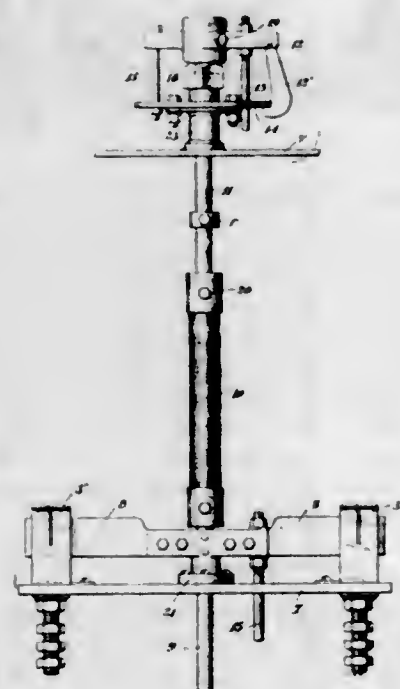
perature of which is below 15° C. but not less than 5° C., and maintaining said bath at a constant temperature during the whole period of nitration, such period varying according to the temperature of the bath.

1,641,293. VISIBLE INDEX. WILLIAM A. RINGLER, Philadelphia, Pa., assignor to The Globe-Wernicke Co., a Corporation of Ohio. Filed Nov. 19, 1924. Serial No. 750,745. 12 Claims. (Cl. 129-167.)



12. In a visible index device, an element adapted to slide laterally of itself in guideways of a supporting frame and having means for supporting an index sheet for sliding movement lengthwise of the element, said element having projections normally limiting the sliding movement of said elements.

1,641,294. TAP CHANGER. CLIFFORD A. ROBERTS, Pittsburgh, Pa., assignor to Pittsburgh Transformer Company, a Corporation of Pennsylvania. Filed Aug. 3, 1925. Serial No. 47,734. 6 Claims. (Cl. 175-361.)

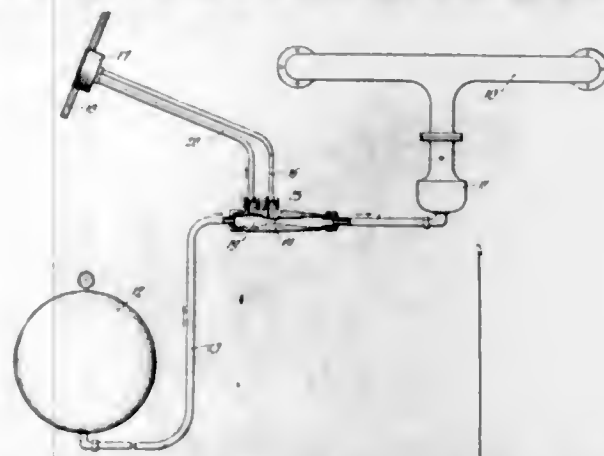


1. The combination with a transformer and a tank containing the same, of contact making means within said tank connected to a winding of said transformer, and means for operating said contact-making means from outside of said tank, a packing means and a protecting hood for said packing means between said operating means and said packing means.

1,641,295. FUEL-CONSUMPTION INDICATOR. RUDOLPH W. SCHROEDER, Chicago Ill. Filed July 16, 1921. Serial No. 485,280. 4 Claims. (Cl. 73-167.)

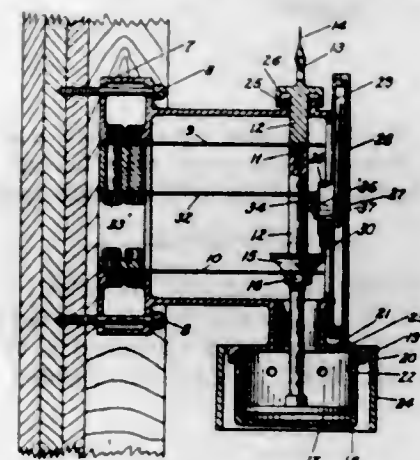
2. The combination with an internal combustion engine, of means for supplying liquid fuel thereto, means forming a part of said liquid supplying means for producing a pressure difference in the liquid in said supplying means incident to flow of liquid therein, a pressure

gage adapted to register pressure differences and conduits connecting said pressure gauge with different portions of said liquid supplying means having different pressures



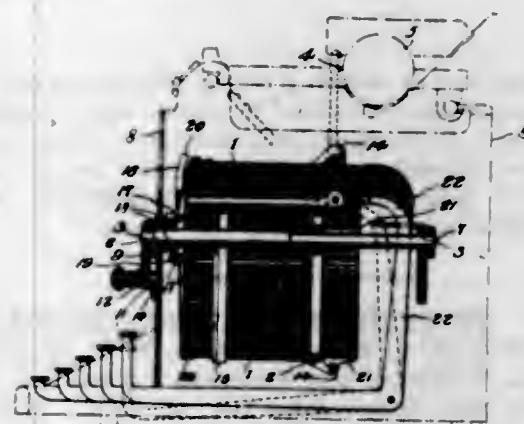
therein to cause said gauge to be actuated by said pressure differences for indicating the rate of flow of fuel to said engine.

1,641,296. LOAD INDICATOR. FLOYD L. SCOTT, Houston, Tex., assignor to Hughes Tool Company, Houston, Tex., a Corporation of Texas. Filed May 3, 1926. Serial No. 106,574. 6 Claims. (Cl. 265-68.)



1. A load indicator for well drilling operations, comprising a load supporting derrick leg, an indicating device secured rigidly at a desired point on said derrick leg, a bracket secured on said leg at a point spaced from said indicating device, a push rod, means for resiliently supporting said rod on said device, a tension wire connecting said push rod and said bracket and a pointer actuated by said push rod to show variations in the load acting to compress said derrick leg.

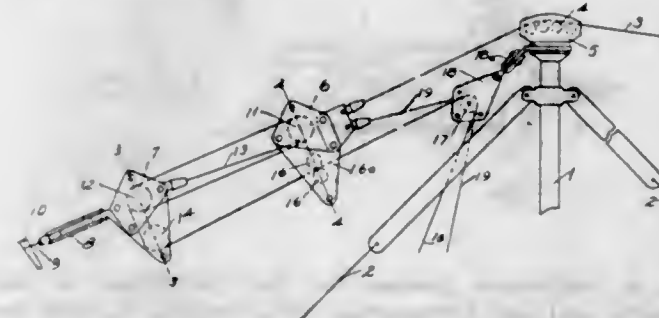
1,641,297. TYPEWRITER. MINOKICHI SHIMADA, Ebara-Gun, Tokyo-Fu, Japan. Filed Feb. 3, 1925. Serial No. 6,654. 2 Claims. (Cl. 197-22.)



1. In a typewriter of the visible type, a frame, a plurality of key levers, a shaft journaled transversely in the upper part of the frame, a type-basket carried on the shaft

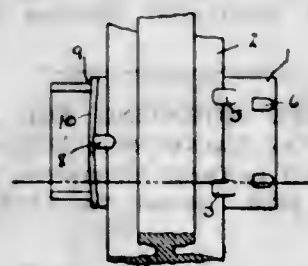
and including a plurality of sets of type-bars each set of which is adapted to be arranged to coact with the key levers, a handle for rotating the shaft to consequently arrange the desired set of type bars in position, and co-operative catch and indicating means on the frame for releasably holding the type-basket in the desired position of adjustment.

1,641,298. CABLE-BLOCK SYSTEM. CHESTER J. SEFARTH, Portland, Oreg., assignor to Willamette Iron & Steel Works, Portland, Oreg., a Corporation of Oregon. Filed Aug. 10, 1925. Serial No. 49,325. 3 Claims. (Cl. 254-188.)



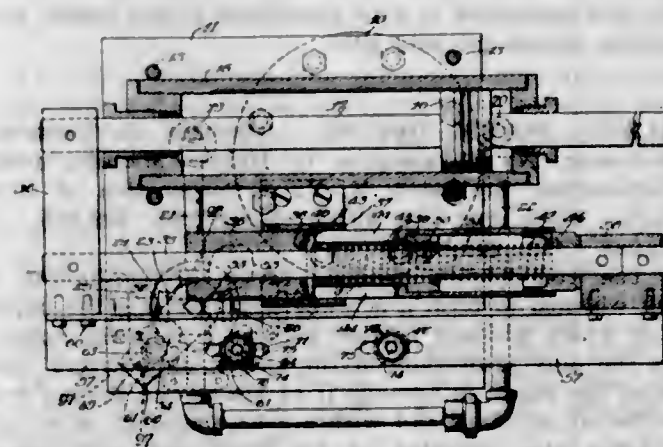
1. In a cable block system, the combination of an anchor block; a floating block; sheaves in said blocks; off-set frames on said blocks; and a cable operating in said sheaves and through said off-set frames.

1,641,299. RAIL ANCHOR PLATE. SAM SORESENSEN, Houston, Tex. Filed Apr. 11, 1927. Serial No. 182,636. 6 Claims. (Cl. 238-304.)



6. A rail plate to support a rail base having means thereon to engage one side of said rail base, said plate having a spike receiving opening at the opposite side of said rail base from said means, and resilient means bearing on said plate opposite said engaging means and adapted to be placed under tension by a spike driven into said opening for the purpose described.

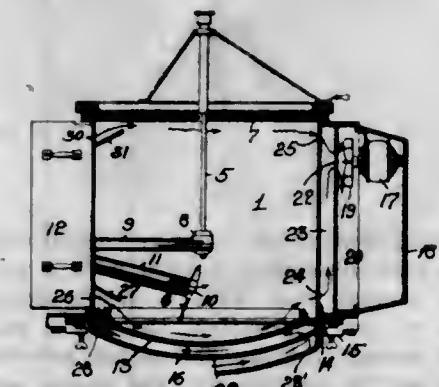
1,641,300. MATERIAL-DISTRIBUTING DEVICE. FRANK CALVIN SPENCER, Oak Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y., a corporation of New York. Filed Dec. 29, 1924. Serial No. 758,573. 9 Claims. (Cl. 242-158.)



1. A device for distributing material in strand form, comprising a reciprocable strand distributing and guid-

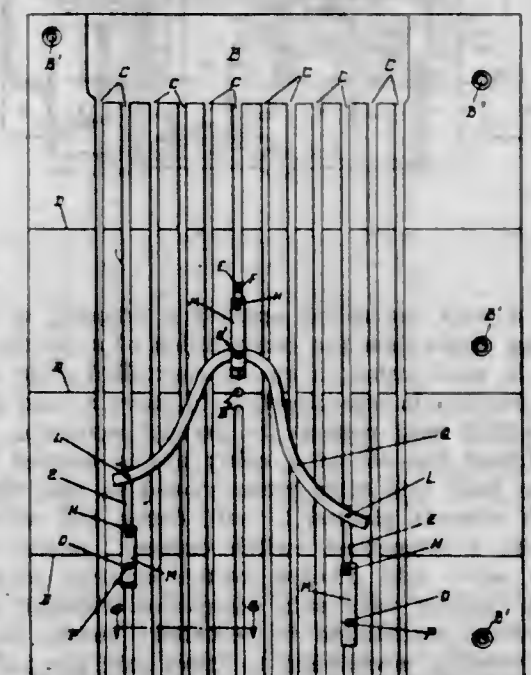
ing rod, a fluid operated motor operatively connected to said rod for causing a movement thereof, means including a latchable member for controlling the admission of fluid to said motor, a coiled spring on the rod for actuating the member adapted to be similarly charged during each movement of the rod, and means movable with said rod for releasing said controlling member upon said rod reaching a predetermined point during its movement.

1,641,301. SEARCHLIGHT COOLING AND VENTILATING MEANS. ELMER A. SPERRY, Brooklyn, N. Y. Filed Aug. 30, 1921. Serial No. 496,808. 8 Claims. (Cl. 240-41.)



1. In a searchlight having a drum, a reflector and a front door having a surface in direct contact with the heat of the light, means for ventilating and cooling said surface, comprising an air inlet adjacent said surface, and an air outlet adjacent said surface and positioned substantially diametrically opposite said inlet and power means for causing a flow of air between said inlet and outlet so that a stream of air is directed parallel to and in contact with said surface.

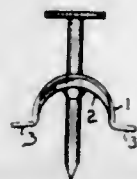
1,641,302. PATTERN HOLDER FOR GRADING MACHINES. ADELARD J. THERRIEN, Lynn, Mass., assignor to A. J. Therrien & Co., Inc., Lynn, Mass., a Corporation of Massachusetts. Filed Dec. 24, 1925. Serial No. 77,674. 7 Claims. (Cl. 33-23.)



1. In a device of the kind described, a holding plate, a plurality of movable members, means for adjustably fixing said members to the holding plate for placement at

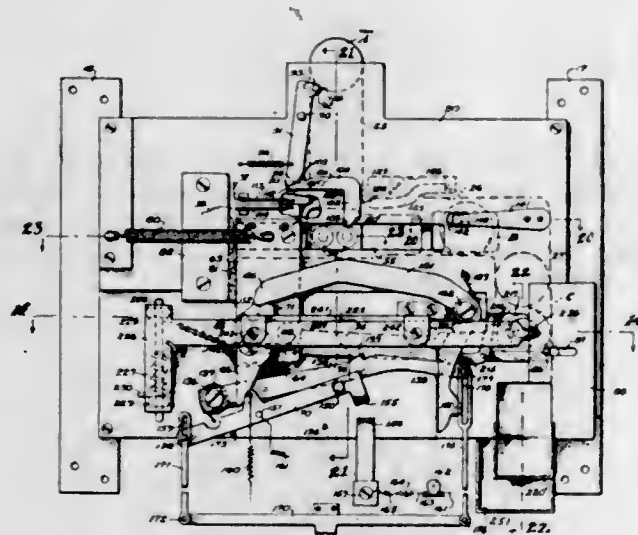
certain points thereon, a fixing point carried by each movable member and adapted to pierce and hold a pattern placed thereon, said points being bodily removable from said movable members.

1,641,303. FURRING NAIL. JOSEPH M. THORPE, San Francisco, Calif. Filed Jan. 18, 1926. Serial No. 81,997. 3 Claims. (Cl. 72-118.)



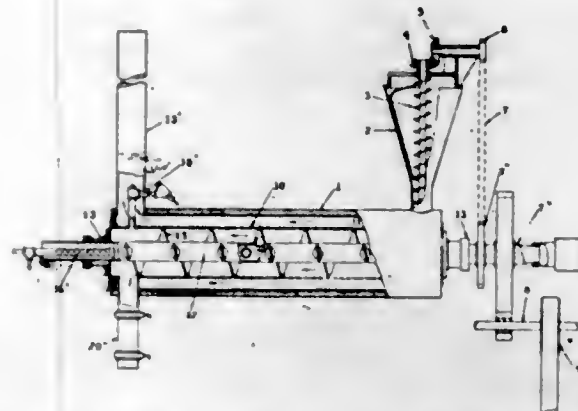
1. A furring nail of the character described, comprising an arcuate metallic spacer formed with a perforation in the center thereof and with a sleeve depending from the margin of the perforation, the sleeve having a narrowed oval mouth causing the metal to stretch to the form of a nail driven through the sleeve without being fractured.

1,641,304. COIN CHUTE. WALTER A. TRATSCH, Chicago, Ill. Filed Mar. 23, 1925. Serial No. 17,819. 6 Claims. (Cl. 194-55.)



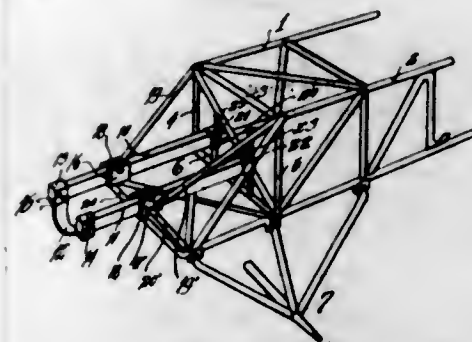
1. In a coin controlled apparatus adapted to actuate a vending mechanism the combination of a frame; a coin passage in said frame; a spring controlled slide operable in said passage in one direction to move a coin therein; means within said passage to prevent actuation of said slide without the aid of a coin; means carried by said frame to hold said slide when moved in one direction; a switch element pivoted to said frame and adapted to coact with a companion switch element; means on said slide to move said pivoted switch element into closed electrical contact with said companion element whereby said vending mechanism is actuated; means controlled by said vending mechanism to move said pivoted switch element out of electrical contact with its companion element whereby the actuation of said vending mechanism is stopped, as well as to release said holding means whereby said slide may move under spring action in the opposite direction; and means actuated by said coin passage to control the movement of the coins through said coin passage.

1,641,305. PROCESS OF DISTILLING OIL IN PRESENCE OF COMMUNUTED CARBONACEOUS FUEL. WALTER EDWIN TRENT, Washington, D. C., assignor to Trent Process Corporation, Washington, D. C., a Corporation of Delaware. Filed Nov. 4, 1920. Serial No. 421,715. 3 Claims. (Cl. 196-56.)



1. A continuous process for the distillation of comminuted coal and hydrocarbon oil intermixed in such proportions as to provide a mass of plastic consistency, consisting in continuously advancing such mixture through a distilling zone, in mechanically agitating the material while the same is advancing through the heating zone, in heating the mixture while passing through said zone by heating gases maintained out of direct contact with the advancing materials, in separately discharging the evolved gases from such material and the residue at the same end of the heating zone, and in maintaining the temperature throughout the heating zone sufficiently low to prevent a substantial fusion of the residue particles and to permit a substantial cracking of the evolved volatiles.

1,641,306. ENGINE MOUNTING FOR AEROPLANES. EBER HARLEY VAN VALKENBERG, McKeesport, Pa., assignor of one-half to Oscar Silverstein, Spokane, Wash. Filed Oct. 23, 1926. Serial No. 143,625. 3 Claims. (Cl. 244-31.)



2. The combination with the body frame of an aeroplane, a pair of U-plates, and a pair of rear socket heads supported in said frame, of a pair of longitudinally disposed sills supported in said plates and socket heads, and attaching means for said sills.

1,641,307. SCREW DRIVER. RUDOLPH J. VELEPEC, Rochester, N. Y., assignor to Haines Manufacturing Corporation, Rochester, N. Y., a Corporation of New York. Filed Apr. 14, 1926. Serial No. 102,035. 2 Claims. (Cl. 145-52.)

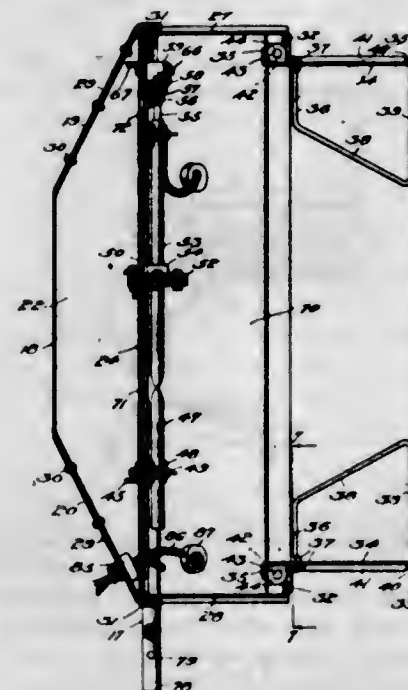
1. The combination with a screw driver having a shank widened to form a screw engaging blade, the upper end of which widened portion acts as a stop and constitutes the only projection on the shank, of a casing slidable on the shank to arrange it at either end thereof and provided at its inner end with a rear abutment, said casing being also provided at its front end with screw holding arms, and a coiled spring disposed on the shank of the screw driver and arranged within the casing and

seated against the rear abutment, and a relatively slidable front abutment member arranged within the casing and engaged by the front end of the coiled spring and



bearing against the stop of the screw driver shank and slidable therefrom with the casing when the latter is moved to the other end of the shank.

1,641,308. CABINET FOR ARC LAMPS. JAMES H. WAGENHORST, Jackson, Mich. Filed Mar. 4, 1926. Serial No. 92,202. 22 Claims. (Cl. 176-115.)

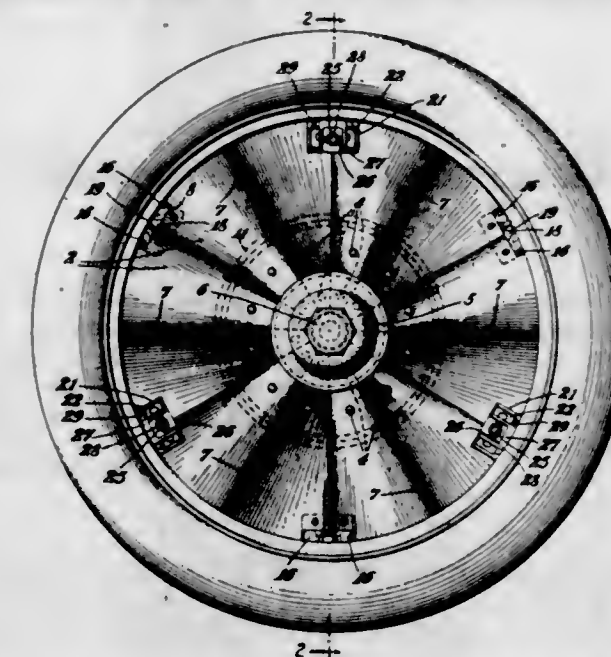


17. The combination of a cabinet for arc lamps having rear, side and end walls, and light deflecting wings hinged to the front portions of the end walls of said cabinet.

1,641,309. VEHICLE-WHEEL AND BRAKE-DRUM STRUCTURE. PHILLIP A. WHITE, St. Albans, N. Y., assignor, by direct and mesne assignments, of one-half to Robert W. Simpson and one-half to Evina A. Kemp, New York, N. Y. Original application filed May 14, 1925. Serial No. 30,154. Divided and this application filed Apr. 26, 1926. Serial No. 104,555. 2 Claims. (Cl. 301-6.)

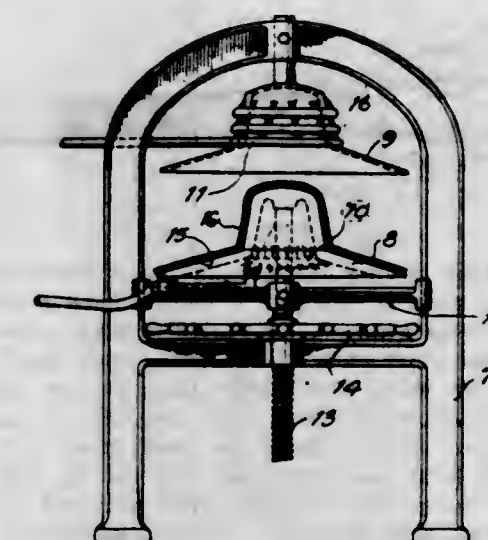
1. A disk type wheel comprising a hub member having a flange radiating outwardly a substantial distance there-

from, sector-like sections secured at their central portions to one side of said flange to make up a disk, the other side of said flange carrying an annular brake drum sup-



port and an annular member secured to said support to constitute a brake drum whereby the brake drum structure reinforces the wheel structure.

1,641,310. STRAW HAT AND METHOD OF MAKING SAME. EDWARD WITTCOFF, St. Louis, Mo. Filed Nov. 1, 1922. Serial No. 598,279. 2 Claims. (Cl. 2-193.)

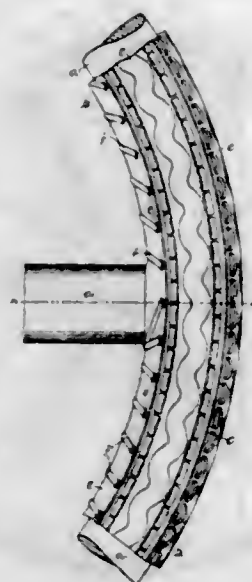


1. The method of ornamenting straw hats which consists in steaming a woven body straw hat so as to render the same soft and pliable, steaming an open weave straw matrix of substantially the same shape and size as said hat body, placing said matrix over said hat body, subjecting the interior of the hat body and the exterior of said matrix simultaneously to heat and pressure for a predetermined length of time, releasing said pressure, and lastly removing said matrix whereby the exterior of said hat body is provided with an ornamental surface.

1,641,311. COVER FOR APPLICATION TO STEERING-WHEEL HANDLES OF MOTOR VEHICLES AND THE LIKE. ALFRED GEORGE BARRETT and HUBERT HENRY BURTON, Leicester, England. Filed May 15, 1925. Serial No. 30,603, and in Great Britain May 21, 1924. 1 Claim. (Cl. 74-33.)

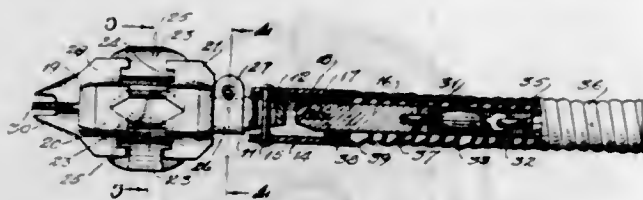
A cover for the spoke supported rim of a steering wheel of a motor vehicle, said cover comprising an endless band of rubber fitted over the wheel rim with the edges of the

band brought close together on the inner wall of the wheel rim in the plane of the spoke and embracing the outer ends of the spokes, a strip of canvas cut on the bias and applied to the inner wall of the cover at each edge



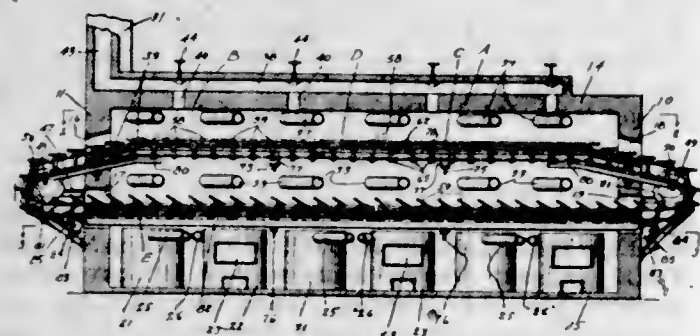
thereof so as to provide stretchable reinforced cover edges that may be drawn towards each other, and lacing connecting the cover edges and extending about the wheel spokes to prevent circumferential slippage of said cover on said rim wheel.

1,641,312. TUBE CLEANER. EUGENE BERTONE, Stevenson, Md. Filed Feb. 26, 1926. Serial No. 90,975. 4 Claims. (Cl. 15—104.14.)



1. In a tube cleaner, a body having a shank provided with a fixed head at one end, a sliding head mounted on said shank, said heads being provided with arms having stops at their outer ends, the stops on each head extending toward the other head, confronting grooves formed in said ends substantially radial to the axis of the head, blades having ends engaged in said grooves to move toward and from said axis, lugs carried by said blades adapted to engage the stops to limit outward movement of the blades and means to prevent movement of the sliding head away from said blades.

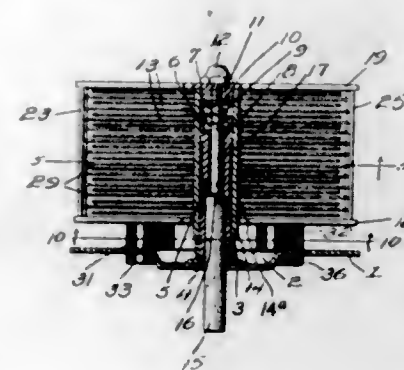
1,641,313. BAKE OVEN. SWAN G. BONAPARTE, St. Paul, Minn. Filed Feb. 27, 1922. Serial No. 539,620. 13 Claims. (Cl. 107—57.)



2. A bake oven comprising a casing, a continuous carrier within the same having an upper and a lower run formed of separable members, heating means positioned

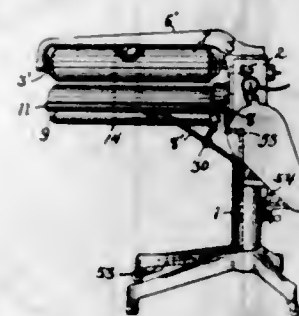
above said upper run, heating means positioned below said lower run and means for separating said separable members to conduct heat through said lower run.

1,641,314. VARIABLE CONDENSER. HARRY L. BRADLEY, Milwaukee, Wis. Filed Oct. 17, 1924. Serial No. 744,250. 4 Claims. (Cl. 175—41.5.)



1. A variable condenser, comprising in combination an end plate member, a sleeve bearing carried by said end plate member, a rotatable shaft disposed within said sleeve bearing, a cylindrical member journaled on said sleeve bearing and connected with said shaft, said cylindrical member having a plurality of grooves spaced one from another along the length thereof, a plurality of rotor plates secured in said grooves, a plurality of stator plates into which said rotor plates are adapted to be moved, and insulated means depending from said end plate member and arranged to support said stator plates with relation to said rotor plates.

1,641,315. IRONING MACHINE. THOMAS N. BROWN, Fort Wayne, Ind., assignor to Utensils Company, Fort Wayne, Ind., a Corporation of Indiana. Filed Oct. 23, 1925. Serial No. 64,317. 7 Claims. (Cl. 68—9.)

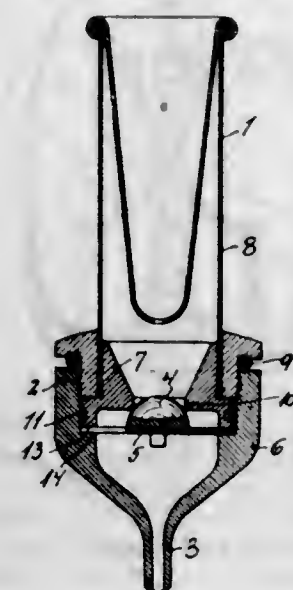


7. In an ironing machine having a smoothing member and feed roller in co-operable relation therewith, a support for said feed roller having limited movement; means operable to lift said feed roller into engagement with the smoothing member; means actuated by said feed roller operable to actuate said support; a driving pinion; a second pinion mounted in connection with the feed roller; a motion transmitting gearing mounted so as to have movement in an arc of a circle and to have engagement with said pinions; and means for moving said gearing into and out of engagement with said pinions.

1,641,316. MILKING CUP. OTTO BRUN, Frederiksberg, near Copenhagen, Denmark. Filed June 27, 1927. Serial No. 201,817, and in Denmark June 2, 1926. 2 Claims. (Cl. 31—85.)

1. A device of the character described comprising a milking cup adapted to receive a teat, a cap attached to one end of the milking cup and providing an internal valve chamber having a suction aperture, a valve seat in said chamber, a plate spring one end of which projects

freely into the valve chamber, and a valve attached to the said free end of the plate spring and having a hemispherical seating surface adapted to be held against said



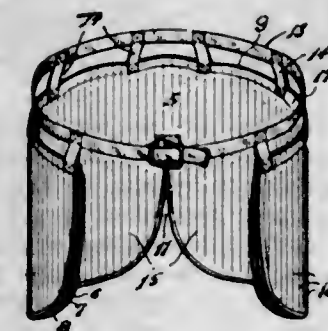
valve seat by the action of the plate spring and to be removed from the same against the spring action by suction effect in the valve chamber.

1,641,317. CONTAINER. ROBERT R. CANAVELLO, Brooklyn, N. Y. Filed Sept. 19, 1924. Serial No. 738,600. 7 Claims. (Cl. 132—82.)



1. The combination comprising a powder receptacle, a mixing bowl serving as a cover therefor, an opening adjacent the junction of the receptacle and bowl, and a member normally closing said opening and adapted when actuated to throw a portion of powder onto the bowl.

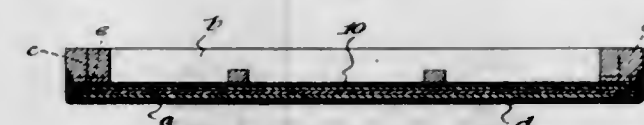
1,641,318. SLIDING PAD. MAX G. CAREY, Pittsburgh, Pa. Filed Oct. 1, 1924. Serial No. 741,011. 2 Claims. (Cl. 2—22.)



1. A sliding pad comprising three or more superimposed layers of padding material secured together along the upper edge of the pad, the remaining edges being unattached and permitting free relative sliding movement of the layers over one another, and means for attaching the pad to the wearer.

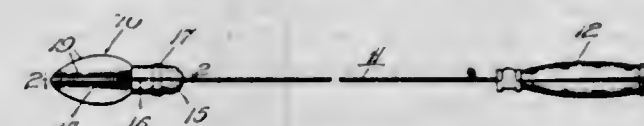
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1,641,319. AUTOMOBILE BODY CONSTRUCTION. KENNETH L. CHILDS, Detroit, Mich., assignor to The Fabric Body Corporation, Detroit, Mich., a Corporation of Michigan. Filed Apr. 30, 1923. Serial No. 635,583. 4 Claims. (Cl. 296—31.)



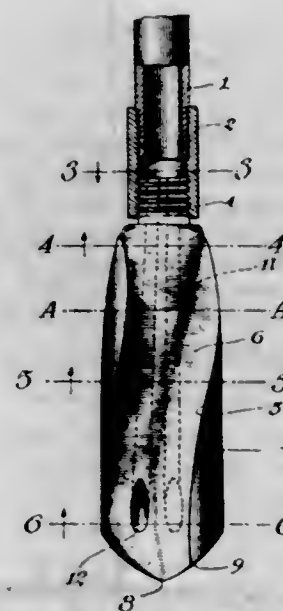
1. In an automobile body construction, the combination of a skeleton frame, and an exterior wall construction secured to the skeleton frame and comprising a layer of wood panel board with an exterior layer of finishing fabric stretched thereover and secured under tension thereon by fastening means applied only adjacent the peripheral edges of the finishing fabric.

1,641,320. BREAKING HEAD FOR PIPE AND SEWER RODS. ALLAN J. COLEMAN, Chicago, Ill. Filed Mar. 17, 1924. Serial No. 699,961. 1 Claim. (Cl. 137—70.)



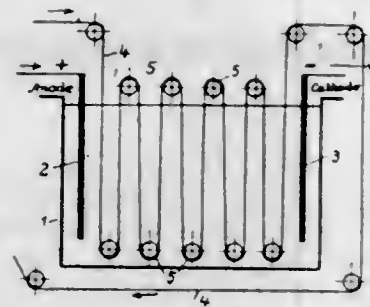
A pipe cleaning device comprising a flat resilient rod, and a head hinged to said rod, so as to be capable of swinging movements about an axis at right angles to the flat faces of the rod and be held against movements in other directions relatively to the rod, said head being tapered toward its outer end and having longitudinal peripheral ribs.

1,641,321. ROTARY DRILL BIT. JAMES R. CUBLEY, Empire City, Okla. Filed Jan. 12, 1923. Serial No. 612,237. 2 Claims. (Cl. 255—69.)



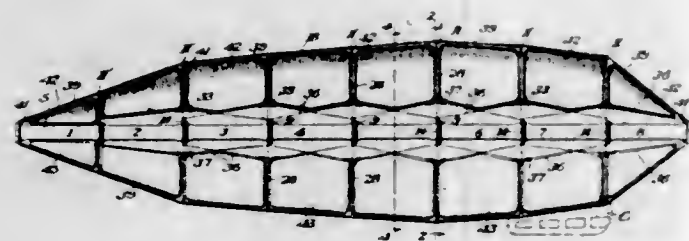
1. A drill bit including a head portion and a shank, said head portion provided with a single channel on either side thereof, said channels extending substantially longitudinally of the head, flukes forming said channels, the sides of the flukes forming the walls of the channels being helical surfaces with constantly increasing outward flare until merging into substantial coincidence with the channel bottoms, at the top of the head, thereby increasing the cross-sectional area of the channels.

1,641,322. PROCESS FOR THE PRODUCTION OF FILM-LIKE BANDS FROM CELLULOSE SOLUTIONS AND SIMILAR INITIAL MATERIALS. EMIL CZAPEK and RICHARD WEINGAND, Bomlitz, near Walsrode, Germany. Filed Jan. 15, 1926, Serial No. 81,557, and in Germany Oct. 15, 1921. 6 Claims. (Cl. 204-1.)



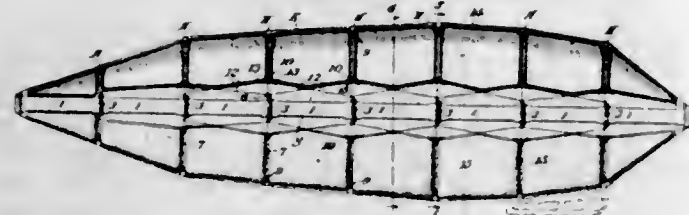
5. The method of making film-like bands from cellulose solutions which contain inorganic electrolytes, which consists in passing an electric current through a precipitating bath, passing a carrier having a film of cellulosic material on one of its surfaces between electrodes in said bath, moving said carrier at such speed that the alkaline, neutral and acid portions of the bath act upon the film progressively, said film of cellulosic material also being affected by a dye incorporated with the bath.

1,641,323. AIRSHIP. FERNAND E. D'HUMY, Englewood, N. J. Filed Nov. 18, 1925. Serial No. 69,833. 27 Claims. (Cl. 244-3.)



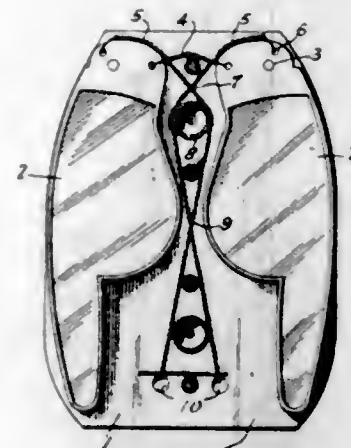
1. An airship structure comprising a longitudinally extending compression member; a plurality of annular compression members encircling said longitudinal compression member and spaced along it; transverse tension members yieldably supporting the longitudinal compression member within the said annular members; and longitudinally extending tension members connecting the annular members to each other and to the ends of the longitudinally extending compression member, the said longitudinally extending tension members being connected to the annular members at points spaced therearound and being longitudinally resilient.

1,641,324. AIRSHIP. FERNAND E. D'HUMY, Englewood, N. J. Filed Mar. 18, 1926. Serial No. 95,643. 20 Claims. (Cl. 244-3.)



1. An airship structure comprising an elongated yieldable and resilient frame; and a longitudinally yieldable and resilient metal envelope enclosing said frame.

1,641,325. AUTOMOBILE SAFETY SIGNAL. OSCAR FAIRLESS, Blackfoot, Idaho. Filed Oct. 4, 1926. Serial No. 139,538. 1 Claim. (Cl. 116-52.)

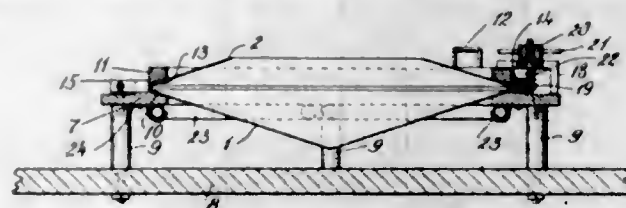


A signal of the class described comprising a casing, a pair of arms pivoted in the upper portion of the casing, spring means connected with the arms to normally hold said arms inwardly of the casing, cables connected to said arms, for swinging said arms outwardly of the casing to signalling positions, said cables crossing each other, a member projecting through the casing and over which said cables pass, said cables crossing each other a second time, and being extended through openings in the bottom portion of the casing.

1,641,326. PROCESS OF REMELTING CHROMIUM STEEL SCRAP. WALTER M. FARNSWORTH, Canton, Ohio, assignor to Central Alloy Steel Corporation, Massillon, Ohio, a Corporation of New York. Filed Aug. 24, 1926. Serial No. 131,312. 8 Claims. (Cl. 75-45.)

1. In a process of remelting high chromium, low carbon, steel scrap, to obtain a product having substantially the same chromium and carbon content as the initial scrap, the step which consists in adding an amount of ferrosilicon to the charge at the beginning of the melting down period, which is sufficient to prevent the absorption of carbon in the bath during the melt-down by the maintenance of strongly reducing conditions.

1,641,327. APPARATUS FOR MAKING CONICAL DIAPHRAGMS. CLAIR L. FARRAND, Forest Hills, N. Y., and ERNEST ROSS, East Orange, N. J.; said Ross assignor to Farrand Mfg. Co. Inc., Long Island City, N. Y., a Corporation of New Jersey. Filed Nov. 5, 1926. Serial No. 146,354. 14 Claims. (Cl. 93-1.)

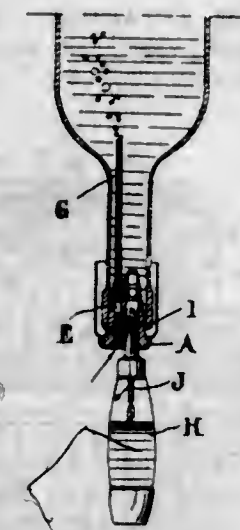


1. Apparatus for use in the manufacture of double-cone diaphragms comprising two members at least one of which is removable with respect to the other, each of said members having a beveled surface forming between them an annular opening converging towards its periphery for accommodating the angular edge portion of the double-cone diaphragm, and means for supplying heat to the diaphragm parts while held between said members.

1,641,328. DOSING FLASK. JULES ALFRED FERDINAND, Paris, France. Filed May 29, 1926, Serial No. 112,668, and in France June 6, 1925. 1 Claim. (Cl. 215-58.)

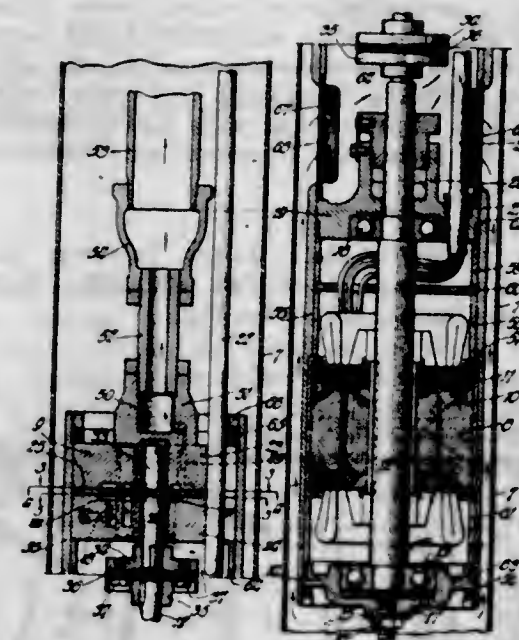
A glass dosing flask for withdrawing a predetermined quantity of liquid from an invertible container for the liquid having a stopper provided with an outlet passage,

such flask being normally separated from the stopper and having a tapered, open-ended nozzle for insertion in the outlet passage in the stopper when the container is tilted while the flask itself is maintained upright, and also having an air exhaust opening in the upper part of



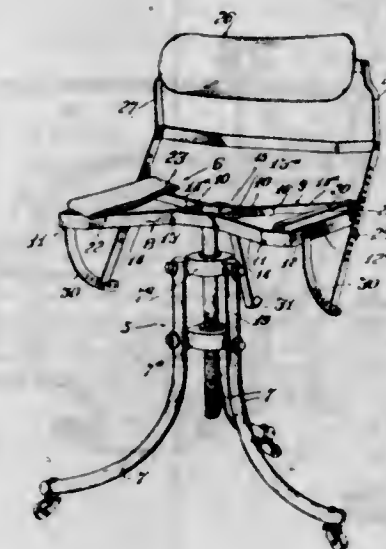
its body adjacent such nozzle which is left uncovered during the operation of filling the flask but is adapted to be closed by a finger of the person holding the flask when the desired quantity of liquid has flowed into the flask so as to shut off further flow.

1,641,329. WELL-PUMPING APPARATUS. JOHN B. HAWLEY, Jr., Minneapolis, Minn., assignor to Hawley Inventions, Incorporated, Minneapolis, Minn., a Corporation of Delaware. Filed Feb. 15, 1926. Serial No. 88,238. 2 Claims. (Cl. 103-87.)



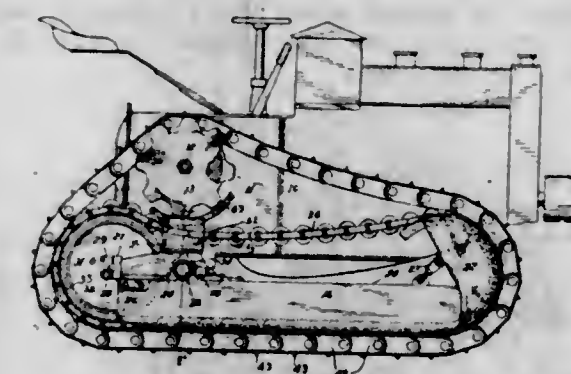
1. A well pumping unit comprising in combination a cylindrical shell of proper size to set down into a well casing and allow free circulation of oil between the shell and the well casing, a motor element in the lower end of the shell, a pumping unit in the upper end of the shell, suitable driving connections within the shell and between the motor and pumping elements, there being an opening in the shell for the admission of liquid to the inlet side of the pumping element, and a suitable discharge connection from the discharge side of the pumping element, together with means for retaining the motor and pumping elements separated from each other within the shell, and means for forcing the motor and pumping elements against said separating means, substantially as described.

1,641,330. SEAT FRAME FOR CHAIRS OR STOOLS AND THE LIKE. FREDERICK HAGGER HEADLEY, Northfield, near Birmingham, England. Filed Aug. 7, 1924, Serial No. 730,575, and in Great Britain Jan. 12, 1924. 5 Claims. (Cl. 155-194.)



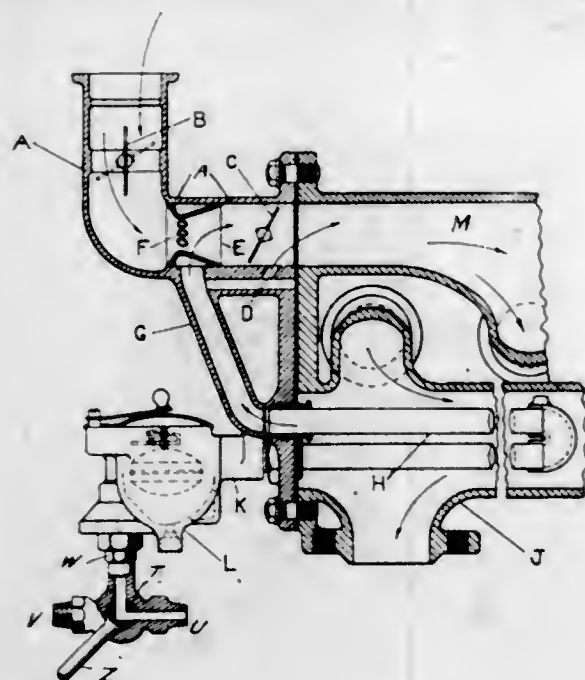
1. A seat frame for chairs or stools and the like comprising front and rear frame members, said members including end parts which are bent at an angle thereto and are secured together to provide the side members of the frame, the middle parts of said front and rear frame members being offset inwardly toward but being spaced from each other, brace members parallel with the side members of the frame for connecting said inwardly offset parts together to provide a smaller and secondary frame, and a plate member secured in said secondary frame.

1,641,331. TRACKLAYING TRACTOR. JAMES E. HEASLET, Cleveland, Ohio, assignor to The Cleveland Tractor Company, Euclid, Ohio, a Corporation of Ohio. Filed July 21, 1925. Serial No. 45,034. 4 Claims. (Cl. 305-4.)



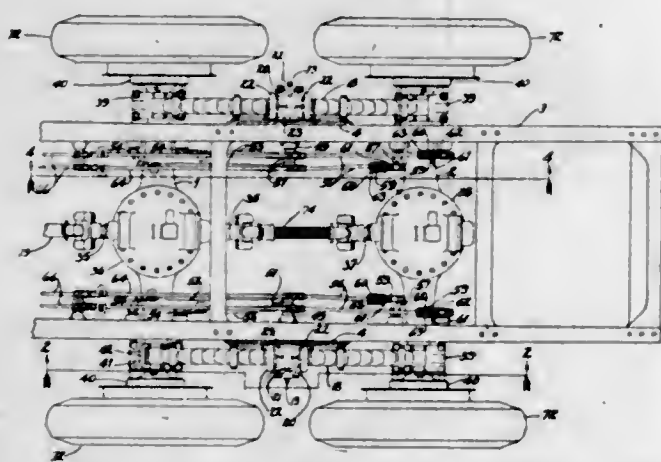
4. In a tractor, a main frame, a truck frame secured to each side of said main frame, driving sprockets supported by each side of said main frame above said truck frames, idler wheels at the rear end of each truck frame below said driving sprockets, shoes disposed below said driving sprockets, endless tracks extending around each of said truck frames and over said driving sprockets on each side of said main frame, endless roller bearing chains intermediate each of said truck frames and the surrounding tracks and disposed about the idler sprockets, said shoes comprising arcuate-shaped channelled plates secured to the truck frames and disposed about the lowermost portion of the driving sprockets, each of said roller chains being shunted below and between the driving and idler sprockets by said shoes.

1,641,332. CARBURETING DEVICE. GEORGE M. HOLLEY, Detroit, Mich. Filed Sept. 4, 1920. Serial No. 408,351. 2 Claims. (Cl. 48-180.)



1. In a vaporizer for internal combustion engines, a mixing chamber for mixing highly heated rich mixture of hydrocarbon vapor and air with cold air, a cold air entrance, an outlet which is controlled by a butterfly throttle, a venturi passage in the rear of said throttle, a constant level fuel supply chamber, a fuel nozzle supplied therefrom, an exhaust heated passage communicating with the atmosphere into which said fuel nozzle discharges, an exhaust pipe surrounding said passage, said passage being connected to a hydrocarbon vapor passage cast integrally with the mixing chamber, said vapor passage having one outlet in the Venturi tube and a second outlet located near the said throttle valve and on the downstream side thereof.

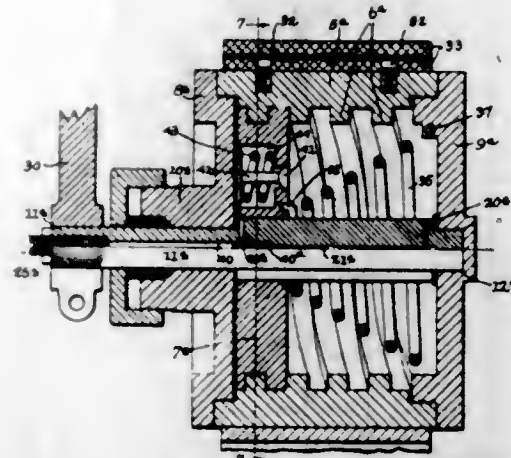
1,641,333. VEHICLE CONSTRUCTION. GEORGE B. INGERSOLL, Dearborn, Mich., assignor, by mesne assignments, to Federal Motor Truck Company, Detroit, Mich. Filed July 23, 1926. Serial No. 124,419. 16 Claims. (Cl. 180-22.)



1. In a vehicle driving truck comprising a plurality of driven axles each provided with a housing, a shackle pivotally mounted on each of the said housings, a vehicle frame, a plurality of brackets suitably mounted on the said frame, a trunnion shaft suitably mounted in the said frame brackets, a plurality of supporting springs mounted on and adapted to oscillate on the said trunnion shafts, one of each pair of the said supporting springs being

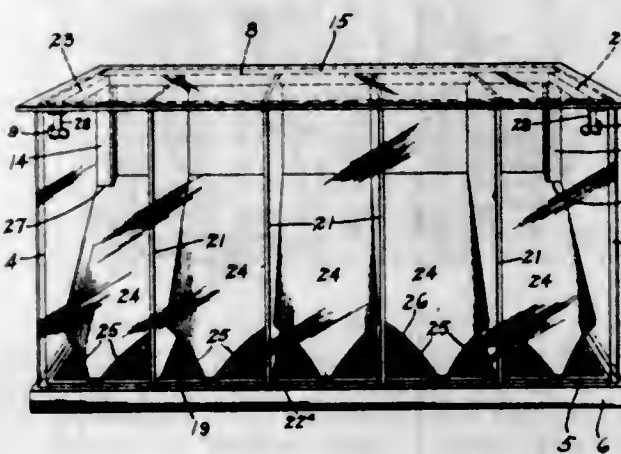
pivotally connected at its ends to the ends of the said housings and one of each pair of the said supporting springs being pivotally connected, at its ends, to the said shackle and to the ends of the said housings.

1,641,334. REBOUND RETARDER. JAMES B. KIRBY, West Richfield, Ohio. Filed Feb. 25, 1924. Serial No. 694,898. 4 Claims. (Cl. 267-8.)



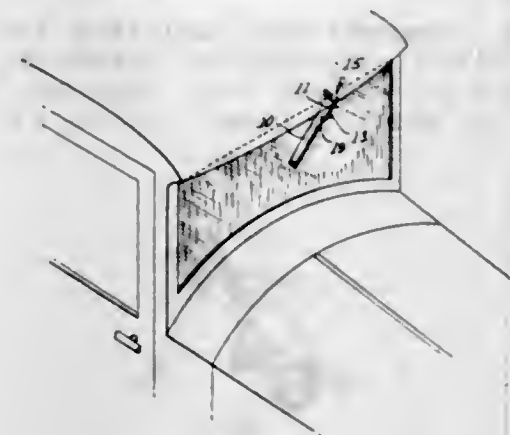
1. In a device of the character described, a hollow internally threaded, liquid containing casing having liquid-tight heads, a shaft journaled axially within said casing, a plunger threaded in said casing and apertured for said shaft, the shaft and plunger having interfitting provisions whereby relative sliding is permitted and screwing of the plunger along the casing is compelled, means for attaching said casing and shaft, the one to the body and the other to an axle of a vehicle, said means including a strap whereby relative movement between said casing and shaft is caused in one direction, means including a spring for causing relative movement of said casing and shaft in the opposite direction, and a one way valve adapted automatically to establish free communication between the ends of said casing while said plunger is being moved by said spring and to restrict said communication at other times.

1,641,335. SHOW CASE. JAMES CLIFFORD JOHNSON, Minneapolis, Minn. Filed Jan. 19, 1925. Serial No. 3,392. 4 Claims. (Cl. 211-25.)



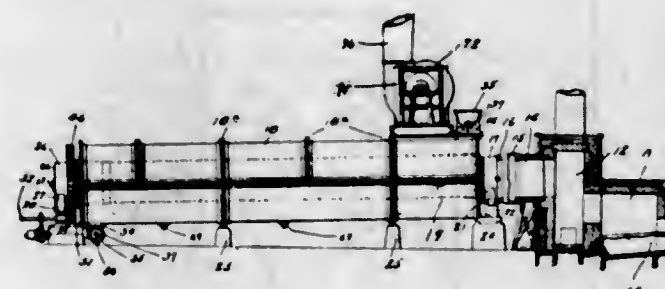
1. A show-case comprising a base, upright transparent side and end walls mounted thereon, corner braces fitting the angle of the side and end walls for securing them together, a cover or top plate resting upon said walls, depending hooks supported by the forward under portion of said cover, each having a horizontal foot adapted to slide under the lower edge of a corner brace to prevent the forward portion of said cover from being lifted, but adapting the rear side of said cover to be raised and moved horizontally to disengage said feet from said braces.

1,641,336. WINDSHIELD CLEANER. THEODORE B. KLAPPER, Garden City, N. Y. Filed May 3, 1927. Serial No. 188,436. 6 Claims. (Cl. 15-255.)



1. A wind-shield cleaner comprising an insulating body having spaced apart flanges, heater members mounted in said flanges adjacent the outer surfaces thereof and a wiper element mounted in said body between said flanges and thermally and electrically insulated from said heater elements.

1,641,337. DRIER. GUSTAV KOMAREK, Chicago, Ill., assignor to Malcolmson Engineering and Machine Corporation, St. Louis, Mo., a Corporation of Missouri. Filed Feb. 12, 1924. Serial No. 692,209. 26 Claims. (Cl. 34-3.)



1. The combination of a source of heat, a rotatable drying cylinder, a tubular stationary housing enclosing said cylinder and spaced therefrom to provide an annular drying chamber, a heat tempering chamber communicating with said source of heat, and detachable tubular connections between said mixing chamber and one end of said rotatable cylinder for conducting the heating medium from said heat tempering chamber into said cylinder.

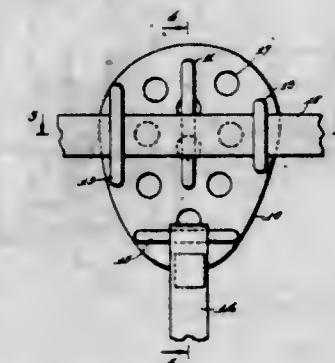
1,641,338. LOCK. SHURE LARSON, Norway, Iowa. Filed Apr. 5, 1924. Serial No. 704,405. 3 Claims. (Cl. 70-75.)



1. In a lock, a casing, a plate slidably mounted in said casing and having its end edges perpendicularly disposed to its bottom edge and its top edge obliquely disposed in

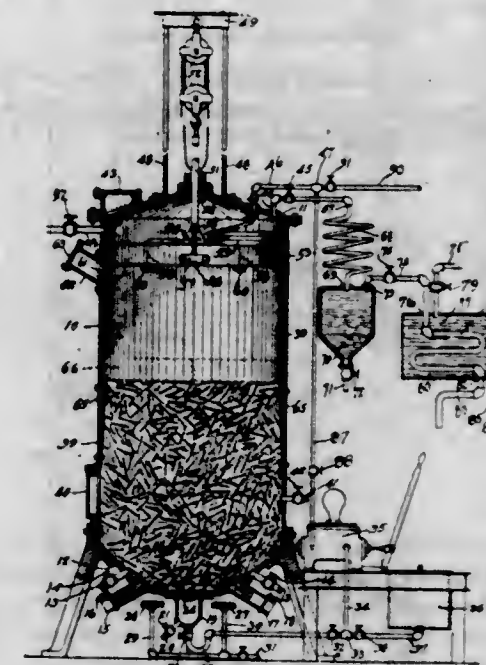
relation to the other edges so as to slant downwardly and rearwardly, said upper edge of the plate being provided with a notch, a bolt in the casing having a detent engageable in the notch, the bottom of said casing being provided with a pair of spaced openings, a detent on the rear end of the plate engageable in said openings, said plate provided with a notch for the reception of a key in order that the rear end thereof may be lifted to release the detent on the plate from the opening and to slide the plate for moving the bolt.

1,641,339. TRUSS. DANIEL O'BRIEN, Punta, San Juan, Cuba. Filed Nov. 12, 1925. Serial No. 68,666. 1 Claim. (Cl. 128-112.)



A truss pad having a bearing member projecting at the back thereof, loops at the sides of said member, and a belt passing through said loops and over said member to exert pressure on the pad, said bearing member projecting rearwardly beyond the plane of said loops to form a bend in the belt at the bearing member for obtaining effective pressure.

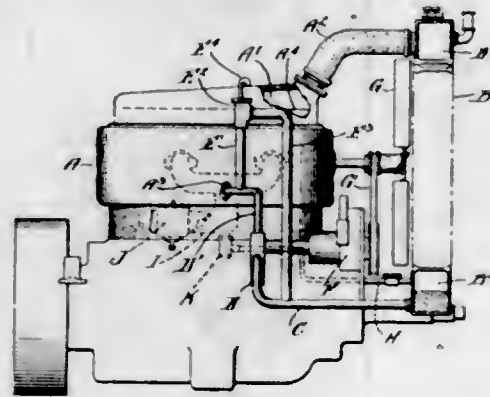
1,641,340. APPARATUS FOR PRODUCING LIVESTOCK FEEDS. CHARLES R. MABEE, Buffalo, N. Y., assignor to Mabee Patents Corporation, Dover, Del., a Corporation of Delaware. Filed Jan. 14, 1921. Serial No. 437,310. 1 Claim. (Cl. 99-2.)



Apparatus for the preparation of feeding materials including, in combination, a vertical container substantially closed at both its ends, means adjacent the top of the container to permit the introduction therein of materials for treatment, means adjacent the bottom of the container to permit the withdrawal of materials therefrom, said container being formed with an opening in

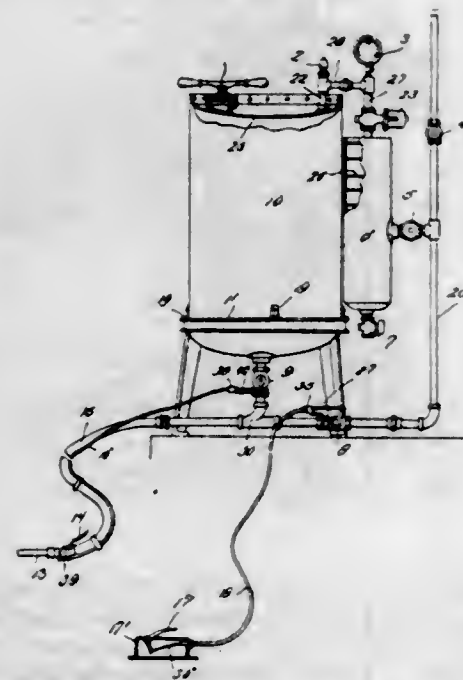
the top thereof to permit the introduction therein of a liquid treating medium, a compression plunger disposed across said container, means carried by said plunger for spraying the treated medium upon materials in said container, and a flexible connection between said opening and said sprayer.

1,641,341. VALVE MECHANISM FOR ENGINE-COOLING SYSTEMS. HARRY C. MALLORY, New York, N. Y.; Sue R. Mallory administratrix of said Harry C. Mallory, deceased. Filed May 26, 1923. Serial No. 641,541. Renewed Feb. 4, 1927. 6 Claims. (Cl. 123-174.)



6. In an internal combustion engine provided with a cooling system of the boiling and condensing type and a suction intake connection from the carburetor to the combustion space of the engine, the improvement which consists in a chambered member mounted in the bottom wall of said intake connection and comprising two chambers one above the other and connected by a restricted port, and provided with a port at the top of the upper chamber opening into the intake connection, a check valve preventing flow out of the intake connection through said port and provided with a port opening through the bottom wall of the lower chamber to the atmosphere, a loaded valve controlling said port and opening and closing accordingly as the excess of the atmospheric pressure over the pressure in the lower chamber rises above or falls below a predetermined value, and a conduit connection from said lower chamber to the vapor space of said cooling system.

1,641,342. SAND-BLAST SYSTEM. WILLIAM C. MAUNEY and WILLIAM L. DUNN, Gastonia, N. C. Filed Mar. 30, 1925. Serial No. 19,355. 2 Claims. (Cl. 51-8.)



1. A sand blast system including among other elements a sand tank, an air line, an injector associated with the air line and the sand tank, a nozzle, a valve

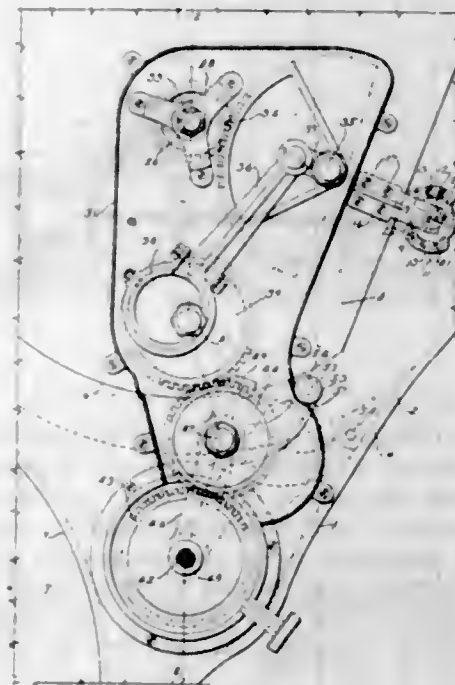
between the injector and the said tank, a second valve in the air line, foot operated means for the second valve, and hand operated means for the first valve on the nozzle.

1,641,343. TEMPERATURE INDICATOR AND TIME-INDICATING ATTACHMENT THEREFOR. JAMES W. MAYNARD, Memphis, Tenn. Filed Jan. 9, 1926. Serial No. 80,233. 2 Claims. (Cl. 58-1.)



2. A time indicating attachment for thermometers comprising a base adapted to be attached to a thermometer, a frame carried by the base, and a sand glass pivotally mounted in said frame.

1,641,344. WASHING MACHINE. CHARLES MCLEAN, Berkeley, Calif. Filed Feb. 25, 1926. Serial No. 90,516. 5 Claims. (Cl. 74-14.)

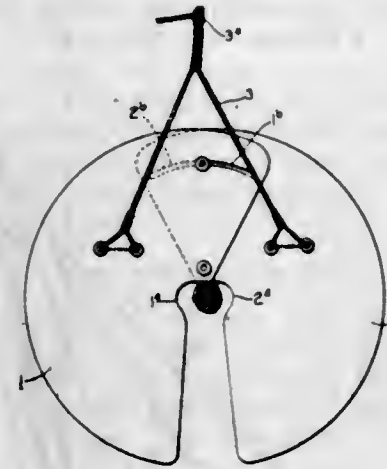


1. In combination, two revolvable gear wheels, a hinged support for one of them allowing the latter to be swung into the plane of the former in spaced relation thereto, a third gear wheel, and pivoted supporting means for the latter allowing the same to be swung into meshing relation with the former two gears and having means associated therewith for locking the hinged support while the gears are in mesh.

1,641,345. RAT GUARD. WILLIAM A. MEAD, Los Angeles, Calif. Filed Aug. 9, 1926. Serial No. 128,011. 10 Claims. (Cl. 114-221.)

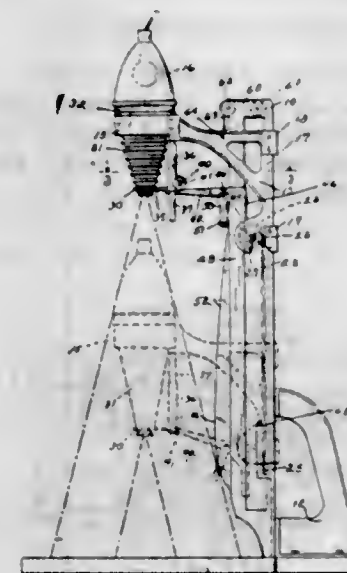
1. In a rat guard, a pair of metallic plates pivotally connected together and provided with extended overlapping portions at their normally lower inner sides

when positioned on the ship's hawser, each plate provided with an approximately central opening to receive said ship's hawser, the walls surrounding said openings forming narrow bearing portions for engaging said hawser whereby said rat guard will automatically main-



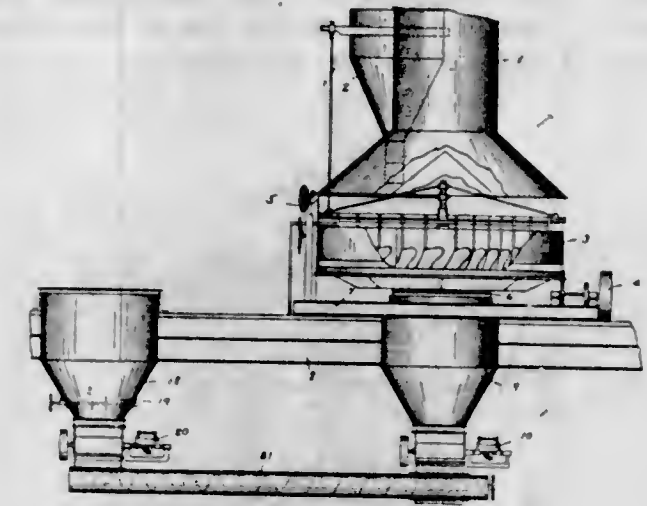
tain a vertical closed position on the ship's hawser regardless of the angle of the ship's hawser, and cord means secured to each of said plates intermediate its sides for lowering and raising said rat guard to and from said ship's hawser and for opening the same when raising it from the hawser.

1,641,346. PHOTOGRAPHIC ENLARGING APPARATUS. ROBERT E. MEYER, Milwaukee, Wis. Filed May 28, 1926. Serial No. 112,233. 11 Claims. (Cl. 88-24.)



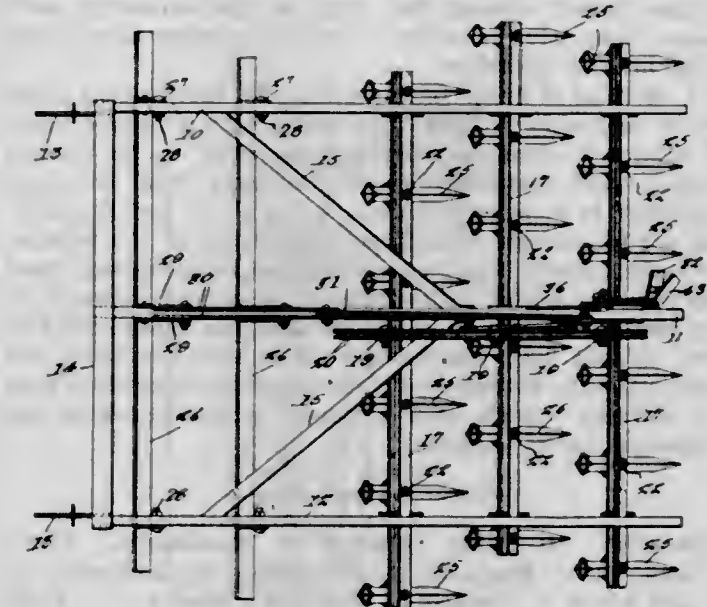
8. Photographic enlarging apparatus comprising the combination with a support, of a projector carriage movably mounted thereon, an auxiliary lens holder carrier, means for actuating the same along said support at a constant speed greater than that of the projector carriage, a lens holder movably supported from the auxiliary carrier, and means for imparting a variable motion to the lens holder, supplemental to the rate of travel of the auxiliary carrier.

1,641,347. HYDRATOR. HUGH MISCAMPBELL, Duluth, Minn. Filed Dec. 20, 1923. Serial No. 681,717. 1 Claim. (Cl. 83-73.)



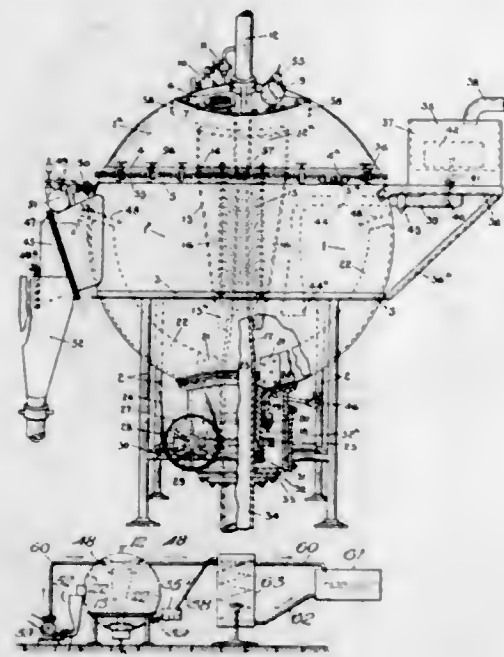
The combination with a lime hydrator, of means directly associated therewith whereby either finished dry mortar or dry hydrated lime may be continuously supplied from said means, and a pulverizer intermediate of the mortar and hydrator discharges.

1,641,348. DRAG. ISAAC C. MOORE, Cleo Springs, Okla. Filed Nov. 27, 1925. Serial No. 71,772. 1 Claim. (Cl. 55-103.)



A drag frame having tooth bars, a handle member carried by the frame provided with an offset portion adjacent one end, a U-shaped member carried upon the offset portion of the lever and operatively connected with the tooth bars, ears carried by the handle members disposed in spaced relation, a U-shaped locking dog provided with reduced extensions pivotally mounted at an intermediate point in its length on and between the ears for rocking movement, an apertured segment mounted upon the drag frame and slidably located between the offset portion of the lever and the U-shaped member in the path of movement of one of the extensions, and a spring carried by another of the extensions adapted to normally hold the first mentioned extension in engagement with the segment.

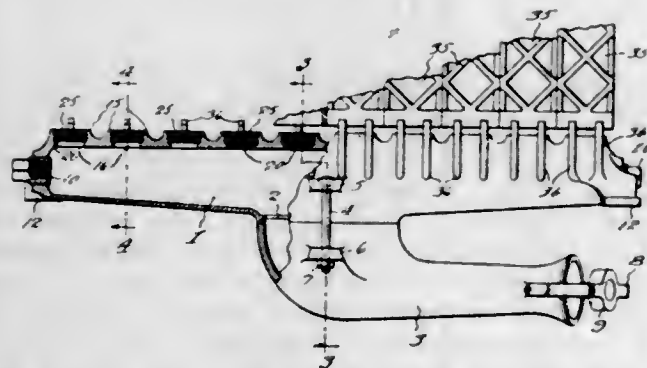
1,641,349. METHOD OF DEODORIZING, COOLING, AND DEHYDRATING FLUIDS AND APPARATUS THEREFOR. HENRY LAMONT MURRAY, Somerstown, Auckland, New Zealand, assignor to The Te Aroha Dairy Company Limited, Te Aroha, New Zealand. Filed Mar. 7, 1924, Serial No. 697,683, and in New Zealand Aug. 14, 1923. 4 Claims. (Cl. 159-2.)



2. The apparatus for the purpose set forth comprising a container, means for creating a vacuum in said container, means for introducing a hot fluid into said container, means for automatically intermittently discharging said fluid from said container whilst retaining said vacuum, means for continuously discharging vapor removed from said fluid and means for swirling the fluid to and round and up the walls of the container, said means comprising a series of sweeps working around the walls of said container.

4. Method of deodorizing cooling and dehydrating fluids which comprises reducing the pressure to a desired point in a closed container, heating the fluid to be treated outside said container, introducing said fluid into said container at a regulable rate, cooling all of and vaporizing portion of said fluid in said container by the reduced pressure therein, applying centrifugal force to said fluid whereby the denser portion thereof is swirled outwards to the wall of the container, discharging the vaporized portion of said fluid continuously from said container and intermittently automatically releasing the remaining fluid for delivery outside said container whilst retaining the reduced pressure therein.

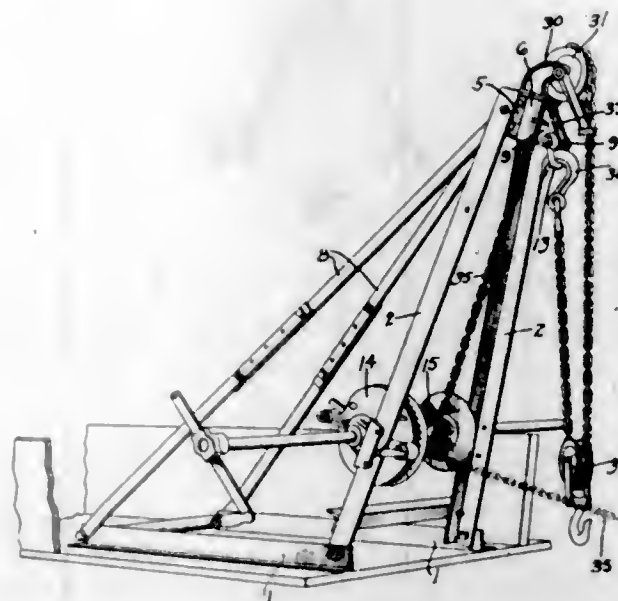
1,641,350. BURNER. FRANK A. NIEBERDING, Cleveland, Ohio; Margaret H. Nieberding administratrix of said Frank A. Nieberding, deceased. Filed Nov. 3, 1923. Serial No. 672,481. 6 Claims. (Cl. 158-104.)



1. A gas burner comprising a hollow body having a gas admitting opening and a plurality of gas emitting passageways, the outlet ends of the passageways being of

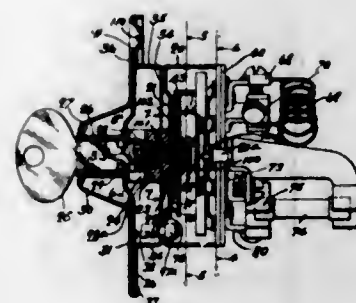
substantially uniform size while the inlet ends of the respective passageways, as the passageways progress away from the region of the gas admitting opening, become gradually larger.

1,641,351. CRANE. LEONARD D. NILSON, Wayzata, Minn., assignor to Marquette Manufacturing Company, St. Paul, Minn., a Corporation of Minnesota. Original application filed Nov. 2, 1923, Serial No. 66,308. Divided and this application filed July 6, 1926. Serial No. 120,779. 8 Claims. (Cl. 254-145.)



1. A winding apparatus comprising a chain and a drum whereon it is wound, a sheave for said chain, a supporting member for said sheave having a cylindrical portion through which said chain passes, a head adapted to rotatably receive said cylindrical portion, said head and said cylindrical portion having elongated openings normally oppositely arranged but adapted to be aligned to permit the chain to be passed therethrough to separate it from said sheave and supporting member.

1,641,352. ELECTRIC SWITCH. HARRY E. NORVIEL, Anderson, Ind., assignor, by mesne assignments, to Delco-Remy Corporation, Dayton, Ohio, a Corporation of Delaware. Filed Jan. 20, 1926. Serial No. 82,453. 6 Claims. (Cl. 200-44.)



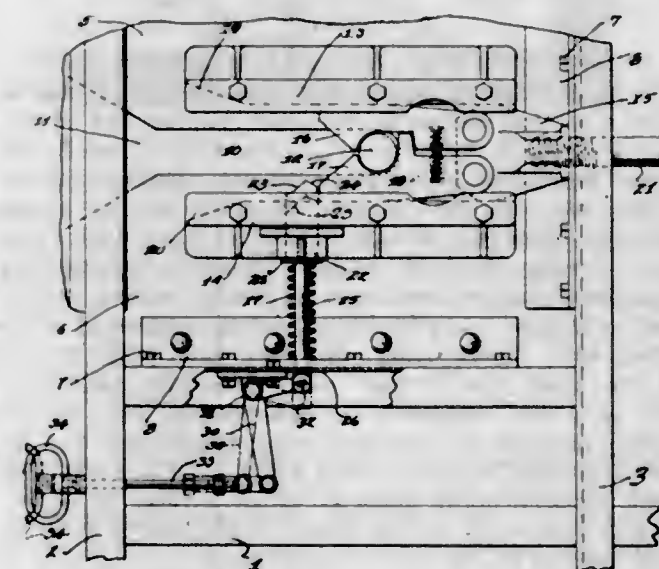
1. An electric switch comprising, in combination, a case having an apertured end wall, stationary contacts insulatingly supported by the case, movable contacts rotatable within the case, a shaft extending through said apertured wall and operatively connected within the case with the movable contacts, and provided outside of the case with a key-receiving recess, an index plate attached to the case and having a bearing in alignment with said shaft, and a key-receiving barrel supported by said bearing.

1,641,353. ELECTRICAL HAIR WAVING AND CURLING DEVICE. ROSE L. OPPER and JOHN M. OPPER, Omaha, Nebr. Filed Sept. 20, 1926. Serial No. 136,469. 2 Claims. (Cl. 219-24.)



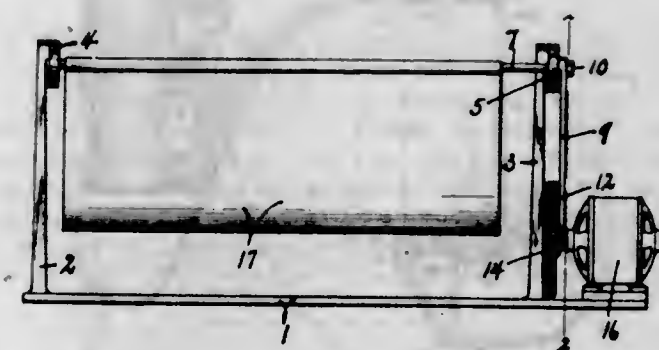
1. A hair waving and curling device comprising a metallic casing for supporting the hair provided with grooves in its opposed sides, an electric heating element disposed in said casing, and a clamp of loop form mounted to swing from the casing for pressing the hair into said grooves of the casing.

1,641,354. LOCKING DEVICE FOR SEMITRAILERS. FREDERICK MALCOLM REID, Detroit, Mich., assignor to Fruehauf Trailer Company, Detroit, Mich., a Corporation of Michigan. Filed July 9, 1926. Serial No. 121,288. 8 Claims. (Cl. 280-33.1.)



1. In a semi-trailer, a locking device for locking the semi-trailer to a tractor, a latch holding the locking device in locking position, means for retracting the latch, and a catch for maintaining the latch in retracted position, said catch being automatically released when the lock disengages the tractor.

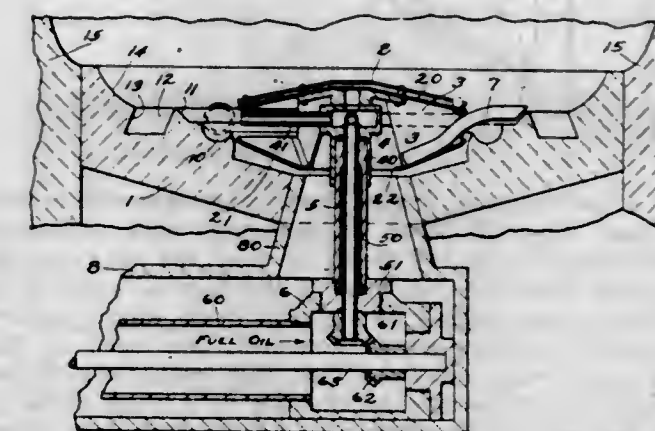
1,641,355. EXERCISING APPARATUS. GEORGE A. REYNOLDS, Syracuse, N. Y. Filed Mar. 12, 1925. Serial No. 14,959. 3 Claims. (Cl. 128-33.)



1. An exercising apparatus comprising a pair of pivoted cross-bars, a pair of spaced side bars connected at their opposite ends to respective cross-bars to form a substantially rectangular structure, a flexible fabric of considerably greater length than the distance between said

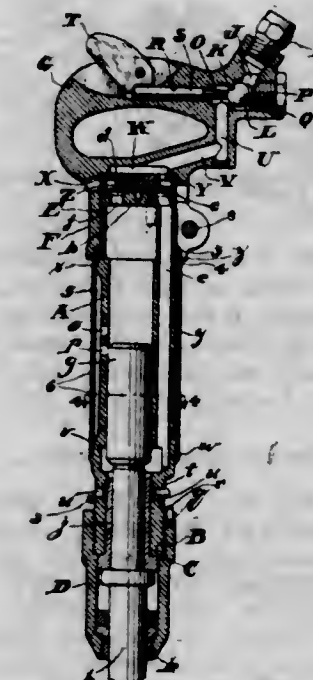
cross-bars and having one end connected to one side bar and its other end connected to the other side bar, and means for rocking the cross bars to alternately raise and lower the opposite side bars.

1,641,356. OIL BURNER. THOMAS W. ROACH, Seattle, Wash. Filed Aug. 27, 1926. Serial No. 131,963. 7 Claims. (Cl. 158-77.)



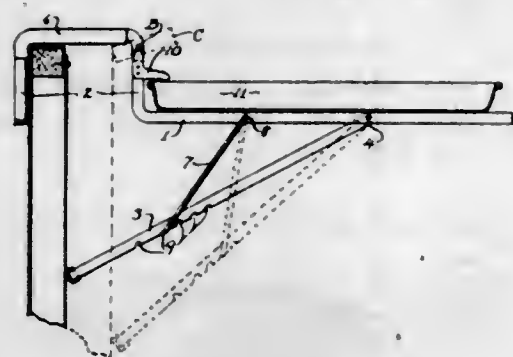
1. An oil burner comprising a rotative distributor, a fire grate surrounding said distributor and having an up-standing circular flange positioned to receive the discharge from said distributor against its inner face, a depressed channel just without said flange and a wall just outside of said channel and extending upwardly therefrom.

1,641,357. PNEUMATIC TOOL. FRED M. SLATER, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J., a Corporation of New Jersey. Filed June 26, 1926. Serial No. 118,733. 3 Claims. (Cl. 121-35.)



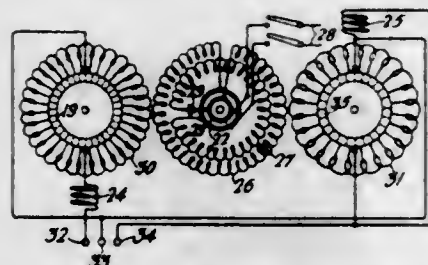
1. In a pneumatic tool, the combination of a cylinder having a free exhaust port, a sleeve around the cylinder forming a chamber to receive the exhaust pressure fluid from the cylinder, said sleeve having ports in staggered relation to the exhaust port for the escape of pressure fluid from the chamber to the atmosphere, clips formed on one end of the sleeve, a handle for the cylinder, an extension on the handle adapted to be secured to the cylinder and to clamp the clips against the cylinder for holding the sleeve in assembled relation with respect to the cylinder.

1,641,358. REFRESHMENT-SERVING RACK. CLYDE N. SMYER, Wichita, Kans. Filed May 17, 1924. Serial No. 714,089. 1 Claim. (Cl. 43-31.)



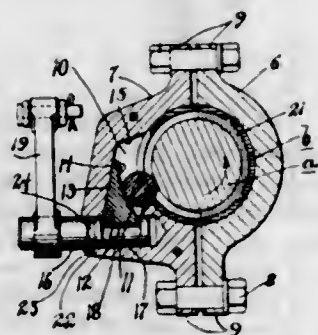
In a refreshment serving tray, a rectangular frame, the ends of which form a rectangular hook extending above the plane of the frame so that the tray will be supported below the top edge of the door to which it is attached, rubber tubing on the said hook, safety catches and ticket clamping means combined, positioned on the right angle bend adjacent to the tray supporting frame, the said safety catches functioning as a stop engaging over the edge of the tray, preventing said tray from tilting, a U shaped brace and a U shaped ball pivoted to the rectangular frame so that the folding thereof will position them in alignment with the said rectangular frame, a rubber tubing on the end of said brace engaging on the plane of the door, all for the purpose described.

1,641,359. DYNAMO-ELECTRIC MACHINE. HUGH M. STOLLEN, Mountain Lakes, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed May 31, 1922. Serial No. 564,680. 9 Claims. (Cl. 171-123.)



9. A synchronous dynamo electric machine comprising an armature, a winding on said armature, slip rings connected to said winding, a field structure for said machine, a series aiding field winding and a shunt opposing field winding, said shunt winding being adapted to prevent the establishment of a field flux when said shunt winding alone is excited.

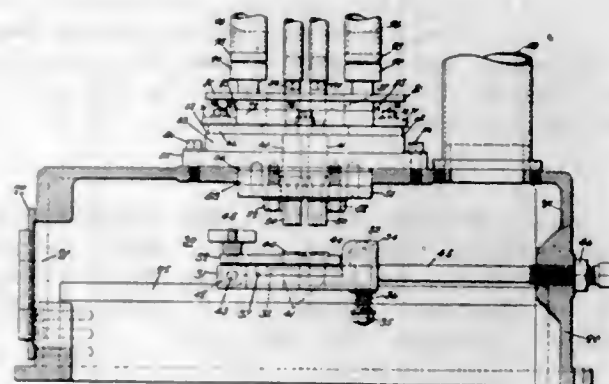
1,641,360. MEANS TO PREVENT REVERSE ROTATION OF A ROTARY MEMBER. ROBERT LEE WALLACE, Los Angeles, Calif. Filed Feb. 25, 1926. Serial No. 90,511. 7 Claims. (Cl. 188-30.)



1. A means of the character described, comprising a chambered member, a dog in the chamber, and manually operated means cooperating with a wall of the chamber

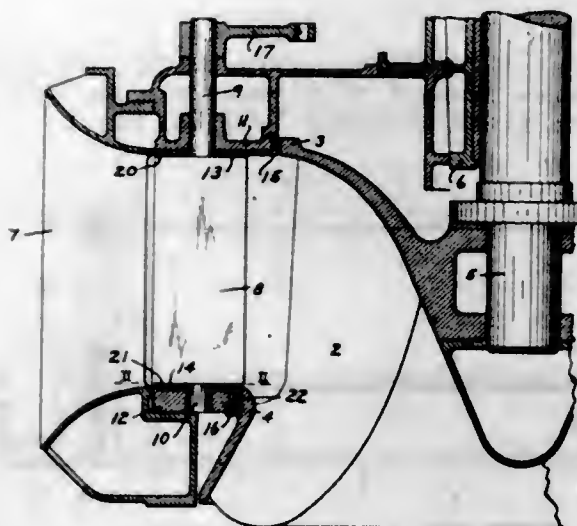
to force the dog upwardly and inwardly into engagement with a rotary member adjacent to the chamber to prevent rotation of said member in one direction, the dog being self-retracting when said means are retracted.

1,641,361. ABRADING APPARATUS. JAMES WHALEN, Dayton, Ohio, assignor, by mesne assignments, to Delco-Remy Corporation, Dayton, Ohio, a Corporation of Delaware. Filed Sept. 1, 1925. Serial No. 53,797. 7 Claims. (Cl. 51-S.)



7. Glass perforating apparatus comprising in combination, a frame provided with an opening; a bracket having a portion insertable into said opening and adapted to be secured to said frame; a plurality of sand blast nozzles supported in properly spaced relation by said bracket; air and sand mixing chambers in the bracket each communicating with a nozzle; a sand duct in the bracket leading to each of said chambers, respectively; an air duct in the bracket respectively leading to each of said chambers; a plurality of valves supported by the bracket said valves being operable individually to control the sand flow through each respective sand duct; valve members supported on the bracket and simultaneously operable for concurrently controlling the flow of sand through all of the sand ducts; and a work holder having opposite walls between which a sheet of glass is retained, said walls having aligned holes spaced according to the spacing of the sand blast nozzles.

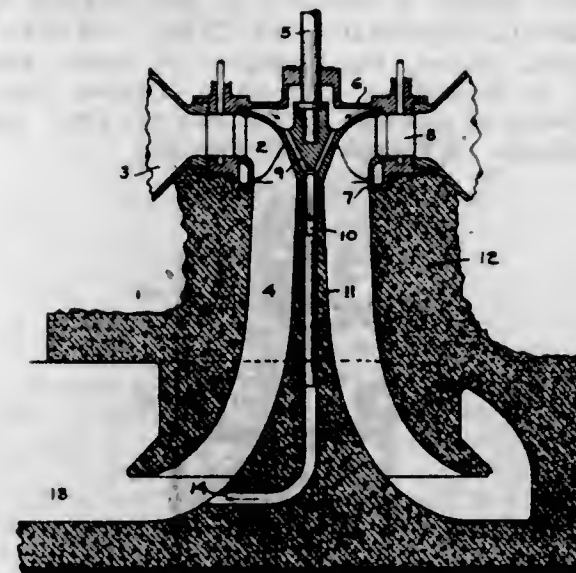
1,641,362. WEARING PLATE FOR HYDRAULIC MACHINES. WILLIAM M. WHITE, Milwaukee, Wis. Filed June 5, 1926. Serial No. 113,908. 12 Claims. (Cl. 253-122.)



1. In combination, a rotor, a casing forming a fluid conducting conduit communicating with said rotor, an annular series of segment shaped plates providing a

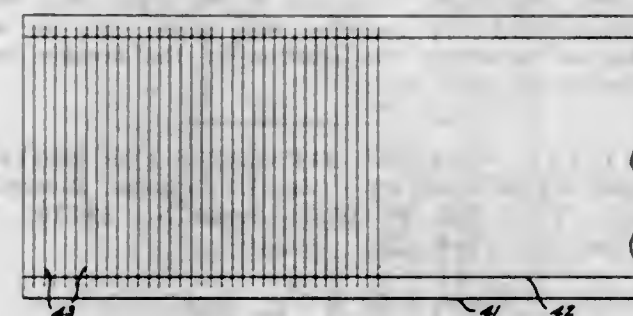
lining for said casing adjacent to said conduit, and means cooperable with the adjacent ends of two of said plates for forcing adjoining ends of other of said plates into intimate contact with each other.

1,641,363. HYDRAULIC TURBINE. WILLIAM M. WHITE, Milwaukee, Wis. Filed June 17, 1926. Serial No. 116,552. 6 Claims. (Cl. 253-117.)



1. In combination, a casing, a rotor within and cooperating with said casing to form a running joint, an annular draft tube having an inlet portion communicating with said rotor and having a discharge portion communicating with a tail-race, and means disposed centrally of said draft tube for conducting leakage fluid from said joint into said draft tube discharge portion in proximity to said tail-race.

1,641,364. INDUCTION COIL. CHARLES E. WILSON, Anderson, Ind., assignor, by mesne assignments, to Delco-Remy Corporation, Dayton, Ohio, a Corporation of Delaware. Filed Apr. 17, 1925. Serial No. 23,809. 3 Claims. (Cl. 175-356.)

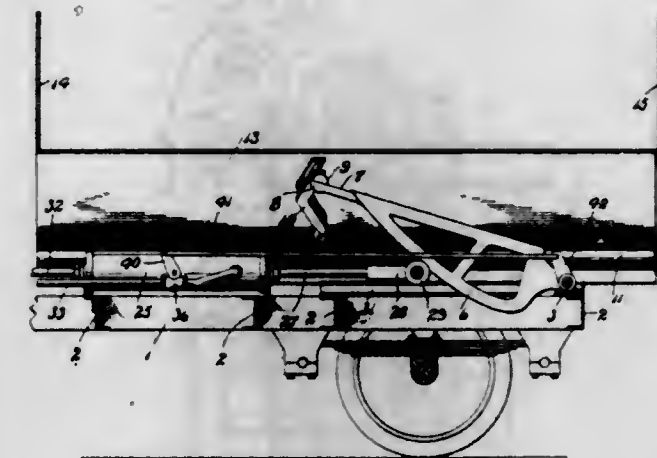


1. The method of making material for a tubular magnetic circuit of induction apparatus which comprises attaching a strip of flexible non-conducting, non-magnetizable material to a strip of flexible magnetizable metal which is located within the side margins of the other strip, and in shearing the strips entirely across the metal strip but not entirely across the other strip to provide a plurality of separate strips of metal assembled by the side margins of the non-conducting nonmagnetizable strip.

1,641,365. HOIST DEVICE FOR DUMPING BODIES. LOGAN T. WOOD, Detroit, Mich. Filed Mar. 14, 1927. Serial No. 175,119, and in France Nov. 2, 1926. 7 Claims. (Cl. 298-22.)

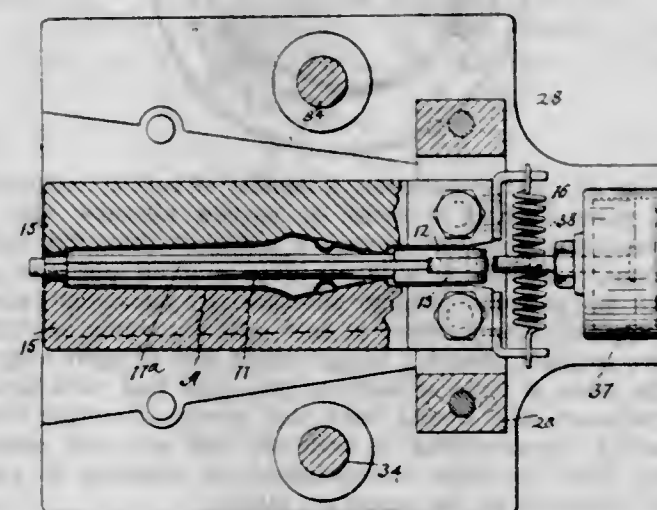
1. In combination, a truck frame, a body located above said truck frame and tiltable about three axes, one located

transversely and at the rear of the frame and the others located one at each side of and parallel to the length of said frame, means mounted on the frame engaging against the body to tilt the same in any selected direction of



tilting, and means for limiting the extent of operation of said tilting means when the body is to be tilted about either side axis and automatically increasing the extent of operation of said tilting means when said body is to be tilted about the rear transverse axis.

1,641,366. DIE. THOMAS N. AIKENS, Dayton, Ohio, assignor of one-half to David D. Walker, Lakewood, Ohio. Filed Jan. 24, 1925. Serial No. 4,424. 5 Claims. (Cl. 113-1.)

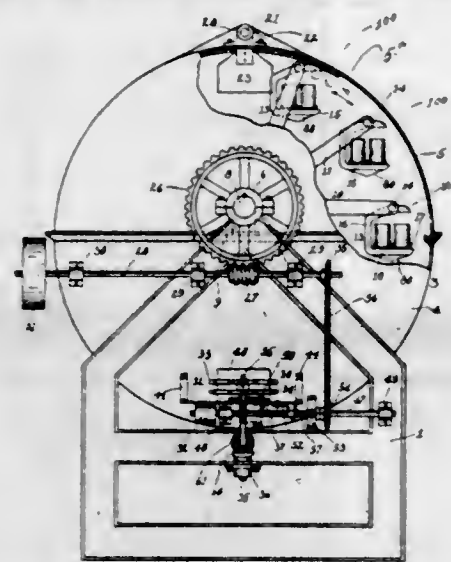


1. A die for forming a seam on tubular articles comprising two relatively movable members, one having means for holding the tubular member, and the other having a reversible or double-acting seam-forming tool.

1,641,367. CAN EXHAUSTER. JOHN F. ANDERSON, Oakland, Calif. Filed Mar. 22, 1922. Serial No. 545,778. Renewed Apr. 8, 1927. 9 Claims. (Cl. 126-272.)

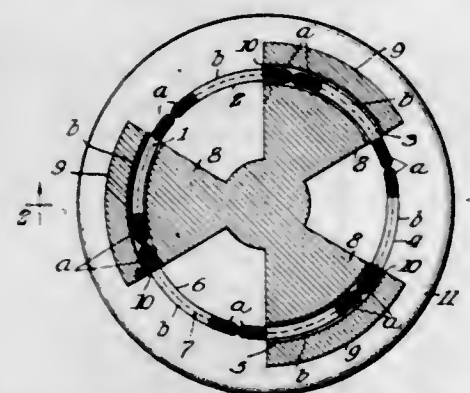
1. In an exhaustor of the kind described, a chamber having a plurality of shelves therein, means for moving said shelves in a circular path, said shelves being swingably mounted to maintain their horizontal position while moving in said circular path, relatively fixed guides positioned in the chamber to engage the articles on said shelves to advance them along the length of the shelves

as the latter are revolved, and means for maintaining the shelves against free swinging movement in a direction away from said guides when the articles thereon contact



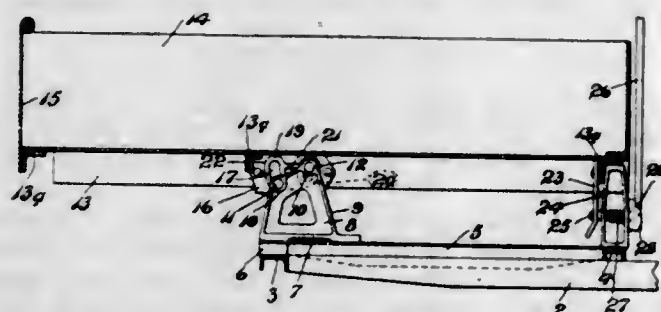
with said guides, whereby the horizontal position of the shelves is maintained and accidental displacement of the articles from said shelves prevented.

1,641,368. ELECTRIC PULSATOR. ARRIE B. ARNEY, McClure, Ohio. Filed Apr. 28, 1922. Serial No. 557,147. 15 Claims. (Cl. 175-340.)



1. In an electric pulsator, a number of sets of magnetic field poles forming a series of narrow air-gaps, and a reciprocating armature having a series of thin, flat coils arranged edgewise in said air gaps and all portions of which are movable through substantially equal distances, the opposite side portions of said coils extending at right angles to their direction of movement and at right angles to the lines of force of said air gaps, and said coils being so disposed and wound that the forces attracting and repelling opposite sides of each coil will act with cumulative effect to move the armature in response to current variations in the armature circuit.

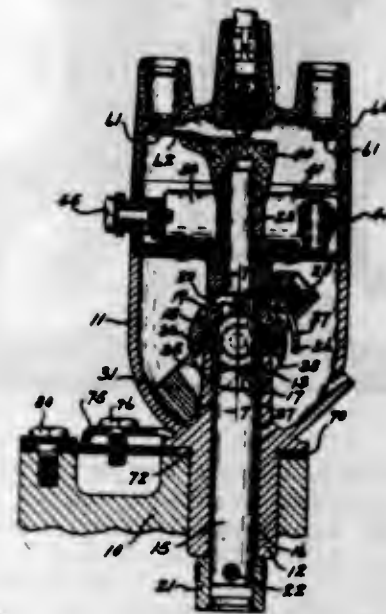
1,641,369. GRAVITY DUMPING CONSTRUCTION. EDWARD R. BARRETT, Detroit, Mich., assignor to Wood Hydraulic Hoist and Body Company, Detroit, Mich., a Corporation of Michigan. Filed June 4, 1923, Serial No. 643,190. 3 Claims. (Cl. 298-17.)



1. In combination with a vehicle, a pair of spaced apart pivot pins located at each side of the frame of the vehicle near the rear thereof, a tilting body located above

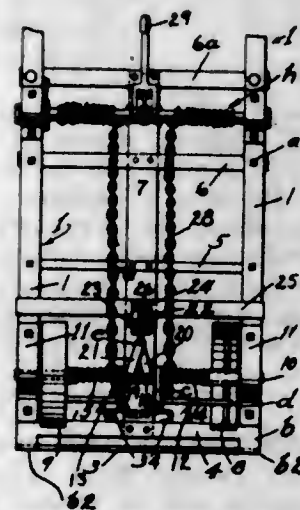
said pivot pins, a supporting bracket attached to each of said body, each bracket having two arcuate slots to receive said pins and to support said body for tilting movement from a horizontal to an inclined position, the beginning of the tilting movement being about the forward pivots and the end thereof about the rear pivots, the length of the forward arcuate slots being such as to limit the tilting movement of the body by engagement of their ends with the forward pivot pins.

1,641,370. TIMER DISTRIBUTOR MECHANISM FOR INTERNAL-COMBUSTION ENGINES. CHARLES E. BERKDOLL, Dayton, Ohio, assignor, by mesne assignments, to Delco-Remy Corporation, Dayton, Ohio, a Corporation of Delaware. Filed July 11, 1924. Serial No. 725,513. 7 Claims. (Cl. 200-31.)



2. In an automatic spark advance mechanism for an internal combustion engine, in combination, a drive shaft rotatably mounted within a bearing, a weighted centrifugal ring pivotally mounted upon said shaft adjacent said bearing and yieldably restrained to lie at an acute angle with said shaft whereby said ring at least partly encompasses said bearing, a breaker cam mounted upon said drive shaft closely adjacent said bearing and having a spiral cam member extending outwardly adjacent said centrifugal ring, and a lug rigid with said centrifugal ring and engaging said spiral cam for advancing or retarding the position of the breaker cam relative to the drive shaft.

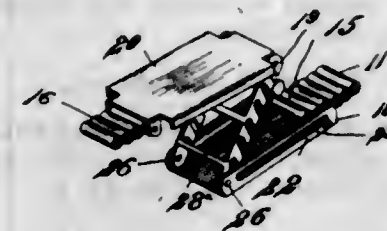
1,641,371. LOADING APPARATUS FOR SHOVEL-NOSE HAND TRUCKS. CARL O. CARLSON, Riverside, Calif. Filed Feb. 20, 1926. Serial No. 89,516. 11 Claims. (Cl. 188-22.)



1. In a hand truck comprising side rails, an axle mounted on said rails, spoked wheels on said axle, locking members adapted to extend between the spokes of

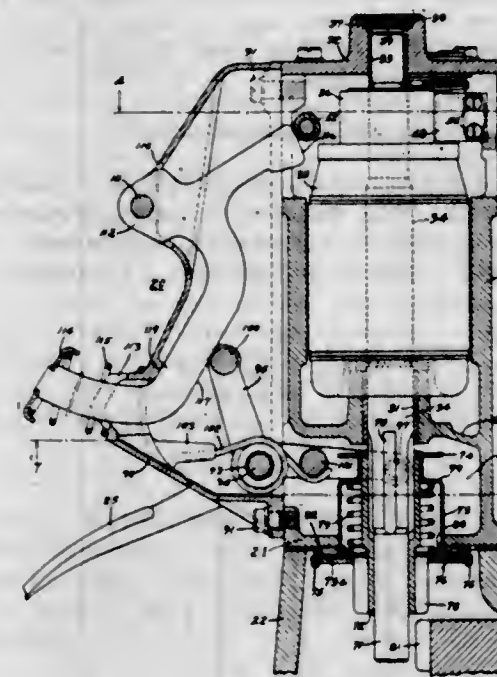
said wheels, sleeves slidably mounted on said axle and abutting against said locking members; to move said locking members to engage and disengage the rails to prevent and allow rotation of the wheels.

1,641,372. EXTENSION DEVICE FOR BRACELETS. LEWIS S. CHILSON, Attleboro, Mass., assignor to J. M. Fisher Company, Attleboro, Mass., a Corporation of Rhode Island. Filed Aug. 3, 1926. Serial No. 126,817. 8 Claims. (Cl. 24-71.)



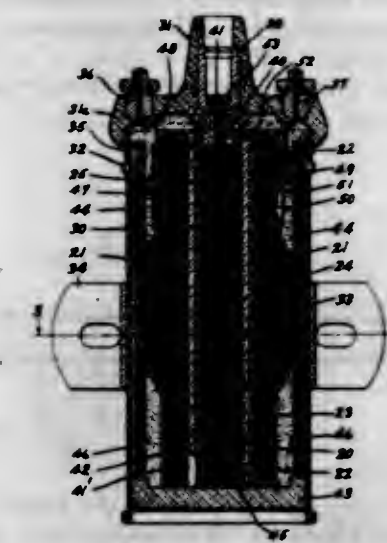
1. A wrist watch bracelet having two strap parts, two sections hinged together and having means connecting their ends to the ends of said strap parts, one of said sections having side walls, spaced cross bars connecting said walls, and means on the other of said sections for snapping over and frictionally engaging one of said cross bars for holding said sections in folded-over closed position.

1,641,373. ENGINE-STARTING MECHANISM. WILLIAM A. CHRYST, Dayton, Ohio, assignor, by mesne assignments, to Delco-Remy Corporation, Dayton, Ohio, a Corporation of Delaware. Filed Apr. 7, 1923. Serial No. 630,637. 15 Claims. (Cl. 290-48.)



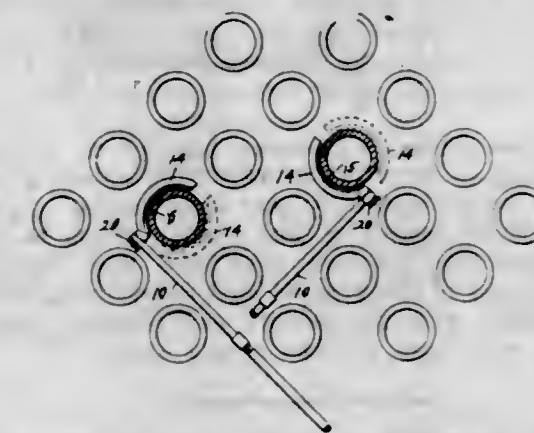
1. In an engine starter, the combination with a motor having a frame mounted on an engine; of a pinion connected with the motor and movable into engagement with an engine gear; a pinion shifting lever pivoted on the frame; a motor switch mechanism mounted on the frame and including a commutator and a brush of said motor, said brush being mounted on a movable arm; a foot pedal supported only by the frame for directly engaging the shifting lever to shift the same in one direction only and for engaging the movable brush arm; a spring for returning the foot pedal independently of the pinion shifting lever; and a spring for disengaging the pinion from the engine gear.

1,641,374. INDUCTION COIL. WILLIAM A. CHRYST, Dayton, Ohio, assignor, by mesne assignments, to Delco-Remy Corporation, Dayton, Ohio, a Corporation of Delaware. Filed Dec. 16, 1924. Serial No. 756,352. Renewed Apr. 11, 1927. 11 Claims. (Cl. 175-357.)



1. An induction coil comprising, in combination, windings and a tubular metallic case surrounding the windings, terminals for the windings, and a cover for the case comprising a body of molded insulating material supporting the terminals and providing a flange extending substantially beyond the sides of the case to reduce liability of short circuit, and a metal ring surrounded by said flange and telescopically engaging the case, the metal ring being permanently anchored to the insulating material.

1,641,375. BOILER-TUBE OR FLUE CLEANING IMPLEMENT. THEODORE W. DAILEY, Cleveland, Ohio. Filed Oct. 7, 1926. Serial No. 139,998. 2 Claims. (Cl. 15-104.04.)

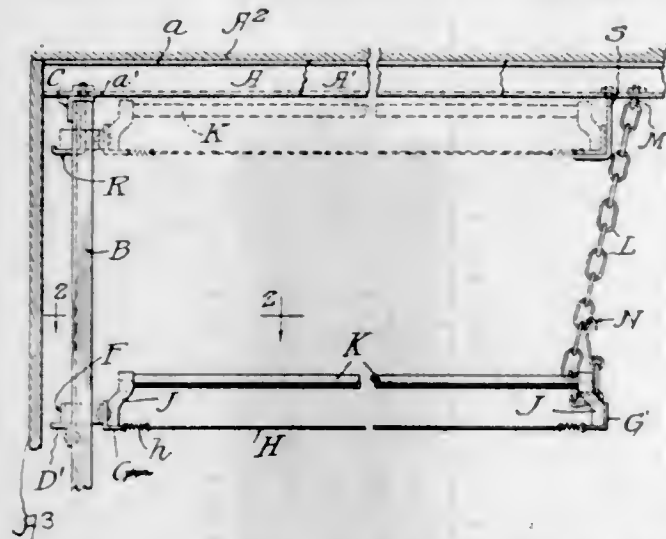


1. A boiler tube or flue cleaner comprising a handle having a transverse aperture at one end, an arcuate blade having at one end a threaded pin extending through said aperture and rotatable therein, a nut engageable with the threaded end of the pin for clamping the blade to the handle, and means forming an interlock between the contiguous faces of the blade and handle to rigidly hold the blade in different angular positions with respect to the handle.

1,641,376. SLEEPING BERTH FOR POULTRY CARS. ISRAEL V. EDGERTON, Chicago, Ill., assignor to Palace Poultry Car Company, Chicago, Ill., a Corporation of Illinois. Filed Sept. 26, 1925. Serial No. 58,753. 9 Claims. (Cl. 105-317.)

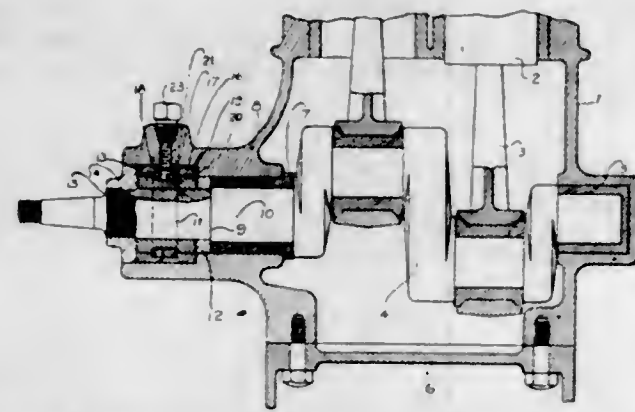
1. In a poultry car, the combination with a bed frame, of a vertical guide arranged between one of the walls of the compartment of the car and an end of the bed

frame, a part on the frame embracing said guide and slidable vertically thereon, a support whereon said end of the frame may rest when in position for use, suspen-



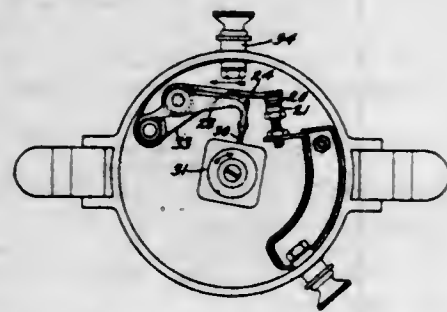
sion means for the opposite end of the frame, and means for holding the frame in elevated position when not in use.

1,641,377. BEARING. CHARLES P. EISENHAEUER, Dayton, Ohio, assignor to The Duro Company, Dayton, Ohio, a Corporation of Ohio. Filed Nov. 16, 1925. Serial No. 69,394. 4 Claims. (Cl. 308-134.)



4. In combination, a chamber adapted to contain a gas, a bearing sleeve in the chamber wall, a shaft mounted therein, a sleeve carried by said shaft having a groove, a second sleeve carried in said bearing sleeve having a groove oppositely disposed from the first mentioned groove, mercury in said grooves, said sleeves being adapted to amalgamate with the mercury and retaining members associated with said sleeves on said shaft.

1,641,378. IGNITION SYSTEM. JOHN T. FITZSIMMONS and HUGH WALLACE, Dayton, Ohio, assignors to General Motors Research Corporation, Dayton, Ohio, a Corporation of Delaware. Filed Apr. 2, 1923. Serial No. 629,398. 1 Claim. (Cl. 200-30.)



In an ignition device for internal combustion engines and in combination with an engine driven cam, an operating arm, one end of which is pivotally supported from a

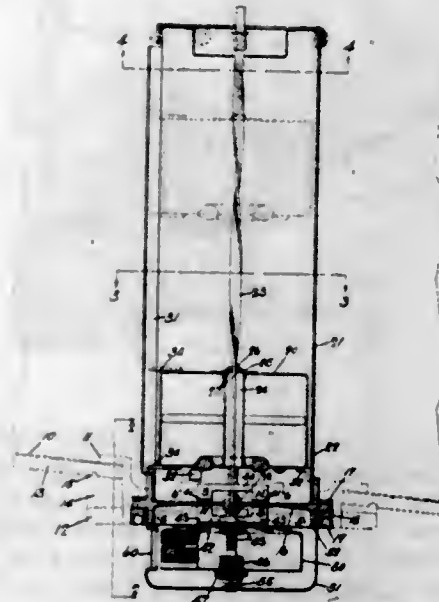
fixed support; a rubbing block carried by the free end of said arm, and which is adapted to engage the cam aforesaid; a contact carrying lever overlying and extending beyond the extremity of said operating arm, and which lever is pivotally connected with said operating arm at a point offset from a line joining the pivotal support of said arm and the extremity of said rubbing block which engages said cam; a fixed contact; and a movable contact carried by the free end of said contact carrying lever and adapted to engage said fixed contact; said rubbing block being arranged substantially at right angles to said operating arm, and the end thereof remote from said cam being adapted to engage said contact carrying lever to separate said contacts.

1,641,379. STORAGE-BATTERY SEPARATOR. WILLIAM T. FOLEY, Cincinnati, Ohio. Filed Feb. 20, 1925. Serial No. 10,667. 3 Claims. (Cl. 136-145.)



1. A storage battery separator, comprising a perforate insulating sheet, and a sheet of homogeneous, structurally weak porous material mounted on the first mentioned sheet, the porous sheet being adapted, when placed in a storage battery to have its mass pressed into the perforations in the first mentioned sheet by the normal pressure of storage battery plates.

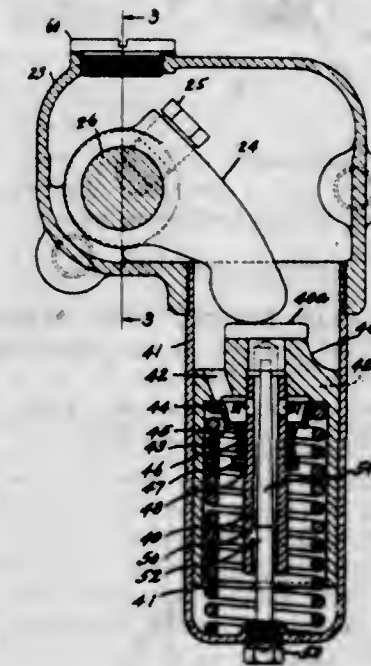
1,641,380. LIQUID-LEVEL INDICATOR. HARVEY D. GEYER, Dayton, Ohio, assignor to Dayton-Wright Company, Dayton, Ohio, a Corporation of Delaware. Filed May 9, 1923. Serial No. 637,835. 2 Claims. (Cl. 73-82.)



1. A liquid level indicator for a tank including, a float movable with changes in the liquid level, magnetic means located within the tank adjacent its bottom surface, means rotatable by the movement of the float for actuating the magnetic means, and a second magnetic means located without the tank but adjacent to and directly below

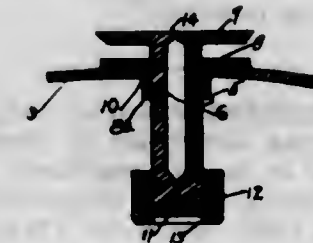
said first magnetic means whereby said second magnetic means is also rotatable by the movement of the float, said second magnetic means being also attracted against gravity action by said first magnetic means whereby it is rendered more easily rotatable.

1,641,381. REBOUND CHECK. EDWARD R. GODFREY, Anderson, Ind., assignor, by mesne assignments, to Delco-Remy Corporation, Dayton, Ohio, a Corporation of Delaware. Filed Apr. 2, 1926. Serial No. 99,394. 3 Claims. (Cl. 267-8.)



1. A rebound check for a vehicle having frame and axle members, comprising in combination, a bracket adapted to be attached to one of said vehicle members; an oscillatable part supported by the bracket; means for connecting said part with the other vehicle member; a fluid containing cylinder attached to the bracket; a piston operated in one direction by said part, and having a passage therethrough; a spring for moving the piston in the other direction; a check valve for said piston passage; a tube attached to the piston and providing a by-pass around the check valve and providing a guide for the check valve; a spring encircling the tube for holding the check valve in position; and a metering pin detachably secured to the cylinder and extending within the tube.

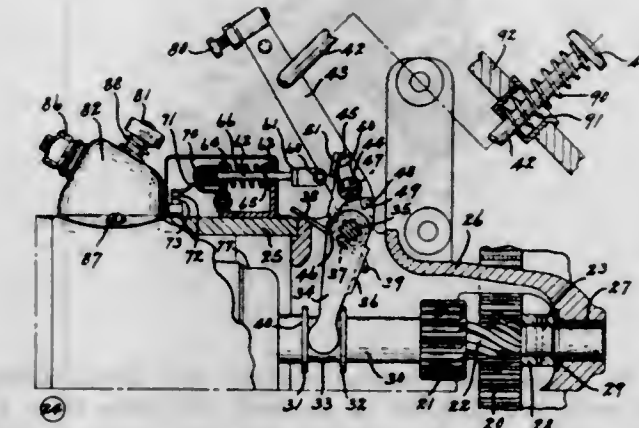
1,641,382. VALVE FOR PLAYING BALLS. HUGO GOLDSMITH, Cincinnati, Ohio, assignor to The P. Goldsmith Sons Company, Cincinnati, Ohio, a Corporation of Ohio. Filed Dec. 5, 1925. Serial No. 73,502. 1 Claim. (Cl. 273-65.)



A rubber valve structure for bladders comprising a tube having a lengthwise passage to receive an inflating tool, closing lips at the inner end of the tube, an automatically elastic closing annular member at the end of

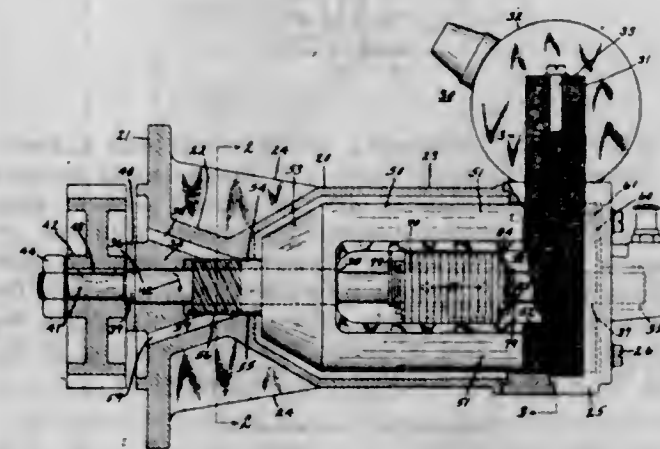
the tube, and projections forming part of the tube for mounting said valve on said bladder, said annular member extending beyond the end of the tube for tensioning the closing lips of the tube in compressed position.

1,641,383. ENGINE-STARTING APPARATUS. FREDERICK J. HARDMAN, Dayton, Ohio, assignor, by mesne assignments, to Delco-Remy Corporation, Dayton, Ohio, a Corporation of Delaware. Filed July 15, 1924. Serial No. 726,212. 5 Claims. (Cl. 290-38.)



1. Engine starting apparatus comprising, in combination, a gear connected with an engine to be started; an electric motor; connections between the motor and gear including a pinion and means whereby the pinion will be automatically demeshed from the engine gear when the engine starts; a switch for controlling a circuit for effecting relatively slow operation of the motor; a switch for controlling a circuit for effecting relatively high torque operation of the motor; means for closing the first switch to facilitate gear tooth registration, for moving the pinion into mesh with the engine gear, and then for closing the second switch, said means including a pedal and pinion shifting member; and means including the actuator of the first switch for effecting the disconnection of the pedal and pinion shifting member after the pinion has been meshed with the engine gear.

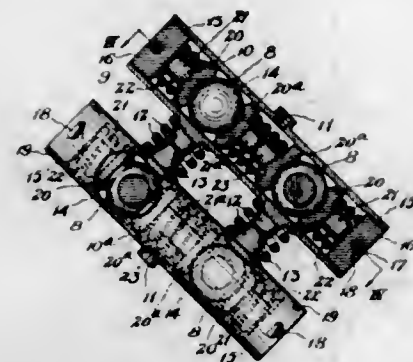
1,641,384. MAGNETO. HOWARD W. HENRY, Newark, N. J., assignor to General Motors Research Corporation, Dayton, Ohio, a Corporation of Delaware. Filed Nov. 5, 1923. Serial No. 672,735. 4 Claims. (Cl. 123-149.)



1. A magneto comprising, in combination, a rotary magnet provided with poles and a connecting yoke, a drive shaft extending through the yoke and between said

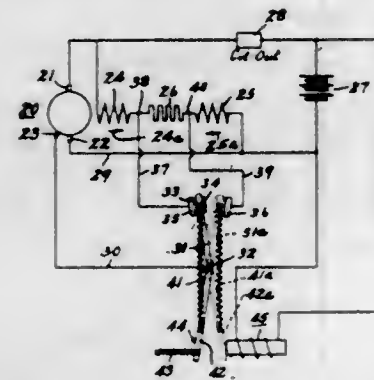
poles, and speed responsive means located between said poles drivingly connecting said shaft and magnet for advancing or retarding said magnet relative to the drive shaft according to the speed of rotation.

1,641,385. UNIVERSAL COUPLING. GEORGE H. HUFERD, Detroit, Mich., assignor to Thompson Products Inc., Cleveland, Ohio, a Corporation of Ohio. Filed Mar. 13, 1926. Serial No. 94,537. 5 Claims. (Cl. 64-96.)



1. In a universal coupling, driving and driven shafts, arms projecting radially in opposite directions from the end of each shaft, the arms of one shaft being at right angles to the arms of the other shaft, ball studs having their shanks rigidly secured in the ends of the arms, an intermediate member consisting of two tubular ball joint housings, ball seats mounted therein serving as bearings for the balls, resilient torque-transmitting means between pairs of balls and rigid, coaxing torque-transmitting surfaces on the ball-joint housings, the ball studs of the driving and driven shafts being connected, one to one housing and the other to the other housing alternately.

1,641,386. BATTERY-CHARGING SYSTEM. JOHN H. HUNT, Dayton, Ohio, assignor to General Motors Research Corporation, Dayton, Ohio, a Corporation of Delaware. Filed Aug. 3, 1925. Serial No. 47,728. 2 Claims. (Cl. 171-313.)

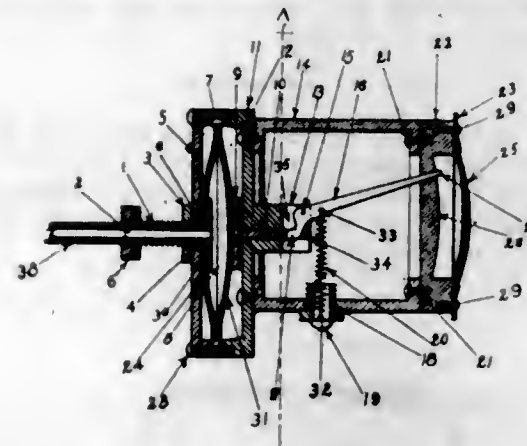


1. An electrical generating system comprising a generator driven at variable speed and having main brushes and a third brush located off the neutral zone of communication and having connected in shunt with the armature a circuit including in series two opposed field windings with a resistance interposed, and a switch for connecting the third brush with said circuit either between one of the field windings and the resistance or between the other field winding and the resistance.

1,641,387. LIQUID-LEVEL GAUGE. OSCAR L. INGRAM, Walla Walla, Wash. Filed Dec. 29, 1923. Serial No. 683,277. 6 Claims. (Cl. 73-110.)

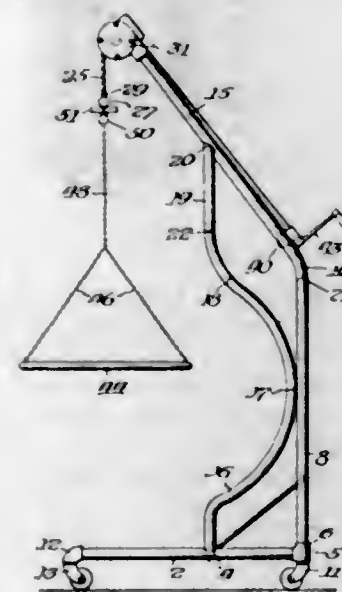
1. A liquid level gauge comprising a casing, a diaphragm substantially in the form of two discs of flexible

cloth-like material each joined directly to the other at its outer edge only, without an intervening fold, one of said walls having an opening through which air may be



forced into the diaphragm, indicating means movable by one of said walls, and a resisting element arranged to resist a movement of the indicating means.

1,641,388. INVALID LIFTER AND CARRIER. STANLEY S. JENKINS, Buffalo, N. Y., assignor to Livezey Surgical Service, Inc., Newark, N. J., a Corporation of New Jersey. Filed Nov. 25, 1925. Serial No. 71,326. 5 Claims. (Cl. 212-142.)

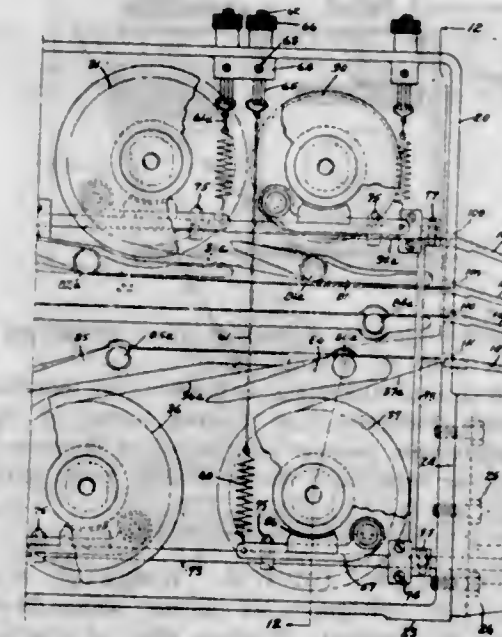


1. In an invalid lifter and carrier, a substantially rectangular base frame, uprights rising from the front end of said frame and having integral inclined portions extending upwardly and backwardly from a point substantially waist high at the front to a rearward point substantially perpendicular over the back end of said base frame, and brace members rising from the sides of said base frame intermediate the front and rear ends thereof, curved to and from points of tangency with said uprights intermediate their lower ends and points of inclination, and connecting with said inclined portions intermediate the ends thereof.

1,641,389. CONDENSER-WINDING MACHINE. FREDERICK C. KROEGER and HARRY E. NORVIEL, Anderson, Ind., assignors, by mesne assignments, to Delco-Remy Corporation, Dayton, Ohio, a Corporation of Delaware. Filed July 29, 1922. Serial No. 578,513. 12 Claims. (Cl. 175-41.)

6. A machine of the character described, comprising in combination, a frame; a plurality of reels rotatably supported in said frame; a lever pivoted to the frame adjacent each reel, each lever including a member adapted frictionally to engage its respective reel to resist rotation thereof; a spring connected to each lever; an ad-

justing screw connected to each spring for adjusting individually, the frictional engagement of each lever with its respective reel; and common means for concurrently moving all of the levers out of frictional engagement with their respective reels.



11. A condenser winding machine comprising in combination, means for rotating a condenser core; means for guiding condenser material to be wound on said core; a shaft; levers pivoted on said shaft; a pressure roller journaled between corresponding ends of the pivoted levers, and adapted to engage the material being wound on the core; arcuate slots in the other ends of the pivoted levers adapted to receive rollers carried on hollow plungers; a rotatable shaft having hollow arms extending therefrom which telescope into the hollow plungers; springs interposed between the hollow arms and cooperating plungers tending to move the latter away from the former; and an operating lever secured to the rotatable shaft for moving the rollers from one end of the arcuate slot to the other whereby the pressure roller will be moved against or away from the condenser material on the core.

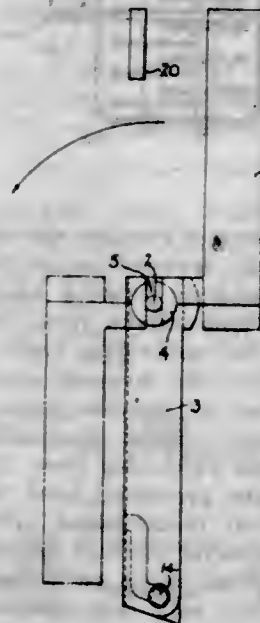
1,641,390. WINDOW. CLAUDE A. LEWIS, Houston, Tex., assignor to American Window Company, a Corporation of Delaware. Filed July 6, 1926. Serial No. 120,600. 4 Claims. (Cl. 20-49.)



1. A window including a casing and a sash, slidable in the sides of said casing, riders in said slide-ways, said riders having upper and lower grooves there-

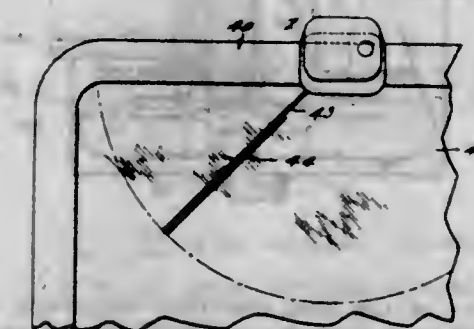
in, upper and lower pins on said sash fitting within said grooves, said pins being removable from said grooves at both ends thereof whereby said sash may be removed from the riders.

1,641,391. WINDOW AND STILE. CLAUDE A. LEWIS, Houston, Tex., assignor to American Window Company, a Corporation of Delaware. Filed Sept. 7, 1926. Serial No. 133,927. 7 Claims. (Cl. 20-49.)



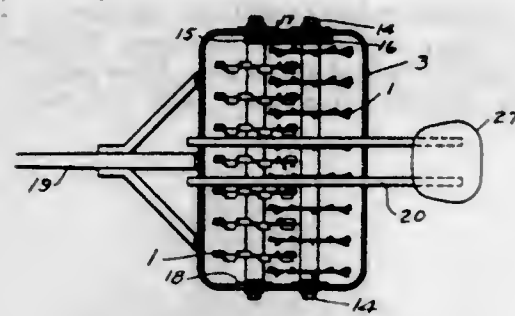
1. In a window having a casing with vertical channels therein the combination of a window sash, and riders on said sash at each side thereof slidable in said channels, the said riders being made of sheet metal with side and front walls, said side walls adjacent the sash having upwardly opening slots therein and lower slots opening forwardly, the lower ends of said lower slots having a rounded enlargement, pins on said sash engaging said upwardly opening slots, and lower pins on said sash engaging within said lower slots, said lower pins having heads thereon for the purpose described.

1,641,392. MECHANICAL MOVEMENT AND WINDSHIELD-CLEANING APPARATUS INVOLVING THE SAME. SAMUEL LIPPERT, Garfield Heights, Ohio, assignor to The Outlook Manufacturing Company, Cleveland, Ohio, a Corporation of Ohio. Filed June 7, 1924. Serial No. 718,457. 10 Claims. (Cl. 74-50.)



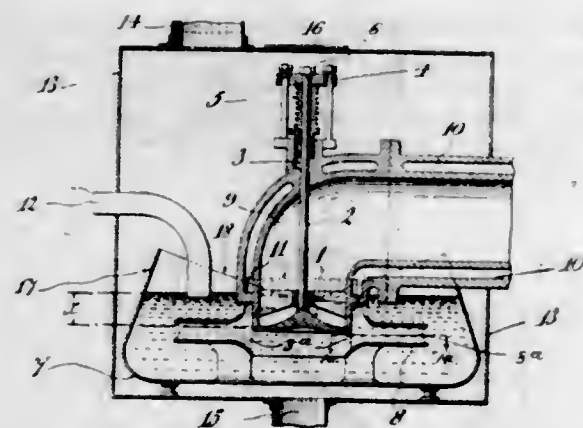
1. In a mechanical movement, the combination of opposed members supported for rotation upon a common axis, means for rotating said members simultaneously and in opposite directions, a head between said members supported for oscillation upon substantially the same axis, stop mechanism limiting the oscillation of the head, and a driving element movably carried by the head, the members acting to shift said element out of driving connection with one of said members and into driving connection with the other at each end of the oscillatory movement of the head.

1,641,393. AUTOMATIC ROTARY PULVERIZING CULTIVATOR. PETER H. MACKIE, Clinton, Wash. Filed Dec. 22, 1924. Serial No. 757,405. 1 Claim. (Cl. 55-85.)



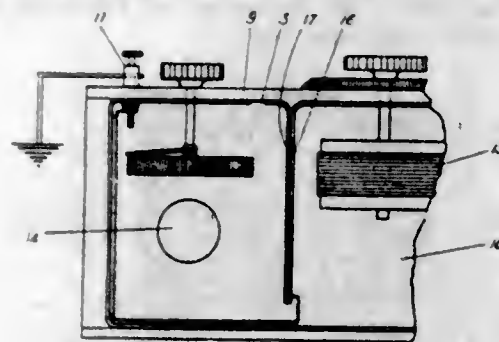
In a pulverizer, two sets of circular shovels on rotating shafts, the shovels of the forward set having teeth with sharpened radially extending forward edges, diagonally extending rear edges which extend from the tips of the teeth to the bases of the succeeding teeth and surfaces extending outwardly from the diagonal edges of the said teeth, and the rear set of shovels having teeth with radially extending rear edges, diagonally extending sharpened forward edges extending from the tips of the teeth to the bases of the preceding teeth and outwardly extending flanges at their radial edges, sprockets with a chain passing around them on the said shafts, the sprocket on the said forward shaft being of a smaller diameter than the sprocket on the said rear shaft to retard the motion of the latter set of the said shovels and accelerate the motion of the said forward set, which action will assist in drawing the forward set of shovels into the ground and at the same time cause the latter set of shovels to slip or slide through the ground to pile the soil between the two sets of shovels.

1,641,394. EXHAUST AND LIKE SILENCER. WILLIAM HAMILTON MARTIN, Flushing, Netherlands. Filed Nov. 21, 1925, Serial No. 70,624, and in Great Britain July 6, 1925. 3 Claims. (Cl. 261-123.)



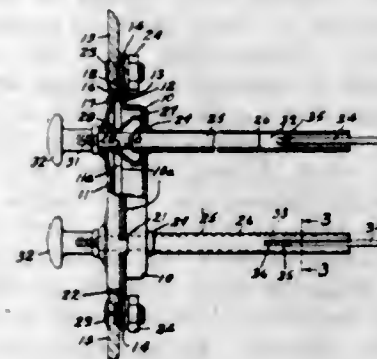
1. A device of the kind described comprising a liquid container, means for supplying liquid thereto and means whereby the level of the liquid is maintained substantially constant, a gas duct depending into said container and having an orifice submerged in the liquid, spaced annular and stationary plates adjacent the duct orifice and likewise submerged, such plates constituting an annular ejector nozzle to which liquid has access from opposite sides, a valve adapted in one position to close the duct orifice aforesaid and in another position to direct the flow of gas from the duct into the space between the submerged plates constituting the annular ejector nozzle and a spring means opposing the action of gravity in the valve and tending to close the valve.

1,641,395. RECTIFYING RADIO SHIELD. TOM MOORE, Cincinnati, Ohio. Filed Sept. 15, 1924. Serial No. 737,670. 6 Claims. (Cl. 250-16.)



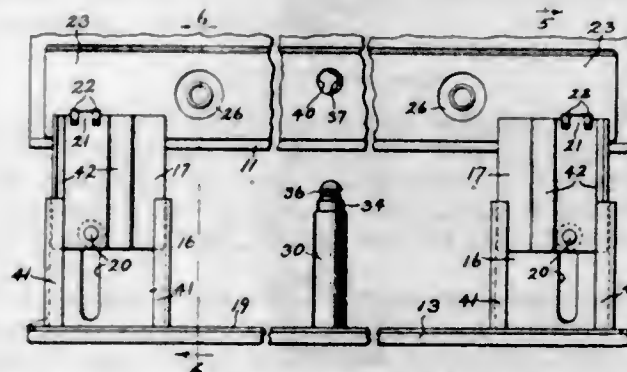
1. As a new article of manufacture a rectifying radio shield in the form of a single sheet.
6. In a device of the class described the combination with a flexible dielectric base having layers of tin foil, borax and aluminum respectively mounted thereon in the order named for forming a single flexible radio shield.

1,641,396. CONTROL DEVICE. HARRY E. NORVIEL, Anderson, Ind., assignor, by mesne assignments, to Delco-Remy Corporation, Dayton, Ohio, a Corporation of Delaware. Filed Apr. 24, 1926. Serial No. 104,500. 4 Claims. (Cl. 74-39.)



4. A control device comprising, in combination, a dished member of sheet metal, a cover member, means for attaching said members to provide a housing, said members being provided with aligned holes and one of them shaped to form a mounting bracket, a tube extending through the hole in one of the members, a rod extending through the holes of both members and the tube, and leaf spring members located within the housing and attached to one of the housing members and bearing against the portion of the tube exposed within the housing.

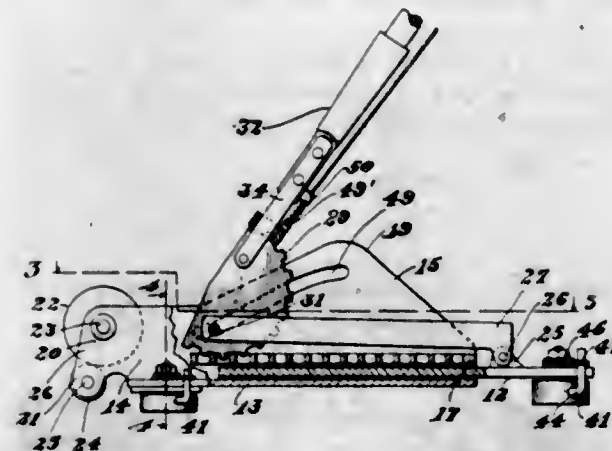
1,641,397. LOOSE-LEAF BINDER. WILLIAM S. PROUDFIT, Walker Township, Kent County, and EDWARD F. GRAF, Grand Rapids, Mich., assignors to Proudfit Loose Leaf Co., a Corporation of Michigan. Filed June 14, 1924. Serial No. 719,977. 9 Claims. (Cl. 129-13.)



4. In a device of the class described two covers, a post connected to one cover and detachably connected to the other cover, guides connecting said covers, each of said

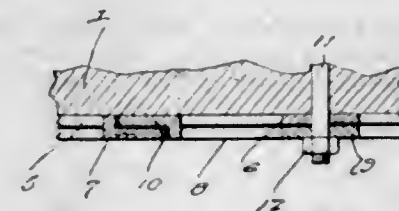
guides comprising two slidably connected members, one of said members being rigidly connected to one cover and the other of said members being pivotally connected to the other of said covers.

1,641,398. CAR MOVER. BENJAMIN F. SCHMIDT and TAIPHON D. HEYL, Los Angeles, Calif. Filed Mar. 22, 1926. Serial No. 96,457. 3 Claims. (Cl. 254-35.)



1. A car mover comprising a pair of rail engaging elements, independent rail gripping devices for said elements, a roller carried by one of the elements for engagement with the rail, a second roller carried by the same element in contact with the first named roller and for engagement with a car wheel, a gear for affecting relative movements of the two elements, a lever for operating said gear, and an automatically shiftable fulcrum for said lever whereby to affect initial maximum leverage for starting the movement of the car wheel then progressively decreasing leverage for a continued movement of the car wheel.

1,641,399. RIM. CHESLEY E. STIGERS, Marshall, Okla. Filed Mar. 24, 1926. Serial No. 97,055. 1 Claim. (Cl. 301-35.)

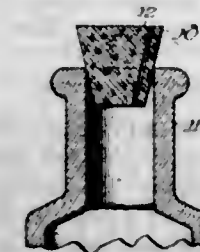


A tire rim for a wheel felly, comprising a pair of complementary sections, one section embodying an endless ring-like band to fit upon the wheel felly, said band being provided with an angularly disposed tire engaging flange on one edge and with retaining tongues on its opposite edge, said tongues having offset portions, said other section comprising an endless ring having an edge abutting said opposite edge of the band and forming the remaining tire engaging flange, said ring being equipped with tongues having offset portions abutable with the tongues on said band to hold the ring and band together, the abutting surfaces of the tongues being disposed in substantially the same plane with the abutting edges of the band and ring, and all of said tongues extending inwardly and radially along one side of the felly.

1,641,400. CLOSURE FOR CULTURE CONTAINERS. DANIEL M. STUMP, Chicago, Ill., assignor to The Albert Dickinson Company, Chicago, Ill., a Corporation of Illinois. Filed July 6, 1926. Serial No. 120,612. 4 Claims. (Cl. 215-47.)

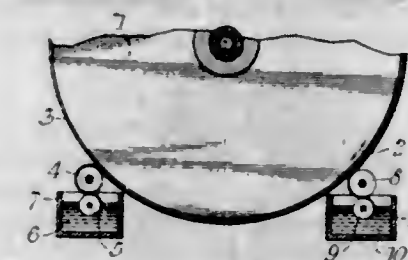
1. A closure for culture containers formed of material sufficiently porous to permit the passage of sufficient air

therethrough to maintain life in the culture for a considerable period of time and in transit, said closure being sufficiently elastic to permit the withdrawal thereof from



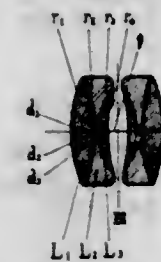
the container and also possessing the characteristics of retaining its elasticity and required porosity when subjected to the action of sterilizing steam and pressure.

1,641,401. PROCESS FOR LESSENING CURLING TENDENCIES OF PHOTOGRAPHIC FILMS. ALBERT F. SULZER, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a Corporation of New York. Filed May 20, 1924. Serial No. 714,750. 1 Claim. (Cl. 91-69.)



The process of lessening the curling tendency in photographic nitrocellulose films, which comprises applying to the rear face only thereof a plurality of relatively thin coats of varnish one on the other, said varnish being a solution of nitrocellulose in a mixture of a volatile solvent and volatile non-solvent thereof, the proportion of nitro-cellulose in said varnish being of the order of magnitude of two percent.

1,641,402. SPHERICALLY, CHROMATICALLY, AND ASTIGMATICALLY CORRECTED THREE-LENS CEMENTED OBJECTIVE. FRANZ URBAN, Berlin-Steglitz, Germany, assignor to the Firm of Optische Anstalt C. P. Goerz Aktiengesellschaft, Friednau, near Berlin, Germany. Filed Dec. 21, 1923. Serial No. 681,918, and in Germany Dec. 29, 1922. 2 Claims. (Cl. 88-57.)

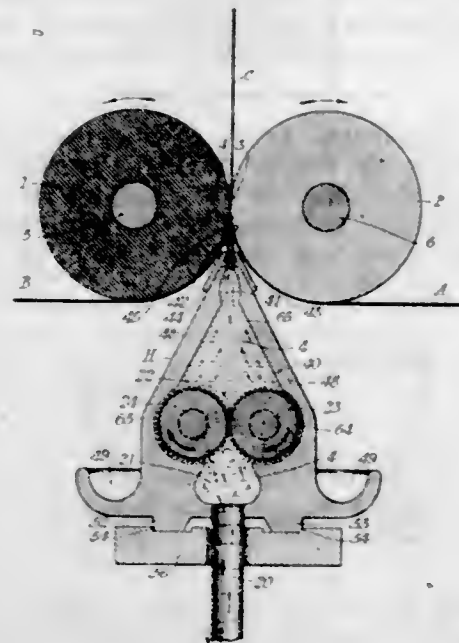


$f^1 = 183$	$f^2 = 34$	$n^1 = 1.6584$	$n^2 = 1.6825$
$f^3 = 10$	$d^1 = 0.8$	$n^3 = 1.5991$	$n^4 = 1.6196$
$f^4 = 25$	$d^2 = 1.4$	$n^5 = 1.6634$	$n^6 = 1.6723$
$\phi = 1.6$			
Image angle about 100° Aperture ratio 1:9			
Focal length 100			

1. A cemented photographic three-lens objective corrected spherically, chromatically and astigmatically and constituted by (1) a positive meniscus adjacent to the diaphragm and with a concave surface facing the latter, (2) a central bi-concave lens of highly refractive flint glass the refractive index of which is higher by at least 0.1 than that of the meniscus and (3) a bi-convex lens,

having a higher refractive index and higher dispersive power than the glass of the bi-concave lens the refraction index difference between the said central biconcave lens and the meniscus being greater than that between the central bi-concave lens and the biconvex lens of the objective.

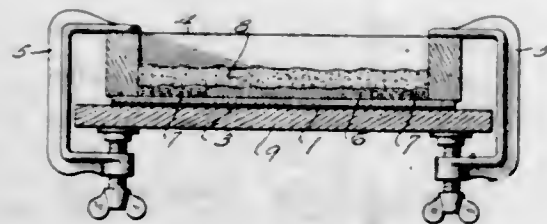
1,641,403. PROCESS AND APPARATUS FOR UNITING STRIPS OF MATERIAL. HENRY E. VAN DERHOEF, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a Corporation of New York. Filed Nov. 9, 1923. Serial No. 673,841. 22 Claims. (Cl. 154-37.)



1. In the process of laminating a plurality of strips of cellulosic material to form a single homogenous band, the steps of moving said strips upwardly along converging paths into contact and maintaining a stationary body of liquid material comprising a volatile solvent for the cellulosic material in contact with a surface of at least one strip as said surface moves upwardly along one of said paths towards contacting position and close to and immediately below the contacting position.

8. Apparatus for laminating strips comprising means for moving and guiding said strips upwardly along converging paths and pressing the same into contact, thereby forming a space between said strips which narrows upwardly with its apex at the line of contact thereof, and means within said space for supporting a single pool of adherence-reducing material in contact with the facing surfaces of all said strips.

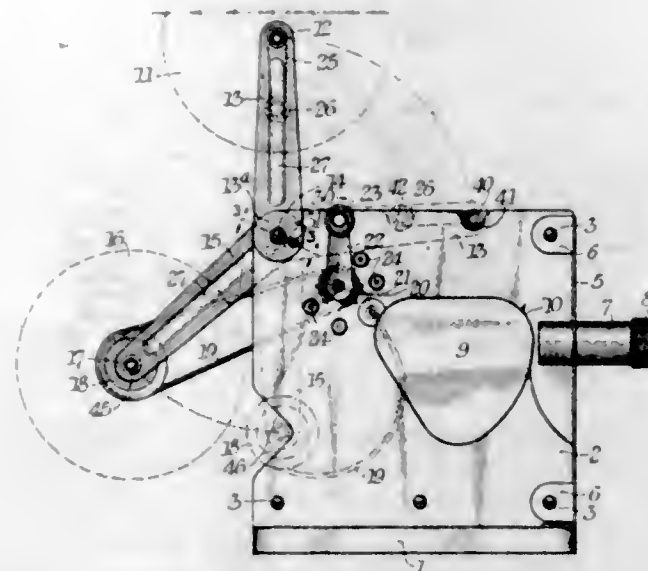
1,641,404. CONCRETE PLAQUE AND METHOD OF MAKING SAME. IRENE MARTHA WASHINGTON, Brooklyn, N. Y. Filed Oct. 24, 1924. Serial 745,600. 3 Claims. (Cl. 18-60.)



1. The herein described process of reproducing a given design in a colored cement tile or plaque, which process comprises the following steps: placing a glass plate over said design, arranging moist masses of differently colored hydraulic cement on said glass plate over the respective portions of the design to be reproduced in the colors of the mass so placed thereover, immersing said cement and glass plate in water until the cement is set

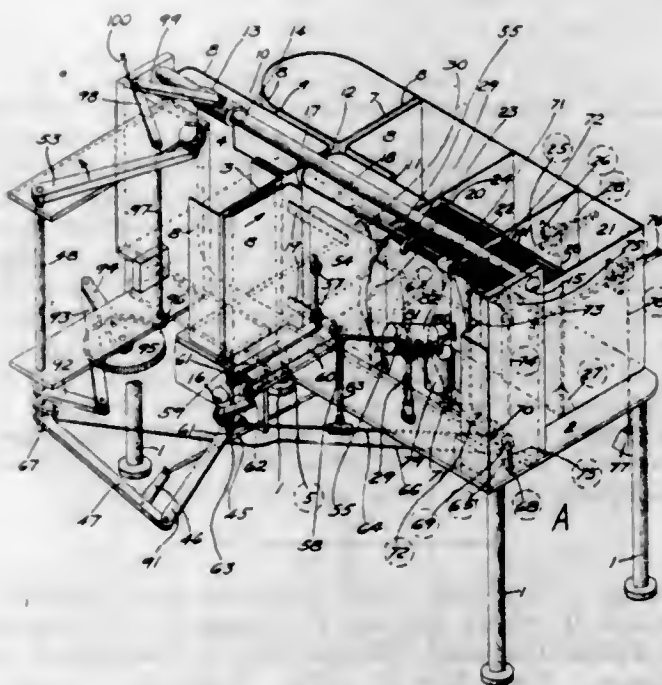
and then removing the plaque so formed from said glass plate whereby the said design is reproduced in corresponding colors upon the extremely smooth glazed plane surface of the resultant plaque.

1,641,405. REEL-HOLDING STRUCTURE FOR PROJECTORS. OTTO WITTEL, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a Corporation of New York. Filed Nov. 2, 1925. Serial No. 66,155. 21 Claims. (Cl. 242-55.)



1. In a motion picture projection machine, the combination with a support having two angularly disposed edges, of a pair of reel supporting arms, a bolt carried by the support near the angularly disposed edges and upon which the arms are pivoted, and snap latches adapted to engage and hold the arms in an operative position, said latches being releasable whereby the arms may be folded against the angularly disposed edges.

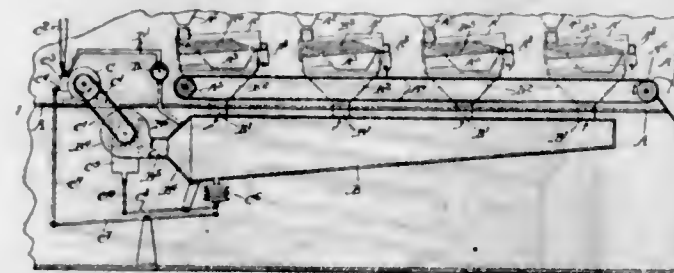
1,641,406. MAIL-HANDLING MACHINE. WILLIAM H. ALDEN, JR., Bryn Athyn, Pa. Filed Oct. 10, 1921. Serial No. 506,800. Renewed Feb. 7, 1927. 25 Claims. (Cl. 93-6.)



1. In a mail handling machine, the combination of an envelope feeding stack, an envelope receiving stack, means for inserting a letter into an empty envelope and

carrying the loaded envelope to the receiving stack, and means for sealing the envelope while in the receiving stack.

1,641,407. DRY SEPARATING APPARATUS. RAY W. ARMS, Chicago, Ill., assignor to Roberts and Schaefer Company, Chicago, Ill., a Corporation of Illinois. Filed Apr. 7, 1924. Serial No. 704,553. 1 Claim. (Cl. 209-502.)



The combination with a plurality of independent air separating tables of an air pump and means for operating it, a tapered air chamber extending from the pump adjacent said tables and decreasing in cross sectional area from the pump toward the furthestmost chamber and passages placed along the chamber and leading one to each table, automatic means controlled by the pressure of air in the chamber for regulating the amount of air fed by the pump to the chamber.

1,641,408. CONTAINER. GEORGE K. BAINBRIDGE and SYDNEY W. REYNOLDS, Ripon, Calif. Filed Dec. 10, 1925. Serial No. 74,463. 7 Claims. (Cl. 229-65.)

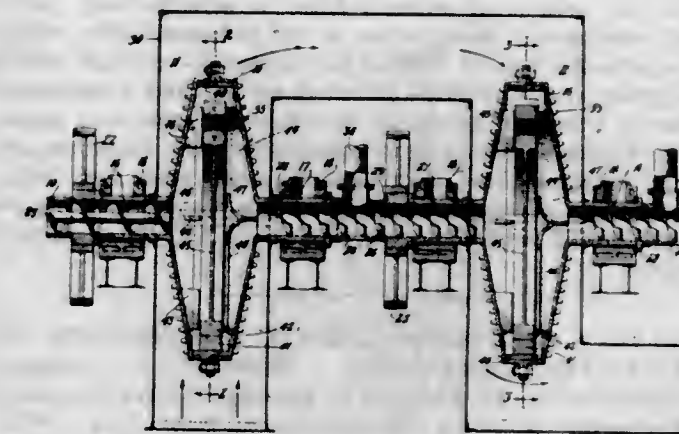


1. A container comprising a body sealed at the bottom, a skirt formed integral with the body extending completely around the outside of the body at the top and disconnected therefrom except at the top, and a detachable sealing element applied over the top of the body and over the adjacent portion of the skirt, the latter projecting downwardly some distance beyond the sealing element.

1,641,409. GRINDING AND DRYING APPARATUS. JOHN E. BELL, Brooklyn, N. Y., assignor to Combustion Engineering Corporation, a Corporation of New York. Filed Jan. 12, 1922. Serial No. 528,668. 16 Claims. (Cl. 83-9.)

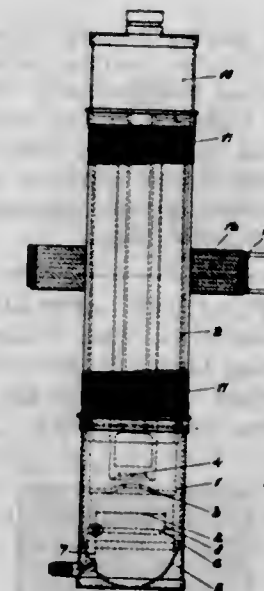
1. A continuous grinding mill comprising a rotary casing with means for entrance and discharge of ma-

terial; gravitationally movable grinding means in said casing; means for heating the material while being



ground; and means for drawing vapor disengaging from the material toward the fuel discharge end of the apparatus, and withdrawing and separating it.

1,641,410. X-RAY TUBE AND INSTALLATION FOR OPERATING THE SAID TUBE. ALBERT BOUWERS, Eindhoven, Netherlands, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Filed Aug. 25, 1925. Serial No. 52,345. and in the Netherlands Mar. 25, 1925. 9 Claims. (Cl. 250-35.)



1. An X-ray tube characterized in that around the tube is wound a coil the ends of which are electrically connected to the cathode and to the anticathode, said coil being adapted to permit a high tension current to be generated therein.

1,641,411. CELLULOSE-ACETATE COMPOSITION. STEWART J. CARROLL, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a Corporation of New York. Filed Apr. 27, 1925. Serial No. 26,307. 7 Claims. (Cl. 134-79.)

1. An effectively neutral composition of matter comprising cellulose acetate and a compound selected from the group of the monobrominated naphthalenes and anthracenes which is substantially free from uncombined bromine and hydrobromic acid.

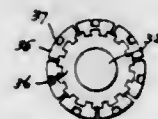
1,641,412. CELLULOSE-ACETATE COMPOSITION. STEWART J. CARROLL, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a Corporation of New York. Filed Apr. 27, 1925. Serial No. 26,308. 1 Claim. (Cl. 134-79.)

As an article of manufacture, a substantially colorless, transparent, flowed film of low inflammability, which is substantially inert toward photographic coatings, which comprises acetone-soluble cellulose acetate and a substance selected from the group of monobrom benzois and monobrom toluenes, which is substantially free from uncombined bromine and hydrobromic acid, said film being formed from a composition containing from 5 to 50 parts by weight of said substance for every 100 parts of said acetate.

1,641,413. CELLULOSE-ACETATE COMPOSITION OF LOW INFLAMMABILITY. STEWART J. CARROLL, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a Corporation of New York. Filed Dec. 21, 1925. Serial No. 76,774. 6 Claims. (Cl. 134-79.)

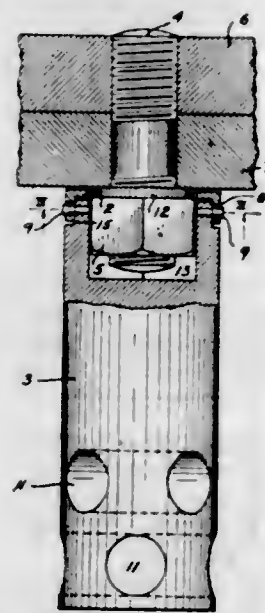
1. A composition of matter comprising cellulose acetate, and a compound selected from the group of brom-nucleo substitution products of aniline and toluidine.

1,641,414. METHOD OF MANUFACTURING COMMUTATORS. ROBERT M. CRITCHFIELD, Anderson, Ind., assignor, by mesne assignments, to Delco-Remy Corporation, Dayton, Ohio, a Corporation of Delaware. Filed Dec. 13, 1924. Serial No. 755,810. 6 Claims. (Cl. 29-155.)



1. The method of making a commutator which includes making a metal cylinder having inwardly projecting spaced tangs extending longitudinally of the cylinder, in locating a support centrally of the cylinder and spaced therefrom, in joining the support and tangs by a non-conducting hardenable plastic material, and in separating the cylinder longitudinally into segments to provide an annulus of insulated metal bars.

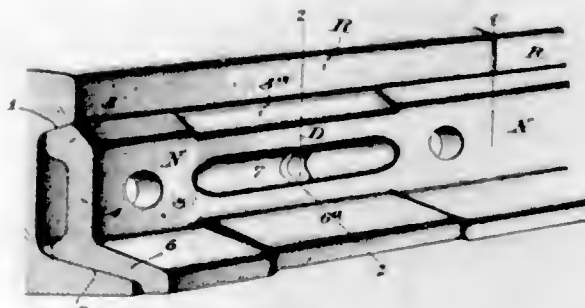
1,641,415. MANIPULATIVE APPLIANCE. HANS P. DAHLSTRAND, Wauwatosa, Wis., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis., a Corporation of Delaware. Filed Mar. 22, 1924. Serial No. 701,917. 2 Claims. (Cl. 81-125.)



1. In combination, a member having a polygonal socket for engaging an element to rotate the same, and a collar carried by said member and having a polygonal opening

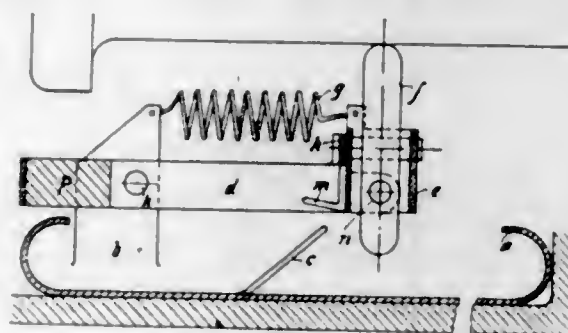
adjoining said socket, said collar being rotatable in opposite directions from a central setting to position the sides of said opening out of alignment with the corresponding sides of said socket for locking an element in said socket.

1,641,416. FLEXIBLE RAIL JOINT. CLARKSON A. DISBROW, New Rochelle, N. Y., assignor to The Rail Joint Company, New York, N. Y., a Corporation of New York. Filed Feb. 24, 1927. Serial No. 170,696. 8 Claims. (Cl. 238-243.)



1. A rail joint including a joint bar provided with a normal section having head and foot fishing engagement with the rail fishing surfaces and a deflected section offset from the plane of the normal section to provide clearance from all parts of the rail.

1,641,417. LUBRICATING DEVICE FOR AXLE BEARINGS. GEORGE DUFFING, Hamburg, Germany. Filed Jan. 11, 1926. Serial No. 80,651. and in Germany Jan. 21, 1925. 3 Claims. (Cl. 308-91.)

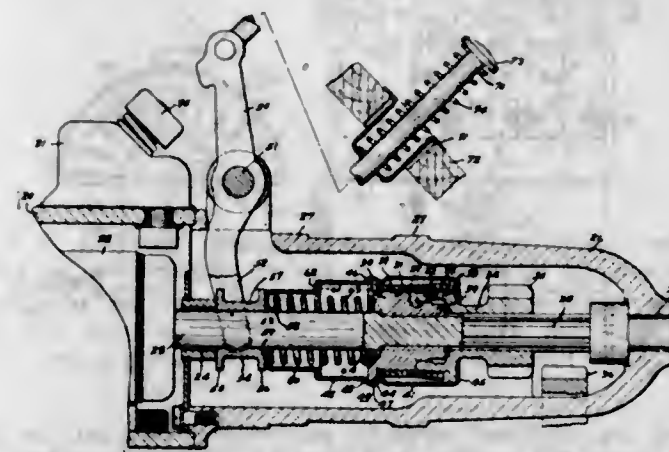


1. A lubricating device including a lubricant conveyor, means mounting the lubricant conveyor for rotation about a substantially horizontal axis, spring means normally tending to press the lubricant conveyor against a shaft to be lubricated and permitting said conveyor to be temporarily tilted, said mounting means including a frame rotatably mounting said lubricant conveyor, a rocking frame pivotally supporting the first mentioned frame, and a support for the rocking frame, said spring means being attached to said support and to the first mentioned frame whereby said spring means simultaneously tends to press the lubricant conveyor against a shaft to be lubricated and holds the rocking frame in operative position.

1,641,418. ENGINE-STARTING APPARATUS. GEORGE W. ELSEY, Anderson, Ind., assignor, by mesne assignments, to Delco-Remy Corporation, Dayton, Ohio, a Corporation of Delaware. Filed May 6, 1926. Serial No. 107,109. 10 Claims. (Cl. 74-7.)

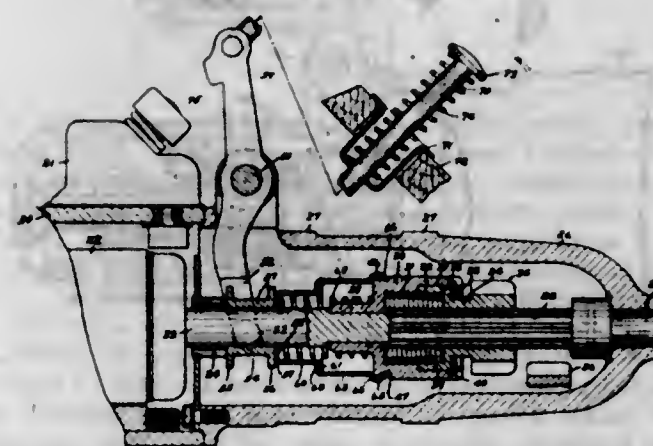
1. Engine starting apparatus comprising, in combination, a motor, a shaft operated by the motor, a clutch member drivingly connected with the shaft and slidable along the shaft, a clutch member slidable along the shaft and rotatable independently thereof, said clutch members

having coaxial friction surfaces, a helical-coil spring adapted to frictionally engage said surfaces and to provide a one-way driving connection between said members, a pinion slidable along the shaft and connected with the second clutch member, a tubular member enclosing the clutch members while permitting relative rotation of said members, means for yieldingly moving the clutch members and pinion in a direction to mesh the pinion with an en-



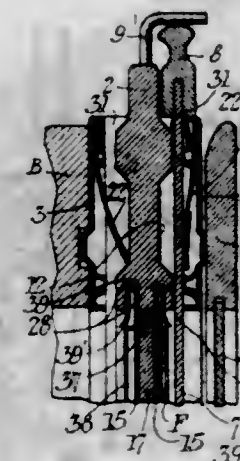
gine gear and including a sleeve slidable along the shaft and a spring surrounding the shaft and located between the sleeve and first clutch member, and means for non-yieldingly withdrawing the pinion from the engine gear and including said sleeve and two telescopically coacting tubular parts enclosing the second mentioned spring, one part being attached to said sleeve and the other being an extension of said tubular member, said tubular parts having coacting flanges limiting separation of said sleeve from said clutch members.

1,641,419. ENGINE-STARTING APPARATUS. GEORGE W. ELSEY, Anderson, Ind., assignor, by mesne assignments, to Delco-Remy Corporation, Dayton, Ohio, a Corporation of Delaware. Filed May 6, 1926. Serial No. 107,110. 6 Claims. (Cl. 74-7.)



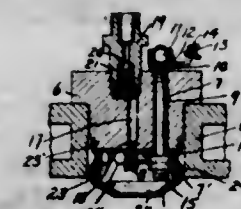
4. Engine starting apparatus comprising, in combination, a motor, a shaft operated by the motor, a pinion adapted to engage a gear connected with the engine to be started, and a one-way clutch for connecting the shaft to the pinion and including abutting coaxial friction clutch drums having internal friction surfaces, one of which is cylindrical and the other is conical and tapers from a diameter equal to that of the cylindrical clutch surface to a slightly less diameter, and a coiled spring normally in frictional engagement with the drums and wedgingly engaged by the conical surface, said spring being free of positive connection with the clutch drum.

1,641,420. CUT-FILM HOLDER. WILLIAM F. FOLMER, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a Corporation of New York. Filed Mar. 17, 1926. Serial No. 95,267. 11 Claims. (Cl. 95-66.)



1. In a photographic film holder, the combination with a frame having grooved top, and side walls, a tongue on the top wall, a pair of flanged film sheaths carried by their edges engaging in the grooves of the walls, being spaced by the tongue on the top wall, and a stiffening sheet between the sheaths of substantially the same thickness as the spacing tongue of the top wall.

1,641,421. IGNITION DEVICE. LOUIS O. FRENCH, Milwaukee, Wis. Filed July 24, 1925. Serial No. 45,831. 7 Claims. (Cl. 123-145.)

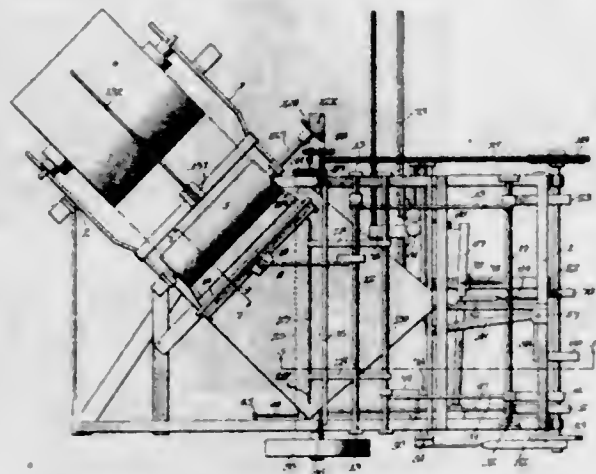


1. The combination with a fuel injector, of an exposed electrically-heated resistance element arranged directly at the discharge end of the injector and past which the main spray has an unobstructed path as it comes from said nozzle, said element being disposed in the region of the fuel mist given off by the fuel on its issuance from the injector.

1,641,422. COMPOUND TO SOLDER ALUMINUM. GEORGE E. GAIL, Detroit, Mich., assignor of one-half to Alex Seltz, Wayne County, Mich. Filed Mar. 12, 1926. Serial No. 94,325. 2 Claims. (Cl. 75-1.)

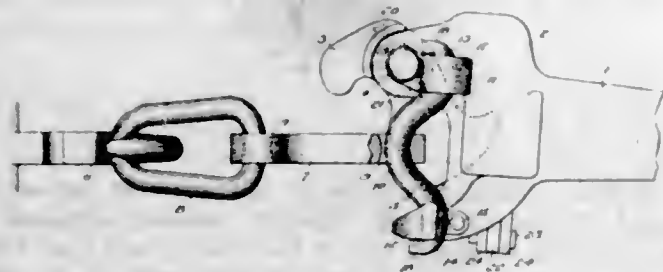
1. The method of compounding an aluminum solder which consists in first melting approximately nine and a quarter pounds of zinc, pouring the molten mass of zinc into a chilling fluid to close the pores of the zinc, remelting the zinc, slowly adding thereto approximately fifteen and a quarter pounds of block tin, then separately adding slowly approximately one quarter pound each of lead and phosphorous tin, stirring the mass to thoroughly intermix said ingredients, then immersing and maintaining near the bottom of the mass a block of wood to effect the boiling of the mass, and finally adding approximately one quarter ounce of pure beeswax to the mass for separating the impurities therefrom for removal at the surface of the boiling mass.

1,641,423. PAPER-CONVERTING MACHINE. CLIFTON O. GAMMELL, Green Bay, Wis., assignor of one-half to A. L. Nelson, Green Bay, Wis. Filed Jan. 14, 1925. Serial No. 2,394. 16 Claims. (Cl. 270-81.)



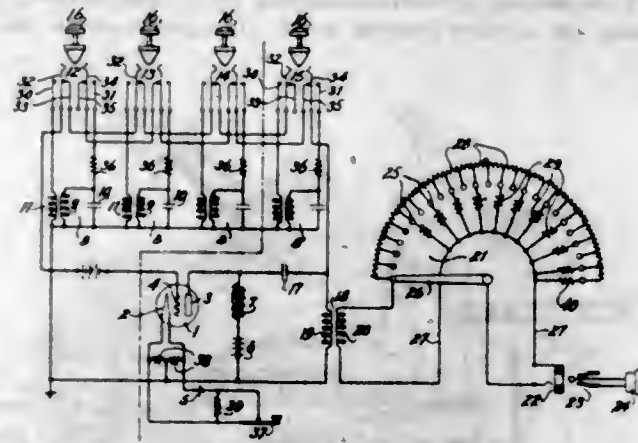
1. A web converting machine including a web feeding mechanism, a mechanism for severing the web into sheets, and a plurality of sheet folding mechanisms operative successively upon each cut sheet, said mechanisms being so arranged that the cut sheets fall by gravity from each folding mechanism to the next succeeding mechanism.

1,641,424. CAR-COUPLING MECHANISM. ENOCH GEORGE, JR., Pittsburgh, Pa., assignor to The McConway & Torley Company, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed Oct. 13, 1925. Serial No. 62,265. 3 Claims. (Cl. 213-112.)



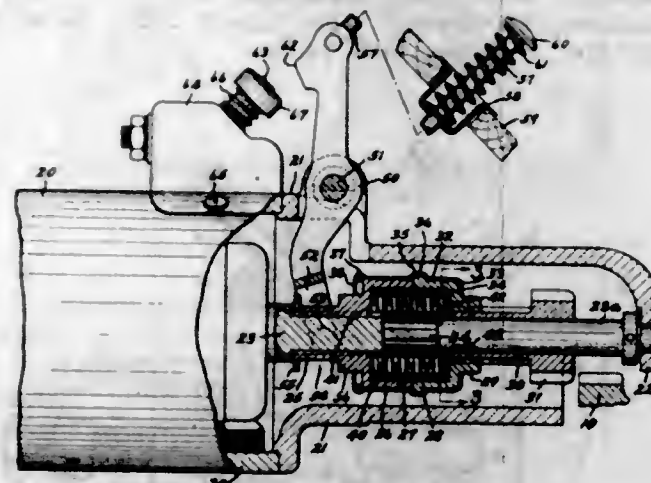
1. Car coupling mechanism comprising a coupler head, a knuckle rotatably mounted on said head, and a lock for said knuckle, in combination with means adapted to connect said coupler to a drawhook, said means including a pivoted member extending transversely of the coupler head and journaled on the upper side of the latter, and a link device movably connected to said transversely extending member and adapted to cooperate with a drawhook, said head being provided on opposite sides of the longitudinal axis of the coupler with lugs respectively forming journal bearings for the ends of said transversely extending member, and said transversely extending member being provided at its ends with means extending at an angle to its pivotal axis for engaging said lugs to limit shifting of said transversely extending member laterally of the coupler, and means associated with one of said lugs for detachably maintaining the transversely extending member in assembled position.

1,641,425. TRANSMISSION CONTROL. FRANK HOWARD GRAHAM, Brooklyn, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Dec. 24, 1923. Serial No. 682,507. 4 Claims. (Cl. 250-36.)



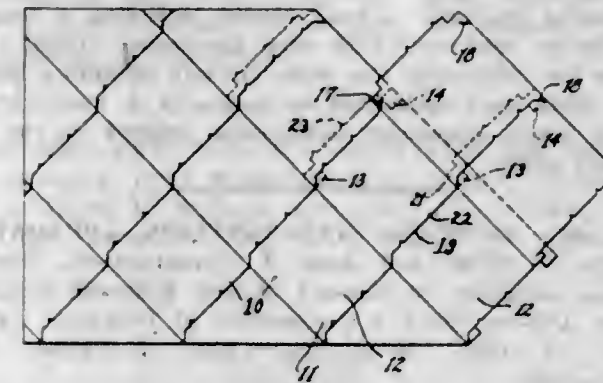
1. An electrical oscillator particularly adapted for use in apparatus for the analysis of hearing comprising an amplifying device, a plurality of fixed tuned circuits, and circuits including keys for connecting said tuned circuits respectively in operative relation to said amplifier, the contacts of said keys being so interconnected that the simultaneous operation of more than one key prevents the generation of oscillations by interrupting an essential branch of the oscillator circuit.

1,641,426. ENGINE-STARTING APPARATUS. FREDERICK J. HARDMAN, Dayton, Ohio, assignor, by mesne assignments, to Delco-Remy Corporation, Dayton, Ohio, a Corporation of Delaware. Filed June 24, 1926. Serial No. 118,244. 4 Claims. (Cl. 74-7.)



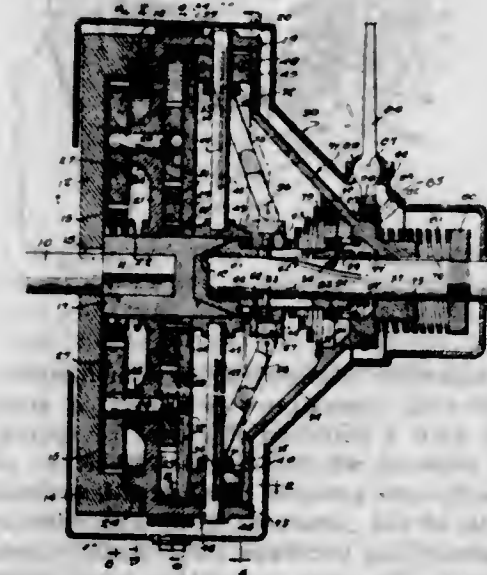
1. Engine starting apparatus comprising, in combination, an electric motor, a switch controlling the motor, a splined shaft driven by the motor, a driving clutch cylinder slidably splined to the shaft, a driven clutch cylinder in alignment with the driving cylinder, a helical coil spring providing a one-way drive between the cylinders, a pinion slidable along the shaft into mesh with the gear of an engine to be started and having its hub slidably connected with the driven cylinder, means for moving the clutch cylinders and for closing the switch, a spring for transmitting endwise motion in one direction from the clutch to the pinion, the spring yielding in case of tooth abutment to permit closing the switch, and means for non-yieldingly transmitting motion to the pinion from the clutch in the opposite direction.

1,641,427. SHINGLE. NORMAN P. HARRBERGER, Chicago, Ill. Filed July 13, 1925. Serial No. 48,188. 5 Claims. (Cl. 108-7.)



3. A plurality of individual shingles assembled, with both of the adjacent corners of each pair of shingles interlocked, to form strips with the edges of each strip in line, said strips being assembled with one edge of one strip overlapping one edge of an adjacent strip.

1,641,428. POWER TRANSMISSION. WILLIAM W. HENDERSON, Bath, N. Y. Filed Sept. 19, 1925. Serial No. 57,453. 14 Claims. (Cl. 74-34.)

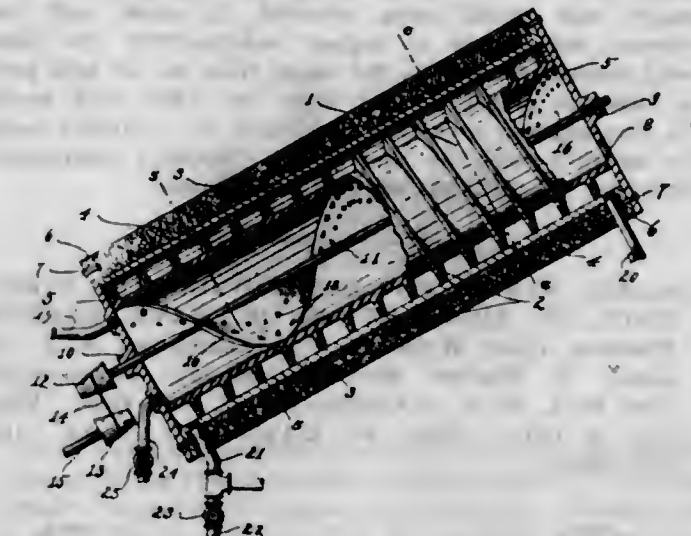


1. A transmission comprising a drive shaft and a driven shaft, a rotatable friction member adapted to be driven by said drive shaft, a rotatable friction element connected to said driven shaft to rotate therewith, said member and said element having adjacent friction faces arranged substantially at right angles to the axis of said drive shaft, a rotatable shaft arranged between the adjacent faces of said member and said element substantially at right angles to said drive shaft, a wheel secured to said rotatable shaft and frictionally engaging the friction face of said element, a second wheel surrounding said rotatable shaft to rotate therewith and mounted to slide thereon, automatic means for sliding said second wheel on said rotatable shaft toward and away from the center of said friction element according to the torque on said driven shaft, and means for connecting said friction element to said drive shaft to be rotated therewith.

1,641,429. CONTINUOUS-FREEZING APPARATUS. WILBERT A. HEYMAN and WILLIAM MCCOMB, New York, N. Y. Filed May 5, 1922. Serial No. 558,573. 4 Claims. (Cl. 82-124.)

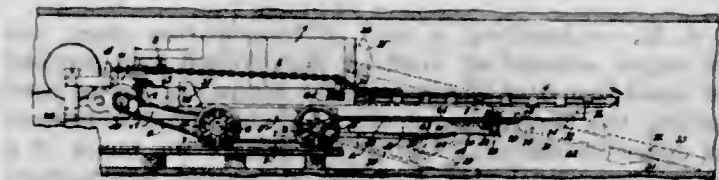
1. In an apparatus of the class described, a chamber having conducting fins disposed on the exterior surface thereof, a jacket surrounding said fins, means to cause

a cooling medium to traverse said chamber in a helical path within said jacket, and a continuously rotated screw mounted within said chamber and having its



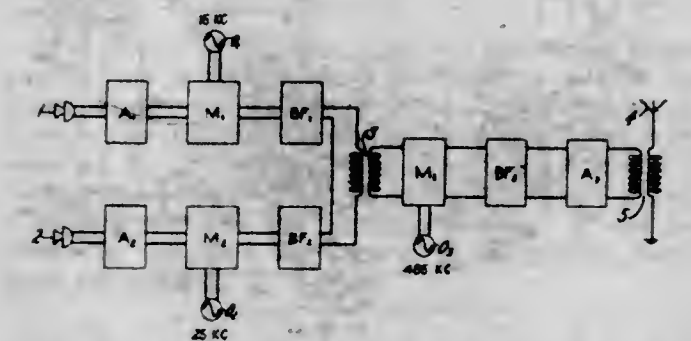
peripheral edges lying closely adjacent to the inner walls thereof, said screw being perforated throughout its length, the number of said perforations increasing from the inlet to the outlet end of said chamber.

1,641,430. MINING APPARATUS. MORRIS P. HOLMES, Claremont, N. H., assignor to Sullivan Machinery Company, a Corporation of Massachusetts. Filed Mar. 3, 1919. Serial No. 250,394. Renewed Oct. 28, 1926. 89 Claims. (Cl. 262-28.)



80. In a mining apparatus, a wheeled truck, a horizontally swingable vertically tiltable machine receiving frame thereon, and means for utilizing the power of a mining machine when said frame is in a lateral position to tilt and swing said frame into alignment with said truck during movement of said machine relative to said frame and in one operation.

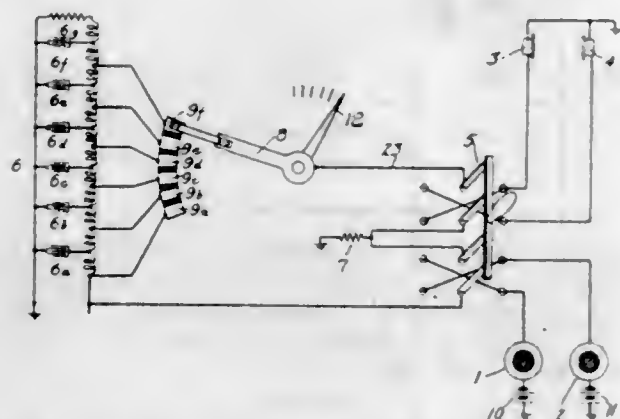
1,641,431. COMMUNICATION SYSTEM. JOSEPH W. HORTON, Bloomfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Dec. 15, 1925. Serial No. 75,523. 5 Claims. (Cl. 250-6.)



1. In a binaural transmission system having a pair of sound pick-up elements situated so as to register different versions of the sounds to be transmitted, sources of continuous waves of different frequency, means to modulate separately each of said waves in accordance with the sounds from a different one of said two pick-up elements, means associated with each modulating means for selectively transmitting one of the resulting side bands while

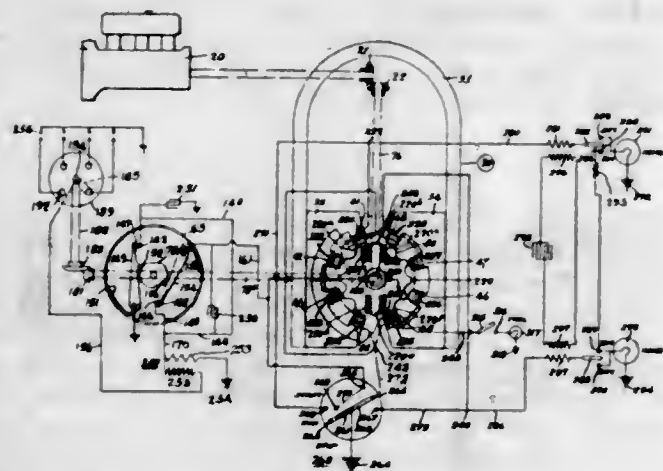
suppressing the opposite side band, the frequencies of said continuous waves being separated in the frequency spectrum by a proper interval depending on the frequency range of the sounds from said pick-up elements, and the proper side bands being selected, to cause said two selected side bands to occupy substantially the same total frequency range as the range from one of said pick-up elements added to that from the other, and means for transmitting over the same path to a distant point for separate reception thereat the frequency components contained in the two selected side bands.

1,641,432. SYSTEM FOR DETERMINING THE DIRECTION OF PROPAGATION OF WAVE ENERGY. FRANCIS ALLEY HUBBARD, West Englewood, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Jan. 4, 1921. Serial No. 434,976. 10 Claims. (Cl. 177—386.)



6. In combination, a pair of transmission lines, one of which includes an artificial line divided into sections of equal electrical length, a phase comparing device comprising two indicators, means to connect said indicators at opposite ends of a section to compare the phase of a wave transmitted over said line at a point intermediate the ends of the section.

1,641,433. LIGHTING AND IGNITION SYSTEM. JOHN H. HUNT, Dayton, Ohio, assignor, by mesne assignments, to Delco-Remy Corporation, Dayton, Ohio, a Corporation of Delaware. Original application filed July 21, 1922, Serial No. 576,493. Divided and this application filed Oct. 23, 1924. Serial No. 745,942. 16 Claims. (Cl. 290—41.)

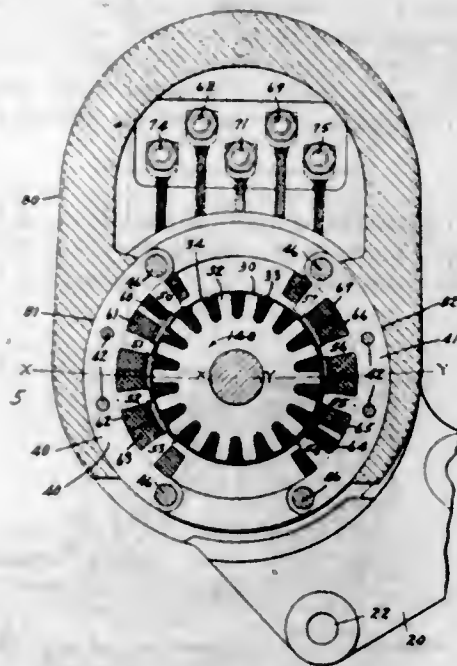


1. An electrical system comprising, in combination, engine ignition apparatus; a plurality of work circuits having electrical translation devices; a generator having a plurality of current generating circuits, one for each of the work circuits and one for the ignition apparatus; and control means for connecting all of the generating circuits, with the ignition apparatus the work circuits being disconnected, or for connecting the work current

generating circuits only with their respective work circuits, while the ignition current generating circuit remains connected with the ignition apparatus.

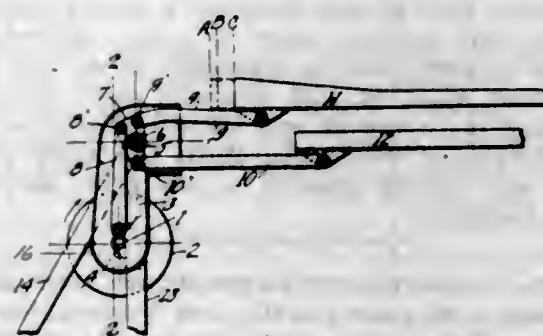
13. An electrical system comprising, in combination, a variable speed A. C. generator having a plurality of generating circuits; a work circuit including a translation device connected with each generating circuit; and means for regulating the work circuits including impedance coils, each connected in series in a work circuit, and a single condenser inductively related to the impedance coils.

1,641,434. LIGHTING AND IGNITION APPARATUS. JOHN H. HUNT and JOHN T. FITZSIMMONS, Dayton, Ohio, assignors to General Motors Research Corporation, Dayton, Ohio, a Corporation of Delaware. Filed Jan. 21, 1925. Serial No. 3,732. 5 Claims. (Cl. 171—209.)



1. A generator comprising, in combination, a toothed rotor carrying commutated windings, a stator member provided with a plurality of groups of spaced teeth, the angular pitch of which is greater than the pitch of the rotor teeth, each group of stator teeth providing a polar projection of the generator field, and cumulatively connected generating windings individually surrounding the stator teeth, the polar projections being displaced angularly by such amount that the current generated in one group of pole-tooth windings will be out of phase with the current generated in the group of pole-tooth windings of a pole of opposite sign.

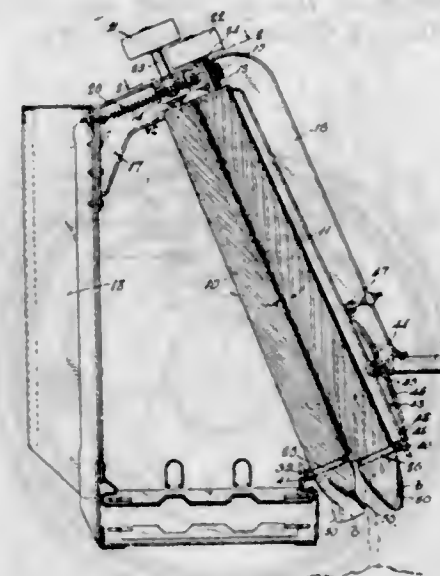
1,641,435. MECHANISM FOR OPERATING RECIPROCATING CONVEYERS OR SCREENS. RICHARD S. JACOBSEN, Wheaton, Ill. Filed Feb. 12, 1923. Serial No. 618,633. 11 Claims. (Cl. 198—220.)



1. In a device of the class described, a crank shaft, a rocker arm, means for connecting the shaft to the arm, a plurality of reciprocating troughs, and a connecting rod

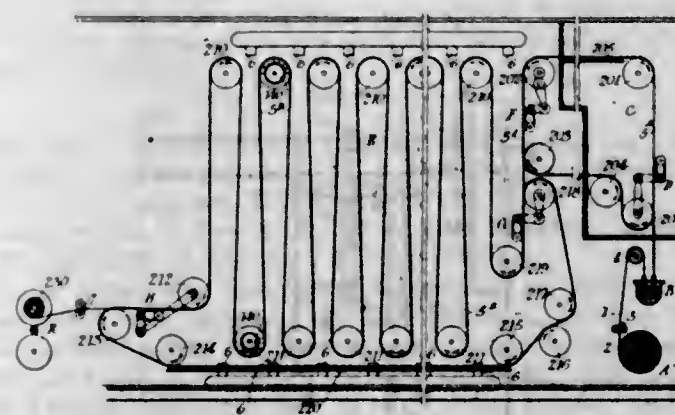
pivally connected between each trough and rocker arm, the center of the pivotal connection between each rod and rocker arm operating in a segmental path confined between the vertical and horizontal center lines of the fulcrum of said rocker arm, one above and the other below said horizontal line thereby to produce a conveying motion in each trough.

1,641,436. SNAPPING ROLL FOR CORN HARVESTERS. GEORGE C. JETT, Milwaukee, Wis., assignor of two-fifths to Walter H. Steimke, Milwaukee, Wis. Filed Apr. 25, 1924. Serial No. 708,867. 8 Claims. (Cl. 130—5.)



1. In a machine of the character described the combination of a rotating roll, a member closely fitted within said roll and projecting laterally therefrom for supporting said roll, and means for ejecting foreign matter from between contiguous surfaces of said roll and member.

1,641,437. CONVEYER. JOHN G. JONES, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a Corporation of New York. Filed July 16, 1924. Serial No. 726,394. 22 Claims. (Cl. 271—2.1.)



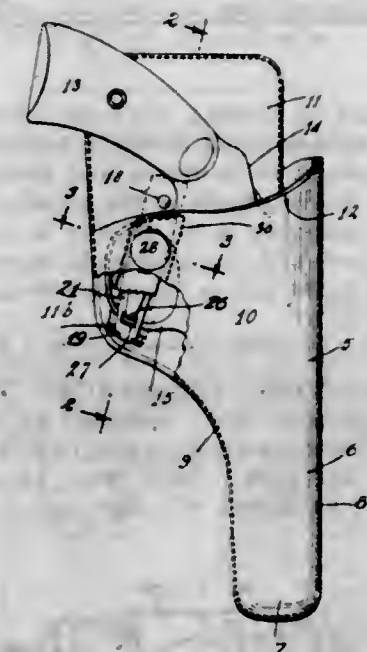
1. In combination, a conveyer chain, certain links of which have transverse passages, a gripping unit carried by each of said links and frictionally engaged in the passage thereof, whereby the units normally are fixed in position with respect to the links but are capable of movement with respect thereto when submitted to pressure sufficient to overcome the friction.

1,641,438. VARIABLE CONDENSER. LESTER L. JONES, Oradell, N. J. Filed Dec. 13, 1923. Serial No. 680,465. 11 Claims. (Cl. 175—415.)



1. A variable condenser comprising a plurality of plate sets including two independent stator elements, a movable element capacitively related to both stator elements and a shaft insulatably carrying the movable elements and conductively connected to one of said stator elements.

1,641,439. SAFETY HOLSTER. JOHN B. JOVINO, Brooklyn, N. Y. Filed Aug. 7, 1925. Serial No. 48,721. 7 Claims. (Cl. 224—2.)

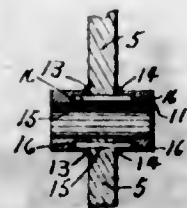


2. A holster of the class described comprising a barrel portion and a trigger guard receiving portion, a catch device for preventing the accidental displacement of a fire-arm inserted into the holster, said catch device being mounted in the trigger guard receiving portion of the holster and encircling and enclosing the trigger guard of a fire-arm placed in the holster, and means on said catch device for engaging the fire-arm to prevent its removal from the holster.

1,641,440. COMPOUND WHEEL. THOMAS J. KELLEHER and HERBERT KAMP, Chicago, Ill. Filed Aug. 17, 1925. Serial No. 50,786. 1 Claim. (Cl. 64—17.)

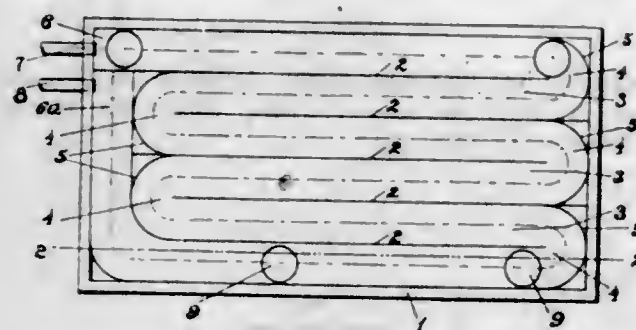
In a wheel provided with a rim, a web member consisting of a metal disk of substantially the same diameter as the inner diameter of said rim, and provided with a central aperture and with additional spaced apertures, in combination with a hub comprising a plurality of members respectively provided with a central aperture corre-

sponding in diameter with the diameter of said central aperture in said web member, and provided with spaced holes, pins extending through said additional spaced aper-



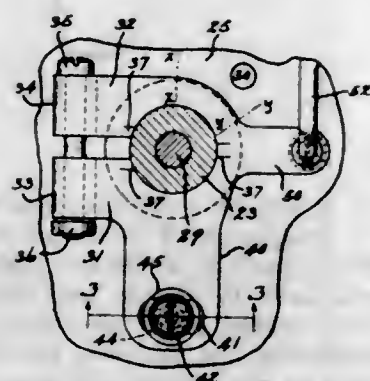
tures and into said spaced holes, said web member and said hub members joined by welding, to isolate said pins from moisture.

1,641,441. FREEZING METHOD. ROBERT E. KOLBE, Erie, Pa. Filed June 9, 1925. Serial No. 35,897. 3 Claims. (Cl. 62-170.)



1. The method of freezing materials which consists in establishing a moving liquid having a freezing point below that of the material to be frozen and having a temperature below the freezing point of the material to be frozen, arranging the material to be treated in buoyant receptacles and subjecting the receptacles to movement through the flow of the liquid and to the temperature of the liquid as it is moved.

1,641,442. IGNITION APPARATUS. FREDERICK C. KROEGER, Anderson, Ind., assignor, by mesne assignments, to Delco-Remy Corporation, Dayton, Ohio, a Corporation of Delaware. Filed Mar. 12, 1924. Serial No. 698,582. 2 Claims. (Cl. 200-19.)

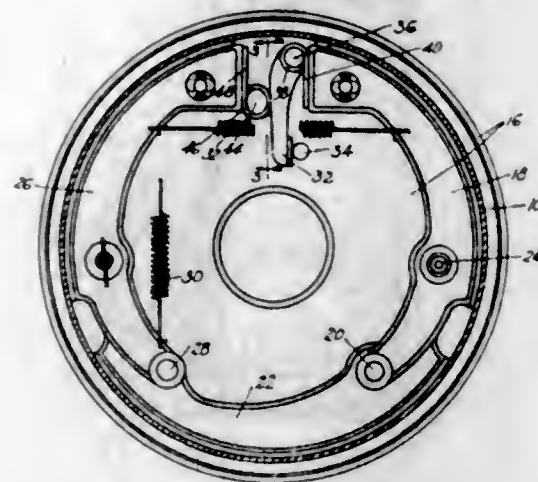


1. A clamp for securing an operating member to the shank of an ignition timer, and comprising a relatively thin, flat member having an aperture for receiving the shank, and clamping arms including aligned tubular portions spaced by a notch extending to said aperture, the clamping arms being substantially greater in width of cross section near the tubular portions than portions adjacent the opposite side of the aperture, the width of any portion of the clamping arms being substantially greater than the thickness of the member; a bolt extending through the tubular portions; and a nut cooperating

with the bolt to cause the arms to tightly embrace the shank, the bending of the arms taking place chiefly about the side of the shank opposite the bolt.

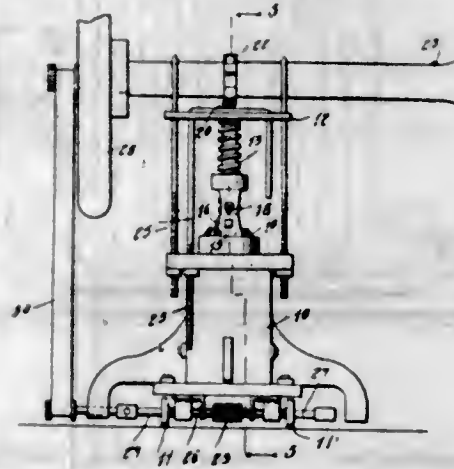
2. A clamp according to claim 1 in which the flat member is provided with lugs offset from the main portion of the member and adapted to provide clamping grips which bite into the shank of the timer housing when the arms of the clamp are drawn together, two of the lugs being each located adjacent the notch spacing the tubular portions and at least one other lug being located on the opposite side of the aperture.

1,641,443. BRAKE. LUDGER ELIZE LA BRIE, South Bend, Ind., assignor to Bendix Brake Company, Chicago, Ill., a Corporation of Illinois. Filed Aug. 1, 1925. Serial No. 47,410. 12 Claims. (Cl. 188-194.)



1. A brake comprising in combination, a drum, a pair of shoes having their adjacent ends anchored within the drum, a third shoe arranged to operate one of the pair of shoes, a lever between the end of the third shoe and the unanchored end of the other of the pair of shoes, arranged when operated to pry the shoes apart against the drum, and means for adjusting the point of engagement between the end of one of the shoes and the lever.

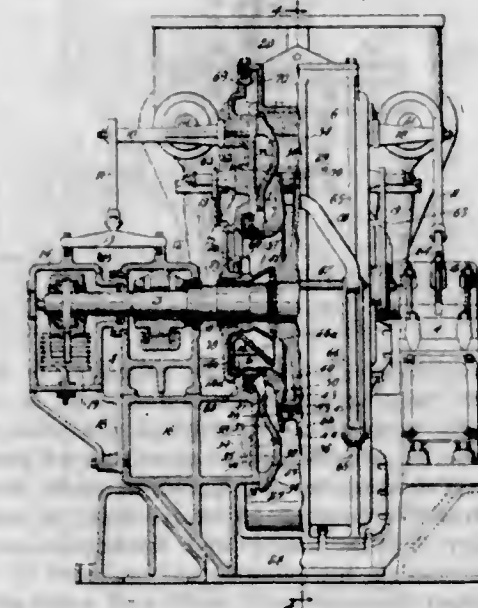
1,641,444. ROLLING AND MOTOR PROPELLED JACK. CONNIE W. LEE, Paducah, Ky. Filed Aug. 26, 1924. Serial No. 734,304. 2 Claims. (Cl. 180-1.)



1. A motor vehicle jack, including a base, a shaft journaled on said base, rollers supporting the base and secured for rotation with the shaft, another shaft journaled on the base, a train of gears connecting the shafts

to rotate them in the same direction, the last mentioned shaft being adapted to be driven from an axle shaft of a vehicle.

1,641,445. PULVERIZING APPARATUS. WILLIAM J. A. LONDON, Hartford, Conn., assignor to International Combustion Engineering Corporation, a Corporation of Delaware. Filed Jan. 28, 1925. Serial No. 5,193. 20 Claims. (Cl. 83-11.)



1. A pulverizer comprising a rotary impeller and a shaft therefor, a casing for said impeller comprising portions separable at said shaft, and an annular guard around said shaft within the casing, removable with the shaft when the casing is opened.

1,641,446. COFFEE TABLET AND PROCESS OF MAKING SAME. FRANCIS P. MCCOLL, Ridgewood, N. J., assignor to Compact Coffee Corporation, a Corporation of Delaware. Filed Sept. 2, 1926. Serial No. 133,303. 3 Claims. (Cl. 99-11.)

1. The herein described process of forming coffee units, consisting in mixing a measured quantity of roasted disintegrated coffee bean with a measured quantity of coffee concentrate and moulding the resultant product into cakes under pressure.

2. A coffee unit consisting of roasted disintegrated coffee bean impregnated, enriched and held together by a coffee concentrate.

1,641,447. MEASURING INSTRUMENT. PHILIP K. MCGALL, West Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Oct. 22, 1919. Serial No. 332,418. 7 Claims. (Cl. 33-172.)

1. A measuring instrument comprising a casing, a graduated plate mounted on said casing, a plunger, a rod, resilient means for holding said plunger in abutment with said rod, a vibratory element connected with said rod whereby any vibrations of a revolving member upon which said plunger is placed will cause said element to vibrate for indicating said variations, and means for changing the natural frequency of said element to accord with the speed of said member.

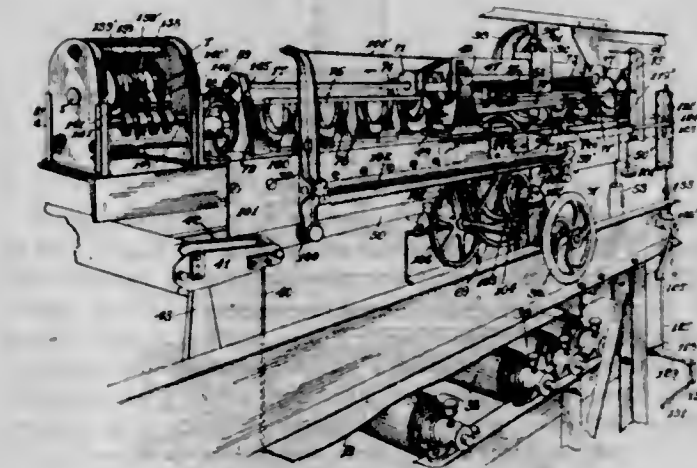
7. In combination, a plate, a vibratable element mounted on said plate, means whereby said element may be attuned to different rates of vibration, a series of substantially aligned and contacting elements, one end element of the series being arranged for application to a rotating body, and mechanical connections between the other end element of the series and said vibratable ele-

ment, whereby the latter will be caused to vibrate if the portion of the rotating body with which contact is made is eccentric, there being a scale marked on said



plate adjacent said vibratable element in accordance with which the degree of vibration may be observed and the corresponding eccentricity determined.

1,641,448. MATERIAL-FEEDING MEANS. HERBERT L. MERRICK, Passaic, N. J. Filed Aug. 13, 1924. Serial No. 731,711. 33 Claims. (Cl. 83-44.)

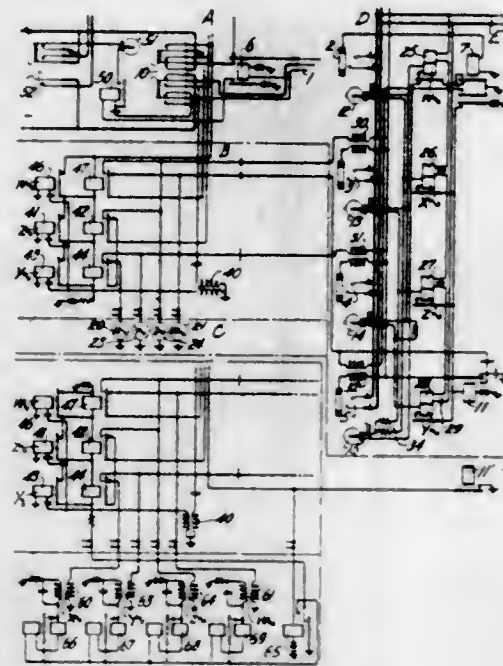


1. In apparatus for the purpose specified, a hopper, weighing mechanism, including a load receiver, means to regulate the delivery of material from the hopper, and means independent of the weighing mechanism to actuate said regulating means controlled from the weighing mechanism through the load supported by the load receiver without imposing a stress upon the weighing mechanism.

1,641,449. TELEPHONE SYSTEM. HENRY W. O'NEILL, Elmhurst, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a Corporation of New York. Filed Dec. 19, 1925. Serial No. 76,358. 12 Claims. (Cl. 179-43.)

6. In a system for signaling by means of currents at different frequencies, line circuits, a signal transmitter, means for connecting said transmitter to said lines,

sources of alternating currents at a plurality of frequencies, and frequency controlled means rendered effective by the connection of the transmitter to a line for selectively controlling the association of current frequencies with said transmitter.



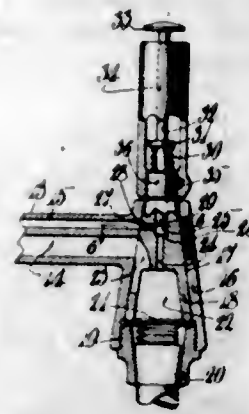
1. In a telephone switching system, a plurality of line circuits, a lamp signal for each line, a lamp signal common to the lamp signals of the lines, means including a source of alternating current for energizing any of said first mentioned lamps, and a transformer energized by the current for said lamps for energizing the common lamp signal.

1,641,450. TELEPHONE SYSTEM. HENRY W. O'NEILL, Elmhurst, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Jan. 27, 1926. Serial No. 84,014. 17 Claims. (Cl. 179-71.)



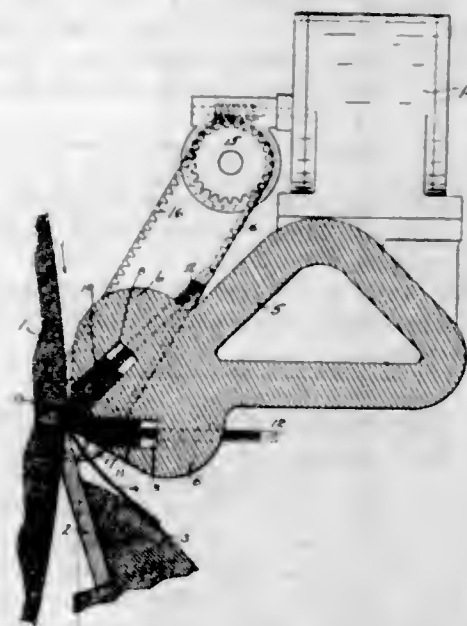
1. In a telephone switching system, a plurality of line circuits, a lamp signal for each line, a lamp signal common to the lamp signals of the lines, means including a source of alternating current for energizing any of said first mentioned lamps, and a transformer energized by the current for said lamps for energizing the common lamp signal.

1,641,451. ROCK-DRILLING MECHANISM. CHARLES F. OSGOOD, Claremont, N. H., assignor to Sullivan Machinery Company, a Corporation of Massachusetts. Filed Dec. 26, 1922. Serial No. 609,128. 23 Claims. (Cl. 121-9.)



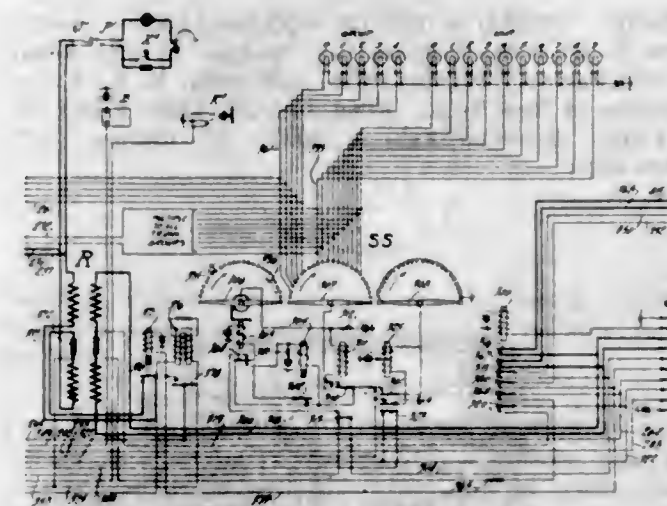
1. In a drilling mechanism, the combination with a drilling motor, feeding means therefor, and a manual grasping handle projecting laterally at one side of the drill, of means for controlling the operation of both said motor and said feeding means including ports and passages permitting the passage of motive fluid through the handle to said drilling motor and feeding means, and controlling mechanism for enabling the operator to control the flow of fluid through said ports and passages, said mechanism being arranged wholly at the outer extremity of said handle.

1,641,452. DRIVEN PRESSURE BAR FOR VENEER MACHINES. GEORGE H. OSGOOD, Tacoma, Wash. Filed Aug. 11, 1926. Serial No. 128,028. 5 Claims. (Cl. 144-213.)



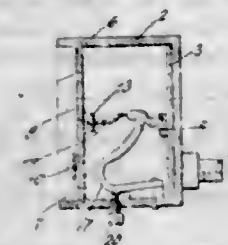
1. A veneer lathe pressure bar comprising a strain-carrying member fed in fixed relation to the surface of the log in the lathe; a cylindrical roller bar mounted in said strain-carrying member and adapted to apply pressure on the log at a point adjacent the cutting edge of the lathe knife, said roller bar being adapted to turn freely on its axis under the action of the friction between it and the log; and means adapted to rotate said roller bar when its speed of rotation falls below a predetermined rate.

1,641,453. SERVICE OBSERVING EQUIPMENT FOR TELEPHONE SYSTEMS. JOHN E. OSTLINE, Chicago, Ill., assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill., a Corporation of Delaware. Filed Nov. 20, 1922. Serial No. 601,951. Renewed Nov. 12, 1926. 52 Claims. (Cl. 179-27.)



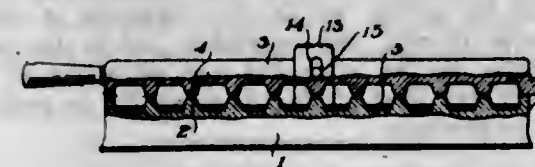
38. In a service observing system, service observing equipment, service observation trunks normally disconnected from said equipment, lines to be observed, and means responsive to a call over any one of said lines for connecting the same to an observation trunk and for connecting such trunk to said equipment.

1,641,454. INDICATING INSTRUMENT. JOHN G. PATY, St. Louis, Mo. Filed Dec. 7, 1925. Serial No. 73,702. 7 Claims. (Cl. 73-110.)



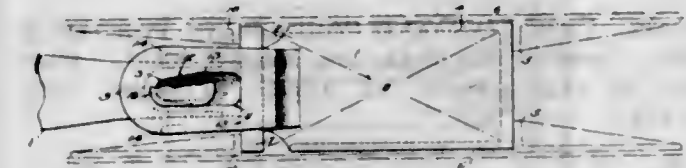
1. An indicating instrument comprising a housing having a liquid inlet opening through one wall, a diaphragm in the housing, a curved arm in the housing having one end attached to the housing wall and the other end curving toward and terminating approximately at the axis of the housing, a lever pivoted near the latter end of said arm, an element in connection with said diaphragm contacting with said lever and arranged to contract under heat in the approximate ratio that the liquid admitted through said opening expands under heat, a lever pivoted near one side of said housing and having a slot into which said first lever extends, and an indicator device pivoted near the opposite side of said housing and being engaged and operated by said second lever.

1,641,455. WAFFLE IRON. GEORGE B. QUATMAN, Sidney, Ohio. Filed June 29, 1926. Serial No. 119,316. 3 Claims. (Cl. 53-10.)



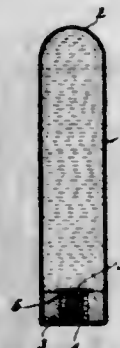
1. A cooking utensil comprising a baking iron formed on its bottom with impression elements, a lid hingedly secured to said iron, a flat batter receiving member having holes through which the impression elements of said iron project, and means connected between said member and lid to raise the cake above said elements after it has been baked upon said member, for the purpose specified.

1,641,456. DRAFT GEAR. WILLIAM J. REGAN, Pittsburgh, Pa., assignor to The McConway & Torley Company, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed May 9, 1923. Serial No. 637,808. 7 Claims. (Cl. 213-65.)



1. A draft gear involving a yoke device provided with a casing and having spaced arms integrally united to said casing and extending forwardly therefrom, said arms being provided with vertically aligned slots and being integrally connected at opposite sides by tie members spaced forwardly from the forward end of said casing, a car coupler interposed between and longitudinally movable with respect to said arms, a removable key extending through said coupler and the slots of said arms for transmitting draft strains from said coupler to said yoke device, and a follower movably mounted between said arms and projecting laterally beyond the same between said tie members and the forward end of said casing, said follower and the forward end of said casing being adapted to stand in overlapping relation to follower stops carried by the car for engaging said follower.

1,641,457. TIRE-INFLATING MEANS. CHARLES ROMER, Newark, N. J. Filed Feb. 18, 1925. Serial No. 10,085. 2 Claims. (Cl. 221-73.5.)



1. A cartridge for inflating tires, comprising a container closed by a plug having a screw-threaded opening, the threads of said opening being adapted to mesh with those on the exterior surface of the valve stem of the inner tube of a tire, and a disk for closing said opening soldered to the inner face of said plug, the solder seal between said disk and said plug being adapted to be broken upon screwing said container onto the valve stem, said container holding a charge of liquefied gas.

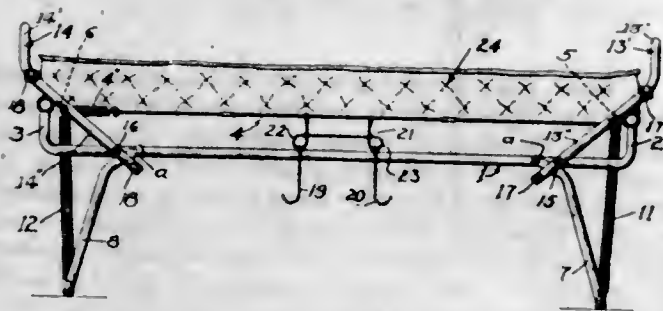
1,641,458. LAUNDRY CARRIER. JESSE E. S. RUSSELL, Los Angeles, Calif. Filed Apr. 21, 1926. Serial No. 103,492. 16 Claims. (Cl. 104-91.)



3. A carrier of the character described including a beam, projections on the beam to hold laundry, two spaced wheels at each end of the beam, means operatively

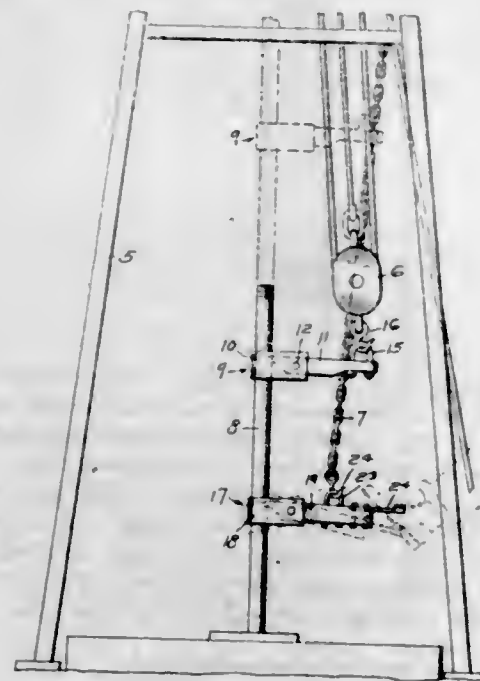
connecting one of the wheels at one end of the beam with one of the wheels at the other end of the beam, and a trackway supporting the beam through the wheels so that it is movable between a loading and an unloading position.

1,641,459. UPEDGING AND COLLAPSING PORTABLE BED. ARTHUR SANTERRE, Los Angeles, Calif. Filed Jan. 26, 1925. Serial No. 4,756. 3 Claims. (Cl. 5-179.)



1. A portable bed comprising a frame, legs mounted on each end of said frame, bed ends pivoted to the ends of said frame and adapted to fold inwardly upon the bed; the pivots of said ends being arranged to form stops to prevent the legs from collapsing towards the end of the bed; and springs connected to the legs of the bed and to the bed frame rearwardly of the pivots of the legs so as to yieldingly hold the legs against the stops.

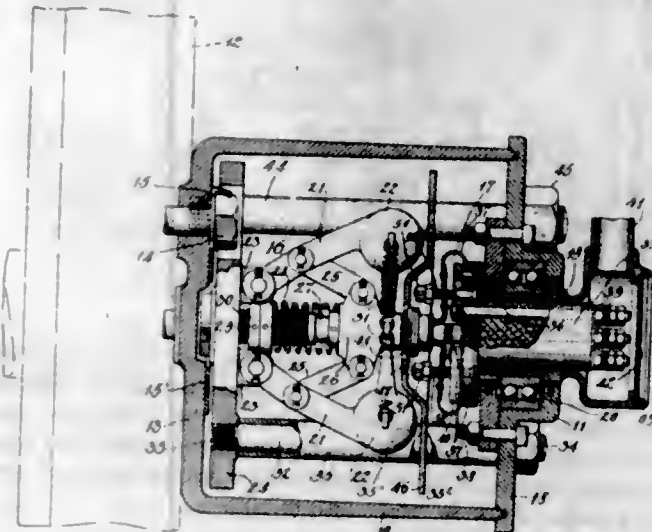
1,641,460. PUMP JACK. CHARLEY F. SCHAEFFER, Oakley, Kans. Filed July 22, 1926. Serial No. 124,178. 1 Claim. (Cl. 254-31.)



In apparatus of the character described, an upstanding support, an operating grip embodying a socket for receiving the pipe and a lever pivoted within the socket and having a jaw to engage the pipe, a block and tackle suspended from the support above the operating grip and connected with the lever outwardly of its pivot, said block and tackle embodying a flexible element extending to one side of the upstanding support, a holding grip arranged beneath the operating grip and including a socket to receive the pipe, a lever pivoted within the socket and having a jaw to engage the pipe, an attaching element secured to the last named lever outwardly of its pivot, a suspension element secured to the upstanding support above the holding grip and secured to the attaching element whereby the holding grip is supported at a suitable elevation to permit of the outer end of the last named lever being swung downwardly sufficiently so that its jaw will release

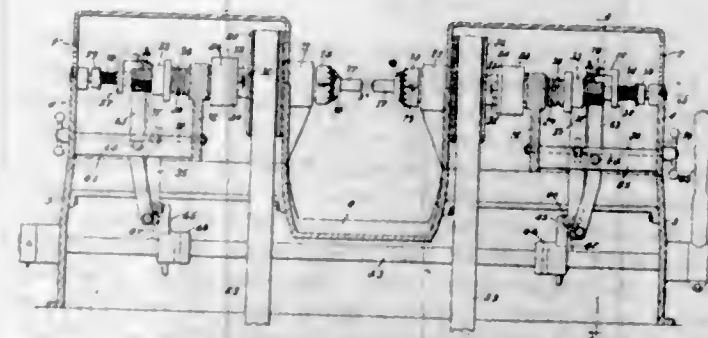
the pipe when it is desired to lower the pipe, and a foot engaging element attached to the outer end of the last named lever, the foot engaging element and said flexible element extending to the same side of the upstanding support and being in close relation.

1,641,461. SPEED CIRCUIT CONTROLLER. ARCHIBALD G. SHAVER, Chicago, Ill., assignor to The Regan Safety Devices Company, Inc., New York, N. Y., a Corporation of New York. Filed Jan. 24, 1923, Serial No. 614,648. Renewed Feb. 3, 1927. 27 Claims. (Cl. 246-182.)



1. In combination with a wheel and axle of a vehicle, a speed control apparatus comprising a casing having a part connected to the wheel and axle and carried thereby, a cover for the casing removable therefrom without detaching the casing from the wheel and axle, and speed control mechanism housed by the casing including means carried by the cover and removable therewith.

1,641,462. BUTTON-MAKING MACHINE. CARL O. STONELGREN, Rockton, Ill. Filed Oct. 20, 1924. Serial No. 744,568. 7 Claims. (Cl. 79-16.)

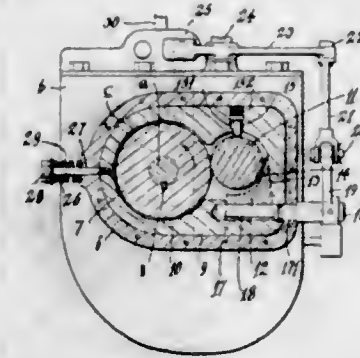


1. In a button blank cutting machine, the combination with a pair of aligned oppositely facing tubular saws, of means for chucking the blank to be cut between said saws, means for rotating said saws, means for advancing and retracting said saws each partly through the blank from opposite sides of the latter respectively, the saw advancing and retracting means of one saw being timed to operate with a slight lead over that of the other, the said chucking means having means for supplying a liquid under pressure thereto, and automatic means for operating the latter in the advancing and retracting of the saws to admit and shut off the liquid in the in and out movements respectively.

1,641,463. MEANS TO PREVENT REVERSE ROTATION OF ROTARY MEMBERS. ROBERT LEE WALLACE, Los Angeles, Calif. Filed Apr. 21, 1926. Serial No. 103,517. 5 Claims. (Cl. 188-30.)

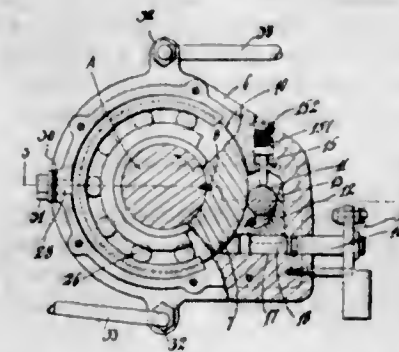
1. A means of the character described comprising a chambered member, a rotary member extending through the chamber, a dog in the chamber to engage the rotary

member, means in the chamber wedgeable between the dog and one side of the chamber to move the chambered member into position to engage the opposite side of said



chamber with the rotary member, and means yieldingly resisting movement of said chambered member to said position.

1,641,464. MEANS TO PREVENT REVERSE ROTATION OF ROTARY MEMBERS. ROBERT LEE WALLACE, Los Angeles, Calif. Filed Apr. 21, 1926. Serial No. 103,518. 5 Claims. (Cl. 188-30.)



1. A means of the character described comprising a rotary member, a bearing on the rotary member, a housing supported on the bearing and shiftable sideways on said bearing, a dog in the housing to engage the rotary member, means in the housing operable against the dog and one side of the housing to move the housing into position to engage the opposite side of the housing with the rotary member, and means yieldingly holding the housing against movement to said position.

1,641,465. INCANDESCENT ELECTRIC BULB. FRANK L. WEISS, Bronx, N. Y. Filed Feb. 23, 1926. Serial No. 90,023. 3 Claims. (Cl. 176-27.)



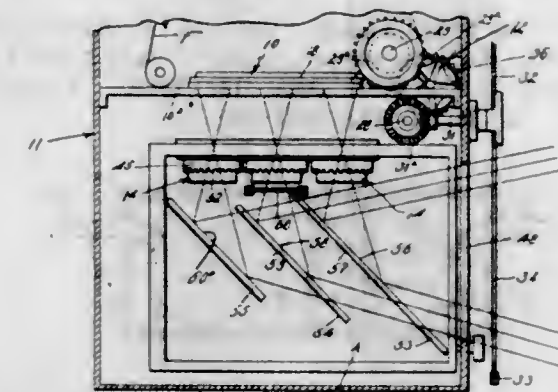
1. In a device of the class described, having a plug portion with side openings, the combination of a ring fixed to said plug portion, screws passing through said plug portion and ring, said screws having heads exterior to the plug, supports formed with slots, the bottoms of said screws passing through said slots, nuts on the bottom of said screws, said supports being also formed with vertical slots, pins engageable in said vertical slots, and lock screws and nuts engageable with said pins and said supports, said pins projecting through the side openings of said plug.

1,641,466. COLOR MOTION-PICTURE PHOTOGRAPHY. WALTER L. WRIGHT and STANTON MACDONALD WRIGHT, Los Angeles, Calif. Filed Feb. 4, 1924. Serial No. 690,444. 1 Claim. (Cl. 88-164.)

A motion picture camera including means for intermittently advancing a film, an aperture plate at the film and having three apertures spaced apart distances sub-

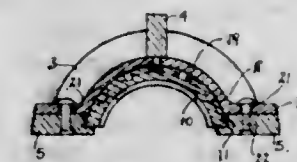
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stantially equal to one picture area of the film, means for directing light through the apertures to expose the film including light dividing plates arranged directly in the path of light from the subject and in spaced relation one behind the other each operating to reflect part of the



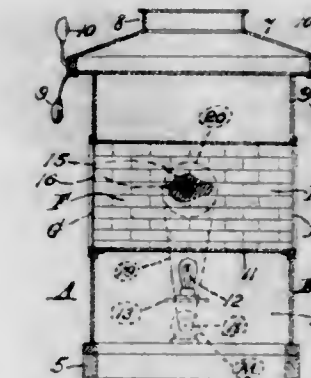
light through an aperture and a reflector spaced behind the dividers to direct the light passed by the divider through one of the apertures, and means whereby the light directed through the several apertures is different chromatically.

1,641,467. FLEXIBLE PIPE-ENGAGING SLIP. THOMAS W. ADAIR, Houston, Tex. Filed Feb. 16, 1926. Serial No. 88,674. 9 Claims. (Cl. 24-263.)



1. In a pipe engaging slip of the character described, a single flexible pipe gripping jaw adapted to be bent transversely, and means on said slip to bend said jaw into conformance with the shape of the pipe and force said jaw into engagement with the pipe during operation.

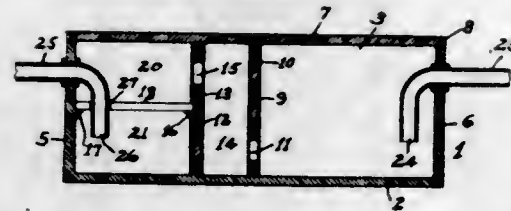
1,641,468. ADVERTISING DEVICE. HARRY M. ARNS, Glendale, Ohio, assignor to Howard G. Kottenbrook, Cincinnati, Ohio. Filed July 15, 1925. Serial No. 43,819. 1 Claim. (Cl. 40-126.)



An advertising device comprising a building-structure made, in effect, to simulate a barbecue-oven, such building-structure having an open or tunneled oven-chamber from front to rear thereof, vertical grating bars in the opposite ends of the said tunneled oven-chamber, a horizontal rod or spit-bar arranged in said oven-chamber and adapted to support imitation meats or the like in a roasting barbecue fashion, means for rotating the said spit-bar, a transparent red-glass bottom in the said oven-chamber, means beneath the said transparent bottom of the oven-chamber for casting a reddish glow into the oven-chamber in due simulation of a roasting fire, advertising plane outer-surfaces on the structure, and reflector-armed

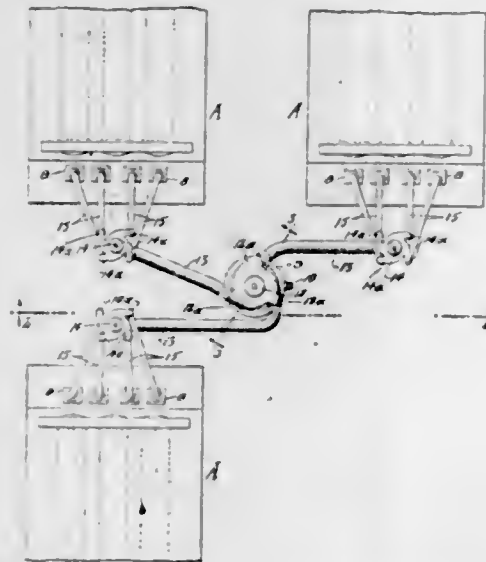
Illuminating-lamps distributed over the structure for concentrating and directing their rays of light on the advertising surfaces in producing a brilliant and distinctly visible display, substantially as shown and described.

1,641,469. SEPTIC TANK. OTIS M. C. BAKER, Jeanette, Pa., assignor of one-fourth to Joseph De Paolo, Jeanette, Pa. Filed Jan. 11, 1926. Serial No. 80,512. 1 Claim. (Cl. 210-6.)



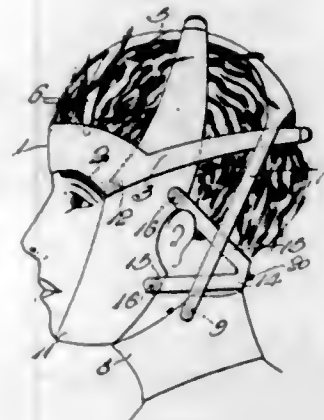
In a device for the purpose set forth, a septic tank comprising a rectangularly shaped body portion; a cover therefor; a forwardly disposed, vertically extending partition removably mounted in said body portion; a rearwardly disposed, vertically extending partition removably mounted in said body portion; said partitions dividing said body portion into a front compartment, an intermediate compartment, and a rear compartment; said forwardly disposed partition formed with an aperture formed adjacent to the upper end thereof; said rearwardly disposed partition having an aperture formed adjacent to the lower end thereof; an inlet conduit fixed to said body portion and having its inlet port disposed adjacent to the lower end of said rear compartment; an outlet conduit fixed to said body portion and having its inlet port disposed adjacent to the lower end of said front compartment; and a horizontally extending strainer plate removably mounted in said front compartment and disposed above the inlet port of said outlet conduit.

1,641,470. PULVERIZED-COAL SYSTEM. JOHN E. BELL, Brooklyn, N. Y., assignor to Combustion Engineering Corporation, New York, N. Y., a Corporation of New York. Filed Aug. 22, 1923. Serial No. 658,673. 1 Claim. (Cl. 110-104.)



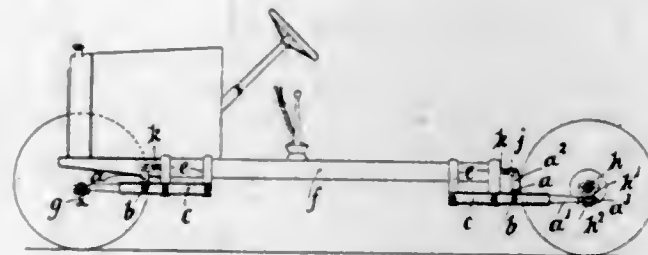
In combination with a pulverized fuel system having a mill and a furnace, a discharge pipe from the mill, a fan adapted to draw fuel in suspension therethrough, a conduit adapted to receive and convey fuel discharged from said fan, a plurality of feeders between said conduit and the furnace and adapted to deliver to a plurality of points of use in said furnace, and a fan interposed between said conduit and said feeders and adapted to receive fuel in suspension from the conduit and distribute it to the feeders through uniformly peripherally disposed discharge openings.

1,641,471. APPLIANCE FOR REMOVING FACIAL DEFECTS. ISABELLE BLISS, Ocean Beach, Calif. Filed Dec. 3, 1925. Serial No. 72,991. 3 Claims. (Cl. 128-164.)



1. An appliance for removing facial defects comprising a forehead strap adapted to pass in front of the forehead, rearwardly at the sides of the head and behind the latter, a tension strap connected at one end to said forehead strap and adapted to pass upwardly and then rearwardly over the head to exert an upward pull on the forehead strap, and a neck-encircling collar to which the other end of said tension strap is connected.

1,641,472. SPRING SUSPENSION FOR VEHICLES. DONALD BROWN, Newcastle-upon-Tyne, England. Filed Sept. 29, 1926. Serial No. 138,468, and in Great Britain Aug. 13, 1925. 3 Claims. (Cl. 267-20.)

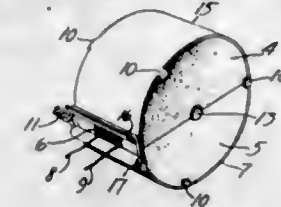


1. A spring suspension for a vehicle comprising a pair of longitudinal tubular frame members extending substantially the length of the vehicle, a spiral load-carrying spring and a rebound spring disposed in opposition within each end of each of said frame members, abutments for said springs within each end of each frame member, a head disposed within the end of each frame member said head being simultaneously acted upon by said springs, hangers rigidly suspended from the ends of said frame members, and front and rear pairs of rockers journaled in said hangers each rocker comprising a cranked lever, the free ends of the normally horizontal arms of the front and rear pairs of rockers being attached to the front and rear axle respectively of the vehicle and the free ends of the normally upright arms of said rockers co-acting with the heads within the frame members to transmit to said sets of springs therein the vertical movements of the axles due to road shocks.

1,641,473. INDUCTION COIL. STANISLAS Z. CHYLINSKI, New York, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Dec. 18, 1923. Serial No. 681,358. 10 Claims. (Cl. 175-360.)

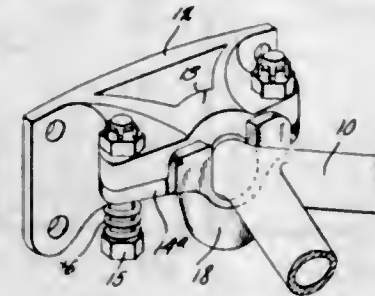
1. An inductance coil comprising a winding and a core of magnetic material, said core comprising a section within said winding composed of one magnetic material

and a section without said winding composed of a second magnetic material of higher permeability than said first



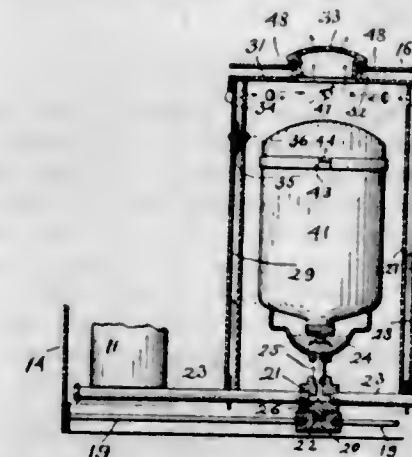
magnetic material, all points on the surface of said second section being at substantially the same magnetic potential.

1,641,474. RADIUS AND STEERING ROD SOCKET. GEORGE F. COLLEY, Richmond, Va., assignor to Hugh H. Weedon, Richmond, Va. Filed July 30, 1925. Serial No. 47,128. 2 Claims. (Cl. 287-87.)



1. In a ball and socket connection, a socket section, a cap section, the sections having matching recesses, a ball member having a ball and a shank, the ball of the ball member seating in the said recesses, means yieldably connecting the sections for limited relative separation, and spaced lugs carried by one of said sections and embracing the shank of the ball member adjacent the ball and extending across the juncture of the two sections beyond the center of the shank of the ball member.

1,641,475. OIL STOVE. PAUL W. COPPOCK, South Euclid, Ohio, assignor to Maurice J. Coppock, Perry, Ohio. Filed Sept. 21, 1925. Serial No. 57,547. 7 Claims. (Cl. 126-45.)

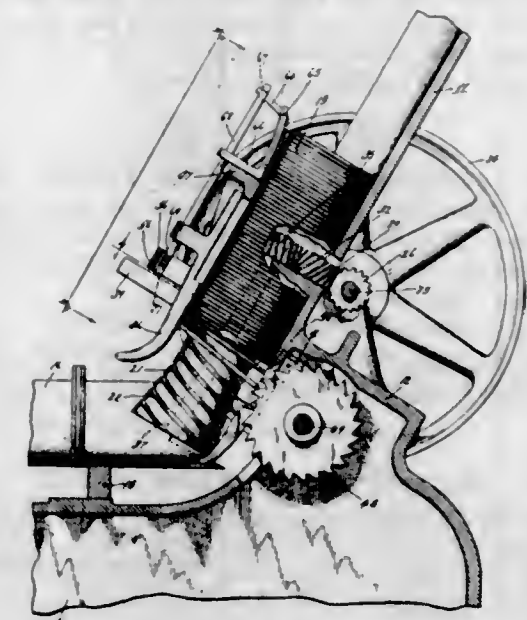


1. In stoves of the character described, the combination of a casing, a top on said casing having burner openings therein, a step-bearing in said casing, a member rotatable on said step-bearing, a fuel chamber above said member and the wall of which rotatably engages an opening in said top, and a plurality of burners carried by said member and rotatable therewith.

1,641,476. CAN-COVER-COUNTING MACHINE. JOHN RICHARD EDWARDS, Vancouver, British Columbia, Canada, assignor to American Can Company, New York, N. Y., a Corporation of New Jersey. Filed May 1, 1924. Serial No. 710,286. 10 Claims. (Cl. 226-14.)

1. A machine for counting can ends, comprising parallel grooved and flared drums for grasping, separating and

conveying said ends, counting mechanism, and means actuated by the covers as they are held and propelled by said drums for operating said counting mechanism.

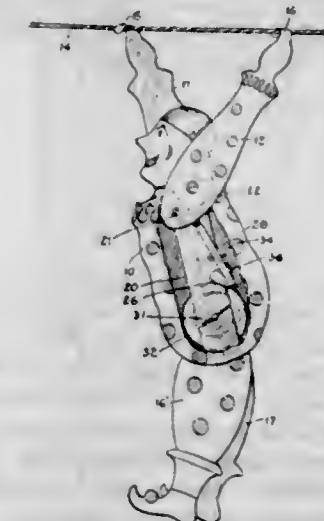


6. A machine for counting can ends, comprising grooved elements for holding can covers against sidewise pressure and feeding the covers so held in separated relationship, a ratchet wheel actuated by contact with said covers, and means for terminating the feeding of the covers after predetermined rotary movement of said ratchet wheel.

8. A machine for counting can ends, comprising a delivery chute, a stacking chute, means for transferring the can covers from one said chute to the other, means for counting the covers so transferred, and means controlled by the stacked covers in the delivery chute for preventing the transfer of covers when the supply thereof runs low in said delivery chute.

10. A machine for counting can ends, comprising a delivery chute, a stacking chute, means for separating individual covers from a stack in said delivery chute, means for transferring the separated covers to said stacking chute, means for counting the covers so transferred, and means controlled by the covers in place in the delivery chute for locking said separating means to prevent operation thereof when the supply of covers runs low in said delivery chute.

1,641,477. GYMNASTIC TOY. PETER ESSER, Clifton, N. J., assignor to Louis Marx & Company, Inc., New York, N. Y., a Corporation of New York. Filed Mar. 30, 1923. Serial No. 628,779. Renewed Feb. 18, 1927. 14 Claims. (Cl. 46-10.)



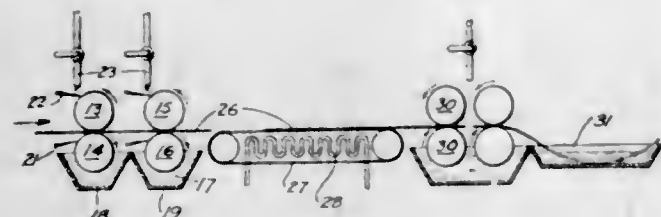
1. A gymnastic toy comprising a toy figure including a body, arms oscillatably mounted on the body for movement overhead with a hand over hand motion and for

imparting a to and fro swinging movement to the body when the figure is suspended for propulsion on a cord or rope, mechanism carried by the body and connected to said arms for imparting the said hand over hand movement to the same, the said mechanism embodying means coordinated with said oscillatably mounted arms for imparting the to and fro movement to the body.

1,641,478. PROCESS OF TREATING PAPER. DOZIER FINLEY, Berkeley, Calif., assignor to The Paraffine Companies, Inc., San Francisco, Calif., a Corporation of Delaware. Filed Sept. 6, 1922. Serial No. 586,441. 4 Claims. (Cl. 92—21.)

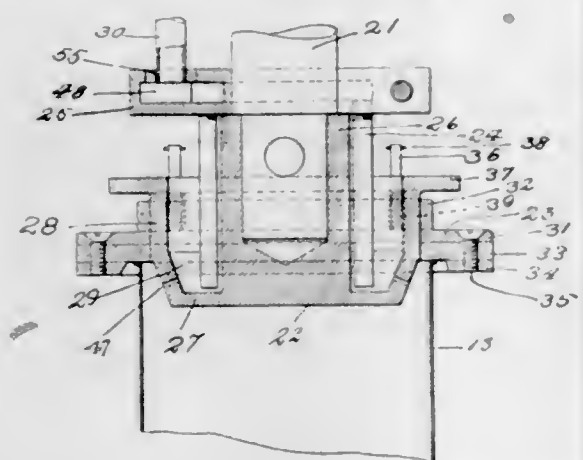
1. The process of treating a formed wet sheet of paper which comprises displacing water normally present therein with an aqueous solution of a salt.

1,641,479. METHOD OF TREATING PAPER BOARD. DOZIER FINLEY, Berkeley, Calif., assignor to The Paraffine Companies, Inc., San Francisco, Calif., a Corporation of Delaware. Filed June 13, 1923. Serial No. 645,088. 2 Claims. (Cl. 91—68.)



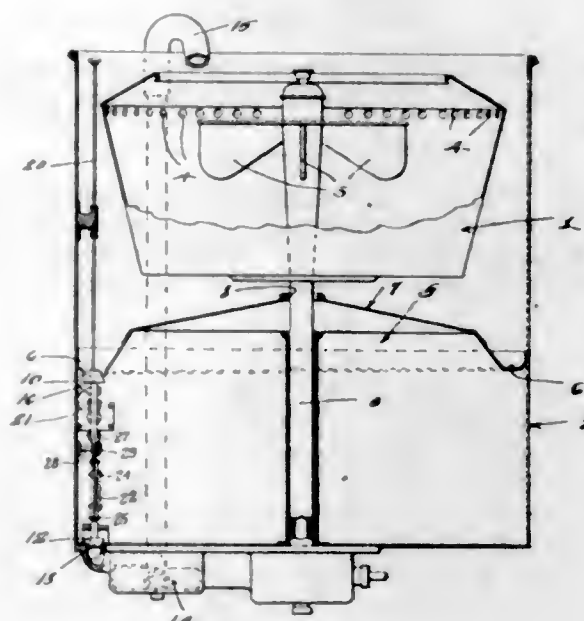
1. The method of treating paper board which comprises applying thereto an aqueous solution of sodium chloride, saccharose, starch glucose and sodium borate and subsequently coating the surface with paraffine.

1,641,480. SUCTION TOPPER. PAUL W. FLEISCHER, Weehawken Heights, N. J., assignor to American Can Company, New York, N. Y., a Corporation of New Jersey. Filed Sept. 13, 1919. Serial No. 323,674. 14 Claims. (Cl. 226—22.)



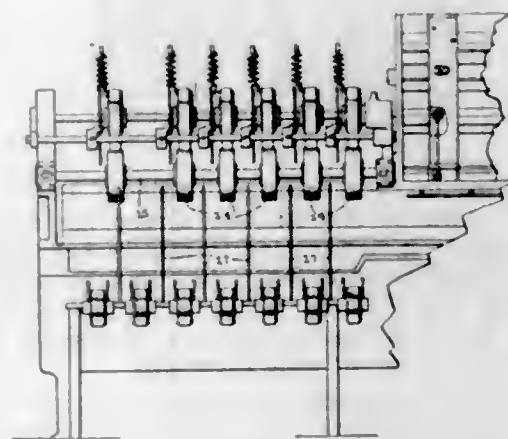
1. A device for levelling the contents of cans and removing excess of said contents, comprising, in combination, a liquid displacing device adapted to be introduced within the open mouth of a filled can, said displacing device having means for tightly closing the top of the can, and having a chamber for receiving a portion of the contents of the can, and being provided with a passage leading from the interior of the can to said chamber, an accumulating chamber having a conduit through which the material may flow thereinto from the chamber of the displacing device, an exhaust pipe leading from said accumulating chamber, and means for raising and lowering the liquid displacing device relative to a filled can.

1,641,481. WASHING MACHINE. ALLAN H. GRAUER, Syracuse, N. Y., assignor to one-half to Chester T. Comstock, Syracuse, N. Y. Original application filed July 14, 1925, Serial No. 43,586. Divided and this application filed Oct. 20, 1925. Serial No. 63,633. 2 Claims. (Cl. 68—18.)



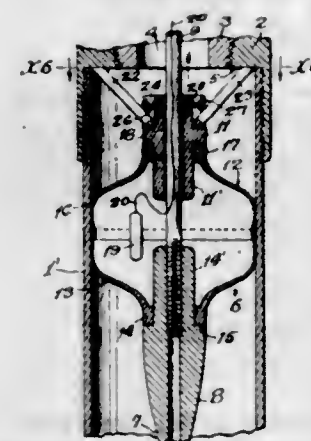
1. In a washing machine, the combination of a vertically arranged tub having a plurality of compartments for different fluids in the lower end thereof, a clothes container arranged in the tub above the compartments and arranged to rotate about a vertical axis, means for rotating it about a vertical axis, a partition arranged in the tub between the container and the compartments comprising a trough extending inwardly from the side of the tub, and a cover coacting with the inner edge of said trough, means for forcing the fluid from any one of the compartments into the clothes container, and valves in said trough operable to control the flow of the fluid from the container back into the compartment from which it came.

1,641,482. SIGNATURE MACHINE. FREDERICK J. GREENE, Racine, Wis., assignor to Christensen Machine Co., Racine, Wis., a Corporation of Wisconsin. Filed July 28, 1922. Serial No. 578,229. 3 Claims. (Cl. 271—72.)



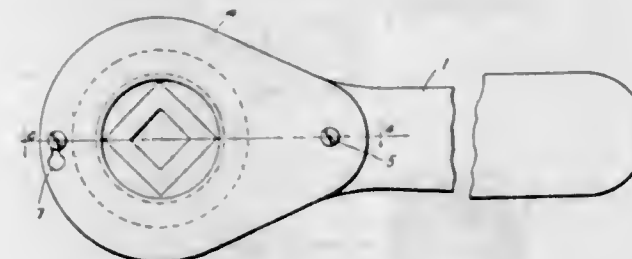
1. In a signature machine, a rail; a delivery belt; a delivery roll adjustable toward and away from said rail and belt; and means for positively holding said roll against movement away from said rail and belt.

1,641,483. MEANS FOR CUTTING OIL-WELL CASINGS AND DRILL PIPE. HASKELL M. GREENE, Whittier, Calif. Filed Apr. 8, 1925. Serial No. 21,598. 12 Claims. (Cl. 81—187.)



1. A torpedo for cutting oil well casing or drill pipe comprising a flexible tube containing an explosive; a rod for supporting said tube, and means to expand said tube against the wall of the casing or pipe on the upward movement of said rod.

1,641,484. WRENCH. MONTIE M. HARMAN, Frederic, Mich. Filed Sept. 25, 1926. Serial No. 137,745. 1 Claim. (Cl. 81—60.)

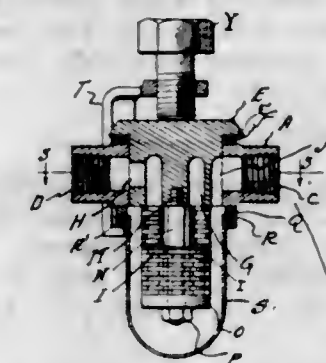


A wrench for the purpose set forth including a handle which merges into a ring head and which has one of its faces provided with an inwardly directed annular flange disposed within the socket of the head, a socket disk received in the socket of the tool head, said disk having openings therein arranged at points opposite the center thereof, the inner walls of the said openings provided with rounded lugs, a dog of a lesser width than the opening freely received one in each of said openings, each of said dogs having an outer and rounded end providing a sharpened edge and an inner concaved edge which rests on the lugs, and a cap plate for the non-flanged face of the head, said cap plate having an opening therethrough to align with the socket opening in the disk, a headed pivot securing the cap plate to the handle of the tool, a spring surrounding the pivot and exerting a pressure against the cap plate, said cap plate having a key-hole opening, and a headed stud on the ring head of the tool to be received through said openings.

1,641,485. FILTER. VICTOR R. HEFTLER, Detroit, Mich. Filed June 7, 1926. Serial No. 114,153. 2 Claims. (Cl. 210—169.)

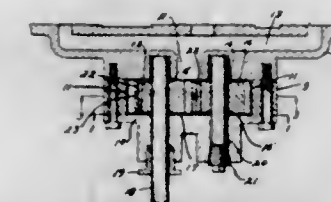
2. A filtering element of generally cylindrical contour, consisting of a correlating element, and a plurality of washer members coaxially positioned thereby in closely assembled relation, certain portions of each washer element being apertured in positions of registry with one another to conjointly form longitudinal passages, and

the peripheral portions of certain of the washers being also cut away circumferentially opposite some of said passages, whereby, in conjunction with the periphery of



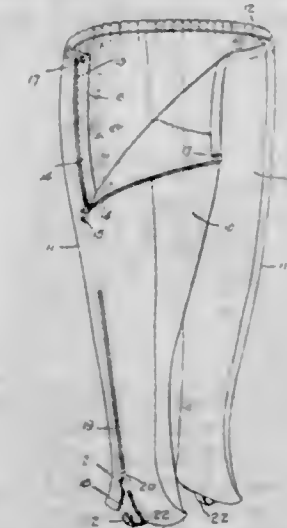
the adjacent washers in the stack, there are constituted numerous radial channels of the thickness of the washers for the filtering passage of a fluid.

1,641,486. GEAR-PUMP OILER. JULIUS P. HEIL, Milwaukee, Wis., assignor to The Heil Co., Milwaukee, Wis., a Corporation of Wisconsin. Filed Dec. 19, 1924. Serial No. 757,027. 3 Claims. (Cl. 103—126.)



1. A gear pump oiler, comprising a casing having circular intersecting gear recesses with flat side faces and inlet and outlet openings, and intermeshing gears positioned in said recesses and having flat side faces which closely fit the side faces of the casing, said gears also having transverse oil ducts which extend through the gears from one side face to the other and also other ducts which extend radially between the side faces from the transverse ducts to the peripheries of the gears to receive oil therein under pressure.

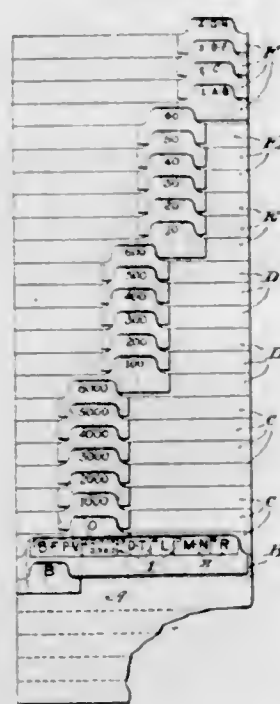
1,641,487. LEGGING. CLIVE E. HOCKMEYER, Lowell, Mass., assignor to Zip-On Mfg. Co., Lowell, Mass., a Corporation of Massachusetts. Filed Apr. 14, 1926. Serial No. 101,893. 4 Claims. (Cl. 2—227.)



1. As an article of manufacture, a legging consisting of an integral leg and body covering and comprising front and back sections permanently attached together along conjunctive edges, the back sections at the legs being open at the outer sides of garment to facilitate application and removal of the latter, hookless fastening means for the openings in the leg portions comprising inter-

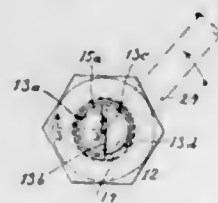
locking members arranged on the edges of the sections defining the openings, a slide operating to bring the members together, an instep strap attached at one end to the leg and separable fastening means arranged on the slide and free end of the instep strap, said fastening means being adapted to cooperate with each other to interengage the slide and strap.

1,641,488. INDEX SYSTEM FOR CARDS AND THE LIKE. WILLIAM HOGE, Youngstown, Ohio, assignor to The General Fireproofing Company, Youngstown, Ohio, a Corporation of Ohio. Filed Sept. 29, 1926. Serial No. 138,480. 13 Claims. (Cl. 129-165.)



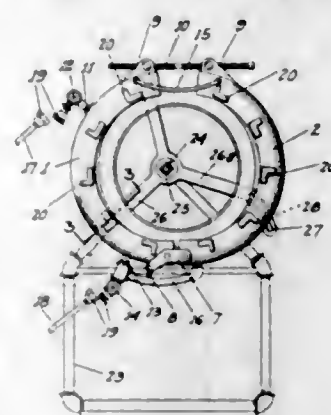
1. An index system for numerically classifying subject matter, including a master index element and a pilot index element having thereon certain pilot letters of the alphabet identified with numerals, and a plurality of numerical indices related to the numerals on the pilot card in accordance with the numerical order of pilot letters in the given word.

1,641,489. SCREW LOCKING AND UNLOCKING DEVICE. JAMES BRUCE HOOD, Forest Hills, N. Y. Filed Jan. 27, 1926. Serial No. 84,087. 3 Claims. (Cl. 151-25.)



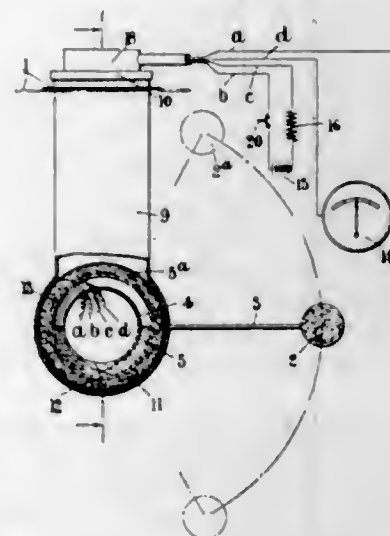
1. A thread-locking and unlocking device, comprising a threaded bolt, provided with a diametrical groove across its engaging end, a threaded nut, fitted to engage with said bolt and provided with a circular depression, on the surface destined to be accessible after engagement with the bolt, said depression to have a circular surface, concentric with and of larger diameter than the bolt, and a detachable locking element, having a straight portion, adapted to be seated in the groove of the bolt, and a resilient curved portion, adapted to fit the depressed part of the nut, so as to tangentially engage the circular surface of said depression and thereby to restrain any unscrewing movement of said bolt.

1,641,490. RETREADING MOLD. JOHN E. HOWELL and GEORGE E. SAPP, Sacramento, Calif. Filed Feb. 24, 1926. Serial No. 90,271. 6 Claims. (Cl. 18-18.)



1. A tire vulcanizing mold comprising hollow sections to completely surround a tire, means connecting the sections and supporting one from the other to enable them to be separated or brought together at will, and supporting means secured to only one section, said means being turnable axially of said section.

1,641,491. RHEOSTAT FOR LIQUID-LEVEL INDICATORS. CHARLES HYLAND, Leeds, England. Filed Oct. 24, 1922, Serial No. 596,619, and in Great Britain Nov. 3, 1921. 14 Claims. (Cl. 201-48.)

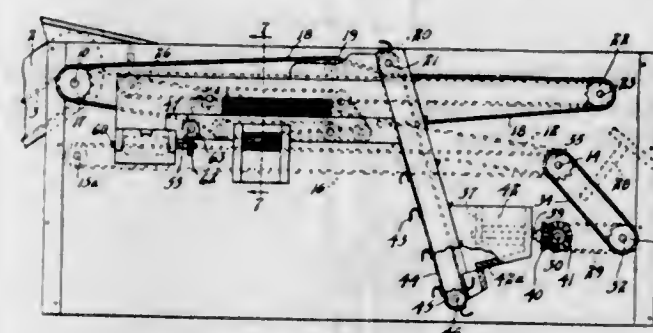


7. In a liquid level indicating means, a float actuated rheostat comprising in combination a float, and a closed body, having an annular passage partially filled with mercury and adapted to undergo rotary movement about its horizontal axis as the float rises or falls, said annular passage possessing a constriction in the walls thereof for damping undue oscillation of said mercury, and a conducting wire, included within an electric circuit mounted within said annular passage, the ends of which are fixed to leads enclosed within a flexible metal tubing said tubing being coiled round to form a spiral, said spiral being mounted coaxially with said body, the ends of said conducting wire being connected to said leads at the inner end of said spiral, thus enabling said body to rotate without breaking the electrical connections of said circuit.

1,641,492. POTATO PICKER, CLEANER, SORTER, AND BAGGER. CHARLIE JASPERSON, Princeton, Minn. Filed Dec. 19, 1923. Serial No. 681,497. 6 Claims. (Cl. 209-119.)

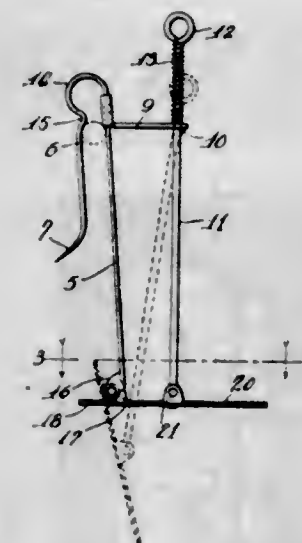
1. A potato handling device adapted to be attached to a standard potato digger and to receive the vines, potatoes and stones discharged therefrom, comprising an

endless carrier for receiving the vines and discharging the same, an endless carrier below said carrier for receiving the potatoes and stones, means for separating said stones from the potatoes, an endless carrier traveling substantially at right angles to said first mentioned carrier adapted to receive said potatoes, an upwardly extending carrier



traveling at the side of and parallel to said first mentioned carrier receiving the potatoes from the last mentioned carrier, a screen to which said potatoes are delivered by said upwardly extending carrier, a chute beneath said screen, another screen of smaller mesh to which said chute delivers, said screen discharging potatoes passing thereover into delivery chutes.

1,641,493. CREAM SEPARATOR. EMIL GOTTFRIED JOHANSON, Chicago, Ill. Filed Aug. 31, 1925. Serial No. 53,536. 6 Claims. (Cl. 210-51.5.)

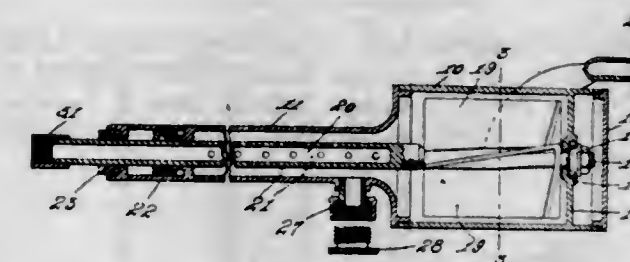


1. In a device of the class described, the combination with a main standard having means at its upper end to rest on the neck of a milk bottle, of a dividing plate pivotally connected to the lower end of said standard, an inwardly extended apertured arm on said standard, a spring-actuated operating rod extended through said aperture to normally about the lower end of said standard, and another curved dividing plate pivotally mounted on the lower end of said rod.

1,641,494. WASHING AND POLISHING DEVICE. EDMOND C. JOSEPH, New Orleans, La. Filed Aug. 17, 1925. Serial No. 50,789. 1 Claim. (Cl. 15-24.)

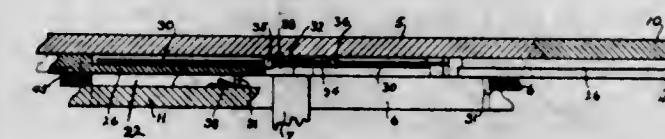
A device of the character described comprising a housing having a discharge pipe extending outwardly from the forward end thereof, a partition arranged within the inner end of the housing and being formed with a ball race, a drive shaft having one end portion journaled in the ball race, the other end portion being hollow and journaled in the discharge pipe, said hollow end portion being provided with apertures in its wall, a bearing on said drive shaft, anti-friction members between said bearing

and ball race, a sleeve fixed to the drive shaft within the housing and having oppositely disposed forwardly inclined propeller blades thereon, inlet ports having com-



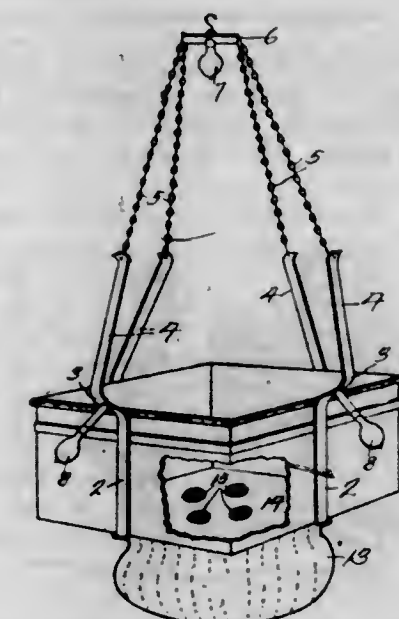
munication with the housing upon diametrically opposite sides thereof and a hollow brush head secured to the hollow end portion of the shaft.

1,641,495. EXTENSION TOP FOR TABLES. GEORGE W. KRICK, Los Angeles, Calif. Filed July 21, 1926. Serial No. 123,953. 3 Claims. (Cl. 45-113.)



1. An extension table embodying a stationary table top, a leaf movable with relation to the table top and having an edge adapted to register with the table top edge, a slide movably connected to the table top for supporting the leaf in its extended position, a latch carried by the slide, a latch plate secured to the under face of the leaf, and a spring mechanism carried by the table top and acting against the slide for forcing the latch into locking engagement with the latch plate, the latch adapted to be disconnected from the latch plate to release the leaf on a movement of the slide.

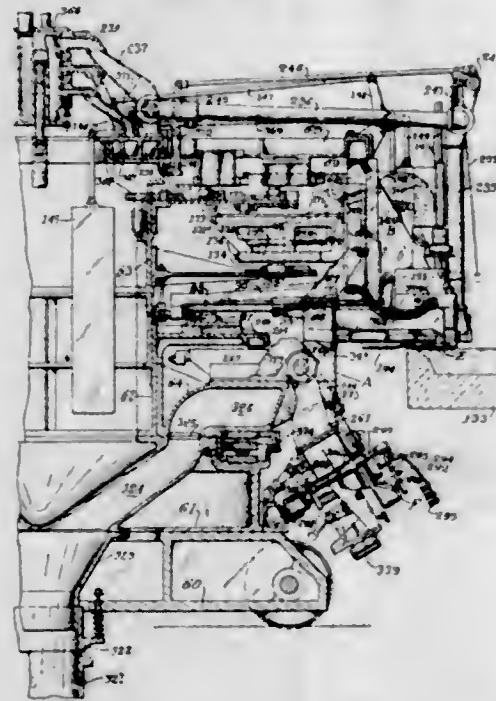
1,641,496. FLOWER BOX AND FISH BOWL. ALPHONS M. KUHL, Omaha, Nebr. Filed Oct. 28, 1925. Serial No. 65,377. 1 Claim. (Cl. 119-5.)



A combined flower box and fish bowl comprising a flower pot receptacle, screened openings in the bottom of said receptacle, a transparent bowl beneath the receptacle, an annular member carried by the bottom of the

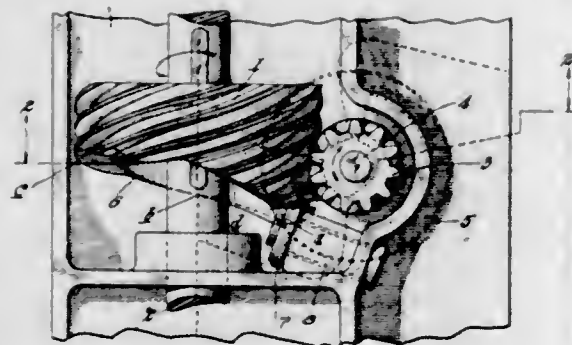
receptacle and means carried by said annular member for receiving and holding the upper end of the bowl in spaced relation to the annular member, thereby forming an annular air passage.

1,641,497. MACHINE FOR FORMING GLASS ARTICLES. RICHARD LA FRANCE, Toledo, Ohio, assignor to The Owens Bottle Company, Toledo, Ohio, a Corporation of Ohio. Filed Apr. 22, 1924. Serial No. 708,172. 9 Claims. (Cl. 49—5.)



4. The combination with means for maintaining a circulation of glass past a gathering area, of a glass forming machine comprising a plurality of heads each carrying a plurality of suction gathering molds, a plurality of cutters on each head cooperating respectively with said molds, means to bring the molds into contact with the molten glass at the gathering area and gather by suction as the carriage rotates, and means to operate the cutters on a head in succession, the cutting operations being timed and arranged to cause the severed glass dropping from each mold to re-enter the pool of glass at a point beyond the gathering area.

1,641,498. MECHANICAL MOVEMENT. FREDERIC J. LASS, Galesburg, Ill., assignor of one-half to Frank M. Connolly, Galesburg, Ill. Filed Jan. 15, 1926. Serial No. 81,361. 1 Claim. (Cl. 74—36.)



Timing gears, comprising a continuously operated driving gear capable of being reciprocated during its rotative movement and provided with a cam surface on one end, a driven gear in mesh with said driving gear, and a roller contacting with said cam surface; said roller acting dur-

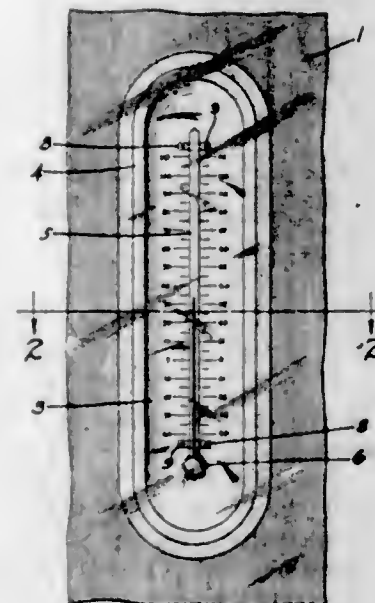
ing a part of the rotation of said driving gear to thrust the driving gear in one direction and accelerate the rotative movement of said driven gear, and the teeth of the driven gear offering resistance to the driving gear during a part of the rotation thereof to thrust said driving gear in the opposite direction resulting in the retarding of rotation of said driven gear.

1,641,499. RETREAD MOLD. FLOYD M. MILFORD, Burkburnett, Tex. Filed June 14, 1926. Serial No. 115,713. 3 Claims. (Cl. 18—18.)



1. A tire retreading mold including a concave body having a chamber therebelow; a drag integral with the said mold body having a series of annular ribs provided with spaced depressions to receive air entrapped in said drag by the clamping of a tire therein; means to permit polishing to a high degree the drag of said mold, and means for introducing a heating medium into said chamber to directly affect said drag and tire.

1,641,500. METHOD OF AND DEVICE FOR MOUNTING THERMOMETERS. FREDERICK W. PAUL, Minneapolis, Minn. Filed Jan. 17, 1927. Serial No. 161,589. 5 Claims. (Cl. 73—52.)



1. In combination with a window pane, a hollow transparent support sealingly secured at its edges to the pane at the outer side, and a thermometer secured to the outer side of the support.

1,641,501. PUMP. LEWIS B. POST, SAMUEL V. LYON, and LOUIS BLUMENFELD, Bradford, Pa. Filed Jan. 17, 1927. Serial No. 161,643. 1 Claim. (Cl. 103—188.)

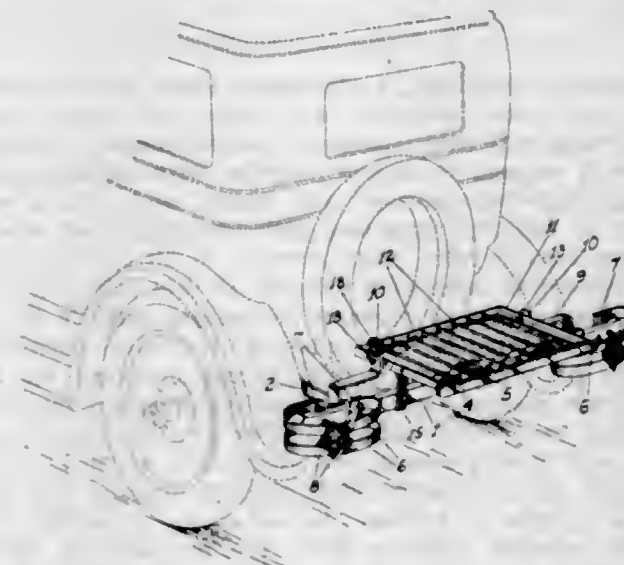
A pump structure of the class described comprising a cylindrical casing, means for closing the lower end of the casing, the intermediate portion of the casing being provided with an opening, a vent pipe leading from the bottom of the casing to a point above the opening exterior of

the casing, a plunger slidable in the casing, said plunger comprising a hollow cylindrical body, a head closing the lower end of the body provided with an opening, a check



valve associated with the opening, a head closing the upper end of the body, a tube connected with said head and provided with a plurality of openings.

1,641,502. COMBINATION BUMPER, LUGGAGE CARRIER, AND TRAILER HITCH ATTACHMENT. LEONARD G. PRICE, Modesto, Calif. Filed Apr. 8, 1927. Serial No. 182,007. 9 Claims. (Cl. 293—55.)

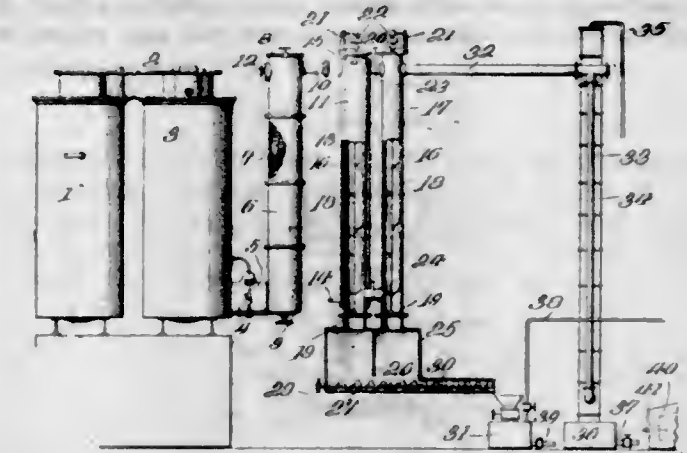


1. A trailer-hitch attachment for a motor vehicle including a rigid beam, means for securing the beam to the vehicle to the rear and transversely of the same, and an orificed lug on the beam centrally of the length thereof.

1,641,503. METHOD OF AND APPARATUS FOR CONDENSING ALUMINUM CHLORIDE. GEORGE L. PRICHARD and HERBERT HENDERSON, Port Arthur, Tex., assignors to Gulf Refining Company, Pittsburgh, Pa., a Corporation of Texas. Filed Feb. 3, 1923. Serial No. 616,768. 6 Claims. (Cl. 23—93.)

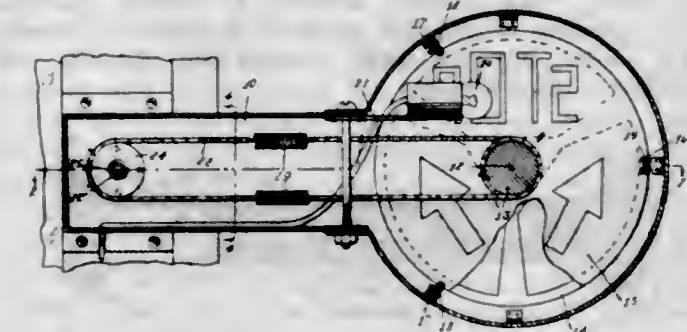
1. The process of condensing aluminum chloride rapidly which comprises conducting a gaseous mixture containing

aluminum chloride vapors to and through a tubular heat radiating chamber while scouring the interior walls of said chamber to prevent accumulation of solid chloride



thereon and to produce formation of such chloride in fine form and removing the produced fine aluminum chloride from the condenser.

1,641,504. SIGNAL DEVICE FOR VEHICLES. SAMUEL G. RICHARDS, Des Moines, Iowa. Filed Mar. 29, 1927. Serial No. 179,276. 1 Claim. (Cl. 116—47.)

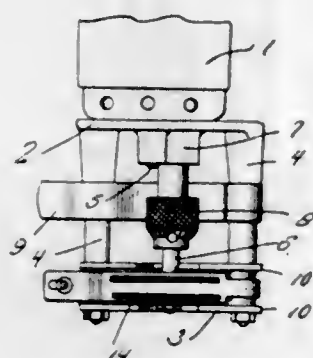


In a device of the class described, the combination of a casing having an opening therein through which a signal may be viewed, a signal device within the casing comprising a disk, two signal marks upon the disk, a pulley fixed to the disk, two stop devices fixed to the casing, a stop device fixed to the disk and capable of successively engaging said stop devices fixed to the casing, a second pulley mounted in the casing, a handle for turning it, means for locking it in two positions of its movement, a flexible connecting member passed around the pulleys, and having two portions thereof extended between the pulleys, and a contractile coil spring in each of said portions of the flexible connecting member between the pulleys, said parts being so arranged relative to each other that when the stop device carried by the disk is in engagement with one of the stop devices carried by the casing, one of the signal marks on the disk will be accurately centered relative to the opening in the casing and firmly held in this position by the resiliency of one of the springs, and at the same time the second mentioned pulley will be locked against rotation, and when the stop device carried by the disks is in engagement with the other one of the stop devices carried by the casing, another one of the signal marks will be accurately centered relative to the opening in the casing and the pulley will be locked in position and the other one of said springs will yieldingly hold the disk in its said position, substantially as and for the purposes stated.

1,641,505. PLASTER-CAST SAW. DUANE G. SAYRE, Meadville, Pa. Filed Dec. 16, 1925. Serial No. 75,788. 2 Claims. (Cl. 128—317.)

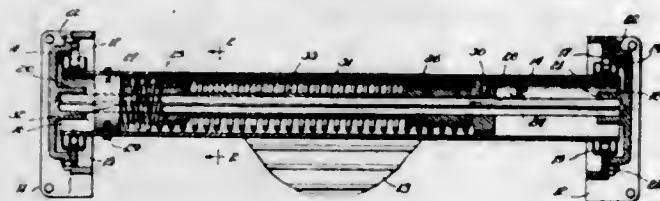
1. A plaster cast saw of the class described including a frame having a head adapted to be attached to a motor and a second head spaced from the first head, means con-

necting the heads and maintaining the same in spaced relation, an arbor mounted in the first head to extend between the two heads, saw means carried by and driven through said arbor, said second head including a pair of parallel spaced plates between which the saw means is



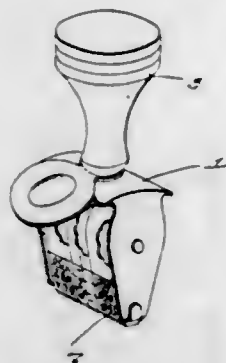
located, a guard pivotally mounted at one end between adjacent ends of the plates and having a slot through which the saw means may extend, a pivoted member mounted between the other ends of the plates, and a screw swivelly mounted at the free end of the guard and threaded through the pivoted member.

1,641,506. FIRE DOOR. SAMUEL P. SMURR, Chicago, Ill., assignor of one-half to Hugo A. Hulse, Chicago, Ill. Filed Nov. 14, 1923. Serial No. 674,621. 16 Claims. (Cl. 189-56.)



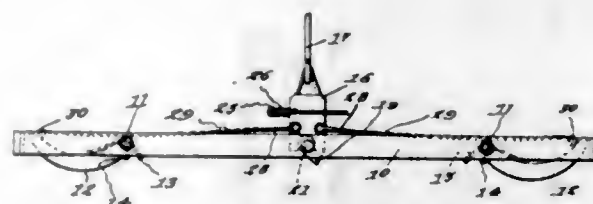
1. In a device of the class described, brackets at opposite sides of a doorway, a curtain-carrying barrel having bearings in said brackets, a spring for balancing the weight of the curtain, and a central shaft serving as a means for applying tension to said spring, the weight of said parts being carried by the barrel resting on its bearings.

1,641,507. HAND STAMP. CLARENCE IRVIN STAGE, Rockford, Ill. Filed Aug. 10, 1926. Serial No. 128,411. 3 Claims. (Cl. 101-111.)



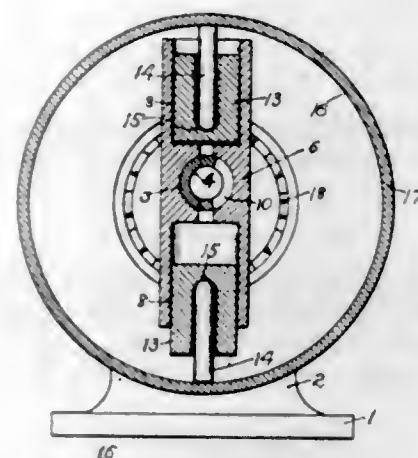
1. In a hand stamp and in combination, a frame or body, a screw carried by the frame or body and having a shank extending upwardly therefrom, a handle extending upwardly relative to the frame or body and receiving the shank of the said screw, and an auxiliary thumb or finger piece having a dish body portion disposed in front of the frame or body also having an apertured arm extending from said body portion and receiving the shank of the screw and arranged in interposed relation between the top of the body or frame and the lower end of the handle.

1,641,508. GAMBREL. VESTER STARK, Fairfield, Iowa. Filed Aug. 2, 1926. Serial No. 126,672. 6 Claims. (Cl. 17-44.)



1. A gambrel comprising a frame member, holding arms carried thereby, and a release mechanism connected with the holding arms and adapted for selective engagement with the frame member.

1,641,509. ROTARY PUMP. ALFRED C. STEWART, Pasadena, Calif. Filed Aug. 6, 1923. Serial No. 656,138. 1 Claim. (Cl. 103-161.)

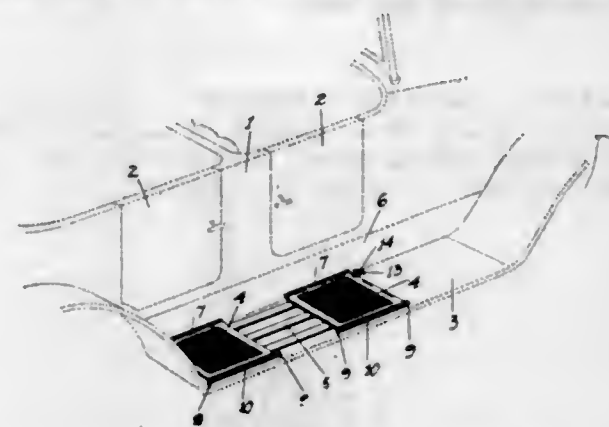


A pump comprising a stationary shaft provided with inlet and outlet passages and with valve ports communicating with said passages, a carrier member mounted to rotate on said shaft and provided with driving means connected thereto at one side thereof and with a plurality of radially extending cylinders, and said carrier member having valve ports adapted to alternately establish connection from each cylinder to said inlet and outlet passages, pistons mounted to operate radially in the respective cylinders and adapted to move outwardly therein by centrifugal action, thrust members for the respective pistons, and a controlling member rotatably mounted beside said carrier member at the opposite side from said driving means, said controlling member enclosing said carrier member only at such opposite side and at the peripheral surface thereof so as to permit said carrier member, together with the pistons and thrust members, to be freely moved axially into and out of position to be so enclosed, and said controlling member being provided with a cylindrical face eccentric to said shaft and adapted to engage said thrust members to force the respective pistons inwardly.

1,641,510. COMBINATION STEP PLATE AND LUGGAGE CARRIER. AXEL SUNDBORG, Sacramento, Calif. Filed July 19, 1926. Serial No. 123,262. 3 Claims. (Cl. 280-104.)

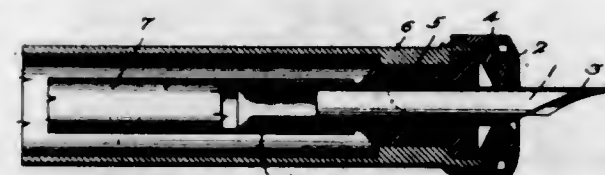
2. A combination step plate and luggage carrier for motor vehicles comprising a plate member to be superimposed on the runningboard of the vehicle, means for mounting the plate at its outer edge onto the runningboard in hinged relation thereto, whereby to permit the

plate to be raised to a vertical position, a wing plate hinged to one side of the plate member and adapted to fold against the back face thereof, and clamping means



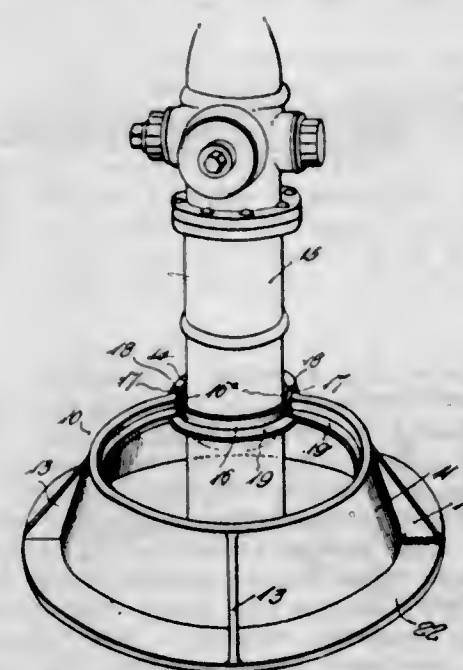
mounted on the runningboard to both engage the plate when horizontally disposed and the wing when the latter is outstretched.

1,641,511. PENHOLDER. GEORGE TRUMAN SWASEY, Raymond, Wash. Filed Feb. 17, 1926. Serial No. 59,073. 1 Claim. (Cl. 120-51.)



In combination with a fountain pen; wherein the fountain pen includes a casing, a well member, and a feeder; a rubber hollow plug in the open end of the casing, means for holding the plug in place, a flexible tube extending integrally from the inner end of the plug coaxially therewith and having an exterior diameter smaller than the exterior diameter of the plug, said well member receiving at its open end the flexible tube, the feeder extending into the hollow plug for the purpose of holding a pen point between the hollow plug and the feeder.

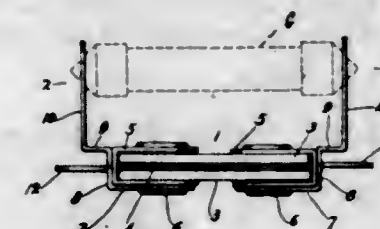
1,641,512. MANHOLE FRAME, COVER, AND HYDRANT-HOLDING ASSEMBLAGE. CHARLES E. VAN HECKE, Stevens Point, Wis. Filed Dec. 23, 1926. Serial No. 156,723. 7 Claims. (Cl. 137-13.)



1. An assemblage of the class described comprising a manhole frame having an upstanding side wall, the

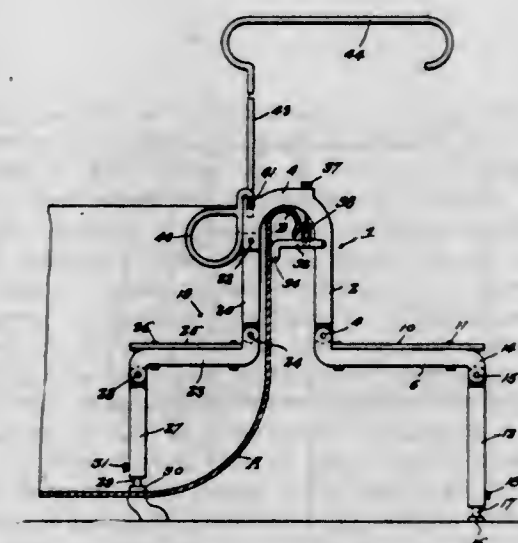
latter being formed with an outwardly bowed portion providing a hydrant seat at the inner side of the frame, releasable means for holding a hydrant in said seat, and a manhole cover resting on the frame and having a notch for disposition at the side portion of the hydrant opposite the aforesaid seat.

1,641,513. SUPPORTING MEANS FOR ELECTRICAL DEVICES. JOSEPH A. WARREN, Mount Vernon, N. Y., assignor to Dubilier Condenser Corporation, New York, N. Y., a Corporation of Delaware. Filed May 6, 1925. Serial No. 28,494. 1 Claim. (Cl. 250-16.)



A condenser having a grid leak supporting clip at each end, each clip having a foot secured against one face of the condenser, a shoulder adjacent the opposite face of the condenser, a shank extending from the shoulder, and a connecting lug stamped from a portion of said shank, the shoulder and a portion between said shoulder and the foot and bent outward between the shoulder and the foot.

1,641,514. STEP FOR BATHTUBS. ANTON WIEBMEYER, Quincy, Ill. Filed Apr. 12, 1927. Serial No. 183,136. 8 Claims. (Cl. 4-185.)

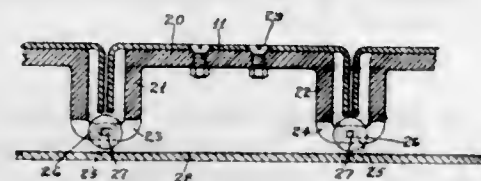


1. In an attachment for bath tubs, a pair of interconnecting step members adapted for disposition on the inside and outside of a bath tub, respectively.

1,641,515. LEER-PAN STRUCTURE. PERCY Q. WILLIAMS, Cincinnati, Ohio. Filed May 7, 1924. Serial No. 711,710. 5 Claims. (Cl. 198-195.)

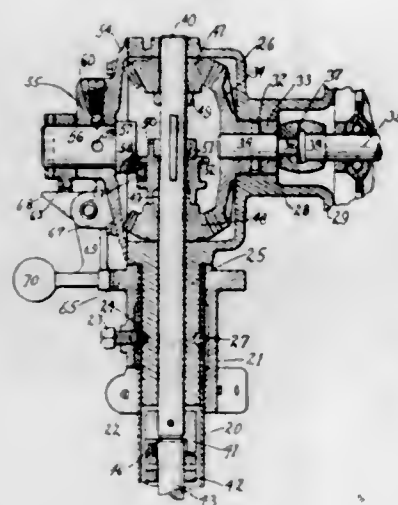
1. A conveyor of the class described comprising transversely extending pans, means for hingedly connecting adjacent pans for forming an endless conveyor, and sup-

porting means connecting adjacent pans and comprising brackets having elongated apertures therein, the elongation of the apertures extending in the line of movement



of the conveyor, adjacent brackets, overlapping whereby to align the apertures in adjacent brackets, axes extending through the aligned apertures, rollers carried by the brackets, and tracks for engagement by the rollers.

1,641,516. WRINGER. OLIVER B. WOODROW, Newton, Iowa. Filed Oct. 15, 1924. Serial No. 743,767. 2 Claims. (Cl. 68-32.)



2. In a device of the class described, a tubular upright support, a gear housing having a downwardly extending sleeve rotatively mounted in the upper end of the said support, a bracket for supporting the upper end of said tubular member adjacent to a washing machine tub, one end of said bracket being provided with a circular flange having a series of notches in its periphery, a shaft extending longitudinally through said sleeve, the lower end of said shaft being provided with a coupling member, a pair of beveled gears spaced apart and rotatively mounted on the upper end of said shaft within said housing, a second shaft arranged transversely to the upper end of the first shaft, a bevel gear on said second shaft in mesh with both of the first bevel gears, said housing being provided with means for detachably securing a wringer with one of its roller shafts in alignment with said second shaft, means for detachably connecting said second shaft and said roller shafts, a clutch member splined to said vertical shaft adapted to be moved to upper, lower and neutral positions and adapted to throw one of said bevel gears into gear when in either of its extreme positions of movement, means for moving said clutch member comprising a shaft, means for imparting movement to said clutch member as the shaft is oscillated, a handle on the outer end of said shaft having a segment with a notch, a latch device pivoted to said gear casing having one member designed to engage the notches of said circular flange of said bracket, the parts being so arranged that when the latch is in the notch of said segment it will be out of any of the notches of said flange, or vice

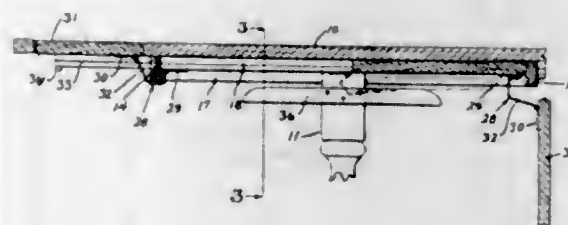
versa, the segment being so positioned that when the lever is moved to any other position other than its neutral position the latch will be locked within any one of the notches of said flange.

1,641,517. CIGARETTE HOLDER. ALEXANDER YES-SAIAN, Chelsea, Mass., assignor of one-half to Stephen Devrigan, Chelsea, Mass. Filed Mar. 21, 1927. Serial No. 177,161. 4 Claims. (Cl. 131-51.)



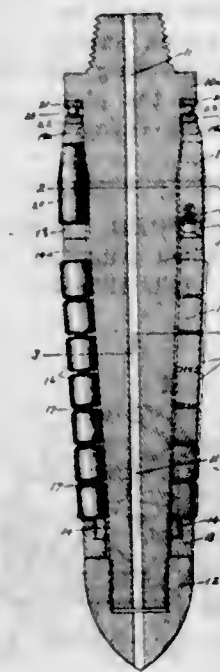
1. A cigarette holder comprising a tubular shank, a pair of jaws pivoted to one end thereof, a finger ring secured to the other end of said shank, a rod within the shank having pivotal connection with both jaws, a spring within the shank acting on said rod to normally close the jaws, and a thumb piece projecting laterally from the rod near said ring, the shank being formed with a slot through which said finger-piece passes.

1,641,518. EXTENSION LEAF FOR TABLES. DANIEL G. ANDERSON, Los Angeles, Calif. Filed Mar. 1, 1926. Serial No. 91,336. 1 Claim. (Cl. 45-113.)



An extension table including a stationary table top, a leaf movable with relation to the table top and having an edge adapted to register with the table top edge, depending aprons secured to the table top around its edges, a pair of slide bars secured to the table top, and a pair of double pivoted hinges for the leaf, each hinge including a hinge member secured to one of the sliding bars, a second hinge member secured to the leaf adjacent to its table meeting edge and a third member bent into angular formation secured to the oppositely disposed first mentioned hinge members, the said hinge member adapted to extend under and around the depending apron of the table top, whereby the leaf may be slidingly moved into and out of relation to the table top.

1,641,519. ROTARY CASING SWAGE. KARL R. ANDRE, Lynwood, Calif. Filed Sept. 2, 1924. Serial No. 735,366. 3 Claims. (Cl. 153-81.)

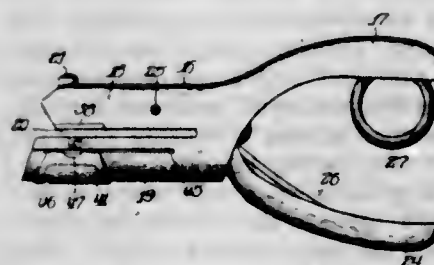


1. A swage of the character shown and described including in combination a body member provided at its upper end with attaching means for securing it to an operating member and provided at its lower end with a nose piece screwed thereto, said body member being provided with an annular shoulder around its upper end, a cage having therein a plurality of roller receiving openings open at their opposite sides, a plurality of rollers in said openings, said rollers being of greater diameter than the thickness of the cage wall, whereby the peripheries of said rollers project beyond the outer and inner surfaces of said cage, said cage and rollers being placed over said body member in assembled form and being held in place by said nose piece and said annular shoulder, and ball-bearing means interposed between said annular shoulder and said cage.

1,641,520. MOTOR FUEL. HARRY P. BASSETT, Cincinnati, Ky. Filed July 26, 1922. Serial No. 577,699. 2 Claims. (Cl. 44-9.)

1. The herein described improved motor fuel comprising hydrocarbon motor fuel material, anilin and nitrotoluol.

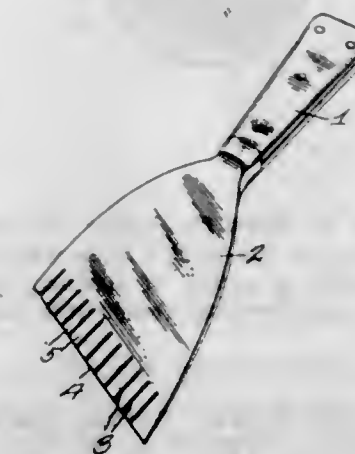
1,641,521. HAND PUNCH. ALBERT BECK, Chicago, Ill., assignor to McGill Metal Products Company, Chicago, Ill., a Corporation of Illinois. Filed July 2, 1923. Serial No. 648,891. 14 Claims. (Cl. 164-120.)



1. In a punch of the character described, the combination of a body member and an actuating member co-operatively connected to the body member, said body

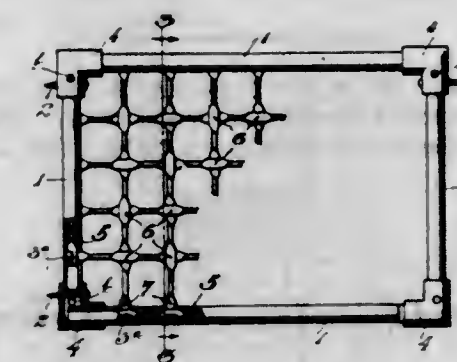
member being provided with portions which, respectively, carry male and female punching elements, a tubular guide for the male punching element, said guide being provided with means whereby the actuating member extends into said guide and into engagement with said male punching element.

1,641,522. SCRAPER. FREDERICK BECKORD, White House, N. J. Filed Oct. 1, 1926. Serial No. 138,898. 5 Claims. (Cl. 16-8.)



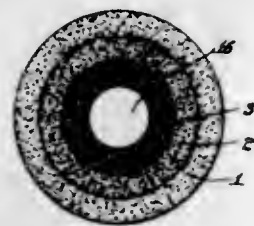
1. A scraper comprising a blade having a scraping edge, said scraping edge being formed from a plurality of flexible scraping members having scraping edges in alignment.

1,641,523. GRILLE FRAME. ALVIN L. BELL, Dallas, Tex. Filed July 6, 1925. Serial No. 41,592. 1 Claim. (Cl. 189-79.)



A grille frame for the screened openings of screen doors or the like including slotted tubular members, fabric having its marginal edges formed with necks and heads, the necks being received in the slots of the tubular members and the heads being received in the interiors of the members, corner-forming elbows for the frame slidably connected to the tubular members, the tubular members being of a length to permit same to be slid axially in both directions, of and while the elbows remain connected to the tubular members so as to assemble and disassemble the frame and to adjust same to and while disposed in an opening, and means to secure the elbows in the corners of the opening.

1,641,524. DRY CELL. CHARLES G. BIRDSALL, Elm-burst, N. Y., assignor, by mesne assignments, to National Carbon Company, Inc., New York, N. Y., a Corporation of New York. Filed Mar. 14, 1924. Serial No. 699,362. 4 Claims. (Cl. 136-139.)



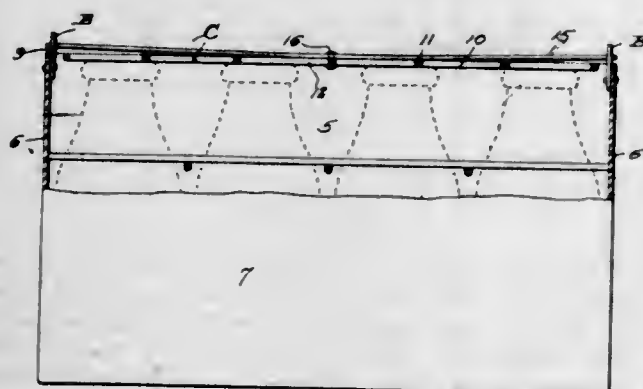
1. The process of preparing bodies of compacted depolarizing mixture for use in dry cells which consists in preparing a plurality of grades of mixture, forming them into layers, and simultaneously compacting said layers.

1,641,525. HOCKEY GAME. WALTER BOESSOW, Berlin-Lankwitz, Germany. Filed Nov. 27, 1926, Serial No. 151,223, and in Germany Mar. 18, 1926. 2 Claims. (Cl. 273-85.)



1. A table hockey game, comprising, in combination with the plate serving as play ground, an inwardly inclined rigid oblong bordering rim having goals in its shorter sides and being so thick as to be unable to vibrate, and catching means arranged outside said goals and being as high as said bordering rim, substantially as set forth.

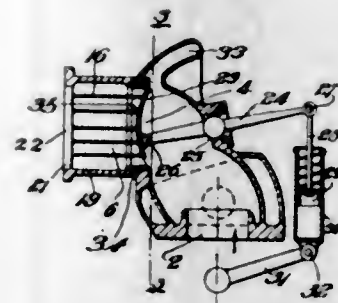
1,641,526. MILK-BOTTLE-CRATE ATTACHMENT. WILLARD EUGENE BONESTEEL, Troy, N. Y. Filed Sept. 15, 1926. Serial No. 135,633. 1 Claim. (Cl. 217-19.)



In combination, a receptacle adapted to receive milk bottles, a pair of brackets mounted on opposite walls of the receptacle and adjacent the upper edges thereof, each

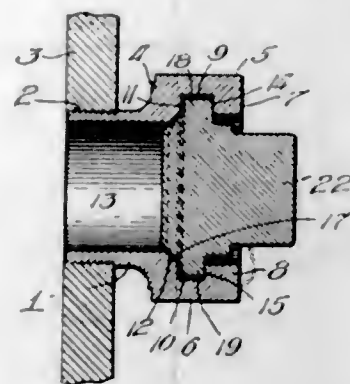
bracket being provided with a slot having a restricted entrance, said entrances of the brackets being disposed in opposite relation, a grate structure including longitudinal spaced bars connected by a plurality of transverse bars spaced from one another, a plate centrally disposed on the grate structure extending longitudinally thereof across some of the transverse bars and provided with an opening, a bowed spring having its concave side disposed upwardly, means pivoting the middle of the bowed spring to the opening in the plate, and the extremities of the bowed spring being engageable with the brackets.

1,641,527. FUEL MANIFOLD. ROBERT W. A. BREWER, Philadelphia, Pa. Filed Aug. 18, 1924. Serial No. 732,665. 3 Claims. (Cl. 123-52.)



1. An inlet manifold for an internal combustion engine comprising a series of continuous unbroken shallow chambers of the same length and width extending longitudinally and transversely of said manifold the latter having side inlets and outlets, said inlets being controlled by a valve which is slidable over the inlet opening, said valve being connected to the throttle operating mechanism by means, comprising a link work containing devices for imparting motion thereto.

1,641,528. QUICKLY-DETACHABLE SEALING COUPLING. MORRIS B. BREWSTER, Chicago, Ill. Filed Dec. 5, 1925. Serial No. 73,308. 1 Claim. (Cl. 220-40.)

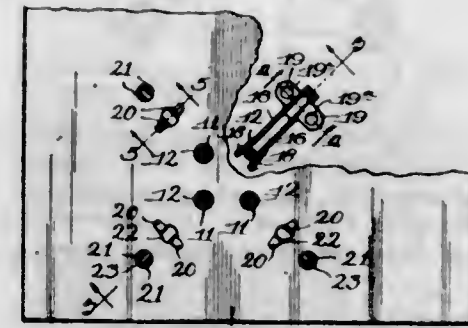


In combination, a member having an opening there-through and an outwardly-facing bearing seat at one end of said opening, elements projecting outwardly from said member at said end beside and spaced apart from said seat, and having undercut grooves on their inner sides, a second member having a bearing face adapted to rest on said seat and having laterally-projecting lugs adapted to enter said grooves when said members are turned relatively to each other while the bearing face on the one rests against the seat on the other, the lugs and the grooves being shaped to produce a wedging action tending to force the second member toward said seat, and the parts being so proportioned and arranged that each lug is compelled to enter the same groove whenever the members are connected together.

1,641,529. PYROXYLIN-LACQUER COMPOSITION. BRUCE K. BROWN and CHARLES BOGIN, Terre Haute, Ind., assignors to Commercial Solvents Corporation, Terre Haute, Ind., a Corporation of Maryland. Filed Dec. 12, 1924. Serial No. 755,571. 14 Claims. (Cl. 134-79.)

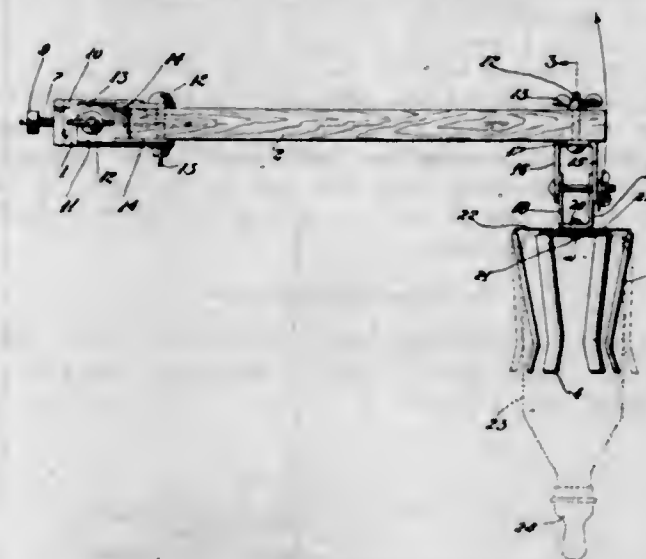
1. A composition of matter comprising pyroxylin and butyl stearate.
14. A new composition of matter comprising butyl stearate.

1,641,530. RADIO TUBE SOCKET. PAUL A. CHAMBERLAIN, Chicago, Ill., assignor to Mohawk Corporation of Illinois, Chicago, Ill., a Corporation of Illinois. Filed Oct. 23, 1926. Serial No. 148,585. 4 Claims. (Cl. 173-328.)



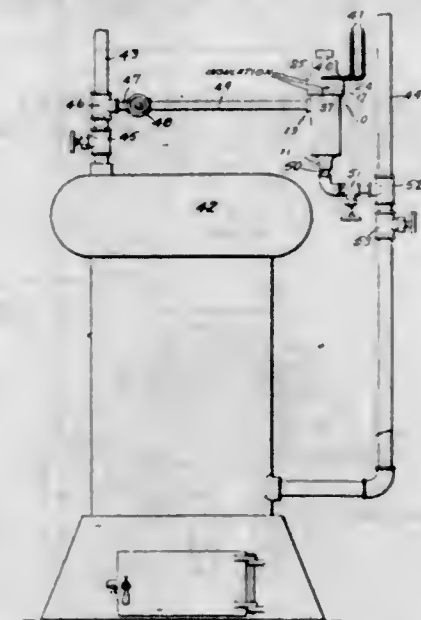
1. In a tube socket, a base provided with apertures for receiving the terminals of a tube, and a plurality of terminal clips for engaging said terminals supported on the under side of said base, and each comprising a piece of flat sheet metal bent with two side portions disposed in planes substantially perpendicular to said base, parts of said side portions disposed beneath one of said terminal apertures and being adapted to contact with the tube terminal under tension, and other parts projecting upwardly through said base and with their upper ends bent laterally to secure said clip to said base.

1,641,531. DEVICE FOR SUPPORTING CONTAINERS. WILLIAM E. CORCORAN, South Plainfield, N. J. Filed Nov. 15, 1924. Serial No. 750,192. Renewed Feb. 7, 1927. 1 Claim. (Cl. 248-65.)



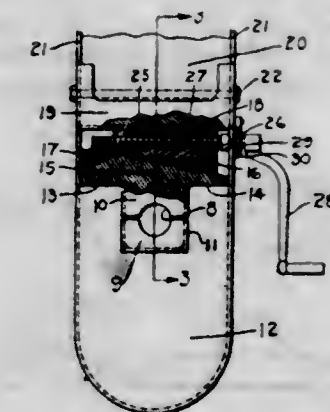
A supporting device comprising a plurality of U-shaped gripping fingers, a U-shaped yoke secured base-to-base to said fingers, a second U-shaped yoke, the arms of said yokes being pivotally connected by a transverse pivot bolt, a supporting bar, a pivot bolt adjustably securing the second yoke to the end of said bar, a U-shaped clamp having a binding screw mounted in one side thereof, a plate, a pivot bolt adjustably securing the plate to the clamp, the plate having bent-up opposite sides, and a pivot bolt adjustably securing said sides to the other end of said bar.

1,641,532. WATER HEATER. TIMOTHY P. CRONIN, St. Louis, Mo. Filed Dec. 29, 1924. Serial No. 755,563. 1 Claim. (Cl. 219-40.)



A water heater comprising a water container, open at its top, a plate of insulating material for closing said container, a plurality of electrodes carried by said plate and extending into said container, electric conductors for supplying electric energy to said electrodes, a switch mounted on said plate whereby certain of said electrodes may be placed in and out of circuit, a second plate of insulating material located above and spaced apart from the first mentioned plate, said second mentioned plate being provided with openings to permit the passage of the conductors, a switch mounted on the second mentioned plate for controlling the electric energy through said conductors, a water inlet located in the bottom of said container, a water outlet adjacent the top of said container whereby a circulation of water is obtained, and means surrounding said electrodes adjacent their lower ends for holding said electrodes in spaced relation to each other.

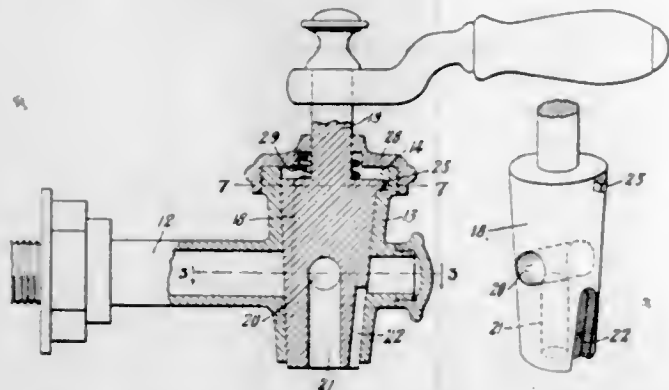
1,641,533. PITMAN END. BERNARD H. DAVIS, Fullerton, Calif. Filed Mar. 18, 1925. Serial No. 16,327. 2 Claims. (Cl. 308-68.)



1. In a pitman rod, a pitman end having a split bearing, one half of the bearing being stationary with respect to the pitman rod and the other half being movable relatively thereto, a guide block mounted upon the pitman rod, a wedge disposed between the movable half of the bearing and the guide block, said wedge having a dove-tailed connection with the guide block and the movable half of the bearing, whereby it may slide relatively thereto but can not be separated therefrom, a screw threaded into the wedge and held against endwise movement relatively to the pitman rod, a ratchet wheel rigidly mounted upon the screw, and a pawl mounted

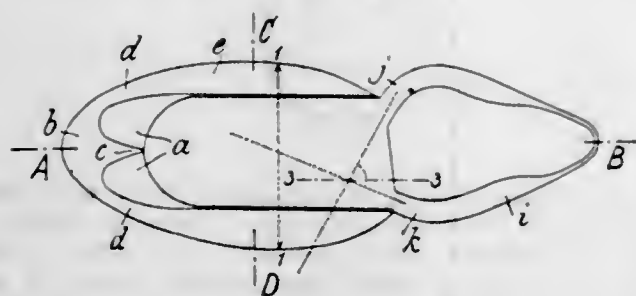
upon the pitman rod engageable upon the ratchet wheel, whereby the screw may be rotated in either direction to cause the wedge to slide in either direction and thus move the movable half of the bearing in either direction.

1,641,534. LIQUID-DISPENSING FAUCET. THOMAS E. DAVIS, Arlington, Mass. Filed May 26, 1927. Serial No. 194,493. 1 Claim. (Cl. 225-26.)



A liquid-dispensing faucet comprising a body including a tubular shank and a tubular casing having a tapered bore, open at both ends of the casing and forming a valve seat on which the bore of the shank opens, an arcuate internal recess in the larger end of the casing, whose ends constitute spaced apart stops, and a lateral nipple projecting from the casing, the bore of the nipple opening on the valve seat; a tapered plug valve provided with a stem whereby it may be turned in opposite directions in the casing, an angular internal duct opening at one end on the periphery and at the opposite end on the smaller end of the valve, an external groove forming, with a portion of the valve seat, an external duct independent of the angular duct, and open at the smaller end of the valve, and a stud projecting into said recess and movable between said stops; a bonnet separably secured to the larger end of the casing, and apertured to receive the valve stem; and a holding-down spring interposed between the bonnet and the valve, the smaller end of the valve being entirely unobstructed for the delivery of liquids through the said ducts, the arrangement being such that when the valve stud abuts one of the casing stops, liquid is dispensed only through the shank bore and the angular duct, and when the valve stud abuts the other stop, two liquids are simultaneously dispensed, the one through the shank bore and the angular duct, and the other through the nipple bore and the external duct, both ducts being closed when the valve stud is in an intermediate position.

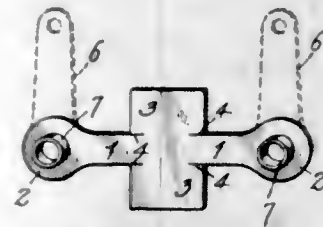
1,641,535. OVERSHOE. JOAQUIN DE NORONHA, Dusseldorf, Germany. Filed Feb. 28, 1925. Serial No. 12,266. 13 Claims. (Cl. 26-6.)



3. A rubber overshoe comprising a sole portion of less than the sole of a shoe and adapted to extend over only the tread part of the shoe sole, a toe cap portion adapted to extend over only the toe part of the shoe upper, a breast portion at the rear of the sole portion adapted to bear upon the curved arched portion of the shoe sole, and side walls joining said sole, the cap and breast por-

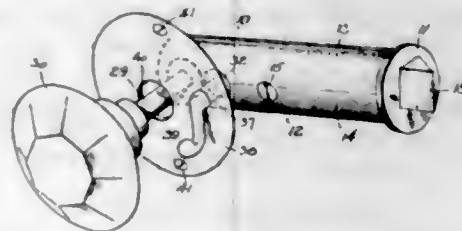
tions, and adapted to engage only the sides of the shoe upper, said side walls being both latitudinally and longitudinally straight and extending upwardly and inwardly from the sole portion in the form of inclined planes.

1,641,536. SPROCKET CHAIN AND LINK THEREFOR. WESLEY F. HALL, Matawan, N. J., assignor to The Hanson & Van Winkle Company, Newark, N. J., a Corporation of New Jersey. Filed June 10, 1926. Serial No. 115,009. 6 Claims. (Cl. 59-8.)



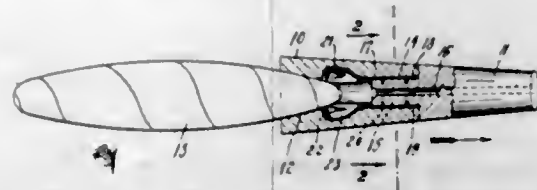
1. Method of making a sprocket chain link, comprising cutting a blank from flat stock with eyeleted ends and winged extensions at the center, folding the blank at the center to form a link with the eyeleted ends opposite and forming the winged extensions into tubular side journals.

1,641,537. DOOR LATCH. EMANUEL HALPERN, New York, N. Y. Filed Dec. 7, 1926. Serial No. 153,055. 3 Claims. (Cl. 292-169.)



1. In a latch of the character described, the combination of a longitudinally divided housing for the latch mechanism, a spring bolt slidably arranged in one section of the housing and terminating at one end in a pair of arms and a centrally disposed finger, a knob operated roll-back mounted between the housing sections, and operating to reciprocate the said bolt by contact with the arms thereof, and a thumb operated rotary member disposed intermediate said arms and having a projection operating into and out of the path of the finger of the bolt to block or release the latter to movement by the roll-back.

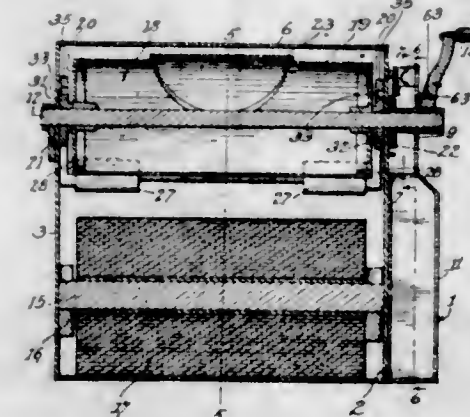
1,641,538. CIGAR HOLDER. ADAM ILLG, New York, N. Y. Filed Nov. 4, 1926. Serial No. 146,173. 1 Claim. (Cl. 131-10.)



A cigar holder comprising a holder section formed with a socket opening to one end thereof and adapted to receive the tip end of and support a cigar, said holder section being also provided with cylindrical bore opening to said socket, a mouthpiece section having a reduced portion snugly fitting into said bore and being longitudinally movable on said holder section, two yielding arms fixed to the reduced portion of said mouthpiece section having

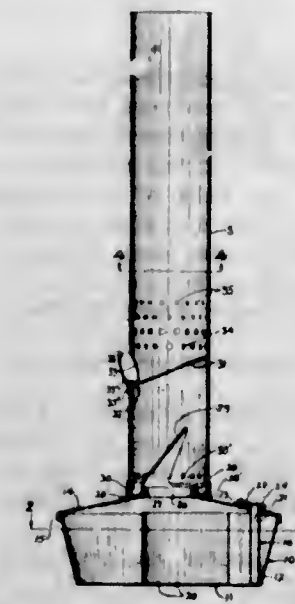
diverging portions, each of which is provided with an inwardly bent section having a cutting edge, said holder section having two recesses formed therein in which said yielding arms are adapted to be disposed, said cutting edges being wholly outside of said socket when the reduced portion of said mouthpiece is located wholly within the bore in said holder section, and said cutting edges being forced toward one another when said mouthpiece section is moved longitudinally and outwardly on said holder section, whereby the tip is severed from the cigar body supported on said holder section.

1,641,539. VENDING MACHINE. JOSEPH B. JOHNSON, Los Angeles, Calif. Filed Jan. 19, 1926. Serial No. 82,190. 6 Claims. (Cl. 194-85.)



1. A vending machine comprising in combination a drum, means to support sheet material to be vended by the drum, means on the drum to engage sheet material, a rotatable shaft forming a mounting for the drum, a coin controlled mechanism mounted on the shaft, a crank loosely rotatable on the shaft, the crank having a projection rigidly connected therewith, the projection being adapted to engage a coin in the coin controlled mechanism and thereby transmit a turning motion to the coin controlled mechanism and hence to the drum, the slidable element forming part of the coin controlled mechanism, a cam to slide said element, the sliding of the said element being adapted to eject a coin and the said sliding element forming a connection with the said projection.

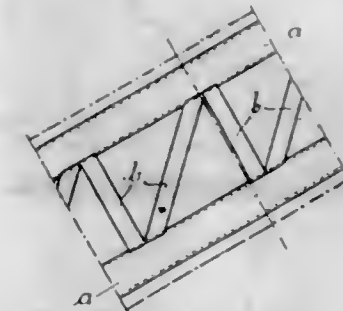
1,641,540. ORCHARD HEATER. GUY A. R. LEWINGTON and GEORGE A. SMITH, Los Angeles, Calif. Filed Nov. 27, 1926. Serial No. 151,049. 8 Claims. (Cl. 158-91.)



1. A smudge pot comprising a receptacle, said receptacle having a cover removably mounted thereon, said cover having an opening therein, said cover having a 362 O. G.—10

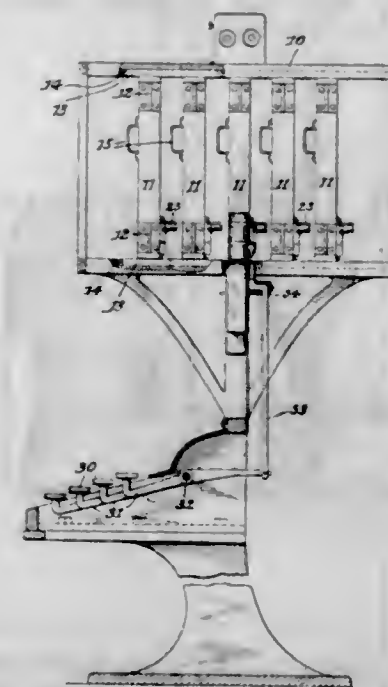
draft regulating device associated therewith, said receptacle having a flame confining member arranged therein, said member being closed on all sides and having the top portion thereof arranged to communicate with the opening in said cover.

1,641,541. METHOD OF BUILDING REINFORCED CONCRETE STRUCTURES. KARL JOHAN LJUNGBERG, Stockholm, Sweden. Filed Mar. 5, 1925. Serial No. 13,196, and in Sweden July 31, 1924. 1 Claim. (Cl. 72-61.)



A method of building concrete arch structures, comprising first erecting a light arched frame-work consisting chiefly of empty metal tubes and having in itself a carrying capacity adapted to support its own weight; filling the tubes with a reinforcing concrete mass after erecting the frame-work said arched unfilled frame-work being the only supporting means during the filling of the tubes and when said concrete filling has set, utilizing the arched frame-work with its reinforcing concrete filling as the only supporting means for molds, and molding the main concrete body in said molds around the concrete filled tubes and metallic frame-work.

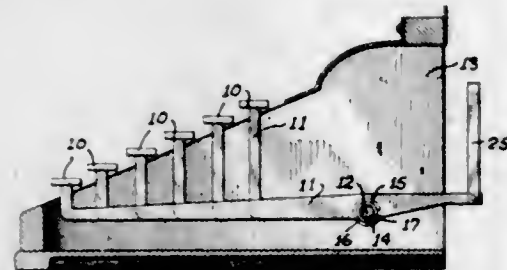
1,641,542. ASSEMBLING MACHINE. JEAN M. LOBIT, New York, N. Y. Filed Aug. 18, 1922. Serial No. 582,593. 7 Claims. (Cl. 199-45.)



1. An assembling mechanism for slug-casting machines comprising in combination, a magazine-receiver, a plurality of magazines each adapted to be mounted in said receiver, each of said magazines having matrix-receiving chutes, a main key-board and connections therefor for selectively releasing matrices from any of said magazines when mounted in a predetermined position with respect to said assembling mechanism, a special magazine adapted to be charged with matrices and adapted to be mounted in

said receiver, an auxiliary key-board carried by said special magazine, and means operable by said auxiliary key-board for selectively releasing matrices from said special magazine.

1,641,543. KEYBOARD. JEAN MARTIAL LOBIT, Brooklyn, N. Y. Filed Aug. 21, 1924. Serial No. 733,260. 7 Claims. (Cl. 199—18.)

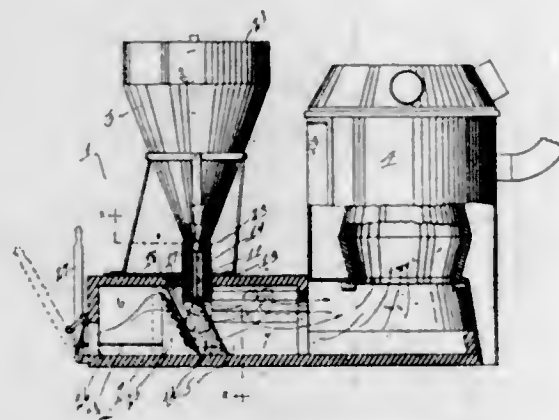


1. A key-board comprising in combination, a plurality of key levers, means pivotally supporting said key levers, and means mounted on said means whereby each of said key levers may be removed from the key-board without releasing the other key levers.

1,641,544. MANUFACTURE OF ALCOHOLS. ROBERT B. MACMULLIN and RALPH E. GEGENHEIMER, Niagara Falls, N. Y., assignors to The Mathieson Alkali Works, Inc., New York, N. Y., a Corporation of Virginia. Filed Aug. 27, 1924. Serial No. 734,394. 6 Claims. (Cl. 260—156.)

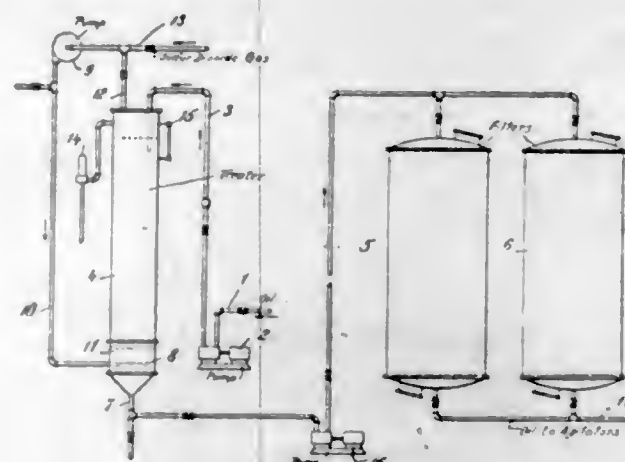
1. The method of producing alcohols which comprises passing an alkyl chloride over an alkaline substance in the presence of superheated steam and replacing the alkaline substance at intervals with preheated material.

1,641,545. SELF-FEEDING BURNER. JOHN J. MCCOY, Milton, Oreg. Filed Feb. 18, 1926. Serial No. 88,985. 3 Claims. (Cl. 110—89.)



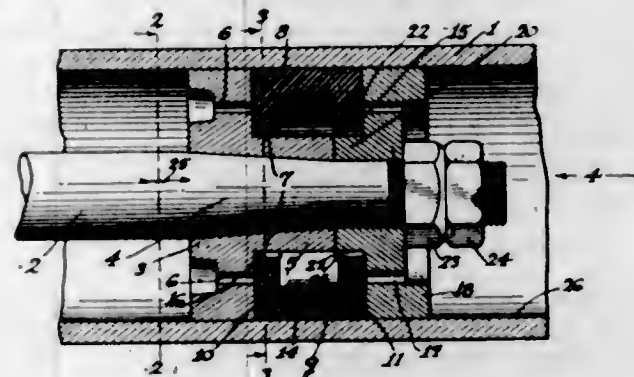
1. In a self feeding burner, a combustion chamber provided with a cold compartment and a hot compartment, said hot compartment being arched in cross section to provide a directing channel for the hot gases, a thimble mounted on said combustion chamber and depending into said chamber, a storage chamber provided with a restricted outlet, mounted in said thimble, said outlet having less dimensions than said thimble, thereby providing for air lubrication in said thimble, and a slidably mounted grate positioned in said cold compartment, and adjacent to said thimble, and in a manner to direct the draft over the surface of the fuel.

1,641,546. REFINING HYDROCARBON OILS. PAUL MICHAEL, Flushing, N. Y., assignor to The Hydrocarbon Refinishing Process Co., Inc., New York, N. Y., a Corporation of New York. Filed May 23, 1925. Serial No. 32,565. 7 Claims. (Cl. 196—147.)



7. An improved method of refining cracked hydrocarbon oils, which comprises subjecting the oil to treatment with sulphur dioxide gas and then to treatment with an absorbent material.

1,641,547. EXPANSIBLE PACKING. ERWIN E. MILLER, Fullerton, Calif. Filed June 9, 1924. Serial No. 718,708. 5 Claims. (Cl. 74—109.)

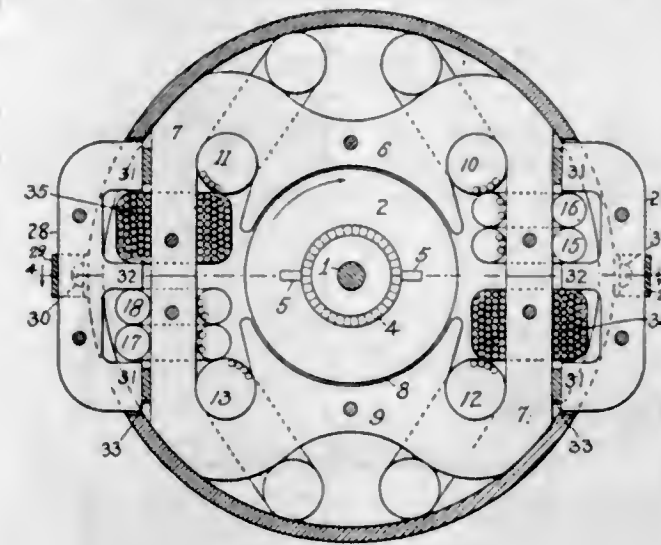


1. A pump plunger comprising a plunger rod, a pair of plunger heads having abutting hubs with a plurality of peripheral grooves formed therein mounted on said plunger rod, a flexible packer having an internal recess between flanges engaging the hubs of said plunger heads, there being a plurality of ports in each plunger head adapted to conduct fluid within the pump cylinder to the internal recess in the flexible packer and nuts on said plunger rod for holding said plunger heads together.

1,641,548. ELECTRIC MOTOR. ALFRED E. OSWALD, Hackensack, N. J., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed Apr. 13, 1925. Serial No. 22,664. 6 Claims. (Cl. 172—276.)

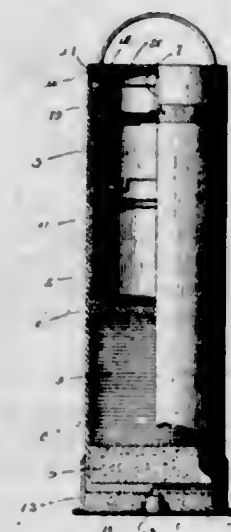
1. A convertible motor comprising a combination of the armature and its winding, field coils in shunt with the armature, sets of other coils, one set in series with the armature winding, and the other set in parallel with the armature and in series with the field coils, a field magnet structure, the field coils wound on the cores ad-

acent to the pole pieces of said structure, and said other coils also wound on portions of said cores between the field coils, and iron keepers supported opposite to said



portions, each keeper having three legs, one leg between the other two, astride of said other coils, and the middle legs extended between said other coils.

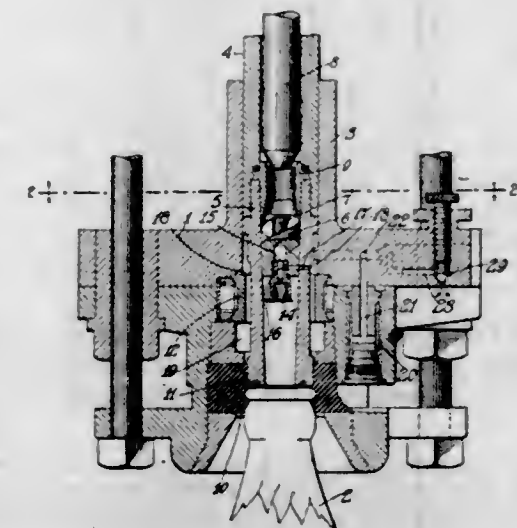
1,641,549. MESSAGE CARRIER. CHARLES L. PAULUS and ROBERT KAUCH, Dayton, Ohio. Filed Jan. 30, 1925. Serial No. 5,807. 13 Claims. (Cl. 102—24.)



10. A message carrier to be dropped from aircraft comprising a message container and a pyrotechnic candle attached thereto, a shell for enclosing said elements and having a restricted powder train opening in its base, an explosive between the bottom of the shell and the candle, and a cap retaining means provided with a concussion cap so that when the cap is exploded the shell is expelled from the cap, causing the powder train to burn a predetermined period before igniting the explosive between the bottom of the shell and candle which ignition expels the container and candle from the shell and simultaneously starts the burning of the candle.

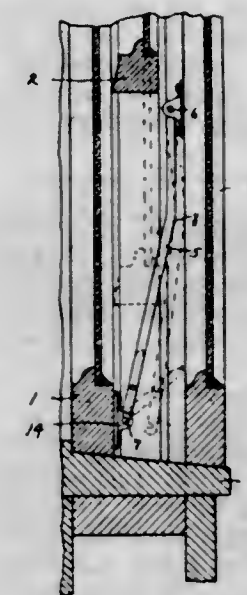
11. The combination as set forth in claim 10 with the addition of a spike attached to the heavier end of the message carrier.

1,641,550. BOTTLE-FILLING MACHINE. HUGH M. ROSS, Woodhaven, N. Y., assignor to Adriance Machine Works, Inc., Brooklyn, N. Y., a Corporation of New York. Filed Sept. 28, 1923. Serial No. 665,259. 6 Claims. (Cl. 226—77.)



1. The combination of a vertically movable filling and capping head, a liquid supplying member mounted in said head and movable relative thereto, said head being provided with venting means permitting the escape of gas therefrom, and a valve coacting with said liquid supplying member and automatically operable upon the movement thereof for closing said venting means.

1,641,551. STORM-SASH FASTENER. EMIL RUDBERG, Duluth, Minn., assignor of one-third to Knute W. Bergman and one-sixth to Axel J. Franson, Duluth, Minn. Filed May 2, 1925. Serial No. 27,398. 2 Claims. (Cl. 292—278.)

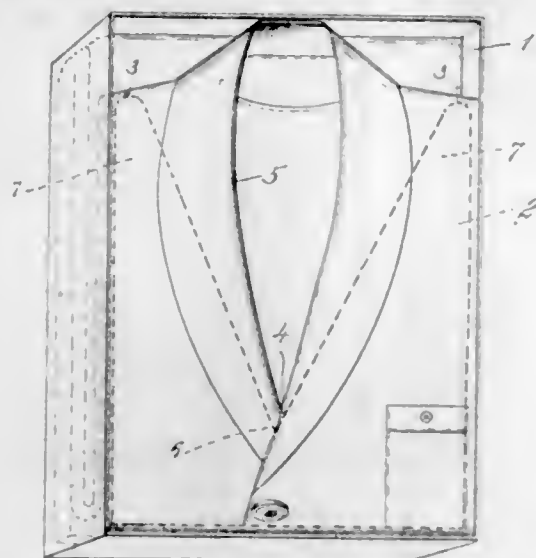


1. A fastener for a hinged outer sash for double windows, comprising a rod pivotally united at one end to the hinged sash and at the opposite end adjustably united to the lowermost double sash, and means whereby the lowering of the upper sash may be made to disconnect the lower sash from the hinged sash.

1,641,552. BATH-ROBE PACKAGE. LEO C. SAFIR, New York, N. Y. Filed Mar. 3, 1927. Serial No. 172,220. 4 Claims. (Cl. 206—46.)

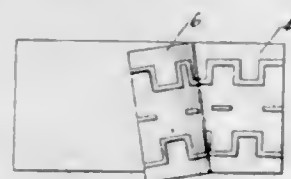
1. A robe-package, comprising a container, a member therein having a body-portion provided with a pair of

spaced upstanding arms, and a robe having its shoulders supported in a plane parallel to the bottom of the con-



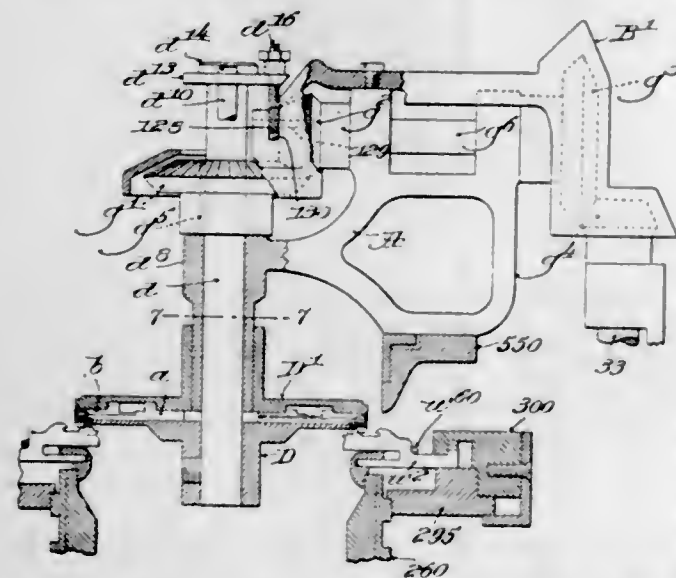
tainer by said arms, its trunk buttoned around the body-portion of said member, and its skirts folded around the lower edge of said member to fit into said container.

1,641,553. MEANS FOR AND METHOD OF FACING TILES. FRANK P. SCHEMEL, San Jose, Calif. Filed Dec. 7, 1925. Serial No. 73,694. 4 Claims. (Cl. 18-61.)



1. Means for molding and imprinting tiles or the like comprising means for pressing moldable material into form and a pattern of lineoleum-like substance adapted for inter-position between the material and the said means for imprinting the material, the said pattern adhering to the material as the latter is removed from the molding means and being adapted for peeling off thereafter and automatically flattening when flung back into the molding means.

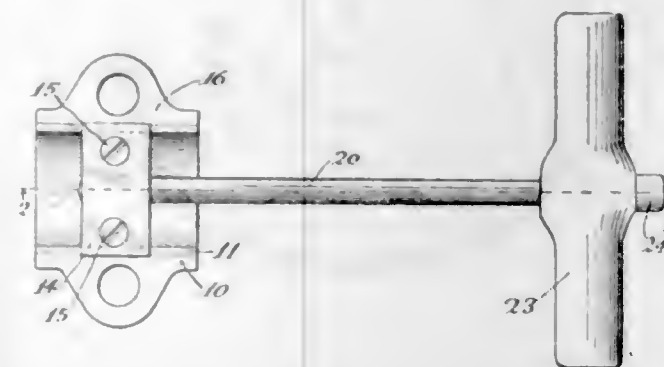
1,641,554. RIBBED-FABRIC HOSIERY-KNITTING MACHINE. ROBERT W. SCOTT, Babylon, N. Y., assignor to Scott and Williams, Inc., New York, N. Y., a Corporation of Massachusetts. Filed May 9, 1922. Serial No. 559,506. 39 Claims. (Cl. 66-13.)



1. A knitting machine having therein a series of needles and means cooperating with them to knit the face wales of an article of hosiery comprising a fabric of face wales

augmented by accretions of back or ribbing wales, in combination with a second series of needles and means for operating upon them to knit the back or ribbing wales, and with means for causing segments of the second series of needles severally to enter into operation, in succession, and with means cooperating with the entering segments of needles to maintain a different tension on the corresponding segment of the fabric from that maintained on the remainder of the fabric.

1,641,555. BEARING-LIP REMOVER. LAWRENCE G. SHOOK, Los Angeles, Calif. Filed May 10, 1926. Serial No. 107,930. 4 Claims. (Cl. 145-47.1.)



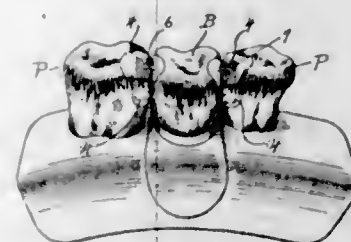
1. A bearing lip remover comprising a cutter body having projecting lateral flanges adapted to engage upon the face of half of a split bearing, said body having arcuate cutting edges adjacent the flanges adapted to remove the lip of the bearing, and a handle secured to the body.

1,641,556. FIREPROOF BUILDING. HENRY SORESENSEN, San Francisco, Calif. Filed Feb. 6, 1926. Serial No. 86,539. 2 Claims. (Cl. 72-71.)



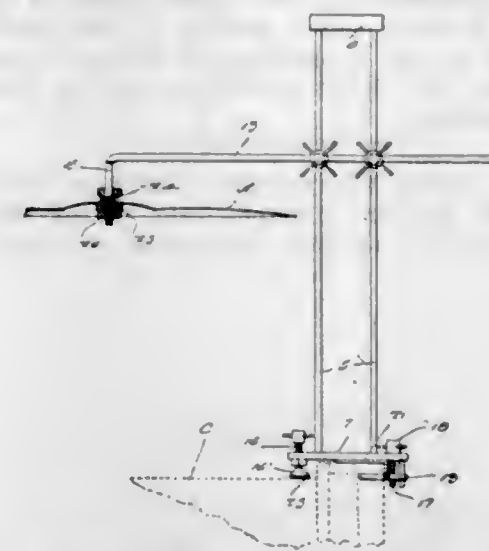
1. In the initial tensioning of the reinforcements of an infilled structure, the combination of said reinforcements attached to a stretching bar, means connecting said bar with the supports which carry said structure, and wedges adapted to draw and lock said means to said supports.

1,641,557. DENTURE ATTACHMENT. ISIDORE STERN, New York, N. Y. Filed Nov. 6, 1925. Serial No. 67,204. 1 Claim. (Cl. 32-2.)



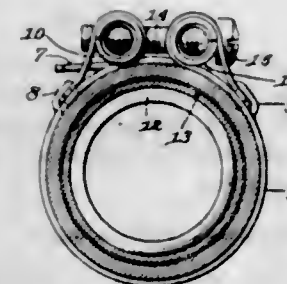
A rectangular T-shaped denture attachment comprising a rectangular head for insertion in a pier tooth socket and formed with two parallel spaced grooves extending vertically from end to end, and a shank adapted to be secured to a pier tooth socket and integrally joined to the head between the two spaced grooves, said head being formed with a plurality of parallel slits disposed at an acute angle to the median plane of the shank and extending into the grooves.

1,641,558. CYMBAL HOLDER FOR DRUMS. BERT C. STREMPER, Normal, Ill. Filed Jan. 18, 1926. Serial No. 82,030. 3 Claims. (Cl. 248-20.)



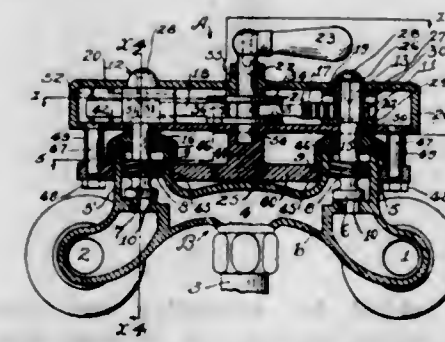
1. In a cymbal holder for drums, an upright adapted for vertical disposition, said upright embodying a pair of spaced parallel bars, a cross head connecting the upper ends of the bars together, a base plate connecting the lower ends of the bars together, clamping means associated with the base plate, a cymbal supporting arm adapted for horizontal disposition, blocks slidable upon said bars, retaining means therefor, and means for adjustably connecting said arm with said blocks.

1,641,559. HOSE BAND. WALTER VAN E. THOMPSON, Los Angeles, Calif. Filed June 4, 1923. Serial No. 643,342. Renewed Apr. 25, 1927. 3 Claims. (Cl. 24-19.)



1. A hose clamp, comprising a strip of sheet metal having perforations in the ends thereof, and a pressure tongue at one end, formed from the metal when producing the aperture and locking tongues near the apertures, pierced tubes adapted to be held positioned by having the apertured ends bent around such bars and clamped to the other part by the locking tongues, and an externally screw-threaded-bolt, having a head, said bolt being adapted to pass through one tube and screw into the other tube.

1,641,560. VALVE-OPERATING MEANS. AUSTIN C. WHIDDEN, Lancaster, Calif. Filed Oct. 11, 1926. Serial No. 140,778. 9 Claims. (Cl. 277-18.)

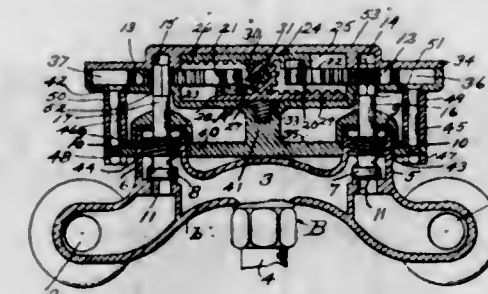


6. In combination with a double faucet including valves having valve stems, a valve operating mechanism comprising a base member fitted on said faucet, a cover

member secured to said base member; a shaft journaled in said base member and said cover and extending through said cover; the valve stems extending into said cover, pinions secured on said valve stems; racks in mesh with said pinions; rack guides mounted on said valve stems in said cover for maintaining said racks in mesh with said pinions; a crank wheel secured on said shaft in said cover to which wheel said racks are connected; and a handle on the outer end of said shaft to operate said wheel.

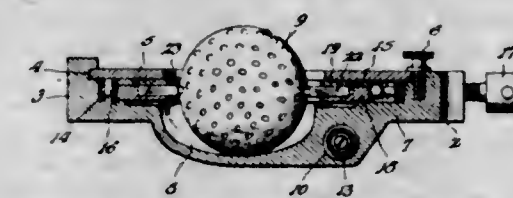
7. An attachment of the character set forth including a base member having openings adapted to receive valve housings, and comprising a plate member; a cover secured to said plate member and forming a housing; pinions adapted to be fixed to valve stems to be operated; and means in said housing to operate said pinions for the purpose set forth.

1,641,561. VALVE-OPERATING MEANS. AUSTIN C. WHIDDEN, Lancaster, Calif. Filed Nov. 3, 1926. Serial No. 145,922. 7 Claims. (Cl. 277-18.)



1. The combination with a plurality of valves having valve stems to be operated; of pinions mounted on said valve stems; means engaging said pinions to rotate said pinions; a handle mounted for rotary and swinging movement; and means operably connected to said handle whereby said first mentioned means may be operated to simultaneously open both of said valves by rotary movement of said handle and to open one of said valves independent of the other by swinging movement of said handle.

1,641,562. GOLF-BALL MARKER. JACOB G. WILL and CHARLES F. MCCONNELL, Chicago, Ill. Filed Aug. 21, 1926. Serial No. 130,652. 5 Claims. (Cl. 101-41.)

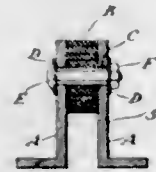


1. A marker of the character specified, comprising a frame, plates at opposite sides of the frame, one of the plates having an intermediate portion depressed to provide an article receiving cup, the other plate having an article receiving opening, oppositely disposed marking means confined between the plates, and operating means at one end of the frame movable between the plates for actuating the adjacent marking means.

1,641,563. PROCESS FOR MANUFACTURE OF PRECIPITATED CALCIUM CARBONATE. BURTON G. WOOD, Los Angeles, Calif., assignor to Ivanpah Lime and Chemical Company, Los Angeles, Calif., a Corporation of California. Filed Sept. 8, 1925. Serial No. 54,922. 3 Claims. (Cl. 23-66.)

3. The process of making amorphous calcium carbonate, that includes passing a water suspension of calcium hydroxide into intimate and finely divided contact with carbon dioxide gas at a temperature of about 95° F., with the resulting formation of finely divided calcium carbonate, and then freeing the calcium carbonate from the accompanying water.

1,641,564. ELECTRORESPONSIVE CELL. CONRAD H. ZIERDT, Rosedale, Penn Township, Allegheny County, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a Corporation of Pennsylvania. Filed Dec. 14, 1922. Serial No. 606,820. Renewed Jan. 22, 1925. 1 Claim. (Cl. 200—118.)



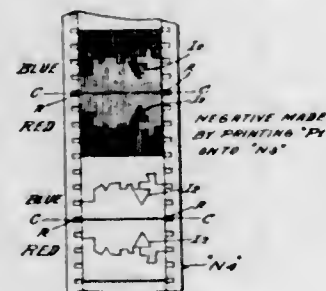
A thermo-sensitive cell characterized by a considerable decrease in resistance in response to increase of current, and suitable for use as an automatic cut-out in a series lighting system, said cell comprising pulverized cuprous oxide and sodium silicate molded together and baked into a solid rigid mass.

1,641,565. TOBACCO CAN. SVEND ARNE ARNTZ, Mamaroneck, N. Y., assignor of one-half to Hans Rudolf August Steffens, Mamaroneck, N. Y. Filed June 19, 1926. Serial No. 117,034. 1 Claim. (Cl. 206—56.)



An article of manufacture, comprising a container, having a main body portion of substantially oblong shape; a lid fitted to the top of same; a movable bottom portion with upwardly extending flanges and having a flat leaf spring connected to its lower surface by inserting the middle part of such spring through two slits formed in said bottom; corrugated sides adapted at their inner surfaces to form stop-seats for said spring, the latter being formed with a downward curvature; the outer corrugated surfaces of the sides of the container serving as a means for striking matches, a section of said surface being sulphurized for the same purpose substantially as shown and described.

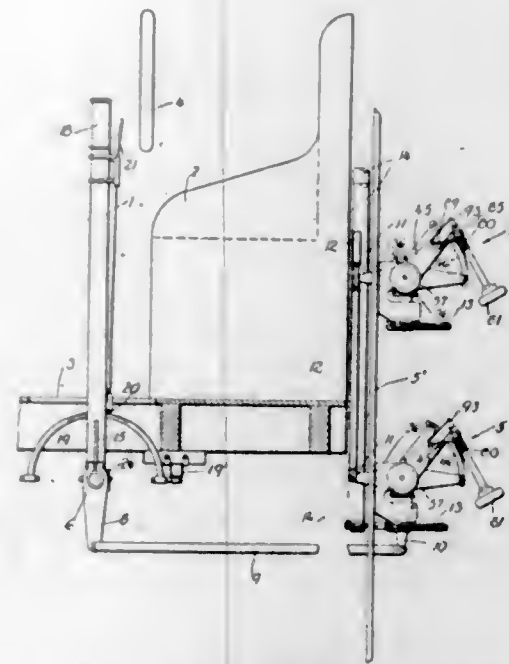
1,641,566. METHOD OF MAKING COMPOSITE COLOR PICTURES. JOSEPH A. BALL, Los Angeles, Calif., assignor to Technicolor Motion Picture Corporation, Boston, Mass., a Corporation of Maine. Filed Sept. 16, 1926. Serial No. 135,727. 19 Claims. (Cl. 88—16.4.)



1. The method of making a composite color picture, that includes exposing actinic surfaces separately to object scenes desired to be composed in a single picture

and obtaining on said surfaces a plurality of sets of complementary color record images representing different color aspects of the respective object scenes, then combining the several corresponding color record images of all said surfaces on a single actinic surface, so that each color record image is then a composite of the several original object scenes, and finally combining all the composite images in register.

1,641,567. AIRCRAFT MOTOR-CONTROL SYSTEM. WALTER H. BARLINO, Dayton, Ohio. Filed Sept. 27, 1924. Serial No. 740,358. 36 Claims. (Cl. 244—25.)



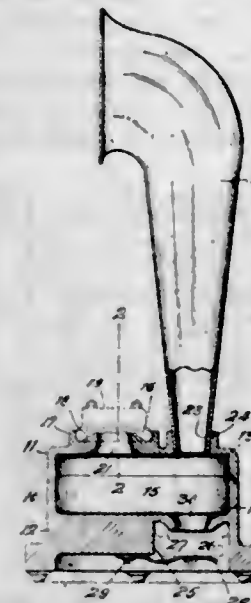
1. In an aircraft, a plurality of engines, a main control for all of the engines, and a secondary control for each of the separate engines, said secondary controls being connected with said main control in spaced relation between the latter and the engines.

1,641,568. CHAFING SHIELD. PETER BOANO, San Francisco, Calif. Filed July 6, 1925. Serial No. 41,816. 1 Claim. (Cl. 128—149.)



A chafing shield for preventing the male genital organs from rubbing against the clothing, comprising a sheet of waxed paper, an envelope of soft material surrounding said sheet and means for attaching the shield to the clothing.

1,641,569. LOUD SPEAKER. OTTO C. BOEGE and HUGO A. A. BELZ, New York, N. Y. Filed Apr. 9, 1924. Serial No. 705,197. 9 Claims. (Cl. 179—146.)



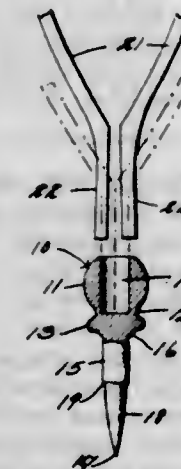
1. A loud speaking attachment for telephone receivers, comprising, a base having a resonating chamber, and having an external seat for a telephone receiver associated with a passage extending to the resonating chamber, and an amplifying horn carried by the base and in communication with the resonating chamber.

1,641,570. KNITTED GLOVE AND METHOD OF MAKING THE SAME. GEORGE P. BOSWORTH, Central Falls, R. I., assignor to Hemphill Company, Central Falls, R. I., a Corporation of Massachusetts. Filed Apr. 8, 1920. Serial No. 372,348. 14 Claims. (Cl. 66—174.)



10. The method of forming a glove which includes knitting upon separate series of needles, from separate yarns, the front hand covering 1 and back hand covering 2, and in effecting during the knitting of successive courses constituting said coverings, the interengagement of the terminal loops a and b of said hand coverings, to form suture seams 8, 8, then in knitting integral with said hand coverings a plurality of digit strips, and in subsequently seaming the edges of said digit strips.

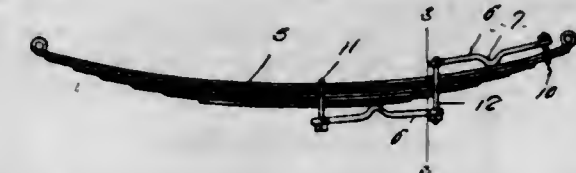
1,641,571. DEVICE FOR PUNCHING AND PLUGGING CANS. EUGENE O. BURNS, Reno, Nev. Filed Dec. 28, 1926. Serial No. 157,577. 4 Claims. (Cl. 220—51.)



1. A combination punch and plug of the character described including a body having a head formed with a bore, a shank extending from the body and pointed at its

outer end, a portion of the shank extending from said point being less in diameter than that portion of the shank adjacent the body, and a handle having one end insertible within said bore and having a diameter approximately the same as that portion of the shank adjacent the body, said handle having opposed faces diverging outward from that extremity of the handle which is insertible into said bore whereby the handle may be used for expanding a hole punched by the bore.

1,641,572. SHOCK ABSORBER. JAY SAMUEL BURWELL, Sharon, Pa. Continuation of application Serial No. 750,455, filed Nov. 17, 1924. This application filed Oct. 1, 1925. Serial No. 59,863. 8 Claims. (Cl. 267—48.)



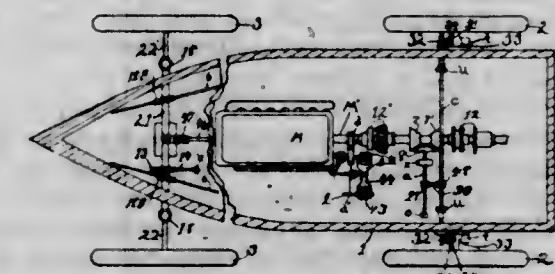
1. In combination, a curved spring, a plate having an offset curved intermediate portion abutting the concave side of the spring, a second plate similar to the first plate having its intermediate portion abutting the convex surface of the spring, means engaging the adjacent ends of said plates together, and means fixing the other ends of said plates to the spring.

1,641,573. PROCESS FOR TREATING LATEX AND PRODUCTS OBTAINED THEREBY. SIDNEY M. CADWELL, Leonia, N. J., assignor to The Naugatuck Chemical Company, Naugatuck, Conn., a Corporation of Connecticut. Filed Sept. 22, 1925. Serial No. 57,960. 18 Claims. (Cl. 18—53.)

1. A method for treating rubber latex which consists in retarding the vulcanization of the rubber in said latex by inactivating at least one of the vulcanizing ingredients contained therein.

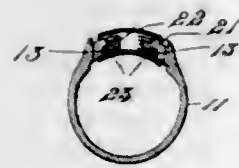
10. A method for vulcanizing at ordinary temperatures the rubber derived from an unvulcanizable latex which consists in incorporating with rubber latex an accelerating combination adapted to vulcanize the latex, retarding the vulcanizing function of the combination while in said latex, removing water from the latex and recovering a rubber which vulcanizes at ordinary temperatures.

1,641,574. CAR SPEED BOAT. FELIPE CHAVEZ, Los Angeles, Calif. Filed Nov. 17, 1924. Serial No. 750,255. 61 Claims. (Cl. 115—1.)



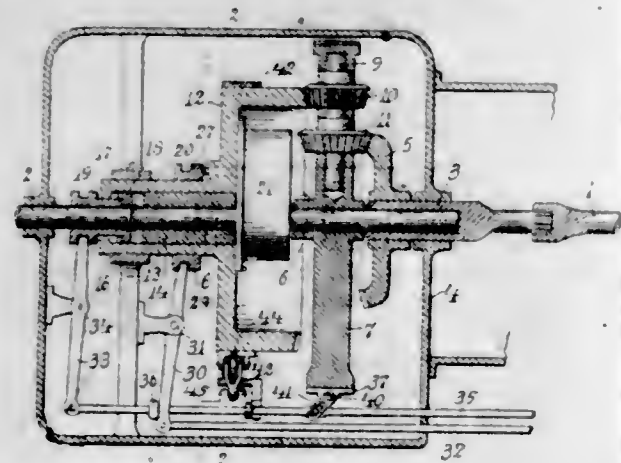
61. A combined land and water vehicle in which the front wheels thereof are adapted to be raised and lowered through the arc of an entire circumference by means of a set of instrumentalities positioned within said vehicle, and the rear wheels of said vehicle are adapted to be raised and lowered on said vehicle in a vertical direction by other instrumentalities positioned in said vehicle, substantially as described.

1,641,575. RING. JOHN CIBOR, Providence, R. I. Filed Apr. 17, 1926. Serial No. 102,683. 4 Claims. (Cl. 63-16.)



2. A finger ring comprising a hollow head, a single piece band member having separable ends slidably extending into said head from opposite sides thereof, said each end having an opening therein, a pair of abutments carried by and within said head and one extending into the opening in one of said band ends and the other extending into the opening in the other of said band ends, and springs in said openings acting between said head abutments and band said band ends to slide in said head toward each other and contract the size of the ring.

1,641,576. SPEED-CHANGE GEAR. ALBERT BURDETT CLARK, Boston, Mass. Filed Oct. 30, 1925. Serial No. 65,751. 7 Claims. (Cl. 74-34.)

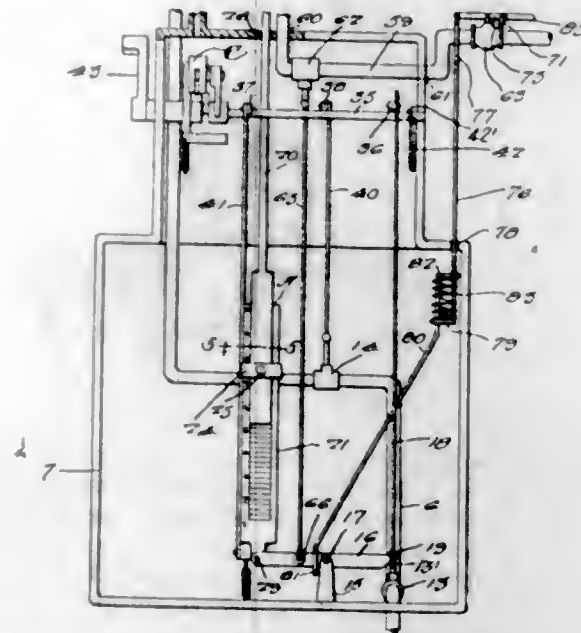


1. A speed change gear comprising an engine shaft, a gear turning with the engine shaft, an intermediate shaft in alignment with said engine shaft fixed on said intermediate shaft, a radially disposed spindle carried by said member, two gears fast on said spindle, one thereof in mesh with the firstnamed gear, a large gear in mesh with the other of said two gears and rotative on said intermediate shaft, a propeller shaft in alignment with said intermediate shaft, a variable resistance element connected with said large gear and with said intermediate shaft, means for clutching said propeller shaft to either said large gear or said resistance element, means for automatically holding said large gear from turning backward but not forward, and means operative when the propeller shaft is put into clutch with said large gear to hold said intermediate shaft from rotating.

1,641,577. LIQUID-DISPENSING APPARATUS. HUGH R. CORLEY, Lexington, S. C. Filed Sept. 4, 1925. Serial No. 54,524. 10 Claims. (Cl. 221-100.)

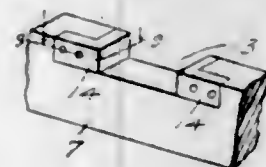
1. A liquid dispensing apparatus including, in combination, a pipe leading from a source of supply, a primary valve in said pipe, a secondary valve in said pipe, a tank at the end of said pipe, a rocker bar having one end operatively connected to the primary valve, a rocker shaft, a crank extending from the shaft, a rod operatively connected with the primary valve and said end of the bar, a pin and slot connection between the rod and the crank, a second crank extending from the shaft in an opposite direction to the first crank, a second rod pivotally engaged with the second crank and operatively connected to the secondary valve, a third crank extending from the shaft in the same direction with the first crank,

a pivotally mounted dog, a third rod operatively connected with the dog and the third crank, a piston slidably mounted in the tank, a piston rod including a section connected to the piston and a second section connected to the other end of the bar and provided with a notch engageable by the dog, and means for adjustably connecting the sections, means for rocking the shaft in one direction to cause the first crank to pull the first rod to open the primary valve, to cause the second crank



to push the second rod to close the secondary valve, and to cause the third crank to pull the third rod to swing the dog out of engagement with the notch, said first rod simultaneously rocking the bar to pull the piston rod and to move the piston a distance downwardly in the tank, and a spring normally returning the shaft to its initial position to pull the second rod so as to open the secondary valve and return the dog to its engaging position through the third crank and the third rod.

1,641,578. LOCKING BAR AND PLATE FOR RAIL-WAY-SWITCH POINTS. GEORGE L. COWPERTHWAIT, Clarks Summit, Pa. Filed Jan. 27, 1926. Serial No. 84,225. 2 Claims. (Cl. 246-448.)

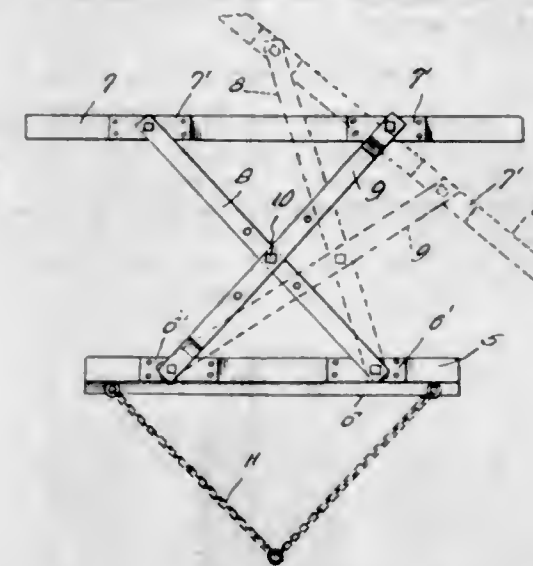


1. In a mechanism as described a bar member provided at its longitudinal edge with a slot and having at one side and at the ends of the slots longitudinally disposed recesses and lug members of relatively hard material having angularly disposed end portions, one end portion of the lugs bears against the end edges of the slot and the other end portions of the lugs entering the adjacent recesses and completely filling the same.

1,641,579. MANUFACTURE OF SYNTHETIC CAMPHOR BY MEANS OF A LIQUID CATALYST. LEON DARRASSE and ETIENNE DARRASSE, Paris, and LUCIEN DUPONT, Vincennes, France. Filed June 1, 1921. Serial No. 474,190, and in France June 9, 1920. 5 Claims. (Cl. 260-99.)

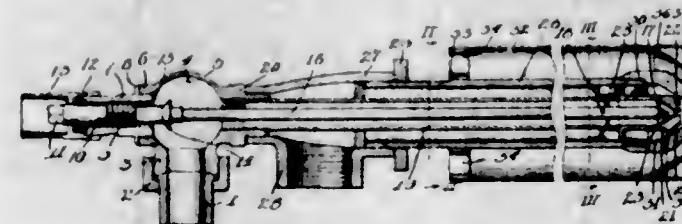
1. In the process of making camphor from turpentine by converting the pinene into bornylester, saponifying the ester to produce borneol and oxidizing the borneol to camphor; the improvement which comprises acting on turpentine with oxalic acid and a liquid catalyst consisting solely of a halogenated open chain hydrocarbon at a temperature that is substantially the boiling point of the mixture.

1,641,580. ROAD GRADER. CHARLES P. DENISON, Mazeppa, Minn. Filed Aug. 21, 1926. Serial No. 130,605. 1 Claim. (Cl. 37-175.)



In a road grader of the class described, a front cutter comprising an angle bar, the vertical flange of which is sharpened to provide a cutting edge, tapered integrally formed blocks on the horizontal flange of said bar, a relatively long spreader comprising a right angle bar adapted to be disposed either in parallelism to or diagonal to the cutter, and a pair of connecting strips disposed in intersecting crossed relation and connected at the forward ends to the blocks on said cutter, additional tapered blocks on said spreader, the connecting members being connected at their rear ends with said additional blocks.

1,641,581. OIL BURNER. JAMES EGAN, Chicago, Ill. Filed May 1, 1926. Serial No. 105,983. 1 Claim. (Cl. 158-76.)

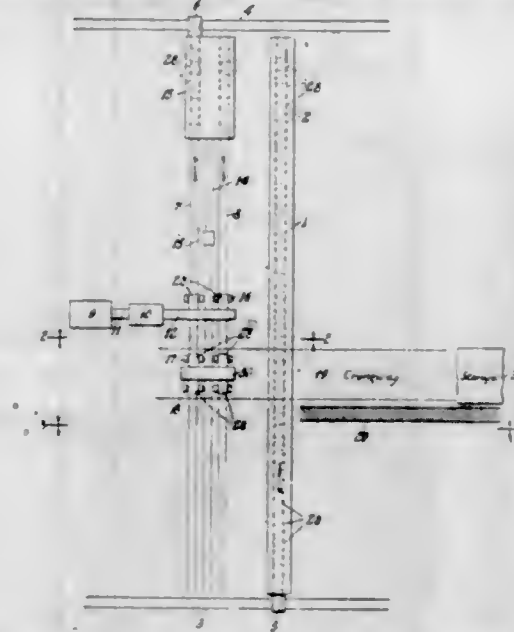


An oil burner comprising an oil nozzle, means for controlling the discharge of oil therefrom, an air nozzle surrounding said oil nozzle, vanes separating said oil nozzle from said air nozzle to cause the air issuing from said air nozzle to assume a whirling action to break up the oil leaving said oil nozzle and form a fuel mixture, and an apertured free air jacket surrounding said air nozzle adapted to supply an additional quantity of air for mixing with said discharged fuel mixture, said oil nozzle and air nozzle having bevelled parallel faces spaced from one another and adapted to be automatically cleaned due to the whirling action of the air when leaving said air nozzle.

1,641,582. PLANT FOR MANUFACTURING CERAMIC PRODUCTS. WILLIAM LEE HANLEY, Jr., Bradford, Pa. Filed June 2, 1925. Serial No. 34,313. 14 Claims. (Cl. 25-2.)

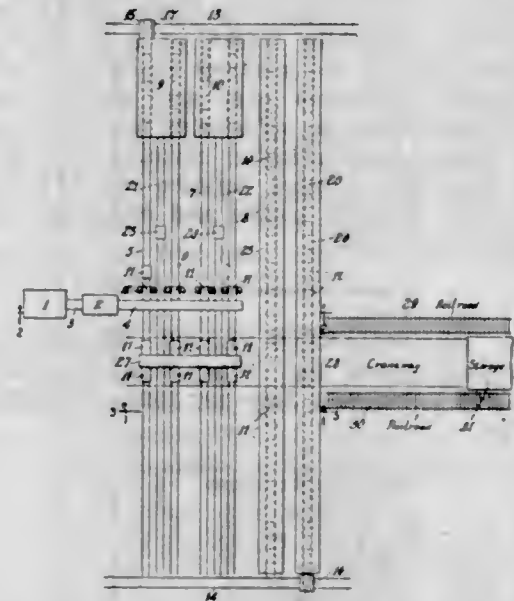
1. In a plant for manufacturing stiff mud ceramic products, the combination of a burning kiln of the tunnel type having a track for tunnel cars extending there-through, an exterior track for tunnel cars substantially parallel thereto, transferring means at each end of said kiln and exterior tracks for transferring the tunnel cars from one to the other, of a forming machine located adjacent to the exterior track and near the center of its length and provided with an off bearing belt for conveying the moist bricks to tunnel cars on said exterior

track, of a drier located in the line of the exterior track between the off bearing belt and one of said transfer means, and having its discharge end directly adjacent



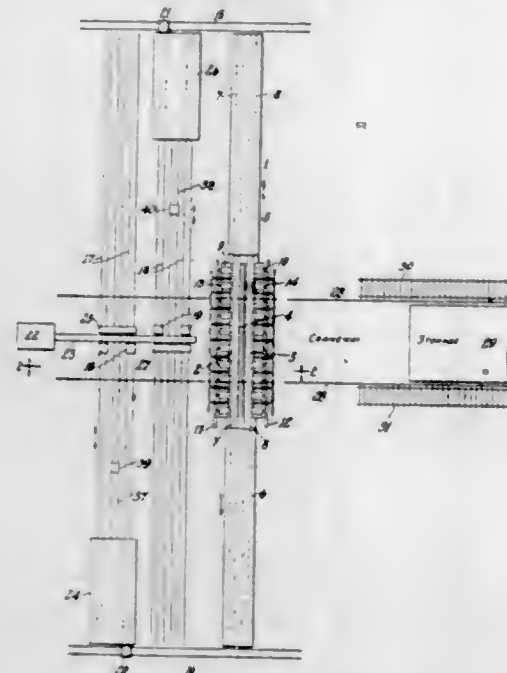
to said transfer means whereby the cars of dry products are transferred directly from the drier to the kiln without material loss of heat.

1,641,583. PLANT FOR MANUFACTURING CERAMIC PRODUCTS. WILLIAM LEE HANLEY, Jr., Bradford, Pa. Filed May 5, 1925. Serial No. 28,050. Renewed Feb. 4, 1927. 3 Claims. (Cl. 25-2.)



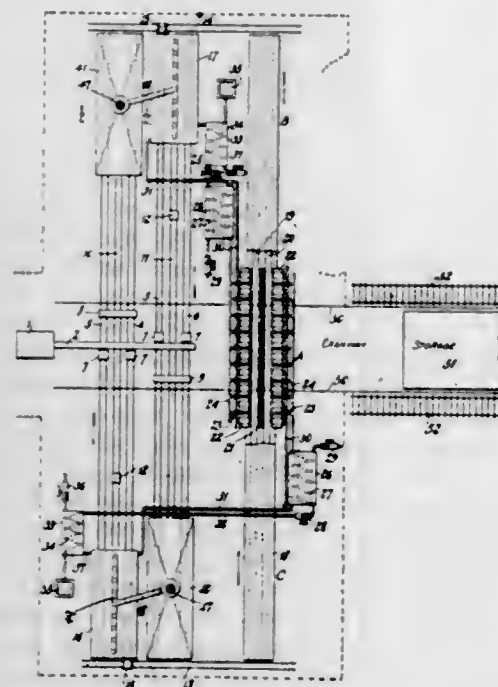
1. In a plant for manufacturing ceramic products, the combination with a pair of tunnel kilns arranged side by side and having a track for tunnel cars extending there-through, car transferring means located at each end of said kilns, a plurality of exterior tracks for tunnel cars substantially parallel to the kiln tracks and extending from one transferring means to the other, a forming machine for producing ceramic products, provided with an off-bearing belt extending over said exterior tracks at a height sufficient to permit the passage of the tunnel cars beneath the same, said off-bearing belt extending transversely with respect to said tracks and being located near the center of length of said exterior tracks, drying means located between said off-bearing belt and one of said transferring means, said exterior track passing in a substantially straight line from the off-bearing belt to and through said drying means, an unloading and sorting platform located between the off-bearing belt and the other transferring means, disposed transversely of said exterior tracks and extending above the same at a height sufficient to permit the passage of the tunnel cars beneath the same.

1,641,584. PLANT FOR MANUFACTURING CERAMIC PRODUCTS. WILLIAM LEE HANLEY, Jr., Bradford, Pa. Filed June 9, 1925, Serial No. 35,882. Renewed May 4, 1927. 10 Claims. (Cl. 25-2.)



1. In a plant for manufacturing ceramic products, the combination with a burning kiln of the twin tunnel type, having two parallel tracks for tunnel cars moving in opposite directions therethrough, a plurality of exterior tracks for tunnel cars located alongside of the kiln and substantially parallel thereto, transferring means at each end of the kiln for transferring tunnel cars between the exterior tracks and kiln tracks, of a forming machine located adjacent to the exterior tracks, an off-bearing belt extending therefrom over said exterior tracks, a drier located between the off-bearing belt and one of said transfer means and enclosing certain of said exterior tracks, and a drier located between the off-bearing belt and the other transfer means and enclosing the others of said exterior tracks.

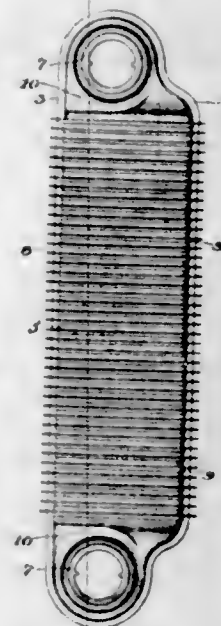
1,641,585. BRICKMAKING PLANT. WILLIAM LEE HANLEY, Jr., Bradford, Pa. Filed Sept. 11, 1925, Serial No. 55,646. Renewed July 19, 1927. 9 Claims. (Cl. 25-2.)



1. In a plant for the manufacture of ceramic products, the combination with a kiln, provided with means for receiving cars carrying the products to be fired, exterior

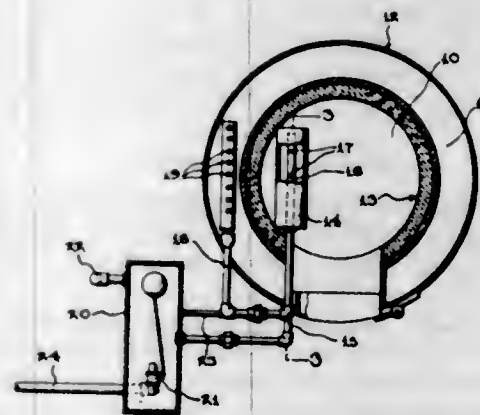
tracks for receiving said cars when removed from the kiln, a heat collecting dome extending over said exterior tracks, and means for conducting the air heated by said fired products from the heat collecting dome to a point where said air may be utilized.

1,641,586. STREAM-LINE HIGH-PRESSURE RADIATOR. AUSTIN H. HART, Greenwich, Conn., assignor to Rome Radiation Company, Incorporated, Rome, N. Y. Filed Nov. 9, 1926. Serial No. 147,353. 1 Claim. (Cl. 257-140.)



A radiator section for heating systems adapted to be subjected to pressures above fifty pounds and comprising a pair of brass plates having their edges welded together and shaped to form, when so welded, a flat tube with substantially parallel side walls and closed ends, and a plurality of fins spaced apart lengthwise on and supported wholly by said tube, each fin being provided with a flange shaped to contact in close sliding friction fit with the periphery of said tube and adapted to hold its fin perpendicular to said tube.

1,641,587. HUMIDIFIER FOR HOT-AIR HEATING SYSTEMS. CHRISTIAN J. HILTY, Rittman, Ohio. Filed Feb. 25, 1926. Serial No. 90,572. 2 Claims. (Cl. 126-113.)



1. In a humidifier for hot air furnaces, a casing adapted for insertion in the fire box of a furnace, intake and exhaust pipes communicating with the casing, means con-

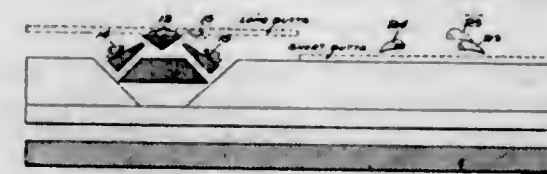
ducted with the intake to maintain a constant level within the casing below the level of the exhaust pipe, a perforated pipe arranged within the hot air chamber of the furnace, a connection between the exhaust pipe and said perforated pipe, said means for constantly maintaining a fluid level within the casing including a float tank and a drain connecting the connection between the exhaust and perforated pipe and said float tank.

1,641,588. METHOD OF AND MEANS FOR MANUFACTURING ARTIFICIAL SILK. MARTIN HÖLKEN, Jr., Barmen, Germany. Filed Jan. 25, 1923, Serial No. 614,826, and in Germany July 12, 1920. 7 Claims. (Cl. 18-S.)



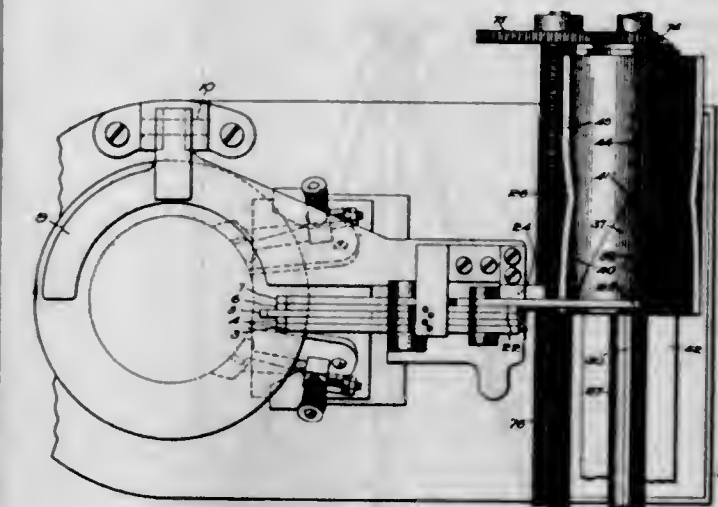
4. In an apparatus for the manufacture of artificial silk thread by the stretch-spinning method, a supply conduit containing the cuprammonium cellulose solution, a plurality of spinnarettas each having a plurality of apertures of at least 0.8 mm., a rotary controller between the supply conduit and each spinnarette, each controller governing the flow of solution from the conduit to the spinnarette communicating therewith and operative for feeding from the conduit to the spinnarette for expression through the spinnarette apertures a fixed volume of the solution per unit of time constantly proportionate for a rate of flow through the spinnarette apertures for continually producing filaments of aggregate dimensions when combined to form a thread of continuously predetermined and unvarying diameter, and also operative for protecting such volume of solution from pressure variations of the source, means for subjecting the filaments expressed by each spinnarette to stretch reduction, a source of power for driving the controllers, and toothed gearing between said source of power and the controllers for immutably operating said controllers invariably at the same rate of speed.

1,641,589. HOSIERY MACHINE FOR MAKING RIGHT AND LEFT TOE POCKETS. FRANK E. JONES, Pawtucket, R. I., assignor to Hemphill Company, Central Falls, R. I., a Corporation of Massachusetts. Filed Mar. 8, 1919. Serial No. 281,350. 35 Claims. (Cl. 66-48.)



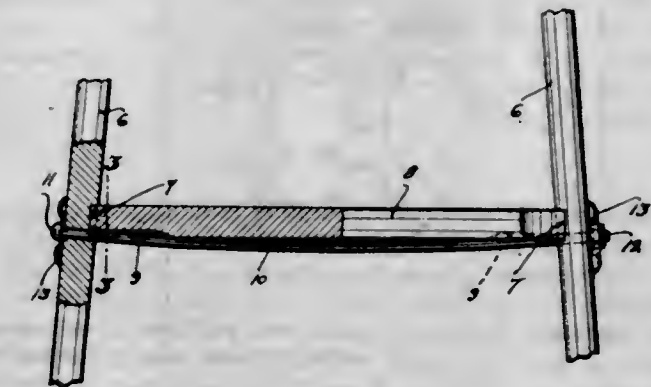
35. A circular, hosiery knitting machine having a needle cylinder and a cam ring, the latter having knitting cams and two narrowing pickers and two widening pickers, said pickers respectively operating at the little toe side and great toe side of the toe pocket, together with means automatically so to co-relate the operation of the said narrowing pickers and widening pickers at the two sides that widening is effected at the little toe side, but a straight non-fashioned edge is made at the great toe side.

1,641,590. FEEDING MEANS FOR KNITTING MACHINES. FRANK E. JONES, Pawtucket, R. I., assignor to Hemphill Company, Central Falls, R. I., a Corporation of Massachusetts. Filed Aug. 1, 1922. Serial No. 578,873. 22 Claims. (Cl. 66-133.)



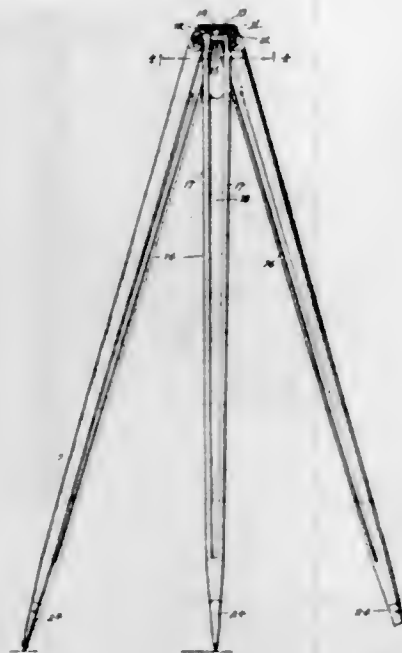
22. A knitting machine comprising, in combination, a series of needles, knitting cams, a main thread guide, a supplemental thread guide movable into and out of functioning position, and a pattern member controlling the movements of said supplemental thread guide, said pattern member having a high surface of tapering contour extending for a portion only of the surface of the pattern member, low surfaces at each side of said high surface, and a high surface extending from one of said low surfaces, said pattern member being of cylindrical form and rotatable, and a screw with rotary means therefor, to traverse said member past and in operative relation to said supplemental thread guide during the rotation of said pattern member, thereby to move said reinforcing thread guide into and out of feeding position, a main pattern drum upon the machine and operative connections therefrom controlling the traversing and rotating movements of said pattern member.

1,641,591. STEPLADDER. JOHN E. KALGREN, Minneapolis, Minn., assignor to The J. R. Clark Co., Minneapolis, Minn., a Corporation of Minnesota. Filed Oct. 25, 1926. Serial No. 143,923. 2 Claims. (Cl. 228-58.)



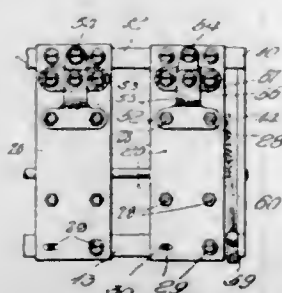
1. A ladder comprising ladder bars, interposed treads and transverse tie rods, said treads having relatively short grooves at opposite ends thereof terminating abruptly at their opposed ends, and said tie rods anchored in said ladder bars and extending through said end grooves and engaging the end walls thereof, whereby said tie rods are sprung out of engagement with the major portion of the respective treads in tying the parts together.

1,641,592. TRIPOD. ROBERT E. KAPPS, Troy, N. Y., assignor to W. & L. E. Gurley, Troy, N. Y., a Corporation of New York. Filed Jan. 30, 1924. Serial No. 689,482. 2 Claims. (Cl. 248—43.)



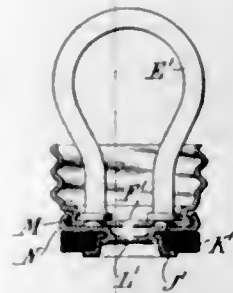
1. A head for tripods comprising in one piece an annular body of frusto-conoidal form relatively thick at its top and there formed with a shoulder and threads to receive an instrument base, said body tapering toward its lower margin, and the conoid elements being concave outward; and leg attaching lugs projecting from the outer conoidal surface of said body and braced together in pairs by intervening tubular connections.

1,641,593. MULTIPLE VARIABLE CONDENSER. FREDERICK A. KOLSTER, Palo Alto, Calif., assignor to Federal Telegraph Company, San Francisco, Calif., a Corporation of California. Original application filed Apr. 28, 1926. Serial No. 105,050. Divided and this application filed Oct. 6, 1926. Serial No. 139,947. 1 Claim. (Cl. 175—41.5.)



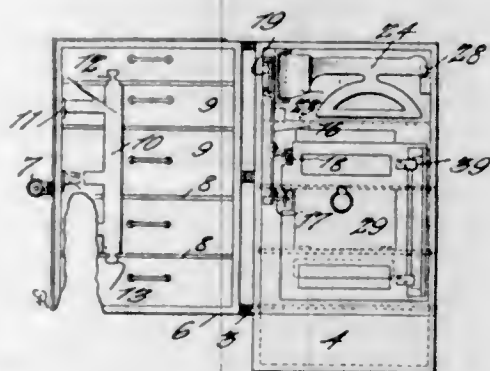
A multiple variable condenser comprising a metal frame, a shaft journaled in said frame and grounded to the same, a plurality of variable condenser structures mounted upon said frame, said structures including a rotor plate mounted upon said shaft and stator plates mounted upon the frame, the mounting for the stator plates comprising an insulating strip secured at its ends to said frame, and secured to said stator plates at its intermediate portion, and a small adjustable condenser shunted across each variable condenser, each of said adjustable condensers being mounted upon the insulating strip of the condenser structure with which it is in shunt for fixing the maximum to minimum capacity ratio thereof.

1,641,594. WATER-BOTTLE STOPPER. HENRY PHILLIP KRAFT, Ridgewood, N. J.; Edgar J. Phillips and Earl A. Darr, executors of said Henry Phillip Kraft, deceased. Filed Feb. 10, 1923. Serial No. 618,202. Renewed Dec. 16, 1926. 6 Claims. (Cl. 150—8.)



1. A stopper for hot water bottles or the like, comprising a cup open at its top and a handle passing downwardly through the open top end and connected with the cup solely by engagement with the bottom wall thereof.

1,641,595. WARDROBE TRUNK. ORVIL G. LEMMER, Seattle, Wash. Filed Jan. 28, 1927. Serial No. 164,333. 6 Claims. (Cl. 190—13.)



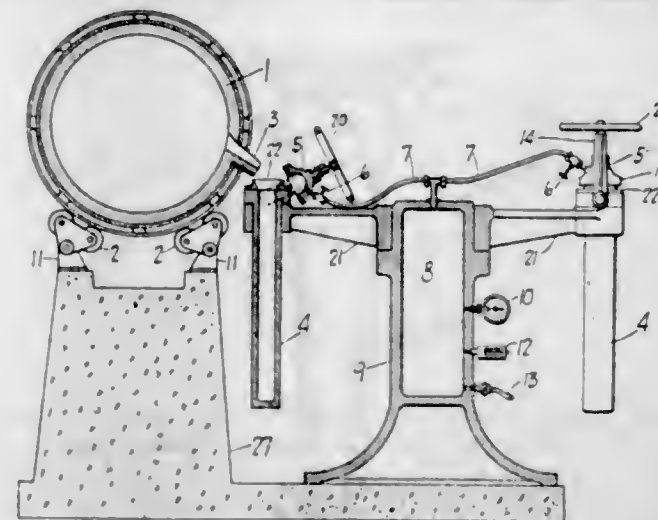
1. A wardrobe trunk including a drawer section, a wardrobe section, hangers slidable in the wardrobe section, and a series of compartments arranged below the hangers, said compartments being adjustable as to size to vary the space permitted the garments supported on the hangers.

1,641,596. LETTER SCALE. CHARLES MAHLOY, Roanoke, Va. Filed Oct. 18, 1926. Serial No. 142,379. 3 Claims. (Cl. 265—49.)



1. A scale comprising a body having a substantially arcuate under surface divided into a plurality of longitudinally extending faces, the body having one end weighted and normally resting upon a face of its under surface adjacent the weighted end of the body, and means at the opposite end of the body to support an article to be weighed whereby the body will be rocked longitudinally from one face onto another according to the weight of the article.

1,641,597. NONSHRINKAGE CAVITY INGOT MOLD. WILLIAM FREDERICK McMAHON, Riverside, Calif. Filed June 10, 1925. Serial No. 36,156. 7 Claims. (Cl. 22—69.)

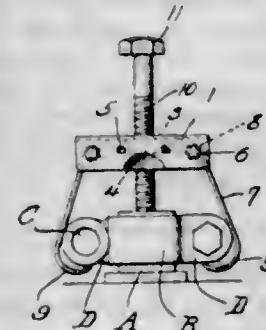


1. In a device for casting ingots, a pedestal, a mold open at its upper end, a mold support mounted on the pedestal to swing the mold as a whole to and from the pouring position, means for sealing the open end of the mold and movable with said support, and means for feeding a gas under pressure to the upper end of the mold.

1,641,598. PROCESS OF RECLAIMING RUBBER. GEORGE J. MILLER, Douglas, Ariz. Filed Dec. 22, 1926. Serial No. 156,526. 3 Claims. (Cl. 18—52.)

3. The process of reclaiming rubber which comprises the following steps: (1) comminuting the mass from which the rubber is to be reclaimed, (2) placing the comminuted mass in a bath of kerosene oil and maintaining the temperature of the bath from 120° C. to 190° C. until the mass as dissolved, (3) permitting the dissolved mass to cool, removing the solid impurities in any desired way as by settling or filtration, etc. (4) then adding to the cooled solution a sufficient amount of alcohol or other precipitant to precipitate the vulcanized rubber out of solution and causing the alcohol or other precipitant to mix with the kerosene oil by the addition of a sufficient amount of a third substance in which kerosene oil and alcohol or other precipitant are mutually miscible as carbon bisulphide, carbon tetrachloride, benzol, etc. for examples, (5) causing the vulcanized rubber precipitate to separate from the vehicle and further purifying the vulcanized rubber precipitate by re-solution in a suitable solvent such as carbon bisulphide for example and re-precipitating by alcohol or other precipitant until the rubber is purified, (6) and then drying the rubber to free it from solvent and alcohol.

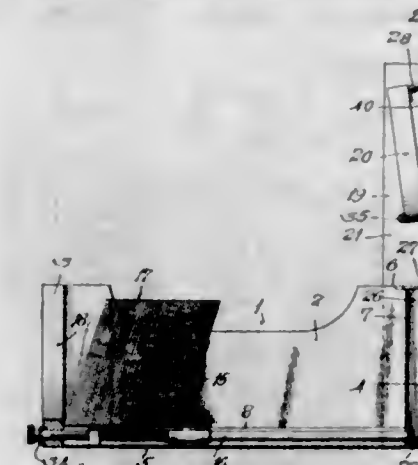
1,641,599. PULLER FOR BATTERY TERMINALS. HENRY J. NOACK, Spokane, Wash. Filed Dec. 22, 1926. Serial No. 156,394. 2 Claims. (Cl. 29—84.)



1. A terminal puller for batteries including a longitudinally channelled body, tongues pivotally connected to the end portions of the body and having terminal

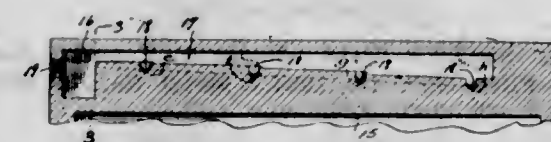
hooks, a nut firmly seated within the channelled body, there being inwardly offset portions formed by the walls of the body for holding the nut against movement relative to the body, and a pressure screw extending through the nut and body.

1,641,600. COMBINATION DESK CALENDAR AND CARD-INDEX TRAY OR FILE. JAMES B. ORMOND, Flagstaff, Ariz. Filed May 24, 1926. Serial No. 111,357. 5 Claims. (Cl. 129—16.)



1. A desk calendar and card index tray comprising side, end and bottom walls, the front wall of the tray having an opening therein to normally render the cards in the tray visible and accessible, a cover for said tray and means swung from the inside of said cover for closing said opening when said cover is in closed position, and adapted to lie within said cover when said cover is in open position.

1,641,601. OIL CELLAR. JOHN RAIN, Shawnee, Okla. Filed May 29, 1926. Serial No. 112,615. 6 Claims. (Cl. 308—53.)



1. An oil cellar for journal boxes having side walls, each side wall being formed with an oil pocket at its forward end and a duct extending rearward from the oil pocket and having its bottom sloping rearwardly and downwardly, each side wall of the cellar being formed with ports communicating with the interior of the duct adjacent its bottom, and the ports being disposed at spaced intervals.

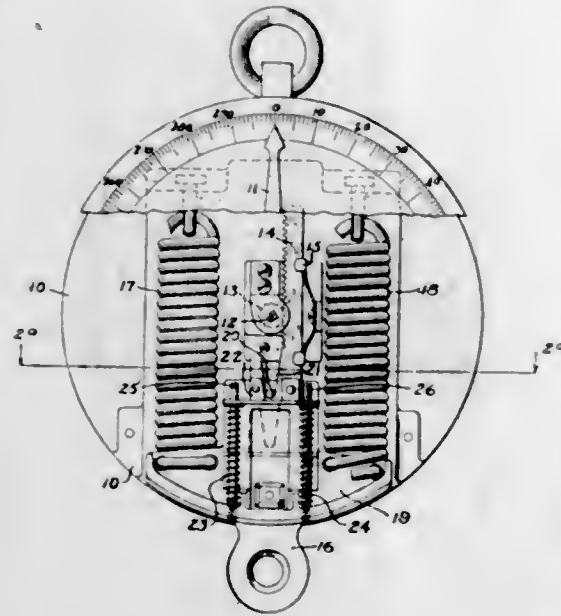
1,641,602. METHOD AND MEANS FOR SUPPORTING VIBRATORY STRUCTURES. THEODORE C. ROBERTS, New York, N. Y., assignor, by mesne assignments, to Dictaphone Corporation, New York, N. Y., a Corporation of New York. Filed Aug. 18, 1921. Serial No. 493,475. 7 Claims. Cl. 248—16.)



6. A suspension device for vibratory bodies, including a plurality of sets of spaced plates the plates of each set being connected together by means for securing the

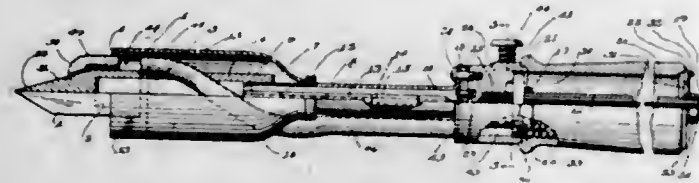
sets of plates to a vibratory body and a supporting body respectively, and sound-deadening material between the plates of each set, the sets of plates being secured to each other at points intermediate the connections of the plates of each set to each other and the vibratory body and supporting body respectively.

1,641,603. SCALE. JOHN W. ROCKEFELLER, Jr., New York, N. Y., assignor to John Chatillon & Sons, New York, N. Y., a Corporation of New York. Filed Apr. 22, 1926. Serial No. 103,774. 5 Claims. (Cl. 265-68.)



1. In a load measuring device of the spring type, the combination with a spring, of an indicator for measuring the load applied to said spring, actuating mechanism for the indicator means directly connecting said spring and actuating mechanism on application of the load, and a yieldable connection between said spring and actuating mechanism operable on release of said load.

1,641,604. SOLDER IRON. JAMES M. RUSSELL, Dayton, Ohio. Filed Mar. 18, 1924. Serial No. 700,099. 4 Claims. (Cl. 219-27.)

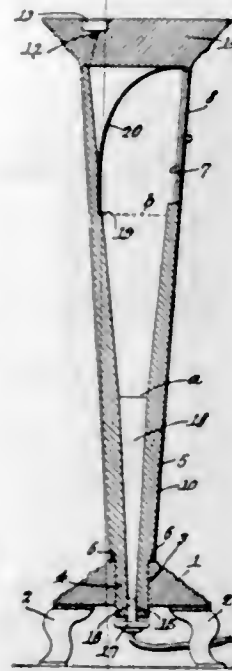


3. A soldering iron comprising in combination, a removable soldering tip, a heating element therefor, a handle having a chamber for the reception of a quantity of solder pellets, a heat insulator between the handle and the soldering element, an insulating chamber surrounding the rear of the element and defined by a sleeve spaced from the heating element, means for releasing the pellets from the chamber and a conducting tube extending from said releasing means, through the insulating chamber to a point adjacent the soldering tip.

1,641,605. LOUD SPEAKER. EARL A. SHANKWEILER, Allentown, Pa. Filed Dec. 7, 1925. Serial No. 73,752. 1 Claim. (Cl. 181-27.)

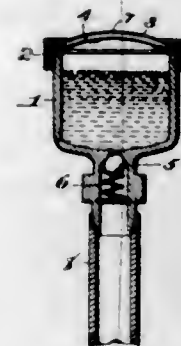
In a loud speaker the combination with a base, legs supporting the same, there being an opening in the base, of a pedestal including upwardly diverging walls having reduced lower ends cooperating to provide a shank seated within the opening, there being shoulders at the upper end of the shank bearing upon the base, the walls of the

pedestal being of varying thickness to provide a lower sound chamber and an upper sound chamber the walls of which diverge upwardly, the walls of the upper sound chamber diverging at a greater angle than the walls of the lower sound chamber but merging therewith at the



meeting ends of the chambers, there being an opening in the lower end of the pedestal for the reception of the loud speaker unit and an opening in the upper end of one of the walls, and a curved deflecting wall back of the last named opening for deflecting sound waves from the upper sound chamber to the opening.

1,641,606. OIL CUP. PAUL SMITH, Dayton, Ohio. Filed May 11, 1923. Serial No. 638,424. 1 Claim. (Cl. 184-69.)

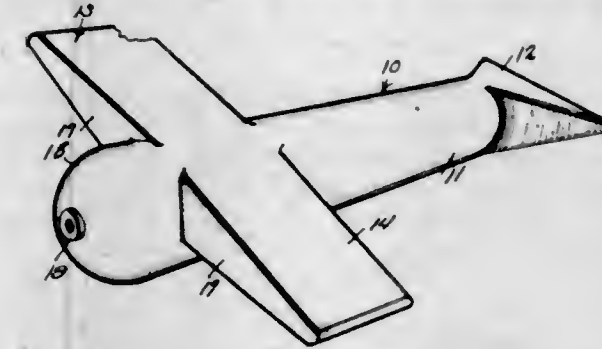


In combination, in an oil cup of the character described, a cup body, a cover for said body comprising a flexible diaphragm and retaining means for securing the same to said cup body, a centrally disposed aperture in said diaphragm normally maintaining the interior of said body in communication with the outside atmosphere, said aperture being of such restricted diameter as to adapt the same to be closed by the thumb of the operator, a valve adapted to be seated in the lower portion of said cup body to control the passage of oil therefrom, said valve being adapted to be unseated when the aperture is closed and downward pressure is exerted on said diaphragm, and to be seated when said aperture is opened, and a splash plate mounted in said cup body in close proximity to said aperture to prevent the egress of oil therethrough due to splashing.

1,641,607. TOY AEROPLANE. KARL C. SPATZ, Little Rock, Ark. Filed Aug. 14, 1926. Serial No. 129,105. 2 Claims. (Cl. 244-3.)

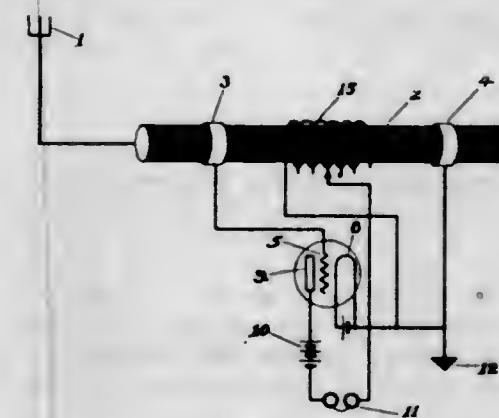
1. A toy aeroplane comprising an inflatable body tapered from its forward to its rear ends and having its forward end rounded to approximately semi-spherical

form, wings of hollow construction, and capable of inflation, extending from opposite sides of the body and in communication with the interior of the body, at their inner ends, the upper sides of the wings merging with the upper side of the body at the juncture of the wings



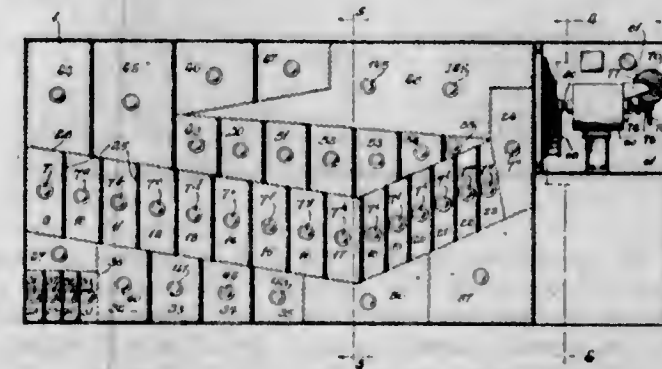
with the body, the under sides of the wings being located in a substantially horizontal plane intersecting the axis of the body, an inflatable fin at the rear end of the body in communication with the body, and means whereby an inflating fluid may be delivered into the body.

1,641,608. ELECTRICAL SIGNALING. GEORGE O. SQUIER, Washington, D. C.; JOSEPH O. MAUBORGNE, Chicago, Ill.; and LOUIS COHEN, Washington, D. C. Filed June 24, 1922. Serial No. 570,895. 3 Claims. (Cl. 250-20.)



1. In a system for the reception of radio signals the combination of an antenna, a single wave coil, and an electron tube detector, the grid of said electron tube detector being electrostatically connected to one point on the wave coil, the filament of the electron tube detector being connected to another point on the said wave coil, and the whole wave coil being connected in the plate filament circuit forming part of the plate filament circuit thereby effecting regeneration, the filament being grounded.

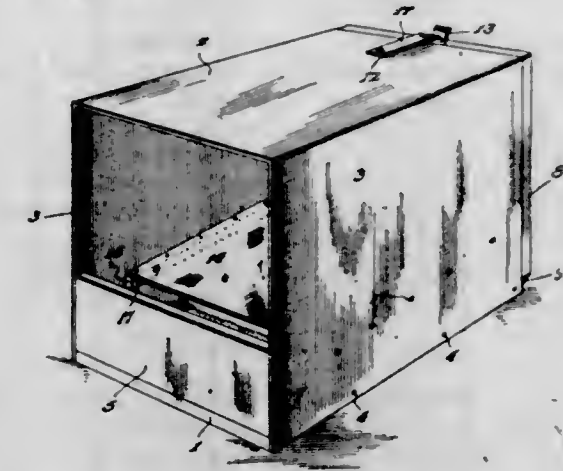
1,641,609. ADVERTISING DEVICE. LAWRENCE W. STONEQUIST, CHARLES ROTTUM, and ARTHUR J. STONEQUIST, Chicago, Ill. Filed Mar. 1, 1920. Serial No. 362,605. 2 Claims. (Cl. 40-132.)



1. An advertising device comprising a casing, a series of compartments in said casing, lights in said compartments, the side walls of said compartments being adjust-

able to vary the size thereof, characters in front of said compartments and normally concealed from view, the characters only being in view when the lights are lighted, means for successively lighting said lights so as to successively bring said characters into view to form the appearance of movement.

1,641,610. NEST. HERBERT A. TRULLINGER and WILLIAM HAROLD REYNOLDS, Clackamas County, Oreg. Filed June 29, 1926. Serial No. 119,402. 1 Claim. (Cl. 119-48.)

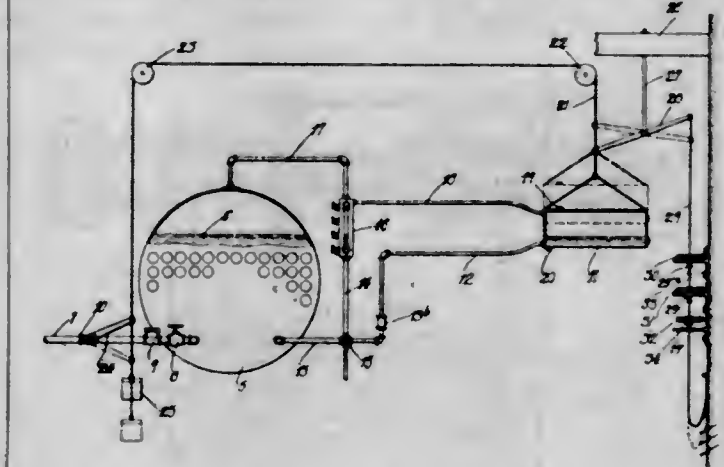


A nest comprising a housing open at its ends and including a bottom, side walls, and a top, a guard wall extending upwardly from said bottom between the side walls at one end of the housing, a closure door for the other end of the housing, a strip forming a portion of the bottom of said housing having said door hinged thereto and formed with an upper surface extending inwardly at a downward incline, a platform in said housing extending at a downward incline towards said guard wall and spaced therefrom, and means beneath the inner end of said platform to guide an egg dropped from the platform onto the bottom beneath the platform.

1,641,611. NAIL-PENETRABLE WALL BOARD. MORGAN K. ARMSTRONG, Winnetka, Ill., assignor, by mesne assignments, to United States Gypsum Company. Filed Apr. 29, 1920. Serial No. 377,421. Renewed Mar. 4, 1927. 2 Claims. (Cl. 154-45.9.)

1. A rigid, waterproof, nail penetrable wallboard comprising a plastic mix of deflocculated clay, a bituminous material, and calcined gypsum in such proportions that the product has the properties specified.

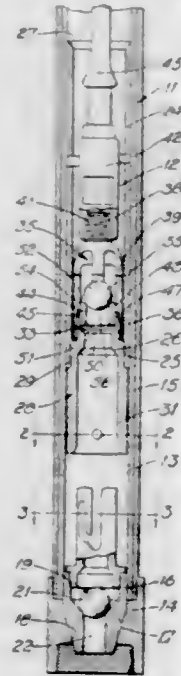
1,641,612. BOILER-FEED REGULATOR. ANDREW A. ATKINS, Mineral, Va. Filed Sept. 29, 1922. Serial No. 591,330. Renewed Aug. 3, 1927. 1 Claim. (Cl. 137-101.)



In a feed water regulating mechanism, the combination with a water receptacle, a water supply conduit having connection with the receptacle, a regulating valve in said

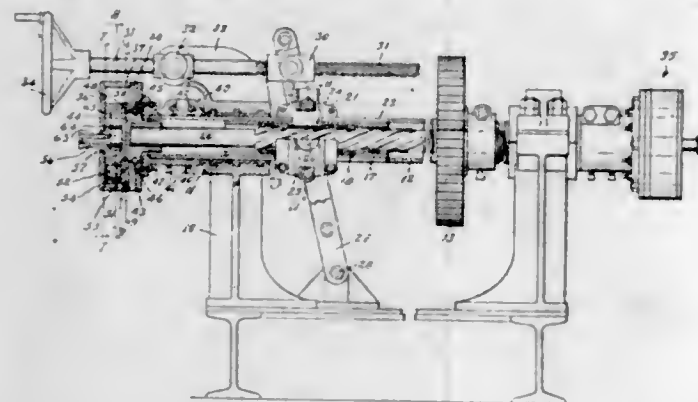
supply conduit, a vertically movable water drum communicating with the receptacle, a cable having connection with said drum and said regulating valve and including a weight, a lever fulcrumed and having one end connected with said cable adjacent the drum, a second cable connected with the other end of the lever and depending therefrom, a plurality of stops fixed to the second cable at spaced intervals, a weight slidably mounted on the second cable above each stop, and a support arranged beneath each weight having an aperture for the passage of the cable and stops.

1,641,613. PUMP. DWIGHT H. BARNWELL, Taft, Calif., assignor to Axelson Machine Company, Los Angeles, Calif., a Corporation of California. Filed July 25, 1925. Serial No. 46,016. 4 Claims. (Cl. 103-180.)



1. In a deep well pump, the combination of: a barrel; a plunger slidably disposed in said barrel; a standing valve removably seated adjacent the lower portion of said barrel, said standing valve having a body with a fluid passage, a valve member in said passage, and a cap provided upon the upper portion of said body, a fluid passage extending entirely through said cap in an axial direction; locking means formed on said cap about said axial passage; and interlocking means formed upon said plunger and adapted to engage said locking means for lifting said standing valve with said plunger.

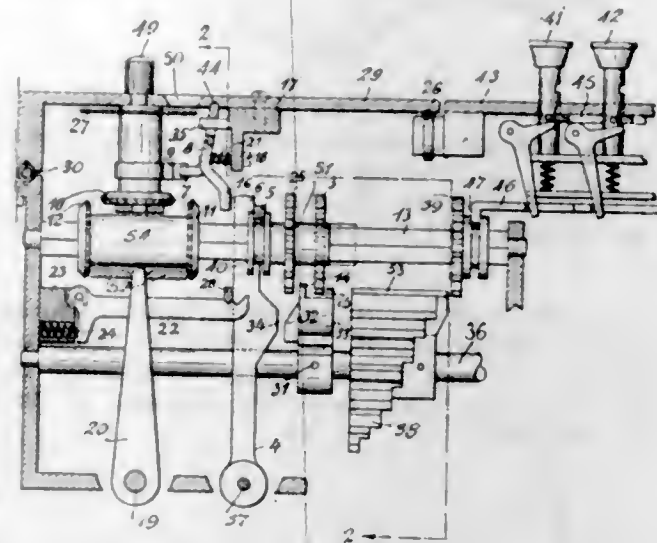
1,641,614. REVERSING GEAR. KNUTE BERGER, Seattle, Wash. Filed Aug. 4, 1924. Serial No. 729,920. 7 Claims. (Cl. 121-171.)



1. In valve operating devices for steam engines, a rotary housing, a valve operating member pivoted within said housing, a pin on said valve operating member pro-

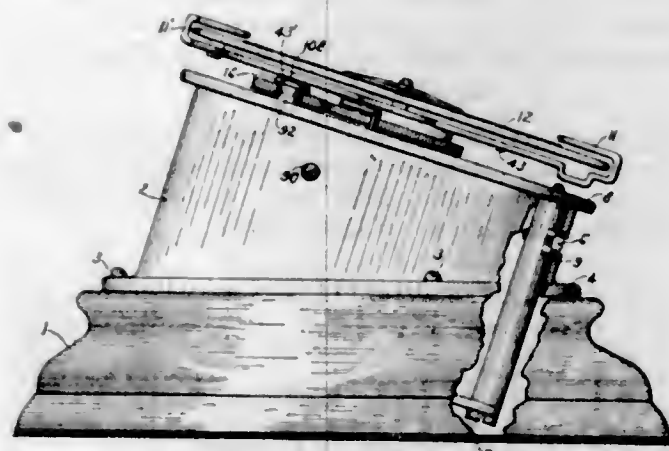
jecting outwardly from the front of said housing at a point removed from the center of rotation and means for simultaneously oscillating said valve operating member and moving the pivot that supports said valve operating member to produce movement of said pin in a straight line to one side of the center of rotation of said housing.

1,641,615. CALCULATING MACHINE. RICHARD BECK, Sommerda, Germany, assignor to the Firm Rheinische Metallwaren- und Maschinenfabrik, Dusseldorf-Berndorf, Germany. Filed May 1, 1925. Serial No. 27,139, and in Germany June 23, 1923. 2 Claims. (Cl. 235-81.)



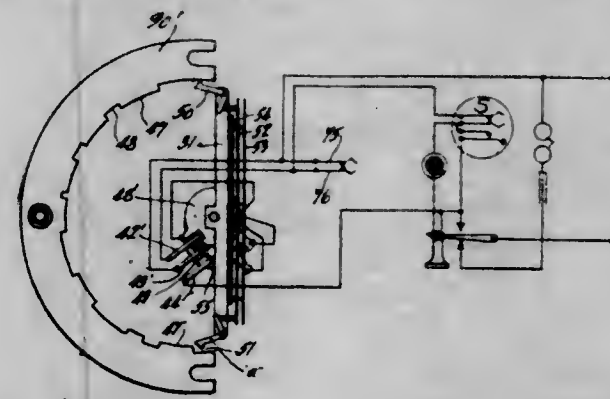
1. In transfer mechanism for a calculating machine of the type embodying a shiftable intermediate gear, a shift lever connected to said gear for shifting the same, and a carriage; a transfer lever adapted to engage and actuate said shift lever, said transfer lever having a rounded edge seated in a groove in said carriage, and being provided with an aperture, and a stud fixed to said carriage and passing through said aperture to hold said edge in said groove to permit the edge to pivot in said groove.

1,641,616. IMPULSE-TRANSMITTING DEVICE. JOHN G. BLESSING, Chicago, Ill., assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill., a Corporation of Delaware. Filed June 7, 1924. Serial No. 718,460. 19 Claims. (Cl. 179-90.)



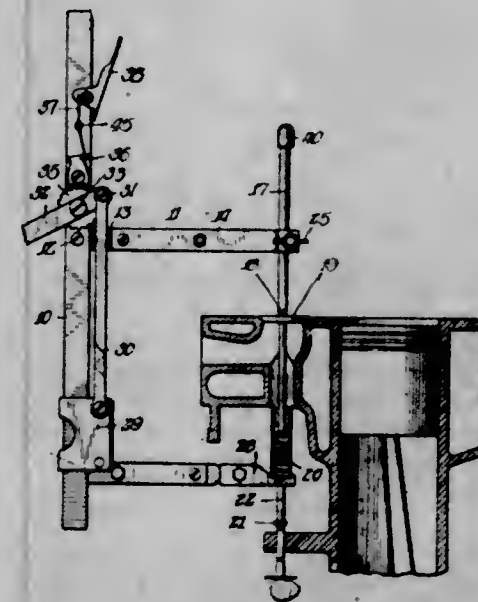
1. In an impulse transmitting device, impulse springs, means for operating said springs a definite number of times each time the device is fully operated and restored to normal, means for short circuiting said springs, a plurality of means for removing said short circuit at different periods during the operation of said device, and means for determining which of said last means will be used.

1,641,617. IMPULSE-TRANSMITTING DEVICE. JOHN G. BLESSING, Chicago, Ill., assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill., a Corporation of Delaware. Filed Aug. 28, 1924. Serial No. 734,561. Renewed Jan. 17, 1927. 18 Claims. (Cl. 179-90.)



1. In an impulse transmitting device, a bank of discs, a pair of springs normally opposite one of said discs, means including a worm gear for elevating said springs opposite any other of the discs, means for rotating said springs, and means for operating said springs during their rotation in a characteristic manner dependent on the contour of the disc opposite which the springs are located.

1,641,618. VALVE-SPRING LIFTER. OTTO BLOMBERG, Chicago, Ill. Filed Sept. 4, 1926. Serial No. 133,539. 9 Claims. (Cl. 29-86.3.)

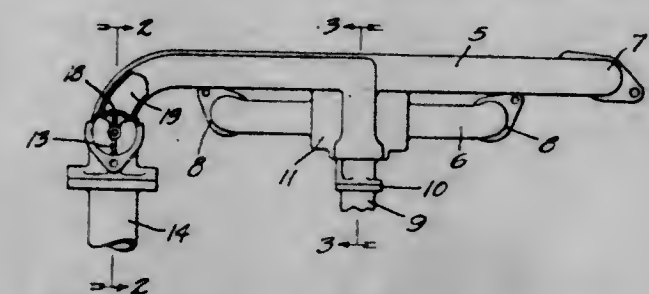


1. A valve spring lifter comprising supported relatively movable members, one of said members being engageable under the spring, a rod slidably mounted in said other member having one end thereof engageable with the valve for holding the latter down when the spring is being compressed, means for moving said members relatively to each other for compressing the spring for releasing the valve, and a slotted bolt extending through one of said members for receiving and releasably and frictionally locking said rod whereby a quick slidable adjustment of said rod may be made for operation on valves varying in length and to prevent distortion of said members due to excessive strain which otherwise would be transmitted through said slidably mounted rod.

1,641,619. INTERNAL-COMBUSTION-ENGINE MANIFOLD. CARL BRENN, Detroit, Mich. Filed Dec. 7, 1925. Serial No. 73,872. 3 Claims. (Cl. 123-122.)

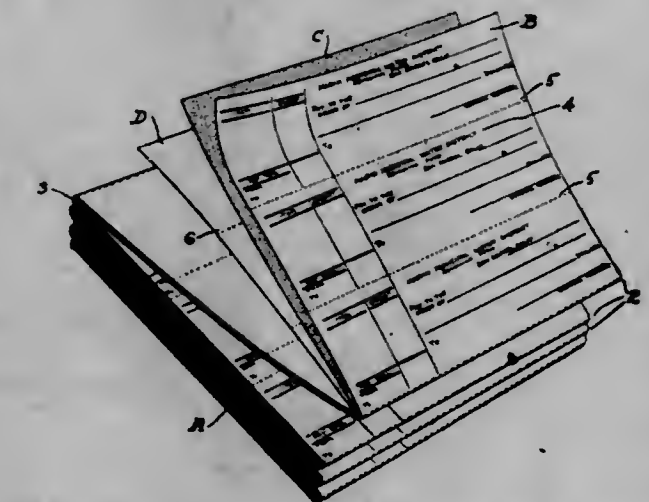
1. Manifolding for internal combustion engines comprising an intake manifold having a central fuel entrance portion and diverging arms, an exhaust manifold having

a central portion at least partially surrounding the central portion of the intake manifold and diverging arms separated from the intake arms, one of the arms of the exhaust manifold having integrally cast and co-extensive therewith a portion forming a smaller passage than the



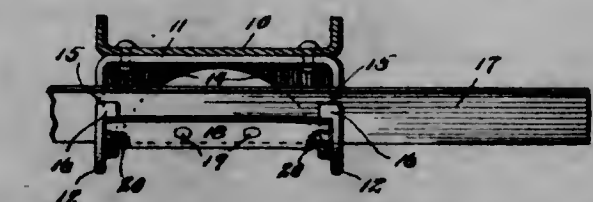
passage in the arm, said smaller passage and the passage in the arm having a common wall, said smaller passage communicating with the central portion, and a combination valve having portions extended into both passages and adapted, when operated, to alternately close one and open the other passage.

1,641,620. CONTINUOUS-INTERFOLD PACKET. HORACE E. BROWN, Oakland, Calif., assignor to Pacific Burt Company, Limited, Toronto, Ontario, Canada, a Corporation of Ontario. Filed July 22, 1925. Serial No. 45,188. 3 Claims. (Cl. 282-3.)



1. A packet for use in making manifold inscription having, in combination, two long, continuous, separate, relatively superposed, runner record-strips, a third long, continuous, separate, runner transfer-strip of carbon paper between and in manifold contact with said record-strips, and means, including a plurality of zig-zag folds of each of said strips, lying in the packet, coactive to retain lower folds of said transfer strip from movement relative to lower folds of said record strips and free of drawing strain consequent from drawing upper folds of said transfer-strip from the packet.

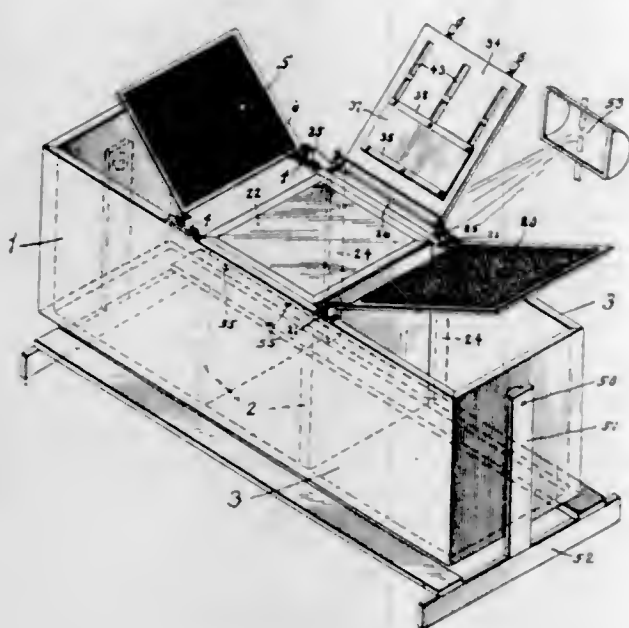
1,641,621. MOUNT FOR BRAKE-BEAM SAFETY BARS. THOMAS L. BURTON, New York, N. Y. Filed Nov. 1, 1924. Serial No. 747,171. 8 Claims. (Cl. 188-210.)



1. In a car construction, the combination of a bracket, a brake beam safety bar removably seated therein, an overhanging projection on said bracket, and a resilient

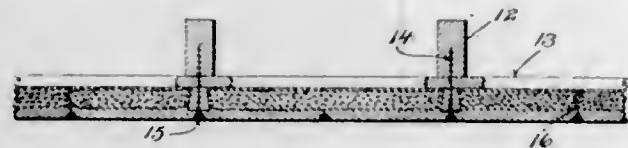
member carried by said bar and yieldingly holding said bar against movement in vertical or lateral directions and adapted to engage said stationary projection and lock said bar against accidental movement.

1,641,622. PLATE PRINTING MACHINE. ROY K. CARSON, Detroit, Mich., assignor to William J. Carson, Detroit, Mich. Filed Nov. 17, 1924. Serial No. 750,333. 8 Claims. (Cl. 95-73.)



1. In a device of the class described, the combination of a support, a pair of screens pivotally mounted thereon and adapted to be swung alternately to the same position, and a carrier for sensitized plates adapted to be moved to carry such plates into contact with said screens in succession, the lines on the two screens being similarly spaced and the screens and plate carrier being so mounted that the lines of both screens will affect the same portions of the sensitized plates and a source of light adapted to produce rays which pass unobstructed by lenses through said screens to the sensitized plate.

1,641,623. COMPOSITION BUILDING SIDING. WILLIAM A. CARTER, Milwaukee, Wis. Filed Sept. 26, 1925. Serial No. 58,842. 1 Claim. (Cl. 72-19.)



An outer slab for a building wall comprising a body portion having its outer face formed with a pattern thereon simulating tiers of distinct members, a series of tapered fibrous blocks embedded in the body portion with their larger ends stopping short of the outer face of the slab and with their inner ends flush with the inner face of the slab, said outer face having depressions formed therein in alignment with said blocks, whereby nails may be driven into the recesses, through the fibrous blocks and into supporting members.

1,641,624. SAFETY COOKING AND HEATING DEVICE. HARRY CHILINGIRIAN, Bridgeport, Conn. Filed Dec. 19, 1923. Serial No. 681,505. 8 Claims. (Cl. 126-38.)

1. In a stove, a supporting frame, a cabinet carried by said frame comprising bottom, side and end walls and a cross wall separating the cabinet into compartments, a

plurality of metal cover plates slidably mounted over said compartments and adapted to form supports for articles to be heated, said covers being adapted to be placed in



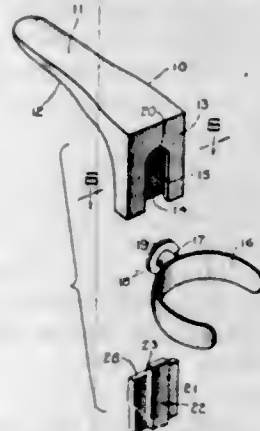
superimposed relation and also adapted to assume positions over either compartment, and heating means in said compartments.

1,641,625. SANDAL. MIRIAM L. DAVIS, Portland, Oreg., assignor of nine-twentieths to J. H. Berry, Portland, Oreg. Filed June 28, 1926. Serial No. 118,947. 4 Claims. (Cl. 36-115.)



1. A sandal of the class described, consisting in a body-sole portion, formed of sheet material having a pair of integral flaps extending upon opposite sides of said sole-portion, said flaps provided with inwardly directed tongues, and an endless elastic cord engaged about said tongues and thence extended forwardly for connection with the toe of the sole-portion.

1,641,626. ARTIFICIAL DENTURE. BERNARD H. EISENSTEIN, New York, N. Y. Filed Sept. 2, 1924. Serial No. 735,361. 11 Claims. (Cl. 32-12.)



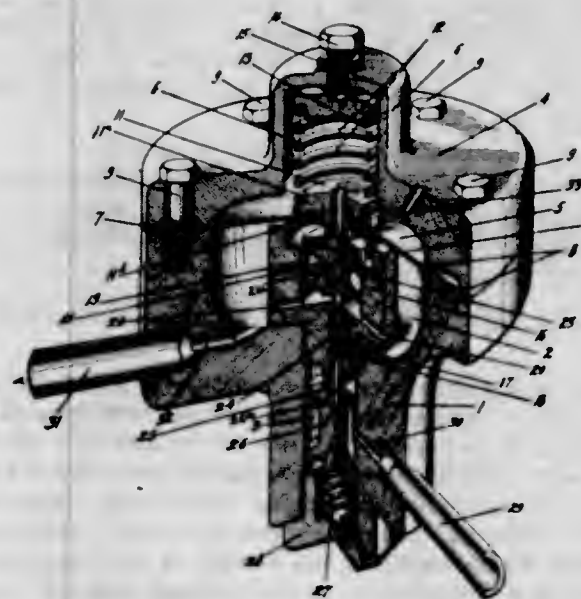
1. In an artificial denture, a denture body formed with a jaw base and side wall portions, a socket with a constricted opening in said side wall, said socket being formed so as to permit slidable insertion of a clasp head and a locking plug adapted to be slidably inserted in said socket for retaining said clasp head in the socket.

1,641,627. COUPLING FOR WIRES, ETC. CARL H. ERICSON, Boston, Mass. Filed July 27, 1926. Serial No. 125,175. 3 Claims. (Cl. 173-263.)



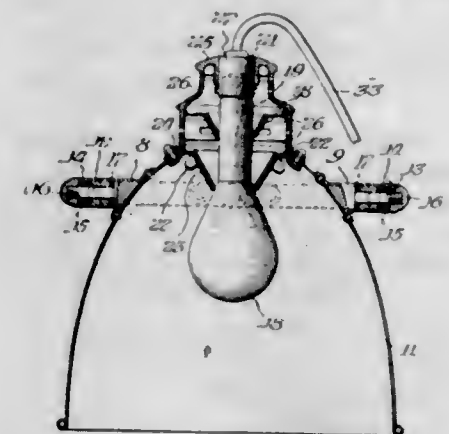
1. A coupling comprising a sleeve member and two wedge members insertible in the bore of the sleeve member, and provided with means for engagement with parts to be connected by the coupling, the wedge members having complementary inner faces inclined relative to the axis of the sleeve, and outer faces formed to frictionally engage the sleeve bore, the arrangement being such that when the wedge members are inserted in the sleeve and subjected to longitudinal strain, their outer faces are pressed laterally outward into binding engagement with the sleeve bore, and the wedge members are rigidly connected by the sleeve, and when the longitudinal strain ceases, the wedge members may be forced inward toward each other until the binding engagement also ceases, and the sleeve is removable from the wedge members.

1,641,628. AUTOMATIC-VALVE CONTROL. WILFRED FOURNESS, Pasadena, Calif., assignor to E. G. Burghard, Glendale, Calif. Filed Oct. 8, 1925. Serial No. 61,373. 1 Claim. (Cl. 50-23.)



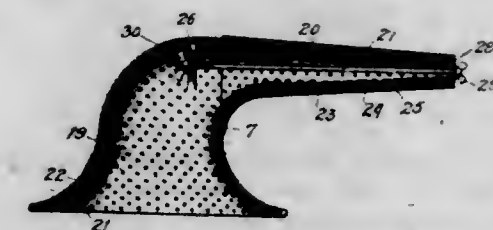
In an automatic valve control, in combination, a body having a chamber therein, with a passageway, valve mechanism in said passageway, inlet means for air under pressure to said passageway, outlet means from said chamber, a member in said chamber anchored in said passageway and having an axial bore therethrough and chamber in its upper part, an element moving in said chamber, a plunger rod through said axial bore and connected at its opposite ends with said element and said valve mechanism in said passageway, a spring operating on said valve mechanism in said passageway, a top member clamped on said body, a diaphragm between said body and said top member, a valve element through said diaphragm and seated on said first mentioned element at the upper end of said plunger rod, a spring bearing on said valve element whereby to tension the movement of said diaphragm in one direction, means for regulating the tension of said spring, and means forming outlet to the atmosphere through said top member above said diaphragm, said diaphragm and its valve member being adapted to be moved by excessive pressure on said diaphragm, whereby to move its valve element off of said element on said plunger rod, substantially as and for the purpose indicated.

1,641,629. THERAPEUTIC LAMP. NORRIS E. GOODRICH, Battle Creek, Mich., assignor to Sanitarium and Hospital Equipment Company, Battle Creek, Mich., a Corporation of Michigan. Filed July 29, 1925. Serial No. 46,750. 11 Claims. (Cl. 174-177.)



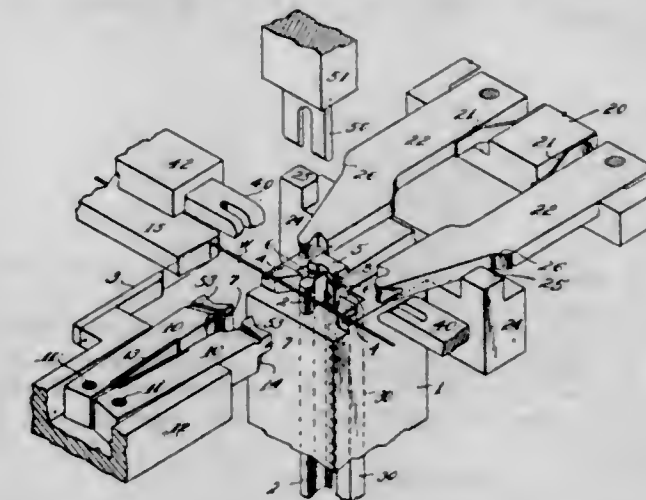
1. In a therapeutic lamp, a parabolic reflector, a ventilating cap having ventilation openings and a lamp socket therein behind the focus of the reflector, a plurality of ventilating openings in the reflector behind the focus thereof, and a plurality of heat and light ray deflectors adapted to deflect a portion of the heat and light rays falling behind the focus of the reflector, through said ventilation openings.

1,641,630. SOUND AMPLIFIER. JESSE B. HAWLEY, Wilmette, Ill. Filed Sept. 26, 1924. Serial No. 740,009. 12 Claims. (Cl. 181-27.)



1. A sound amplifying horn having walls composed of accretions of interlaced fibers, the superficial fibers of the horn walls being compacted and hardened by impregnation with a suitable material.

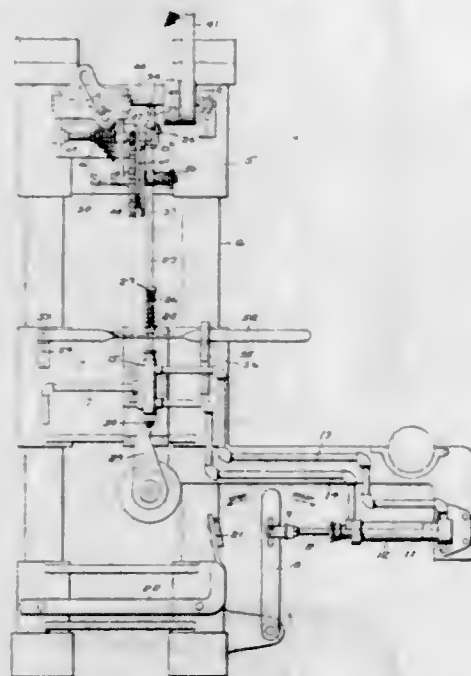
1,641,631. PROCESS OF MAKING SPRING CLIPS. JOHN A. HOFFMAN, Painesville, Ohio, assignor to The Cuyahoga Spring Company. Filed May 4, 1923. Serial No. 630,722. 5 Claims. (Cl. 140-82.)



1. The process of forming a wire clip including the steps of bending the mid portion of a wire by the inward movement of dies into an open loop in a horizontal plane, turning the ends at right angles in the same plane and in the same direction with the loop, bending the portions

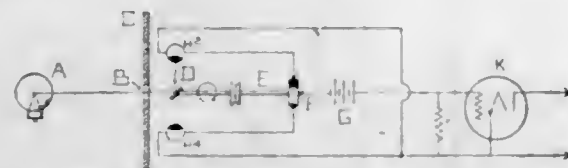
between the loop and the ends into two oppositely facing loops in a vertical plane, bending the ends into two semi-circular bends, each facing the other in a horizontal plane, and lying coincident with the first named loop and spaced above it, crimping the central portions of said last named horizontal bends in a direction toward the first named loop, and releasing the wire so formed by a simultaneous outward movement of the dies then engaging the wire.

1,641,632. AUTOMATIC DWELL-CONTROL DEVICE FOR EMBOSsing PRESSES. DANIEL D. HUYETT, Wilmington, Del., assignor to Atlas Powder Company, Wilmington, Del., a Corporation of Delaware. Filed May 21, 1925. Serial No. 31,985. 23 Claims. (Cl. 101-3.)



1. The combination with the controlling element of a continuously operating embossing press of the character employing heated embossing plates, of a movable timed element setttable to move at varying rates of speed and connections between said timed element and said controlling member through which the press is stopped and started once for each predetermined degree of movement of the timed element whereby the duration of the application of both heat and pressure are variably controlled in accordance with the setting of the timed element.

1,641,633. MULTIPLE LIGHT-CELL TRANSMITTER. CHARLES FRANCIS JENKINS, Washington, D. C. Filed Apr. 1, 1925. Serial No. 19,911. 3 Claims. (Cl. 178-6.)



1. In apparatus of the class described, the combination of a plurality of fixedly-located light-sensitive cells, a light source, an aperture of approximately equal dimensions in right angle directions and located between the light source and the cells, and a continuously rotating mirror for directing said light to each sensitive cell in succession.

1,641,634. WRENCH. WILLIAM H. KEWISH, Painesville, Ohio. Filed May 7, 1924. Serial No. 711,576. 3 Claims. (Cl. 81-102.)

1. A wrench having a shank, a jaw fixed to said shank, a series of rack teeth provided on one side of said shank, a movable jaw engaged for longitudinal movement on said

shank for co-operation with said fixed jaw in engaging an object, a worm having screw-threads interrupted along a longitudinal line affording clearance from said rack teeth, a pin on said movable jaw for rotatably supporting



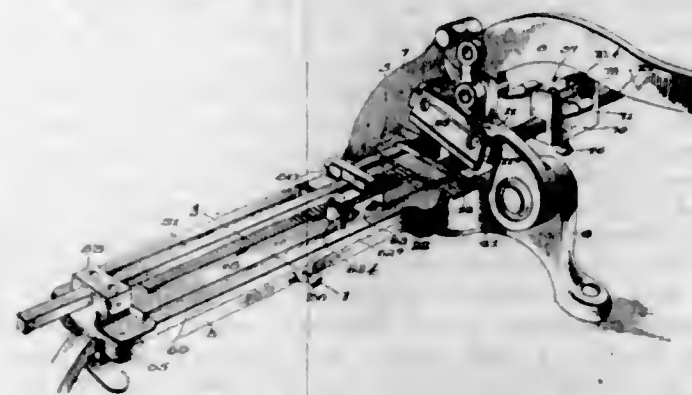
said worm, and cam faces on said movable jaw and worm co-acting to shift said worm longitudinally of said pin when said worm is rotated out of engagement with said rack teeth.

1,641,635. ADJUSTABLE CONDENSER. RICHARD M. KLEIN, New York, N. Y., assignor to F. A. D. Andrea, Inc., New York, N. Y., a Corporation of New York. Filed Nov. 1, 1924. Serial No. 747,204. 1 Claim. (Cl. 175-41.5.)



An electrostatic condenser comprising two rod-like electrodes, one of said electrodes being movable toward and away from the other for varying the capacity of the condenser, said movable electrode being provided with a plurality of spaced stops and means operable to engage said stops individually, said means and said stops being operable conjointly to maintain the setting of the condenser at any one of a plurality of predetermined capacity values.

1,641,636. CUTTER. JESSE D. LASSWELL, Chicago, Ill. Filed Oct. 7, 1926. Serial No. 140,145. 14 Claims. (Cl. 164-105.)

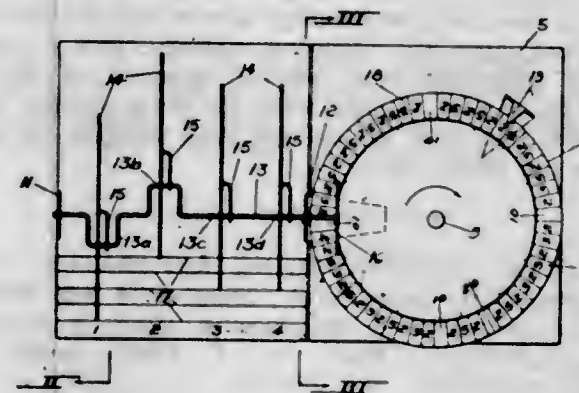


5. A slug cutting machine comprising a bed, a squared rectangular rod adjustably connected thereto, and a gauge head having direct connection with said rod, and an adjustable gauge strip associated with said head.

1,641,637. COMPOSITION APPLICABLE FOR ROOFING, ROAD SURFACING, AND OTHER PURPOSES. LIONEL CHARLES LUTYENS, London, and REGINALD OSWALD CHILD, Harrow, England. Filed Apr. 6, 1925. Serial No. 21,181, and in Great Britain Apr. 11, 1924. 3 Claims. (Cl. 106-31.)

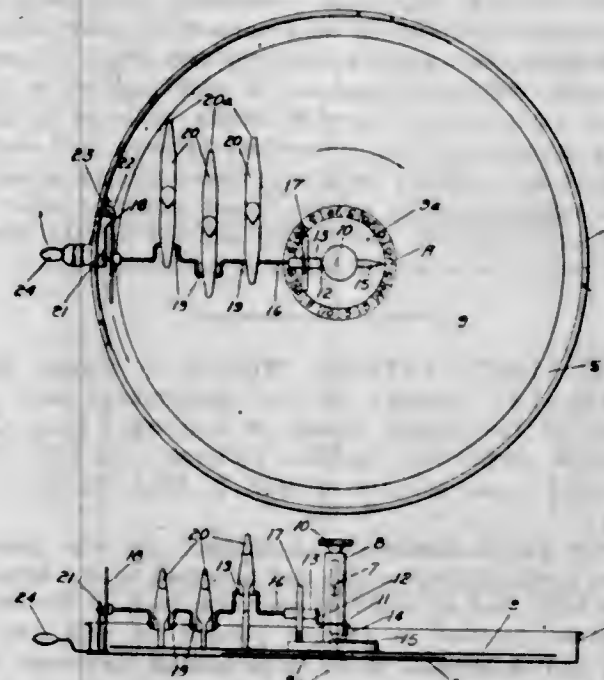
3. The method of making a water-proof bituminous composition for roofing, road surfaces, and other purposes, which consists in heating and kneading a bituminous mixture to render the same homogenous and plastic, treating caseln at a low temperature with a sulphonated oil to partially coagulate the same and render it highly viscous, adding the caseln thus prepared to the prepared bituminous mixture while maintaining the heated and plastic condition thereof, and permitting the combined mixture to expand and rise to assume a tough dough-like consistency.

1,641,638. RACING GAME. HARRY E. MCCOY, Pittsburgh, Pa., assignor, by direct and mesne assignments, to The McDowell Manufacturing Company, Millvale, Pa. Filed Apr. 30, 1924. Serial No. 710,010. 5 Claims. (Cl. 273-86.)



4. A racing game comprising a base, a horizontally disposed spinner wheel on the base having point markings thereon, a pointer on the base with which the markings are adapted to be moved into register, a crank shaft operated by the spinner, and a plurality of racing figures operated by the crank shaft.

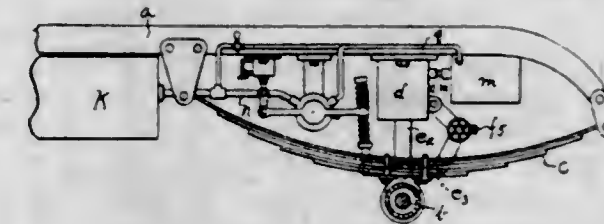
1,641,639. RACING TOY. HARRY E. MCCOY, Pittsburgh, Pa., assignor to The McDowell Manufacturing Company, Millvale, Pa., a Corporation of Pennsylvania. Filed Mar. 14, 1925. Serial No. 15,499. 10 Claims. (Cl. 273-86.)



1. A toy including a base, a horizontal shaft pivotally anchored at one end to the base, a wheel at the outer end of the shaft, in contact with the base an eccentric on

the shaft, a miniature racing object having one end only rotatably engaging the eccentric, whereby one end of such object is supported by the shaft while the other end is free to travel on the surface below the shaft, and means for rotating the shaft.

1,641,640. SUSPENSION FOR VEHICLES. JOSEPH W. MYERS, Jackson, Mich. Filed Aug. 6, 1925. Serial No. 48,443. 4 Claims. (Cl. 267-31.)

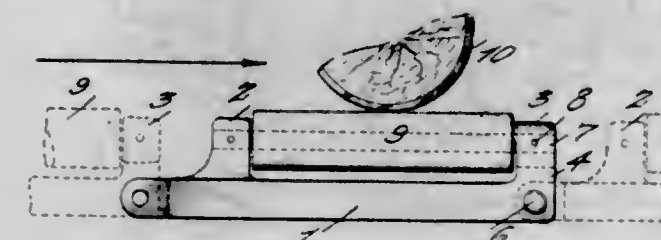


1. In a vehicle, the combination of an axle, a frame adapted to receive different loads, a resilient support between said frame and axle consisting of two components, and means for automatically adjusting the tension of one component of said resilient support so that the initial tension of said support shall be equal to the weight supported thereon when the axle and frame are spaced the normal distance from each other.

1,641,641. COMPOSITION CONSTRUCTION OR HEAT-INSULATING MATERIAL. WILLIAM K. NELSON, Chicago, Ill., assignor to Insulex Corporation, Chicago, Ill., a Corporation of Delaware. Original application filed May 11, 1925. Serial No. 29,564. Divided and this application filed July 27, 1927. Serial No. 208,729. 16 Claims. (Cl. 106-20.)

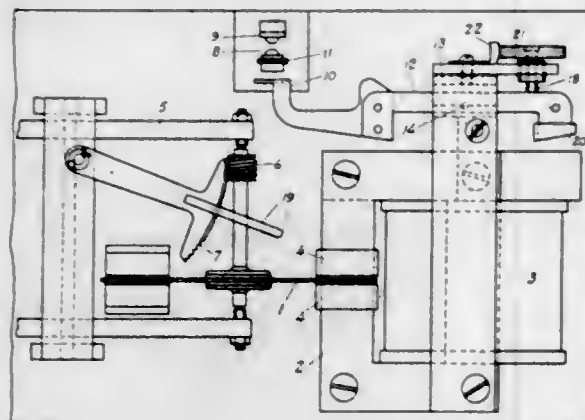
2. A composition construction or heat insulating material of a cellular texture comprising the set product of a mixture comprising water, calcined gypsum as the major ingredient, a chemically reacting gas generating and bubble producing agent, and soap, the soap being used in such a quantity as to have substantially no retarding effect on the hydration and setting of the gypsum.

1,641,642. CONVEYER CHAIN. REDMOND H. PANGBORN, Tacoma, Wash., assignor of one-fourth to A. P. H. Hudson and one-fourth to Robert S. Hudson. Filed Aug. 5, 1926. Serial No. 127,388. 2 Claims. (Cl. 198-183.)



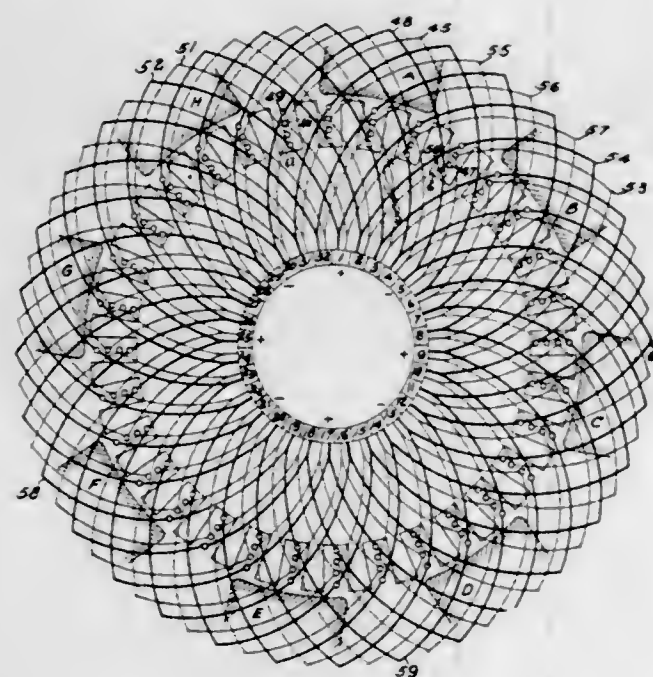
1. A log carrier including a chain made up of a series of movably connected links, each link carrying a roller, the axis of which is arranged longitudinally of the link with the roller constituting substantially the full supporting surface of the link.

1,641,643. QUICK-ACTING MECHANISM FOR TIME RELAYS. WILHELM HENNING PETERSEN, Ludvika, Sweden, assignor to Allmänna Svenska Elektriska Aktiebolaget, Vasteras, Sweden, a Corporation of Sweden. Filed Jan. 11, 1923. Serial No. 611,990. 7 Claims. (Cl. 200-97.)



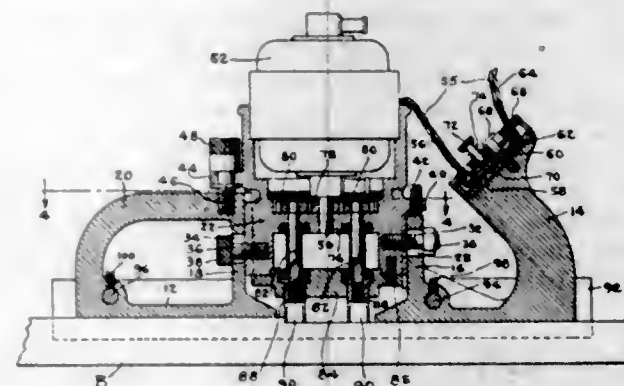
2. In time relays, an electromagnet, an operative member capable of being moved at slow speed under the action of said electromagnet, a movable core portion of the said electromagnet forming two magnetically parallel air gaps, and mechanically associated with said operative member so as to move quickly when actuated thereby.

1,641,644. DYNAMO-ELECTRIC MACHINE AND WINDING THEREFOR. WILLIAM H. POWELL, Wauwatosa, Wis., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis., a Corporation of Wisconsin. Original application filed May 16, 1924, Serial No. 713,723. Divided and this application filed Mar. 15, 1926. Serial No. 94,812. 6 Claims. (Cl. 171-206.)



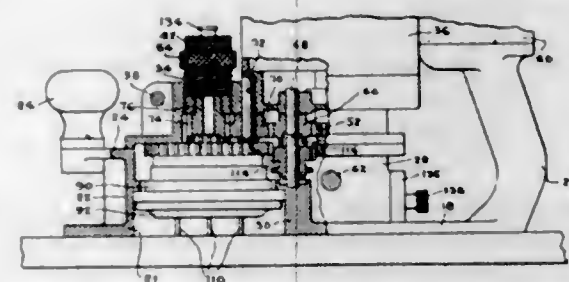
3. A multipolar dynamo-electric machine having an armature, a winding for said armature including a lap winding and a simplex wave winding, said wave winding being multiply reentrant and having an average front and back conductor pitch equal to the difference between the number of conductors in said wave winding and the number of circuits in said lap winding divided by the number of poles, the coils of the lap and wave windings having their back conductor pitches equal.

1,641,645. POWER PLANE. MAX SKOLNIK, Minneapolis, Minn., assignor to The Skolnik Patents, Incorporated, Minneapolis, Minn., a Corporation of Indiana. Filed July 20, 1925. Serial No. 44,721. 2 Claims. (Cl. 145-5.)



1. A power plane comprising a support, an electric motor mounted on said support, a cutting device carried by said support and driven by said motor, a vertically adjustable base member mounted at one side of said support resting upon the unplaned material, and a second vertically adjustable base member mounted at the opposite side of said support with its lower surface at a lower level than that of said first base member for resting upon the planed material.

1,641,646. WOODWORKING APPARATUS. MAX SKOLNIK, Minneapolis, Minn., assignor to The Skolnik Patents, Incorporated, Minneapolis, Minn., a Corporation of Indiana. Filed Apr. 1, 1926. Serial No. 99,045. 4 Claims. (Cl. 144-1.)

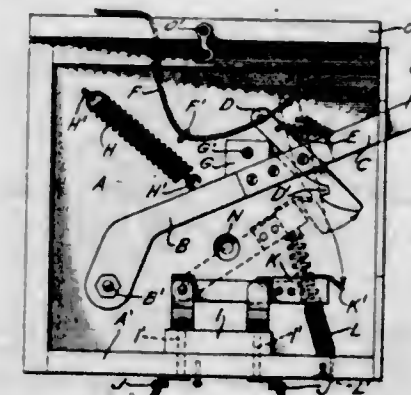


1. Woodworking apparatus comprising a support, an electric motor mounted on said support, a shaft driven by said motor, two gears secured to said shaft, a carrying member removably mounted in said support, a plurality of vertical tool carrying shafts mounted in said carrying member, driving connections between said shafts and one of said gears, a horizontal sleeve rotatably mounted in said support and to which a tool carrying shaft is adapted to be secured, and a gear secured to said sleeve in mesh with the other of said first mentioned gears.

1,641,647. LIMIT SWITCH. WILLIAM D. SMITH, New Orleans, La., assignor to the Government and the People of the United States of America. Filed Oct. 25, 1926. Serial No. 144,136. 1 Claim. (Cl. 200-47.) (Granted under the act of Mar. 3, 1883, 22 Stat. L. 625.)

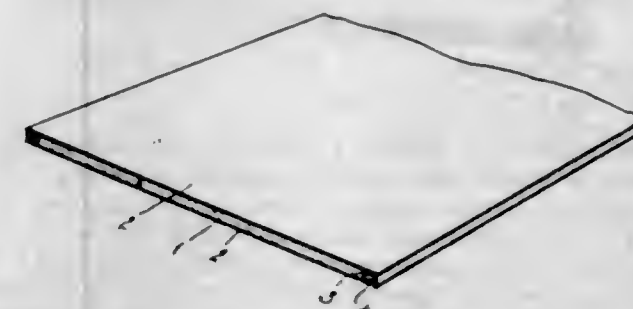
A limit switch comprising a support, an arm pivoted thereon, a spring having one end attached to the support and its other end attached to said arm to hold the latter in a given position, a trigger pivoted on said arm, a pivoted switch element, a plate projecting therefrom and adapted to be engaged by said trigger to normally hold said switch element inactive, means for operating said trigger to release the switch element, a spring attached to the support and said element for moving the latter

to its active position when released, a spring attached to said arm and trigger for holding the latter in a position to reengage said plate when said arm is moved in



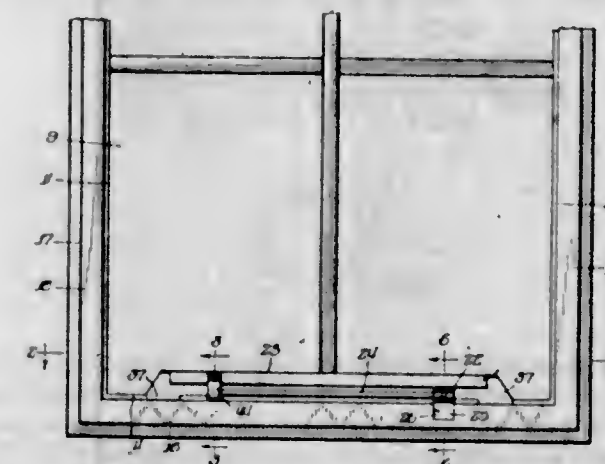
the direction of said switch element, and a bumper mounted on the support for limiting movement of said arm in one direction.

1,641,648. PLASTER BOARD. ALEXANDER S. SPEER, Chicago, Ill., assignor, by mesne assignments, to United States Gypsum Company. Filed Nov. 29, 1920. Serial No. 427,045. 3 Claims. (Cl. 154-45.9.)



2. A fabricated board comprising a body of plaster and facing sheets of fibrous material, and having reinforcing insets between the facing sheets at the side edges of the board, said insets each comprising a tubular structure having a plaster core.

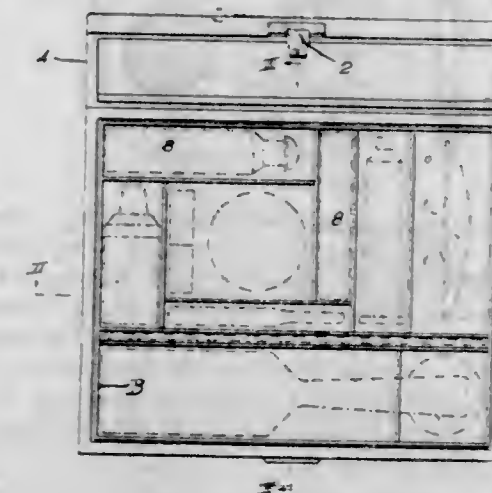
1,641,649. CASEMENT-WINDOW ADJUSTER. CHARLES E. SPENCER, Chicago, and OWEN W. ROBERTS, Oak Park, Ill., assignors, by direct and mesne assignments, to Casement Hardware Co., Chicago, Ill., a Corporation of Illinois. Filed Mar. 13, 1925. Serial No. 15,396. 9 Claims. (Cl. 292-271.)



1. The combination with a window frame and a casement window sash hinged thereto, of an adjuster comprising a pivot bracket having an angle attaching portion, said angle attaching portion being set in a notched-out area of said window frame and secured thereto, a U-

shaped upper end on said pivot bracket, a link pivotally supported between the arms of said U-shaped end, a box-like guide channel secured to said sash, said guide channel comprising a vertically extending flange secured to the inner side of the sash and a horizontal bottom flange, the edge of said horizontal bottom flange being spaced from said vertical flange to define a longitudinal slot therebetween, said bottom flange having a plurality of fastening apertures therein, a slider secured to the end of said link, said slider comprising an upwardly extending portion entering said longitudinal slot and a horizontal flange resting on the bottom flange of said channel, a fastening projection on the horizontal flange of said slider for reception in said apertures, a leaf spring secured to said slider and bearing against the top wall of said guide channel, and a finger pull comprising a part of said slider whereby said slider may be lifted vertically to disengage said fastening projection from said fastening apertures.

1,641,650. TOILET KIT. MILTON H. WALKER, Newark, N. J. Filed Oct. 29, 1925. Serial No. 65,623. 1 Claim. (Cl. 132-79.)



A water-proof traveling kit adapted to be carried in a traveling bag comprising a rigid outer container in the form of a box, having an openable and closable cover and exteriorly capable of ornamentation; a rigid removable tray for said box formed entirely out of water-proof and water-indestructible material and having compartments respectively adapted for the nesting therein of various toilet articles and substantially co-extensive with the space within said box; the outer rim of said tray and the top rims of a number of said compartments terminating substantially flush in the same top plane; and a water-proof water-sealing inner lining for the cover of said box directly contacting with the upper rims of said tray and said compartments, and adapted to cooperate with said tray, to seal the same and said compartments against the escape of water when said box is closed.

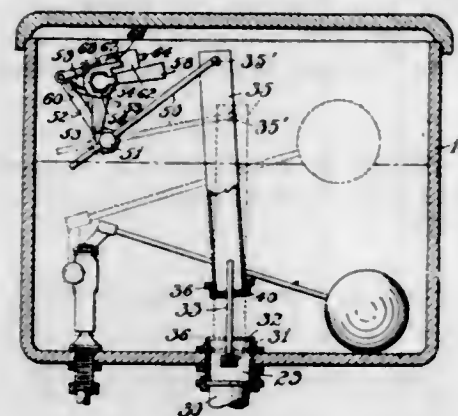
1,641,651. FURNACE-CHARGING APPARATUS. CHARLES A. WULF, Indianapolis, Ind. Filed Nov. 13, 1925. Serial No. 68,826. 13 Claims. (Cl. 214-26.)



1. A furnace charging apparatus comprising a track frame, means for pivotally anchoring said frame adjacent the mouth of a furnace, means for locking said frame in alignment with the furnace, a cross-head mounted on said frame and movable lengthwise thereof, a charging fork pivotally mounted on said cross-head, means by

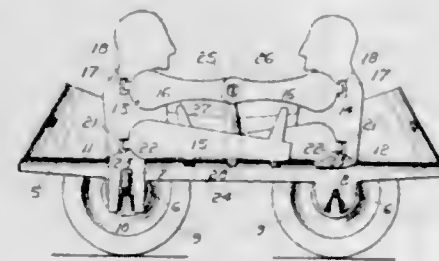
which said fork may be raised and lowered, and means for normally locking the fork against pivotal movement on the cross-head when said fork is in proper alignment with the frame.

1,641,652. TOILET FLUSHING MECHANISM. CHARLES A. WULF, Indianapolis, Ind., assignor to American Valve and Enamelling Corporation, Indianapolis, Ind., a Corporation of Indiana. Original application filed Aug. 20, 1925. Serial No. 51,296. Divided and this application filed Nov. 13, 1925. Serial No. 68,827. 3 Claims. (Cl. 4-67.)



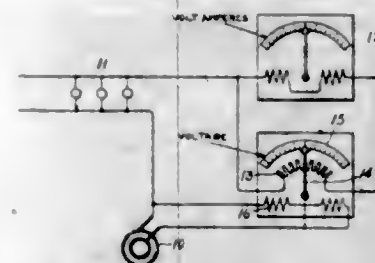
1. The combination, with a tubular flushing valve extending above the normal water level, of a manipulator comprising a bracket, an operating lever pivoted on said bracket, a manipulator shaft journaled in said bracket, a cam carried by said shaft and acting upon the lever to swing said lever in one direction by movement of the shaft in either direction from neutral, a dash pot secured to the bracket, and a piston mounted in said dash pot and connected to said lever.

1,641,653. MECHANICAL TOY AND METHOD OF MAKING SAME. CHARLES ZABEL, Coraopolis, Pa., assignor, by mesne assignments, to McDowell Manufacturing Company, Millvale, Pa., a Corporation of Pennsylvania. Filed Sept. 27, 1923. Serial No. 665,115. 1 Claim. (Cl. 46-45.)



A toy comprising a platform, a pair of figures carried on the platform, said figures each having a body portion and a pair of legs, said legs having an integral cross member connecting their upper ends, said connecting member engaging loosely in an opening in the figure, the legs being secured to the platform, a rocking support being provided for each figure by the legs, a pair of arms on each figure, said arms being integrally formed and connected by a relatively narrow strip, the body of each figure having a slot therein for the reception of the connecting strip of its arms, a pair of axles under the platform with wheels thereon, one of the axles having an eccentric, and a bifurcated extension on one of the figures passing through a slot in the platform and having its bifurcated end astraddle the said eccentric of one of the axles, and means connecting the arms of the two members whereby they may rock in unison.

1,641,654. METHOD AND MEANS FOR MEASURING VOLT AMPERES. JUZI YUYAMA, Omori, Japan, assignor to General Electric Company, a Corporation of New York. Filed Oct. 24, 1925. Serial No. 64,059, and in Japan Apr. 20, 1925. 5 Claims. (Cl. 171-309.)



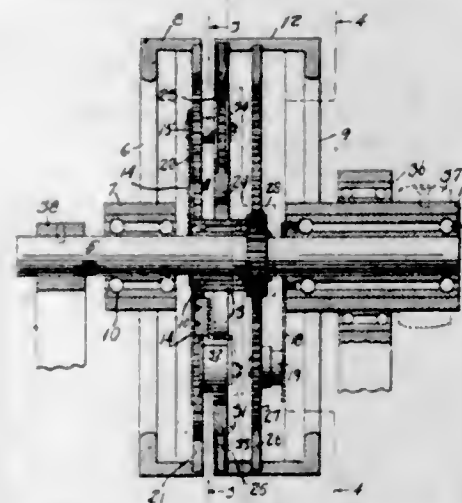
4. Apparatus for obtaining a measurement proportional to the volt amperes of an alternating current circuit comprising a current measuring device calibrated in volt amperes, an impedance connected in shunt to said device, and a volt meter for automatically adjusting said impedance.

1,641,655. CORRUGATED BASE FOR PAVEMENTS. WILLIAM BANNEN, Milwaukee, Wis., assignor of one-half to Fred Hickstein, Milwaukee, Wis. Filed Feb. 23, 1926. Serial No. 90,034. 1 Claim. (Cl. 94-24.)



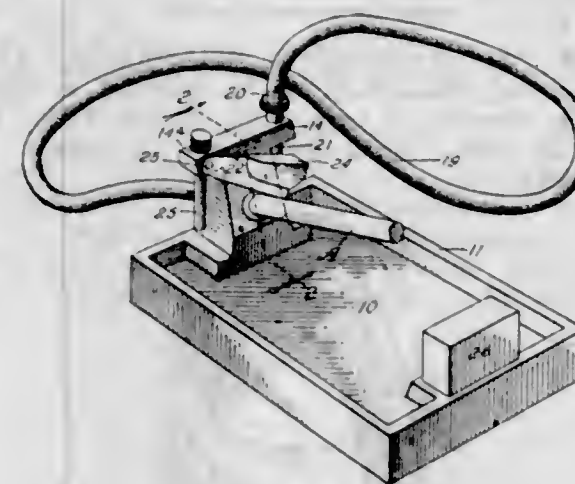
The method of making a concrete base for an interlocking pavement, said method comprising placing a layer of concrete on the roadway, crowning the concrete, placing a center board and marginal boards in the concrete, stretching flexible members between said boards and securing them thereto, forming a platform over said flexible members and passing a roller thereover to apply a gradual pressure to said platform, and subsequently removing said flexible members and platform and boards.

1,641,656. PLANETARY TRANSMISSION GEARING. JOHN S. BARNETT, Oakland, Calif. Filed May 29, 1923. Serial No. 642,174. 11 Claims. (Cl. 74-34.)



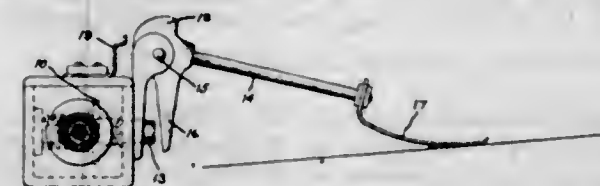
1. A planetary transmission gearing comprising a fixed shaft, an internal gear mounted for rotation about said shaft, a pair of relatively fixed internal gears adjacent said first gear and mounted for rotation about said shaft, a ring gear engaging one of said latter gears, a supporting element rotatably mounted on said shaft, a pair of relatively fixed planetary gears rotatably carried by said supporting element and engaging said first internal gear and said ring gear, and driving connections between the other of said pair of internal gears and said shaft.

1,641,657. SMOKING SET. THEODORE BEAR, Chicago, Ill., assignor to Belle Bear, Chicago, Ill. Filed Mar. 23, 1925. Serial No. 17,670. 2 Claims. (Cl. 131-51.)



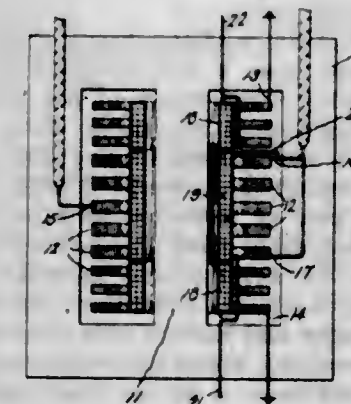
2. A smoking set comprising a dish-like ash receiver adapted to rest upon a flat surface and having a holder adapted to hold a cigarette in an inclined position above said receiver, a flexible tube for applying a draft to a cigarette in said holder, and a lug on the side of said receiver having a hole adapted to receive said stem.

1,641,658. PAPER-BREAK DETECTOR SWITCH. HERMAN BERGLUND, Brooklyn, N. Y., assignor to General Electric Company, a Corporation of New York. Filed May 13, 1922. Serial No. 560,858. 4 Claims. (Cl. 200-52.)



1. A paper break detector switch comprising a movable member adapted to rest on the paper, switch mechanism controlled thereby, and means for holding the said member out of cooperative relation with the said switch mechanism and out of engaging relation with the paper.

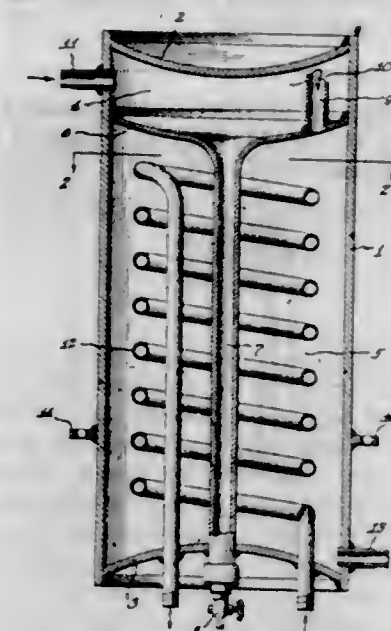
1,641,659. AUTOTRANSFORMER. FREDERICK F. BRAND, Pittsfield, Mass., assignor to General Electric Company, a Corporation of New York. Filed Feb. 19, 1926. Serial No. 89,504. 3 Claims. (Cl. 175-356.)



1. An autotransformer comprising a winding having terminals adapted to connect two circuits of a different potential, said winding comprising a common section and

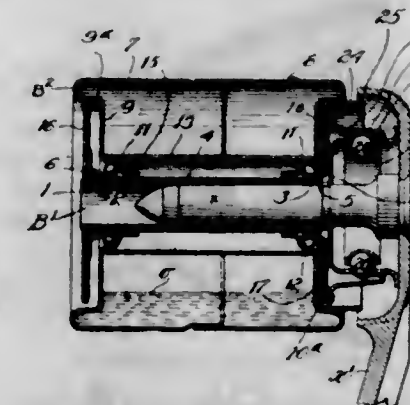
a series section, and an auxiliary winding comprising two sections connected in series and with their voltages opposed, one of said auxiliary winding sections being in good inductive relation with said common winding section and the other of said auxiliary winding sections being in good inductive relation with said series winding section, whereby the reactance between said common and series winding sections is reduced.

1,641,660. CONDENSER. ELLSWORTH S. BRYANT, Detroit, Mich. Filed Oct. 28, 1926. Serial No. 144,697. 3 Claims. (Cl. 257-29.)



1. A device of the class described, comprising a tank, a partition dividing said tank into upper and lower chambers, said tank having an inlet to said upper chamber effecting the cooling of said partition and of refrigerant establishing communication through said partition between said chambers, a cooling coil in said lower chamber effecting the cooling of said partition and of refrigerant entering said lower chamber, whereby heavy impurities in refrigerant entering said upper chamber are condensed on said partition, a drain extending from a depressed part of said partition for the draining of oil therefrom, and a valve closing the lower end of said drain.

1,641,661. YARN-MASS SUPPORT. HOWARD D. COLMAN, Rockford, Ill., assignor to Edgar S. Nethercut, Evanston, Ill. Filed Sept. 14, 1921. Serial No. 500,512. Renewed Dec. 4, 1925. 38 Claims. (Cl. 242-130.)



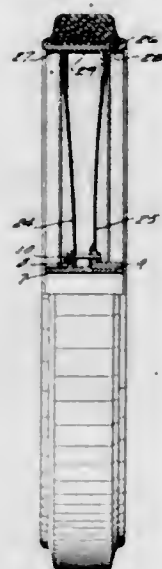
7. The combination of a sleeve, two cones and an intermediate spacer sleeve surrounding the first sleeve, means on one end of the first sleeve to prevent movement of the adjacent cone in one direction, and a nut on the opposite end of the first sleeve to confine said cones and spacer sleeve upon the first sleeve.

1,641,662. LOOSE-LEAF BINDER. BUEL COUCH, Sioux City, Iowa. Filed June 10, 1926. Serial No. 114,948. 4 Claims. (Cl. 129-17.)



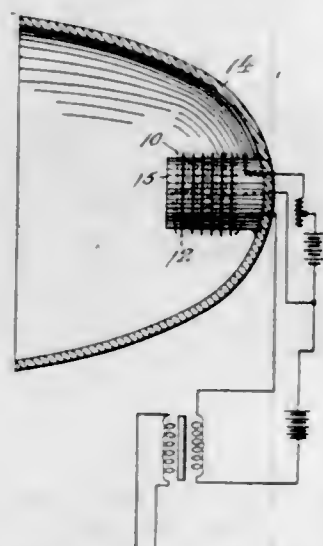
1. In a loose leaf binder, a pair of ribs hinged together, a crank rod journaled over one of the ribs, and having throws, and members secured to the other rib, extending above and below said throws.

1,641,663. VEHICLE WHEEL. CHARLES J. DALTON, New York, N. Y. Filed Dec. 13, 1922. Serial No. 606,572. 7 Claims. (Cl. 301-63.)



7. The combination with a rim, of a rubber tire mounted thereon, a pair of concave disks within said rim, annular spacing means within said disks and annular members forced within said rim outside said disks for securing said disks within said rim, and a hub portion secured to said disks.

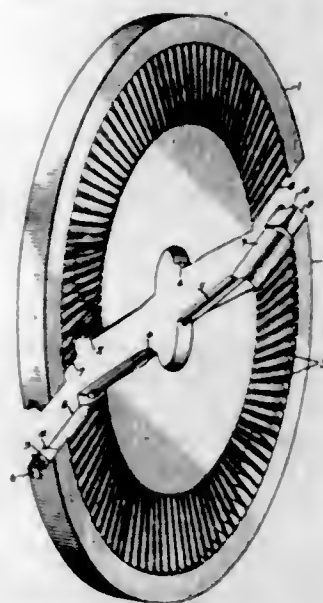
1,641,664. ELECTRICAL SOUND-REPRODUCING APPARATUS. LEE DE FOREST, New York, N. Y., assignor, by mesne assignments, to De Forest Phonofilm Corporation, Jersey City, N. J., a Corporation of Delaware. Filed July 1, 1922. Serial No. 572,174. 24 Claims. (Cl. 179-113.)



1. Means for reproducing sound through the medium of an ionized air gap which comprises a hot cathode and a cold anode separated therefrom and exposed to atmos-

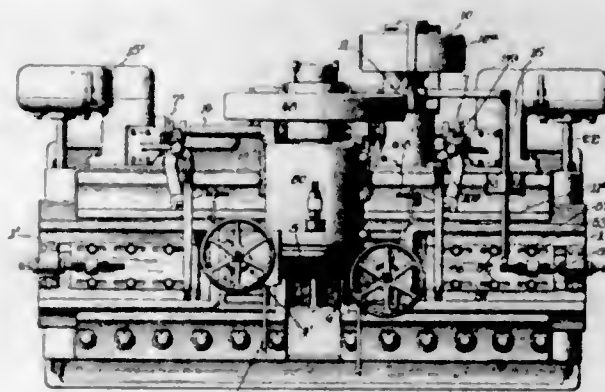
phere, a source of current for said cathode, and means for impressing a current varying in potential in accordance with the sound to be reproduced, upon the space between said cathode and anode.

1,641,665. TURBINE-NOZZLE DIAPHRAGM. ALBERT J. DEVAUD, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Nov. 21, 1925. Serial No. 70,625. 3 Claims. (Cl. 253-78.)



1. A split nozzle diaphragm having a continuous ring of angularly-extending nozzle partitions which overlap one another, characterized by the fact that the split extends along lines between adjacent nozzle partitions whereby the cutting of any nozzle partition is avoided.

1,641,666. GEAR-ROUGHING MACHINE. JOHN EDGAR, Rockford, Ill., assignor to Barber-Colman Company, Rockford, Ill., a Corporation of Illinois. Filed Feb. 25, 1924. Serial No. 694,916. 22 Claims. (Cl. 90-4.)

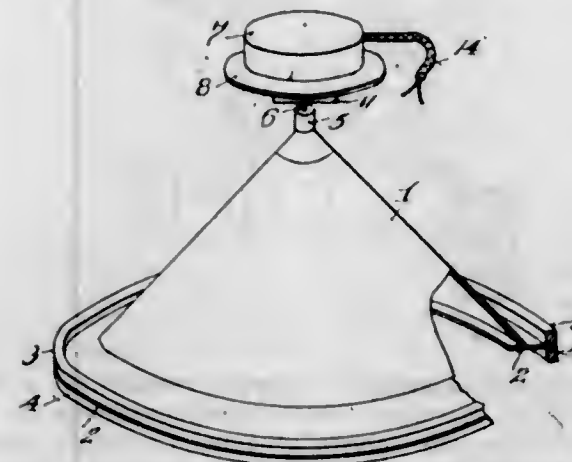


1. A gear roughing machine comprising, in combination, an elongated base, a hob mounted to rotate on a fixed axis extending transversely of the base, a carriage mounted for longitudinal movement upon the base at each side of said hob, a work-holding fixture on each of said carriages including a work spindle, a constantly driven shaft, a pair of cams for reciprocating said carriages toward and away from the hob, means associated with said cams to revolve said spindles, and control means including a clutch interposed between said constantly driven shaft and each of said cam driving means.

15. A gear roughing machine comprising, in combination, an elongated base, a driven shaft extending longitudinally of the base, a pair of cams mounted in the base at opposite ends thereof and having their axes parallel with said shaft, a hob spindle mounted transversely of the base substantially midway between its ends and operatively connected with said shaft, a pair of carriages

mounted on the base at opposite ends thereof for movement in a direction perpendicular to the axis of the hob, means operatively connecting said cams with said carriages, work-holding fixtures mounted on the carriages for movement therewith and including work spindles, means connecting said spindles with said shaft adapted to permit of the movement of the spindles with the carriages, and means connecting said cams with said spindle driving means.

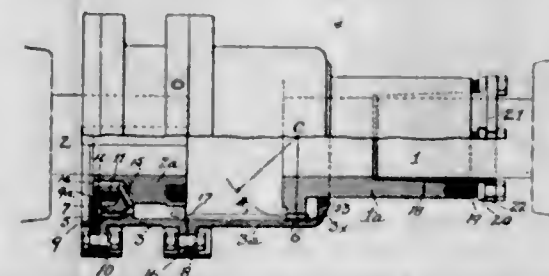
1,641,667. SOUND-REPRODUCING-DEVICE CONSTRUCTION. JOHN B. ELENESCHNEIDER, Brooklyn, N. Y., assignor to De Forest Radio Company, Jersey City, N. J., a Corporation of Delaware. Filed Jan. 2, 1926. Serial No. 78,727. 5 Claims. (Cl. 179-115.)



1. An electro-magnetic motor comprising a casing, electro-magnets in said casing, a reed mounted on said casing, an angle bar attached to said reed at two relatively distant points, and a rod secured to said bar between the points of attachment.

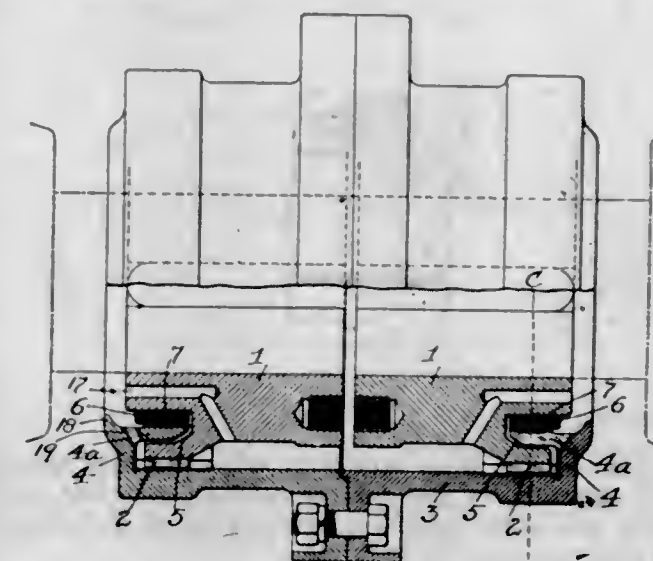
2. In a sound reproducing device, the combination of vibrating means, a conical membrane secured at its edge to a ring of flexible material and intermediate to its edges, a heavy support for said ring, and means attached at one point to said membrane and at a plurality of points to said vibrating means.

1,641,668. FLEXIBLE SHAFT COUPLING FOR RELATIVELY-ADJUSTABLE SHAFTS. GUSTAVE FAST, Annapolis, Md., assignor to The Bartlett Hayward Company, Baltimore, Md., a Corporation of Maryland. Filed Mar. 17, 1925. Serial No. 16,188. Renewed Apr. 16, 1927. 9 Claims. (Cl. 64-91.)



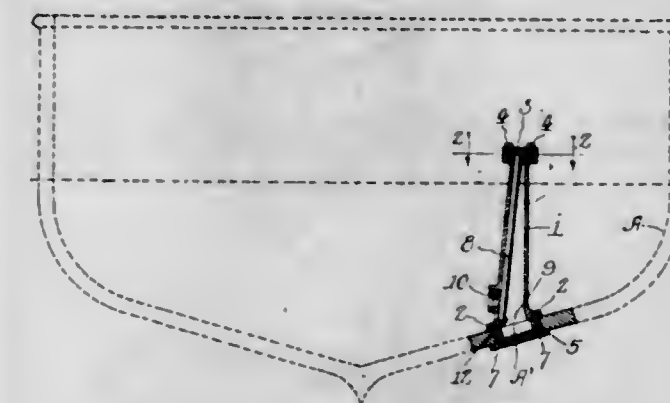
1. A flexible coupling for shafts, one of which is to be adjusted axially relative to the other, comprising a sleeve having a row of internal teeth at each end, a row of teeth connected with each shaft end, that row belonging to the shaft end which is to be adjusted, being at the inner extremity of said shaft, and the teeth of the sleeve with which said last mentioned teeth engage being longer than the teeth at the other end of the coupling to permit said axial adjustment of the said shaft while the engagement of the teeth is maintained, said sleeve having rocking movement, under misalignment of the shafts, and in all positions of adjustment, about points in planes transverse to and substantially midway of the intermeshing portions of the teeth, substantially as described.

1,641,669. FLEXIBLE SHAFT COUPLING. GUSTAVE FAST, Annapolis, Md., assignor to The Bartlett Hayward Company, Baltimore, Md., a Corporation of Maryland. Filed Mar. 17, 1925. Serial No. 16,190. 6 Claims. (Cl. 64-91.)



1. A flexible shaft coupling comprising a sleeve having at its end a row of teeth, a shaft hub having a row of teeth meshing with the teeth on the sleeve and an annular bearing between the sleeve and shaft hub comprising an annular flange on one part, the bearing surface of which conforms to the section of a sphere whose center is at the axis of the coupling in a plane transverse to and intermediate the length of the inter-meshing teeth, and a surface on the other part of like spherical formation with which the spherical surface of the flange contacts, said flange being split transversely, substantially as described.

1,641,670. INTAKE. GEORGE MARSHALL FRENCH, St. Joseph, Mich. Filed Aug. 14, 1926. Serial No. 129,151. 8 Claims. (Cl. 114-198.)

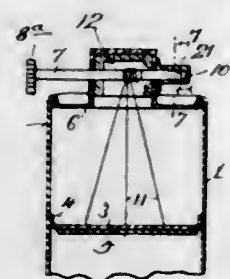


1. The combination of a hull having an opening below the water line, a vertically elongated casing within the hull, the lower end of said casing communicating with said opening and the upper end of the casing extending above the water line, and an elongated strainer extending from a point adjacent to said opening to a point above the water line, said casing having a suction opening in its lower portion at the side of the screen opposite to the first mentioned opening.

1,641,671. SEMIFLUID-DISPENSING DEVICE. WILLIAM HENRY GREGORY GEAKE, Killara, Sydney, Australia, assignor of one-half to Walter Rutherford, London, England, and John Bain, Ottawa, Canada. Filed Nov. 14, 1925. Serial No. 69,117. 4 Claims. (Cl. 221-78.)

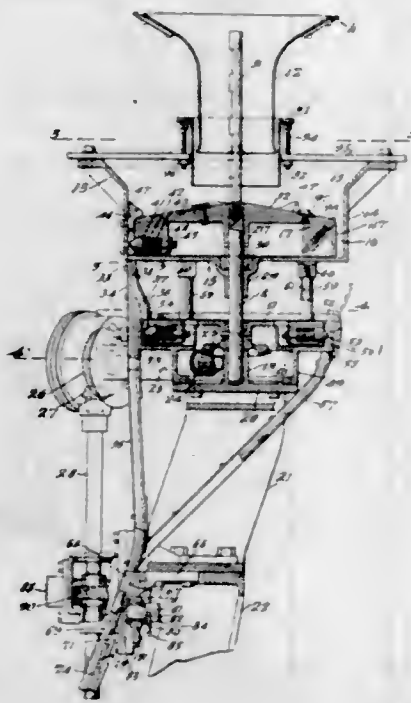
2. In a dispensing device for semi-fluid material the combination with a container for containing the semi-fluid material having a nozzle, a liftable disk located in said

container under the material contained therein, a rotatable shaft extending across a portion at least of said container, and operable from the outside thereof, and a plurality of flexible connections between said shaft and



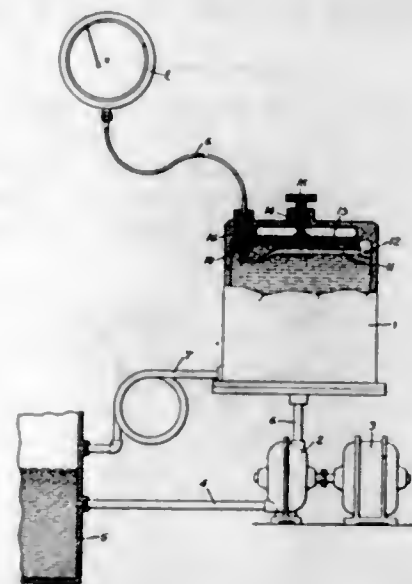
said disk whereby when said shaft is rotated said disk is drawn upwardly as and for the purpose described, and whereby said shaft may be moved to shut off said nozzle when said container is not in use.

1,641,672. APPARATUS FOR ARRANGING AND FEEDING ARTICLES. GEORGE GORREL and WILLIAM V. DERBY, Baltimore, Md., assignors to The Crown Cork and Seal Company of Baltimore City, Baltimore, Md., a Corporation of Maryland. Filed Nov. 27, 1923. Serial No. 677,235. 17 Claims. (Cl. 113—114.)



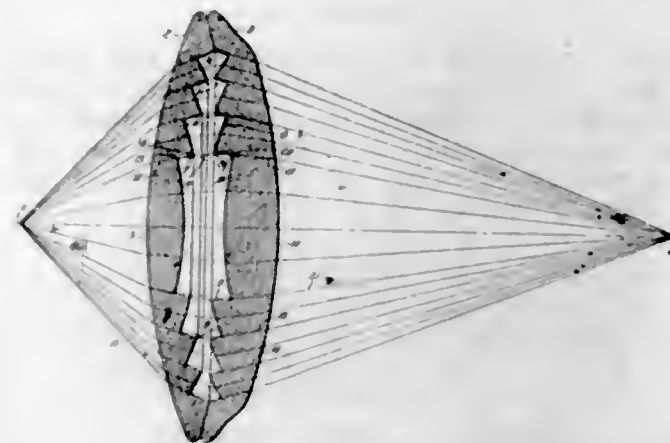
1. In an apparatus for arranging and feeding articles such, for example, as crowns, and in combination, a receptacle for receiving a disarranged mass of the articles, selecting means associated with the receptacle for dividing the articles into two sets according to the way they are faced, means for causing the articles in the mass to be presented individually to said selecting means, a magazine for receiving a horizontal row of articles in upright edge-to-edge relation, a chute leading away from said magazine, means for conducting one set of articles from the selecting means to the magazine, means for reversing the direction of facing of the other set and conducting the same to the magazine, and means for pushing the articles in the magazine into said chute.

1,641,673. MEANS FOR MEASURING THE VISCOSITY OF FLUIDS. CHESTER I. HALL, Fort Wayne, Ind., assignor to General Electric Company, a Corporation of New York. Filed Dec. 9, 1925. Serial No. 74,400. 1 Claim. (Cl. 265—11.)



A viscosity-measuring instrument comprising a pressure chamber, means for continuously supplying to said chamber a constant volume of fluid, a conduit through which the fluid may escape from the chamber, a pressure gauge connected to said chamber, and means for disconnecting it from the chamber when the pressure therein exceeds a predetermined high value.

1,641,674. LENS. CROMWELL A. B. HALVORSON, Jr., Lynn, Mass., assignor to General Electric Company, a Corporation of New York. Filed May 10, 1923. Serial No. 638,114. 2 Claims. (Cl. 240—106.)

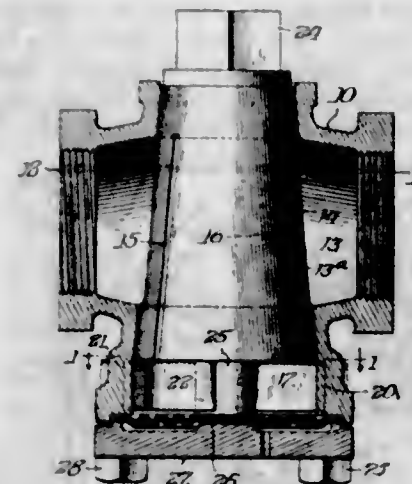


2. A condensing lens having a double set of annular refracting surfaces each crest and trough of each refracting surface on each side being in optical juxtaposition to the corresponding crest and trough of a refracting surface on the other side whereby the dark rings produced by one set are eliminated by the second.

1,641,675. VALVE. PHILIP S. HARPER, Chicago, Ill. Filed Oct. 8, 1921. Serial No. 506,506. 2 Claims. (Cl. 251—93.)

1. A valve comprising in combination, a body member having a horizontal fluid passage and a tapered vertical passage therein, the lower portion of said vertical passage forming a lubricant chamber adapted to contain a

plastic lubricant, a plug member seated in said vertical passage and having a part thereof extending into said lubricant chamber, means in said chamber adapted to interfere with the displacement of the lubricant, said part in said chamber leaving a channel therearound through which the lubricant passes when displaced by the turning



of the plug, said plug and said body member having passages extending from the upper bearing surface therebetween into the lubricant chamber at the lower end of said plug, the said channel allowing displacement of the lubricant having over five times the area taken perpendicular to the line of lubricant flow of passages extending into the bearing surface of said plug.

1,641,676. DRY YEAST AND METHOD FOR PRODUCING THE SAME. CHARLES B. HILL, Glencoe, and MAURICE H. GIVENS, Evanston, Ill., assignors to Northwestern Yeast Company, Chicago, Ill., a Corporation of Illinois. Filed Mar. 4, 1926. Serial No. 92,331. 12 Claims. (Cl. 99—10.)

1. The process which comprises growing yeast in the presence of malt on predetermined quantities of ground cereals and a yeast nourishing, inorganic salt, and stopping the action of the yeast on the inorganic salt prior to its complete consumption by the yeast, whereby the yeast thenceforth carries associated with it said unconsumed, inorganic salt and derivatives thereof, ready for feeding the yeast when the yeast is used in leavening operations.

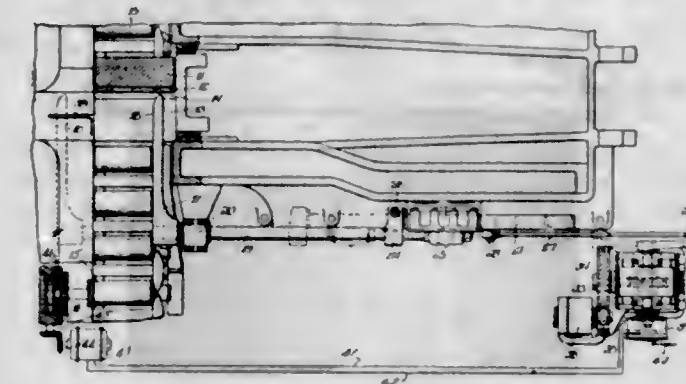
12. A dried yeast product consisting essentially of live yeast cells, ground cereals, and ammonium sulphate, calcium sulphate, calcium phosphate ($\text{Ca}_3(\text{PO}_4)_2$) and radicals split off from these salts with a moisture content of less than 14 per cent.

1,641,677. DRY YEAST AND METHOD FOR PRODUCING THE SAME. CHARLES B. HILL, Glencoe, and MAURICE H. GIVENS, Evanston, Ill., assignors to Northwestern Yeast Company, Chicago, Ill., a Corporation of Illinois. Filed May 25, 1926. Serial No. 111,634. 12 Claims. (Cl. 99—10.)

1. The process which comprises growing yeast on a mixture of predetermined quantities of ground cereals, a yeast nourishing inorganic salt and malt, said malt being in a quantity substantially in excess of that required to mash the cereals, and stopping the action of the yeast on the inorganic salt and malt prior to their complete consumption by the yeast, whereby the yeast thenceforth carries associated with it the cereals, said unconsumed inorganic salt and derivatives thereof as well as said excess of malt, all of these last named substances being now ready for feeding the yeast when the yeast is used in leavening operations.

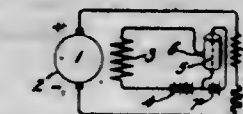
12. A dried yeast product consisting essentially of live yeast cells, ground cereals, ammonium sulphate, calcium sulphate, calcium phosphate ($\text{Ca}_3(\text{PO}_4)_2$) and radicals split off from these salts and unconsumed malt with a moisture content of less than 14 per cent.

1,641,678. KICK-OFF FOR SHEARS. THOMAS D. HODGE, Duluth, Minn. Filed Aug. 6, 1925. Serial No. 48,568. 5 Claims. (Cl. 164—48.)



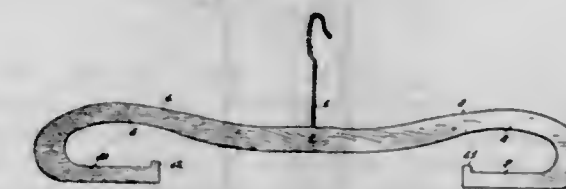
1. In combination with a shear, means for feeding material to the shear, a conveyor for carrying material from the shear and a kicker operating transversely of the conveyor to discharge material therefrom, the kicker moving with the movable blade of the shear.

1,641,679. REGULATING APPARATUS. ALBERT W. HULL, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Nov. 18, 1925. Serial No. 69,852. 5 Claims. (Cl. 171—312.)



1. The combination of a circuit, control means operable to change an electrical condition of said circuit, and an electrical valve provided with a cathode and anode connected to said circuit in series with said control means and with a winding connected to said circuit for producing a magnetic field between said cathode and anode which varies in accordance with said condition.

1,641,680. GARMENT HANGER. MARTIN KAUFMAN, Trenton, N. J. Filed Apr. 16, 1924. Serial No. 706,941. 1 Claim. (Cl. 223—64.)

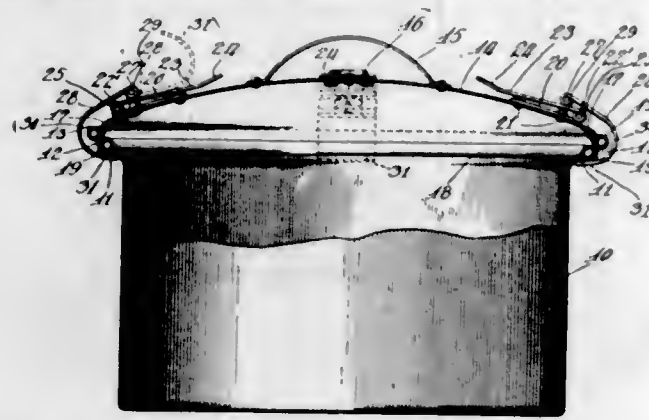


A garment hanger, comprising a body having end portions arranged in a plane above its center, said end portions projecting downwardly and inwardly toward the center of the hanger, said inwardly projecting portions each having an upwardly extending lug.

1,641,681. DETACHABLE COVER FOR COOKING VESSELS. RALPH N. KIRCHER, West Bend, Wis., assignor to West Bend Aluminum Company, a Corporation of Wisconsin. Filed Nov. 5, 1925. Serial No. 66,905. 11 Claims. (Cl. 53—1.)

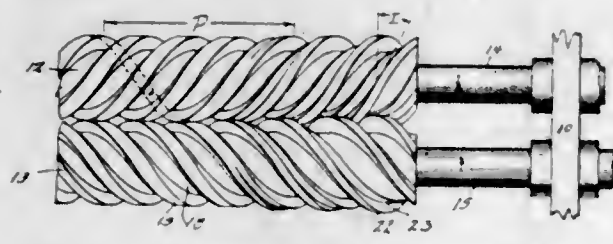
1. In combination with a metal pressure cooking vessel having a bottom and side walls and a recess formed in the top of said vessel by bending the metal of the walls outwardly to form a seat, thence upwardly to form an upstanding vertical wall terminating in an outwardly projecting annular bead to reinforce the wall, of a de-

tachable cover mounted in the seat in said vessel, the edge of the cover closely engaging the upstanding vertical wall, a clamping member pivotally mounted on



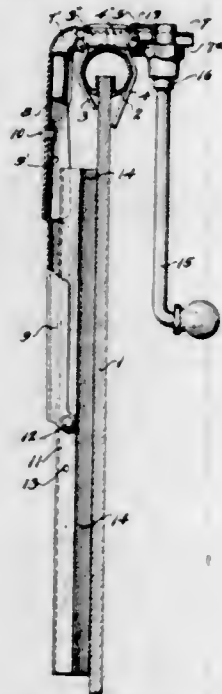
said cover, and having a hook adapted to engage the underside of the seat of said vessel for detachably clamping said cover to said vessel.

1,641,682. CORN HARVESTER. CARL F. KRUSE, Kingsley, Iowa. Filed Oct. 25, 1926. Serial No. 143,922. 6 Claims. (Cl. 130-5.)



1. In a corn harvester, a frame, and a pair of rolls positioned in the frame with a normal rearward and upward inclination of between thirty and forty-five degrees, the rolls being provided with at least three registering helical grooves, pitched at angles of between forty-five and sixty degrees to the axes of the rolls.

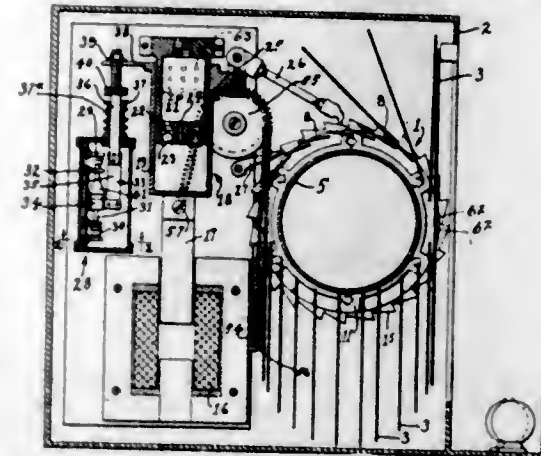
1,641,683. WINDSHIELD CLEANER. BESHARA I. MALOUF, Salt Lake City, Utah, assignor, by mesne assignments, to Trico Products Corporation, Buffalo, N. Y., a Corporation of New York. Filed Nov. 20, 1922. Serial No. 602,174. 4 Claims. (Cl. 15-255.)



1. A windshield cleaner comprising a shaft with a depending channeled part having spaced side walls, a wiper member, and a wiper supporting member connected at its lower end to the wiper member and having a spring extension from its upper end disposed substantially

wholly within the channeled part and between the side walls thereof, so as to be laterally reinforced and guided thereby, said spring extension being normally curved toward the open side of the channeled part and secured at its free end to said channeled part.

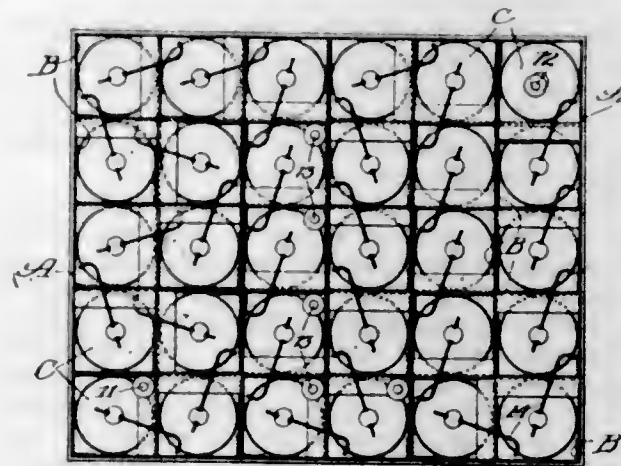
1,641,684. ADVERTISING DEVICE. WILLIAM H. McDONALD, Overton, Nev., and FRANK E. BESSEE, Los Angeles, Calif., assignors to McDonald Securities Co., Ltd., a Corporation of Nevada. Filed July 12, 1926. Serial No. 121,800. 12 Claims. (Cl. 40-55.)



1. In an advertising device, a rotatable drum having a plurality of wires, means for maintaining the wires taut, advertising cards hung on the said wires, and means for rotating the drum with a step by step movement to exhibit the cards.

5. In an advertising device, the combination of a movable exhibitor for carrying advertising cards, a solenoid, means actuated by the solenoid for actuating the exhibitor, a switch having a contact at each end for closing a circuit through the solenoid, and including a plunger lying between the contacts with means for guiding the same to slide longitudinally, and engage the contacts alternately with its ends, an actuator for controlling the plunger comprising two shoes having resilient means for pressing them against the side of the plunger, said plunger having a conical collar cooperating with the shoes to effect a shifting movement of the plunger when the shoes are moved longitudinally along the same, and means connecting the actuator with the solenoid for reciprocating the same.

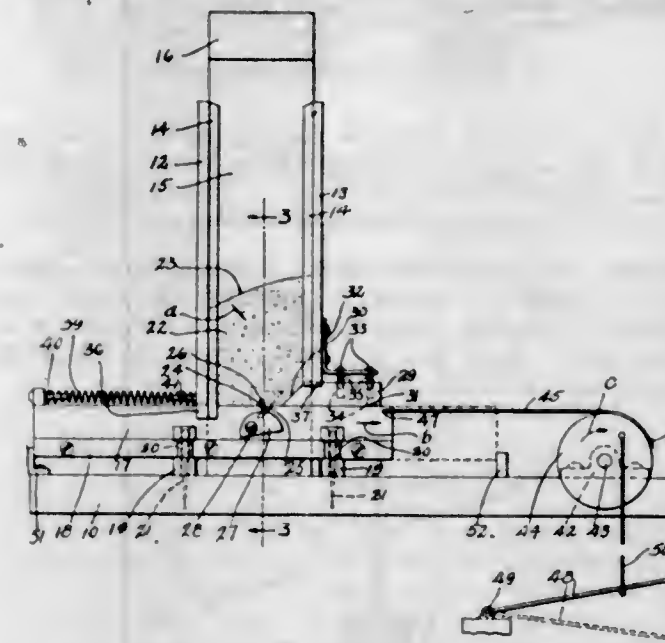
1,641,685. DRY-BATTERY CONSTRUCTION. EDWIN E. MEISEKOTHE, Madison, Wis., assignor to French Battery Company, Madison, Wis., a Corporation of Wisconsin. Filed Aug. 28, 1925. Serial No. 53,069. 4 Claims. (Cl. 136-108.)



1. A battery comprising: an outer box having an open top; a shallow inner box confined in the lower portion of said outer box; individual cell-cartons of rectangular form having their lower portions nested in said shallow box; an inverted open sided upper box telescopically received within the upper portion of said outer box and

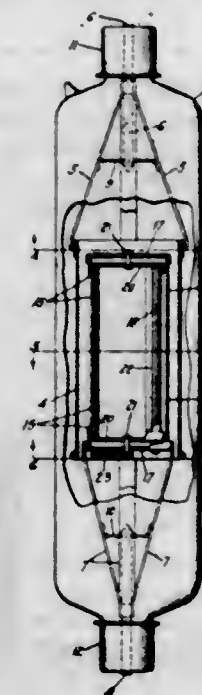
having its depending flanges embracing the upper portions of said cell-cartons; electrically connected cells within said cell-cartons, some of said cells being equipped with terminals extending through perforations with which the top wall of said upper box is provided; and nuts on said terminals.

1,641,686. KNOT-PICKING MACHINE. FREEMAN NILSON, Troy, N. Y., assignor to The Monarch Brush Co., Troy, N. Y., a Corporation of New York. Filed Mar. 10, 1926. Serial No. 93,552. 2 Claims. (Cl. 300-7.)



1. In a knot picking machine, a slidable transfer member movable transversely of the bristles and adjacent to the same and having a slot at an edge thereof to receive a knot of bristles when so moved, and a semi-circular cam pivoted eccentrically upon and borne by said transfer member at a side thereof adjacent to the slot and rotatable with respect thereto transversely whereby the effective area of the slot for receiving said bristles can be adjusted and the size of the knot received therein regulated.

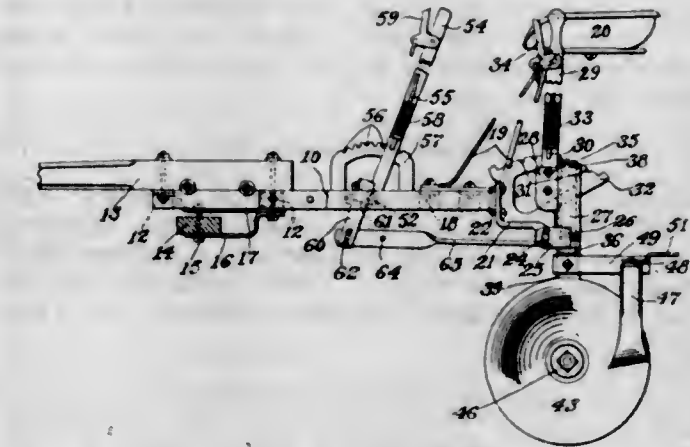
1,641,687. VACUUM CONDENSER. HENRY J. NOLTE, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Oct. 8, 1925. Serial No. 61,366. 5 Claims. (Cl. 175-41.5.)



1. In a condenser, in combination, a vacuum container, a pair of electrodes within the container, a lead piercing the wall of the container at one point only and supported

by the container at said point only, one of said electrodes being entirely supported within the container by said lead. 2. In combination, in a condenser, a vacuum container, a pair of electrodes within the container, one of said electrodes comprising two sections, one of said sections being adjustable with respect to the other for varying the capacitance of the condenser.

1,641,688. MOUNTING FOR DISKS. WILLIAM L. PAUL, Berkeley, Calif., assignor to Deere & Company, Moline, Ill., a Corporation of Illinois. Filed Sept. 2, 1921. Serial No. 497,859. 9 Claims. (Cl. 55-81.)



1. A machine of the class described comprising a frame, a gang of earth working disks laterally spaced apart, means pivotally connecting said gang with the frame to turn about an upwardly extending axis and to swing fore and aft, and means operable to effect said turning and swinging movements coincidently to vary simultaneously the angular position of the disks with respect to the line of draft, and their relative vertical position.

1,641,689. REPAIRING OVERSHOE HEEL. CHRISTIAN PETERSEN, Sioux City, Iowa. Filed Feb. 7, 1927. Serial No. 166,499. 3 Claims. (Cl. 36-35.)

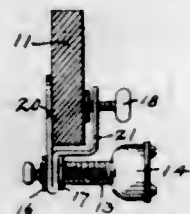


1. The art of repairing an overshoe having a comparatively deep heel including forward and rear walls inclined downwardly and toward each other and a heel proper including rolled side edges extending above the inner surface of the heel proper comprising the following steps: serving the forward wall of the heel at the division line between the heel proper and said forward wall, thence cutting upwardly and rearwardly above the rolled edges and thence applying a repair heel including inclined forward and rear walls joined by side walls shaped to fit the exterior surface of the original heel and securing said repair heel in place with the lower extremity of the forward wall of the original heel engaging substantially the base of the repair heel.

1,641,690. SWITCH-CLAMP BRACKET. ROBERT C. PISCATOR, Indianapolis, Ind., assignor to Quality Plating and Manufacturing Company, a Corporation of Indiana. Filed Apr. 21, 1926. Serial No. 103,491. 1 Claim. (Cl. 248-20.)

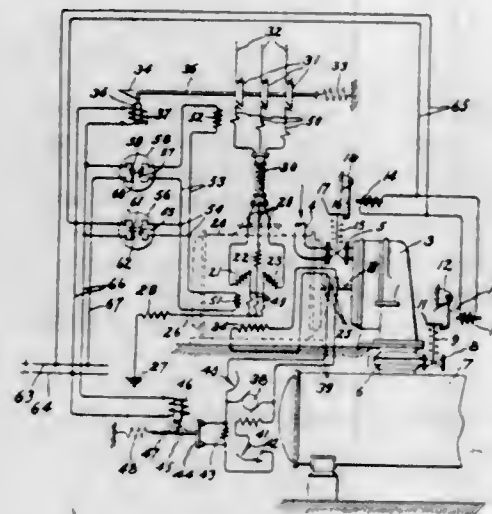
In combination with a supporting member and an object having a stem, a plate in front of the said supporting member; a plate in rear of said supporting member;

a section of each of said plates depending from the said member, said sections having their lower ends formed to approach each other and having a passage there-



through to receive said stem; and locknuts on the stem to be drawn up against said sections, and screw means carried by the rear plates to grip the supporting member against the front plate.

1,641,691. PROTECTIVE SYSTEM FOR POWER-PLANT INSTALLATIONS. ROBERT POHL, Berlin, Germany, assignor to General Electric Company, a Corporation of New York. Filed Sept. 22, 1924. Serial No. 739,004, and in Germany Nov. 27, 1923. 6 Claims. (Cl. 175-294.)

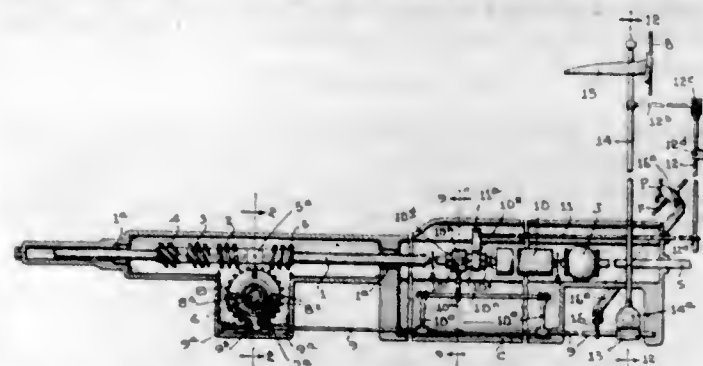


1. The combination with a prime mover and an electrical generator connected therewith, of an external electrical circuit connected with the generator, means for disconnecting the generator from said circuit, means responsive to external electrical disturbances for operating said disconnecting means, and means responsive to internal electrical disturbances for operating said disconnecting means and stopping the prime mover, said second and third named means including in common a current transformer connected with the generator, and a current transformer connected between the generator and the external circuit, said transformers having secondaries connected to form a series circuit, said second-named means including a current-responsive device in said series circuit, and said third-named means including a current-responsive device connected across normally neutral points of said series circuit.

1,641,692. VARIABLE-SPEED TRANSMISSION. ROSS H. PRATT, Washington, D. C. Filed Oct. 2, 1926. Serial No. 139,170. 11 Claims. (Cl. 74-36.)

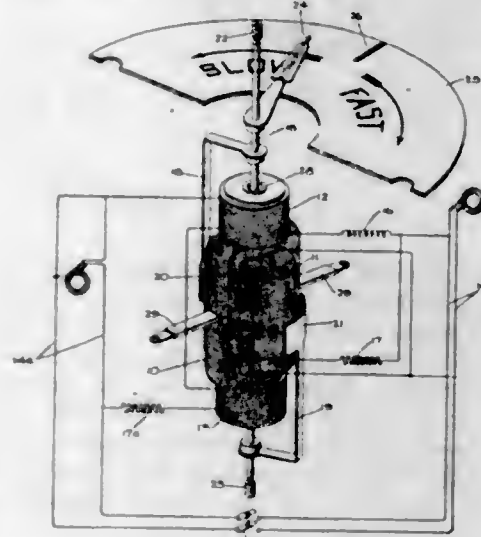
1. In a variable speed transmission including driving mechanism comprising a power shaft and a drive shaft carrying a plurality of differently pitched worms mounted thereon, a driven member comprising a pair of axles provided at their adjacent extremities with a differential and a differential gear case, an integral sleeve extension on one side of the said differential gear case, a driving gear slidably mounted on said sleeve extension, a friction clutch connection therebetween, means for bodily

shifting the drive shaft longitudinally to selectively engage the worms thereon with the driving gear the said means being first operable to release the friction clutch



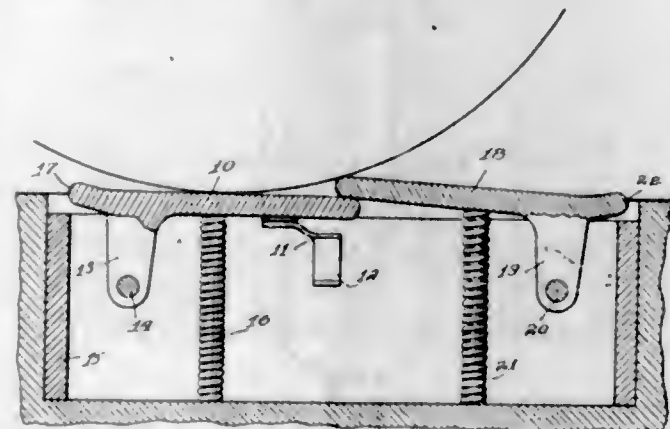
and then to slidably withdraw the driving gear from the path of the worms on the drive shaft during the shifting operation.

1,641,693. SYNCHRONOSCOPE. DAVID R. PRICE, Lynn, and FRANCIS H. BOWMAN, Swampscott, Mass., assignors to General Electric Company, a Corporation of New York. Filed Oct. 25, 1926. Serial No. 143,953. 5 Claims. (Cl. 172-245.)



1. A synchroscope provided with stationary energizing windings adapted to be connected to two alternating current circuits whose condition of synchronism is to be determined, and rotary magnetic means influenced by the fluxes of said windings when so connected for indicating the condition of synchronism between said circuits.

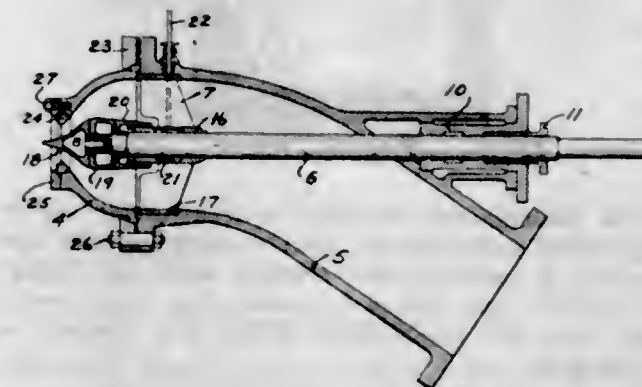
1,641,694. TRAFFIC-SIGNALING SYSTEM. JOHN J. RIDDICK, West Newton, Mass., assignor to General Street Signal Corporation, Rochester, N. Y., a Corporation of New York. Filed July 9, 1921. Serial No. 483,403. 2 Claims. (Cl. 200-86.)



1. A vehicle operable switch comprising two pivotally mounted depressible members arranged in proximity to each other, the proximate edges of said members being

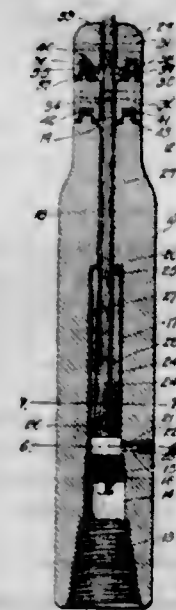
movable in intersecting arcs so that the depression of either one causes it to be thrown at its free edge in the path of the other to prevent the complete depression of the other, and a switch controlled by one of said members.

1,641,695. HYDRAULIC NOZZLE. FRANZ SCHMIDT, Wauwatosa, Wis., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis., a Corporation of Delaware. Filed July 12, 1926. Serial No. 122,025. 9 Claims. (Cl. 253-136.)



1. In combination, means forming a fluid conducting conduit having a discharge orifice communicating therewith, a hub secured within said conduit closely adjacent to said orifice, a stem adjustable along said hub, said stem extending away from said orifice and penetrating said conduit forming means, and a needle associated with said stem and cooperable with said orifice to control the flow of fluid therethrough, said needle having a portion extending away from said orifice and directly slidably engaging said hub.

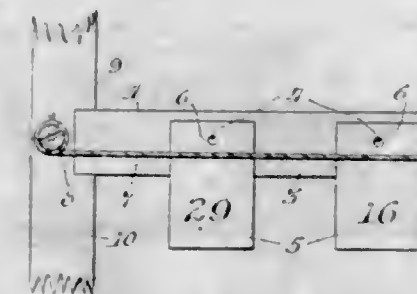
1,641,696. SWIVEL ROPE SOCKET. PHILIP A. SCHMUCK, Tulsa, Okla. Filed July 17, 1926. Serial No. 123,035. 13 Claims. (Cl. 24-123.)



1. In a swivel, a body portion having a passage therein, a flexible member extending into said passage, a retaining member therefor rotatable in said body portion, a lubricating passage leading into said first passage, a closure member for one end of said passage and means for providing a tight joint at the other end of said passage comprising means mounted on said flexible member provided with a compressible gasket engaging said body portion adjacent said last mentioned end.

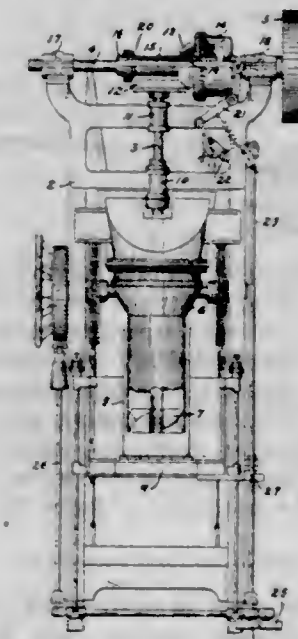
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1,641,697. PRICE-TAG SUPPORTING MEANS. FLETCHER SCOTT, Memphis, Tenn. Filed May 25, 1925. Serial No. 32,561. 8 Claims. (Cl. 40-19.5.)



3. In combination with a goods display shelf, perforated price-tags, rigid penetrative members for engaging said tags mounted in the face wall of said shelf, a retaining member comprising a frictional surface wire bearing against the faces of a plurality of tags, and means to secure said wire at its ends.

1,641,698. PACKER. ERNEST C. SHAW, Milwaukee, Wis., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis., a Corporation of Delaware. Filed Oct. 19, 1922. Serial No. 595,564. 2 Claims. (Cl. 74-7.)

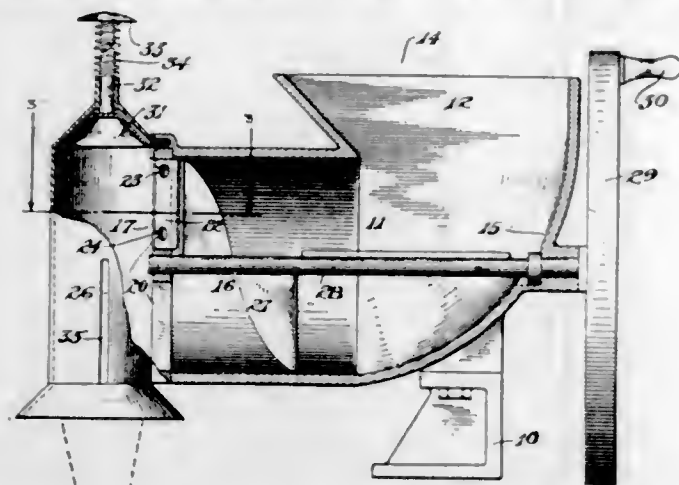


1. In a packer, an auger shaft rotatable in one direction only and having a driven gear secured to an end thereof, a driving shaft interchangeably rotatable in opposite directions and extending transversely across the axis of said auger shaft adjacent to said gear, a single driving gear mounted upon said driving shaft and interchangeably reversible thereon to cooperate with opposite peripheral portions of said driven gear, a clutch fixedly located upon said driving shaft and cooperable with said driving gear to transmit rotary motion through said driven gear to said auger shaft, and means for effecting interchangeable rigid attachment of said driving gear to said clutch in reversed positions.

1,641,699. ICE-SHAVING MACHINE. RALSTON R. SMITH, Oakland, Calif. Filed June 22, 1925. Serial No. 38,670. 8 Claims. (Cl. 83-62.)

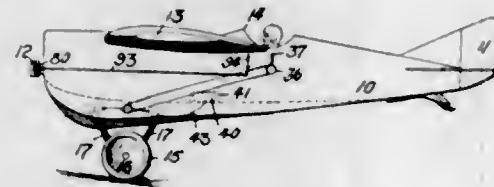
1. A machine of the character described comprising a body portion having a feed hopper, cutting means cooperating with the hopper to reduce pieces of ice deposited

therein to finely divided particles, a dispenser connected with the body portion adjacent the cutting means and adapted to receive the upper end of a cone and yieldably



support the same in a vertical position, and a reciprocable plunger associated with the dispenser and adapted to discharge the finely divided particles of ice in the dispenser into a cone held by the dispenser.

1,641,700. AIRCRAFT. LAWRENCE B. SPERRY, Farmingdale, N. Y.; The Bank of America, New York, N. Y., and Winifred Allen Sperry, Hempstead, N. Y., executors of said Lawrence B. Sperry, deceased, assignors to Winifred Allen Sperry. Filed Oct. 21, 1922. Serial No. 595,920. 13 Claims. (Cl. 244-2.)



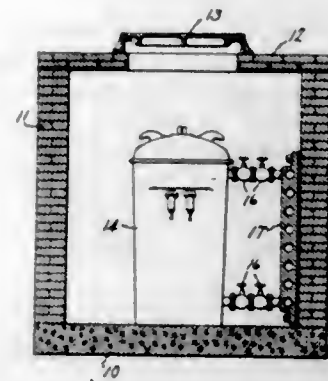
5. In combination, an aircraft having a landing gear, said gear having a plurality of struts, connections between said struts and said aircraft, means for releasing all of said struts simultaneously and ejecting said struts from said aircraft, said means comprising latches engaging said struts, and means for operating said latches simultaneously to ineffective positions, said latches having cams adapted to engage said struts when said latches are moved to ineffective positions to force said struts out of said machine.

1,641,701. GLOVE AND METHOD OF MANUFACTURING SAME. GEORGE SPIVAK, San Francisco, Calif. Filed Oct. 21, 1925. Serial No. 63,805. 2 Claims. (Cl. 2-169.)



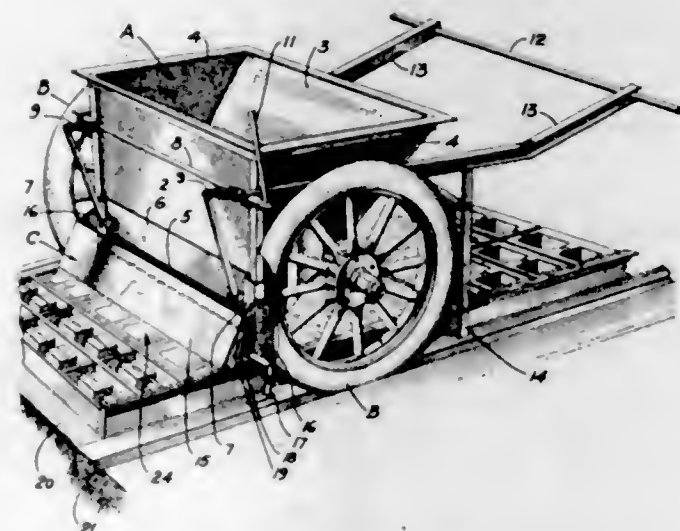
1. A glove comprising a palm and side portions of leather, having two outside fingers integral therewith, and a slot for a thumb piece formed therein, another leather portion formed of a single piece of material sewed to the palm portion and forming the front portion of the two middle fingers, a thumb portion also of leather, sewed into tubular form and sewed to the palm portion over said slot, and a back piece of cloth, sewed to the first-named leather portion and to the two middle fingers, the seams thereof falling at the back of the glove, and the said back piece serving also to cover the backs of the two middle fingers.

1,641,702. MEANS FOR COOLING TRANSFORMERS. SEVERN D. SPRONG, Brooklyn, N. Y., assignor to General Electric Company, a Corporation of New York. Filed May 4, 1925. Serial No. 27,055. 3 Claims. (Cl. 247-4.)



3. An underground manhole, a transformer within a casing inside said manhole, heat radiating means having a surface in good thermal relation with the casing of said manhole, and means for conducting heat absorbing liquid from the transformer casing into contact with said surface.

1,641,703. CONCRETE CONVEYING AND DISTRIBUTING CART. WOLCOTT P. STANTON, Berkeley, Calif. Filed July 23, 1924. Serial No. 727,667. 5 Claims. (Cl. 94-46.)

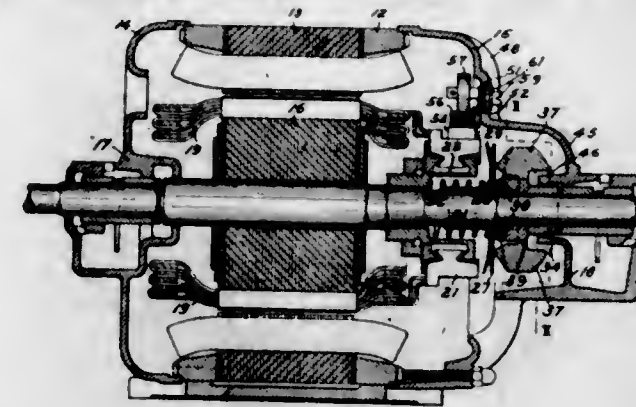


1. A cart of the character described, comprising a concrete receiving hopper having a discharge opening formed in its lower end and extending substantially from side to side of the hopper, a sliding gate vertically movable with relation to the opening for closing said opening and for regulating the flow of concrete therethrough, a manually operated lever for transmitting sliding movement to the gate, a combination spreading and leveling plate carried by the hopper, and wheels supporting and permitting longitudinal movement of the hopper.

1,641,704. ALTERNATING-CURRENT MOTOR. CHARLES W. STEEN, Norwood, Ohio, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis., a Corporation of Delaware. Filed Oct. 16, 1922. Serial No. 594,913. 7 Claims. (Cl. 172-279.)

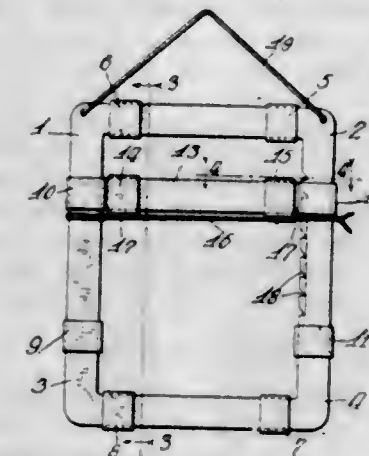
1. In combination in an alternating current motor, a stator, a rotor having a commutator, an end housing on said stator having a body portion disposed substantially at right angles to the axis of the rotor shaft, and a reduced bell-shaped extension adjacent said shaft, a brush-carrying support carried by and adjustable with respect to the body portion of said end housing, a short-circuit-

ing device carried by said shaft and movable thereon, means for urging said short-circuiting device away from said commutator, and a centrifugally operable weight lo-



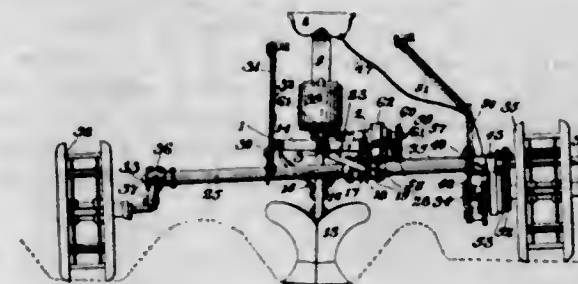
cated within said extension on the housing and automatically operable to shift said short-circuiting device into contact with said commutator bars.

1,641,705. GARMENT HOLDER. ANTONIE K. STEUWER, Memphis, Tenn. Filed Aug. 23, 1924. Serial No. 733,681. 3 Claims. (Cl. 223-61.)



1. A garment holder comprising a series of members each having angularly disposed arms, the arms of adjoining members that extend in the same direction being overlapping and slidable upon one another and retaining and guiding members carried by said arms.

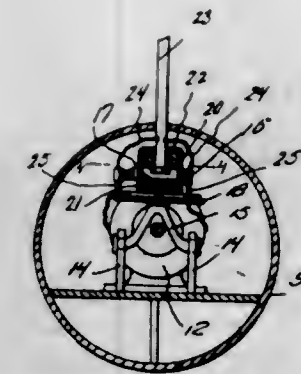
1,641,706. WHEELED PLOW. CARL G. STRANDEUND, Moline, Ill., assignor to Deere & Company, Moline, Ill., a Corporation of Illinois. Filed Mar. 2, 1921, Serial No. 448,999. Renewed Apr. 14, 1923. 6 Claims. (Cl. 97-83.)



1. In a machine of the character described, the combination of a wheel frame, supporting wheels therefor adapted to be moved forwardly or rearwardly to raise or lower the frame, means to move said wheels, a main frame pivotally supported on the wheel frame at one side of the longitudinal medial line of the main frame, said

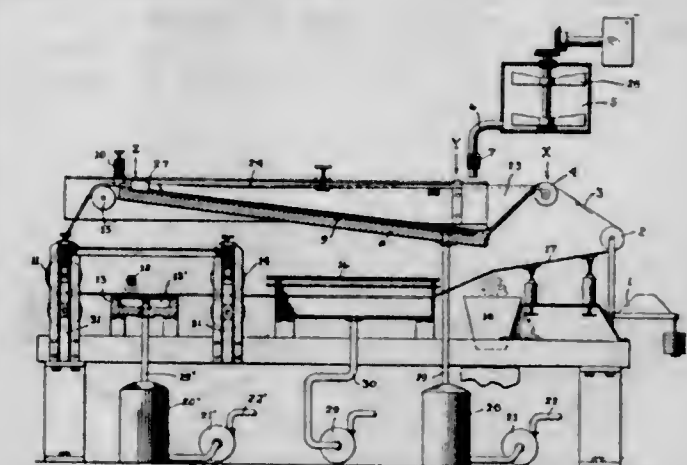
pivotal support comprising bearings having an axis parallel with said medial line, means to rock the main frame laterally, and a plow carried by the main frame and swung laterally by the rocking thereof.

1,641,707. ROUNDABOUT. KARL JOSEF STRIGL, New York, N. Y. Filed Apr. 14, 1927. Serial No. 183,744. 3 Claims. (Cl. 272-31.)



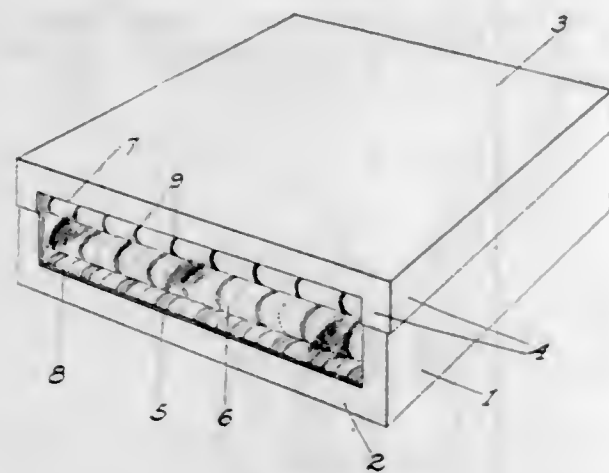
1. In a roundabout of the character described, a supporting frame, a socket associated with an elevated unit of the frame, a roundabout unit, a suspension member, a head at one end of the member for universal movement within the frame socket, and a pivotal and rotary connection between the opposite end of the member and said roundabout unit, said pivotal connection consisting of a bracket pivoted to the roundabout unit, a pin upon the upper end of the bracket, a cup arranged over the upper end of the pin, a disc upon the inner end of the pin for engagement with the bottom wall of the cup, a plug within the upper end of the cup, and a connection between the plug and the adjacent end of said suspension member.

1,641,708. SEPARATION OF SOLIDS FROM LIQUIDS. SCOTT SYMINGTON, Passaic, N. J. Filed June 26, 1920. Serial No. 391,863. 2 Claims. (Cl. 100-37.)



1. In an apparatus for the separation of solids from liquids, the combination with a porous septum, of means for imparting motion thereto, means for removing the liquid from the solid through said septum, means for washing the solid on the septum after the initial removal of the liquid therefrom, and means for removing the washing fluid from said solid.

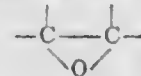
1,641,709. COMBINATION PACKING AND DISPLAY BOX. WILLIAM D. TAM, Jackson, Calif. Filed Sept. 9, 1926. Serial No. 134,386. 1 Claim. (Cl. 206-44.)



A combination shipping and display box comprising side, bottom and end members, the side and bottom members having hinged flaps to which the ends are secured, one end being cut out to form a window, the edges of the window substantially aligning with the inner edges of the flaps, and a transparent pane interposed and secured between the flaps and the edges of the cut-out end.

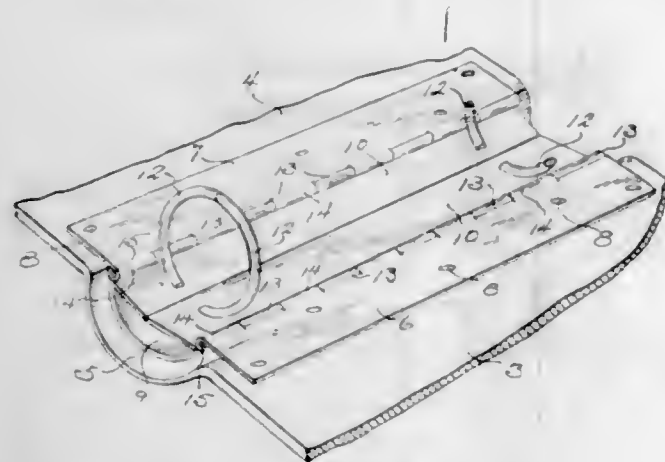
1,641,710. PROCESS OF PREPARING GLYCOLS. FREDERICK H. UNTIEDT, Washington, D. C. Filed June 11, 1926. Serial No. 115,357. 13 Claims. (Cl. 260-156.5.)

2. In the catalytic hydration of organic oxides containing the olefinic oxide group



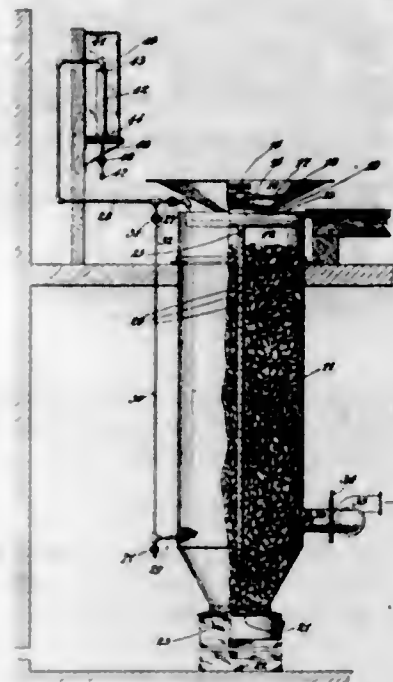
to glycols, the step which comprises treating at least one such oxide with just enough water to react with all of the oxide present.

1,641,711. LOOSE-LEAF BINDER. RICHARD M. VAN VALKENBURGH, Kansas City, Mo., assignor to Irving-Pitt Manufacturing Company, Kansas City, Mo., a Corporation of Missouri. Filed Aug. 25, 1926. Serial No. 131,414. 7 Claims. (Cl. 129-24.)



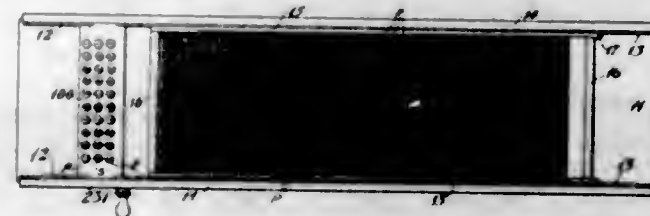
4. In a loose leaf binder of the character described, a flexible arcuate back plate hinged along its edges and a pair of ring carrying toggle plates mounted in said back plate.

1,641,712. APPARATUS FOR GAS-TREATING ARTICLES. ALBIN H. WARTH, Baltimore, Md., assignor to The Crown Cork & Seal Company of Baltimore City, Baltimore, Md., a Corporation of Maryland. Filed Feb. 5, 1926. Serial No. 86,199. 4 Claims. (Cl. 167-3.)



4. In an apparatus of the class described, and in combination, a container for articles to be treated, means for conducting gas to opposite ends of the container, means for so determining and controlling the gas flow that the gas is admitted to the container at a given rate, and means for regulating the relative amounts of gas admitted to the respective ends of the container.

1,641,713. SELECTING APPARATUS. LUTHER A. WATERS and SAMUEL F. LLOYD, St. Louis, Mo., assignors, by mesne assignments, to Remington Rand Inc., Tonawanda, N. Y., a Corporation of Delaware. Filed Aug. 30, 1919. Serial No. 320,940. 14 Claims. (Cl. 129-16.1.)

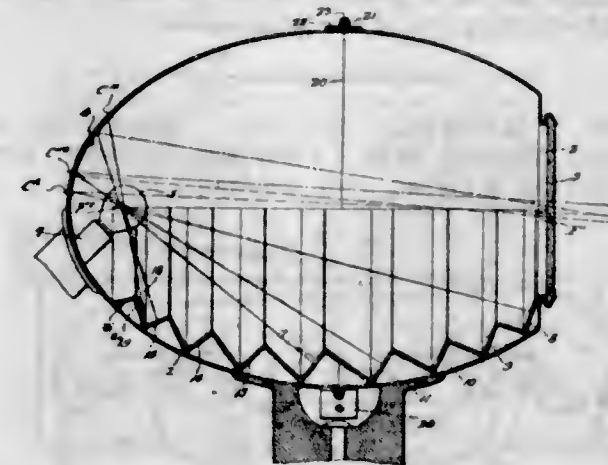


1. In an apparatus of the class described, the combination with selector means, of mechanism adapted to successively locate said selector means in accordance with the successive orders of a given system, selective manipulative elements, corresponding respectively to the orders, adapted to control said mechanism, and a frame having bearings for supporting said means, mechanism and elements for cooperative relation.

1,641,714. HEADLIGHT. EDWARD J. WHALEN, Syracuse, N. Y., assignor to Reddirected Light Corporation of America, Syracuse, N. Y., a Corporation of New York. Filed Jan. 22, 1927. Serial No. 162,825. 1 Claim. (Cl. 240-41.)

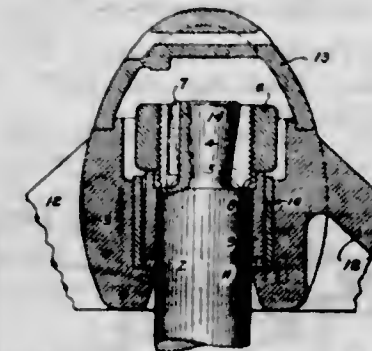
A vehicle headlight comprising an elliptical reflector having its forward end terminating substantially at its front focal plane, a light source in the rear focus, a series

of rearwardly presented curved transverse reflecting surfaces in the lower half of the reflector and having their centers located at different points on the rear portion of the elliptical reflector to the rear and above the light source, said transverse surfaces adapted to direct the



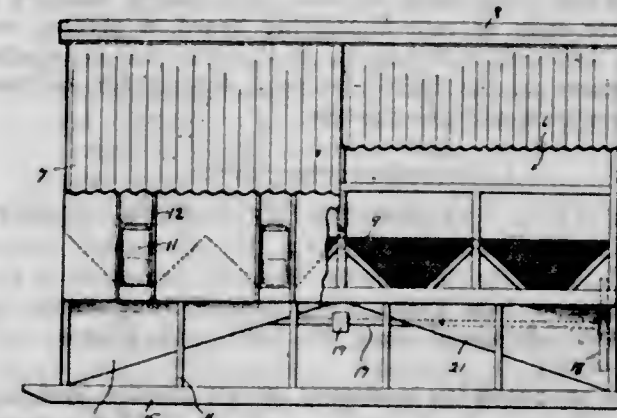
light received by them against the rear portion of the elliptical reflector back of the rear focal plane on either side of and in close proximity to the light source, whereby the light is directed forwardly in a beam, the upper boundary of which closely approaches the horizontal.

1,641,715. SHAFT SUSPENSION. HUGO W. WEINER, Milwaukee, Wis., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis., a Corporation of Delaware. Filed Jan. 31, 1925. Serial No. 5,963. 4 Claims. (Cl. 308-142.)



1. In combination, a shaft having a frusto-conical external surface, a split member having a frusto-conical internal surface engaging said external shaft surface and movable relatively thereto longitudinally of said shaft, a ring member embracing said split member, and means for automatically urging said members along said shaft to lock said split member to said shaft at said surfaces.

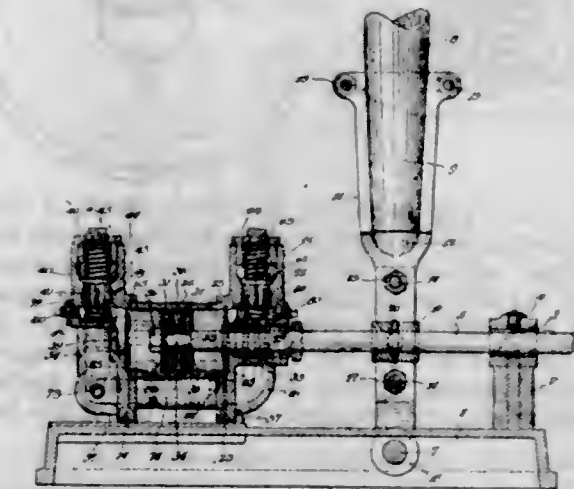
1,641,716. WALNUT DEHYDRATER. JESSE C. WELLES, Hemet, Calif. Filed Dec. 28, 1926. Serial No. 157,536. 3 Claims. (Cl. 34-19.)



1. A dehydrater of the class described comprising a housing provided with a bin open at its top, a closure for said top, a discharge opening in one side of said bin, a

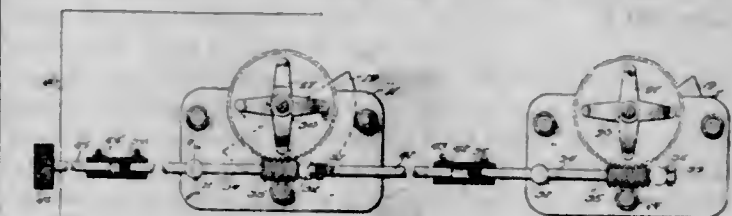
closure for said opening, and a screened bottom in said bin and embodying downwardly converging side walls and a downwardly and outwardly inclined bottom wall, leading to said discharge opening.

1,641,717. PUMP. GEORGE J. WELTER, Tiffin, Ohio. Filed May 13, 1925. Serial No. 30,011. 2 Claims. (Cl. 103-175.)



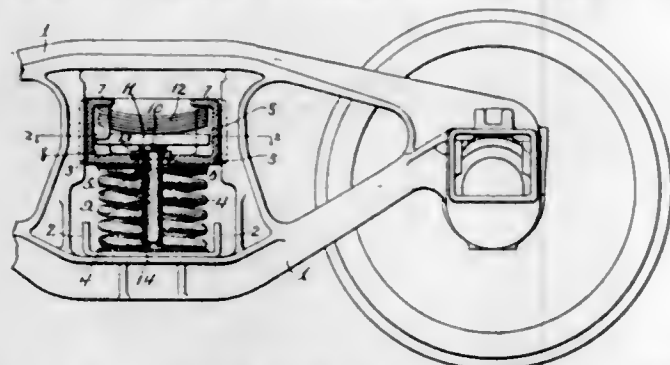
1. A pump comprising an open-ended tubular cylinder, heads for the ends of said cylinder, each having its inner face formed with a recess constituting a seat to receive an adjacent end of the cylinder and a transversely extending pocket having its intermediate portion communicating with the cylinder, valve chambers extending upwardly from the end portions of said pocket, one being formed with a depending inlet neck and the other with an outlet neck extending transversely therefrom intermediate its end, pipes connecting the necks of the valve chambers of one head with the necks of corresponding valve chambers of the other head, the ends of said pipes being removably engaged with the valve chamber necks, draw rods extending between and engaged with said heads to releasably retain the heads in engagement with the ends of said cylinder and pipes, upwardly opening valves in said valve chambers normally closed and controlling passage of fluid through the inlet and outlet necks, and removable closures for the upper ends of said valve chambers.

1,641,718. VARIABLE AIR CONDENSER AND COUPLING MEANS THEREFOR. JOHN W. WHITLOCK, Rising Sun, Ind. Filed Apr. 28, 1925. Serial No. 26,492. 1 Claim. (Cl. 74-7.)



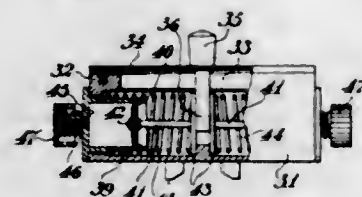
In apparatus of the character specified, the combination of a spindle, a bearing therefor, a stop adjustable on the spindle and engaging a side of the said bearing, means for locking the said stop, a worm gear loose on the spindle and in frictional contact with the opposite side of the bearing, a pressure member rotatable with the spindle and yieldably holding the worm gear in frictional contact with the said bearing, and a worm shaft in mesh with the worm gear to coact therewith to prevent casual movement of the spindle and serve as operating means therefor when required.

1,641,719. CAR-TRUCK SPRING. JOHN C. WHITRIDGE, Columbus, Ohio, assignor to The Buckeye Steel Castings Company, Columbus, Ohio. Filed Oct. 20, 1926. Serial No. 144,279. 5 Claims. (Cl. 105-197.)



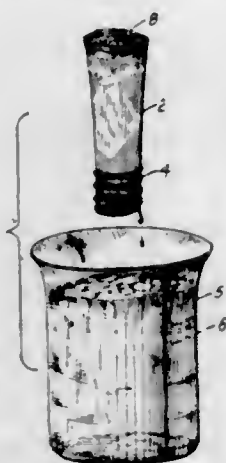
1. A car truck including a spring plank, a bolster, helical springs on the spring plank supporting the bolster, a plunger supported by and extending downwardly through the bottom of the bolster and movable upwardly therein and having its lower end normally free of the spring plank, a seat on the upper end of the plunger, and a frictional spring resting on said seat and having its upwardly bowed ends engaged with the top of the bolster.

1,641,720. DIRECTION-INDICATING AND WARNING DEVICE FOR MOTOR ROAD VEHICLES. HENRY ALBERT WIDMER, London, England. Filed Feb. 4, 1927. Serial No. 165,919, and in Great Britain Dec. 21, 1925. 4 Claims. (Cl. 200-34.)



1. In a direction indicating device for automobiles and the like, a manually operated switch adapted to close the circuit to "right" and "left" turn signal members comprising a casing, cylinder members fitted in the ends of said casing and having throttled air ports, springs within the casing and having their lower ends surrounding said cylinders, plungers each having a portion operating within said cylinders and a plate engaged by said spring, a cover for the casing having a slot, terminal contacts carried by the cover and arranged on opposite sides of the slot, and a contact operating handle slidable in the slot and arranged between the said plates of the plunger devices.

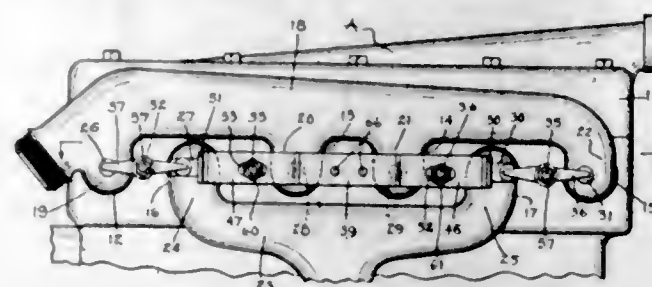
1,641,721. SHAVING BRUSH. FREDERICK G. WILCOTT and PETER J. MORELLI, San Quentin, Calif. Filed Nov. 20, 1926. Serial No. 149,642. 2 Claims. (Cl. 15-194.)



1. A shaving brush of the character described comprising a handle and a brush member; said member com-

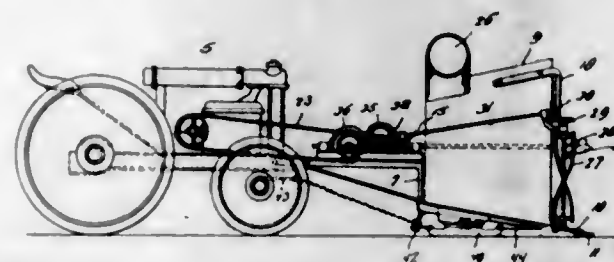
prising a bunch of cheap vegetable fibers, a helically-wound non-metallic cord bonding said fibers into a brush-like tuft and forming a threaded attaching end, and a soap impregnation securing said cord to the tuft, stiffening said fibers, and bonding said fibers into a unit, and said handle having a threaded socket to receive the said threaded attaching end of the brush member.

1,641,722. MANIFOLD HOLDER. ENGBRIGHT A. WINDEN, Willmar, Minn. Filed Mar. 4, 1926. Serial No. 92,170. 8 Claims. (Cl. 29-84.)



1. A manifold holder for the intake and exhaust manifolds of an internal-combustion engine fitted with manifold studs, said holder including reaches apertured to receive said studs for attaching the holder to the engine in either of two positions, means formed on said reaches at one side thereof for engagement with the intake manifold when said holder is attached to the engine in one of its positions, and means on the other side of said reaches for engagement with the exhaust manifold of said engine when said holder is attached to the engine in its other position.

1,641,723. SNOWPLOW. DAVID ZINN, New Hamburg, Ontario, Canada. Filed May 17, 1926. Serial No. 109,018. 2 Claims. (Cl. 37-43.)

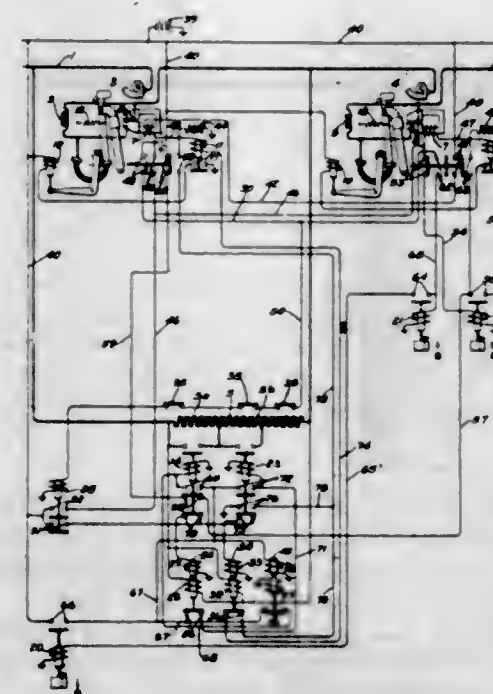


1. In a snow plow for tractors, a pair of horizontal frame bars secured at their inner ends to the forward ends of the tractor chassis bars, the outer ends of said frame bars being disposed downwardly and thence forwardly, the forwardly projecting ends of the frame bars being inclined downwardly, snow gathering means mounted on the inclined forwardly projecting ends of said frame bars, means whereby said snow gathering means may be operated by the tractor power plant, a board mounted transversely beneath the inclined forwardly projecting ends of the frame bars, an underlying board, runners at the outer ends of said underlying board, a pivotal connection between said boards, and means for connecting the runners to the tractor steering wheels for facilitating the steering of the runners.

1,641,724. AUTOMATIC RECLOSING CIRCUIT-BREAKER SYSTEM. ARVID E. ANDERSON, Scotia, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Sept. 8, 1924. Serial No. 736,447. Renewed June 13, 1927. 16 Claims. (Cl. 175-294.)

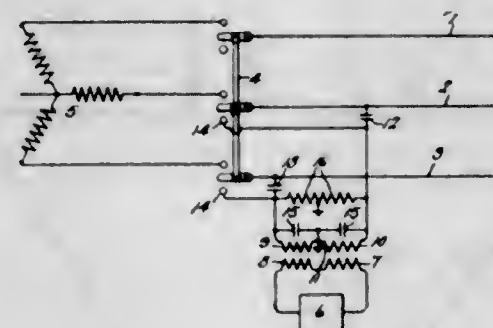
1. In an automatic reclosing circuit breaker system, a supply circuit, a load circuit, a circuit breaker arranged to connect said circuits together, current limiting means arranged to be connected in series with said circuits when said circuit breaker is opened and to be short cir-

cuit by said circuit breaker when it is closed, means for opening said circuit breaker in response to a predetermined abnormal condition on said load circuit, means for decreasing the current limiting effect of said current limiting means when the load is less than a predetermined



value after the opening of said circuit breaker, and means controlled by the current supplied through said current limiting means and operative only after the operation of said load responsive means for effecting the closing of said circuit breaker.

1,641,725. SIGNALING SYSTEM. EDWARD AUSTIN, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed July 9, 1924. Serial No. 725,090. 8 Claims. (Cl. 177-352.)

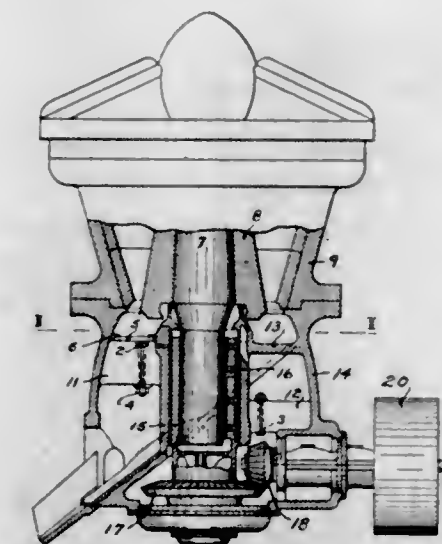


1. The combination in a signaling system of a power distribution system comprising transmission conductors and switching means for connecting an electric power apparatus to said conductors, disconnecting said apparatus from said conductors or grounding said conductors when said conductors are disconnected from said apparatus, a source of signaling current and means for supplying signaling current to said conductors under any of said conditions of said switching means.

1,641,726. CRUSHER AND METHOD OF CONSTRUCTING THE SAME. JOHN S. BOND, Milwaukee, Wis., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis., a Corporation of Delaware. Filed June 12, 1924. Serial No. 719,513. 3 Claims. (Cl. 83-10.)

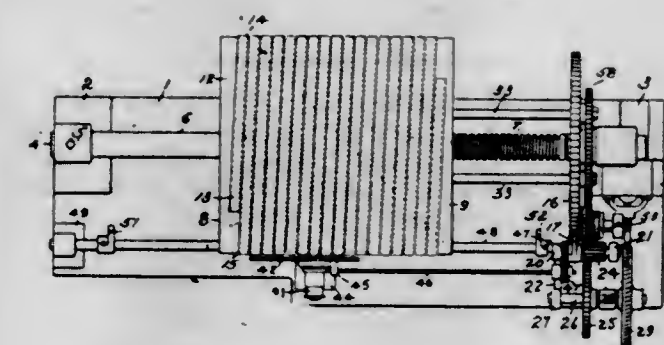
1. The method of constructing a crusher frame consisting of an outer shell member and a bearing member

located therein, which comprises, casting at least one of said members with a rib section extending toward but



disconnected from the other member, and subsequently completing the connection between said rib section and said other member.

1,641,727. MOTION-PICTURE MACHINE. JAMES R. BRADFORD, San Francisco, Calif. Filed July 2, 1925. Serial No. 40,998. 6 Claims. (Cl. 88-16.)

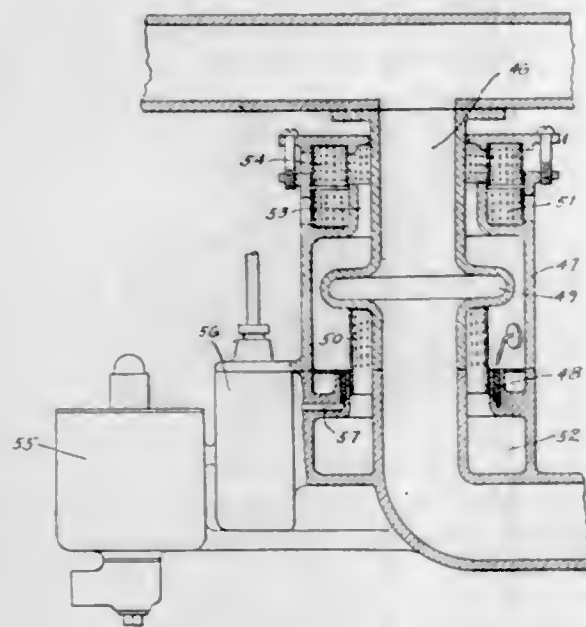


1. A motion picture machine comprising a base having shaft supports thereon; a shaft fixed in said supports and having a screw thread on a portion of its length; a film drum having one end threaded on said shaft and the other end slidable thereon; an image film on said drum; a ratchet revoluble on said shaft; rods fixed in said ratchet and slidably engaging said drum; a pawl engaging said ratchet; pinion means for operating said pawl; a spur gear fixed to said ratchet; a sliding gear adapted to engage and disengage between said pawl pinion and spur gear; a reversing slide rod guided on said base and engaging said slidable gear and having trips thereon in the path of the film drum; an electric light projecting means within said drum and an image projecting lens in juxtaposition to said light means.

1,641,728. MANIFOLD HEATER FOR INTERNAL-COMBUSTION ENGINES. ARCHIE G. BRIDGFORD and SIDNEY B. BOLTON, Alledo, Ill.; said Sidney B. Bolton assignor to said Archie G. Bridgford. Filed July 3, 1925. Serial No. 41,412. 7 Claims. (Cl. 123-180.)

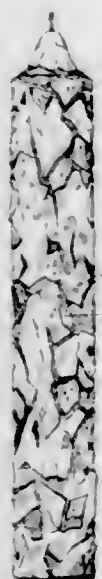
4. In a manifold heater, a casing for enclosing the manifold, a burner mechanism within said casing, means for providing said burner mechanism with a current of air, an oil feed chamber in communication with said burner mechanism, a plunger held normally in one end

of said chamber, and provided with means for the passage of said oil from one end of the plunger to the other, means for manual operation of said plunger, to force the



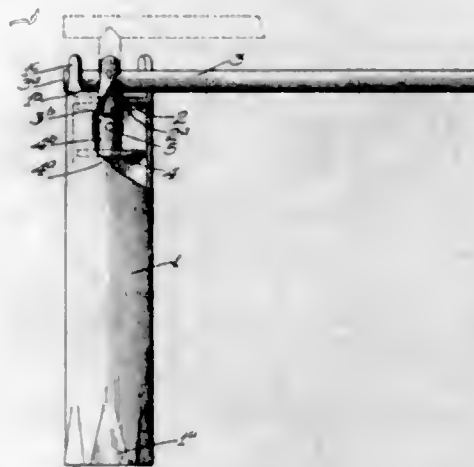
oil in said chamber from one end thereof to the other, permitting the escape thereof to said burner mechanism, and means for igniting the vapor formed from said oil.

1,641,729. ORNAMENTED CANDLE AND METHOD OF MAKING SAME. JESSE E. BRINKER, Whiting, Ind., assignor to Standard Oil Company, Whiting, Ind., a Corporation of Indiana. Filed Oct. 27, 1924. Serial No. 746,093. 6 Claims. (Cl. 87-21.)



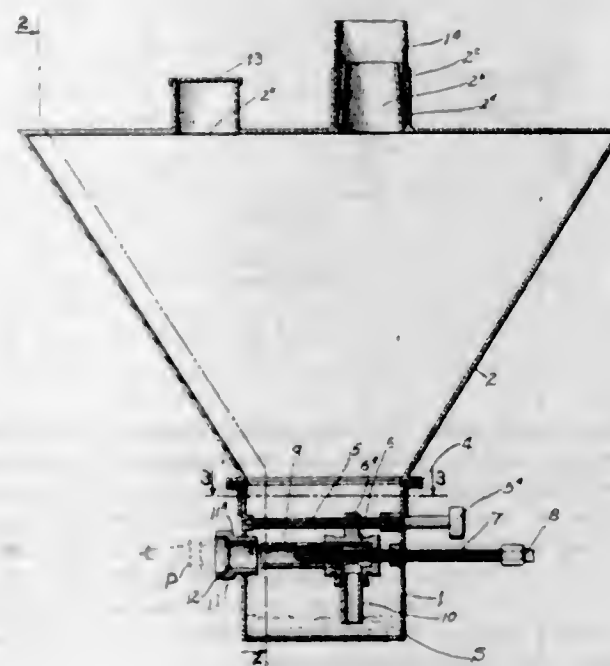
1. An ornamented candle having a body consisting largely of paraffin wax and irregular, scale-like surface incrustations of a mixture of hydrocarbon wax and carnauba wax containing 15 to 50% of the latter.

1,641,730. WRENCH. GEORGE BROWNING and PATRICK J. BOHAN, San Diego, Calif. Filed Feb. 16, 1925. Serial No. 9,460. 11 Claims. (Cl. 81-177.)



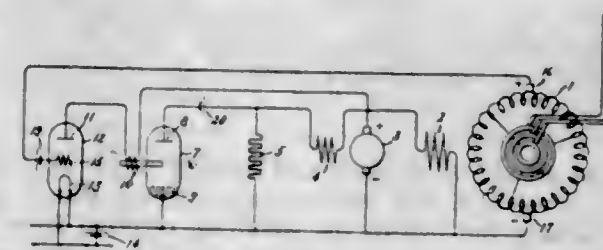
1. In a wrench structure of the character described, a wrench member provided at one end with a wrench portion and at its opposite end with a plurality of notches, a handle member, and a retainer pivotally connected to said handle and extending into the wrench member, said handle member being adapted to be inserted into said notches for rotating the wrench member, and to be withdrawn therefrom, and adapted, when withdrawn, to be folded against the side of the wrench member.

1,641,731. SPARK-PLUG-CLEANING APPARATUS. GEORGE BROWNING, San Diego, Calif., assignor of one-half to Albert Richards, San Diego, Calif. Filed June 30, 1925. Serial No. 40,618. 5 Claims. (Cl. 51-8.)



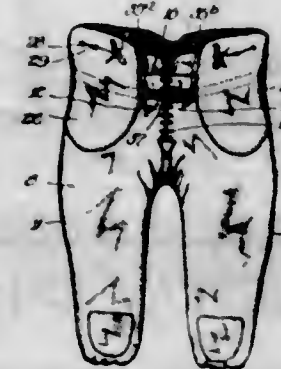
3. In an apparatus of the class described, a container provided with an opening in its wall, a screw revolvably mounted in said container at its lower portion, and an abrasive material blast nozzle shiftable supported by said screw and communicating with a source of air supply and with the lower end of said container, said nozzle being adjustable relative to the opening in the wall of the container.

1,641,732. ELECTRIC REGULATING SYSTEM. WALDEMAR BRÜCKEL, Treptow, Berlin, Germany, assignor to General Electric Company, a Corporation of New York. Filed May 24, 1924, Serial No. 715,594, and in Germany June 8, 1923. Renewed Jan. 11, 1927. 6 Claims. (Cl. 171-312.)



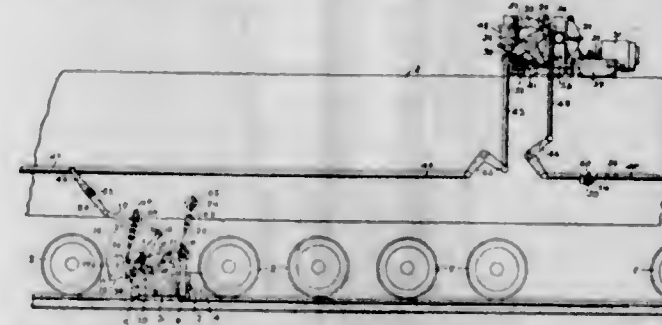
2. A voltage regulating system for a generator comprising an exciter for said generator, an electric discharge tube connected to regulate the excitation of said exciter, and means controlled by the voltages of said exciter, and said generator for varying the regulating effect of said tube.

1,641,733. FOOTBALL PANTS. DAVID MADISON BULLOCK, Champaign, Ill. Filed Apr. 1, 1926. Serial No. 98,941. 6 Claims. (Cl. 2-23.)



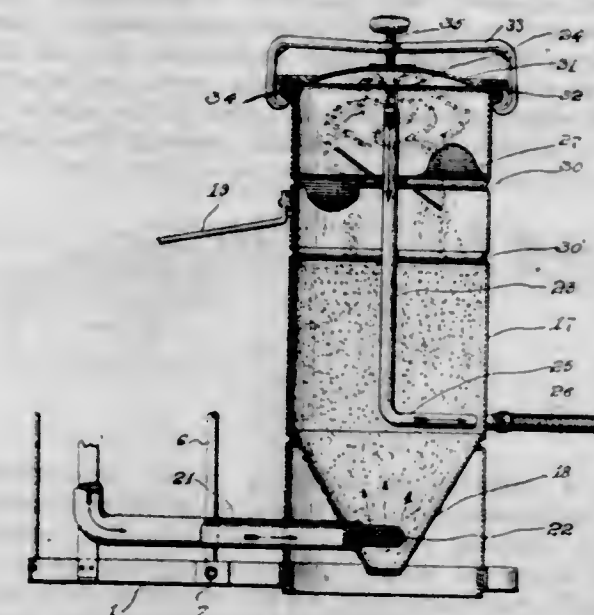
1. A pair of football pants provided with a kidney protecting girdle extending upwardly from the waist line in the rear of the pants, said girdle having an opening in the rear dividing said girdle into right and left hand portions, and two belt sections having their ends secured to said girdle portions on each side of said opening, said belt sections passing through guide means in the pants and sloping downwardly from the points of attachments at said girdle portions to the waist line at the front of the pants, and said belt sections being adapted to draw said kidney pads in to fit the body of the wearer.

1,641,734. SAFETY STOP FOR TRAVELING STRUCTURES. ARTHUR F. CASE, Cleveland, Ohio, assignor to The Wellman-Seaver-Morgan Company, Cleveland, Ohio, a Corporation of Ohio. Filed Aug. 30, 1924. Serial No. 735,162. 24 Claims. (Cl. 188-43.)



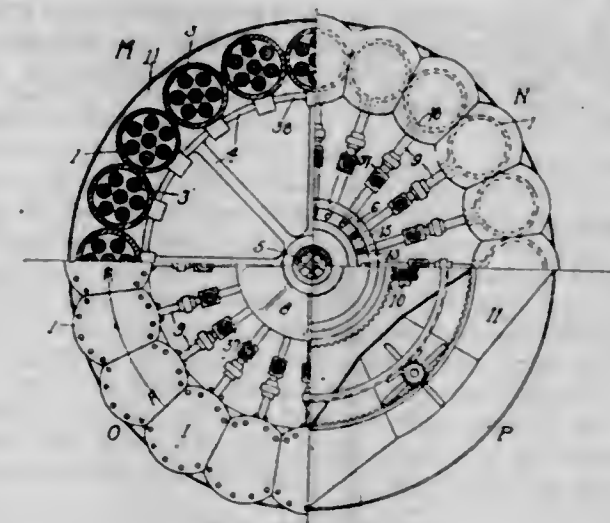
1. The combination with a traveling structure adapted to be moved along a trackway, of oppositely disposed wedge members flexibly suspended from the frame of said structure, each adapted to move by gravity into blocking position between a wheel and a rail, an operating means carried by the frame, and means connecting the operating means to the wedge members or simultaneously shifting the same out of blocking position.

1,641,735. INSECTICIDE DUSTER. LEWIS CHEESMAN, Fellsmere, Fla. Filed Dec. 7, 1925. Serial No. 73,618. 5 Claims. (Cl. 42-147.)



1. An insecticide duster, including a cylindrical container, a baffle consisting of a plurality of alternating angularly disposed blades for creating a vortex in said container, means for forcing air into said container, discharging means and means secured to said discharging means for spraying the contents of said container on vegetation to be treated.

1,641,736. APPARATUS FOR FILTRATION. NIELS C. CHRISTENSEN, Salt Lake City, Utah. Filed Jan. 19, 1921. Serial No. 438,372. 14 Claims. (Cl. 210-196.)

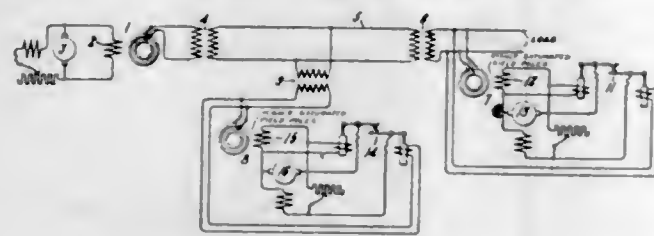


1. The apparatus for separating liquids from finely divided solids by filtration which consists of a vertical chamber closed at the sides and top and having suspended therein vertical partitions of filtering medium so arranged as to form of a portion of the space within said chamber vertical spaces which are entirely enclosed except for openings through which vacuum and pressure may be applied thereto, together with means for dipping the lower end of said chamber slightly into liquid pulp to be filtered.

1,641,737. ELECTRICAL POWER TRANSMISSION. EDITH CLARKE, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Apr. 30, 1925. Serial No. 27,047. 4 Claims. (Cl. 172-246.)

1. In a high-voltage electrical power transmission system, the combination of a source of alternating-current supply, a receiving circuit, a transmission line connecting

said source of supply and said receiving circuit, means comprising a synchronous phase modifier with a highly saturated field structure connected to said transmission line, a regulator for automatically regulating the field excitation of said phase modifier in accordance with voltage variations in the line, said phase modifier being so saturated that upon sudden application of load and consequent decrease in line voltage corrective reactive power of sufficient magnitude is added to the system to prevent a material drop in voltage, whereby the system may be operated closer to its maximum power limit.



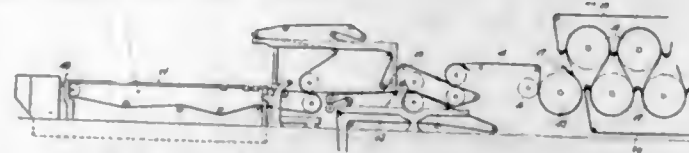
2. In a high-voltage electrical power transmission system, the combination of a source of alternating-current supply, a receiving circuit, a transmission line connecting said source of supply and said receiving circuit, a synchronous condenser with highly saturated field poles connected to the line at a point intermediate the supply and receiving circuit, a second synchronous condenser with highly saturated field poles connected to the line at a point adjacent the receiving circuit, a regulator for each synchronous condenser automatically regulating the field excitation thereof in accordance with the variations in line voltage at the respective points of connection, said synchronous condensers being so saturated that upon sudden increase in power demand corrective reactive power of sufficient magnitude is added to the system to prevent the line voltage from dropping to a value where the line is unstable, whereby the system may be operated closer to its maximum power limit.

1,641,738. ACTUATING DEVICE FOR DOOR AND WINDOW TRANSOMS. JOSEPH P. CLARKE, San Francisco, Calif. Filed Apr. 14, 1926. Serial No. 101,855. 1 Claim. (Cl. 268-116.)



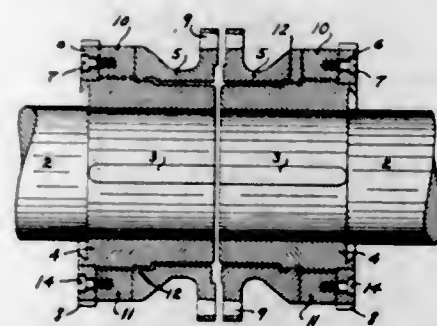
The combination with a transom borne by centrally arranged stub-shafts in supporting bearings, one of said stub-shafts being provided with a gear, of an actuating mechanism comprising a bar carrying a rack at its either extremity and adapted for limited vertical movement, the rack carried by the upper extremity of said bar being adapted to mesh with the gear borne by one of said stub-shafts and being additionally provided with means for its actuation comprising a shaft bearing a pair of gears of unequal diameter, a worm and a means for the actuation of said worm, the smaller of said gears being in mesh with said worm and the larger in mesh with the lower of the racks borne by said bar.

1,641,739. METHOD OF AND APPARATUS FOR CREPING PAPER. AUSTIN E. COFFIN, Green Bay, Wis. Filed June 7, 1926. Serial No. 114,368. 3 Claims. (Cl. 92-69.)



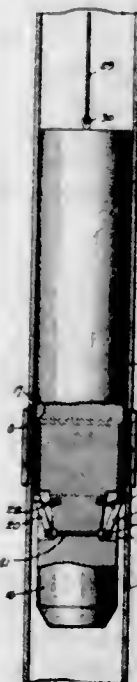
1. The process of making and creping paper as a continuing process in the manufacture thereof which comprises passing the web in the condition received from the wet end of the machine between a smooth surfaced press roll and a heated roll, said rolls in direct contact with the opposite surfaces of the web with consequent adhesion of the web to the heated roll, scraping the adhering web from the heated roll and passing the thus creped web to successive drying rolls.

1,641,740. COUPLING. HANS P. DAHLSTRAND, Wauwatosa, Wis., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis., a Corporation of Delaware. Filed Apr. 3, 1922. Serial No. 459,090. 5 Claims. (Cl. 64-89.)



1. In combination, a pair of rotary elements, a sleeve comprising a pair of interlocked sections each of which is positively drivingly connected to one of said elements, and means for withdrawing said sections from each other and for subsequently rigidly holding each section against the adjoining element to provide a space between said sections when the interlock is removed.

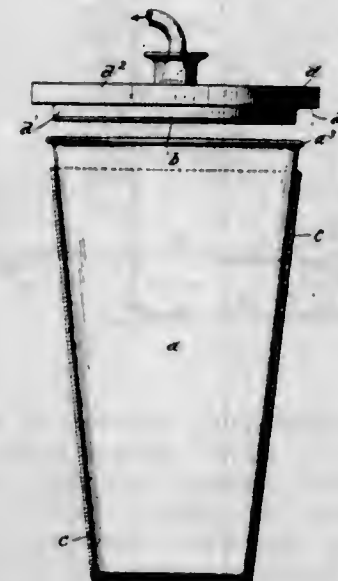
1,641,741. CEMENT PLUG. HERBERT A. DAVIS and CLEO F. DAVIS, Torrance, Calif. Filed Apr. 22, 1924. Serial No. 708,130. 9 Claims. (Cl. 166-13.)



1. In combination, a well casing, a plug insertable wholly into the casing and provided with a valve, and means having a valve seat and secured at a predeter-

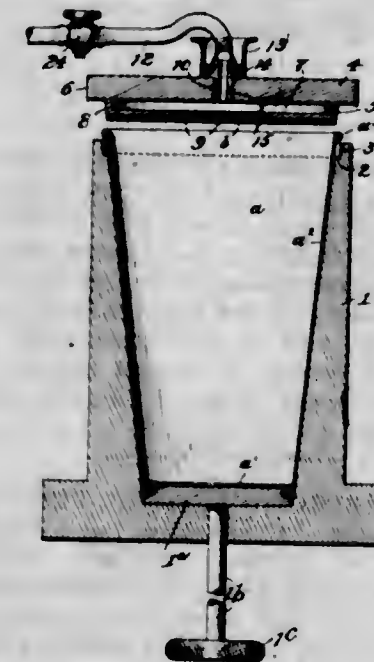
mined point in the casing coacting with means on the plug to lock the plug against movement vertically within the casing when the plug has been lowered to the predetermined point within the casing to engage said valve with said seat.

1,641,742. METHOD AND APPARATUS FOR SECURING CLOSURE CAPS TO PAPER RECEPTACLES. CECIL F. DAWSON, Easton, Pa., assignor to Individual Drinking Cup Company, Inc., Easton, Pa., a Corporation of Pennsylvania. Filed Dec. 11, 1923. Serial No. 680,035. 7 Claims. (Cl. 226-81.)



1. The improved method of securing closure caps to paper receptacles of tapering form which consists in forcing a closure cap in flat form within the larger end portion of the tapering receptacle to stretch and bend outwardly the side wall of the receptacle to form a seat therein and effect an interlocking engagement of the closure cap therewith while supporting the side wall of the receptacle below the point of insertion of the closure cap against distortion.

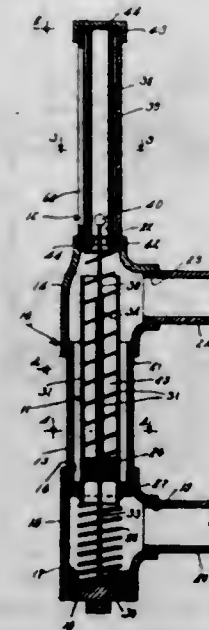
1,641,743. APPARATUS FOR SECURING CLOSURE CAPS TO PAPER RECEPTACLES. CECIL F. DAWSON, Easton, Pa., assignor to Individual Drinking Cup Company, Inc., Easton, Pa., a Corporation of Pennsylvania. Filed Dec. 11, 1923. Serial No. 680,036. 7 Claims. (Cl. 226-81.)



5. An apparatus for securing closure caps to paper receptacles, said apparatus including means for supporting the receptacle, a plunger member adapted to force a

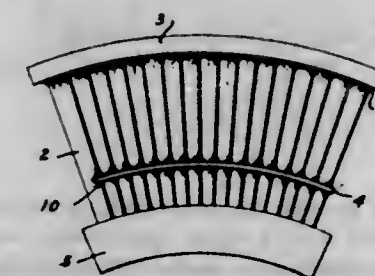
closure cap into the receptacle, means for holding a closure cap on the face of the plunger, and means for applying closure caps to and in centered relation with the face of the plunger, said means including a magazine adapted to hold a stack of caps for engagement at one end by the plunger, a spring pressed follower for the magazine, and said magazine having an open longitudinally disposed delivery end part provided with means for engagement by the plunger and acting to guide the plunger in centered relation with the stack of closure caps.

1,641,744. FLOW METER. GEORGE E. DECKER, Los Angeles, Calif. Filed June 12, 1923. Serial No. 644,877. 3 Claims. (Cl. 73-167.)



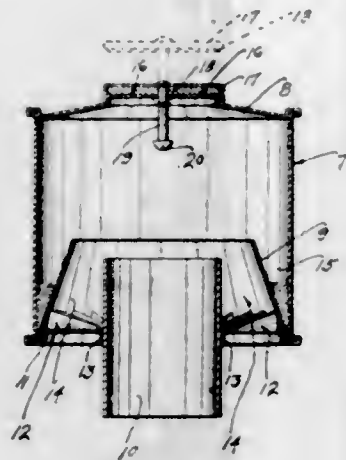
1. In a fluid meter of the character described, a hollow body with lateral openings to receive two fluid conduits so that the body connects the conduits, the body having openings in its upper and lower ends, a removable plug for the opening in the lower end of the body, a gauge glass connected with the opening in the upper end of the body to extend upwardly from the body, a closure for the upper end of the gauge glass, a cylinder mounted in the body so that it is removable from the body through the opening in the lower end of the body when the plug is removed, the cylinder having one end connected with the body so that fluid passing through the body enters the cylinder and having openings adapted to be uncovered proportionally to the upward movement of the piston to allow the escape of fluid, a piston carried in the cylinder to be actuated by flow of fluid through the cylinder, an indicating part carried in the gauge glass, and an operating connection between the piston and the indicating part.

1,641,745. METHOD OF UNITING BLADES. PAUL C. DIMBERG, Wauwatosa, Wis., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis., a Corporation of Delaware. Filed Apr. 17, 1924. Serial No. 707,059. 2 Claims. (Cl. 113-112.)



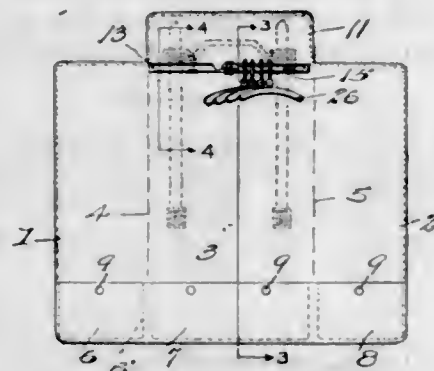
1. The method of uniting a group of blades having fluid conducting passages therebetween, which comprises, definitely positioning the individual blades closely ad-

1,641,746. AIR CLEANER. FRANK A. DONALDSON, Minneapolis, Minn. Filed Apr. 29, 1926. Serial No. 105,443. 10 Claims. (Cl. 183-91.)



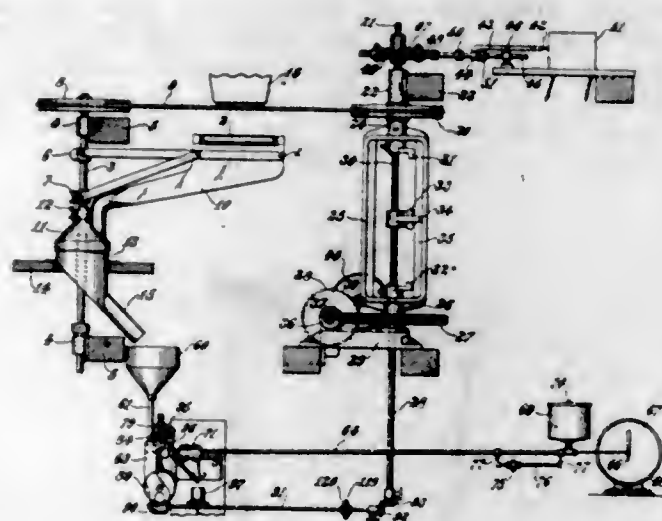
1. An air cleaner of the kind described comprising a casing, a baffle connected at its outer edge to the open end of said casing and with its inner edge spaced from said casing to form therewith a dust-collecting chamber, a clean air outlet tube extended axially into said casing but spaced from said baffle to form a surrounding air intake passage, and means within said air intake passage for setting up a whirling motion of the air drawn into said casing.

1,641,747. TRAVELING BAG. LOUIE NAOMI DOUD, Norwalk, Ohio. Filed July 30, 1926. Serial No. 125,951. 4 Claims. (Cl. 190-43.)



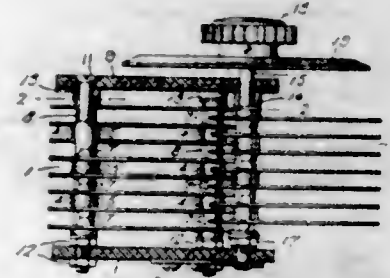
1. A wrapper having an intermediate section and side flaps and a cover flap, a rigid supporting bar secured to the intermediate flap and a suspending bar pivoted on the supporting bar, clothes supporting means carried on the suspending bar, a handle at the outside of the wrapper and fastened to said supporting bar, and fastening straps carried by the handle for encircling the rolled wrapper.

1,641,748. SAMPLING APPARATUS AND SYSTEM. CLARENCE G. DRESSER, St. Francois, Mo., and FLOYD S. YOUTSEY, Collinsville, Ill. Filed Jan. 17, 1921. Serial No. 437,828. 33 Claims. (Cl. 73-21.)



1. In the art of sampling materials in which a cutter periodically takes a sample from a flowing stream, the process comprising, passing the cutter back and forth through the stream at a uniform velocity.
14. A sampling apparatus, comprising, a cutter, means for passing the cutter at a uniform velocity through the stream with an idle period when out of the stream, and means for varying the duration of the idle period.

1,641,749. VARIABLE CONDENSER. JACOB M. ENDERS, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Sept. 22, 1923. Serial No. 664,330. 4 Claims. (Cl. 175-41.5.)

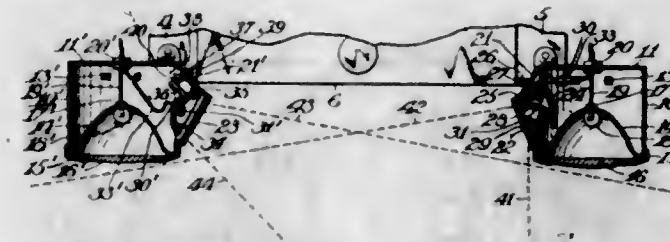


1. In an electric condenser a plurality of metal plates, each formed with a portion of the plate folded to form a boss on one side of the plate and with a different portion of the plate folded to form a boss on the opposite side of the plate, said plates being assembled in parallel relation so that the boss of one plate falls in juxtaposition with respect to the boss on the adjacent side of the next plate, whereby a spacing is insured between the plates greater than the height of either adjacent boss between any of the plates.

1,641,750. COMBINATION MOTOR-VEHICLE LAMP. JOHN F. FARMER, Indianapolis, Ind. Filed Aug. 11, 1925. Serial No. 49,593. 3 Claims. (Cl. 240-8.2.)

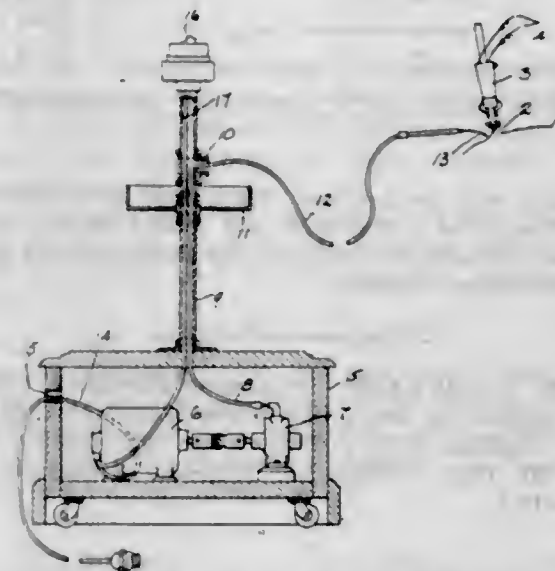
3. In a motor-vehicle lamp, the combination of a casing with a side window frame, the normally rearward portion of the frame being broader than the forward portion, a parabolic reflector arranged partially in the casing and having a longitudinally curved extension integral with the edge thereof and located in the casing, the opposite portion of the reflector being in the frame and hav-

ing a lip on its edge extending obliquely towards the end of the extension, a hinge secured to the inner side of the rearward portion of the frame and connected to the re-



lector adjacent to said lip, an arm secured to the back of the reflector, and an adjusting screw connected to said arm and to the rearward portion of said frame.

1,641,751. METHOD OF HAIR WAVING. SOL FISHER, Cleveland, Ohio. Filed Sept. 9, 1925. Serial No. 55,395. 2 Claims. (Cl. 132-36.)

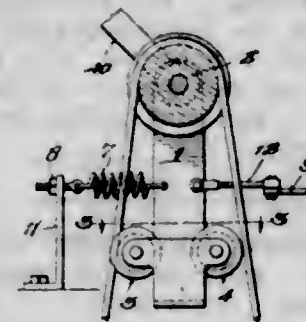


1. In a method of waving hair, the steps which consist in heating a coiled lock of hair while spraying a considerable volume of cool air between the scalp and the adjacent portion of such coiled lock.

1,641,752. OXIDATION-RESISTING MATERIAL. RUDOLPH F. FLINTERMANN, Detroit, Mich., assignor, by mesne assignments, to General Electric Company, a Corporation of New York. Filed Oct. 10, 1919. Serial No. 329,828. 4 Claims. (Cl. 75-1.)

4. A ferrous alloy having an aluminum content of approximately nineteen and one-half percent and from one to five percent of titanium.

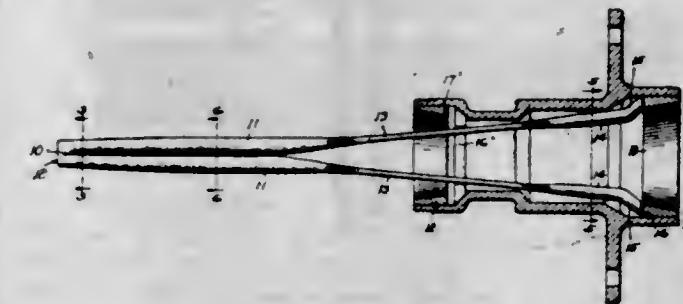
1,641,753. WINDSHIELD-WIPER-OPERATING MECHANISM. FREDERIC L. GERKE, Troy, N. Y. Filed June 3, 1924. Serial No. 717,662. 7 Claims. (Cl. 64-5.)



1. In combination with a fan belt and the upper pulley shaft thereof, a spring tensioned arm pivotally mounted on the shaft, an idler and a power transmitting pulley

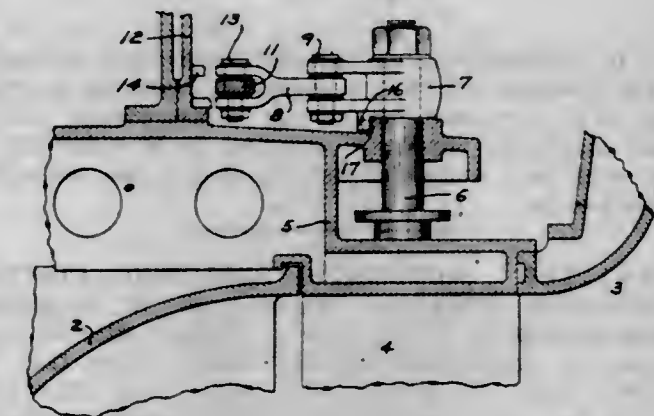
Journalled on the arm and disposed for alternate engagement with the opposed flights of the belt, a flexible shaft connected to the power transmitting pulley, and means to operate the arm to effect selective engagement of the pulleys thereof with the respective belt flight.

1,641,754. BUSHING REMOVER. SMITH GLOVER, JR., and AMOS L. GLOVER, Lonoke, Ark., assignors to Glover Tool Company, Little Rock, Ark., a Corporation of Arkansas. Filed Nov. 22, 1926. Serial No. 150,095. 6 Claims. (Cl. 29-88.2.)



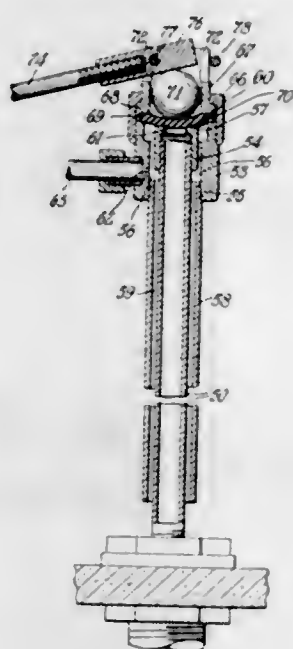
1. A bushing driving tool consisting of a single length of resilient rod metal bent centrally of its length in an abrupt bend to form a handle portion consisting of two parts of the rod arranged in contact throughout their length, the parts adjacent the bend being formed into an end for receiving blows from a percussive implement and being substantially rectangular in cross-section, the rod being provided with portions extending divergently from the handle forming portions and flattened to produce spring sections flatly rectangular in cross-section with their wide sides opposed, the rod being continued beyond the spring sections in short lengths of the original cross-section, the rod further having outwardly bent extremities having end surfaces normally in the same plane and angularly disposed with reference to the respective axes of said terminal portions.

1,641,755. HYDRAULIC TURBINE. EMIL GROSS, Wauwatosa, and EDWARD J. BRIKNER, Milwaukee, Wis., assignors to Allis-Chalmers Manufacturing Company, Milwaukee, Wis., a Corporation of Delaware. Filed July 12, 1926. Serial No. 122,026. 11 Claims. (Cl. 253-122.)



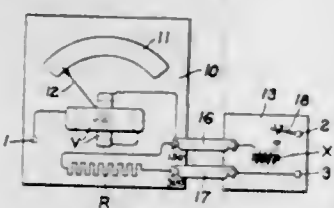
1. In combination, a rotor, a movable vane for directing fluid relative to said rotor, a sectional arm for actuating said vane, and a pair of connecting members uniting the sections of said arm, one of said members having a weaker cross section than the other.

1,641,756. INLET-VALVE MECHANISM. PHILIP HAAS, Dayton, Ohio. Filed Apr. 16, 1927. Serial No. 184,225. 4 Claims. (Cl. 137-104.)



2. In an inlet valve mechanism for flush tanks, the combination with the valve casing provided with a water inlet and outlet and an annular valve seat, of a flexible disc valve extending across said valve seat, a spherical vertical movable valve actuating member of non-corrodible material, said casing being provided with a cylindrical portion above the valve seat for guiding said spherical member in its vertical movements, and a float lever pivotally connected with said casing, and having a portion for engaging said spherical member in a direction to seat the valve.

1,641,757. COMBINED VOLTMETER AND PHASE-ROTATION INDICATOR. HORTON W. HALL, Lynn, Mass., assignor to General Electric Company, a Corporation of New York. Filed May 26, 1924. Serial No. 715,787. 6 Claims. (Cl. 172-245.)

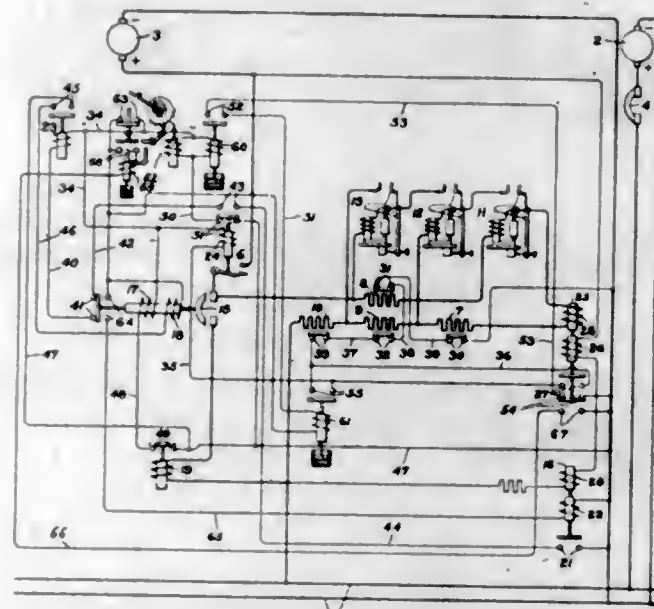


2. In combination, an alternating current voltmeter of the dynamometer type, a resistance connected in series with said voltmeter for voltage measurements and a phase modifying impedance arranged to be connected in series with said voltmeter and resistance for indicating phase rotation.

1,641,758. AUTOMATIC RECLOSING CIRCUIT-BREAKER SYSTEM. WILLIAM S. H. HAMILTON, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Dec. 27, 1923. Serial No. 683,061. 18 Claims. (Cl. 175-294.)

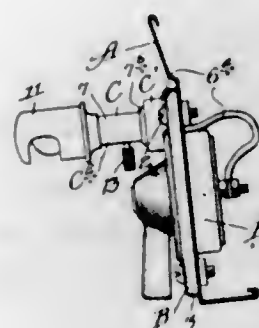
1. In an automatic reclosing circuit breaker system, a supply circuit, a load circuit, current limiting means, a circuit breaker arranged when closed to connect said current limiting means in series between said supply circuit and load circuit, a second circuit breaker arranged when closed to short circuit said current limiting means, means responsive to a predetermined relation between the voltages of said supply circuit and said load circuit when said first mentioned circuit breaker is

open for effecting the closing of said first mentioned circuit breaker, and means responsive to another predetermined relation between the voltages of said supply



circuit and said load circuit when said first mentioned circuit breaker is closed and said second mentioned circuit breaker is open for effecting the closing of said second mentioned circuit breaker.

1,641,759. DASH LAMP. WOLFGANG HERMANN, Chicago, Ill., assignor to Metal Specialties Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed Sept. 20, 1924. Serial No. 738,955. 5 Claims. (Cl. 240-816.)

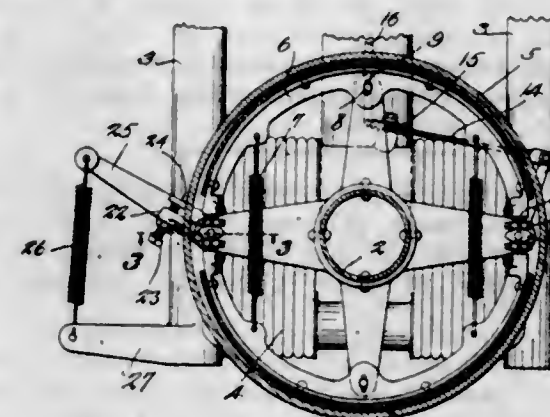


4. In combination, a metal dash provided with an opening, an instrument-plate detachably secured to said dash and covering said opening, and a dash lamp device comprising an electric connector and a supporting bracket, said bracket having a base portion upon which the connector is mounted and which bears against the front surface of the upper portion of the instrument-plate and said bracket having a web portion extending over the upper edge of the instrument-plate and an arm depending from said web portion, said arm having a portion engaging the rear surface of the instrument-plate and having a portion engaging the wall of the opening of said dash.

1,641,760. BRAKE FOR AIRPLANES. CLOICE B. HULL, Cleveland, Ohio. Filed May 13, 1926. Serial No. 108,897. 7 Claims. (Cl. 244-2.)

2. In an airplane structure the combination with supporting wheels and brake drums rotatable therewith, of brake shoes for cooperation with the drum, yielding means for holding the shoes normally disengaged from

the drum, means under the control of the pilot for shifting the shoes relative to the drums, and means operated by the weight of the airplane during the landing

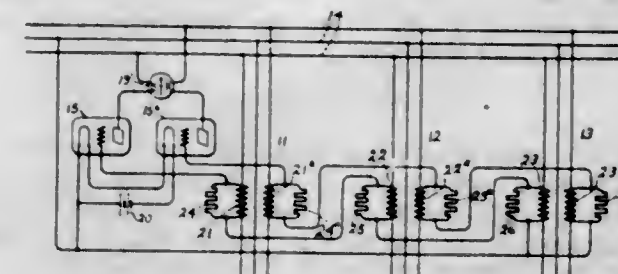


operation for completing the shifting of the shoes to apply them to the drums and arrest the rotation of the wheels.

1,641,761. CEMENT FOR INCANDESCENT-LAMP FILAMENTS. WALTER C. IELE, Euclid Village, Ohio, assignor to General Electric Company, a Corporation of New York. Filed Sept. 20, 1922. Serial No. 589,468. 5 Claims. (Cl. 176-38.)

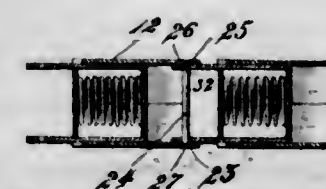
1. A preparation for uniting a carbon incandescent lamp filament to a leading-in wire consisting of finely divided graphite and red phosphorous suspended in a liquid.

1,641,762. SUMMATION METERING SYSTEM. BENJAMIN W. JONES, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Feb. 17, 1927. Serial No. 169,051. 9 Claims. (Cl. 171-34.)



1. Apparatus for obtaining a current proportional to the power flowing in an electric circuit comprising an electron discharge device having filament, grid and plate electrodes, connections for impressing a voltage between the filament and plate of said device which is proportional to the voltage of the circuit, and connections for producing a voltage between the filament and grid of said device which is proportional to the current flowing in the circuit.

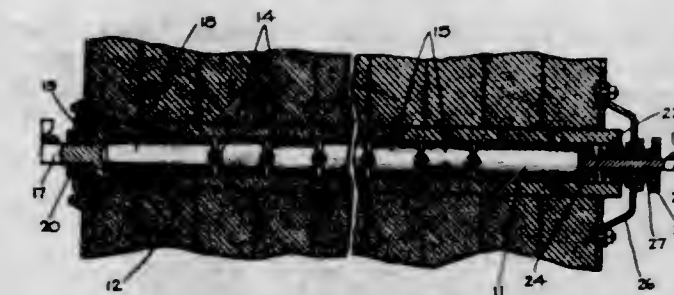
1,641,763. BRACELET. PERCIVAL W. JONES, Warwick, R. I., assignor to Rosenheim Co. Inc., Providence, R. I., a Corporation of Rhode Island. Filed Mar. 28, 1927. Serial No. 178,875. 4 Claims. (Cl. 59-79.)



1. An extensible chain structure comprising a series of units, each comprising a box link and a slide link therein, and means for detachably connecting the slide link of one

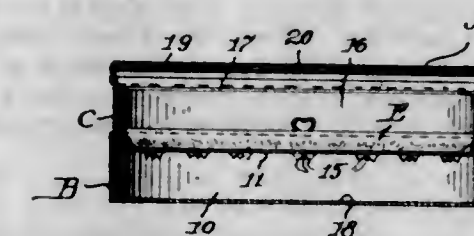
unit to the box link of the next unit including a pin extending through the slide link and into the box link, said pin being provided with means whereby it is interlocked with the box link by rotary movement.

1,641,764. ELECTRIC FURNACE. WILLIAM J. KEENAN, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Feb. 26, 1927. Serial No. 171,297. 6 Claims. (Cl. 204-64.)



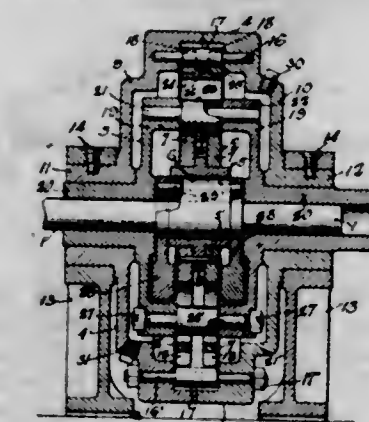
1. An electric furnace comprising heat refractory walls forming a heating chamber, supporting members provided with recesses secured to said walls on opposite sides of said chamber, bars forming heating elements extending across said heating chamber having their ends lying in said recesses, and electrically conducting spacing members for said bars in said recesses whereby said bars are electrically connected together to form a heating resistor.

1,641,765. POWDER DISPENSER. ALFRED J. KRANK, St. Paul, Minn. Filed Dec. 26, 1924. Serial No. 758,251. 2 Claims. (Cl. 132-82.)



1. A powder dispenser and compact including a pair of cup-like frictionally held telescoping members which form the exterior of said dispenser, the bottom of the inner member being formed with a series of punched openings having ragged edges adapted to form powder cutting means depending into the outer cup member, a cover for the inner cup member and a powder puff adapted to be contained within the inner member in position to receive the powder from the openings formed in the bottom of the inner member as it is dispensed therethrough.

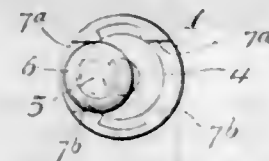
1,641,766. SPEED REDUCER. ALFRED LAUKHUFF, Shorewood, Wis. Filed Jan. 24, 1925. Serial No. 4,374. 8 Claims. (Cl. 74-35.)



1. In a speed reducer of the character described, the combination with a drive shaft, a driven member mounted for rotation about the axis of rotation of said shaft, and

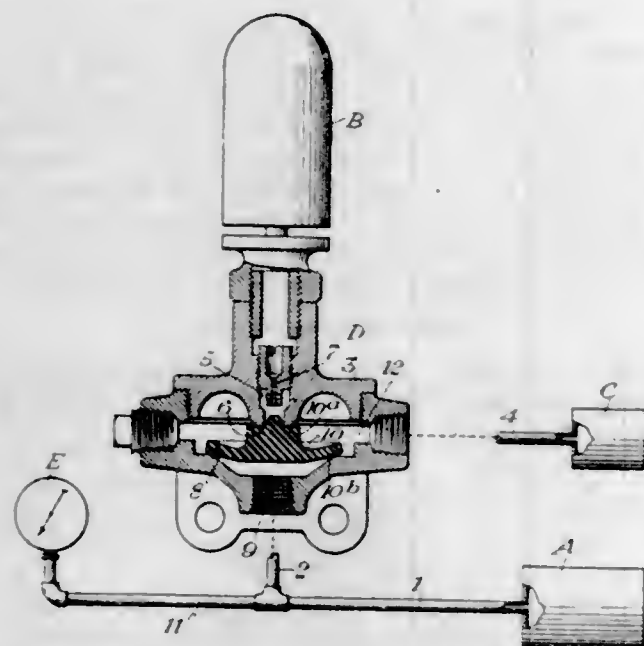
a casing, of a driving member comprising a flanged bushing eccentrically mounted upon said shaft and similarly shaped parts arranged at either side of said bushing and in concentric relation with respect thereto, the flange of said bushing being arranged between said parts, and means for holding said parts and bushing in assembled relation, said driving member cooperating with said casing and said driven member to effect differential rotary movement of the latter upon rotation of said shaft.

1,641,767. CYLINDER LOCK. CHARLES LEDIN, Stamford, Conn., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Filed Feb. 24, 1926. Serial No. 90,336. 4 Claims. (Cl. 70-46.)



2. In a cylinder lock, the combination of a shell or casing having an open slot at one end, a longitudinally movable and rotatable plug, a roller cam carried by said plug and normally entering said slot in the shell or casing, and a spring normally holding the plug in position to insure engagement of said cam roller in said slot.

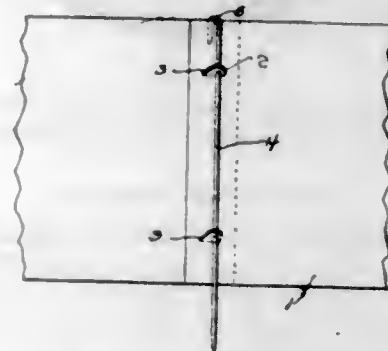
1,641,768. AUDIBLE SIGNAL FOR RAILWAY BRAKING APPARATUS. LLOYD V. LEWIS, Edgewood Borough, Pa., assignor to The Union Switch & Signal Company, Swissville, Pa., a Corporation of Pennsylvania. Filed July 17, 1926. Serial No. 123,085. 3 Claims. (Cl. 116-55.)



2. Train carried governing apparatus comprising a brake controlling reservoir which is normally charged with fluid pressure to prevent automatic application of the brakes but the pressure in which is reduced to brake applying value under unsafe traffic conditions at a rate dependent upon the speed of the train, a whistle, a whistle operating reservoir, a valve having a chamber communicating with said whistle operating reservoir and provided with two oppositely disposed seats communicat-

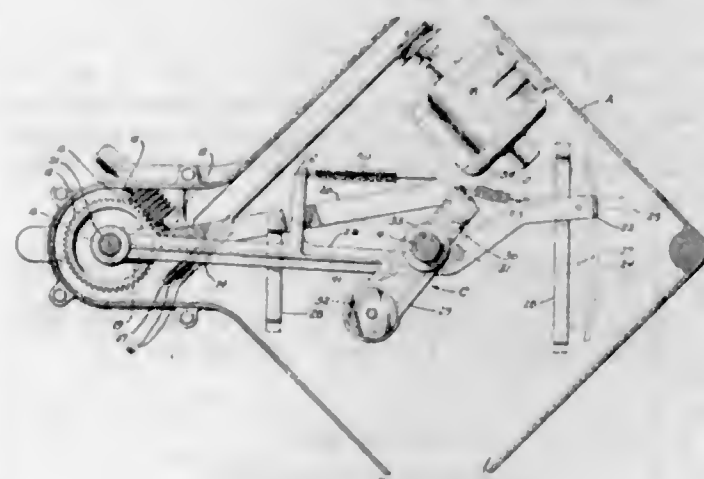
ing respectively with said whistle and said brake controlling reservoir, and a flexible valve member normally engaging both of said seats but capable of bending to permit charging the whistle operating reservoir while the pressure in the brake controlling reservoir is increasing and capable of bulging away from the whistle seat to vent the whistle operating reservoir to the whistle while the pressure in the brake controlling reservoir is decreasing.

1,641,769. BARRIER OR FENCE AGAINST LOCUSTS. NATALIO GUILLERMO MARENGO, Buenos Aires, Argentina. Filed June 19, 1925. Serial No. 38,387, and in Argentina Mar. 16, 1925. 2 Claims. (Cl. 256-21.)



2. A fence of the character described, embodying a plurality of rectangular metallic plates each of which is provided adjacent one edge with spaced horizontal slots, aligning apertured ears struck out from the plate adjacent the opposite end thereof and adapted to be engaged through the slots in an adjacent plate, and elongated prongs engaged through the aligning apertured ears for holding the adjacent plates together and having the upper end embracing the overlapped edges of the adjacent plates and the lower portion projecting beyond the lower edges of the plates and adapted to be engaged with the ground to facilitate the maintenance of the fence in an erect position.

1,641,770. DRIVING MECHANISM FOR WASHING MACHINES. FRANK MAUS, San Francisco, Calif., assignor to Johnson Wasner Company, Oakland, Calif., a Corporation of California. Filed Mar. 18, 1925. Serial No. 15,837. 5 Claims. (Cl. 74-14.)



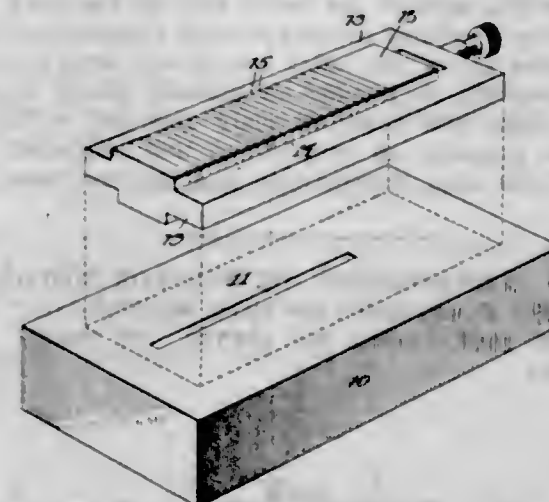
1. A driving mechanism for washing machines comprising a vertically disposed shaft, a main crank arm secured on the lower end thereof, a lever arm pivotally mounted in the outer end of the crank, an adjusting member movable substantially lengthwise of the main crank and lever arm, an intermediate crank pivotally mounted

on the adjusting member and slidable on the lever arm, and means for transmitting an oscillating movement to the intermediate crank and lever arm about the pivot on the adjusting member.

1,641,771. PROCESS FOR THE PRODUCTION OF GLUCOSE FROM MATERIALS CONTAINING CELLULOSE. LUDOLF MEILER and HEINRICH SCHOLLER, Munich, Germany. Filed Sept. 10, 1924. Serial No. 736,920, and in Germany Mar. 26, 1921. 12 Claims. (Cl. 127-37.)

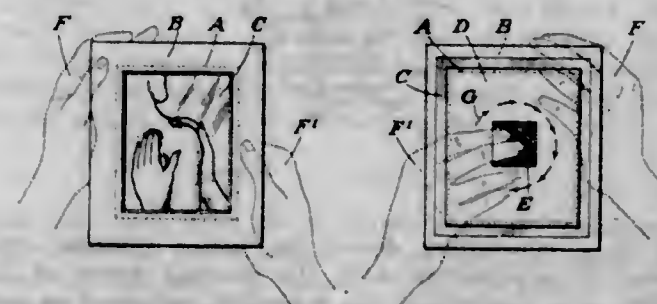
1. The process of producing glucose from cellulose-containing material, which comprises treating the material with a mineral acid, treating the resulting mixture to the influence of mineral acid gas under pressure, diluting the resulting mixture without precipitation, separating the undissolved materials from the soluble ones, diluting the solution causing a precipitation, separating the precipitated materials from the solution, treating the precipitated materials to form glucose and separating the glucose from the solution.

1,641,772. PRINTING ART. PHILIP P. MERRILL, Evanston, Ill., assignor to Ludlow Typograph Company, Chicago, Ill., a Corporation of Illinois. Filed Feb. 16, 1924. Serial No. 693,255. 12 Claims. (Cl. 199-47.)



1. In the art of molding printing-face-equipped bodies, molding thereon simultaneously with the molding of the printing faces, stop portions in such relation that upon the assembling of such bodies with said stop portions in engagement with each other, printing faces on said bodies align in a plane crosswise of said bodies.

1,641,773. EDUCATIONAL DEVICE. ALFRED E. MILLER, Kansas City, Mo. Filed May 4, 1925. Serial No. 27,779. 7 Claims. (Cl. 35-16.)

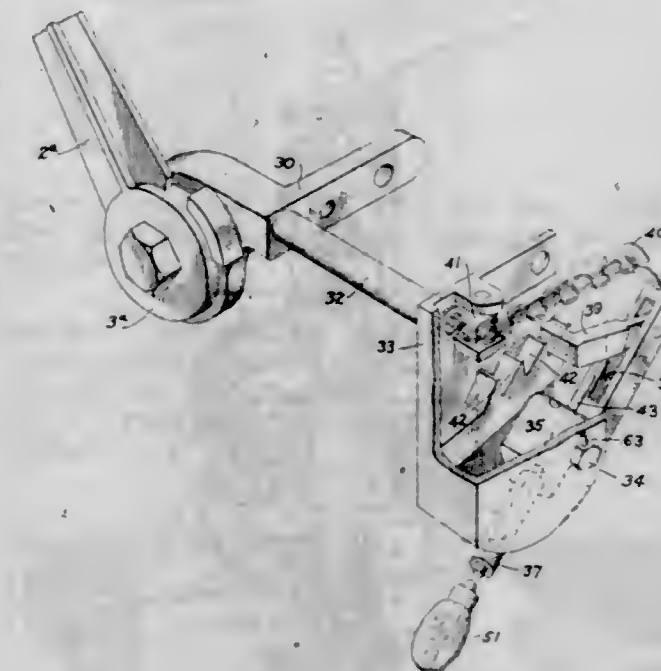


1. A device of the class described comprising a frame having an aperture, a transparent body attached to the frame and closing the aperture, a distortable diaphragm movable over the transparent body, a picture imprinted

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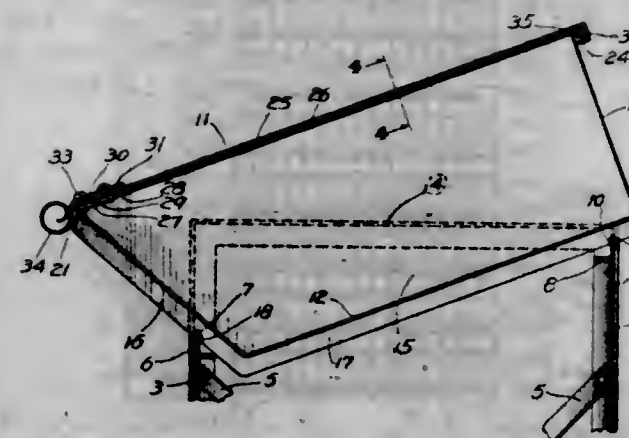
on the diaphragm, a backing plate, means attaching a selected area of the diaphragm to the backing plate, the backing plate being free to move across the plane of the frame.

1,641,774. DIRECTION INDICATOR. ROY H. MORRIS, Oakland, Calif. Filed Apr. 29, 1926. Serial No. 105,864. 2 Claims. (Cl. 116-52.)



1. A device of the character described comprising a casing, said casing having a cylindrical shaped chamber formed therein and a duct disposed on a tangent thereto and communicating therewith, an arm pivotally mounted on the casing concentric with the cylindrical shaped chamber and forming a cover therefor, a drum on the arm and extending into the cylindrical shaped chamber, a flexible member wrapped around the drum, one end of said flexible member being secured to the drum and the other or free end of the flexible member extending through the tangentially disposed duct and a manually operated mechanism whereby a pull is transmitted to the free end of the flexible member to swing the drum and arm to assume different positions.

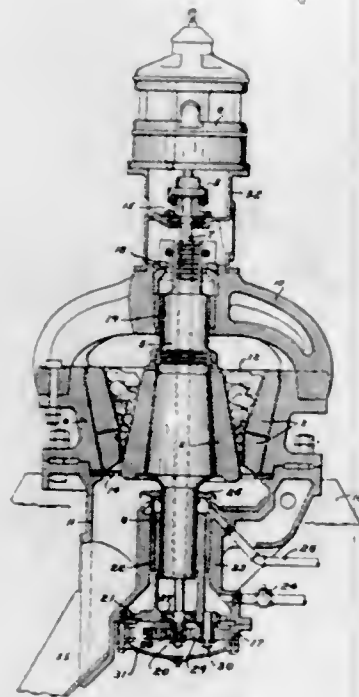
1,641,775. SERVICE BIN. HENRY MUENZENMAYER, Junction City, Kans. Filed Mar. 26, 1926. Serial No. 97,578. 7 Claims. (Cl. 220-41.)



1. A bin of the character described, comprising a container element and a cover slidably mounted on the container element and having a flexible handle in frictional

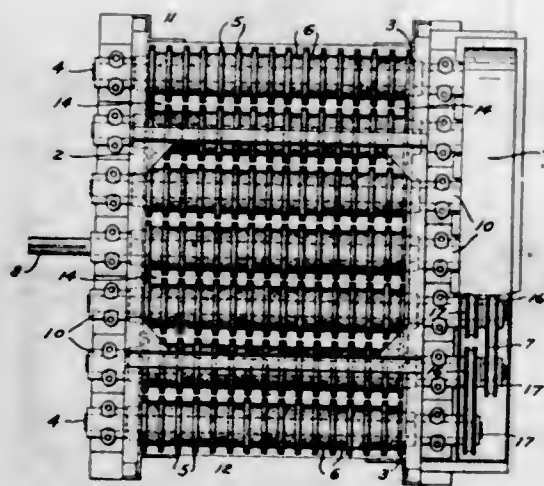
contact with the container element when the cover is in open position to maintain position of the cover relative to the container element.

1,641,776. CRUSHER. RAY C. NEWHOUSE, Wauwatosa, Wis., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis., a Corporation of Delaware. Filed Jan. 19, 1925. Serial No. 3,230. 12 Claims. (Cl. 83-10.)



1. In combination, relatively gyratable crushing members having a concentric end guide bearing, means disposed at one end of said members remote from said bearing for relatively gyrating the same, means disposed at the opposite end of said members for actuating said gyrating means, and speed reducing means disposed at said first mentioned end of said members and connecting said actuating and said gyrating means.

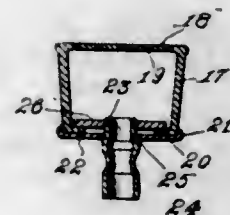
1,641,777. ROLL GRIZZLY. RAY C. NEWHOUSE, Wauwatosa, Wis., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis., a Corporation of Delaware. Filed May 6, 1925. Serial No. 28,372. 5 Claims. (Cl. 209-104.)



1. A grizzly comprising a plurality of rolls rotatable in the same direction about parallel axes to convey material thereover transversely of said axes, said rolls having

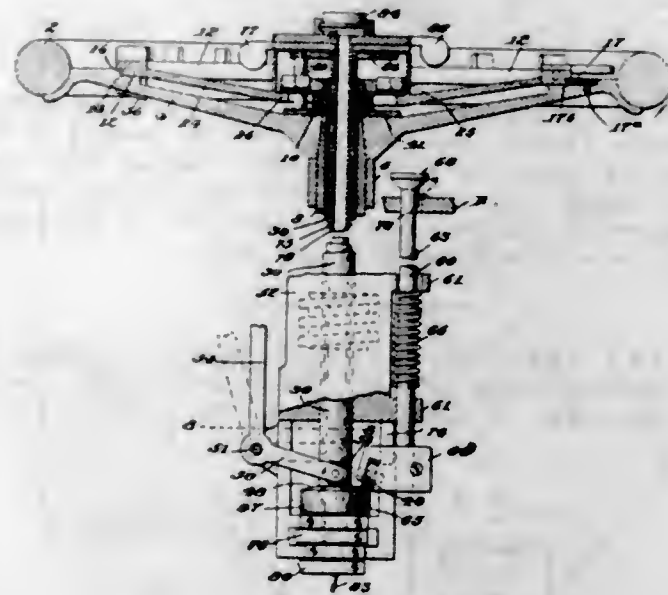
cooperating grooves faced with rubber and forming material sizing openings between the adjacent rolls, and the rubber facings being formed to yieldingly engage and to urge large pieces of hard material over the successive rolls.

1,641,778. SPRAYING DEVICE. JOHN H. OVERTON, Trenton, N. J. Filed May 1, 1925. Serial No. 27,239. 1 Claim. (Cl. 299-133.)



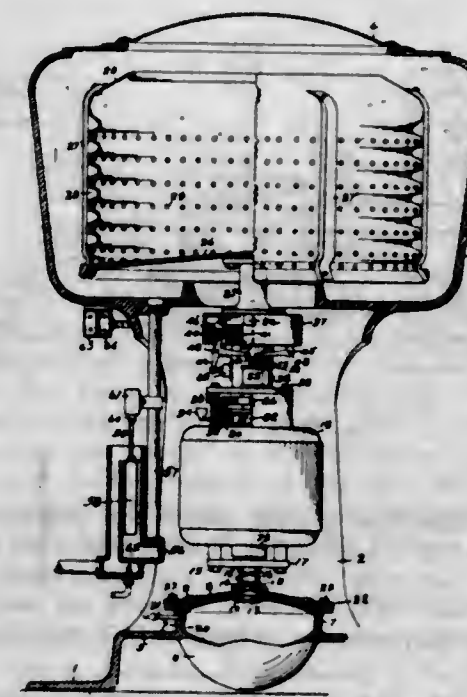
A spraying device comprising a spray head of substantially cylindrical contour and open at its bottom, said head being formed of flexible material and having a flat outer perforated wall adapted to be flexed outwardly by pressure within the head to increase the area of distribution of water passing through the perforations, a plate closing the open end of said head, and having a marginal flange bearing against the outer side of the head, said plate having a central opening therein adapted to receive a shouldered sleeve, the lower end of said head being extended inwardly to provide an annular flange reposing on said plate, and a second plate arranged within the head and threaded on said sleeve, and impinging said flange of the head therebetween and the first mentioned plate.

1,641,779. CONTROLLING DEVICE FOR MOTOR VEHICLES. JAMES HARALSON PACE, Scottdale, Ga. Filed Jan. 14, 1927. Serial No. 161,173. 10 Claims. (Cl. 74-39.)



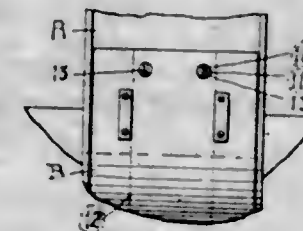
1. In a controlling device for motor vehicles, comprising in combination with the steering wheel of the vehicle, of a controlling ring rotatably supported on said steering wheel, and connections whereby said ring controls the gas supply, said connections including means for applying pressure yieldably to force said ring against the spokes of the steering wheel at diametrically opposite points.

1,641,780. EXTRACTOR. HARRY J. PARKER, San Francisco, Calif., assignor of one-fourth to Karl Tritscheller, San Francisco, Calif. Filed Sept. 22, 1925. Serial No. 57,813. 17 Claims. (Cl. 210-72.)



3. An extractor having a vertical shaft gyratably mounted upon a pneumatically supported diaphragm, and means for driving said shaft.

1,641,781. LOAF CREAMING AND CUTTING APPARATUS. EDWARD T. PARSONS, Upper Montclair, N. J., assignor to Thomson Machine Company, a Corporation of New Jersey. Filed Sept. 18, 1926. Serial No. 136,206. 6 Claims. (Cl. 107-9.)

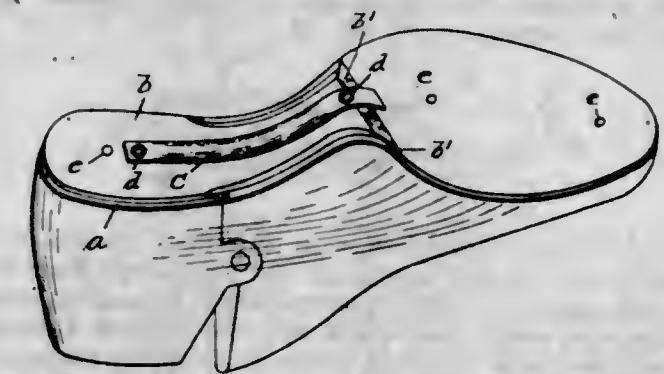


2. The combination with a dough moulding machine including a compression plate and a cooperating kneading member to receive and roll a piece of dough between them into cylindrical form, of a device mounted on said compression plate and projecting from the kneading surface thereof to circumferentially crease or groove said cylindrical piece of dough, one end of said device being formed to hook over one end of said compression plate, said device and said compression plate having registering openings, and fastening members arranged in said openings to secure said device on said plate.

1,641,782. METHOD OF MAKING SHOES. GEORGE M. RAY, Newton Center, Mass. Filed Nov. 11, 1926. Serial No. 147,801. 2 Claims. (Cl. 12-142.)

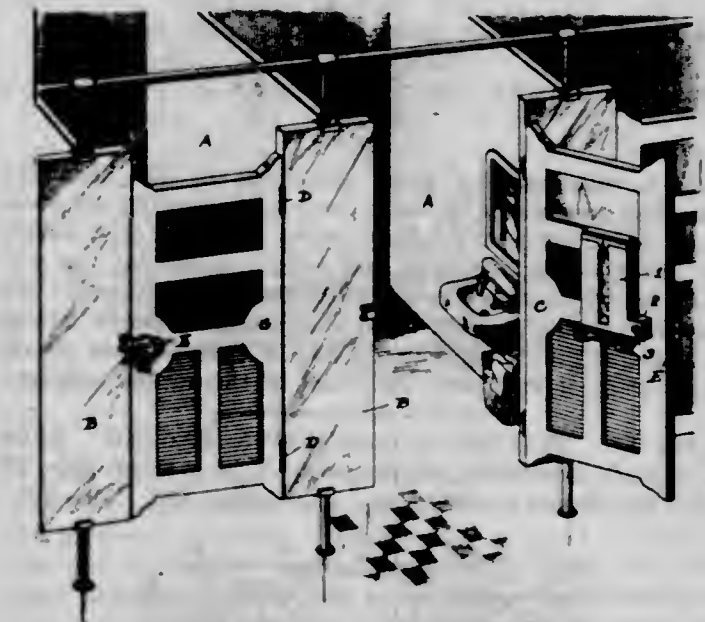
1. The method of making shoes of the type described which consists in attaching an inflexible shank-stiffener strip, which is curved longitudinally according to the longitudinal curvature of the shank-portion of the last on which the shoe is to be made, to an initially flexible innersole, in predetermined relation, so that the latter is

shaped throughout its shank portion to correspond to the longitudinal curvature of the strip, then positioning the innersole on the last bottom and securing the same



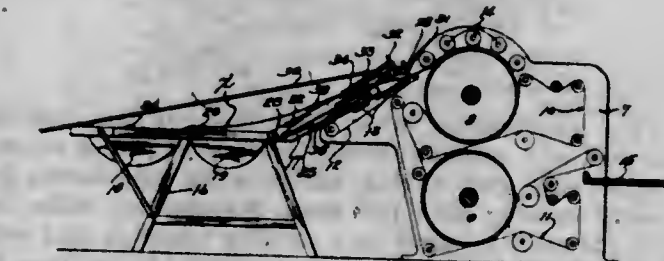
thereto at each end of the strip, and then lacing the upper onto the innersole, and completing the making operation.

1,641,783. DISPENSING APPARATUS AND MEANS FOR OPERATING SAME. LOUIS ROTHSCHILD, Philadelphia, Pa., and EVERETT G. CLEMENTS, Washington, D. C. Filed Sept. 24, 1926. Serial No. 137,594. 4 Claims. (Cl. 211-8.)



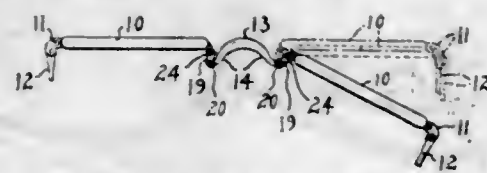
1. In combination with a door latch mechanism and an article dispensing device, actuating means for the dispensing device operatively connected to said latch mechanism, whereby said dispensing device actuating means is operated upon actuation of said latch mechanism.

1,641,784. PIECE FEEDER FOR FLATWORK IRONERS. LEE R. SAGER and RAYMOND H. MITCHELL, Minneapolis, Minn. Filed Dec. 13, 1926. Serial No. 154,399. 11 Claims. (Cl. 68-9.)



1. In a feeder of the kind described, the combination with a frame, of a carrier having a piece-holding clamp and mounted on the frame for movement to and from a piece-releasing position, means for releasing the clamp, and a piece-holding basket on the frame from which a piece is drawn by the carrier during its movement to the piece-releasing position.

1,641,785. OPHTHALMIC MOUNTING. HARRY A. SANGREN, Southbridge, Mass., assignor to American Optical Company, Southbridge, Mass., a Voluntary Association of Massachusetts. Filed Dec. 18, 1925. Serial No. 76,224. 5 Claims. (Cl. 88-42.)



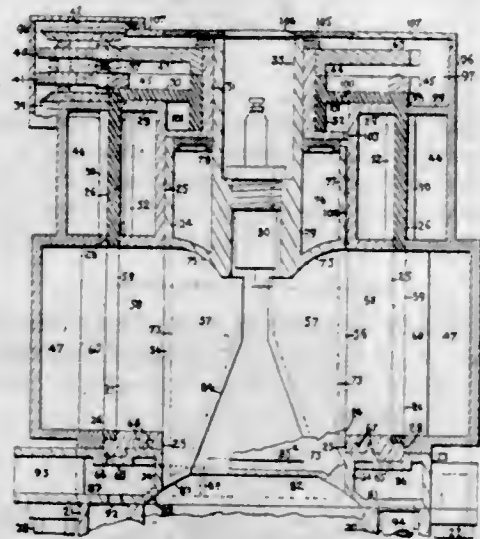
5. In a device of the character described, a bridge having a pivotal bearing member, a lens rim having a pivotal bearing member, a link member having pivotal bearings adapted to engage the bridge and rim member bearings respectively, and clamping means to hold the respective bearings together and to permit pivotal adjustment about the respective pivotal bearings.

1,641,786. GAME APPARATUS. WILLIAM F. SCHACHT, Huntington, Ind. Filed Feb. 8, 1927. Serial No. 166,743. 4 Claims. (Cl. 273-100.)



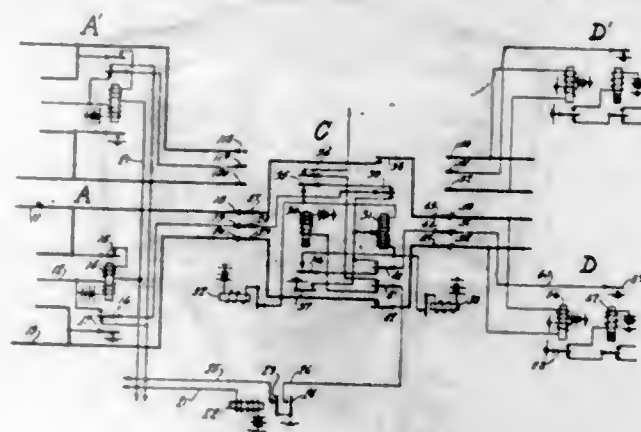
1. A ring pitching game apparatus of the character specified comprising a board having a plurality of openings; a plurality of resilient socket members each having a thin flat disk-like base and having a central lug portion inserted from the back of the board through the openings; the lug portion of each socket member having a bore; a pin in said bore; and a sheet affixed to the back of the board over the bases of the socket members.

1,641,787. INTERNAL-COMBUSTION ENGINE. BURNHAM C. STICKNEY, Rutherford, N. J. Filed Feb. 21, 1924. Serial No. 694,208. 29 Claims. (Cl. 123-190.)



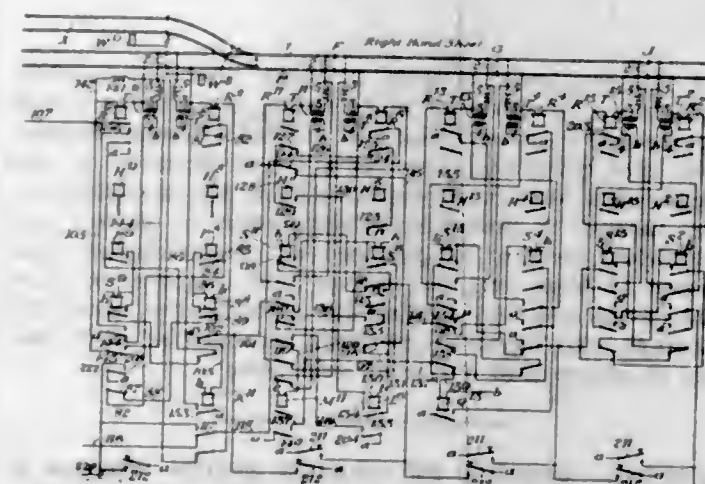
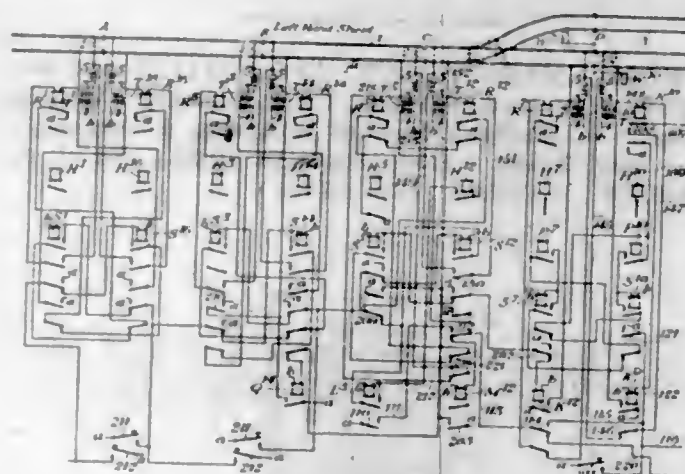
1. The combination with a ported circular internal valve seat, of a revoluble ported valve shell fitting around the same, said shell having hollow walls, and having inlet ports opening into the space between its walls, to enable the shell to serve as a heating reservoir and conduit for the fuel mixture, and to enable the mixture to cool the shell, said inlet ports being one in the inner side wall and one in the outer side wall, and formed in different regions of the shell, so that space between the walls serves as a lateral passage from one port to the other, said shell also having a perforated port for the exhaust, and a co-operative oppositely rotated valve shell fitted over said shell and ported to co-operate therewith.

1,641,788. AUTOMATIC TELEPHONE SYSTEM. ALBERT THOMAS and CLAUDIUS STEWART, Paris, France, assignors, by mesne assignments, to Automatic Electric Inc., Chicago, Ill., a Corporation of Delaware. Filed Oct. 14, 1921, Serial No. 507,660, and in France Dec. 9, 1920. 12 Claims. (Cl. 179-18.)



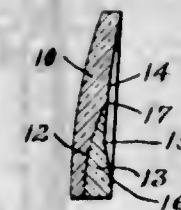
1. In a telephone system, means for connecting a calling and called line including directly connected and simultaneously operably forward and backward selecting switches, individual operating magnets for said switches, and a test relay common to both of said switches.

1,641,789. RAILWAY-TRAFFIC-CONTROLLING APPARATUS. HOWARD A. THOMPSON, Wilkesburg, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a Corporation of Pennsylvania. Filed Aug. 6, 1924. Serial No. 730,409. 17 Claims. (Cl. 246-34.)



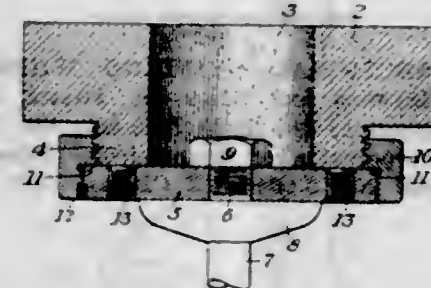
11. In combination, a stretch of railway track, a signal for controlling traffic through said stretch and controlled by track circuit current in said stretch, and means effective when a train approaches said stretch in the direction in which the signal governs for supplying track circuit current to said stretch.

1,641,790. MULTIFOCAL LENS. EDGAR D. TILLYER, Southbridge, Mass., assignor to American Optical Company, Southbridge, Mass., a Voluntary Association of Massachusetts. Filed Oct. 20, 1924. Serial No. 744,781. 2 Claims. (Cl. 88-54.)



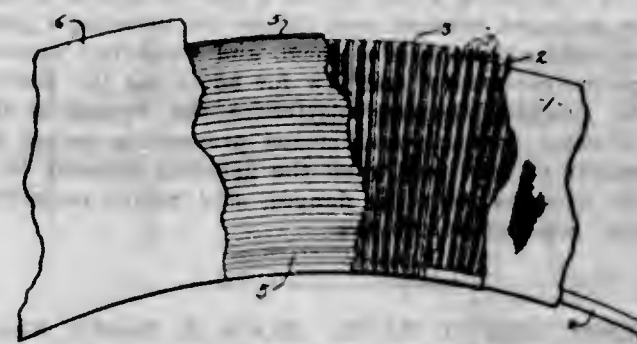
1. A multifocal lens comprising a focal field of a single piece of glass having a distance curvature on the multifocal side thereof, a second focal field comprised of a separate piece of glass of different index of refraction from the first piece of glass superimposed on the first piece of glass and having the same surface curvature on the multifocal side thereof as the first piece of glass, and a third focal field composed of the said two pieces of glass but having a different surface curvature on the said multifocal side from that of the other fields.

1,641,791. GRINDING WHEEL AND HOLDER THEREFOR. FRANK J. TONE, Niagara Falls, N. Y., assignor to The Carborundum Company, Niagara Falls, N. Y., a Corporation of Pennsylvania. Filed June 23, 1925. Serial No. 39,103. 4 Claims. (Cl. 51-209.)



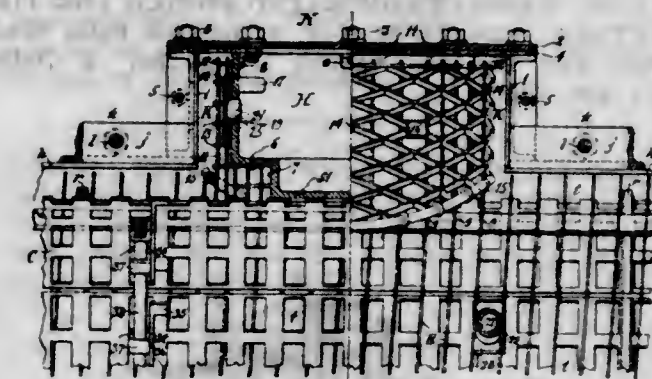
1. In a grinding wheel, a disk composed of bonded abrasive grains having a reduced hub portion on one face, said hub being externally threaded, and a metal holder screwed onto said externally threaded hub portion.

1,641,792. PNEUMATIC TIRE. LESTER E. TROTTER, Augusta, Kans. Filed Jan. 18, 1923. Serial No. 613,428. 1 Claim. (Cl. 152-13.)



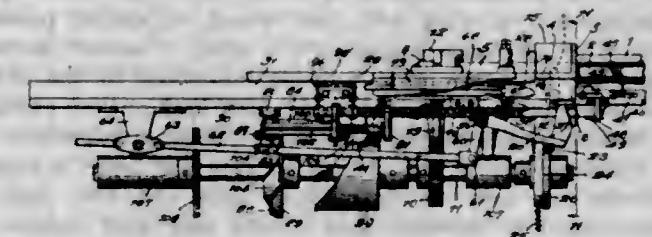
A tire comprising a fabric lining having a fluted cushion vulcanized thereto, the flutes transversely positioned to the tire, beads engaging with the edges of said lining, rubber insulated cords snugly fitting in said flutes and having a limited movement therein, said cords looping around the bead, a plurality of cords extending transversely on the first said cords, elastic rubber between said cords as resilient connecting means for the adjacent portions of the cords and the edges of the webbing between the flutes or cords.

1,641,793. HOLLOW STRUCTURE OF PLASTIC MATERIAL AND PROCESS AND MEANS FOR PRODUCING THE SAME CENTRIFUGALLY. CHARLES WILLIAM WATSON, St. Kilda, Victoria, Australia. Filed July 16, 1926, Serial No. 122,819, and in Australia Apr. 29, 1926. 24 Claims. (Cl. 25-30.)



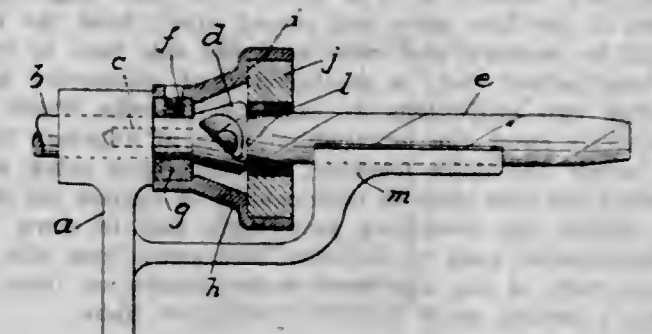
1. In the process of centrifugally producing a hollow branched structure of plastic material, moulding simultaneously the trunk and the/or each branch integrally to make the complete structure homogeneous.

1,641,794. CARTON-CLOSING MECHANISM. WALTER S. WEBER, Reading, Pa., assignor to Wm. H. Luden, Inc., Reading, Pa., a Corporation of Pennsylvania. Filed May 15, 1926. Serial No. 109,208. 16 Claims. (Cl. 93-6.)



1. A machine for closing the flaps of a carton, comprising a guideway, a member for moving a carton along the guideway, movable means on said member for folding one end flap of the carton, other means for closing the other end flap of the carton as the latter moves along the guideway, means for folding and creasing the back flap of the carton, and means for inserting the tongue of the back flap into the carton.

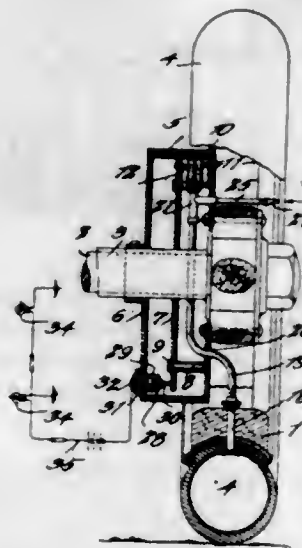
1,641,795. CIGAR-FINISHING DEVICE. HARRY P. WURMAN, Brooklyn, N. Y., assignor to Bayuk Cigars Incorporated, Philadelphia, Pa., a Corporation of Maryland. Filed Apr. 30, 1925. Serial No. 26,849. 9 Claims. (Cl. 131-39.)



9. A device for finishing cigars comprising a rotatable shaft, a cup-shaped element for the reception of the end of a cigar mounted on said shaft, a collar mounted on said shaft, a casing removably secured to said collar and enclosing said cup-shaped element, a disc having a central aperture in line with said cup-shaped element removably mounted on said shaft.

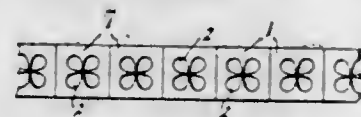
secured within said casing adjacent the end of said cup-shaped element, an annular brush having brushing elements on its inner periphery secured in the aperture in said disc, and means to rotate said shaft.

1,641,796. PRESSURE-OPERATED SWITCH FOR TIRE METERS. CARLTON W. AUE, Snoqualmie Falls, Wash. Filed Mar. 13, 1926. Serial No. 94,550. 2 Claims. (Cl. 200-58.)



2. In a pressure operated switch for tire meters, a rotating disk moving with the wheel, a spring pressed contact at all times engaging the disk, a second contact projecting from the disk, a lever connected to the other side of the circuit and movable into and out of engaging relation with the second contact, means responsive to the pressure within the tire to operate the lever, a nipple whereby air may be introduced into the tire, and a communication between said nipple and said means to cause the means to respond to the pressure of air being introduced into the tire.

1,641,797. LINK BRACELET. CHARLES H. BATCHELDER, North Attleboro, Mass. Filed July 31, 1926. Serial No. 126,226. 1 Claim. (Cl. 59-80.)

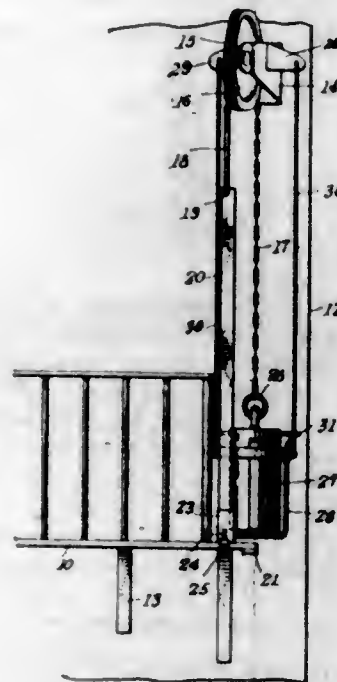


The chain or bracelet above described, made up of a multiplicity of links each comprising a face plate and parallel side bars upon the inside of the face plate respectively secured at and parallel to the longitudinal sides of the face plate and spaced apart from the face plate by perpendicular ends upon the side bars to form a longitudinal slot; a multiplicity of connectors each having two projections at each of its ends which respectively enter the longitudinal slots of adjacent links to secure the links together, the side bars being bent toward the face plate at their middle to narrow the slots to confine the connector projections and to draw the perpendicular ends of the side bars away from the opposed ends of the side bars of the companion links, to form a flexing space between companion links.

1,641,798. SAFETY DEVICE FOR FIRE ESCAPES. ERNEST BOCCINO, Newark, N. J. Filed Nov. 24, 1926. Serial No. 150,454. 4 Claims. (Cl. 227-5.)

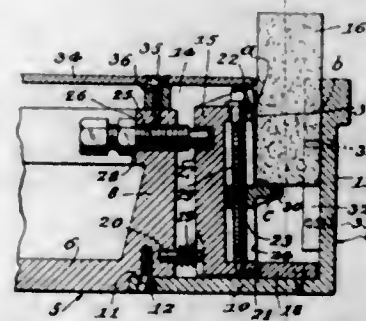
1. In combination with a fire escape platform and a ladder movable vertically at one end of the platform,

of means to guide said ladder, means for counterbalancing the greater portion of the weight of said ladder, and a catch adjustably carried by said ladder to support



the excess weight thereof, said catch normally engaging one of the platform elements to be displaced therefrom upon exerting lateral pressure on said ladder.

1,641,799. SECTIONAL GRINDING WHEEL. PAUL HERMAN BRANDES and JOHN W. ADAMS, Bridgeport, Conn., assignors to The Springfield Mfg. Co., Bridgeport, Conn., a Corporation of Connecticut. Filed Aug. 31, 1925. Serial No. 53,646. 8 Claims. (Cl. 51-209.)

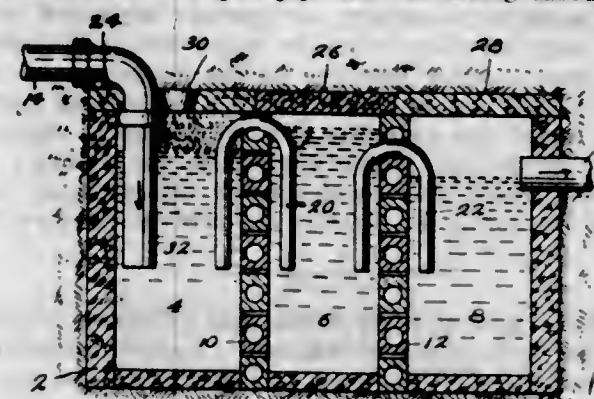


1. In a grinding wheel having a pair of spaced flanges, a jaw arranged between said flanges for pressing a grinding element against one of them, and separately operable means carried by said jaw for adjusting the position of the grinding element relative to the flanges to feed the element forward, and means preventing casual displacement of said jaw when the grinding element is removed from between the flanges, said means permitting manual removal of the jaw.

1,641,800. SEPTIC TANK. ELMER E. BROWN, Kansas City, Mo., and MARK C. DIXON, Kansas City, Kans. Filed July 6, 1926. Serial No. 120,682. 1 Claim. (Cl. 210-5.)

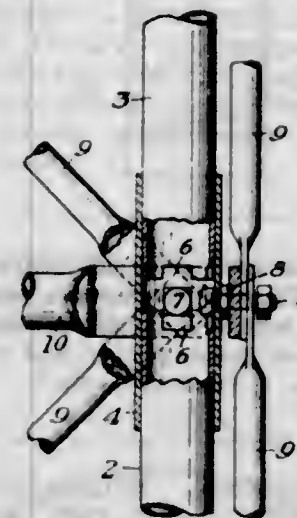
An apparatus of the character described consisting of a tank, a cover to said tank, two hollow porous partitions extending from the bottom of the tank to said cover and dividing the tank into three compartments, an inlet to the initial compartment and provided with a downward extension, an inverted U-shaped pipe extending through the upper portion of one partition to establish communication between the initial and intermediate com-

partments, a second inverted U-shaped pipe arranged at a slightly lower level than the upper portion of the first-mentioned U-shaped pipe and extending through the



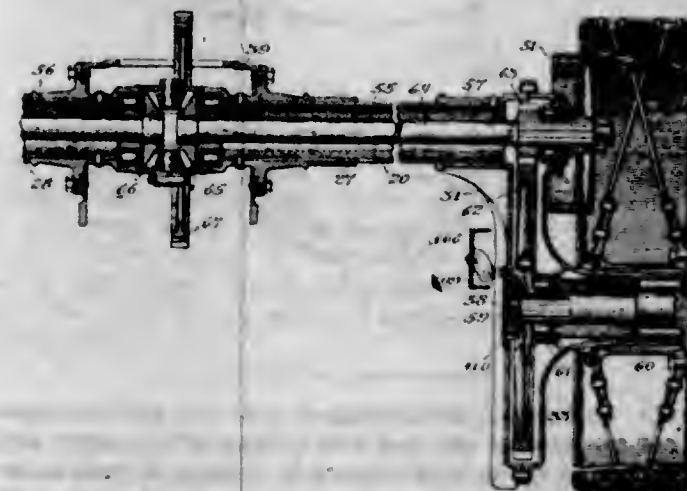
second partition, and an outlet to the last compartment arranged at a slightly lower level than the upper portion of the second U-shaped pipe.

1,641,801. JOINT FOR STRUCTURAL TOWERS. BUSH W. CONNELLY, Pittsburgh, Pa., assignor to Dravo Equipment Company, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed Jan. 19, 1927. Serial No. 162,029. 5 Claims. (Cl. 189-19.)



1. A joint for tubular structural elements and the like including a sleeve, a bolt passing through the sleeve, and a notched leg element extending within the sleeve with the notch therein engaging the bolt and holding the bolt against rotation.

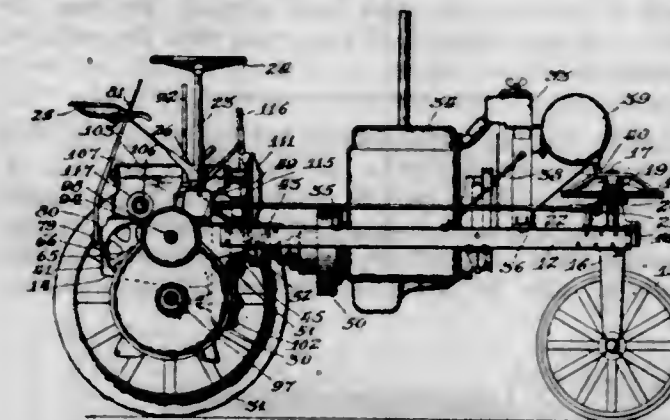
1,641,802. TRACTOR. PHILO H. DANLY, Chicago, Ill., assignor to International Harvester Company, Chicago, Ill., a Corporation of New Jersey. Filed Apr. 17, 1922. Serial No. 553,430. 5 Claims. (Cl. 180-27.)



1. In a tractor, the combination of parallel frame members, a laterally extended hollow axle secured near its central portion to one end of said members, depending housings having upper portions fixed to the ends of said axle and having outwardly projecting hollow trun-

nions thereon located below the axle, traction wheels fixed to stub axles journaled in the trunnions, a differential shaft journaled in the axle and extending through the housings, brakes on the ends of said shaft outside each housing, drive pinions on the shaft within each housing, driving gears in mesh with said pinions and fixed on the stub axles, an engine supported between and partly below the frame members, and a steering wheel having a vertical standard journaled between the front end of the frame members.

1,641,803. TRACTOR. PHILO H. DANLY, Chicago, Ill., assignor to International Harvester Company, Chicago, Ill., a Corporation of New Jersey. Filed Mar. 22, 1923. Serial No. 626,732. Renewed July 25, 1927. 12 Claims. (Cl. 180-53.)

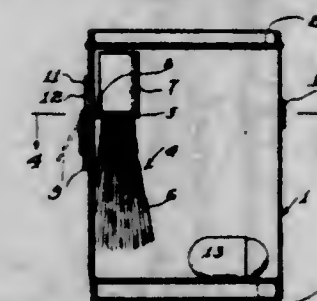


1. In a tractor, a rear axle casting having a hollow body compressing a housing, a change speed transmission gearing in the housing, a differential gear mechanism including differential shafts in the housing, a pulley shaft journaled in the housing and projecting therefrom and operable by the change speed transmission gearing, and a power take off shaft also journaled in the housing and projecting therefrom and also operable by the change speed transmission gearing.

1,641,804. PROCESS FOR BREAKING PETROLEUM EMULSIONS. MELVIN DE GROOTE, St. Louis, and WILBUR C. ADAMS, University City, Mo., assignors to Wm. S. Barnickel & Company, Webster Groves, Mo., a Corporation of Missouri. Filed Aug. 11, 1926. Serial No. 128,707. 12 Claims. (Cl. 196-4.)

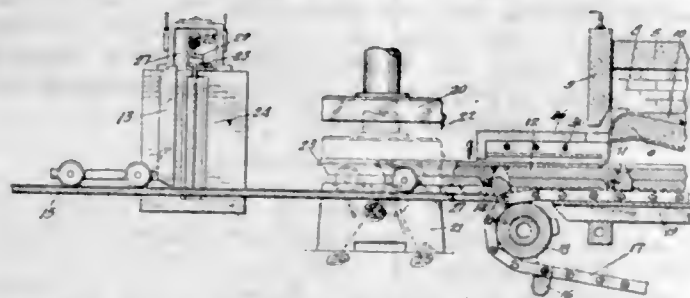
1. A process for breaking or separating petroleum emulsions, characterized by subjecting the emulsion to the action of a condensation product containing two soap-forming radicals and a sulphonated polycyclic aromatic chemically combined.

1,641,805. SANITARY SHAVING CUP. ABRAHAM J. EISENBERG, Chicago, Ill. Filed Feb. 11, 1927. Serial No. 167,516. 1 Claim. (Cl. 206-47.)



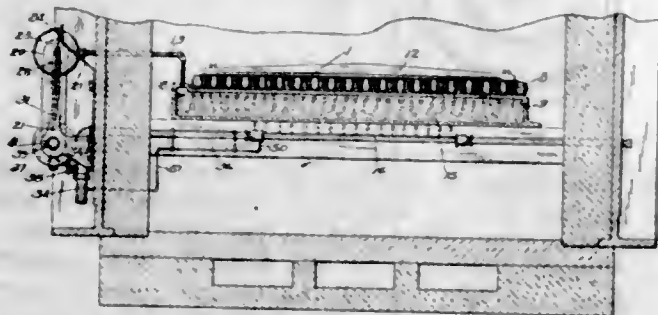
In a sanitary shaving cup of the class described having a perforated body, a wire passing through the body of the cup on line with the perforations, the portion of the wire inside the cup adapted to support a shaving brush, the end outside the cup being bent downwardly and sealed in place by a band pasted around the body of the cup along the line of perforations.

1,641,806. METHOD OF PRODUCING PRESSED SHEET GLASS. ENOCH T. FEENGEN, Toledo, Ohio, assignor to The Libbey-Owens Sheet Glass Company, Toledo, Ohio, a Corporation of Ohio. Filed Nov. 24, 1924. Serial No. 751,820. 20 Claims. (Cl. 49-87.)



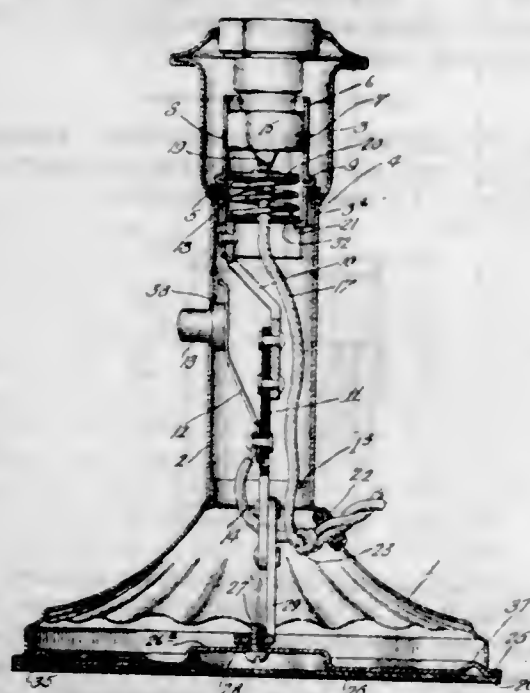
1. The process of producing sheet glass, consisting in flowing a quantity of glass into a mold, pressing the quantity of glass into sheet form, and then fire-polishing the same.

1,641,807. CONSTANT-TEMPERATURE HEATER FOR SHEET-GLASS-DRAWING MACHINES. WILLIAM A. GIBSON, Charleston, W. Va., assignor to The Libbey-Owens Sheet Glass Company, Toledo, Ohio, a Corporation of Ohio. Filed Mar. 2, 1923, Serial No. 622,252. Renewed Mar. 22, 1926. 23 Claims. (Cl. 49-17.)



15. In a sheet glass drawing machine, a hollow container adjacent the path of travel of the sheet, a mass of material in the container whose melting point is slightly higher than the temperature at which the sheet is to be maintained, and means for keeping the material in a partially melted condition.

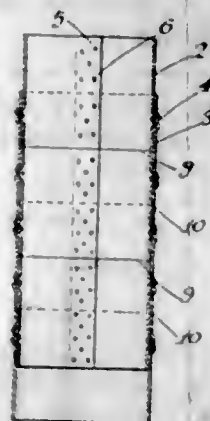
1,641,808. ELECTRIC CIGAR LIGHTER. JAMES J. GOGGH, Chicago, Ill., assignor to Chicago Electric Manufacturing Co., Chicago, Ill., a Corporation of Illinois. Filed Nov. 26, 1926. Serial No. 150,842. 10 Claims. (Cl. 219-32.)



1. In an electric appliance of the class described, an upright tubular casing; a socket insertible in the casing

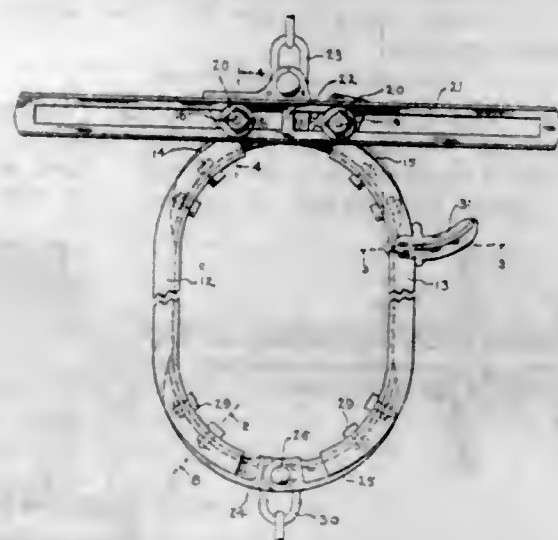
from the upper end of the latter; means interposed between the socket and the casing for relatively insulating these parts and for limiting the downward movement of the socket in the casing; an insulator supported by the holder and extending below the latter within the casing; a switching member mounted on the insulator and movable into and out of contact with a conducting portion of the socket, the switching member having an actuating portion projecting laterally through the casing; and anchoring means interposed between the insulator and a part of the casing for drawing the insulator downwardly.

1,641,809. METHOD OF FORMING OUTSIDE DOUBLE PICKS ON ROUND SEAMS. ADOLPH GUENTHART, Wilmar, Calif. Filed Jan. 5, 1926. Serial No. 79,496. 12 Claims. (Cl. 153-10.)



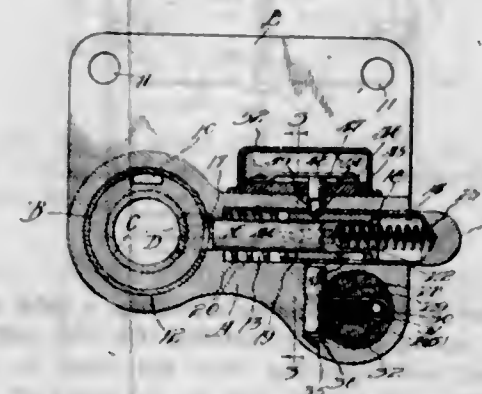
5. The method of making outside double picks on round seams, comprising positioning tubular sections concentric one to the other and in close engagement, forcing metal outwardly in a small annular ring, and at the same time holding the central portion inwardly.

1,641,810. STANCHION. WILLIAM GUTENKUNST, Milwaukee, Wis. Filed Jan. 11, 1926. Serial No. 80,540. 5 Claims. (Cl. 119-147.)



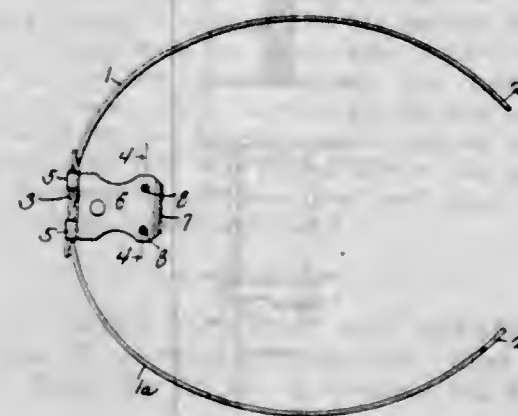
1. A stanchion, comprising a pair of vertical arms hinged together at one end and closing at the other end, an elongated guide member loosely carried by said arms, there being a slot and projection engagement between said guide member and the side portions of the closing ends of said arms, and locking means for releasably holding said arms in closed position, the arms being movable in said guide member, and the guide member being movable on the arms.

1,641,811. AUTOMOBILE LOCK. ORVILLE S. HERSEY, Chicago, Ill., assignor to Hershey Manufacturing Company, Chicago, Ill., a Corporation of Colorado. Filed Dec. 12, 1923. Serial No. 680,088. 2 Claims. (Cl. 70-127.)



1. In combination with a rotatable shaft having a slot, a lock therefor in which is included a slidable bolt adapted to enter the slot when the latter is aligned with the bolt, a control means for the bolt movable independently thereof, said control means including a plunger in which the bolt is telescoped, and a spring tending to eject the bolt from the plunger, and a switch having a connection with the control means and adapted to be operated thereby independently of the bolt, substantially as described.

1,641,812. MEMORANDA HOLDER FOR HATS. THOMAS JOHNSON, Los Angeles, Calif. Filed July 26, 1926. Serial No. 125,066. 3 Claims. (Cl. 34-3.)

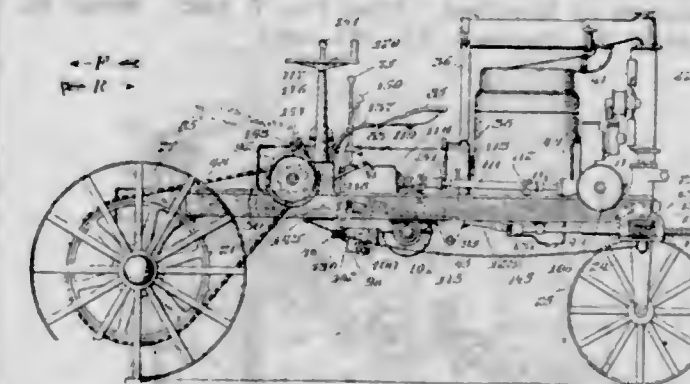


1. A memoranda holder for a hat or cap comprising a straight thin elastic wire offset at its ends to hold it in alignment when applied in the crown of a hat and adapted when flexed to nest snugly within said crown, and a memoranda clamp with indented jaws fixed midway the ends of the wire to securely retain temporary memoranda.

1,641,813. TRACTOR. EDWARD A. JOHNSTON and PHILO H. DANLY, Chicago, Ill., assignors to International Harvester Company, Chicago, Ill., a Corporation of New Jersey. Filed Nov. 12, 1921. Serial No. 514,516. 12 Claims. (Cl. 180-18.)

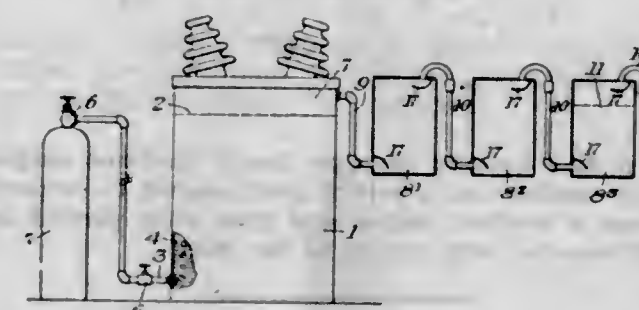
9. The combination with a tractor having an elevated frame structure comprising a transverse member with depending side portions fixed to the ends thereof, traction wheels mounted on the outer sides of said side portions

and means on the frame including a variable speed transmission for driving said wheels, of an implement driving shaft journaled in a frame on a horizontal plane



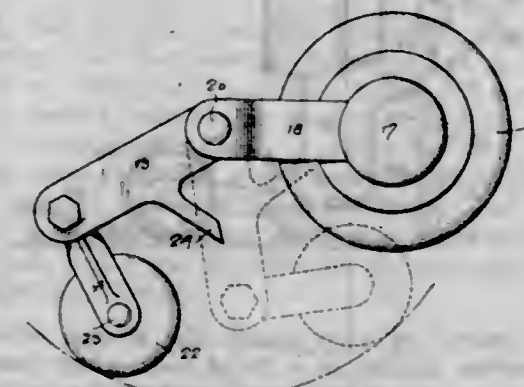
below the transverse member of the frame and substantially midway between the depending side members thereof.

1,641,814. MAINTAINING INERT ATMOSPHERES IN ELECTRICAL APPARATUS. CHARLES L. JONES, Pittsburgh, Pa. Filed Apr. 20, 1926. Serial No. 103,272. 7 Claims. (Cl. 220-85.)



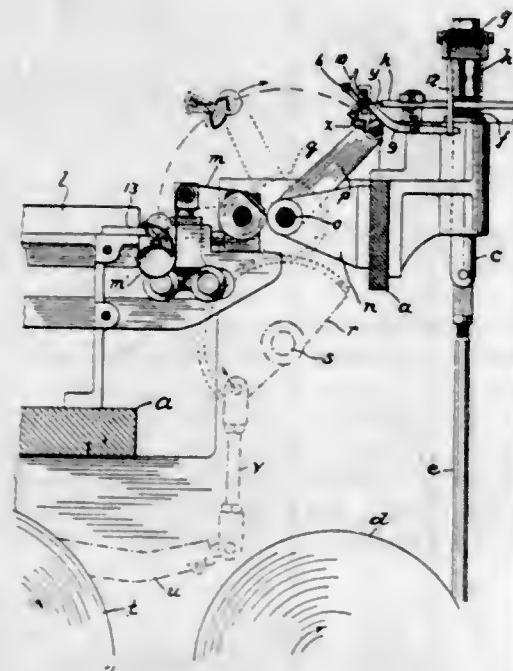
1. The method of maintaining a non-oxidizing atmosphere under a slight superatmospheric pressure in electrical apparatus, which comprises supplying to the apparatus a non-oxidizing gas having a specific gravity greater than that of air, and allowing the apparatus to breathe through an open connection to the air which includes an elevated chamber in which the gas and air are maintained separate by their difference in specific gravity.

1,641,815. METHOD AND APPARATUS FOR FINISHING INSULATORS. ABRAHAM EDWARD KAUFFMAN, East Liverpool, Ohio, assignor to The R. Thomas & Sons Company, East Liverpool, Ohio, a Corporation of Ohio. Filed Feb. 9, 1926. Serial No. 87,067. 3 Claims. (Cl. 25-26.)



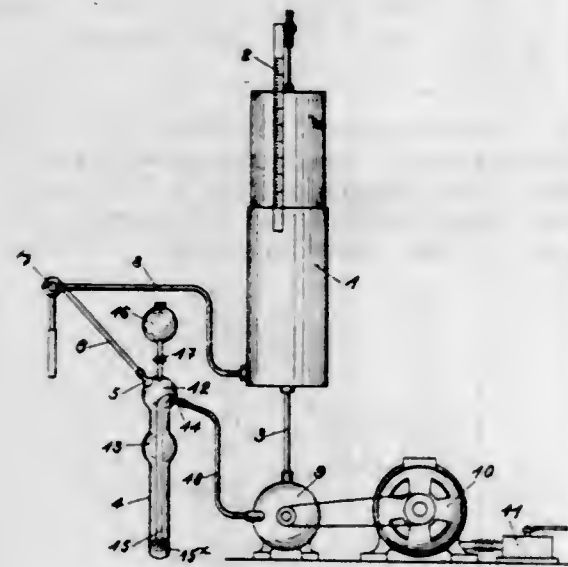
2. The method of forming a ceramic insulator which comprises molding plastic ceramic material to the general contour of the insulator, cutting to shape a groove in the neck of the insulator blank, and working the grooved area to compact, smooth and shape the latter to finished contour.

1,641,816. CIGAR BUNCH MACHINE. ROBERT R. KITCHEL, Ridley Park, and JESSE L. LIPPARD and JOSEPH E. MULLAN, Philadelphia, Pa., assignors to Bayuk Cigars Incorporated, Philadelphia, Pa., a Corporation of Maryland. Filed Feb. 7, 1925. Serial No. 7,484. 11 Claims. (Cl. 131-39.)



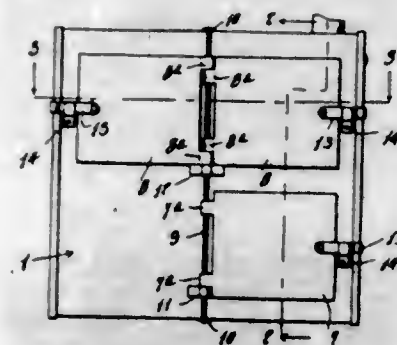
2. A filler transfer for cigar bunch machines comprising, in combination, a pair of jaws adapted to cooperate to form a receiver, one of said jaws being pivoted and bodily movable with respect to the other.

1,641,817. PROCESS OF AND APPARATUS FOR ASCERTAINING THE CHANGE OF GASEOUS MATTER IN HUMAN BODIES. HUGO W. KNIPPING, Hamburg, Germany. Filed Sept. 15, 1924. Serial No. 737,850, and in Germany May 22, 1924. 4 Claims. (Cl. 23-232.)



1. The process of ascertaining the change of oxygen gas into carbon dioxide in a living body which comprises establishing a normally closed circuit of oxygen gas or gas including oxygen, withdrawing gas from said circuit for use in breathing by the living body, replacing into said circuit the used gas, absorbing the formed carbon dioxide in said circuit by an absorbing medium therefor, and thereafter liberating and measuring in said circuit the carbon dioxide absorbed by said absorbing medium.

1,641,818. BARBECUE OVEN. MARVIN S. LARCH, Bowie, Tex. Filed Mar. 3, 1927. Serial No. 172,369. 1 Claim. (Cl. 126-1.)



A barbecue oven comprising a casing, a grid arranged within the casing centrally between the top and bottom sides thereof and extending from the front to the rear side and from one lateral side to the other of the casing, the front side of the casing being provided above and below the grid with openings and the rear side of the casing being provided above the grid with a smoke outlet, a vertically arranged pintle rod positioned centrally of the front side of the casing and having angular upper and lower ends secured to the top and bottom sides of the casing, brackets secured to the front side of the casing and having apertures through which the pintle rod passes, doors for said openings and mounted upon the pintle rod and supported thereon by the brackets, and a damper for the smoke outlet.

1,641,819. BUILDING CLAMP. D'ARCY J. M. LECK, Minneapolis, Minn. Filed July 17, 1926. Serial No. 123,129. 1 Claim. (Cl. 304-40.)

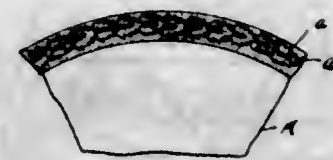


A building clamp comprising a U-shaped member having a hook at one end thereof and an eye at the other end thereof and a flat bar pivotally connected at one end with said eye and detachably engaging said hook at the other end, the outside edge of said bar being cut to reduced width at the last mentioned end in order that the inside margin of the bar may extend perpendicularly to the arms of the U-shaped member when the clamp is in use.

1,641,820. METHOD OF MAKING DECORATED CHINA-WARE. WILLIAM N. LEWIS, Sebring, Ohio, assignor to Sebring Manufacturing Corporation, Sebring, Ohio, a Corporation of Ohio. Filed Feb. 16, 1927. Serial No. 165,611. 7 Claims. (Cl. 41-26.)

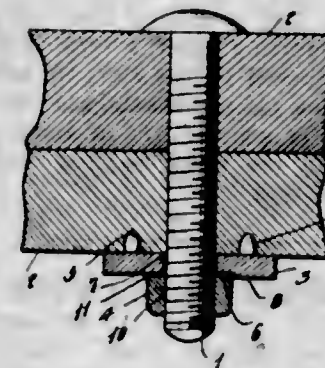
1. A method of decorating ware having a glazed surface, which comprises forming a design on said surface

with a material which is insoluble in the vehicle of a subsequently applied coating material, and coating said



design and background, one component of such design material being permanent and another component evanescent upon firing.

1,641,821. LOCK NUT. MATHEW LITTLE, University Place, Nebr. Filed Mar. 16, 1926. Serial No. 95,096. 1 Claim. (Cl. 151-44.)



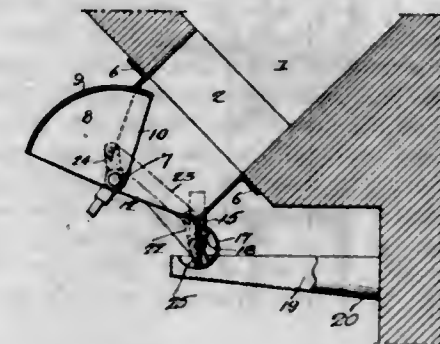
A nut lock comprising, in combination with a bolt and the part through which it passes, a base washer positioned upon the bolt and provided in its outer face with a triangular recess opening at its base out through the edge of the washer, a side wall of the recess being arranged in a plane parallel to the axis of the washer and extending chordally thereof and the bottom wall of the recess inclining from the other side thereof in the direction of the first mentioned side and from its apex towards its base, a nut mounted on the bolt and having a portion of its base beveled and having one of its sides contacting with said first named side of the recess, and means cooperating with said part and base washer to hold the latter against rotation.

1,641,822. WIRE TWISTING AND CUTTING TOOL. GUSTAVE W. MATTSON, Chicago, Ill. Filed Aug. 15, 1924. Serial No. 732,245. 2 Claims. (Cl. 140-119.)



2. In a wire twisting and cutting tool, a housing open at one end, a head in the open end of said housing, a shaft associated with said housing and normally disposed entirely therewithin and movable longitudinally thereof, means connecting said shaft and head whereby a rotary movement of said shaft is effected simultaneously with any longitudinal movement thereof, means connecting said head and shaft whereby the longitudinal movement of the latter is terminated abruptly at a predetermined point within said housing, said means comprising a headed rod, and gripping jaws carried by said shaft and in their closed position receiving one end of said headed rod.

1,641,823. ASH GATE. GERALD J. OLDROYD, Philadelphia, Pa., assignor to Link-Belt Company, Chicago, Ill., a Corporation of Illinois. Filed Mar. 30, 1926. Serial No. 98,570. 2 Claims. (Cl. 110-171.)



2. The combination with a gate structure including a frame and a gate pivotally mounted in said frame, a flange depending from the frame and forming a scraper, a drip trough pivotally mounted beneath the said flange and carried by the said structure independently of the gate, said scraper being disposed within said trough, and means connecting the gate and trough whereby said trough will be turned in unison with the turning of the gate on the axis.

1,641,824. TOOL. THEODORE A. FIEHN and GUSTAVE HEER, San Jose, Calif. Filed Jan. 25, 1926. Serial No. 83,622. 4 Claims. (Cl. 90-125.)

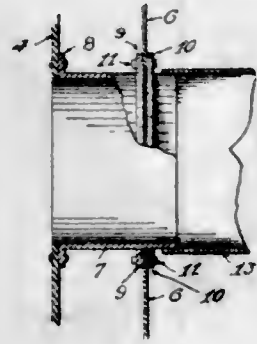


1. A tool of the character described, comprising a supporting bar and means for mounting a pilot rod therein, a cutter bar mounted therein to move transversely thereof and having a slot formed in its upper surface transversely thereof, a sleeve revolvably mounted on said supporting bar, a pin revolvably mounted in said sleeve parallel with its axis of rotation and having a lateral extension adapted to engage the slot in said cutter bar, and a nut threaded on to said supporting bar to engage said sleeve.

1,641,825. SMOKE-PIPE CONNECTION FOR FURNACES. DIRK MEYER, Peoria, Ill., assignor to The Meyer Furnace Company, Peoria, Ill., a Corporation of Illinois. Filed Apr. 15, 1927. Serial No. 184,032. 5 Claims. (Cl. 126-90.)

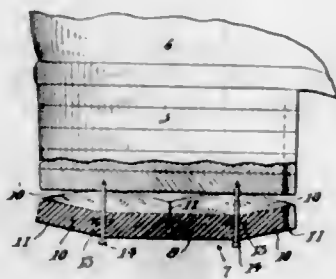
1. The combination with a furnace including a heating drum and a casing enclosing and spaced from the same, of a pipe stub secured to and opening into said drum,

extending through the space between the drum and casing and through and outside the latter and including a flange between its ends to abut against the casing at one



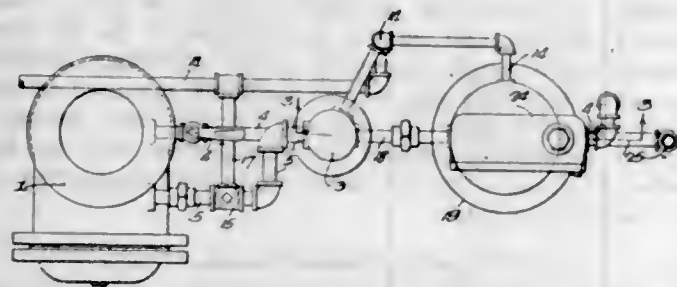
surface thereof, and a ring abutting against the opposite side of the said casing, and means to clamp the flange, casing and ring together.

1,641,826. RUBBER HEEL. ANTONIO PENTIFALLO, Hollidaysburg, Pa. Filed Aug. 21, 1923. Serial No. 658,559. 1 Claim. (Cl. 36-35.)



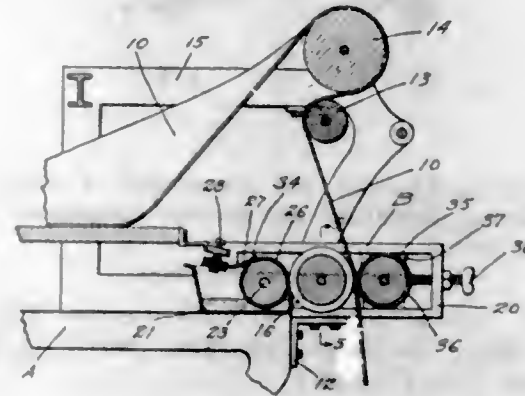
A cushion shoe heel comprising a resilient body having a flat central portion of polygonal form in plan, and a continuous series of relatively wide integral marginal portions extending at an upward and outward inclination from the edges of said polygonal central portion, the adjacent end edges of said marginal portions being integrally joined on straight lines radiating from the corners of said polygonal central portion, the heel having nail holes at said corners to facilitate passing of nails or the like through the resilient body at the corners of the polygonal central portion to secure the cushion heel to and flatten it in engagement with the under surface of the usual heel of a shoe.

1,641,827. ALARM MECHANISM. ARTHUR C. ROWLEY, Philadelphia, Pa., assignor to Globe Automatic Sprinkler Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Apr. 26, 1923. Serial No. 634,900. 11 Claims. (Cl. 169-23.)



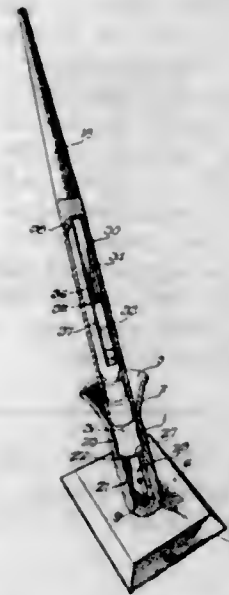
1. The combination with an alarm valve of a valve governing flow of liquid to an alarm device; a motor for actuating said governing valve; and a device actuated by liquid under pressure from the alarm valve connected to cause discharge of liquid from the motor and operation thereof when the alarm valve opens; said device normally maintaining liquid under pressure in said motor.

1,641,828. DECORATING DEVICE FOR AUTOMATIC BAG MACHINES. DAVID A. SANDIN, St. Paul, Minn., assignor to Walter H. Deubener, St. Paul, Minn. Filed Oct. 25, 1922. Serial No. 596,868. 1 Claim. (Cl. 93-34.)



In combination with a high speed continuously operating bag machine, a pair of slotted cross head supports, an inking roller, a decorating roller, a tension roller, bearings for said rollers disposed in the slots of said cross heads and adjusting means for the bearings of the inking roller and the tension roller whereby the pressure applied by the decorating roller to the stock passing through the machine may be regulated.

1,641,829. COMBINED FOUNTAIN-PEN RACK AND PAPER WEIGHT. WALTER A. SHEAFFER and CRAIG R. SHEAFFER, Fort Madison, Iowa. Filed Dec. 29, 1924. Serial No. 758,539. 6 Claims. (Cl. 120-108.)

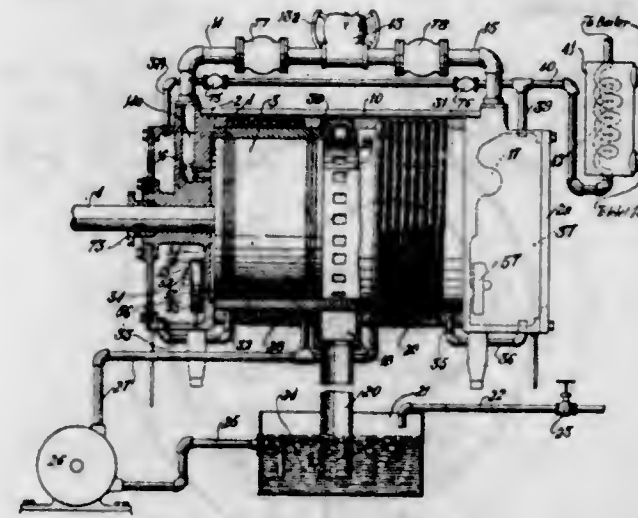


1. A holder for fountain pens comprising a tubular member having an outwardly flanged upper portion and a cylindrical chamber therein, said chamber having an internal shoulder for supporting and substantially sealing apart from the atmosphere the writing point of said fountain pen, a base member having an inclined slot therein for supporting said tubular member in inclined position, and means for securing said tubular member on said base.

1,641,830. REGENERATOR ENGINE. EVERETT W. SWARTWOUT, White Plains, N. Y. Filed Sept. 1, 1921. Serial No. 497,763. 8 Claims. (Cl. 60-1.)

1. The combination of steam supply means, a steam operated unit having entry and exhaust means for the steam, and in which the flow of the steam from the entry means to the exhaust means is in one direction, means for

collecting the exhaust steam in liquid form, means for conducting the collected liquid exhaust fluid in heated relation with and externally of said unit and in a direc-



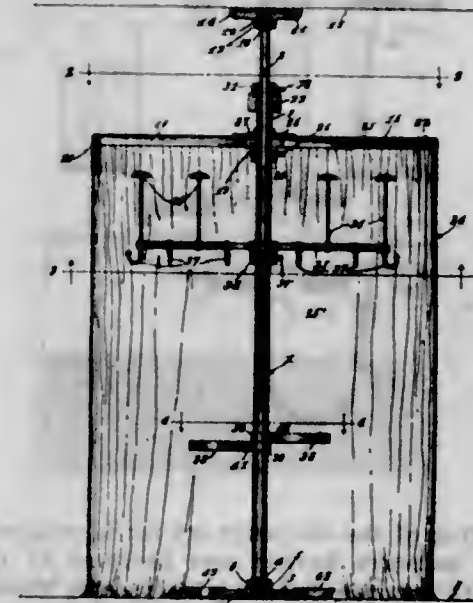
tion counter to the flow of the steam through said unit, and means for conducting the thereby heated collected liquid exhaust fluid to said steam supply means.

1,641,831. CARPENTER'S COMBINATION TOOL. THOMAS M. SHEARER, De Land, Fla. Filed Apr. 29, 1926. Serial No. 105,491. 1 Claim. (Cl. 7-13.)



A combination tool comprising a saw and having its top side located in the plane of the top edge of the saw blade, said handle being provided with a vertical recess opening out through the top, bottom, front, and one lateral side thereof, the top edge of the rear wall of the recess being beveled off at an angle of 45°, a graduated stock pivoted at one end within the recess, and a graduated blade adjustably secured to the stock.

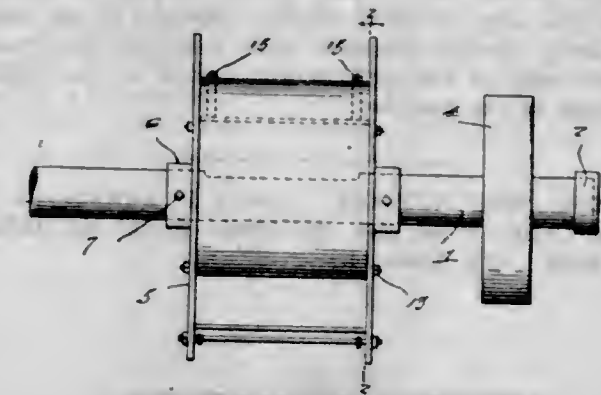
1,641,832. COMBINED COSTUME AND WARDROBE. EDWARD B. SKINNER, Flint, Mich. Filed June 25, 1926. Serial No. 118,531. 1 Claim. (Cl. 45-37.)



A device for the purpose set forth comprising an oval-shaped curtain suspending frame, a collar positioned centrally thereof, longitudinally and horizontally disposed

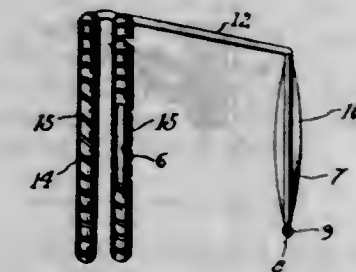
cross members interposed between the collar and the frame and further connected with the collar and the frame, a telescopic standard including an upper and a lower section and providing means for locking the frame to prevent lateral shifting or tilting thereof, said lower section extending through said collar, means for locking the collar to said lower section below the frame, said sections provided with coating means for maintaining them in adjusted position, said coating means arranged above said collar, and a one-piece overlapping split curtain extending over the top of the frame, throughout the opening formed on the frame, overlapping the complete outer side edge of the frame and depending from the latter to the lower end of the standard, said curtain providing a normally closed chamber, the split in said curtain disposed at one side of the chamber and extending horizontally at the top approximately half the width of the frame.

1,641,833. ROTARY AIR COMPRESSOR. HENRY STRONG, Ukiah, Calif. Filed Feb. 19, 1927. Serial No. 169,485. 3 Claims. (Cl. 230-134.)



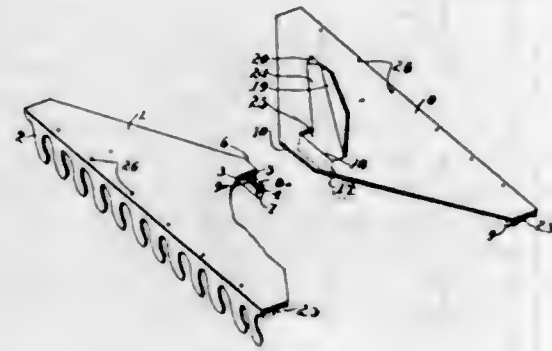
1. An air compressor comprising a tubular shaft having a lateral induction opening and also having an education portion, spaced discs surrounding said shaft and fixed thereto and disposed at opposite sides of said lateral induction opening, and a resilient curvilinear spiral blade interposed between and carried by said disc and spirally arranged about the lateral induction opening in the shaft; the said discs being provided with transverse apertures, and the said blade being equipped with transverse rods connected thereto and having end portions secured in the apertures of the discs whereby the discs operate to retain the blade in spiral state between the discs against the inherent resiliency of the blade.

1,641,834. WATCHMAKER'S LOUPE. WILLIAM J. WRIGHTON, Southbridge, Mass., assignor to American Optical Company, Southbridge, Mass., a Voluntary Association of Massachusetts. Filed July 9, 1923. Serial No. 650,368. 6 Claims. (Cl. 88-41.)



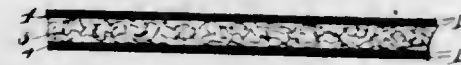
4. In a device of the character described, a lens, means for holding the lens, a ring spaced from the lens and substantially parallel thereto, a spacing member connecting the ring and lens holding means, and a protective anti-slipping covering on the ring said covering having separated friction grooves transversely arranged on its peripheral surface.

1,641,835. FASTENER. LYMAN P. ARMSTRONG, San Jose, Calif. Filed Nov. 2, 1925. Serial No. 66,318. 3 Claims. (Cl. 24-222.)



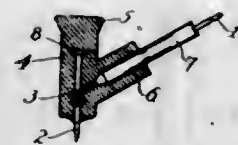
1. A fastener comprising two relatively thin triangular elements having interlocking devices formed on opposing apices, the edge of each element opposite to its locking apex being sharply serrated, with teeth inclined toward one side edge of the element and turned at an angle to the plane of the fastener.

1,641,836. BED BOTTOM. LYMAN P. ARMSTRONG, San Jose, Calif. Filed Nov. 26, 1926. Serial No. 150,953. 1 Claim. (Cl. 154-44.)



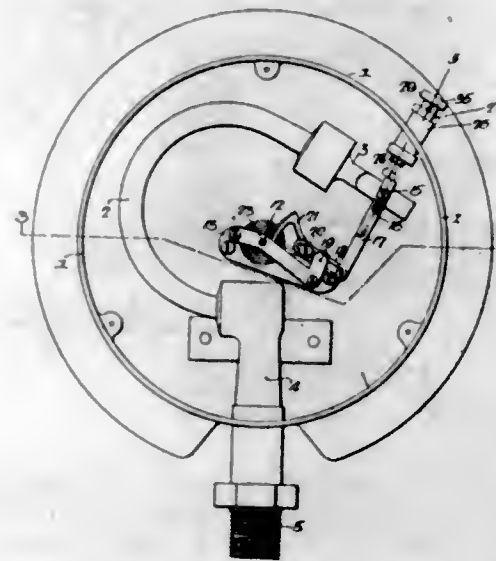
An article of the character described, comprising a sheet of heat insulating material and a sheet of fabric arranged on either side thereof to form a closed chamber, each sheet of fabric comprising a plurality of thread-like elements extending in the same direction, each element looping once around the adjacent elements on each side thereof and passing alternately from one to the other, the woven elements being imbedded in rubber.

1,641,837. BATTERY CONNECTER. ERIC E. BILGART and FREDERICK P. BARTLETT, Chicago, Ill. Filed Mar. 7, 1923. Serial No. 623,330. 2 Claims. (Cl. 173-259.)



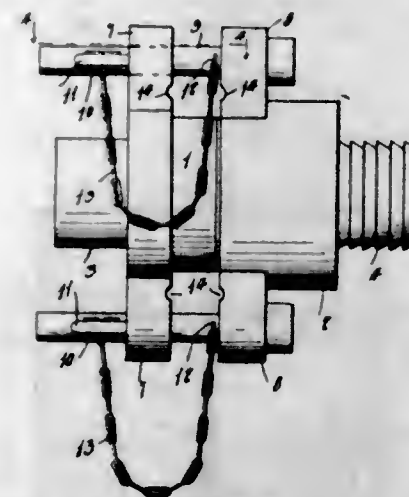
2. The combination with an electrical conductor of a solid terminal comprising a metallic body formed to provide an anvil head adapted to be pounded, said head having a penetrating point adapted to be driven into the terminal of a storage cell, and a laterally projecting arm integral with said head, in which the electrical conductor is secured.

1,641,838. PRESSURE GAUGE. HENRY J. BURKHARDT, Mount Ephraim, N. J., assignor to J. E. Lonergan Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Nov. 21, 1921. Serial No. 516,633. 2 Claims. (Cl. 73-109.)



1. The combination in a pressure gauge, of a dial having a series of pressure markings thereon, two coaxially pivoted and independently movable indicating hands both co-operating directly with the said dial, a pressure responsive member, and two separate trains of mechanism connecting the said member with the two hands respectively to move them simultaneously and uniformly in one direction as the said member moves in one direction in accordance with increasing pressure, one of the said trains including a lost motion connection which permits the corresponding hand to remain in a maximum pressure position when the said member and the other hand move in the other direction in accordance with decreasing pressure.

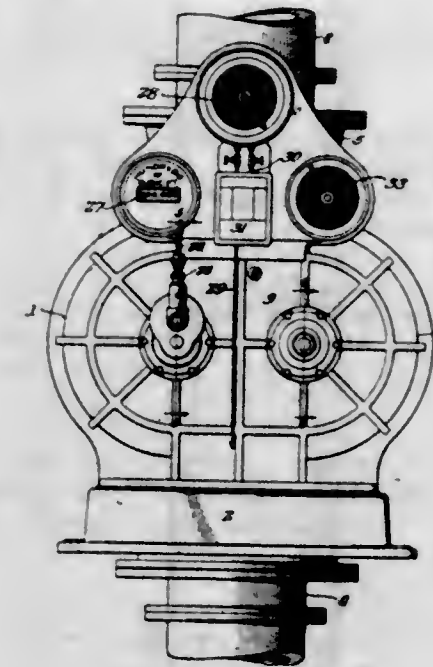
1,641,839. TANK-HOSE COUPLING. LOYD H. CAIN, JOHN HUNTER BROGAN, and CHARLES J. BROGAN, Tyler, Tex. Filed Oct. 8, 1925. Serial No. 61,275. 2 Claims. (Cl. 285-133.)



1. A coupling of the character set forth, comprising inter-engaging members having ears provided in their inner sides with grooves, headed pins passing through the ears, and wedge keys passing through the pins and contacting with certain of the ears to draw the members together, said wedge keys being adapted to be used for separating the members, the ears of one member being

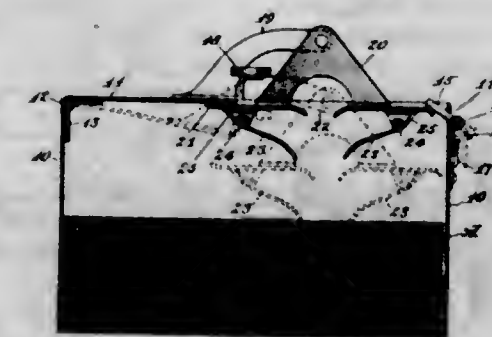
spaced from those of the other for a distance greater than the width of the smaller ends of the wedge keys to permit the insertion of the wedge keys in the grooves preparatory to separating the members.

1,641,840. FLUID METER. RALPH C. ENYART, Connersville, Ind., assignor to The P. H. & F. M. Roots Company, Connersville, Ind., a Corporation of Indiana. Filed Mar. 25, 1922. Serial No. 546,656. 2 Claims. (Cl. 73-37.)



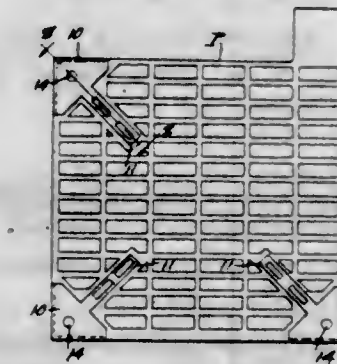
1. A fluid meter of the character described, comprising a casing having an inlet opening and an outlet opening therein, rotatable impellers within said casing between the inlet and outlet openings and adapted to be actuated by fluid passing through the said casing, said impellers having an operating clearance with respect to the said casing, counter mechanism operably connected to the said impellers and constructed to indicate a given quantity of flow through the said meter for each revolution of the said impellers, and mechanism for indicating the quantity of fluid passing through said operating clearance, whereby the actual quantity of fluid passing through the said meter may be determined.

1,641,841. NAPKIN HOLDER. JOHN M. FERNANDEZ, New York, N. Y. Filed Aug. 26, 1926. Serial No. 131,679. 4 Claims. (Cl. 211-29.)



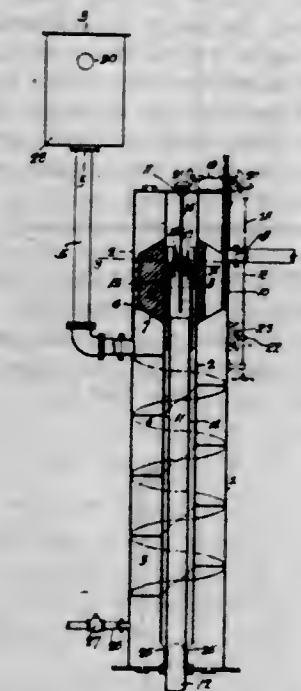
1. A holder for paper napkins and other articles including a container, a depressible cover thereon, and hinged grippers on the cover adapted to engage an article in a stack and for giving the article a looped portion to be grasped.

1,641,842. INSULATING MEANS FOR STORAGE-BATTERY PLATES AND SEPARATORS. EARL W. FLETCHER, Cuero, Tex. Filed Oct. 11, 1926. Serial No. 140,949. 4 Claims. (Cl. 136-36.)



1. A storage battery plate provided at a plurality of corners with a cap of insulating material and transverse plugs through the caps and plate to prevent displacement.

1,641,843. APPARATUS FOR SEPARATING LIQUIDS OF DIFFERENT SPECIFIC GRAVITY. THOMAS FISHER, Philadelphia, Pa., assignor to Fisher Engineering Corporation, Baltimore, Md., a Corporation of Maryland. Filed Jan. 14, 1925. Serial No. 2,382. 3 Claims. (Cl. 210-51.)



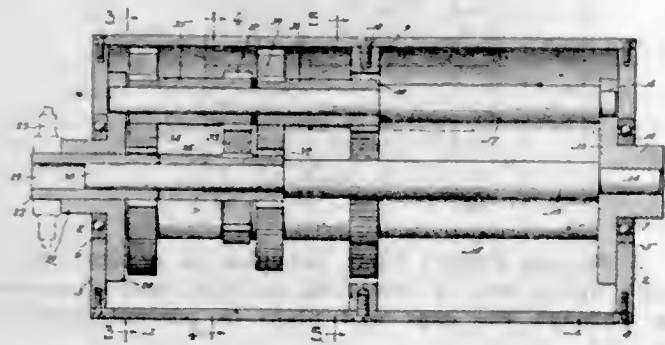
1. The combination of an outer casing and an inner casing spaced apart forming an outer channel; a spiral deflector in the channel terminating in a vertical section that extends into the lighter liquid zone of the apparatus; a discharge pipe for the heavier liquid extending within the inner casing and terminating at the lighter liquid zone; an enlargement on the inner casing forming a lighter liquid zone; an outlet pipe for the lighter liquid at the upper end of said zone; and an inlet pipe for the liquids to be separated below the lighter liquid zone and on the upper side of the spiral deflector.

1,641,844. TOOTH-CANAL-FILLING COMPOUND. WINFIELD S. FISHER, Elmhurst, Ill. Filed Apr. 28, 1926. Serial No. 105,269. 3 Claims. (Cl. 106-8.)

3. A tooth root canal filling comprising a slightly plastic body possessing a crumbling characteristic when initially pressed into the canal and solidifying upon further application of pressure thereto to form an impervious filling and formed from the spatulating of rosin, oil of eucalyptus and zinc oxide to provide a creamy mixture

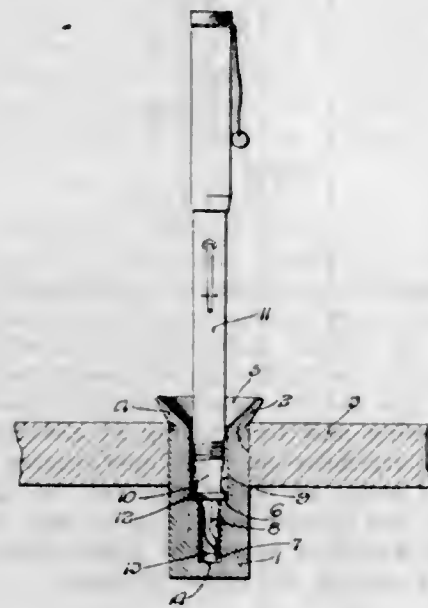
subsequently subjected to a rolling action under heavy pressure and with the rolled mixture subsequently subjected to a temperature of seventy-two degrees F. for a predetermined period.

1,641,845. SPEED-REDUCING GEAR. THOMAS L. FITZPATRICK, Massena, N. Y. Filed May 3, 1927. Serial No. 188,448. 3 Claims. (Cl. 74-7.)



1. A speed reducer of the character described comprising a casing circular in cross section, the periphery of which acts as a pulley, means rigidly secured to the casing acting as end members a hollow driving shaft extending through one of said end members, a series of toothed members for connecting the hollow driving shaft with the casing so that the casing will rotate at a different speed from the hollow driving shaft, and means for rotatably supporting the toothed members in the casing said means including a central shaft journaled at one end in one of said end members and at the other end in said hollow shaft, a countershaft arranged parallel to said central shaft, and disks rotatably supported on said end members acting to support said countershaft at its respective ends.

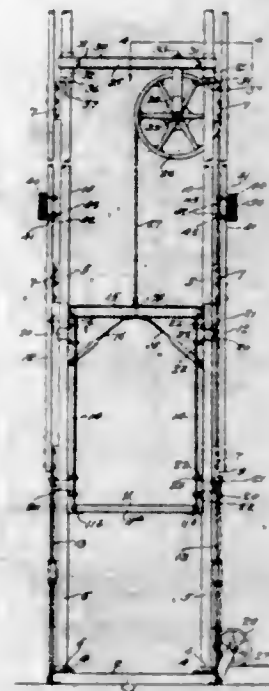
1,641,846. FOUNTAIN-PEN RACK. JULES A. FREMON and AVERY S. DE HAVEN, Leeper, Mo., assignors to W. A. Sheaffer Pen Company, Fort Madison, Iowa, a Corporation of Delaware. Filed Jan. 16, 1925. Serial No. 2,782. 1 Claim. (Cl. 120-108.)



A holder for fountain pens which are equipped at the pen writing ends with shoulders, said holder comprising a tubular member, a cylindrical chamber in the lower portion of said tubular member for receiving the writing point and exposed ink feeding means of said fountain pen, a second cylindrical chamber in the upper part of said tubular member, a shoulder in said tubular member at the junction of said upper and said lower chambers, said shoulder serving as a supporting means for said shoulder on said fountain pen whereby the weight of said

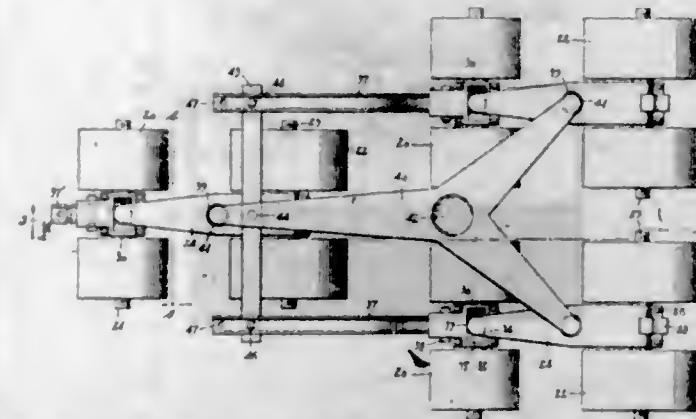
pen on said shoulder serves to substantially seal said lower chamber from the atmosphere to prevent ink from drying on said writing point and said ink feeding means, said upper chamber serving to align said fountain pen with said chamber when said pen is inserted in said tubular member.

1,641,847. PORTABLE ELEVATOR. GEORGE C. GOOD and FREDERICK C. GOOD, Philadelphia, Pa. Filed Mar. 5, 1927. Serial No. 173,109. 11 Claims. (Cl. 178-2.)



5. A portable elevator comprising the combination of a base platform; removable upright guide members on said platform; diagonal bracing members between said platform and said uprights for bracing said uprights longitudinally of said platform; lateral projections on said uprights; a head member slidably mounted on said uprights, and adapted to brace said uprights transversely of said platform; means cooperating with said head member and the lateral projections on said upright members adapted to maintain said head member in its adjusted position on said upright members; an elevator car adapted to slide on said upright guide members; shoes on said car and engaging said uprights in a manner to prevent lateral spreading thereof as the car is moved up and down said uprights.

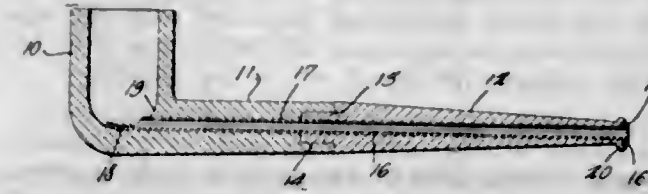
1,641,848. HOUSE-MOVING TRUCK. SAMUEL P. GRIFFIN, Sulphur Springs, Fla. Filed Sept. 2, 1926. Serial No. 133,238. 4 Claims. (Cl. 280-81.)



1. A house moving apparatus comprising a front truck, two rear trucks disposed side by side, each truck having front and rear wheels and a longitudinal beam connecting them, and a load sustaining member having a

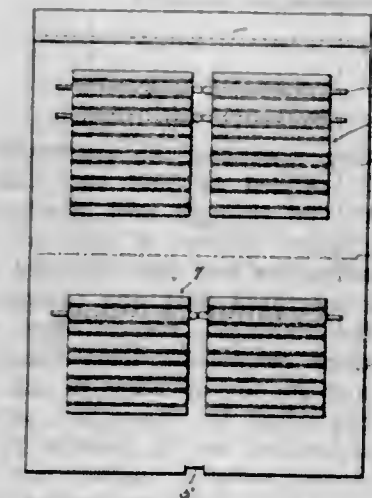
front terminal and two rear terminals, the terminals of said member and all three beams having contacting portions fitting together for turning and oscillatory motions and providing a three point bearing for said member.

1,641,849. SMOKING PIPE. RAYMOND HADLEY, Fairfield, Conn. Filed Nov. 11, 1925. Serial No. 68,371. 2 Claims. (Cl. 131-12.)



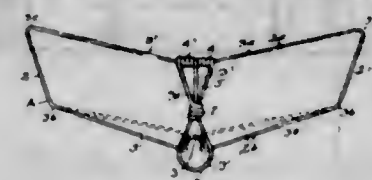
2. In a smoking pipe, a bowl and a stem, a mouthpiece connected with the stem and a plurality of channel elements reversely arranged and passing through the stem and mouthpiece, one of said elements projecting beyond the other into the bottom of the bowl and including spaced rows of teeth, the mouthpiece having a flanged outer end, and the channel elements, when assembled, providing an annular flange adjacent to the flange of the mouthpiece.

1,641,850. MATCH FOLDER. MELISSA A. HAMMOND, Hopkinsville, Ky. Filed Dec. 29, 1926. Serial No. 157,752. 1 Claim. (Cl. 206-29.)



As a new product of manufacture, a match folder comprising a cardboard blank folder between its ends to provide a pair of overlapping half-sections, the longitudinal outer edge of one section being folded over upon itself and terminating in a retaining lip, the corresponding edge of the other section being adapted for disposition beneath said lip and being provided with a finger tab, and a plurality of pairs of corrugated match-holders secured to the inner faces of said half sections, the corrugations of each pair being in spaced relation and providing a plurality of match cells open at their opposite ends.

1,641,851. SCARF HOLDER AND FORMER. GEORGE HOLLAFOLLA, Syracuse, N. Y. Filed May 4, 1927. Serial No. 188,831. 3 Claims. (Cl. 24-56.)

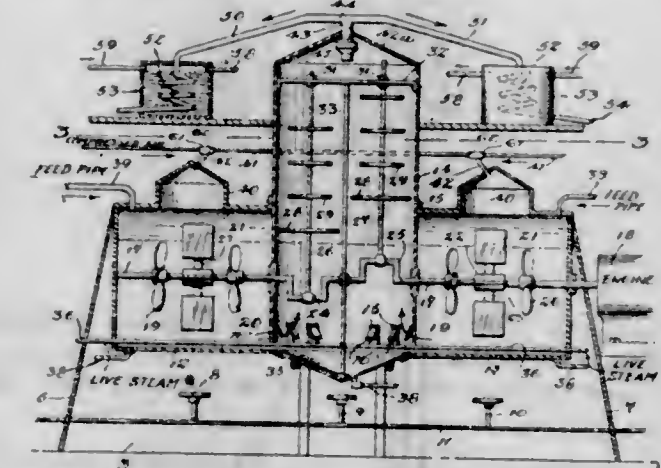


1. In a scarf form, a normally open form comprising a single length of spring wire, the end portions of the wire overlapping at the top and midway between the ends

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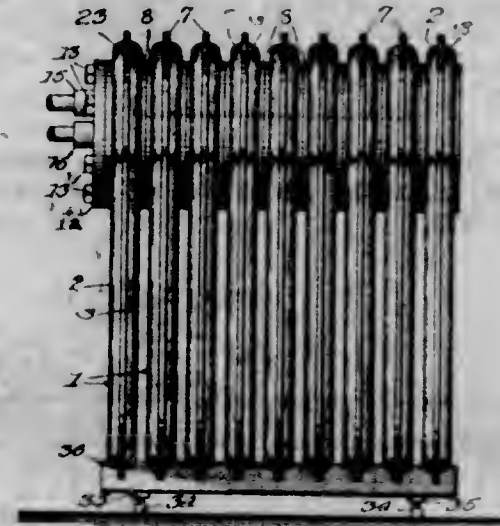
of the form, said end portions being coiled around each other in separate coils, said end portions extending downwardly convergingly to form a triangle, one end portion being formed into a long loop below the triangle and terminating in a single coil between the first coils, the other end portion being wound around the first end portion between the triangle and said loop, and the bottom of the form being formed with a medial bend to engage a collar button.

1,641,852. OIL-REFINING APPARATUS. HARLEY A. W. HOWCOTT, New Orleans, La. Filed Feb. 7, 1924. Serial No. 691,240. 11 Claims. (Cl. 196-124.)



11. In an apparatus for cracking oil, a still composed of a plurality of horizontal preheaters with a vertical cracking cylinder interconnected therewith below the oil level of said preheaters, a shaft passing directly through the longitudinal axis of the preheaters and through the cracking cylinder, the portion of the shaft within the cracking cylinder being provided with cranks, means adapted to be reciprocated for agitating the contents of the cracking cylinder connected to the cranks, a paddle wheel located in each preheater and rigidly connected with the shaft, propellers mounted upon opposite sides of the paddle wheel and adapted to force the liquid contents of said preheaters towards the paddle wheel, and means for withdrawing the vaporized hydro-carbons from the cracking cylinder, and means for maintaining a predetermined pressure within the cracking cylinder.

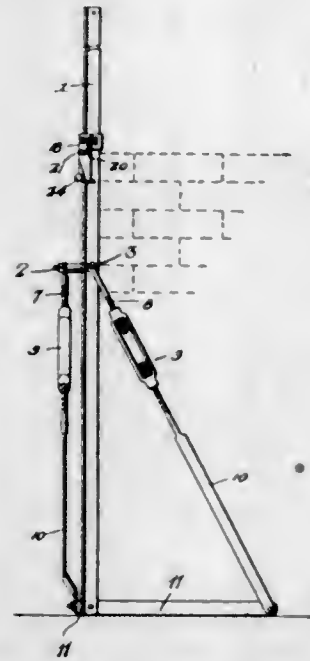
1,641,853. REFRIGERATING UNIT. ROLLIN M. HYDE, Detroit, Mich., assignor to McCord Radiator & Mfg. Co., Detroit, Mich., a Corporation of Maine. Filed July 12, 1926. Serial No. 121,820. 8 Claims. (Cl. 62-95.)



1. A refrigerating unit for refrigerating machines, comprising a plurality of hollow sections joined together to contain a refrigerant, each section having front and rear walls formed of sheet metal with registering openings within the margins of said walls, said sections being arranged with the registering openings in the walls of

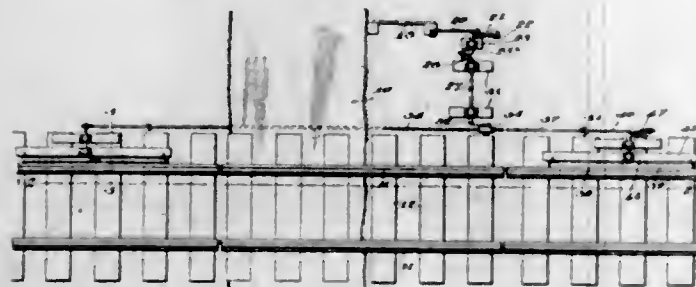
the respective sections aligned to form the chilling compartment of the units, the walls of each section being secured together about their outer edges and about the edges of the registering openings therein, said unit having refrigerant inlet and outlet means above said chilling compartment.

1,641,854. BRICKLAYER'S GAUGE. LOUIS J. JARDOT, Stillwater, Okla. Filed May 17, 1926, Serial No. 109,703. Renewed June 21, 1927. 3 Claims. (Cl. 33-85.)



1. In a gauge and in combination, a post of right angle form in cross section, arms connected to and extending at right angles from the lower end of the post and adapted to form a base, threaded bolts extending laterally from the post at an intermediate point in the height thereof and disposed at right angles to each other, spacing sleeves on the said threaded bolts, threaded rod sections secured on the said bolts of the post, threaded rod sections connected to the said base arms at points remote from the post, turn buckles interposed between and adjustably connecting said rod sections, a bracket straddling the post and adjustably fixed thereto and having a threaded projection, a vertically disposed plate having a graduated scale and also having a slot receiving said threaded projection on the bracket, a plate arranged in front of the first-named plate and apertured for the reception of said threaded projection and having a pointer for cooperation with said graduated scale and also having means at its lower end for the support of a cord, and means on the threaded projection of the bracket for adjustably fixing the plates with respect to said bracket.

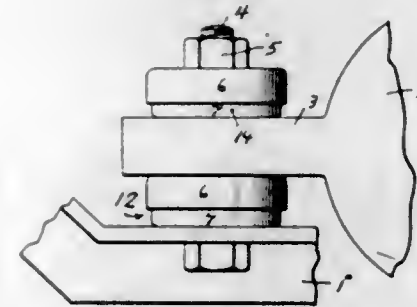
1,641,855. SIGNAL. JESSE L. LAMONT, Geneseo, Ill. Filed Feb. 12, 1927. Serial No. 167,837. 3 Claims. (Cl. 246-293.)



1. A signaling device for grade crossings comprising a housing, a signal normally mounted in the housing and means for moving said signal out of said housing,

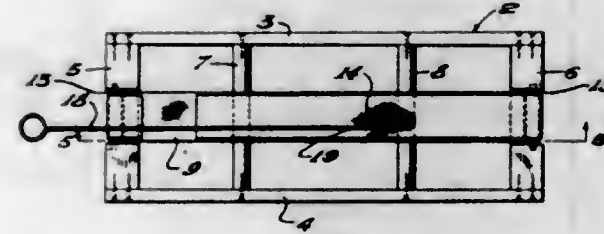
said means including a pair of bars pivotally connected together at their inner ends and having their outer ends pivotally mounted on a fixed support, a toe engaged by one of the bars and adapted to be rocked when the bars are depressed by the wheels of the train, a shaft rigid with the toe, an arm rigid with the shaft, a second rock shaft, an arm depending from said rock shaft and a link connecting the respective arms of the shafts, a bell crank lever, means connecting an arm of the bell crank lever with the second mentioned rock shaft, the other arm of the bell crank lever being connected with the signal when said bars are depressed, the bell crank lever being actuated to move the signal out of the housing.

1,641,856. VIBRATION ABSORBER FOR AUTOMOBILES. HERMAN R. LLOYD and JOHN W. ELLIS, Taft, Calif. Filed Aug. 31, 1926. Serial No. 132,838. 3 Claims. (Cl. 267-63.)



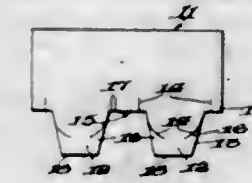
1. In combination, a support, an apertured part to be supported, a bolt carried by and extending upwardly from said support and through said apertured part, an abutment on the upper portion of said bolt, and shock absorbers surrounding the bolt and arranged between the support and the apertured part and between the apertured part and the abutment, respectively; each of the said shock absorbers comprising telescopically arranged casing sections with an air aperture in one section and adapted to be controlled by the other section, and a resilient section arranged in the housing by the casing sections and interposed between opposed portions thereof, and having a center aperture to receive the bolt and also having a circular series of upright apertures about the central aperture, and minute apertures extending outwardly from the apertures in the circular series.

1,641,857. SAMPLE HOLDER FOR CLOTH BOARDS. LOUIS E. MASSON, New Orleans, La. Filed Sept. 28, 1926. Serial No. 138,256. 3 Claims. (Cl. 206-50.)



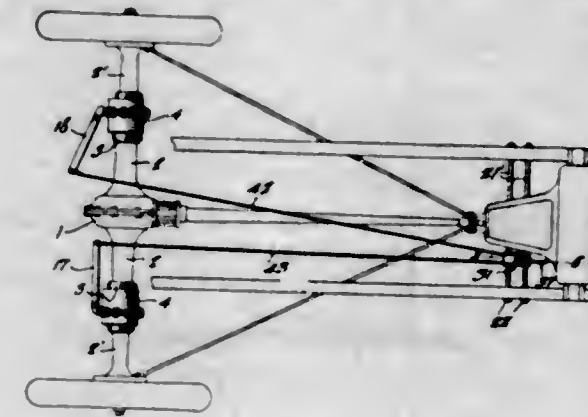
1. In a cloth board, a sample holder including spaced supports, and a flexible web bridging the space between said supports for holding a sample strip of fabric.

1,641,858. SHINGLE. JOHN AUGUSTUS MCCARTHY, St. Joseph, Mo. Filed Mar. 1, 1926. Serial No. 91,519. 1 Claim. (Cl. 108-7.)



A shingle strip composed of a body portion and tabs depending from the body portion, each of the tabs being provided with arcuate-shaped slots extending inwardly from the side edges of each tab and dividing the tab symmetrically and groups of co-operative slots located between each pair of tabs and extending upwardly into the body portion to receive the submerged lower portion of the tabs of an adjacent shingle strip, said arcuate-shaped slots changing the design of the tabs from a hexagon to a round tab with a square base and forming alternate designs in the same course and alternate designs in alternate courses, the sides of the lower parts of the tabs forming anchor-shaped locking tongues when assembled in courses.

1,641,859. AXLE TRANSMISSION. ROBERT BRUCE MCCORMICK, Detroit, Mich. Filed Aug. 23, 1926. Serial No. 131,073. 2 Claims. (Cl. 74-100.)

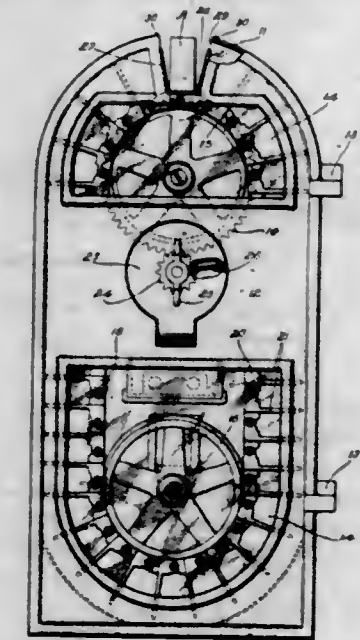


1. The combination with an automobile, including the engine driven shaft, the differential associated therewith, and the housing for the differential, the rear axle shafts and the housings for said shafts and in which the axle shafts and the housings therefor are constructed in sections, said shaft sections having their confronting ends squared in cross section, casings connecting the housing sections, a fixed toothed clutch block on the inner face of each casing and through which the inner axle shafts are journaled, a slidable clutch member in each casing having a square bore to engage with the squared ends of the axle shafts, angle levers having forked ends pivotally secured to the casings, said slidable clutch members having annular depressions, a band in each depression to which the forked ends of the angle levers are connected, a rod secured to the outer end of each of the angle levers, slidable members supported at the front of the automobile and to which the rods are respectively connected, spring influenced means for normally holding the slidable means from movement and a shift lever for actuating the slidable means, for the purpose set forth.

1,641,860. VENDING MACHINE. ELGIN MORELL, East Orange, N. J. Filed July 16, 1926. Serial No. 122,949. 6 Claims. (Cl. 211-8.)

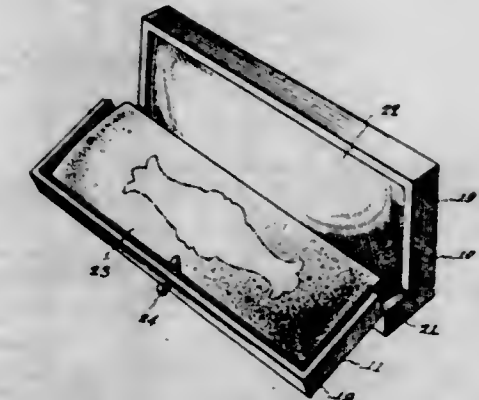
1. A vending machine having means for releasing contained articles by movement laterally or outwardly, in-

cluding a casing having a marginal wall with a cut-away portion providing a space, and side walls adjoining the



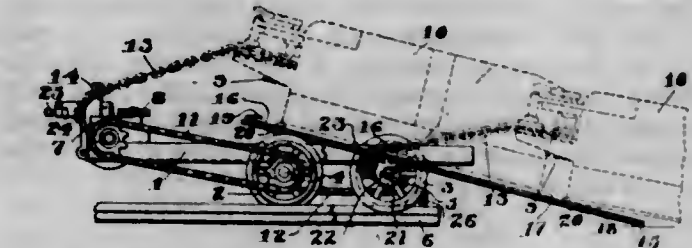
edges of the marginal wall having notches matching said cut-away portion and defining with said space an opening communicating with the interior of the casing.

1,641,861. DISPLAY BOX. SAMUEL MOSS, New York, N. Y. Filed Sept. 8, 1926. Serial No. 134,307. 1 Claim. (Cl. 211-28.)



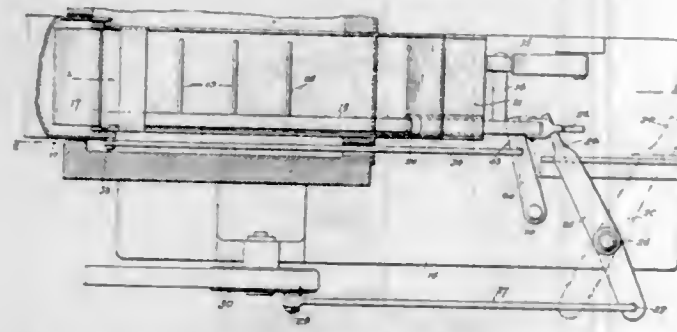
A display case comprising a substantially L-shaped case forming section, a display case forming section open at one side, means connecting said sections together to provide a hinged connection between the sections, and a pad carried by the display section projecting from the open side thereof, the pad being substantially equal in width to the inside width of the L-shaped section.

1,641,862. MINING-MACHINE TRUCK. CHARLES B. OFFICER, Winnetka, Ill., assignor to Sullivan Machinery Company, a Corporation of Massachusetts. Filed Nov. 3, 1917, Serial No. 200,050. Renewed May 21, 1927. 44 Claims. (Cl. 105-16.)



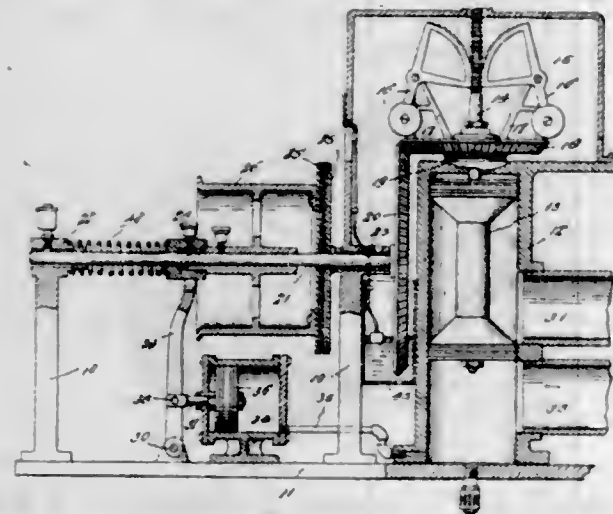
1. A mining machine truck, and a tiltable machine guiding frame reciprocable thereon and when tilted supported thereon intermediate its ends, at a point substantially spaced from each of the latter, said machine guiding frame when in the tilted position providing an inclined plane onto and up which a mining machine may slide during loading of the latter on said track.

1,641,863. ORE-FEEDING APPARATUS. WILLIAM HARVEY PARSONS, Middletown, Calif. Filed Oct. 18, 1926. Serial No. 142,481. 6 Claims. (Cl. 214-18.)



1. An apparatus for feeding materials through a trough from the receiving end to the discharge end thereof, comprising a reciprocating feed arm arranged in the trough having radially disposed feed blades secured thereto, and means for turning the feed arm to elevate the blades upon each movement of the same from the discharge end to the receiving end whereby to prevent retrograde movement of the material in the trough.

1,641,864. DRIFTING VALVE. JEROME B. PRUITT, Temple, Tex. Filed Oct. 9, 1922. Serial No. 593,298. Renewed July 13, 1927. 1 Claim. (Cl. 121-137.)

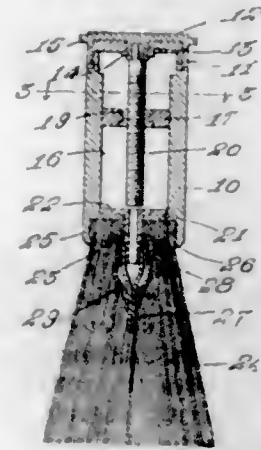


In a mechanism of the character described, a valve case having a steam inlet port and a steam outlet port, a piston valve arranged to reciprocate in said case, and including a stem slidable through an opening in the top thereof, a gear surrounding said stem, a shaft arranged at a right angle to said valve case and mounted for rotation, a gear supported by said shaft and meshing with the first mentioned gear, a pulley journaled on said shaft, cooperating clutch members carried by said shaft and pulley respectively, a pivoted clutch lever connected with said pulley for moving the latter in a direction to disengage said clutch members, a small cylinder communicating with said valve case, a piston operating in said cylinder and connected with said clutch lever, a spring surrounding said shaft for moving the pulley in a direction to cause said clutch members to engage, and a governor including pivotally mounted members cooperating with the stem of said valve for moving the latter to a position to establish communication between the inlet and outlet ports as and for the purpose specified.

1,641,865. BRUSH. MALO J. RABALAIS, Hessmer, La. Filed Jan. 14, 1927. Serial No. 161,142. 1 Claim. (Cl. 15-137.)

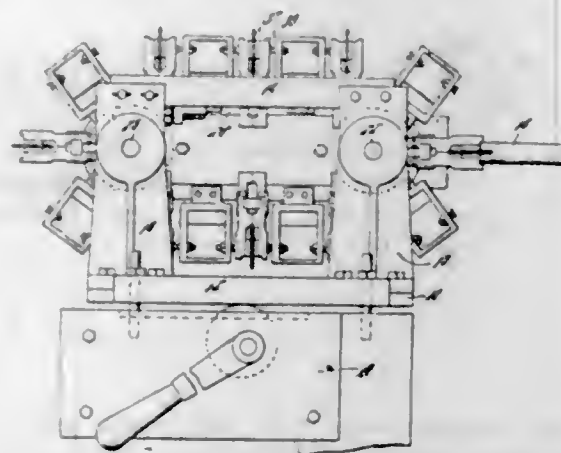
A shaving brush comprising a hollow handle embodying a bottom provided with a central opening, brush bristles depending from one end of said handle, a plunger operable within said handle and controlled exteriorly

thereof, a disk seated upon the upper side of the bottom and having a discharge neck projected through the opening and extended an appreciable distance within the brush bristles, a flexible tube carried by the discharge neck, a clamping band securing the upper end of the flexible discharge tube upon the adjacent end of the dis-



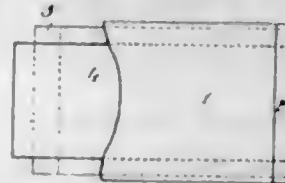
charge neck, and spring arms depending from opposite sides of the clamping band and arranged in converging relation for clamping engagement with the resilient discharge tube to regulate the discharge of the contents of the handle member and to prevent the ingress of air thereto to prevent the same from becoming hardened.

1,641,866. CORE-TUBE CUTTER. CHESTER J. ROBERTS, Milwaukee, Wis., assignor to Northern Paper Mills, Green Bay, Wis. Filed July 24, 1925. Serial No. 45,914. 7 Claims. (Cl. 164-69.)



1. In a core tube cutter, a stationary frame, an endless member movably mounted within the frame, means for moving said member, means for supporting a core tube to be cut, a plurality of transverse members carried by said endless member, a pair of arms movably mounted on each of said transverse members and normally urged apart, and cam tracks located at opposite sides of the endless member and engageable by said transverse members for moving said arms toward each other, said arms carrying cutting blades.

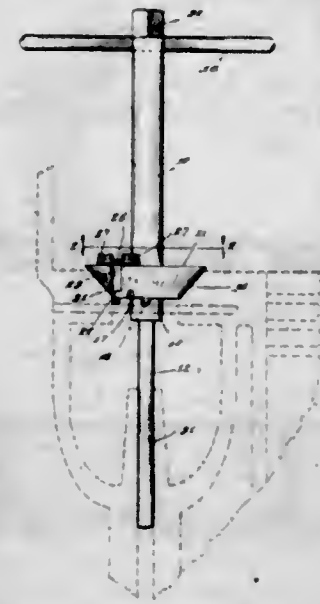
1,641,867. PHOTOGRAPHIC FILM OR PLATE PACK. MARIAN ROMANOWICZ and JOHANN ROMANOWICZ, Vienna, Austria. Filed June 2, 1926. Serial No. 113,195, and in Austria Aug. 4, 1925. 4 Claims. (Cl. 95-22.)



1. In combination with a photographic plate, a protecting sheet and a pulling strip both of which are attached to the same edge of the plate, the protecting

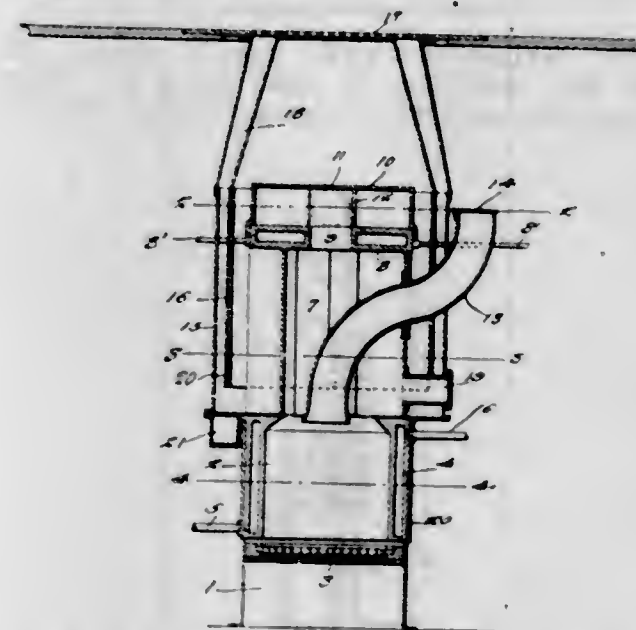
sheet being of substantially the same length and width as the plate, the pulling strip being at least twice as long as the plate and the pulling strip being located between the plate and the protecting sheet.

1,641,868. VALVE-SEAT REAMER. ALBERT C. SAVIDGE, Indianapolis, Ind. Filed Nov. 22, 1920. Serial No. 425,621. 13 Claims. (Cl. 90-12.5.)



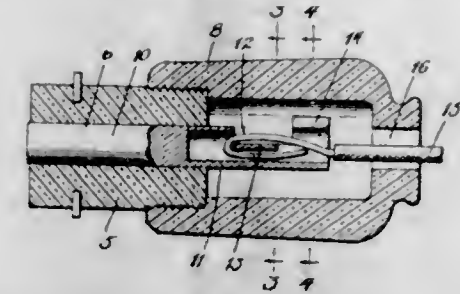
1. A valve-seat reamer, comprising an operating member, a guide stem removably attached thereto, and a cutter head removably attached in fixed axial position to said operating member and guide stem, said cutter head having a non-cutting portion adapted to bear against the valve-seat and limit the depth of the cut.

1,641,869. FURNACE. MYRON L. SEVERSON, Passaic, N. J. Filed Aug. 24, 1925. Serial No. 52,026. 1 Claim. (Cl. 126-113.)



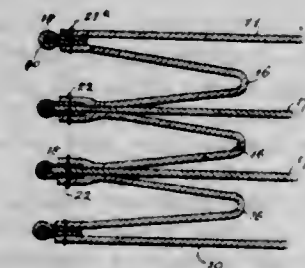
A device of the character described including a fire box, an annular water chamber surrounding the fire box, an inner and an outer casing supported above the fire box, a water tank at one side of the fire box and having communication with both the inner and outer casings, a third casing arranged within the inner casing having corrugated walls, a ring-like water casing at the top of said corrugated casing, a removable cap mounted upon said ring-like water casing, the said cap carrying a hook-shaped partition to impede the progress of the products of combustion, and an S-shaped fuel feeding tube passing through the said casings with its inner end opening directly into the fire box.

1,641,870. AUTOMOBILE LIGHT PLUG. FRANK E. SHAFER, St. Libory, Nebr., assignor of one-half to William Placke, St. Libory, Nebr. Filed May 12, 1926. Serial No. 108,597. 4 Claims. (Cl. 173-36.)



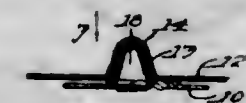
1. A plug of the class described including a cylindrical shell having a bore, a solid contact bar in the bore and merging at one end into a cylinder provided with a slot having an integral bridge extending thereacross, and said cylinder terminating in a pair of spring clip arms of ogee formation.

1,641,871. BRIEF CASE. SAMUEL SOLOMON, New York, N. Y. Filed Oct. 8, 1926. Serial No. 140,297. 6 Claims. (Cl. 150-1.6.)



1. A brief case including front and rear sections defining a receptacle, a flap on the rear section adapted to be folded over the upper edge of the front section and means for reinforcing the edges of the sections including welt pieces defining hollow beads and U-shaped spring wire reinforcements in the beads forming the bottom and side edges of the sections, said reinforced beads projecting laterally beyond the edges of the front and rear sections and constituting buffers.

1,641,872. COMPOSITE WIRE LATH. RAYMOND J. SOUTHWELL, New Rochelle, N. Y., assignor to Wickwire Spencer Steel Company, New York, N. Y., a Corporation of Delaware. Filed July 30, 1926. Serial No. 125,860. 4 Claims. (Cl. 72-119.)

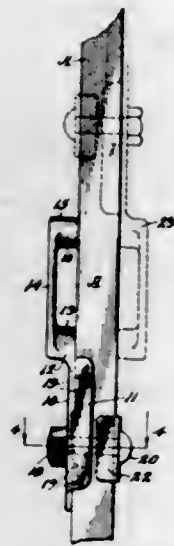


1. A composite wire lath having, in combination, a sheet of wire fabric, a layer of fibrous sheet material disposed adjacent and immediately in rear of said wire fabric, a plurality of substantially V-shaped metal stiffening strips having their open sides forwardly disposed and abutting the back of said fibrous material, and means to secure said stiffening elements, said fibrous material and said wire fabric permanently together to form a unitary structure.

1,641,873. LUG-STRAP SUPPORT. TOFIC A. TAHAN, Union City, N. J. Filed Jan. 8, 1927. Serial No. 159,857. 2 Claims. (Cl. 139-154.)

1. A lug strap support comprising a retaining plate having an outwardly disposed shoulder at its upper end with an inclined supporting face, an offset guard from the outer portion of said shoulder terminating in a free

end and having an inwardly disposed lug at the upper end of the guard engaging a side of a stick but free from the edges thereof and formed with a bearing face

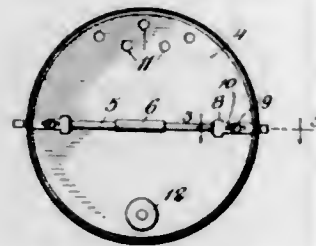


for a lug strap, and means extending longitudinally of the plate below said shoulder for retaining the plate against lateral movement upon a stick.

1,641,874. METHOD OF APPLYING CEMENT HARDENER AND WATERPROOFING TO THE MAIN BODY AND FACE OF A CONCRETE BRICK. CYRUS S. WERT, Kendallville, Ind. Filed July 17, 1923. Serial No. 652,179. 3 Claims. (Cl. 18—60.)

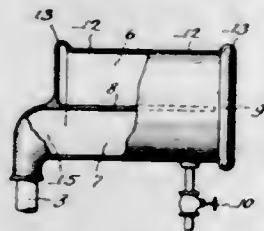
1. A process for making hard and waterproof cement blocks and the like which consists in mixing a dry aggregate of sand and Portland cement, then mixing the aggregate to a semi-wet state by thoroughly commingling therewith water containing hardening and waterproofing chemicals, subsequently placing the semi-wet material in a mold and working up moisture from the main body of the block to the surface thereof, and then placing on said moisture surface of the block a surface layer of facing material and coloring matter thereby to form a homogeneous body and facing structure.

1,641,875. AUTOMATIC DAMPER. JOSEPH BEAULIEU, Lynbrook, N. Y. Filed Mar. 8, 1927. Serial No. 173,722. 2 Claims. (Cl. 126—292.)



1. In combination with a pipe, a damper in the pipe, a shaft connected to the damper and projecting through the pipe, and adjustable plates on the damper engaging the inner wall of the pipe to center the damper therein.

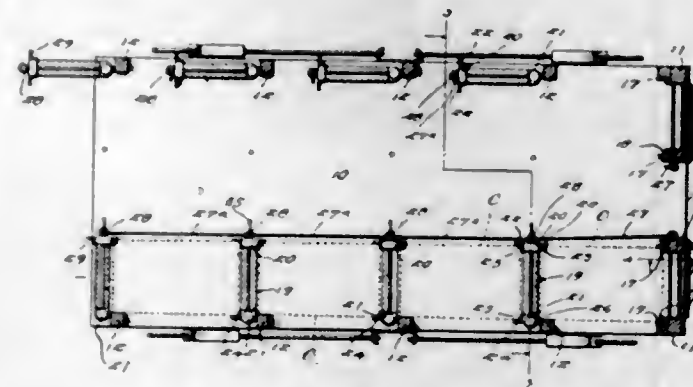
1,641,876. STEAM PRESSING APPARATUS. NICHOLAS BENENATI, New York, N. Y. Filed Aug. 18, 1926. Serial No. 129,904. 3 Claims. (Cl. 68—9.)



1. A polished pressing apparatus comprising a cylindrically-shaped casing, a pressing surface on the outer face thereof over which the articles are drawn back and

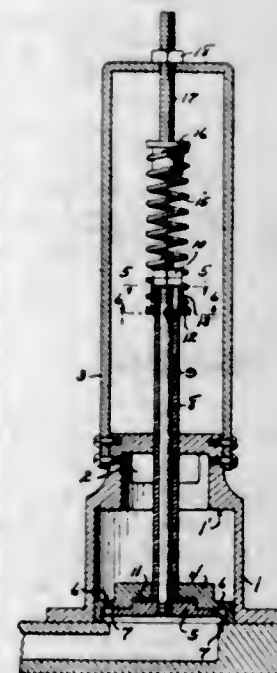
forth when being pressed, a port admitting steam to said casing to heat the pressing surface, a plurality of steam outlets in said pressing surface, and a partition wall in said casing dividing the casing longitudinally thereof into upper and lower chambers to prevent the direct passage of steam from said port to said outlets and an opening in the said wall remote from said steam inlet port to permit the passage of the steam from the lower chamber into the upper chamber and through the steam outlets in the pressing surface.

1,641,877. VEHICLE BODY. WILLIAM H. BENNETT, Calvin, Okla. Filed Nov. 16, 1926. Serial No. 148,712. 8 Claims. (Cl. 119—12.)



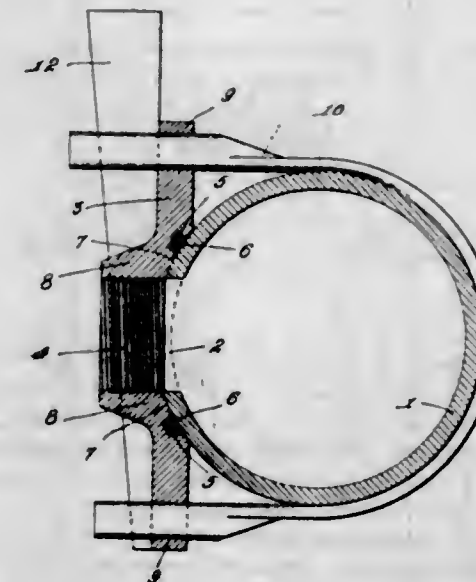
1. In a device for transporting poultry in crates, a base, a plurality of gates pivoted to the base and each having at its free edge at opposite side faces thereof vertically extending channels adapted to receive a corner of a tier of coops, the hinged edge of the gate having upon one side face thereof a vertically extending channel adapted to receive a corner of a tier of coops and a vertical abutment adjacent the opposite side of the hinged edge of the gate and combining with the last named side of the hinged edge of the gate when in one position to provide a channel for the reception of a corner of a tier of coops.

1,641,878. HYDRAULIC RAM. JOHN L. BOLAND, Wilmore, Pa. Filed Jan. 8, 1926. Serial No. 80,092. Renewed June 20, 1927. 3 Claims. (Cl. 103—77.)



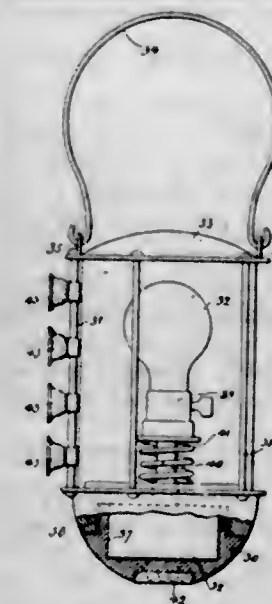
1. In a ram, a waste valve, adjustable spring means for holding the same off its seat and adjustable means for regulating the amount of water passing through the valve.

1,641,879. PIPE SADDLE. GURDON G. BRADY, Arkansas City, Kans. Filed Mar. 6, 1924. Serial No. 697,378. 1 Claim. (Cl. 137—73.)



A pipe saddle consisting in a substantially rectangular shaped body having a curved under portion adapted to fit the contour of a pipe, the inner surface of the curved portion provided with a recess, said recess adapted to carry packing, the said body having a centrally arranged threaded opening and also provided with holes arranged at each corner, a wide strap portion provided with U-shaped ends, the arms of the U-shaped ends being slotted near the extremities of the said arms, wedges engaging the slotted portion of the arms, whereby the arms coming through the holes on opposite sides of the body are engaged simultaneously by the same wedge.

1,641,880. HAND LANTERN. GEORGE COHEN, New York, N. Y. Filed Aug. 6, 1926. Serial No. 127,660. 2 Claims. (Cl. 240—10.5.)

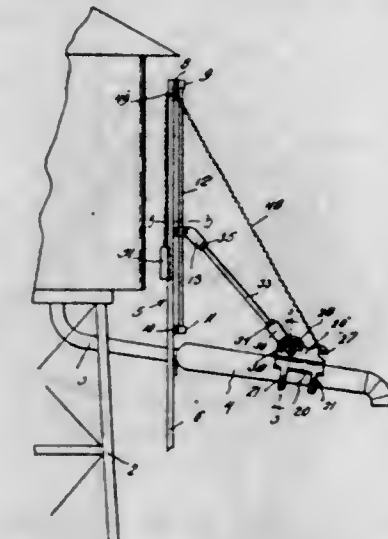


1. A hand lantern including a base constituting a battery casing, a top, a skeleton frame connecting the top to the base, a light bulb within the frame deriving current from the battery, and a handle ball on the top, said base being rounded at its bottom and bearing a magnet for the purpose described.

1,641,881. LOCKING DEVICE FOR SPOUTS. VERA DE LAIN, Wymore, Nebr. Filed Apr. 27, 1927. Serial No. 186,993. 3 Claims. (Cl. 137—21.)

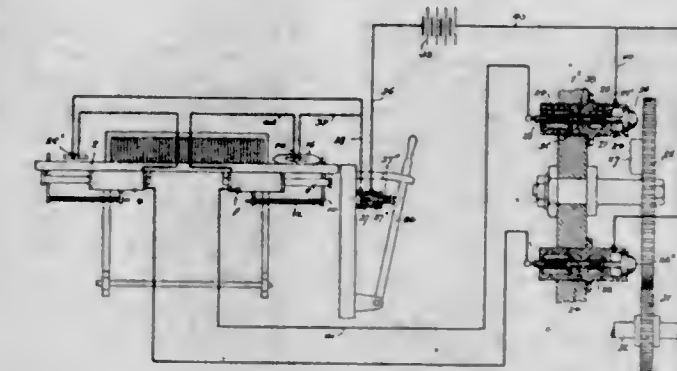
1. In combination with a maat, and the vertically swinging delivery spout of a railroad water supply tank, of a saddle secured on the spout, a vertically swinging

head member connected to the saddle, an additional head member adapted for vertically alidable movement on the maat, interconnecting means between the head members,



and cooperating means between the lower head member and the saddle for locking said pivoted head member against vertical swinging movement to hold the spout in a lowered position.

1,641,882. SHUTTLE-THROWING DEVICE. CLAUDE CHAPMAN FARWELL, Groton, Mass. Filed July 20, 1926. Serial No. 123,740. 6 Claims. (Cl. 139—134.)



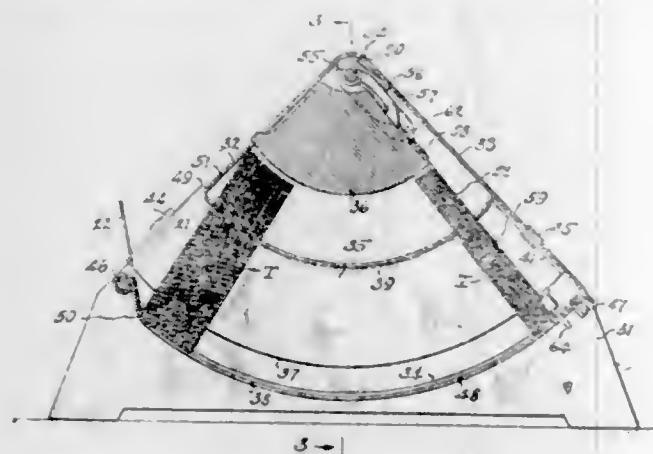
1. A shuttle throwing device including a solenoid, a core adapted to be attracted by the solenoid, means for retracting said core, an arm connected with the core for engaging and throwing a shuttle, a binder for normally holding the shuttle against movement until said arm functions and an electromagnetic member acting on said binder for pulling the same away from the shuttle substantially at the same time as said arm starts to function.

1,641,883. PROCESS AND APPARATUS FOR DRAWING SHEET GLASS. ENOCH T. FERGUSON, Toledo, Ohio, assignor to The Libbey-Owens Sheet Glass Company, Toledo, Ohio, a Corporation of Ohio. Filed Jan. 22, 1926. Serial No. 82,904. 2 Claims. (Cl. 49—17.)



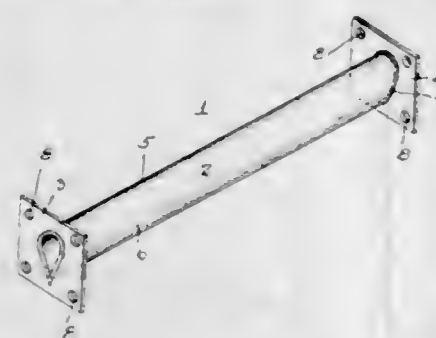
1. In a sheet glass drawing apparatus, including means containing molten glass, means for drawing a sheet of glass therefrom, and rolls having substantially the form of an oblate spheroid, engageable with the sheet edges.

1,641,884. TICKET-DISPENSING APPARATUS. JOHN M. FERNANDEZ, New York, N. Y. Filed Aug. 10, 1925. Serial No. 49,470. 7 Claims. (Cl. 211-37.)



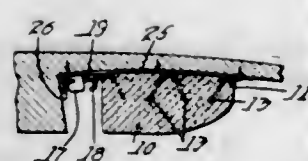
4. A ticket dispensing device comprising a magazine for maintaining therein a multiplicity of tickets in stack formation, said magazine comprising a top, arcuate side plates, and an arcuate bottom, there being an opening at one end of said magazine through which one ticket at a time is withdrawn; an abutment on said bottom against which the end of each ticket is presented to cause it to be disposed so that it may be grasped for removal of the ticket through said opening, and follower means moving in a curved path and continuously acting on the stack of tickets to feed one ticket at a time to the abutment.

1,641,885. CROSS BRACE. KENNETH C. GARDNER, Greenville, Pa., assignor to The Greenville Steel Car Company, Greenville, Pa., a Corporation of Pennsylvania. Filed June 23, 1927. Serial No. 200,835. 3 Claims. (Cl. 105-406.)



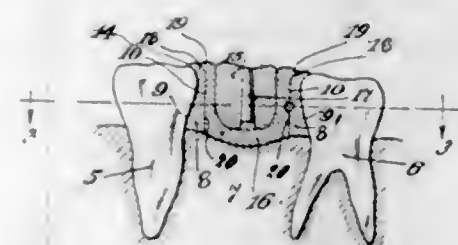
1. A brace member for railway car bodies having an elongated hollow central member and separate flat end plates integrally secured thereto by a fillet at the inner surface of each end plate and spaced from the end of said central member.

1,641,886. DETACHABLE ARCH SUPPORT. FRANK J. GIBBONS, Worcester, Mass. Filed Aug. 27, 1926. Serial No. 132,008. 5 Claims. (Cl. 36-76.)



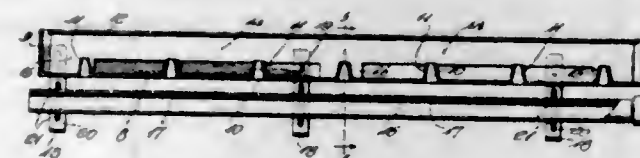
1. In an arch support, the combination with a plate adapted to be fixed to the sole of the shoe at the shank and to project against the front of the heel, said plate having means at the front thereof for pivotally engaging the front of an arch support, and means at the rear thereof at the front of the heel for detachably connecting it with the rear of the arch support.

1,641,887. REMOVABLE DENTURE. JACOB GOLDFARB, Brooklyn, N. Y. Filed Jan. 6, 1925. Serial No. 770. 6 Claims. (Cl. 32-12.)



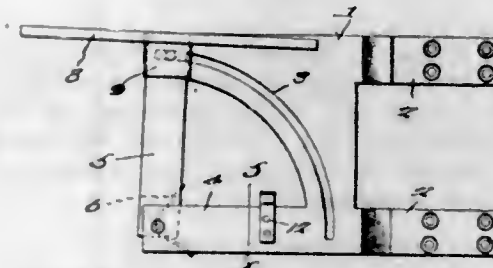
1. In a removable denture; two abutment members, shaped to conform with the distal surface of the one respectively to the opposed mesial surface of the other one of two spaced natural teeth and entirely covering the said opposing surfaces of the teeth; the said abutment members having projections extending from the before mentioned surfaces around the edges leading to the lingual surfaces, the labial surfaces and the occlusal surfaces of the said natural teeth; the said abutment members having further opposed plane distal respectively mesial surfaces; and a saddle member having an artificial tooth secured therein, adapted to be inserted between the said abutment members so as to press them against their respective adjoining natural teeth; said saddle member being adapted to be removed from between the abutment members and on removal of the saddle member the said abutment members being adapted to be removed severally from their respective natural teeth.

1,641,888. GAS BURNER. HUGH HOLLEMAN, Smackover, Ark. Filed June 1, 1926. Serial No. 113,092. 2 Claims. (Cl. 158-106.)



1. A gas burner comprising an elongated trough-like body having spaced air and gas inlets in its bottom, an elongated baffle supported at the top of said body and spaced from the side wall thereof to provide an outlet for the mixture of gas and air, said baffle having downwardly projecting flange means within said body to check the discharge of gas and air and insure thorough mixing thereof, said flange means having downwardly projecting leg portions resting on the bottom of the body, and a gas supply pipe under the body having a plurality of discharge orifices in line with said gas and air inlets.

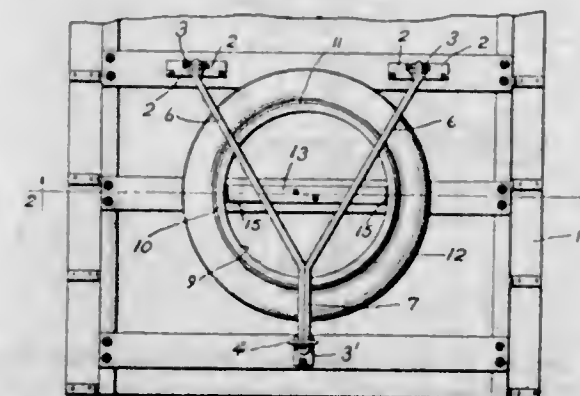
1,641,889. GLARE SHIELD. HENRY H. IRWIN, Greenville, S. C. Filed June 2, 1926. Serial No. 113,226. 2 Claims. (Cl. 296-97.)



1. An anti-glare device for a vehicle comprising a supporting frame having an arc-shaped slot therein, a lever pivoted to the frame, a second frame, a transparent member carried thereby, an arm on the second frame having a projection thereon engaging the slot, means for connecting the arm with the lever, and means for connecting the arm with the transparent member.

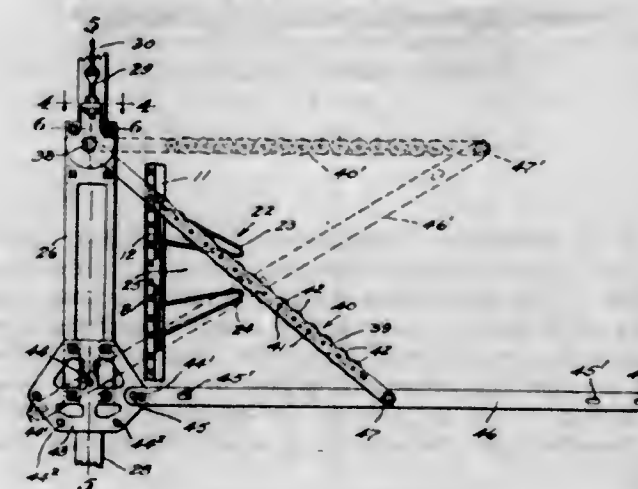
the arm with the lever, such means passing through the projection, means for holding the lever in the lowered position and means for holding the lever in its raised position.

1,641,890. TIRE CARRIER. ELMER B. JACKSON, Brawley, Calif. Filed Sept. 1, 1926. Serial No. 133,006. 2 Claims. (Cl. 224-29.)



1. A spare tire carrier designed to be arranged on the bottom of a vehicle body, comprising a substantially Y-shaped member having its angle ends hingedly supported, a hasp for engaging the straight end of the member, means for locking the hasp to the member, a ring supported by the Y-shaped member and having a flanged end, and an arched spring member fixed to the vehicle body and having angle ends which are disposed opposite the flange of the rim.

1,641,891. PORTABLE ELEVATOR. ERIC JOHNSON, Seattle, Wash. Filed Nov. 2, 1925. Serial No. 66,246. 5 Claims. (Cl. 198-156.)

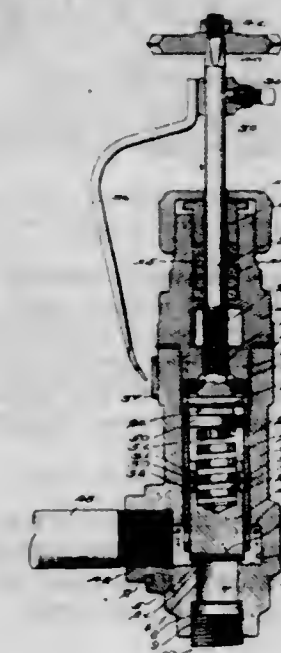


1. The combination with an elevator frame, a conveyor chain operating vertically in said frame, and load carrying flights attached to said chain, of a hanger connected for vertical movement on the elevator frame, means to regulate the height of said hanger, a carrier pivotally connected at one of its ends to said hanger, and a bracket bar pivotally connected to the hanger and to the carrier said bar being adapted to be arranged for supporting the latter interchangeably in a load holding position and in position to eject loads from the conveyor flights when the latter are in motion.

1,641,892. VALVE. FRED T. LANE, Spokane, Wash. Filed Mar. 5, 1926. Serial No. 92,550. 1 Claim. (Cl. 251-3.)

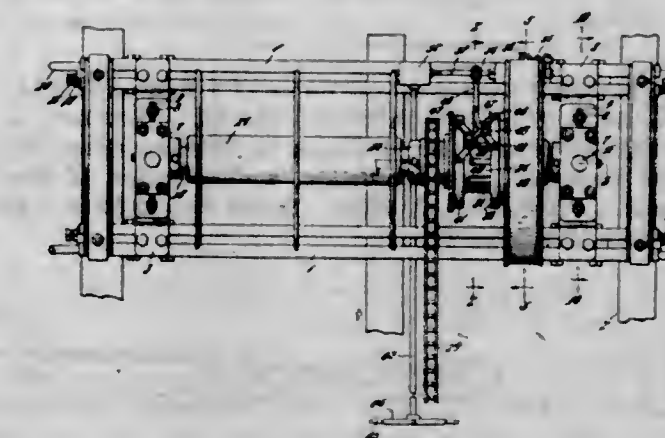
A valve comprising a casing having an inlet at one end and having a lateral outlet adjacent to said inlet, said valve casing being formed to produce an inwardly extending valve seat at the inner end of the inlet, a valve

block slidable in the valve casing to and from position to bear against said valve seat and to then close said inlet, a valve stem extending from the opposite end of said valve casing and having a portion in threaded engagement with the adjacent end portion of the valve casing, the inner end portion of said valve stem being enlarged, a thrust imparting adapter disk movable within the valve casing and being disposed against the inner end of said valve stem, an expansion spring between said adapter disk and said valve block, a lifter sleeve disposed within said valve cas-



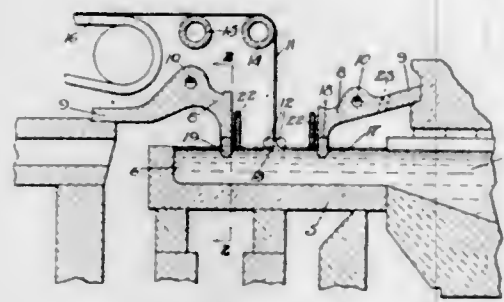
ing in encircling relation to said valve block, said lifter sleeve being capable of axial and rotary movement in the valve casing, means connecting the upper end portion of said lifter sleeve with the valve stem, said valve block having a circumferentially extending groove in its outer face, and a projection carried by said lifter sleeve and extending into said groove, the end portion of said lifter sleeve nearest to said inlet having radial apertures for the circulation of fluid therethrough when said valve block has been moved in the lifter sleeve away from its seat.

1,641,893. SAND REEL. CHARLES WESLEY LYNCH, Perry, Okla. Filed Feb. 27, 1926. Serial No. 91,156. 4 Claims. (Cl. 192-17.)



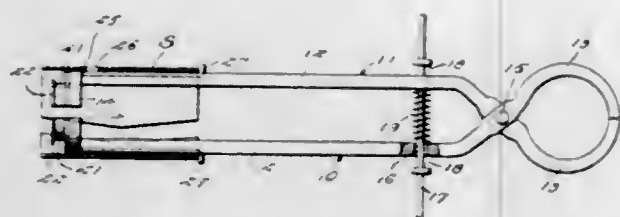
3. An apparatus of the class described, comprising a shaft, means for rotatably supporting the same, a driving sleeve rotatably mounted on the shaft, means for rotating the same, a brake drum keyed to the shaft, a disk clutch for connecting the sleeve and drum together, a clutch lever connected with the clutch, a brake band on the drum, a lever for operating the same, a longitudinally movable member connected with the two levers and manually controlled means for moving said member.

1,641,894. SHEET-DRAWING APPARATUS. NESTOR MAMBOURG, Lancaster, Ohio, assignor to The Libbey-Owens Sheet Glass Company, Toledo, Ohio, a Corporation of Ohio. Filed Oct. 13, 1924. Serial No. 743,233. 8 Claims. (Cl. 49—17.)



1. In a sheet glass drawing apparatus, including a draw-pot having a bath of molten glass therein, and a lip-tile arranged above the pot, a removable member interposed between the end of the lip-tile and the glass and extending below the surface of the glass, said member being adapted to be removed without interfering with said lip tile.

1,641,895. TOOL FOR REMOVING AND INSERTING BEARING SLEEVES AND BEARINGS. FRED MERDIAN, Vancouver, Wash. Filed Sept. 23, 1926. Serial No. 137,296. 6 Claims. (Cl. 29—88.2.)



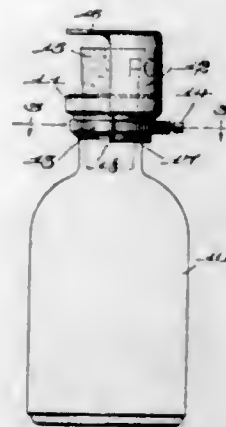
5. A tool for inserting and removing bushings comprising a pair of pillar connected elements the handle portions of which at the free ends thereof are complementary to provide a substantially circular element adapted to engage within the bushing, the jaw portions of the elements engaging while the free ends of the handle portions are still spaced apart a distance greater than the internal diameter of the bushing, one of said handle portions having a lug for engagement in an opening in the wall of the bushing.

1,641,896. METHOD AND APPARATUS FOR ANNEALING AND COOLING SHEET GLASS. WILLIAM L. MONRO, Pittsburgh, Pa., assignor to Window Glass Machine Company, Pittsburgh, Pa., a Corporation of New Jersey. Filed Feb. 12, 1924. Serial No. 692,248. 14 Claims. (Cl. 49—47.)



1. In the method of annealing and cooling sheet glass, the steps consisting in supplying flat hot glass to a horizontally extending lehr tunnel, providing substantially smooth and continuous streams of gases through the tunnel above and below the glass level, and amplifying the cooling effect of the lower stream relative to the upper stream by increasing the velocity thereof above its natural velocity, substantially as described.

1,641,897. GUARD FOR POISON BOTTLES. WADE MOSES, Cleveland, Ohio. Filed Aug. 21, 1926. Serial No. 130,707. 4 Claims. (Cl. 215—9.)



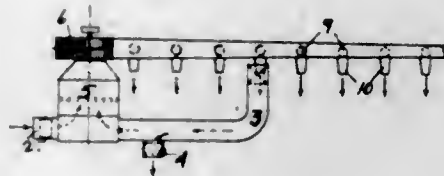
1. A device of the character described, including a shield adapted to partially surround and overlie a bottle stopper, and a ring adapted to encircle a bottle neck and with which the shield is loosely connected and having means for engaging a portion of said shield to clamp it against the neck of a bottle.

1,641,898. GLASS FURNACE. JOSEPH M. NEENAN, Shreveport, La., assignor to The Libbey-Owens Sheet Glass Company, Toledo, Ohio, a Corporation of Ohio. Filed May 7, 1924. Serial No. 711,523. 11 Claims. (Cl. 49—54.)



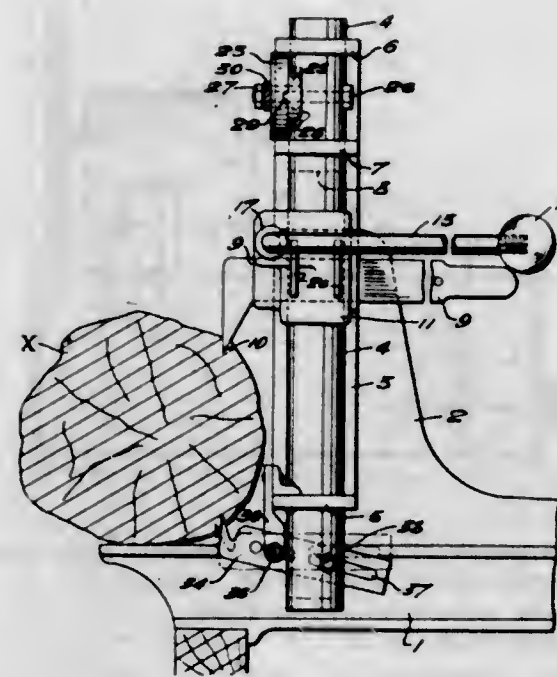
1. In a continuous tank-furnace for supplying molten glass to a glass-working machine, means for restricting the flow of the upper glass strata through the tank, comprising an internally water-cooled metallic partition member extending transversely across the tank and projecting down through the uppermost strata of the molten glass, and having a slot or passage for allowing the glass to flow therethrough, the slot being below the normal glass level.

1,641,899. SYSTEM OF VENTILATING AND HUMIDIFYING. EUGENE NESDAHL, Camden, N. J. Filed Aug. 20, 1924. Serial No. 733,087. 6 Claims. (Cl. 34—19.)



1. In a construction of the character stated, a combination of a room to be ventilated, and an upper air inlet adjacent to the ceiling and disposed to project the air downwardly, a lower air inlet near the floor of said room and disposed to project the air across the room near the floor line, an air outlet near the ceiling of the room, and means to force a supply of air through said upper and lower air inlets simultaneously.

1,641,900. SAWMILL DOG. WILLARD NEWSOM, Montgomery, Ala. Filed June 3, 1926. Serial No. 113,499. 11 Claims. (Cl. 143—127.)



1. A saw mill dog comprising a supporting bar having a slot therein, a split slide thereon, a dog bit engaged by the slide and having its body extended into the slot in said bar, and means for contracting the slide to cause it to grip the supporting bar and to grip and hold the dog bit.

1,641,901. FASTENER. WALTER H. PIERCE, Watertown, Mass., assignor to Carr Fastener Company, Cambridge, Mass., a Corporation of Maine. Filed Nov. 18, 1924. Serial No. 750,595. 6 Claims. (Cl. 24—219.)

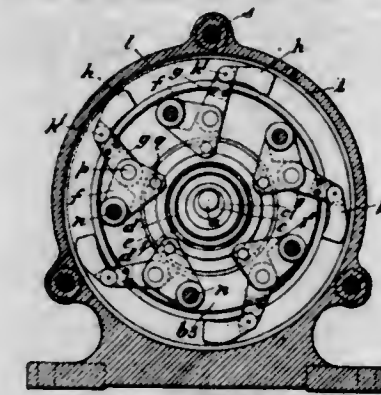


1. A fastener stud comprising, in combination, a cap member having a head, a neck and a flange portion, a cooperating attaching member having a flange portion and a wall portion projecting from the outer periphery of the flange portion to provide a cup-shaped part, and an attaching part projecting from said cup-shaped part, one of said portions of the cup-shaped part cooperating with the head of the cap and the other portion cooperating with the flange of said cap to support said attaching part.

1,641,902. TRANSMISSION GEARING. WALTER CHARLES PITZER, Eltham, England, assignor to Albert Edward Osborne. Filed July 3, 1922. Serial No. 572,569, and in Great Britain July 19, 1921. 20 Claims. (Cl. 74—54.)

10. A transmission gearing comprising a driving shaft, a driven shaft, a fixed member, a plurality of toggle joints, each comprising two pivotally interconnected

levers, means for imparting radial movement with respect to the driving shaft to one lever in each toggle joint, means at the end of the other lever of the toggle joints



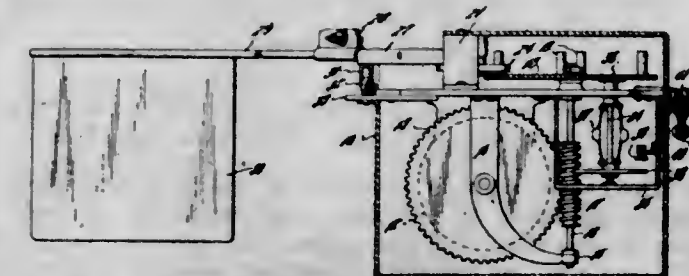
for engaging the fixed member, and means for pivotally connecting the first named lever with a fixed point of the driven member.

1,641,903. PLASTER-BOARD-FASTENING MEANS. JOHN S. RAYNOR, Philadelphia, Pa. Filed May 12, 1926. Serial No. 108,478. 3 Claims. (Cl. 72—118.)



1. A building construction which includes supports, sheets of stiff material having apertures therein adjacent said supports and clips, each of which has a body and a pair of legs, said body engaging the sheet between two adjacent apertures and the legs thereof passing through said apertures for coaction with a support.

1,641,904. FAN. SAMUEL B. RIAL, Tempe, Ariz. Filed Oct. 21, 1925. Serial No. 64,011. 5 Claims. (Cl. 230—1.)

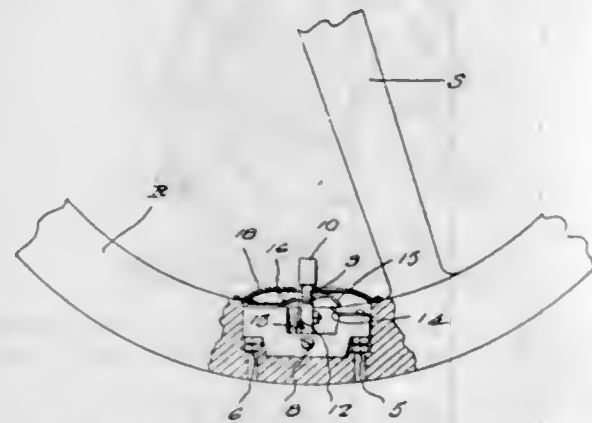


1. A fan comprising a housing, a top therefor, a motor arranged within the housing, a relatively large gear mounted upon the top and operable by said motor, pin members carried upon the face of the gear, a pair of intermeshing segmental gears including slotted portions mounted upon the top and adapted to selectively receive the pin members therein and a fan carried by one of the second mentioned gears.

1,641,905. AUTOMOBILE HEADLIGHT SWITCH. BENJAMIN F. SAVERY, Dexter, Mich. Filed Oct. 1, 1925. Serial No. 59,872. 1 Claim. (Cl. 200—6.)

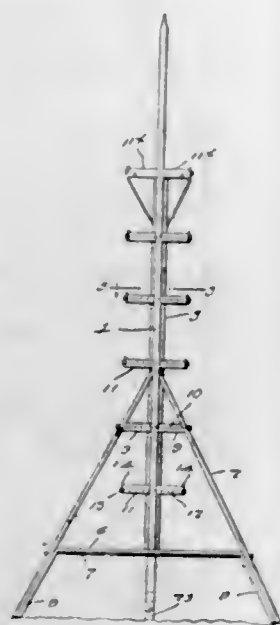
As a new product of manufacture, an automobile headlight switch comprising a body constructed for placement upon the rim of a steering wheel and having a central re-

cessed portion, three binding posts carried by said body, three contact strips, associated with said body, there being a strip connected with each post, two of said strips being arranged in longitudinal alignment with each other and having inner adjacent ends directed angularly and in overlapping relation, the remaining strip having its inner



end portion directed angularly and located over the recess in said body, a pivotally mounted lever carried by said body and located in said recess, and contact shoulders on opposite sides of the central portion of the lever, said shoulders being formulated to provide cams for engagement with the angularly directed inner end portions of said strips.

1,641,906. ORCHARD LADDER. CARL L. SMITH, Hood River, Oreg. Filed Aug. 16, 1926. Serial No. 129,434. 2 Claims. (Cl. 228—32.)

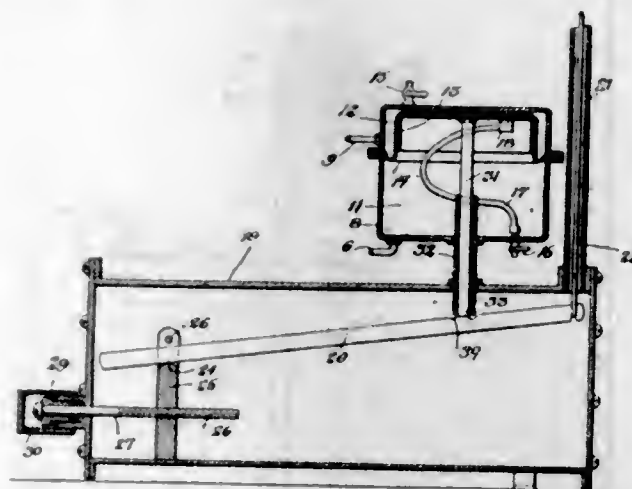


2. The combination in a ladder, of a stile, a back strip fixed to the back of the stile and extending at right angles to the stile laterally beyond the side of the stile and having in its laterally extended portion mortises, steps arranged at the side of and against the stile and having ends seated and supported in said mortises of said back strip; said steps corresponding in width to the combined stile and back strip, and means connecting the steps and the stile.

1,641,907. SHIP'S LOG. RICHARD STAR, Brooklyn, N. Y. Filed June 29, 1926. Serial No. 119,502. 5 Claims. (Cl. 73—122.)

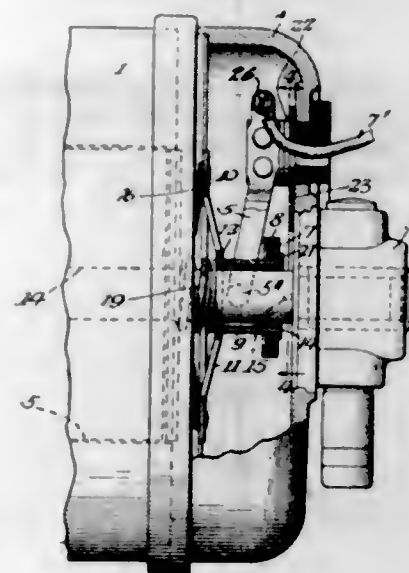
1. In a ship's log an actuator adapted to be actuated by the pressure of water, said actuator including a casing, a tube extending upwardly from the casing and in free communication with the interior thereof, a power transmitting cable positioned in said tube, a lever arranged in said casing connected at one end with said cable, a fulcrum for the opposite end of said lever, means for

shifting said fulcrum for varying the effective length of said lever, a member for operating the lever in one direction, a piston for operating said member, a tube for directing water from the bottom of the ship to one side



of said piston, a Pitot tube for directing water against the opposite side of said piston whereby the pressure of water on the piston will be greater on one side than on the other when the ship is moving forwardly.

1,641,908. STARTING MEANS FOR INDUCTION MOTORS. BRUNO STECHERT, Chicago, Ill., assignor to Bodine Electric Company, Chicago, Ill., a Corporation of Illinois. Filed Nov. 30, 1925. Serial No. 72,365. 7 Claims. (Cl. 172—279.)

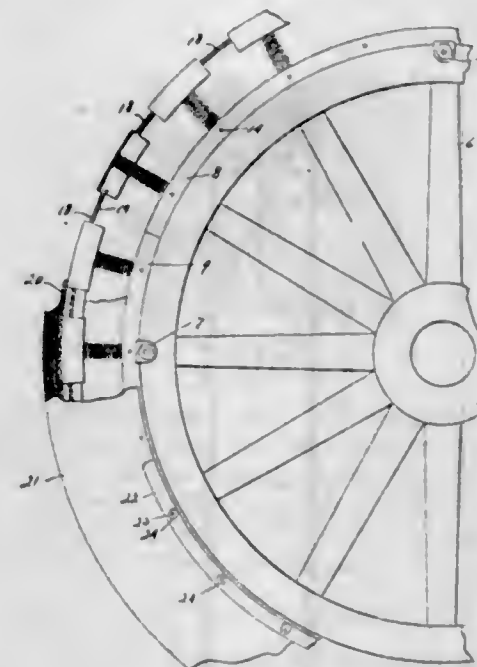


1. In a motor of the class described, a pair of contact members forming terminals of the starter winding, a slidable member slidable upon the shaft of the motor, the said member including an iron element at its inner end and a conductor adapted to be moved into and out of engagement with the contact members by a sliding of the slidable member on the shaft, a spring continuously tending to slide the slidable member outwardly of the motor, and means for cushioning the impact of the slidable member when moved inwardly of the motor through the attraction of the iron element by the armature.

1,641,909. RESILIENT AUTOMOBILE WHEEL. WILLIAM D. THOMAS, Philadelphia, Pa. Filed Mar. 7, 1927. Serial No. 173,341. 3 Claims. (Cl. 152—8.)

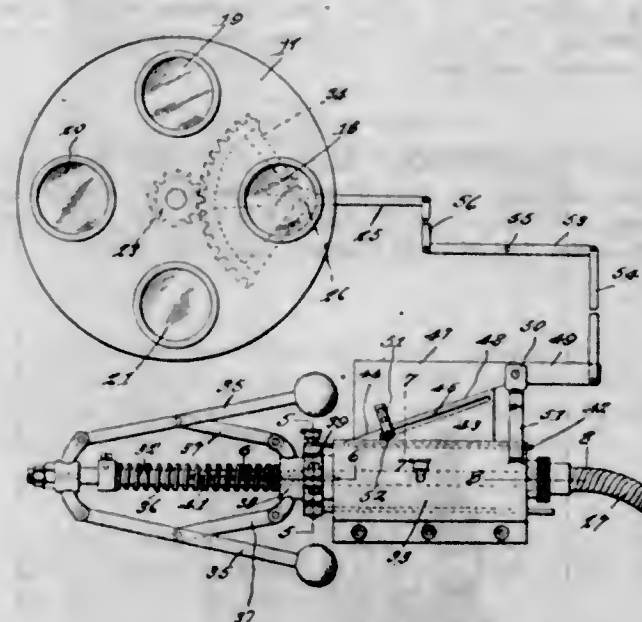
1. In a resilient automobile wheel, a sectional channel ring, springs arranged in sets with their inner ends attached to the channel ring sections, each set including

a number of springs positioned radially of the channel ring, arcuate plates secured to the outer ends of the sets of springs, flexible means connecting the adjacent ends of



adjacent plates, a tire enclosing the springs and plates with its edges overlapping the channel ring, and means to secure the edges of the tire to said channel ring.

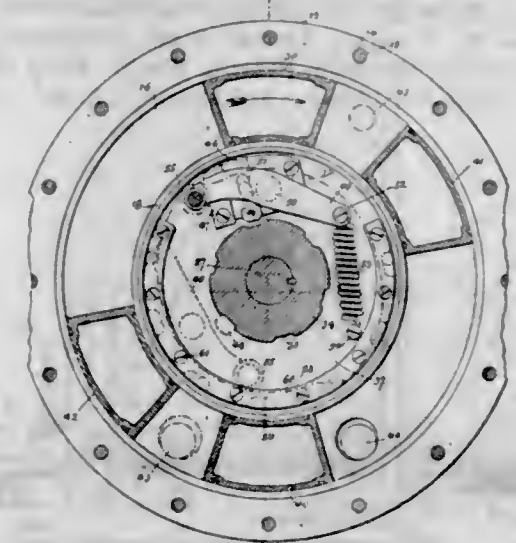
1,641,910. AUTOMOBILE SIGNAL. CASIMIR VON GIZINSKY, Schenectady, N. Y. Filed Nov. 3, 1926. Serial No. 145,999. 2 Claims. (Cl. 116—38.)



1. An automobile signal comprising a casing having a sight opening in one wall thereof, a disk rotatably mounted within the casing and having a gear fixed on the axis thereof, a plurality of signal lenses carried by said disk and varying in color, whereby each lens has a particular significance, governor actuated means controlled by the speed of the automobile for automatically and selectively bringing said lenses to view through said sight opening, said means including a segmental gear meshing with the gear of said disk, a block mounted for sliding movement and connected with said governor, said block having an inclined edge, a second block having a correspondingly inclined edge reposing upon the first mentioned block and mounted for pivotal movement, and actuated incident to the sliding movements of the first mentioned block, a series of levers connecting the second mentioned block with said segmental gear whereby the

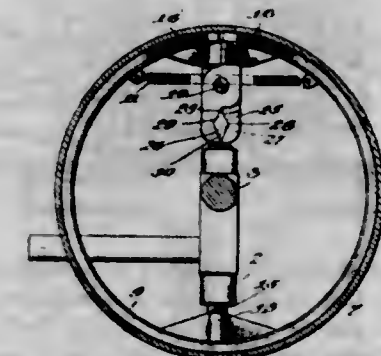
latter is oscillated to rotate said disk, and a lamp arranged within the casing at the rear of said disk and in direct alignment with the sight opening for the purpose specified.

1,641,911. ROTARY ENGINE. TRAUGOTT TSCHUDI, New York, N. Y. Filed July 10, 1925. Serial No. 42,769. 4 Claims. (Cl. 123—11.)



1. In a rotary motor, a stator having a toroidal cylinder, a drive shaft extending axially through the stator, a pair of rotors each having a pair of diametrically disposed arcuate pistons arranged within the cylinder for subdividing the same into a plurality of compartments or chambers adapted upon relative movement of the pistons to vary in size, said cylinder having circumferentially spaced fuel intake and exhaust ports, an ignition device communicating therewith between the points of intake and exhaust, coupling elements keyed to the drive shaft having circumferentially spaced peripheral notches, a radially slidable latch on each rotor adapted upon inward radial movement to engage with one of the notches of the coupling elements to couple its rotor with the shaft, a lever pivoted on each rotor having operative connection with the latch for moving the same radially upon swinging movement of the lever, means for normally swinging the lever to move the latch radially outward to a non-coupling relation, a roller on the lever and a cam element formed on the stator having cam faces with which the roller engages for controlling the movement of the latch actuating levers whereby intermittent coupling of the rotors and drive shaft is effected.

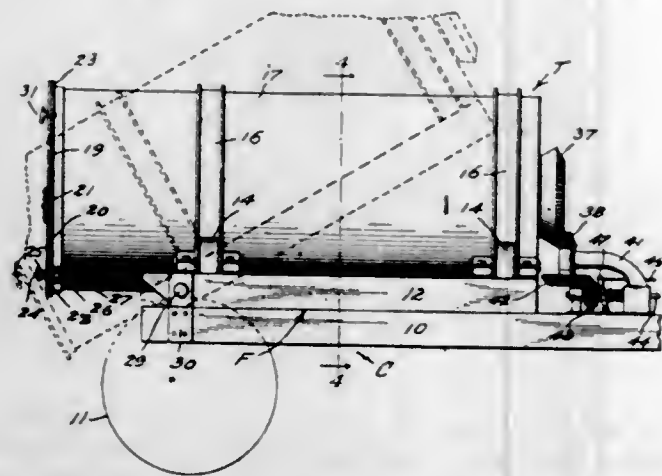
1,641,912. BRAKE. GUS WALKER, Huntington, W. Va. Filed Apr. 12, 1926. Serial No. 101,480. 5 Claims. (Cl. 188—78.)



1. In a brake mechanism for automobiles, the combination with a brake drum, of a split brake ring disposed within said drum and adapted to be expanded against

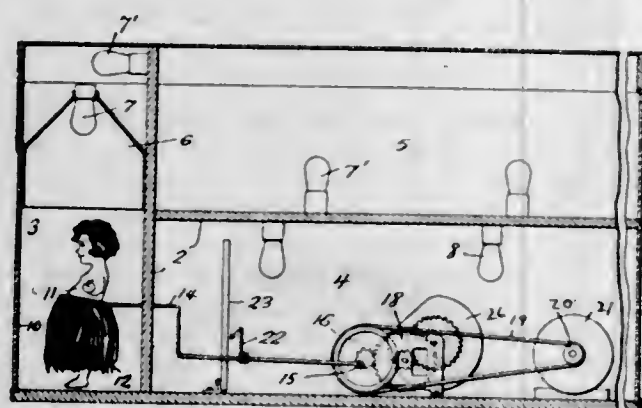
the inner periphery of said drum, a pair of pivoted levers operable to spread the ends of said brake ring to expand said brake ring against the drum, a cam disposed between said levers and operable to actuate said levers to effect spreading of the ends of said brake ring, said levers having cooperative notches in their adjacent faces for producing a space for the reception of said cam, each of said notches having oppositely inclined walls.

1,641,913. PLASTIC-CONCRETE-DELIVERY VEHICLE. WILLIAM M. WALKER, Seattle, Wash., assignor of one-half to Joseph Erickson, Seattle, Wash. Filed Mar. 12, 1925. Serial No. 14,940. 3 Claims. (Cl. 83-73.)



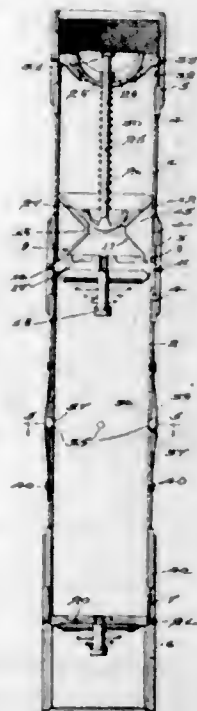
1. In a wheeled vehicle, in combination, a cylindrical tank mounted thereon for both rotary and dumping movements, said tank having an opening in one of its end walls for the reception and discharge of material, a door for said opening, a material stirrer mounted for rotary motion within the tank, power transmission mechanism including a driving gear and a driven gear, and a means for releasably securing said driven gear with the tank whereby said mechanism will effect the rotation of the stirrer in unison with and independently of the tank selectively.

1,641,914. ADVERTISING SIGN. HENRY F. BOILLOT, Marshall, Mo. Filed Oct. 2, 1925. Serial No. 60,103. 1 Claim. (Cl. 46-40.)



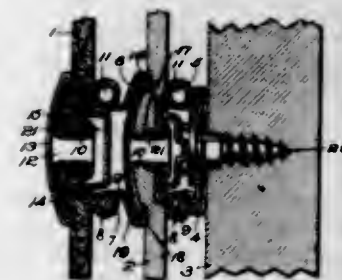
An advertising device comprising a casing, illuminating means therein, a doll in said casing, a rod having one end bent to loosely encircle the waist of the doll, a skirt for said doll and being associated with said rod, a motor operated disk, means for eccentrically connecting the inner end of the rod to said disk whereby to impart reciprocating movement to the rod for simultaneously imparting a shimmying movement to the skirt and a noise making means operated by said rod.

1,641,915. DEVICE FOR CEMENTING WELLS. ALEXANDER BOYNTON, San Antonio, Tex. Filed Dec. 21, 1925. Serial No. 76,839. 4 Claims. (Cl. 166-1.)



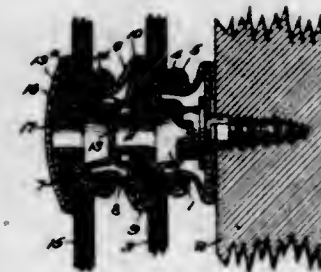
1. A cementing device comprising a discharge section having an opening leading out through its lower end through which the cement is to be discharged and also having a plurality of spaced back pressure valves above the opening and cement discharge openings between the back pressure valves.

1,641,916. FASTENER. MOSES F. CARR, Lexington, Mass., assignor to Carr Fastener Company, Cambridge, Mass., a Corporation of Maine. Filed Nov. 18, 1924. Serial No. 759,586. 9 Claims. (Cl. 24-219.)



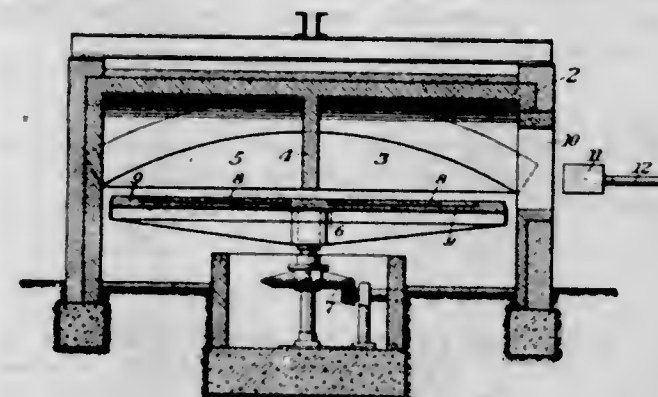
1. A separable fastener stud comprising a cap part having at its outer end an annular rim providing a laterally projecting stud head, a neck portion below said head, and a base below said neck, an attaching part normally assembled with said cap part, said attaching part having a cap portion assembled with the base of said stud and a rivet portion of relatively smaller diameter than the neck of the stud, and means back supporting said rivet portion to prevent improper distortion thereof when the stud is being secured to a stud carrying medium.

1,641,917. FASTENER. MOSES F. CARR, Lexington, Mass., assignor to Carr Fastener Company, Cambridge, Mass., a Corporation of Maine. Filed Nov. 18, 1924. Serial No. 759,587. 7 Claims. (Cl. 24-219.)



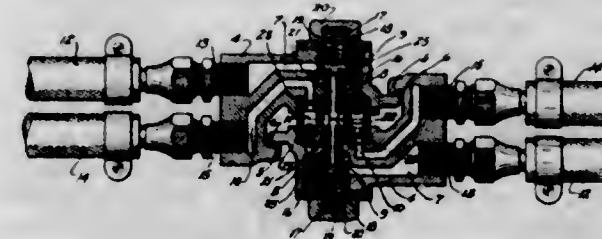
1. A separable fastener stud unit including a head, a neck and a base portion, an attaching rivet secured to said base portion prior to attachment of the stud to a support, and means formed interiorly of the head of said stud for back-supporting said rivet when being upset at the opposite side of the stud support.

1,641,918. APPARATUS FOR FLATTENING SHEET GLASS. ELBRIDGE J. CASSELMAN, Pittsburgh, and NICK GRIFFITH and CHARLES E. JOHNSON, Jeannette, Pa., assignors to Window Glass Machine Company, Pittsburgh, Pa., a Corporation of New Jersey. Filed Aug. 16, 1926. Serial No. 129,342. 3 Claims. (Cl. 49-4.)



1. Apparatus for flattening glass, comprising a chamber having therein a supporting body for the glass to be flattened, said body being of a glass-like character and having a higher melting point than the glass.

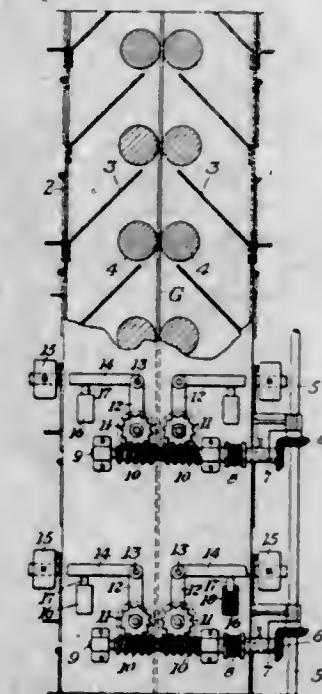
1,641,919. AIR-BRAKE COUPLING. NIELS A. CHRISTENSEN, Milwaukee, Wis. Filed Sept. 28, 1925. Serial No. 59,117. 3 Claims. (Cl. 284-2.)



1. In an air brake pipe coupling, the combination of a pair of interlockable coupling members, each having a pair of passages formed therein, an annular channel-shaped coupling ring secured to each coupling and adapted to contact with the ring of the other coupling when said

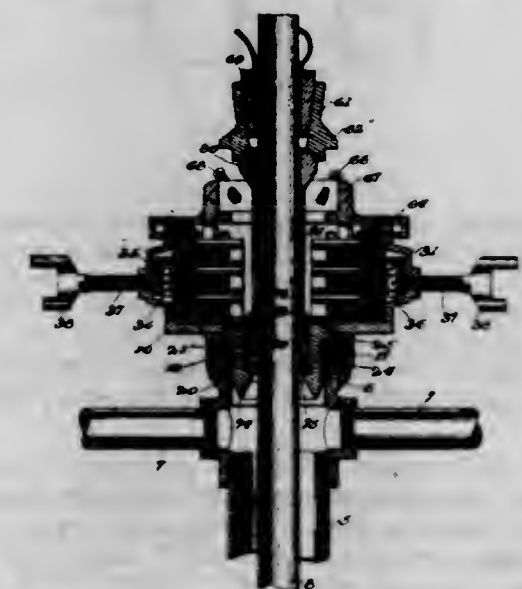
members are joined together to form an annular space and a central passage, one set of passages of said coupling members communicating with the annular space formed by said rings and the other set of passages communicating with the central passage formed by said rings.

1,641,920. SHEET-GLASS APPARATUS. HENRY F. CLARK, Belle Vernon, Pa., assignor to Window Glass Machine Company, Pittsburgh, Pa., a Corporation of New Jersey. Filed Sept. 11, 1926. Serial No. 134,798. 6 Claims. (Cl. 49-17.)



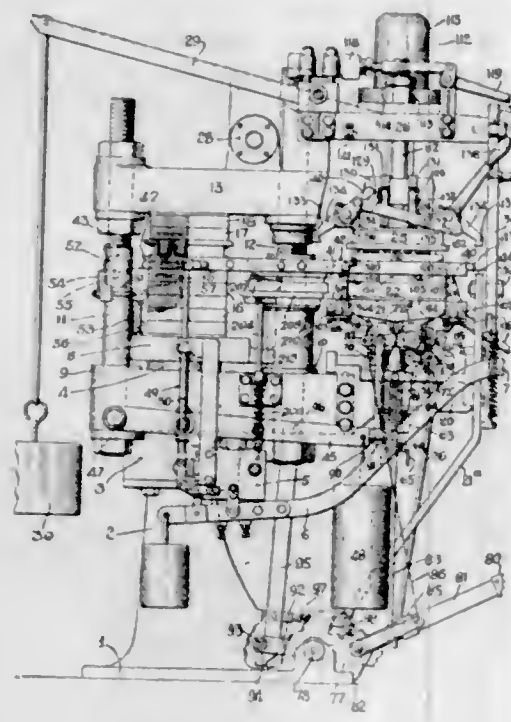
1. Sheet glass apparatus, comprising a traction roll movable toward and away from a glass sheet, and means for supplying an increasing resistance to movement of the roll as it moves toward the glass sheet.

1,641,921. COMBINED CASING HEAD, OIL SAVER, AND TUBING LANDER. ERD V. CROWELL, Los Angeles, Calif., assignor of one-half to The Gulberson Corporation, Dallas, Tex., a Corporation of Delaware. Filed Feb. 20, 1923. Serial No. 620,293. 17 Claims. (Cl. 166-14.)



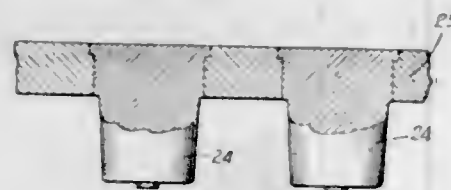
1. The combination of a casing head, a tubing oil saver associated therewith, and a tubing support extending through the oil saver and mounted on the casing head.

1,641,922. MOLDING PRESS. GEORGE HOWLETT DAVIS, Newark, N. J. Filed July 18, 1925. Serial No. 44,579. 23 Claims. (Cl. 18-16.)



1. Press mechanism comprising a main press, a sub-press, hydraulic actuating means therefor, a mold carrier, and means associated with the sub-press for engaging and separating mold parts.

1,641,923. MOLDING APPARATUS AND METHOD. GEORGE HOWLETT DAVIS, Newark, N. J. Filed Sept. 18, 1925. Serial No. 57,129. 17 Claims. (Cl. 18-59.)

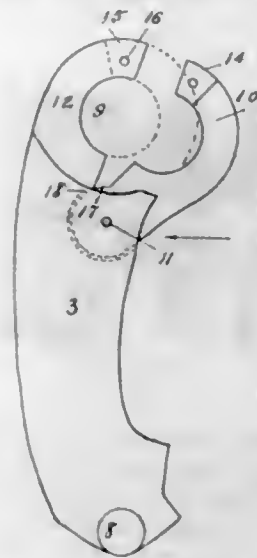


1. A molding method comprising detachably supporting a hollow insert with a core piece therein on a carrier and passing the insert into a mold pocket of a mold body, charging the pocket with moldable material, forming the moldable material in the pocket and about the insert, withdrawing the molded article from the mold pocket and from the insert carrier and removing the core piece.

1,641,924. LATCH LIFTER FOR FREIGHT-CAR COUPLERS. CHARLES FALL and FREDERICK PAULL, Essexville, Mich. Filed Jan. 27, 1925. Serial No. 5,081. 1 Claim. (Cl. 213-219.)

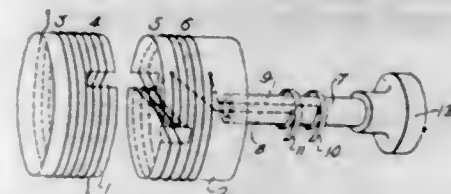
In combination with the lifting crank and liftable lock in a D-type coupler, a latch-lifting link having an eye structure consisting of a fixed jaw, a pivoted jaw, a bearing member on said fixed jaw, a shoulder on said movable jaw adapted to engage said bearing member to

prevent relative longitudinal movement of said jaws when in closed position, the outer ends of said jaws having tongue-and-slot interlocking means, said eye structure



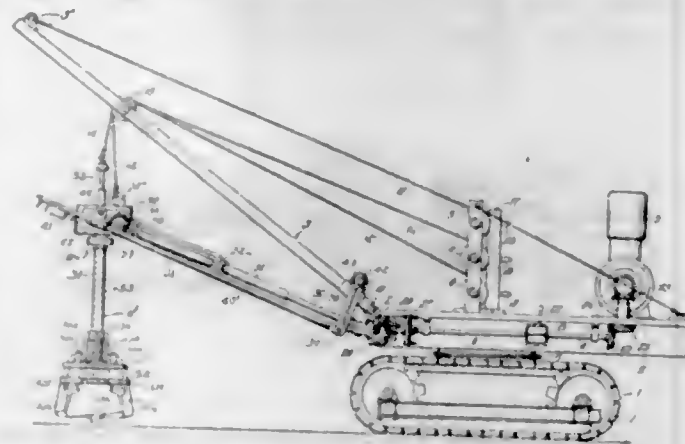
comprising an uncoupling device adapted to disconnect said lifting crank and said link to permit removal of said coupler independent of said crank.

1,641,925. INDUCTIVE COUPLING DEVICE. JOHN C. GABRIEL, New York, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Original application filed Dec. 29, 1923, Serial No. 683,299. Divided and this application filed Dec. 29, 1925. Serial No. 78,149. 9 Claims. (Cl. 171-119.)



1. A coupling arrangement comprising coaxially arranged stationary and movable coils having windings composed of a solenoid section and a figure 8 shaped section, and means for rotating said movable coil through 180° to produce a coupling variable in the same sense and substantially linearly from maximum to minimum.

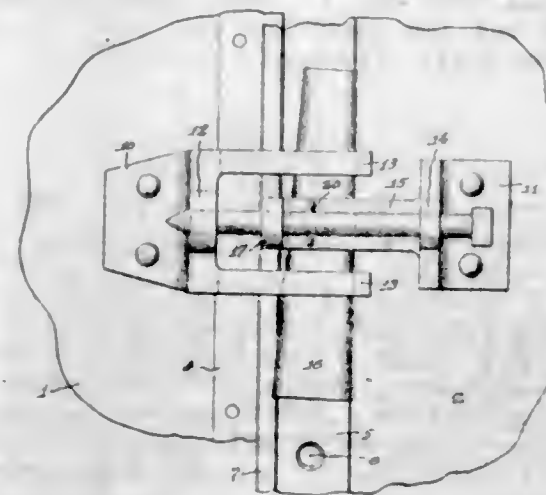
1,641,926. EARTH-BORING MACHINE. GILBERT GENUNG, Chicago, Ill., assignor to John M. Humiston, Berwyn, Ill. Filed May 1, 1925. Serial No. 27,260. 13 Claims. (Cl. 255-19.)



1. An earth boring machine comprising in combination a mobile support, a derrick thereon, an auger suspended from said derrick to swing outwardly from said support,

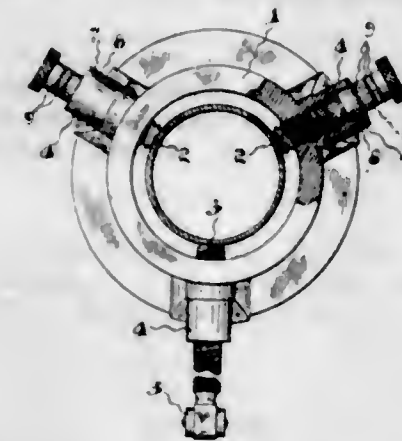
a torque reactor swingingly connected at one end of said auger to accommodate vertical movement relative thereto and having its other end swingingly supported adjacent to the connection of said derrick to said support.

1,641,927. MOLD FASTENER. FRANK J. GREMEL, Detroit, Mich. Filed Aug. 19, 1926. Serial No. 130,175. 3 Claims. (Cl. 25-131.)



1. The combination of mold walls placed edge to edge, fastener brackets adjacent the edges of said mold walls, slotted arms carried by said brackets, and a wedge extending through said slotted arms and adapted for drawing said brackets towards each other.

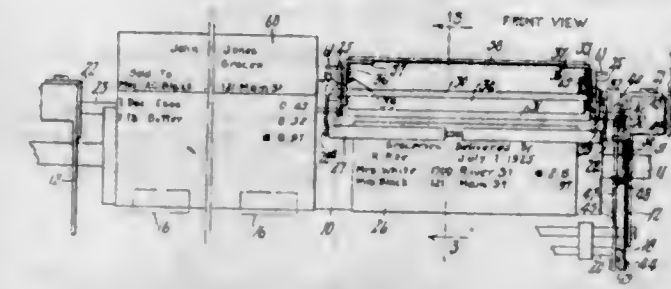
1,641,928. PIPE CUTTER OR THREADER. JAMES VALTIN JARDINE, Hespeler, Ontario, Canada, assignor to A. B. Jardine & Co. Limited, Hespeler, Canada. Filed Mar. 30, 1925. Serial No. 19,272. 1 Claim. (Cl. 10-127.)



In a centering device for pipe cutting and threading machines, the combination of an annular holder adapted for the reception of a series of pipes, any two of which differ in diameter by a predetermined amount or multiples of said amount, and provided with three radially directed holes therethrough, clamping members threaded through said holes, the threads on two of said clamping members having such a pitch that an equal number of turns of both of said members and a similar longitudinal movement of the third clamping member will have advanced or retracted said members a sufficient distance to properly center and clamp another pipe in said series, and resilient means for each of the two first mentioned members tending to prevent further movement of said members upon the completion of a full turn, said means comprising a spring mounted on the ring, a projection on said spring, said clamping member being provided with a groove formed longitudinally thereof in which said projection is adapted to engage.

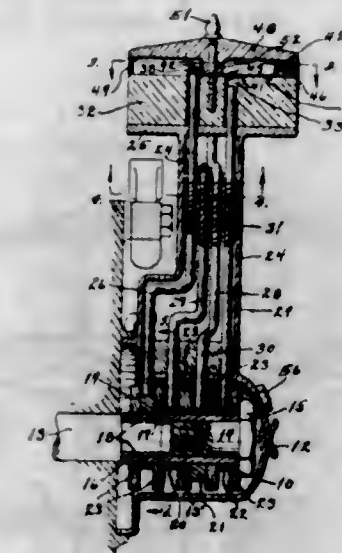
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1,641,929. TYPEWRITING MACHINE. ALFRED G. F. KUROWSKI, Brooklyn, N. Y., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed Sept. 16, 1925. Serial No. 56,617. 3 Claims. (Cl. 197-132.)



1. In a typewriting machine having a platen, a carriage, a feed-roll frame mounted on said carriage in superposed relation to said platen, a feeding couple including a stationary feed-roll mounted in said feed-roll frame above said platen and not engaging the same, a shaft, having an extension, for said upper stationary feed-roll, means associated with said extension and operable to rotate said stationary feed-roll, and a displaceable feed-roll mounted in said feed-roll frame and arranged to engage against the top side of said stationary feed-roll, a pair of arms pivotally mounted on the outside of said frame, at the rear of the pair of feed-rolls, a work-piece-holding roll mounted in the free ends of said arms, the forward portion of said arms being curved upward and over the shaft-extension and then downward below said pair of feed-rolls to engagement with said platen a short distance above the printing-line thereof, and a spring for pressing said work-piece-holding roll against said platen, said work-piece-holding roll being displaceable upwardly and held out of engagement with the platen by said spring when so displaced.

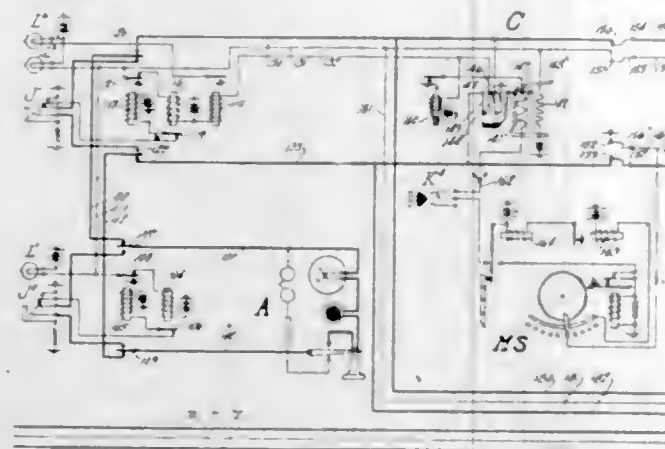
1,641,930. CAM-OPERATED TIMER. GEORGE D. LAWSON, Pocahontas, Iowa. Filed Jan. 10, 1925. Serial No. 1,704. 3 Claims. (Cl. 200-27.)



2. A timer, comprising a housing mounted for rotary oscillation, a plurality of cams mounted for rotation within said housing, a frame formed on said housing, a plurality of push rods mounted for reciprocation in said frame and arranged at one end in the same plane and extending within the housing, each push rod extending within the range of one of said cams, an insulating member carried by said frame, through which said push rods are adapted to project at times, some of said push rods being offset laterally in their upper portions so that their ends are arranged in the form of a polygon, spring means for pressing said push rods against said cams.

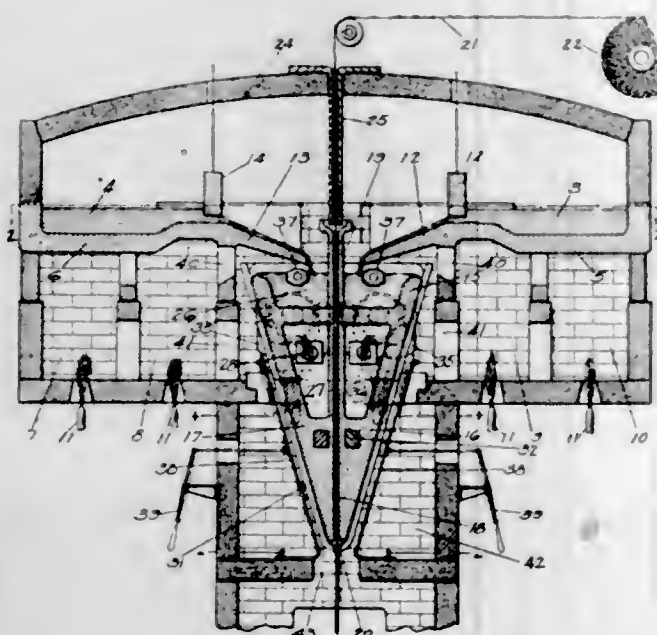
contact members carried by said insulating member and adapted to be engaged by the respective push rods at times, an insulating member extending between and separating the contact portions of said contact members, and means for oscillating said housing and frame to change the position of the push rods circumferentially of the cams.

1,641,931. TELEPHONE SYSTEM. CLARENCE E. LOMAX, Chicago, Ill., assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill., a Corporation of Delaware. Filed May 16, 1921, Serial No. 469,909. Renewed Jan. 5, 1927. 32 Claims. (Cl. 179—27.)



1. In a combined automatic and manual telephone system, subscriber controlled automatic switches for connecting calling and called lines, operator's manual equipment for connecting calling and called lines, and operator controlled means for causing the system to operate as an automatic system or as a manual system at will.

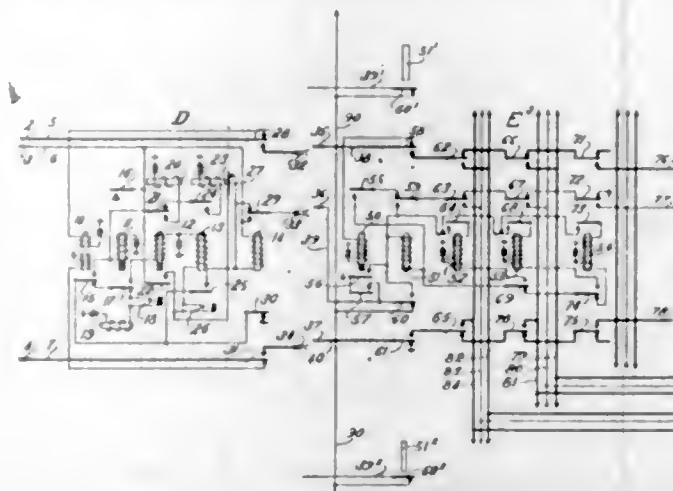
1,641,932. METHOD AND APPARATUS FOR MAKING WIRE GLASS. JOSEPH A. REECE, Toledo, Ohio, assignor to The Libbey-Owens Sheet Glass Company, Toledo, Ohio, a Corporation of Ohio. Filed Mar. 19, 1921, Serial No. 453,704. Renewed Jan. 12, 1925. 11 Claims. (Cl. 49—86.)



1. The method of making wire-glass, by drawing a sheet of wire-mesh downwardly, and flowing a stream of molten glass evenly and continuously from a pool of

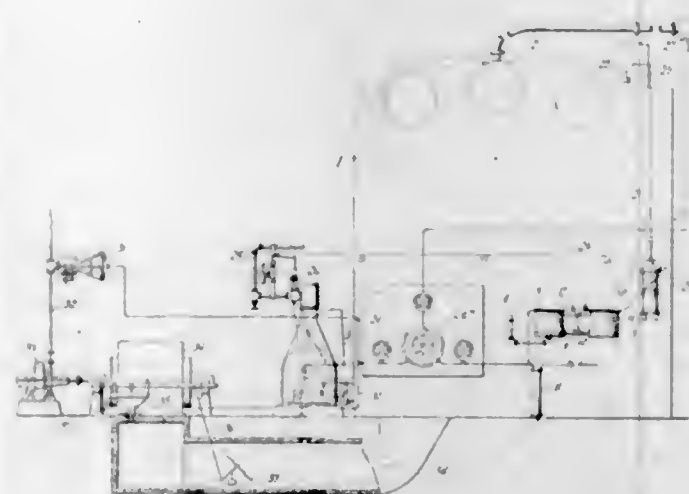
molten glass onto each face of the wire mesh, the exposed surface of each stream flowing from the exposed surface of the pool without touching any solid bodies till after it has formed an outer surface of the glass sheet.

1,641,933. TRUNKING ARRANGEMENT FOR AUTOMATIC TELEPHONE SYSTEMS. RODNEY G. RICHARDSON, Chicago, Ill., assignor to Automatic Electric Inc., Chicago, Ill., a Corporation of Delaware. Original application filed Oct. 11, 1921, Serial No. 507,009. Divided and this application filed June 10, 1925. Serial No. 36,117. 24 Claims. (Cl. 179—18.)



1. In a telephone system, a trunking section comprising incoming and outgoing trunks, each trunk having two line conductors and a release trunk conductor, a switching device for each incoming trunk comprising a relay for each outgoing trunk, and a circuit completed over the release trunk conductor of an incoming trunk when such trunk is taken for use for energizing the particular relay of the associated switching device which corresponds to an idle outgoing trunk.

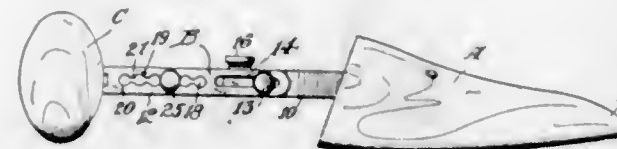
1,641,934. SYSTEM FOR CONTROL OF BOILERS OR THE LIKE. GLENN H. SEELY, Akron, Ohio. Filed May 23, 1925. Serial No. 32,413. 4 Claims. (Cl. 236—14.)



4. In combination with a boiler, a mechanical stoker, an adjustable flue damper, a fan, a duct extending from the fan to the boiler, an adjustable air supply damper in said duct, means for controlling the speed of the stoker and for adjusting the flue damper, said means being operable by pressure of gases above the fire pot of the boiler, means for controlling the speed of the fan, and

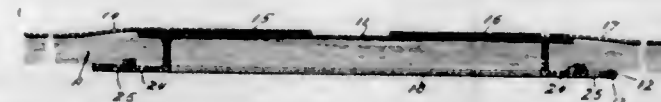
means for adjusting the air supply damper, each of said last-named means being operable by delivery of steam from the boiler, each of said control means operating independently of the other.

1,641,935. SHOE-TREE. JOHN L. SOMMER and BERNARD BIEHL, Sr., Newark, N. J., assignors to J. L. Sommer Manufacturing Co., a Corporation of New Jersey. Filed Mar. 15, 1923. Serial No. 625,205. 13 Claims. (Cl. 12—128.2.)



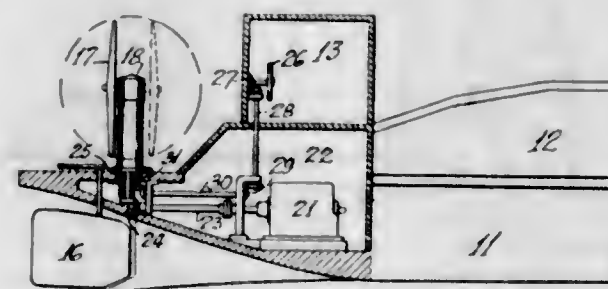
1. A shoe tree including a pair of toe sections each having a portion fixed against motion with respect to its section, such fixed portions overlapping each other and having slideways in their overlapping portions each longitudinally diagonal of its toe section and oppositely disposed from the other so that said slideways cross each other, and an actuating device slidably mounted in said slideways at their point of crossing so that as it moves longitudinally of the sections it moves said fixed portions toward and from each other to adjust the toe sections.

1,641,936. PAPER FASTENER. PAUL STELLMACH, Brooklyn, N. Y. Filed Dec. 30, 1926. Serial No. 157,977. 3 Claims. (Cl. 24—153.)



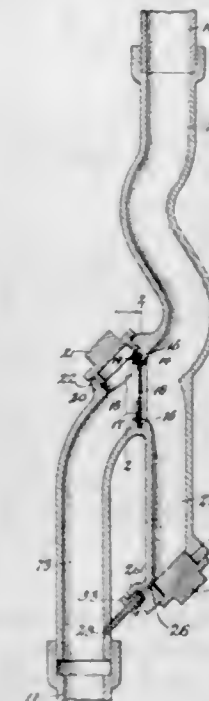
1. A paper fastener formed of a pair of superimposed sheets of ductile material forming a base, and a pair of co-extensive tongues deflected outwardly from a perforated portion of the base.

1,641,937. AIR-PROPELLED BARGE. HUGO SUNDSTEDT, New York, N. Y. Filed Apr. 28, 1926. Serial No. 105,297. 7 Claims. (Cl. 115—35.)



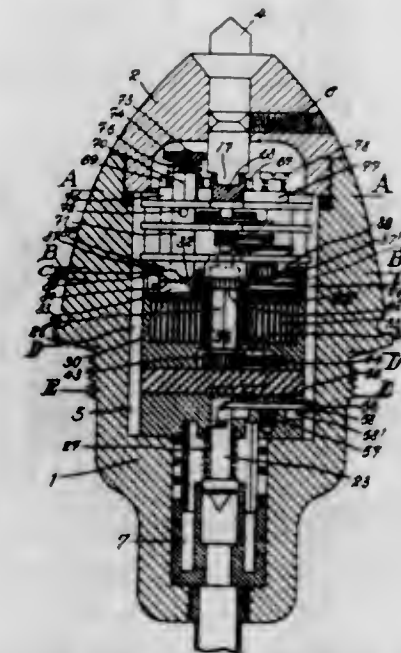
1. In an air propelled barge, the combination, a barge with a hollow upstanding pedestal on the deck, a head rotatably mounted on said pedestal and carrying a propeller, a driving shaft centered in said pedestal and operatively connected with said propeller and a second shaft in said pedestal operatively connected with said head for rotating said head and means below the deck for driving said driving shaft and means for operating said second shaft.

1,641,938. TRAP FOR CONDUCTOR PIPES. FREDERICK A. TRAUT, Buffalo, N. Y. Filed July 30, 1925. Serial No. 47,030. 4 Claims. (Cl. 210—90.)



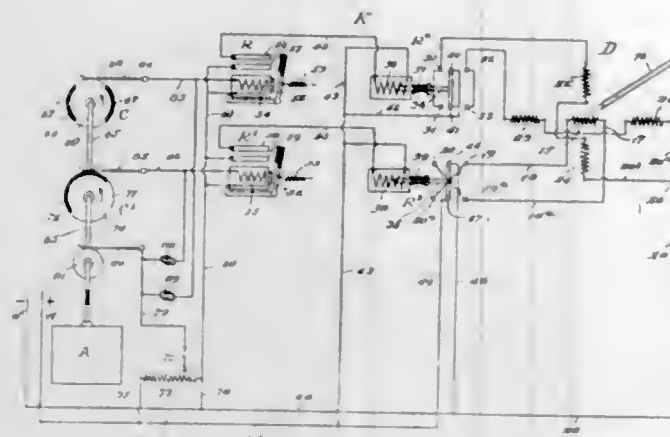
1. A trap for conductor pipes comprising an upper inlet pipe section, a lower outlet pipe section, a screen arranged between said upper and lower pipe sections, a pocket having an inlet at its upper end which communicates with said upper pipe section in front of said screen, and a reduced relief pipe connecting the lower part of said pocket and said lower pipe section.

1,641,939. MECHANICAL FUSE FOR ARTILLERY PROJECTILES. ANDRE VARAUD, Geneva, Switzerland. Filed June 20, 1925. Serial No. 38,498, and in Switzerland Aug. 2, 1923. 6 Claims. (Cl. 102—36.)



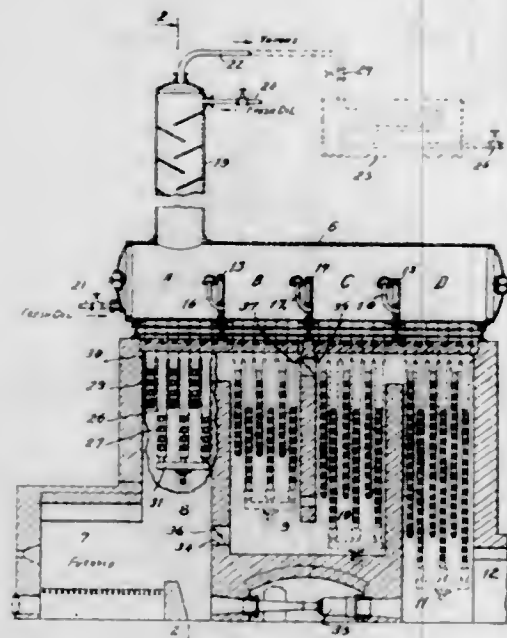
1. In a mechanism for simultaneously winding and setting a mechanical fuse for artillery projectiles of the type described, a drive shaft arranged in the axis of the fuse, an auxiliary shaft, a rotary setting member, reduction gears connecting the said auxiliary shaft and rotary setting member, and reduction gears connecting the said auxiliary shaft and drive shaft, the said gears being constantly in mesh in order to distribute the total duration of the movement of the fuse upon several turns of the drive shaft.

1,641,940. SYNCHRONOUS CLOCK SYSTEM. FRANK W. WOOD, Montclair, N. J., assignor to Chas. Cory & Son, Incorporated, New York, N. Y., a Corporation of New York. Filed Aug. 22, 1923. Serial No. 658,662. 6 Claims. (Cl. 58-24.)



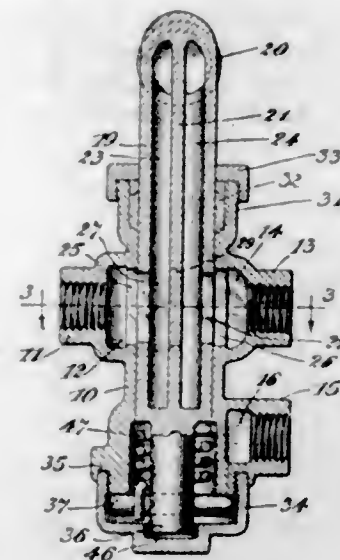
1. A synchronous clock system comprising a plurality of rotary electric transmitters, means for driving them at different time rates, and one or more secondary mechanisms each including a rotary electric motive instrumentality synchronized with one of the transmitters.

1,641,941. APPARATUS FOR CRACKING HYDRO-CARBONS. JOHN E. BELL, deceased, Brooklyn, N. Y., by Lola R. Bell, executrix, Brooklyn, N. Y., and Edward W. Isom, Locust Valley, N. Y., assignors to Sinclair Refining Company, New York, N. Y., a Corporation of Maine. Filed July 25, 1925. Serial No. 45,976. 8 Claims. (Cl. 196-116.)



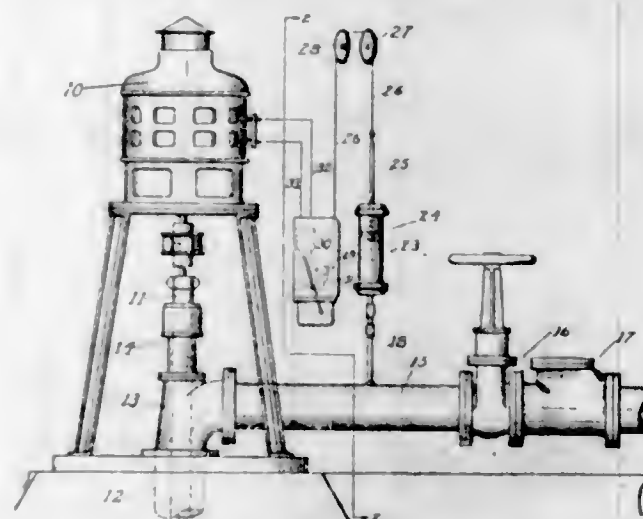
1. In an oil cracking still, a drum, partitions in the drum dividing the same into communicating compartments, means for feeding the oil into the compartment at one end of said drum, a furnace having a series of heating flues communicating with a fire box, heating units connected to the respective compartments and progressively arranged in the flues, the heating unit connected to the supply compartment being nearest the fire box, and means for returning a portion of the products of combustion from a point in the heating flues more remote from the fire box in the furnace to a point less remote therefrom.

1,641,942. FLUID-TRANSFER DEVICE. CESARE C. CAMPUS, Santa Monica, Calif. Filed July 30, 1926. Serial No. 125,850. 8 Claims. (Cl. 251-109.)



3. In a fluid transfer device, a casing having an inlet chamber and outlet chambers, a stem mounted in the casing, and a handle associated with the same, there being a passageway through the stem and handle and there also being ports making communication between the inlet chamber and one outlet chamber through the said passageway when the handle is in one position and other ports making communication between the inlet chamber and another outlet chamber also through the said passageway when the handle is in another position.

1,641,943. MEANS FOR CONTROLLING PRIME MOVERS. FRANCIS WHITE and HARRY WHITE, Akron, Ohio. Filed June 30, 1924. Serial No. 723,154. 3 Claims. (Cl. 103-25.)



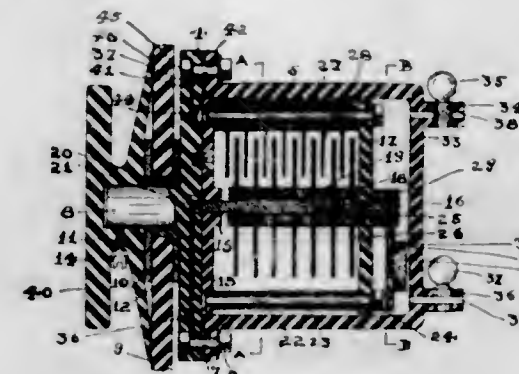
1. Apparatus of the class described, comprising a fluid conducting system, an impeller in the system, a prime mover for operating the impeller, and means connected to the system adapted to be actuated when the impeller falls to stop the prime mover, said means including a piston affected by normal air pressure on one side and by pressure in the system on the other, a check valve between the piston and the system normally held closed by pressure in the system, and a second valve between the piston and the system adapted to be operated at will without affecting operation of said check valve.

1,641,944. CONTROLLING INSTRUMENT. EDGAR H. BRISTOL, Foxboro, Mass., assignor to The Foxboro Company, Foxboro, Mass., a Corporation of Massachusetts. Filed July 21, 1926. Serial No. 123,957. 14 Claims. (Cl. 137-78.)



1. In an instrument of the class described a pair of control elements mounted for relative movement through swinging movement about an axis and comprising a ported element having a valve seat substantially radially disposed, the cooperating element carrying a pivoted, spring-pressed valve normally disposed obliquely to the radial.

1,641,945. ELECTRICAL INSTRUMENT. HOWARD J. MURRAY, Brooklyn, N. Y. Filed Nov. 6, 1923. Serial No. 673,060. 2 Claims. (Cl. 175-41.5.)

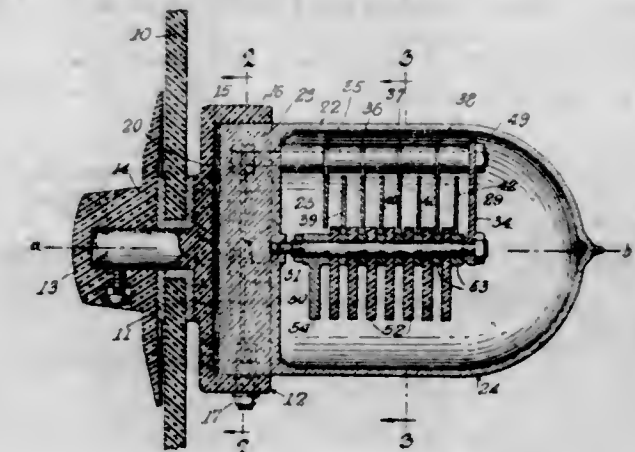


1. In an electric condenser, a pressure resisting casing having an internal insulating wall and rotatable as an entirety about a substantially horizontal axis, means to rotate said casing; a removable condenser assembly comprising a frame with a first plurality of capacitive plates fixed thereto and a shaft freely rotatable in said frame and having a second plurality of capacitive plates secured to it and interleaveable with the said first plate, a relative gravitational means on said shaft to cause movement of said plates during rotation of said casing, and separate insulated contacts on said frame electrically connected to said respective plates; cooperating contacts on and conductors in said insulating wall, means to fasten said assembly in said casing whereby said contacts are brought into and secured in conductive relation, means to close and seal said casing, and means whereby to vary the gaseous pressure in said casing.

1,641,946. MOVABLE DIELECTRIC CONDENSER. HOWARD J. MURRAY, Brooklyn, N. Y. Filed Jan. 29, 1925. Serial No. 5,472. 10 Claims. (Cl. 175-46.5.)

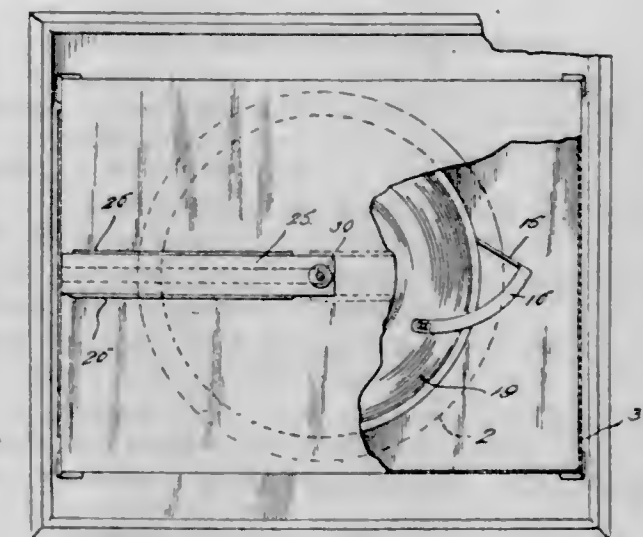
1. In a variable electric condenser, the combination of a support, a socket mounted therein for rotary movement about a fixed axis of rotation, a vacuum tube demount-

ably secured in said socket to rotate therewith, four rods fixed relative to each other and carried by the tube to rotate therewith, a set of condenser plates supported by two of said rods, a co-acting set of condenser plates supported by the other two rods and disposed parallel to the plates in the first set, the plates of one set alternating with the plates of the other set, said sets of plates being insulated from each other, a shaft mounted for rotary



movement relative to the tube and concentric relative to said axis of rotation, said shaft provided with a set of plates constituting a dielectric adapted to be interleaved between the condenser plates, a pendulum acting on the dielectric plates to hold the same fixed in place as the condenser plates are rotated relative to the same as the tube is rotated and means for locating the tube in fixed position in the socket.

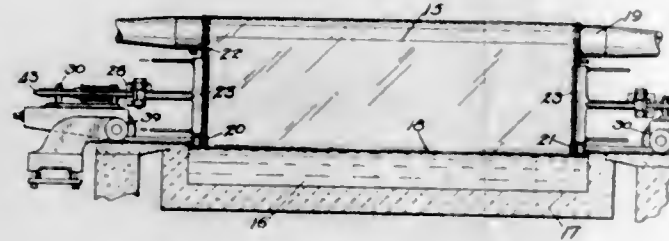
1,641,947. RECORDING AND REPRODUCING APPARATUS. JOHN T. SCULLY, New York, N. Y. Filed Aug. 5, 1924. Serial No. 730,188. 5 Claims. (Cl. 179-100.1.)



1. In combination, a phonograph turntable shaft, an adapter casing receiving the upper end of the shaft, said casing having an opening in the side wall thereof for the passage of a sensitized plate and also having a slot in its top wall extending from its center toward said side wall, means to normally close the opening in the side wall of the adapter casing, a plate carrier, means to operative-ly associate the plate carrier and turntable shaft to support said carrier for rotation by said shaft, means mov-

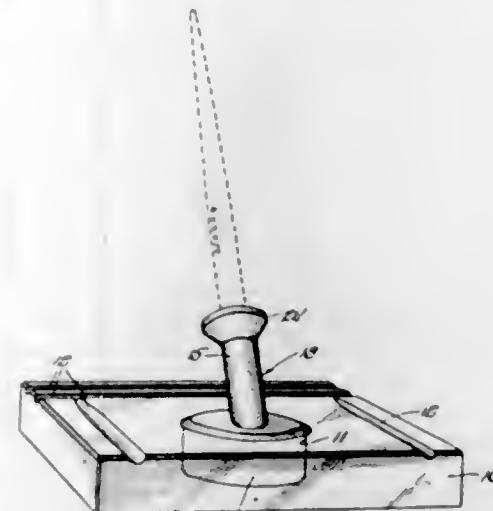
able in the slot in the top wall of the adapter casing to engage the carrier to move the plate relative to the turntable shaft to load and unload the adapter casing, said means having slides to close said slot, and mechanism for converting electric currents into light rays and recording said rays upon the sensitized plate.

1,641,948. METHOD AND APPARATUS FOR FORMING SHEET GLASS. JAMES C. BLAIR, Toledo, Ohio, assignor to The Libbey-Owens Sheet Glass Company, Toledo, Ohio, a Corporation of Ohio. Filed Feb. 28, 1925. Serial No. 12,232. 16 Claims. (Cl. 49-17.)



1. In sheet glass apparatus, means for drawing a sheet from a mass of molten glass, positive means for forming edges on said sheet, and means above said edge forming means for preventing lateral movement of said edges.

1,641,949. FOUNTAIN-PEN DESK SET. FREDERICK D. HAMMONS, Seattle, Wash., assignor to W. A. Sheaffer Pen Co., Fort Madison, Iowa, a Corporation of Delaware. Filed Feb. 17, 1926. Serial No. 88,768. 14 Claims. (Cl. 120-108.)



1. A fountain pen desk set comprising a flat base having a recess therein, a receptacle including a base portion and a barrel portion, said base portion fitting removably in said recess, said barrel portion having an opening to receive a fountain pen and means in said barrel to provide a support for the fountain pen.

THE OFFICIAL GAZETTE

OF THE

United States Patent Office.

Vol. 362—No. 2.

TUESDAY, SEPTEMBER 13, 1927.

Price—\$10 per year.

The OFFICIAL GAZETTE is mailed under the direction of the Superintendent of Documents, Government Printing Office, to whom all subscriptions should be made payable and all communications respecting the Gazette should be addressed. Issued weekly. Subscription, \$10.00 per annum; including annual indexes, \$11.50; single numbers, 25 cents each. PRINTED COPIES OF PATENTS are furnished by the Patent Office at 10 cents each. For the latter, address the Commissioner of Patents, Washington, D. C. CIRCULARS OF GENERAL INFORMATION concerning PATENTS or concerning TRADE-MARKS, PRINTS, and LABELS will be sent without cost on request to the Commissioner of Patents, Washington, D. C.

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Trade-Marks	324—No. 232,493 to No. 232,816, inclusive.
T. M. Renewals	30
Reissues	2—No. 16,785 to No. 16,737, inclusive.
Designs	40—No. 73,424 to No. 73,463, inclusive.
Patents	715—No. 1,641,950 to No. 1,642,604, inclusive.
Total	1,112

Notice of Opposition.

U. S. PATENT OFFICE, Washington, Aug. 26, 1927.

Ford Oil Corporation, its assigns or legal representatives, take notice:

On June 10, 1927, upon the petition of the Ford Motor Company, of Highland Park, Mich., an opposition proceeding against the registration of a trade-mark to Jasper N. Thompson, of 5 North Wabash Avenue, Chicago, Ill., was instituted by this Office. The record shows that the Ford Oil Corporation, of Chicago, Ill., was substituted for Jasper N. Thompson, and a notice of such opposition sent to the Ford Oil Corporation at the said address having been returned by the post-office authorities as undeliverable notice is hereby given that unless said Ford Oil Corporation, its heirs, assigns, or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the opposition will be proceeded with as in case of default.

This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

M. J. MOORE,
Assistant Commissioner.

Notice of Cancellation.

U. S. PATENT OFFICE, Washington, Aug. 31, 1927.

Leo M. Baughman, his assigns or legal representatives, take notice:

A cancellation proceeding having been instituted by this Office upon the application of Lysol, Incorporated, Bloomfield, N. J., to effect the cancellation of the trade-mark registration of Leo M. Baughman, 147 South Western Avenue, Los Angeles, Calif., No. 105,949, dated August 31, 1915, and the notice of such proceeding sent by registered mail to the said Baughman at the said address having been returned by the post office as undeliverable, notice is hereby given that unless said Baughman,

his assigns or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the cancellation will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

M. J. MOORE,
Acting Commissioner.

Interference Notice.

U. S. PATENT OFFICE, Washington, Aug. 26, 1927.

Wellesley Malcolm Colborne Baber, his assigns or legal representatives, take notice:

An interference having been declared by this Office between the application for patent of William A. Larned, Summit, N. J., and joint patent granted January 25, 1927, No. 1,615,790, to Oswald Vernon Forbes and Wellesley Malcolm Colborne Baber, 13 Golden Square, London, England, and a notice of such declaration sent by registered mail to the joint patentee, Baber, at the said address having been returned by the post office as undeliverable notice is hereby given that unless said Baber, his assigns or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the interference will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

M. J. MOORE,
Assistant Commissioner.

Adverse Decisions in Interference.

In interferences involving the indicated claims of the following patents final decisions have been rendered that the respective patentees were not the first inventors with respect to the claims listed:

Pat. 1,456,505, Knoop and Closs, Electric discharge device, decided August 5, 1927, claims 15 and 21.

Pat. 1,542,850, Curtis and Beaver, Thermostat, decided August 5, 1927, claims 3, 21, and 25.

Pat. 1,562,032, W. F. Lohmare, Mold for metallic packing, decided July 22, 1927, claim 5.

Pat. 1,564,487, T. G. Martin, Automatic telephone system, decided August 2, 1927, claims 8 and 10.

Pat. 1,576,401, J. E. Bell, Oil distillation, decided August 1, 1927, claims 7 and 31.

Adjudicated Patents.

(C. C. A. N. J.) Osconyan patent, No. 1,071,080, for baseball display boards, Held not infringed. *Star Ball Player Co. v. Playograph Co.*, 19 F. (2d) 992.

(C. C. A. N. J.) Osconyan patent, No. 1,127,498, for baseball display boards, Held not infringed. *Id.*

(C. C. A. N. J.) Wilcox and Cavanaugh patent, No. 1,204,104, for ignition mechanism for internal-combustion engines, Held infringed. *Automotive Equipment Co. v. Connecticut Telephone & Electric Co.*, 19 F. (2d) 990.

Condition of Applications Under Examination at Close of Business September 2, 1927.

Room No.	DIVISIONS, EXAMINERS, AND SUBJECTS OF INVENTIONS.	Oldest new application and oldest action by applicant awaiting office action.		No. of applications awaiting action.
		New.	Amended.	
112	1. LOEFFLER, F. A., Closure Operators; Fences; Gates; Tillage; Scattering Unloaders.....	May 9	May 11	707
126	2. HADEN, C. F., Bee Culture; Dairy; Preserving; Presses; Tobacco.....	Apr. 16	Apr. 18	955
331	3. LINDSEY, A., Electric Heating; Electrochemistry; Heating; Metal Founding; Metallurgical Apparatus; Metallurgy; Metal Treatment; Plastic Metal Working.....	Mar. 18	Apr. 16	1,615
234	4. MERRITT, A. D., Conveyers; Hoists; Handling Apparatus and Implements, and Pushing and Pulling.....	Jan. 21	Feb. 9	1,766
108*	5. MACNAB, J. F., Harvesters; Jewelry; Music; Acoustics; Sound Recording; Knotters.....	Mar. 25	Mar. 26	1,042
318	6. LEWIS, A. M., Chemistry; Chemistry—Carbon Compounds; Substance Preparation.....	Jan. 17	Jan. 29	1,600
106	7. JARBOE, C. G., Amusement and Exercising Devices; Toys; Optics; Photography.....	Mar. 1	Mar. 2	1,445
133	8. HENRY, C. C., Beds; Chairs and Seats; Furniture; Kitchen and Table Articles; Store Furniture.....	Mar. 17	Mar. 30	1,807
221	9. ADAMS, R. E., Pumps; Fluid and Fluid-Current Motors.....	June 1	May 25	865
118	10. HUNTER, O. F., Land Vehicles—Animal Draft Appliances, Bodies and Tops.....	Feb. 23	Mar. 7	1,404
145*	11. ARMSTRONG, H. C., Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Hides, Skins, and Leather Manufactures; Nailing and Stapling; Whip Apparatus; Cutting and Punching Sheets and Bars.....	Apr. 26	Apr. 5	941
380	12. PIERCE, P. P., Machine Elements.....	Feb. 25	Mar. 11	1,299
154*	13. CLIFT, J. W., Bolt, Nut, Rivet, and Screw Making; Chain, Staple, and Horsehoe Making; Driven, Headed, and Screw-Threaded Fastenings; Gear Cutting, Milling, and Planing; Metal Drawing; Metal Forging and Welding; Metal Rolling; Metal Working; Needle and Pin Making; Turning; Boring and Drilling.....	Mar. 1	Mar. 18	1,535
102*	14. BRUMBAUGH, N. J., Compound Tools; Farriery; Metal Bending; Metal Tools and Implements, Making; Sheet-Metal Ware, Making; Tools; Wire Fabrics and Structure; Wire Working; Metal Working, Assembling, and Blanks and Processes.....	Feb. 25	Mar. 21	1,429
329	15. REDROW, W. L., Glass; Paper Making; Plastic Block and Earthenware Apparatus; Plastics.....	Mar. 14	Mar. 16	1,707
242*	16. SPENCER, C. J., Batteries; Resistances and Rheostats; Telegraphy; Telephony.....	Apr. 13	May 9	837
307	17. RAFTER, G. S., Label Pasting and Paper Hanging; Nut and Bolt Locks; Ornamentation; Paper Manufactures; Printing; Type Casting; Sheet-Material Associating or Folding; Sheet or Web Feeding or Delivering; Type Setting.....	Mar. 1	Mar. 18	803
229	18. PORTER, M. E., Motors, Expandable-Chamber Type; Power Plants; Speed-Responsive Devices.....	Mar. 2	Mar. 7	1,027
236	19. GLASCOCK, E. S., Furnaces; Heating Systems; Liquid and Gaseous Fuel Burners; Stoves and Furnaces.....	May 18	May 16	968
179	20. GROVE, S. D., Miscellaneous Hardware; Closure Fasteners; Locks and Latches; Safes; Undertaking.....	May 5	May 6	1,027
212	21. THURBER, W. L., Winding and Reeling; Textiles; Cloth Finishing.....	Mar. 21	Mar. 22	1,057
244*	22. COLWELL, J. H., Aeronautics; Amusement Devices, Games; Firearms, Ordnance, and Explosive Devices; Air Guns, Catapults, and Targets; Boats and Buoys; Ships; Marine Propulsion.....	Mar. 3	Mar. 4	1,069
217	23. GROESBECK, W. D., Coin Handling; Records; Registers; Horology; Time-Controlling Mechanisms.....	Feb. 23	Feb. 19	939
147*	24. DURAS, C. O., Apparel; Apparel Apparatus; Garment Supporters; Sewing Machines.....	Feb. 3	Feb. 16	1,098
314	25. LIGHTFOOT, J. H., Agitating; Bleaching and Dyeing; Butchering; Classifying Solids; Centrifugal Bowl Separators; Explosives, Pyrotechnic, and Match Compositions; Fertilizers; Mills; Sugar and Starch; Threshing; Vegetable and Meat Cutters and Comminutors.....	Mar. 9	Mar. 15	1,312
228*	26. HODGES, J. S., Electricity, Generation; Motive Power; Prime-Mover Dynamo Plants.....	Feb. 23	Mar. 4	1,003
214	27. ANDERSON, L. S., Brush, Broom, and Mop Making; Brushing, Scrubbing, and General Cleaning; Laundry; Washing Apparatus.....	Apr. 18	May 3	900
225	28. BENSON, A. R., Internal-Combustion Engines.....	Apr. 7	Apr. 11	1,192
160*	29. MORRIS, B. N., Abrading; Button Making; Coopering; Wheelwright Machines; Wood Sawing; Wood Turning; Woodworking; Woodworking Tools.....	Feb. 3	Mar. 4	1,250
245	30. SHIPMAN, J. L., Automatic Temperature and Humidity Regulation; Illuminating Burners; Illumination; Typewriting Machines; Thermostats and Humidistats.....	Feb. 18	Apr. 2	1,201
312	31. HOLMES, W. N., Alcohol; Ammonia, Water, and Wood Distillation; Charcoal and Coke; Gas, Heating and Illuminating; Hydraulic Cement and Lime; Mineral Oils; Oils, Fats, and Glue.....	Feb. 25	Feb. 23	1,733
349	32. BARTHOLOMEW, J. A., Gas and Liquid Contact Apparatus; Heat Exchange; Gas Separation.....	Apr. 5	Apr. 7	1,262
152	33. WYMAN, W. I., Bridges; Hydraulic and Earth Engineering; Masonry and Concrete Structures; Metallic Building Structures; Roads and Pavements; Roofs; Wooden Buildings.....	May 14	May 9	1,543
304	34. SIMPSON, G. R., Electricity-Transmission to Vehicles; Pneumatic Dispatch; Railways, Rolling Stock, Switches, and Signals; Store Service; Vehicle Fenders.....	Mar. 1	Feb. 7	1,021
116*	35. REYNOLDS, E. C., Buckles, Buttons, Clasps, Etc.; Card, Picture, and Sign Exhibiting; Signals and Indicators; Toilet.....	May 11	May 12	1,179
105	36. MORTON, G. L., Automatic Weighers; Geometrical and Measuring Instruments; Force Measuring.....	May 9	May 10	1,135
324*	37. WEAVER, M. E., Electricity, Circuit Makers and Breakers.....	Mar. 3	Mar. 8	1,585
145	38. KRAFFT, C. F., Animal Husbandry; Earth Boring; Fishing, Trapping, and Vermin Destroying; Mining, Quarrying, and Ice Harvesting; Stoneworking; Wells.....	Apr. 11	Apr. 21	1,160
290	39. COWLES, A. W., Fluid-Pressure Regulators; Multiple Valves; Valves; Water Distribution.....	Apr. 6	Mar. 9	906
269	40. OBERLIN, J. J., Baggage; Bottles and Jars; Package and Article Carriers; Receptacles.....	Feb. 14	Mar. 24	2,385
125	41. BROWN, J. I., Land Vehicles, Wheels, and Axles; Resilient Tires and Wheels; Wheel Substitutes.....	Mar. 23	Mar. 30	860
223*	42. CUTTING, H. O., Electrical Conduits and Housings; Electric Signaling.....	Feb. 17	Feb. 12	1,538
124*	43. HOPKINS, F. M., Baths, Closets, Sinks, and Spitoons; Sewerage; Electricity, Medical and Surgical; Medicines; Surgery; Dentistry; Artificial Body Members; Railway Draft Appliances.....	Apr. 7	Apr. 27	1,152
253	44. SHAFER, C. H., Dispensing; Dispensing Beverages; Filling and Closing Portable Receptacles; Refrigeration.....	Feb. 8	Feb. 25	1,300
379	45. GILES, A. H., Pulleys and Shafting; Lubrication; Machine Elements; Bearings and Guides.....	Apr. 12	Apr. 18	968
233	46. WOLCOTT, C. L., Concentrating Evaporators; Fluid Sprinkling, Spraying, and Diffusing; Fire Extinguishers; Liquid Heaters and Vaporizers.....	Mar. 10	Mar. 10	1,048
264	47. BARKER, H., Brakes; Clutches and Power Stop Control; Elevators; Fluid-Pressure Brake and Analogous Systems; Motors; Spring Devices.....	Mar. 22	Mar. 30	1,661
213*	48. ROEPKE, O. B., Electricity, General Applications.....	Mar. 4	Mar. 4	1,108
239	49. EDINBURG, F. P., Check-Controlled Apparatus; Domestic Cooking Vessels; Fuel and Igniting Devices; Ventilation; Velocipedes; Driers; Liquid Separation or Purification.....	Feb. 28	Mar. 9	1,144
322	50. BLAKE, C. L., Plastic and Liquid Coating Compositions; Coating; Laminated Fabrics.....	Apr. 5	Apr. 5	1,717
240*	51. BACKUS, C. D., Radiant Energy, Wave Transmission.....	Feb. 8	Feb. 8	1,559
144	52. MORGAN, E. T., Supports; Chucks; Fire Escapes; Ladders; Scaffolds; Railway Mail Delivery; Joint Packing; Pipe and Rod Joints or Couplings; Tool-Handle Fastenings.....	Apr. 21	Apr. 22	1,244
309	53. PECK, M. K., Books; Manifold; Printed Matter; Stationery; Educational Appliances; Paper Files and Binders; Tents, Canopies, Umbrellas, and Canes; Curtains, Shades, and Screens.....	Apr. 19	Apr. 23	1,236
241*	54. LANE, C. H., Electric Lamps; Conductors; Vapor Electric Devices; Space Discharge Tubes.....	Jan. 14	Jan. 10	1,947
102	55. RICHARD, V. I. (Acting).....	Feb. 14	Mar. 1	718
163	TRADE-MARKS, LABELS, AND PRINTS: F. A. RICHMOND (Trade-Marks, Labels and Prints).....	July 14	Aug. 2	581
		Aug. 3	Aug. 18	1,603
		Aug. 1	Aug. 15	260

* Refers to room numbers in the annex.

DECISIONS IN PATENT AND TRADE-MARK CASES.

Commissioner's Decision.

EX PARTE JENSEN.

Decided April 29, 1926.

PATENTABILITY—INVENTION—PROCESS OF COOLING PULVERULENT FILTERING MATERIALS.

Where it was old to cool filtering material which had been heated for revivification, and the only difference between applicant's apparatus and that of the patent to S. was that in the former air is forced in under pressure at the entrance end of the pipe whereas in the latter the suction pump is placed at the delivery end of the pipe, *Held* that, both ways of causing a flow of air in a pipe being old and it not appearing that there is any material advantage in using applicant's form of apparatus, that the process claims appealed are unpatentable.

[Note.—This application has resulted in Patent No. 1,619,577, March 1, 1927.]

APPEAL from Examiners in Chief.

Application for patent for method of cooling comminuted solid material filed June 8, 1921, Serial No. 476,091.

Messrs. Jeffery, Kimball & Eggleston and Mr. K. P. McElroy for the applicant.

KINNAN, First Assistant Commissioner.

The applicant has appealed from the decision of the Examiners in Chief, holding claims 1 and 2, which were substituted for claims denied patentability by the Primary Examiner, unpatentable in view of the prior art. Three claims, 1, 2, and 3, were appealed from the rejection of the Primary Examiner and his rejection was affirmed by the Examiners in Chief. Upon a rehearing and the submission of three substitute claims, the Examiners in Chief allowed the substitute claim 3, and admitted but denied patentability to substitute claims 1 and 2. These two substitute claims are here to be reviewed, and claim 1 which will serve for illustrative purposes is as follows:

1. In the cooling of pulverulent filtering material, the process which comprises introducing the material into a current of air under sufficient pressure to supply to the particles a greater amount of air than would be supplied at atmospheric pressure, and causing delayed contact of the particles with such greater amount of air by delivering the material by means of said air into a quieting chamber at a higher and distant point than the point of introduction and allowing the material to settle in said chamber while permitting escape of air therefrom.

The reference relied upon is the patent to Sims, No. 1,300,784, April 15, 1919.

The claims are directed to a process of cooling hot fuller's earth so that it can be used again. The applicant states the earth reaches a temperature of about 500° F. in revivification and for reuse must be cooled to a temperature of approximately 100°. To accomplish this cooling economically and in a reasonably short period, the material is placed in a receptacle and is entrained by an air blast which carries it upward through a long pipe at the top of which the material strikes against a baffle and is allowed to fall by gravity. It may then be

allowed to pass down an inclined pipe to a second receptacle where the first process is repeated.

The patent to Sims discloses an apparatus for cooling bone black which has been heated in the process of revivification to a temperature of approximately 400° F. and must be cooled, for reuse, to somewhere near 120°. The only substantial difference, in the apparatus at least, between the disclosure of the applicant and that of the reference resides in that with the latter a suction pump is placed at the delivery end of the conveying pipe while with appellant's apparatus air is forced, under pressure, at the entrance or bottom end of the pipe. It is urged by the applicant that he is able to use higher pressure than atmospheric by having the compressed-air nozzle at the bottom of the pipe whereas Sims obtains the pushing up of the air by the atmospheric pressure. By this increased air pressure, the applicant alleges more air particles come in contact with each particle of the material to be cooled in the passage up the pipe and, in consequence, an improved result over that obtained by Sims is secured.

Without going into all the details of the discussion that was had between the Examiner and the applicant, and between the Examiners in Chief and the applicant, it will be sufficient to note that while it is true the applicant may increase the air pressure at the bottom of his pipe, yet he must overcome the atmospheric pressure at the top so that his actual pressure within the pipe will be the difference between atmospheric and his artificial pressure. Granting that by such means a greater pressure in the pipe is obtained, the travel of the material and the air upward in the pipe will be more rapid so the period during which the particles of earth are in contact with the air, for a given length of pipe, is shorter, and the opportunity for cooling the particles of earth would seem to be no greater, or not materially greater, than if the plan of Sims were followed. The Examiner set forth certain explanations which seem not to have been satisfactorily answered by the applicant and there would appear to be, theoretically, no advantage in the applicant's arrangement over that of the reference. There is nothing on which to base a holding that the Examiner, or the Examiners in Chief, was in error as to the view that the cooling effected is substantially the same with the suction pump as with the compressed-air nozzle. Both ways of causing the flow of air through a pipe are well known and well understood. There is believed to be no particular advantage in the use of applicant's arrangement over that of the prior art.

The decision of the Examiners in Chief denying patentability to substitute claims 1 and 2 is affirmed.

Court of Appeals of the District of Columbia.

THE PATTERSON-SARGENT COMPANY v. BRADLEY-WISE PAINT COMPANY.

No. 1,884. Decided December 6, 1926.

TRADE-MARK—DISSIMILARITY IN APPEARANCE—MEN IN DIFFERENT ATTITUDES AND CLOTHING WITH PAINT CANS DIFFERENTLY LOCATED RELATIVELY TO MEN.

Where the figures of a paint can and a man are conspicuous parts of each mark, but their relative positions, together with the dissimilar attitudes and clothing of the men, produce an effect of contrast rather than resemblance, *Held* that the marks are not sufficiently similar in appearance as to be likely to cause confusion in trade or commerce.

APPEAL from the Commissioner of Patents. Affirmed.

Mr. E. R. Alexander for The Patterson-Sargent Co.

Mr. Albert J. Fihe for Bradley-Wise Paint Co.

Before MARTIN, Chief Justice, VAN ORSDER, Justice, and HATFIELD, Judge U. S. Court of Customs Appeals.

MARTIN, C. J.:

This is an appeal from a decision of the Commissioner of Patents, granting appellee's application for a registration of its trade-mark, over the opposition of the appellant.

The goods of the respective parties are of the same character, to wit paints, varnishes, enamels, oils, stains, etc. The appellee's application was filed on October 12, 1923, use being claimed since April, 1921. The opposer's mark was in use as early as the year 1907, and was the subject of several registrations in that year. The sole question in the case is whether the appellee's mark is so similar to the appellant's prior registrations as to be likely to cause confusion in trade. Upon that issue there are concurring decisions of the Patent Office in favor of the appellee.

The marks is question are aptly described in the Commissioner's decision as follows:

The applicant seeks registration of two trade marks, both including a representation of a bucket of paint, open and having a painter in workman's clothes carrying a paint brush in one hand standing in the bucket. Across the side of the bucket appears the word "Bradley's" and a second smaller representation of the mark. The representation of the workman, or painter, is surrounded by a ring. The background within the ring is colored red, as indicated by the specimens. One of the applications for registration differs from the other only in having the slogan, "Service in Every Can," appear on the face of the ring about the painter or workman.

Opposer has registered its mark and it comprises a paint can having a lid thereon, together with a picture of a man in civilian clothes lifting one edge of the lid and peering into the can. There is an accompanying slogan "Look Into It", printed below the can. On the side of the can appears a ring of white having the name of the opposer company printed on the face of the ring together with the cities in which such company presumably has offices or distributing plants. Within this white ring are the letters "B P S" upon an orange background.

We agree with the view that these marks are not sufficiently similar in appearances as to be likely to cause confusion in trade or commerce. It

is true that the figures of a paint can and a man are conspicuous parts of each mark, but their relative positions, together with the dissimilar attitudes and clothing of the men, produce an effect of contrast rather than resemblance. Notwithstanding the prior registration by appellant the appellee had the right to use the figures of a paint can and a man as part of its mark, provided this be done without deceptive imitation of the appellant's mark.

We think that an inspection of the competing marks is sufficient authority for the conclusion that appellee's mark falls within that right. The testimony of the several witnesses examined by appellant is not sufficient to overcome this conclusion.

The decision of the Commissioner of Patents is affirmed.

Patent Suits.

(Notices under sec. 4921, R. S., as amended Feb. 18, 1922.)

942,699, L. H. Backeland, Resinous body and method of producing same; 942,809, same, Condensation product and method of making same, filed Mar. 6, 1924, D. C. Del., Doc. E 537, *Bakelite Corp. v. The Brunswick-Balke-Clender Co.* Decree upon mandate of C. C. A. vacating order of this court of Aug. 12, 1925, and adjudging patent 942,699 valid and infringed; dismissed as to 942,809 June 24, 1927.

942,809. (See 942,699.)

955,870, R. W. Hamann, Boiler-tube cleaner; 1,343,654, Beebe & Bowers, Boiler cleaner; 1,377,622, Kennal & Henry, Soot blowing device; 1,416,553, C. M. Garland, same; 1,465,387, F. Bowers, Boiler cleaner; 1,523,288, G. I. Rawson, same, filed Mar. 23, 1926, D. C. Del., Doc. E 592, *Diamond Power Specialty Corp. v. The Vulcan Soot Cleaner Co.* Dismissed without prejudice July 13, 1927.

961,165, J. F. Rowley, Artificial-limb suspender and back check, filed June 7, 1927, D. C., S. D. Ohio (W. Div.), Doc. E 476, *The J. F. Rowley Co. v. The Forster-Treuheit Co., Inc.*

1,007,142, J. C. W. Rademacher, Process for the production of beef extract in portable form, filed Feb. 14, 1924, D. C., S. D. N. Y., Doc. E 28/352, *American Kitchen Products Co. v. Steck & Steck, Inc.* Decree sustaining patent and granting injunction July 22, 1927.

1,011,885, S. M. Chase, Flexible bearing; 1,506,710, same, Bearing, filed July 22, 1927, D. C., N. D. Ohio (E. Div.), Doc. 2364, *The Chase Foundry & Mfg. Co. v. The Finzer Bros. Clay Co.* Doc. 2365, *The Chase Foundry & Mfg. Co. v. Fulton Pitt Car Co.*

1,038,504, O. P. Smith, Lure conveyer; 1,410,842, 1,379,224, same, Dog-racing amusement; 1,507,439, 1,630,811, same, Starting cage for racing dogs; 1,507,440, same, Housing for conveyer cars and tracks; 1,591,569, same, Electric car; 1,630,812, same, Traction car and the like, filed July 21, 1927, D. C., S. D. Ill. (Peoria), Doc. 616, *H. M. Smith et al. v. Peoria Kennel Club.*

1,163,680, L. W. Noyes, Power-transmission mechanism, filed June 30, 1927, D. C. Minn. (4th Div.), Doc. 810, *Aermotor Co. v. Challenge Co.*

1,173,079, E. F. W. Alexanderson, Selective tuning system, filed July 25, 1927, D. C., S. D. N. Y., Doc. E 42/265, *Radio Corp. of America et al. v. E. B. Latham & Co.*

1,212,161, F. E. Getts, Switch, 1,515,116, E. H. Jacobs, same, appeal filed July 27, 1927 (2d Cir.), Doc. 9715, *Electrical Engineers Equipment Co. v. Champion Switch Co.*

1,213,884, G. E. Knowles, Ventilating device, filed July 27, 1927, D. C., S. D. N. Y., Doc. E 42/276, *A. F. Knowles et al. (Mushroom Ventilator Co.) v. B. S. Moss.*

1,218,880, J. E. McGinness, Heating apparatus, filed July 25, 1927, D. C., W. D. N. Y., Doc. 1142 F, *The Buckeye Blower Co. v. Arensmeyer, Warnock & Jahnke, Inc.*

1,219,387, J. R. Gilcrest, Gear wheel, filed Dec. 9, 1926, D. C., N. D. Ohio (E. Div.), Doc. 2078, *J. R. Gilcrest v. The Saratoga Fire Clay Co.* Dismissed June 13, 1927.

1,239,896, C. Fortescue, Transformer; 1,241,505, same, Multiphase rectifying system, filed July 27, 1927, D. C., S. D. N. Y., Doc. E 42/277, *Westinghouse Electric & Mfg. Co. v. American Broken Boveri Electric Corp.*

1,241,505. (See 1,239,896.)

1,262,860, S. B. Smith, Incubator, filed June 27, 1927, D. C. Minn. (4th Div.), Doc. E 809, *S. B. Smith et al. v. R. Portinga et al. (All-State Hatchery Co.).* Decree for plaintiff July 15, 1927. Same, filed July 18, 1927, D. C. Minn. (4th Div.), Doc. E 813, *S. B. Smith et al. v. H. A. Schimelpfennig.* Same, filed July 11, 1927, D. C. Md., Doc. E 1291, *S. B. Smith et al. v. M. P. Lee.*

1,271,529, M. C. Hopkins, Acoustic device, filed July 13, 1927, D. C. Del. (Wilmington), Doc. E 653, *Lektophone Corp. v. Algonquin Electric Co., Inc.* Same, D. C. N. J. (Trenton), Doc. E 2769, *Lektophone Corp. v. R. L. O'Neill et al.* Doc. E 2770, *Lektophone Corp. v. Pal Radio Corp.* Same, filed July 12, 1927, D. C., E. D. Pa., Doc. 4103, *Lektophone Corp. v. Wirt Co.*

1,307,734 (a), A. V. Gullborg, Lubricating means; 1,475,980, O. Zerk, Lubricating apparatus, filed July 6, 1927, D. C. Minn. (4th Div.), Doc. E 812, *The Bassick Mfg. Co. v. Gray Co., Inc.*

1,307,734 (b), A. V. Gullborg, Lubricating means, filed July 26, 1927, D. C., N. D. Ohio (E. Div.), Doc. 2367, *The Bassick Mfg. Co. v. Airshot Lubrication Co.* Same, filed July 23, 1927, D. C., N. D. Calif. (San Francisco), Doc. E 1916, *The Bassick Mfg. Co. v. Shere Metal Products Corp.* Same, filed July 28, 1927, D. C., N. D. Calif. (San Francisco), Doc. E 1917, *The Bassick Mfg. Co. v. Gat-Gun Lubricating Corp.*

1,343,654. (See 955,870.)

1,377,622. (See 955,870.)

1,379,224. (See 1,038,504.)

1,391,750, R. C. Montgomery, Straw hat, filed July 26, 1927, D. C., S. D. N. Y., Doc. E 42/273, *Knox Hat Co., Inc., v. Wallach Bros., Inc.* Doc. E 42/274, *Knox Hat Co., Inc., v. Saks & Co., Inc.*

1,408,884, T. J. Newlyn, Cosmetic lotion, filed July 27, 1926, D. C., S. D. Calif. (Los Angeles), Doc. K-75-II, *T. J. Newlyn v. M. Fredrickson Hair Co. et al.* Adjudging infringement April 27, 1927.

1,410,842. (See 1,038,504.)

1,416,553. (See 955,870.)

1,422,202, Henderson & Henderson, Dry kiln, filed July 25, 1927, D. C., E. D. La. (New Orleans), Doc. 18,840, *N. H. Henderson et al. v. Welch Dry Kiln Co., Inc.*

1,425,618, J. Vodicka, Curtain fastener, filed July 23, 1927, D. C., E. D. Mich. (S. Div.), Doc. 2124, *Olnch Mfg. Corp. v. Carr Fastener Co.*

1,452,781, F. M. Becket, Welding rod; 1,460,790, J. H. Critchett, same; 1,511,111, same, Composite railway-track member and composition for producing same filed July 25, 1927, D. C., S. D. N. Y., Doc. E 42/267, *The Orswell Railroad Service Co. v. Air Reduction Co., Inc.*

1,460,790. (See 1,452,781.)

1,465,387. (See 955,870.)

1,470,524, H. B. Burt, Process of making frozen confection; 1,505,592, F. W. Epperson, Frozen confectionery, filed May 20, 1926, D. C. Del., Doc. E 803, *Citrus Products Co. v. The Popsicle Corp. of the United States.*

1,475,980. (See 1,307,734 (a).)

1,493,171, H. G. Vulliet, Shear, filed July 22, 1927, D. C., S. D. N. Y., Doc. E 42/236, *A. Gueneau et al. v. Unishcar Co., Inc.*

1,505,592 (See 1,470,524.)

1,506,710. (See 1,011,885.)

1,507,439. (See 1,038,504.)

1,507,440. (See 1,038,504.)

1,511,111. (See 1,452,781.)

1,515,116. (See 1,212,161.)

1,523,288. (See 955,870.)

1,553,198, H. Stern, Jewelry, filed July 25, 1927, D. C., S. D. N. Y., Doc. E 42/266, *H. Stern v. I. Papick et al.*

1,591,569. (See 1,038,504.)

1,599,655, M. T. Cross, Cross system of abbreviated numbers, filed July 25, 1927, D. C. Oreg. (Portland), Doc. E 8922, *M. T. Cross et al. v. T. Olson.*

1,627,496, E. Elias, Hand bag, filed June 30, 1927, D. C., S. D. N. Y., Doc. E 42/165, *S. R. Goldsmith et al. v. Quality Leather Goods Co., Inc.* Patent sustained, injunction granted (notice dated July 26, 1927).

1,630,811. (See 1,038,504.)

1,630,812. (See 1,038,504.)

1,631,824, P. W. Jones, Safety catch, filed July 21, 1927, D. C. Mass., Doc. E 2841, *L. Stern Co. v. H. E. Clap et al.*

Des. 48,160, A. Samuelson, Bottle; Des. 54,241, H. B. Christian, same; Des. 63,657, C. J. Root, same, filed Mar. 24, 1927, D. C. Del., Doc. E 637, *The Coca Cola Co. v. Whistle Co. of America.* Dismissed for want of equity July 19, 1927.

Des. 54,241. (See Des. 48,160.)

Des. 63,657. (See Des. 48,160.)

Des. 71,915, A. Jones, Loud-speaker casing, filed May 27, 1927, D. C., N. D. Ohio (E. Div.), Doc. 2280, *Jodra Mfg. Co., Inc., v. D. J. Vogt (Vogt Electric Distributing Co.).* Patent held valid and infringed. Injunction granted July 25, 1927.

Disclaimers.

1,307,734.—Arthur V. Gullborg, Chicago, Ill. LUBRICATING MEANS. Patent dated June 24, 1919. Disclaimer filed August 29, 1927, by the assignee by mesne assignments, *The Bassick Manufacturing Company.*

Hereby enters this disclaimer to that part of the claims in said specification which is in the following words, to wit:

"12. The combination with a bearing provided with a member for receiving lubricant, of means for supplying lubricant thereto comprising a hollow member, means for supplying lubricant to said hollow member under pressure, means for detachably connecting said members, means for sealing said connection comprising a gasket positioned between said members and held against one of said members by the pressure of the lubricant, and a spring for initially positioning said gasket against said member."

1,487,189.—Leo J. Wahl, Sterling, Ill. CLIPPER. Patent dated March 18, 1924. Disclaimer filed August 29, 1927, by the patentee.

Hereby enters this disclaimer to claims 4, 9, 10, 11, 15, 16, 17, 18, 19, 20, 21, and 22 of the specification as issued in said Letters Patent No. 1,487,189, and which are in the following words, to wit:

"4. In a clipper the combination of a case, a clipper blade carried thereby, a movable blade co-operating with the first mentioned blade, an electromagnet carried by the case, a circuit for the magnet, a spring carried armature bar, a driving connection between the armature bar and the movable clipper blade, and means for adjusting the tension of the spring which carried the armature bar."

"9. A device of the character described comprising a support, a reciprocating blade mounted on said support, and means for reciprocating said blade comprising an electromagnet, and an armature adapted to be vibrated thereby, said magnet and said armature being relatively adjustable."

"10. A device of the character described comprising a casing having a cover member, a blade fixed relative to

said casing, a blade mounted to reciprocate transversely of said mentioned blade, means for reciprocating said blade, adjustable tension means within the casing for pressing said blades into engagement and adjusting means extending outside said casing, said tension means being held within said casing independently of said cover.

"11. A device of the character described comprising a support, a blade fixed relative to said support, a blade mounted to move transversely of said first mentioned blade, tension means within said casing for holding said movable blade in engagement with said fixed blade, a vibrating armature, an electromagnet for actuating said armature and a driving connection between said armature and said movable blade, said driving connection being independent of said tension means."

"15. A device of the character described comprising a support, a reciprocable blade mounted on said support, means for reciprocating said blade comprising an electromagnet, and an armature adapted to be vibrated thereby, and means for adjusting said armature relative to said magnet."

"16. A device of the character described comprising a casing, a blade mounted to reciprocate relative to said casing, means within said casing for reciprocating said blade comprising an electromagnet, and an armature adapted to be vibrated thereby, and means extending outside of the said casing for adjusting said armature relative to said magnet."

"17. In a clipper the combination of an electro-magnetic coil, an armature for the coil, and a spring for mounting the armature to permit it to move to a point short of contact with the pole piece of the coil thereby providing a movement limit."

"18. In a clipper the combination of an electro-magnetic coil, an armature for the coil, a spring for carrying the armature and permitting it to move to a point short of contact with the pole piece of the coil and means for adjusting the spring."

"19. In a clipper the combination of an alternating current electro-magnetic coil, an armature for the coil, and a spring for carrying the armature and permitting it to move to a point short of contact with the pole piece of the coil and for moving it to a point away from the pole piece of the coil during the intervals between the periods of attraction."

"20. In a clipper the combination of an alternating current electro-magnetic coil, an armature for the coil, and a spring for carrying the armature and permitting it to move to a point short of contact with the pole piece of the coil and for moving it to a point away from the pole piece of the coil during the intervals between the periods of attraction, and means for adjusting the spring."

"21. In a clipper a combination of a handle carrying a stationary serrated clipper blade, a movable serrated clipper blade cooperating therewith, an electro-magnetic coil mounted in the handle, an armature for the coil and for moving the movable clipper blade, and a spring for mounting the armature and affording movement limits for its travel approximately equal to the spacing of the serrations of the blades."

"22. In a clipper the combination of a case, a stationary blade carried thereby, a movable blade cooperating with the stationary blade, an armature for operating the movable blade, an electro-magnetic device for moving the armature, a mounting for the armature, and means for applying pressure to the armature to hold the blades in operative relation, said means acting adjacent the mounting for the armature."

1,541,388.—*Lipa Polinkowsky*, Antwerp, Belgium. **AUTOMATIC TELEPHONE EXCHANGE SYSTEM.** Patent dated June 9, 1925. Disclaimer filed August 30, 1927, by the patentee, assignee *Western Electric Company, Incorporated*, consenting.

Hereby enters this disclaimer to the said claims of said Letters Patent which are in the following words, to wit:

"1. In a telephone exchange system, a calling line, selector switches for extending a connection from said calling line, a registering mechanism for controlling said switches, said mechanism comprising a primary register and a plurality of secondary registers, means under the control of the calling subscriber for setting said registers to record digits of the designation of a desired connection, and means whereby any one of said secondary registers may be selected directly through the operation of said primary register."

"2. In a telephone exchange system, a calling line, selector switches for extending a connection from said calling line, a registering mechanism for controlling said switches, said mechanism comprising a primary register and a plurality of secondary registers, means under the control of the calling subscriber for setting said registers to record digits of the designation of a desired connection, and means whereby any one of said secondary registers may be directly selected in response to the operation of the primary register upon the dialing of the first digit of the designation and whereby said selected secondary register is thereupon operated in response to the second digit dialed."

"3. In a telephone exchange system, a calling line, selector switches for extending a connection from said calling line, a plurality of registering mechanisms for controlling said switches, means for selecting an idle one of said mechanisms, each of said mechanisms comprising a primary and a plurality of secondary registers, means under the control of the calling subscriber for setting said registers to record digits of the designation of a desired connection, and means whereby any one of said secondary registers may be directly selected through the operation of said primary register."

"4. In a telephone exchange system, a calling line, a link circuit and selector switches for extending a connection from said calling line, a plurality of registering mechanisms, each comprising a primary and a plurality of secondary registers, means for associating an idle registering mechanism with said link circuit, means under the control of the calling subscriber for setting said registers to record digits of the designation of a desired connection, and means whereby any one of said secondary registers may be directly selected through the operation of said primary register."

"10. In a telephone exchange system, a calling line, selector switches for extending a connection from said calling line, a registering mechanism for controlling said switches, said mechanism comprising a primary register, a plurality of secondary registers and an impulse controlling device, means under the control of the calling subscriber for setting said registers to record digits of the designation of a desired connection, means whereby any one of said secondary registers may be selected through the operation of said primary register, and means for cross-connecting the terminals of said secondary registers with said impulse controlling device whereby the control of said switches by said device may be readily changed."

"11. In a telephone exchange system, a calling line, selector switches for extending a connection from said calling line, a registering mechanism for controlling said switches, said mechanism comprising a primary register, a plurality of secondary registers and an impulse controlling device, means under the control of the calling subscriber for setting said registers to record digits of the designation of a desired connection, means whereby any one of said secondary registers may be selected through the operation of said primary register, and a cross-connecting rack interposed between said registers and said impulse controlling device whereby the control of said switches by said device may be readily changed."

"12. In a telephone exchange system, a calling line, selector switches for extending a connection from said calling line, a registering mechanism for controlling said switches, said mechanism comprising a primary register, a plurality of secondary registers and an impulse controlling device, means under the control of the calling subscriber for setting said registers to record digits of the designation of a desired connection, means whereby any one of said secondary registers may be selected through the operation of said primary register, means for curtailing the operation of said impulse controlling device if the designation recorded is such as to necessitate a lesser member of switching stages in the control of said switches than said mechanism is normally capable of, and a cross-connecting rack interposed between said last named means and said registers whereby the control of said means may be readily changed."

"15. In a telephone exchange system, a calling line, selector switches for extending a connection from said calling line, a registering mechanism for controlling said switches, said mechanism comprising a plurality of registers and an impulse controlling device, means under the control of the calling subscriber for setting said registers to record digits of desired connections, a cross-connecting rack interposed between said registers and said impulse controlling device, and means of connecting terminals of said registers corresponding to non-existing offices of the exchange to said rack whereby connections attempted to such non-existent offices are routed to an operator's position."

TRADE-MARKS

OFFICIAL GAZETTE, SEPTEMBER 13, 1927.

[VOL. 362. No. 2.]

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication.

Marks applied for "under the ten-year proviso" are registrable under the provision in clause (b) of section 5 of said act as amended February 18, 1911.

As provided by section 14 of said act, a fee of ten dollars must accompany each notice of opposition.

CLASS 1.

RAW OR PARTLY-PREPARED MATERIALS.

Ser. No. 250,727. **WOLVERINE COAL & MINING COMPANY**, Chicago, Ill. Filed June 17, 1927.



Particular description of goods.—Coal.
Claims use since Apr. 1, 1925.

Ser. No. 250,729. **WOLVERINE COAL & MINING COMPANY**, Chicago, Ill. Filed June 17, 1927.



Particular description of goods.—Coal.
Claims use since Apr. 1, 1923.

Ser. No. 252,052. **MARYLAND NEW RIVER COAL COMPANY**, Philadelphia, Pa. Filed July 14, 1927.

DUBREE

Particular description of goods.—Coal.
Claims use since 1919.

CLASS 2.

RECEPTACLES.

Ser. No. 238,492. **H. D. DREYER AND COMPANY, INC.**, Baltimore, Md. Filed Oct. 12, 1926.



All words shown on the drawing are disclaimed apart from the mark as shown.

Particular description of goods.—Bottle Boxes Made of Wood.

Claims use since Jan. 1, 1924.

CLASS 3.

BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKET-BOOKS.

Ser. No. 252,619. ISIDOR RABINOWITZ, doing business as Crescent Leather Goods Co., New York, N. Y. Filed July 27, 1927.



No claim is made to the word "Make" apart from the mark shown on the drawing.

Particular description of goods.—Ladies' Hand Bags, Purses, and Pocketbooks Made of Leather and Textile Fabric.

Claims use since May 1, 1903.

CLASS 4.

ABRASIVE, DETERGENT, AND POLISHING MATERIALS.

Ser. No. 232,437. UNITED STATES SAND PAPER CO., Williamsport, Pa. Filed May 28, 1926.

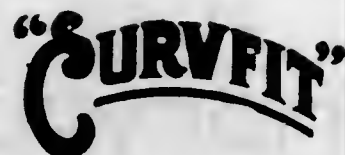
MAPBRAND

Applicant does not claim the exclusive use of the word "Brand" standing alone or apart from the mark shown.

Particular description of goods.—Abrasive Paper and Cloths Including Flint, Garnet, Emery, Carbalox, and Herculundum.

Claims use since about Sept. 18, 1922.

Ser. No. 249,465. CURVEIT SALES CORP., New York, N. Y. Filed May 24, 1927.



Particular description of goods.—Shaving Creams in the Nature of Soap Creams to be Used Before Shaving.

Claims use since Mar. 16, 1927.

Ser. No. 250,567. SUNFLOWER AUTO PAINT & POLISH COMPANY, doing business as Sunflower Auto Paints & Polish Company, Los Angeles, Calif. Filed June 21, 1927.

SUNFLOWER

Particular description of goods.—Dressing for Fabric or Leather—Namely, Automobile Top Dressing.

Claims use since Dec. 1, 1924.

CLASS 6.

CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.

Ser. No. 202,901. SOMA PRODUCTS CO., Los Angeles, Calif., assignor to Frederick G. Mathison, Los Angeles, Calif. Filed Sept. 22, 1924.

SOMA

Particular description of goods.—Bath Salts and Toilet Articles—Namely, Face Lotion, Face Cream, Hair Tonic, Nail Enamel, Hair Oil, Tooth Powder, Tooth Paste, Cream Lotion, Foot Powder, Talcum Powder, and Face Powder.

Claims use since May 1, 1923.

Ser. No. 222,903. WILFRED LABORATORIES, INC., New York, N. Y. Filed Nov. 5, 1925.

BLANCHETTE

Particular description of goods.—Toilet Preparations—Namely, Powders, Skin Enamel, Liquid Powder, Face Creams, and Cleansing Creams.

Claims use since about October, 1921.

Ser. No. 229,117. PAUL PETER MÜLLERS, doing business as Eau de Cologne- & Parfümerie-Fabrik "Glockengasse No. 4711" gegenüber der Pferdepost von Ferd. Mühlens, Cologne-on-the-Rhine, Germany. Filed Mar. 24, 1926.

Mistral

Particular description of goods.—Eau de Cologne-Water, Perfumery, Hair Tonics, Shampoo, Pomade, Brilliantine, Cold Cream, Vanishing Cream, Rouge, Face Powder, Baby-Powder, Shaving Lotion, Tooth Paste, Mouth-Wash, Head Tonics, and Ethereal Oils for Perfumes.

Claims use since June, 1920.

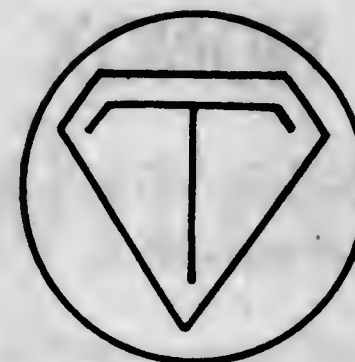
Ser. No. 236,641. D'ORSAY PERFUMERIES CORPORATION, New York, N. Y. Filed Aug. 30, 1926.

LE DANDY

Particular description of goods.—Perfumes, Perfume Extracts, Bath Salts, Talcum Powders, Face Powder, Body Powder, Dusting Powder, Sachet Powder, Toilet Water, Toilet Creams, Brilliantine, Hair Tonics, Lip Sticks, Rouge, Powder Compacts, and Lotions or Liquid Preparations for Medicinal or Toilet Purposes.

Claims use since Aug. 1, 1926.

Ser. No. 239,600. GERHARD F. SCHMIDT AKTIENGESELLSCHAFT, Zurich, Switzerland. Filed Nov. 2, 1926.



Particular description of goods.—Pharmaceutical Preparations for Human Use in the Treatment of Rheumatism, Gout, Sciatica, Lumbago, Neuritis, Headache, Colds, and Influenza.

Claims use since about July, 1926.

Ser. No. 240,106. ALBERT C. TIENKEN, doing business as The Phen-O-Cel Co., Lindsay, Calif. Filed Nov. 15, 1926.

PHEN-O-CEL

Particular description of goods.—Remedies for Headache, Neuralgia, and Pains Centering on the Trigeminal Nerve, Prepared in Powder or Tablet Form.

Claims use since Dec. 1, 1905.

Ser. No. 240,115. THE WILLIAM A. WEBSTER CO., Memphis, Tenn. Filed Nov. 15, 1926.

Super Narcisse

Applicant disclaims the use of the word "Narcisse" apart from the mark as shown.

Particular description of goods.—Face Powders, Face Creams, Face Packs, Toilet Waters, Rouges, Lip Sticks, Eyebrow Pencils, Skin Lotions, Perfumes, Hair Tonics, Hair Oils, Tooth Paste, Dentifrices, Deodorizing Preparations, Shampoos, Talcum Powders, Foot Powders, Sachets, Smelling Salts, Bath Salts, and Incense.

Claims use since Sept. 1, 1925.

Ser. No. 242,697. WALLERSTEIN COMPANY, INC., New York, N. Y. Filed Jan. 11, 1927.

CARAMEX

Particular description of goods.—Caramel Sugar Color.

Claims use since Sept. 29, 1926.

Ser. No. 244,390. MRS. VERNIE BRUHN, Wheeling, W. Va. Filed Feb. 15, 1927.

V WONDER

Particular description of goods.—Pneumonia and Flu Ointment for External Use Only.

Claims use since Oct. 25, 1926.

Ser. No. 245,925. ROSE-CLIFF PRODUCTS CO., INC., Bennington, Vt. Filed Mar. 17, 1927.

BOLA-CURA

The word "Cura" is disclaimed apart from the mark as shown.

Particular description of goods.—Specific for Bolls, Pimples, and Carbuncles.

Claims use since August, 1926.

Ser. No. 246,072. WILLIAM S. BURKHART, Jr., doing business as Burkhardt Medical Company, Cincinnati, Ohio. Filed Mar. 21, 1927.



The words "System Builder" are disclaimed apart from the other features of the mark.

Particular description of goods.—Medicated Tablets Recommended for Treatment of Liver, Stomach, Bowel, and Blood Disorders, Constipation, Indigestion, Biliaryness, Headaches, and General Nervous Run-down System.

Claims use since Feb. 21, 1927.

Ser. No. 248,138. THE VERIS COMPANY, Omaha, Nebr. Filed Apr. 28, 1927.

VERIS

Particular description of goods.—Compound for Varicose Veins in the Form of a Salve.

Claims use since Feb. 1, 1927.

Ser. No. 248,567. S. E. HACKMAN, Holdrege, Nebr. Filed May 6, 1927.

Vaporene

Particular description of goods.—Roup Preparation and Louse and Mite Destroyer.

Claims use since on or about January, 1924.

Ser. No. 248,884. DELETTREZ OF FRANCE, INC., New York, N. Y. Filed May 12, 1927.

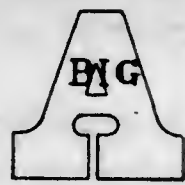
Delettrez

Particular description of goods.—Astringents, Astringent Cerates, Bleach Creams, Beauty Creams, Cold Creams, Cleansing Creams, Obesity Creams, Refreshing

Creams, Obesity Astringents, Dry Rouges, Liquid Rouges, Face Bleaches, Face Packs, Eyebrow and Eyelash Grower, Eye Drops, Hand Lotions, Skin Lotions, Face Powders, Talcum Powders, Shampoos, Hair Dyes, Bath Salts, Smelling Salts, Lip Sticks, Rusmas, Incense, Tooth Powders, Mouth Washes, Dentifrices, Tooth Pastes, Nail Powders, Nail Creams, Nail Bleaches, Witch Hazel, Peroxide, Petroleum Jellies, Witch Hazel Salves, Camphor Creams, Foot Powders, Deodorants, Disinfectants, Aspirin, Bay Rum, Perfumes, and Toilet Waters.
Claims use since May 3, 1927.

Ser. No. 249,235. OSMO CHEMICAL COMPANY, Jacksonville, Fla. Filed May 19, 1927.

OSMO



Particular description of goods.—Antiseptic Deodorant and Antizymotic.
Claims use since Jan. 1, 1927.

Ser. No. 249,420. HYMAN HUEBSCHMAN, doing business as Ritz Perfume Company, Brooklyn, N. Y. Filed May 23, 1927.



Particular description of goods.—Hairdressing and Hair Tonic, Both for Hair and Scalp Cleansers and Tonics.
Claims use since Sept. 1, 1923.

Ser. No. 249,615. TECHNISCHE CHEMIKALIEN-GESellschaft G. m. b. H., Halle-Saale, Germany. Filed May 26, 1927.

Caoutchol

Particular description of goods.—Oils Used in the Vulcanization of India Rubber.
Claims use since Apr. 1, 1923.

Ser. No. 249,778. BRITISH DYESTUFFS CORPORATION, LTD., Blackley, Manchester, England. Filed May 31, 1927.

NONOX

Particular description of goods.—Chemical Substances Used in the Manufacture of India Rubber to Prevent Oxidation.

Claims use since Dec. 1, 1926.

Ser. No. 249,796. JARVAISE PERFUMER, INC., Minneapolis, Minn. Filed May 31, 1927.

JARVAISE

Particular description of goods.—Perfumes, Toilet Waters, Toilet Creams, Tissue Tonics, Face Powders, Talcum Powders, and Shampoos.

Claims use since on or about February, 1922.

Ser. No. 250,707. H. S. PETERSON & Co., Chicago, Ill. Filed June 17, 1927.

Petrox

Particular description of goods.—After-Shaving Lotion; Rubbing Alcohol, Antiseptic Solution, Almond Cream, Liquid Mouth Wash, Gargle and Spray, Bay Rum, Camphor Oil Compounds, Liquid Eye Wash, Balm for Softening Roughened and Chapped Skin, Hairdressing, Freckle Lotion, Rose Water, Hair-Curling Preparation, Hair Tonic, Lemon Lotion for Chapped and Roughened Skin, Liniment for External Application, and Witch Hazel.
Claims use since May 16, 1927.

Ser. No. 250,833. JULIAN RODRIGUES BRANDON, doing business as Lurline Mfg. Company, San Francisco, Calif. Filed June 21, 1927.

LURLINE

Particular description of goods.—Worm Eradicator for Dogs and Foxes.
Claims use since Mar. 30, 1927.

Ser. No. 251,497. GENERAL LABORATORIES, Madison, Wis. Filed July 5, 1927.

INDOR

Particular description of goods.—Insecticides.
Claims use since May 3, 1927.

Ser. No. 251,700. THE GEO. L. WILLIAMS COMPANY, Cleveland, Ohio. Filed July 8, 1927.



The words "Sanitary" and "Promotion Products" are disclaimed.

Particular description of goods.—Disinfectants, Insecticides, Spray Fluids, and Formaldehyde Solutions.
Claims use since July 10, 1925.

Ser. No. 251,786. NATIONAL ANILINE & CHEMICAL COMPANY, INCORPORATED, New York, N. Y. Filed July 9, 1927.

Barrico

Particular description of goods.—An Aromatic, Synthetic, Organic Chemical Compound Derived from Coal-Tar to be Used as a Flotation Agent.
Claims use since June 28, 1927.

Ser. No. 251,914. LES Etablissements POULENC FRÈRES, Paris, France. Filed July 12, 1927.

CARINOL

Particular description of goods.—Oleate of Methyl.
Claims use since Jan. 26, 1927.

Ser. No. 251,917. LES Etablissements POULENC FRÈRES, Paris, France. Filed July 12, 1927.

DAZOL

Particular description of goods.—Acetyloxyamino Phenylarsinate of Ammonium.
Claims use since Jan. 26, 1927.

Ser. No. 251,923. MAURICE MARQUILLER, Paris, France. Filed July 12, 1927.

PLASTOS

Particular description of goods.—Face and Talcum Powder, Toilet Waters, Face and Skin Lotion, Toilet Cream, Rouge, and Lip Stick.
Claims use since August, 1926.

Ser. No. 251,980. PANACIDE HOLDING COMPANY, INC., Birmingham, Ala. Filed July 13, 1927.

PANACIDE

Particular description of goods.—Tooth Pastes, Hair Tonics, Face Lotions, Dental Liquid for Use in Treatment of the Gums, Talcum Powders, and Antiseptic Solutions.

Claims use since June 10, 1927.

Ser. No. 252,007. YORK LABORATORIES COMPANY, York, Pa. Filed July 13, 1927.

DOLEX

Particular description of goods.—Powder for Correcting Acid Conditions of the Mouth and Stomach and Other Purposes.

Claims use since May 2, 1927.

Ser. No. 252,040. JOSEPH HAIMOWITZ, New York, N. Y. Filed July 14, 1927.

MANNOL GLAND

Applicant disclaims the use of the word "Gland" apart from the mark shown in the drawing.

Particular description of goods.—Medicine or Preparation for Restoring the Nervous System.
Claims use since January, 1927.

Ser. No. 252,137. DOMINICK JOHN ARENA, doing business as Pinklac Chemical Company, Camden, N. J. Filed July 15, 1927.

PINKLAC

Particular description of goods.—Medicinal Preparation for Acidity, Heartburn, Indigestion, Dyspepsia, Gases, Bilioousness, Constipation, Vomiting, and Nausea.
Claims use since September, 1925.

Ser. No. 252,158. LA SALLE PRODUCTS, INC., St. Paul, Minn. Filed July 16, 1927.



Particular description of goods.—Perfume.
Claims use since March, 1927.

Ser. No. 252,178. IRVIN S. ZELUFF, New York, N. Y.
Filed July 16, 1927.



Particular description of goods.—Perfume, Toilet Water, Talcum, Face Powder, Sachet, Lip Stick, Rouge, Compact, Face Powder Compact, Eyebrow Pencil, Cold Cream, Vanishing Cream, Depilatory, Dentifrice, Brilantine, Hair Tonic, Liquid Rouge, Face and Skin Lotion, Nail Polish Powder, Nail Polish Liquid, Massage Cream, Smelling Salts, Tissue Cream, Cleansing Cream, Bleaching Cream, Lemon Cream, Hand Lotion, and Beauty Cream.

Claims use since Oct. 1, 1926.

Ser. No. 252,255. ASSOCIATION OF AMERICAN SOAP & GLYCERINE PRODUCERS, INC., doing business as Glycerine Producers Association, New York, N. Y. Filed July 19, 1927.



On the drawing the lining designates shading only.
Particular description of goods.—Glycerin Antifreeze Solution for Automobile Radiators.

Claims use since June 30, 1927.

Ser. No. 252,358. THE UPJOHN COMPANY, Kalamazoo, Mich. Filed July 20, 1927.

EUCOPHEN

Particular description of goods.—Tablets for the Treatment of Arthritis and Rhenmatic Conditions.
Claims use since May 3, 1927.

Ser. No. 252,457. INKERMANN BAILEY, New York, N. Y.
Filed July 23, 1927.

Nezon

Particular description of goods.—Preparation for Removing Shine from the Skin, and Particularly the Nose.
Claims use since June 1, 1927.

Ser. No. 252,579. AIREO PRODUCTS COMPANY, Oakland, Calif. Filed July 27, 1927.



Particular description of goods.—Water Softening Compounds.
Claims use since Apr. 1, 1927.

Ser. No. 253,002. J. L. BAKER, Gary, Ind. Filed Aug. 4, 1927.

J. L. B.

Particular description of goods.—Medicine for Enriching and Purifying the Blood.
Claims use since July 30, 1927.

CLASS 10.

FERTILIZERS.

Ser. No. 252,818. A. H. CASE AND CO., INC., Buffalo, N. Y. Filed Aug. 1, 1927.

PAR PLUS

Particular description of goods.—Fertilizers.
Claims use since July 12, 1927.

CLASS 12.

CONSTRUCTION MATERIALS.

Ser. No. 248,798. THE SANDUSKY CEMENT COMPANY, Cleveland, Ohio. Filed May 10, 1927.



The words "The Sandusky Cement Company, Cleveland, Ohio," and "White Portland Cement Stainless" are disclaimed apart from the mark shown in the drawing.

Particular description of goods.—Portland Cement.
Claims use since Apr. 4, 1927.

Ser. No. 250,436. ISRAEL CAIGAN, Boston, Mass. Filed June 13, 1927.

UNITEX

Particular description of goods.—High-Temperature Cement.
Claims use since June 10, 1927.

Ser. No. 251,641. ACME BRICK COMPANY, Fort Worth, Tex. Filed July 8, 1927.

GIRALDA

Particular description of goods.—Brick.
Claims use since January, 1927.

Ser. No. 251,643. ACME BRICK COMPANY, Fort Worth, Tex. Filed July 8, 1927.

SEMINOLE

Particular description of goods.—Brick.
Claims use since January, 1927.

Ser. No. 251,793. THE RUBEROID CO., Boundbrook, N. J., and New York, N. Y. Filed July 9, 1927.

HURRICANE

Particular description of goods.—Bituminized Roofings, Shingles, and Strip Shingles.
Claims use since June 7, 1917.

Ser. No. 252,247. WILLIAM G. MORRISON, doing business as Vendope Service System, Dallas, Tex. Filed July 18, 1927.

Vendope

Particular description of goods.—Sign Supports.
Claims use since about Mar. 1, 1927.

CLASS 13.

HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.

Ser. No. 243,987. CHARLES F. WIESENMEYER, Springfield, Ill. Filed Feb. 7, 1927.

Wee-Zee

TRADE MARK.
Tire Chains

All words appearing on the drawing with the exception of the designed word "Wee-Zee" are descriptive only and are not claimed as part of the actual trade-mark.

Particular description of goods.—Automobile Tire Chains.

Claims use since about Apr. 21, 1924.

Ser. No. 251,273. PHILIP HAAS, doing business as Philip Haas Company, Dayton, Ohio. Filed June 29, 1927.

RELY-A-BALL

No claim is made to the word "Ball" apart from the mark as shown.

Particular description of goods.—Flush-Valve Mechanism for Flushing Tanks.

Claims use since Mar. 1, 1927.

Ser. No. 251,890. CHEVALIER, INC., San Francisco, Calif. Filed July 12, 1927.

DRAINATOR

Particular description of goods.—Steam Trap or Condensation Drainer.

Claims use since June 1, 1927.

Ser. No. 252,431. HAMBLIN & RUSSELL MANUFACTURING COMPANY, INC., Worcester, Mass. Filed July 22, 1927.



The drawing is lined for green. No claim is made to the representation of the handle per se. The mark is shown by enamelling the handles of the articles with a green tip.

Particular description of goods.—Tea Strainers and Soup Strainers.

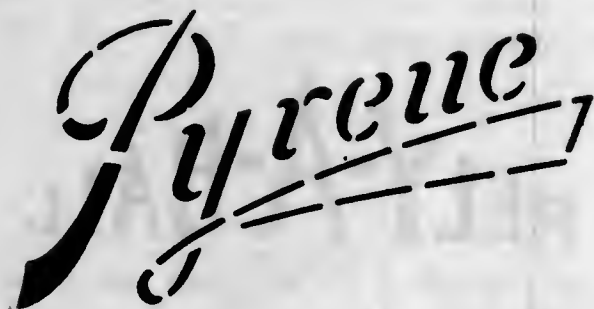
Claims use since June 9, 1927.

Ser. No. 252,634. AMERICAN HARD RUBBER COMPANY, Hempstead and New York, N. Y. Filed July 28, 1927.



Particular description of goods.—Hard Rubber Caster Wheels.
Claims use since July, 1926.

Ser. No. 252,913. PYRENE MANUFACTURING COMPANY, Newark, N. J. Filed Aug. 2, 1927.



Particular description of goods.—Automobile Tire Chains.
Claims use since June 21, 1927.

CLASS 15.

OILS AND GREASES.

Ser. No. 241,771. EAGLE LUBRICATING OIL COMPANY, Pittsburgh, Pa. Filed Dec. 21, 1926.



No claim is made to the words "Grease" and "Trade-Mark" apart from the mark shown in the drawing.
Particular description of goods.—Lubricating Grease.
Claims use since about Dec. 8, 1926.

Ser. No. 248,068. UNION OIL COMPANY OF CALIFORNIA, Los Angeles, Calif. Filed Apr. 27, 1927.

MOTORITE

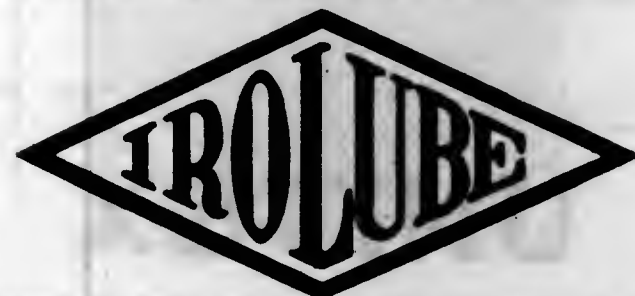
Particular description of goods.—Lubricating Oil.
Claims use since Jan. 1, 1909.

Ser. No. 248,201. STANDARD OIL COMPANY, Whiting, Ind., and Chicago, Ill. Filed Apr. 29, 1927.

STANOLIND AERO

The word "Aero" is disclaimed apart from the mark shown in the drawing.
Particular description of goods.—Lubricating Oils.
Claims use since Dec. 2, 1922.

Ser. No. 251,708. THE BAEBER ASPHALT COMPANY, Philadelphia, Pa. Filed July 9, 1927.



Particular description of goods.—Lubricant in the Nature of an Oil.
Claims use since June 6, 1927.

Ser. No. 251,820. CALUMET REFINING COMPANY, Chicago, Ill. Filed July 11, 1927.

FORBANOIL

for FORDS

No claim is made to the words "For Fords" apart from the mark here shown.
Particular description of goods.—Lubricating Oils.
Claims use since May 1, 1926.

Ser. No. 252,376. THE GREAT AMERICAN TEA CO., Brooklyn, N. Y. Filed July 21, 1927.



Particular description of goods.—Machine Oil.
Claims use since January, 1925.

Ser. No. 252,502. CHESTNUT & SMITH CORPORATION, Tulsa, Okla. Filed July 25, 1927.

NATURALINE

Particular description of goods.—Gasoline.
Claims use since on or about May 1, 1927.

Ser. No. 252,627. STANDARD OIL COMPANY (NEW JERSEY), Bayonne, N. J. Filed July 27, 1927.

DIOL

Particular description of goods.—Lubricating Oil, Lubricating Greases, Transformer Oil, and Electric-Switch-Insulating Oil.
Claims use since June 11, 1927.

CLASS 16.

PAINTS AND PAINTERS' MATERIALS.

Ser. No. 229,488. THE ARTCROFTERS INC., Portland, Me. Filed Apr. 1, 1926.



No claim is made to the word "Colors" shown on the drawing nor to the lining which indicates red color. The representation of the artist's palette is hereby disclaimed.

Particular description of goods.—Artists' Paint Pigments of Various Colors.
Claims use since Mar. 1, 1926.

Ser. No. 250,315. MIDLAND PAINT PRODUCTS CO., Midland Park, N. J. Filed June 10, 1927.

MIDCO

Particular description of goods.—Paint in Dry, Paste, and Ready-Mixed Form.
Claims use since Mar. 23, 1927.

Ser. No. 251,779. THE MORGAN COMPANY, Peoria, Ill. Filed July 9, 1927.

TOKENO

Particular description of goods.—Varnishes, Varnish Finishes, and Japans.
Claims use since about May 1, 1927.

CLASS 19.

VEHICLES, NOT INCLUDING ENGINES.

Ser. No. 234,441. MORRIS W. LEVY, doing business as Levy Plumbing Company, Dallas, Tex. Filed July 12, 1926.



No claim is made to the truck per se or the words "Plumbing Shop on Wheels System Levy Plumbing Co." apart from the mark shown in the drawing.
Particular description of goods.—Automotive-Vehicle Bodies.
Claims use since Jan. 1, 1916.

Ser. No. 243,137. THE BREWER-TITCHENER CORPORATION, Cortland, N. Y. Filed Jan. 21, 1927.

Moto Gard

Particular description of goods.—Controllable Shutter Fronts for Automobile Engine Radiators.
Claims use since April, 1926.

Ser. No. 249,200. THE F. B. STEARNS COMPANY, Cleveland, Ohio. Filed May 18, 1927.



Particular description of goods.—Passenger-Carrying Automobiles.
Claims use since on or about November, 1922.

Ser. No. 250,061. Buhl Aircraft Company, Marysville, Mich. Filed June 6, 1927.

AIRSEDAN

Particular description of goods.—Aeroplanes.
Claims use since about Apr. 15, 1927.

Ser. No. 250,530. THE DISCO HEATER & MANUFACTURING Co., Chicago, Ill. Filed June 15, 1927.



No claim for registration is made for the word "Heater" apart from the mark as shown in the drawing.

Particular description of goods.—Automobile Heaters of the Type in Which Air is Heated by the Engine and Parts Connected Therewith, and Then Discharged into the Body of the Automobile.

Claims use since on or about Mar. 1, 1927.

Ser. No. 251,518. THE STUDEBAKER CORPORATION, South Bend, Ind. Filed July 5, 1927.

REGAL COMMANDER

Particular description of goods.—Automobiles.
Claims use since June 29, 1927.

Ser. No. 251,519. THE STUDEBAKER CORPORATION, South Bend, Ind. Filed July 5, 1927.

ROYAL DICTATOR

Particular description of goods.—Automobiles.
Claims use since June 20, 1927.

Ser. No. 252,801. THE STUDEBAKER CORPORATION, South Bend, Ind. Filed July 30, 1927.

THE DICTATOR

Particular description of goods.—Automobiles.
Claims use since July 12, 1927.

Ser. No. 252,987. THE STUDEBAKER CORPORATION, South Bend, Ind. Filed Aug. 3, 1927.

THE PRESIDENT

Particular description of goods.—Automobiles.
Claims use since July 27, 1927.

CLASS 21.

ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.

Ser. No. 235,127. EDISON ELECTRIC APPLIANCE COMPANY, Chicago, Ill. Filed July 26, 1926.

SUPER-IRON

In the drawing color lines are used to represent orange. No claim is made to the word "Iron" apart from the mark shown in the drawing.

Particular description of goods.—Electric Flatirons.
Claims use since December, 1925.

Ser. No. 247,744. WILLIAM E. LYON, doing business as Lyon Electric Co., San Diego, Calif. Filed Apr. 20, 1927.



The words "Quality," "Service," and "Value" are disclaimed apart from the mark shown.

Particular description of goods.—Electrically-Heated Brooders, Electrically-Heated Incubators, Electrical Alarms for Indicating the Cutting Off of Power, Electrical-Heating Coils, Burglar Alarms, and Time-Operating Switches.

Claims use since January, 1927.

Ser. No. 248,142. WISE-McCLUNG COMPANY, LTD., New Philadelphia, Ohio. Filed Apr. 28, 1927.



No claim is made to the words "Complete Power for Radio" apart from the mark shown in the drawing.

Particular description of goods.—Automatic-Socket-Power Units for Radio Receivers, and Other Electrical Current and Potential Consuming Devices, Comprising "A" Power Units, "BC" Power Units, and "ABC" Power Units.

Claims use since Apr. 11, 1927.

Ser. No. 248,603. THE WEBSTER CO., Chicago, Ill. Filed May 6, 1927.

"BONE-DRI"

Particular description of goods.—Electrical Power-Current Supply Units for Radio Receiving Sets.
Claims use since Apr. 30, 1927.

Ser. No. 249,494. ALL-STEEL-EQUIP COMPANY, Aurora, Ill. Filed May 25, 1927.

A-S-E

Particular description of goods.—Electric-Wiring Devices Comprising Cut-Out Boxes, Switch Boxes, Circuit Boxes, Outlet Boxes, Fuse Blocks, and Switches.
Claims use since 1913.

Ser. No. 249,788. J. K. FRIEZE, doing business as Nomad Mfg. Co., Los Angeles, Calif. Filed May 31, 1927.

NOMAD

Particular description of goods.—Radio-Receiving Sets and Parts Thereof.
Claims use since May 2, 1927.

Ser. No. 249,816. SENTINEL MFG. CO., Chicago, Ill. Filed May 31, 1927.



Particular description of goods.—Battery Eliminators and Battery Chargers Including Rectifiers, Rectifying-Power Units, and Vacuum Tubes.
Claims use since Sept. 1, 1926.

Ser. No. 250,670. ASBESTOS SHINGLES, SLATE & SHEATHING COMPANY, Ambler, Pa. Filed June 17, 1927.

AMBLEROID

Particular description of goods.—Cold Molded Material for Electrical Insulation.
Claims use since May 4, 1927.

362 O. G.—17

Ser. No. 250,672. AUTO DEFLECTOR COMPANY, Bristol, Tenn. Filed June 17, 1927.

Nodimolite

Particular description of goods.—Screens for Automobile Headlights.
Claims use since June 11, 1927.

Ser. No. 250,741. ELECTRO-MOTIVE ENGINEERING CORPORATION, New York, N. Y. Filed June 18, 1927.



Particular description of goods.—Resistance Units and Grid Leaks, Condensers, and Rheostats.
Claims use since about February, 1927.

Ser. No. 251,034. GLOBE ART MANUFACTURING COMPANY, Newark, N. J. Filed June 24, 1927.

FARAPAK

Particular description of goods.—Electrical Condensers Especially Adapted for Use With Radio Apparatus.
Claims use since Jan. 1, 1927.

Ser. No. 251,123. CHICAGO PNEUMATIC TOOL COMPANY, New York, N. Y. Filed June 25, 1927.

HICYCLE

Particular description of goods.—Electrical Apparatus and Machines, Particularly Portable Screw Drivers, Nut Runners, Stud Setters, Tappers (With Reversing Gearing), Also Machines for Surface Finishing, Particularly Sanders.

Claims use since July 31, 1926, on screw drivers and stud setters; since Feb. 2, 1927, on nut runners; since Mar. 9, 1926, on tappers (with reversing gearing), and since Oct. 8, 1926, on sanders.

Ser. No. 251,124. CHICAGO PNEUMATIC TOOL COMPANY, New York, N. Y. Filed June 25, 1927.

Hicycle

Particular description of goods.—Electrical Apparatus and Machines, Particularly Portable Screw Drivers, Nut Runners, Stud Setters, Tappers (With Reversing Gearing), Also Machines for Surface Finishing Particularly Sanders.

Claims use since July 31, 1926, on screw drivers and stud setters; since Feb. 2, 1927, on nut runners; since Mar. 9, 1926, on tappers (with reversing gearing), and since Oct. 8, 1926, on sanders.

Ser. No. 251,386. BURGESS BATTERY COMPANY, Madison, Wis. Filed July 1, 1927.



Particular description of goods.—Electric Batteries.
Claims use since May, 1917.

Ser. No. 251,682. PREMIER LABORATORY COMPANY, INC., New York, N. Y. Filed July 8, 1927.



Particular description of goods.—Electrically-Operated Sound Reproducers for Use With Radio Receiving Apparatus.
Claims use since Apr. 1, 1927.

Ser. No. 252,117. STANDARD OIL COMPANY (NEW JERSEY), Bayonne, N. J. Filed July 15, 1927.

Marcol

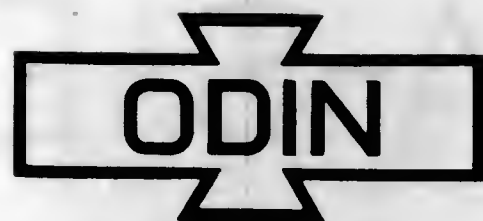
Particular description of goods.—Electrical Insulating Compound.
Claims use since Apr. 4, 1922.

Ser. No. 252,403. THE UNITED ELECTRIC COMPANY, Canton, Ohio. Filed July 21, 1927.



Particular description of goods.—Electrically-Operated Vacuum Cleaners.
Claims use since Jan. 13, 1927.

Ser. No. 252,667. JOHN R. TERRY, Detroit, Mich. Filed July 28, 1927.



Particular description of goods.—Storage Batteries and Battery Chargers.
Claims use since June 9, 1927.

Ser. No. 252,725. NEW ENGLAND WIRE COMPANY, Westfield, Mass. Filed July 29, 1927.



Particular description of goods.—Electrical Wires and Cables.
Claims use since July 26, 1926.

CLASS 22.

GAMES, TOYS, AND SPORTING GOODS.

Ser. No. 248,993. BLOOMFIELD MFG. CO., Bloomfield, N. J. Filed May 14, 1927.

KRINGLES

Particular description of goods.—Christmas-Tree Ornaments.
Claims use since Feb. 23, 1927.

Ser. No. 252,842. HILLERICH & BRADSBY CO., Louisville, Ky. Filed Aug. 1, 1927.

The trade-mark is the facsimile of L. Goslin, permission granted.
Particular description of goods.—Baseball Bats.
Claims use since June 26, 1924.

Ser. No. 252,843. HILLERICH & BRADSBY CO., Louisville, Ky. Filed Aug. 1, 1927.

The trade-mark is the facsimile signature of Paul Waner, permission granted.
Particular description of goods.—Baseball Bats.
Claims use since Apr. 24, 1926.

Ser. No. 252,844. HILLERICH & BRADSBY CO., Louisville, Ky. Filed Aug. 1, 1927.

The mark is the facsimile signature of Louis Gehrig ("Lou Gehrig"), permission granted.
Particular description of goods.—Baseball Bats.
Claims use since Oct. 27, 1923.

CLASS 23.

CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.

Ser. No. 234,679. RAPID ADDRESSING MACHINE COMPANY, New York, N. Y. Filed July 17, 1926.



No claim is made to the word "Selector" appearing in said mark.

Particular description of goods.—Addressing Machines.
Claims use since June 28, 1926.

Ser. No. 240,329. WORCESTER LAWN MOWER COMPANY, Worcester, Mass. Filed Nov. 19, 1926.



The words "Ball Bearing" and "Made by Worcester Lawn Mower Co., Worcester, Mass., U. S. A." are hereby disclaimed apart from the mark shown.

Particular description of goods.—Lawn Mowers.
Claims use since Sept. 22, 1908.

Ser. No. 245,947. THE WYOMING SHOVEL WORKS, Wyoming, Pa. Filed Mar. 17, 1927.



The lining shown in the drawing indicates the color red. No claim is made to the word "Wyoming" apart from the other features of the trade-mark. The trade-

mark consists of a circular figure having a background of a red color with a black border, the border having serrations or irregularities on its inner periphery, and the words "Wyoming Red Edge" appearing upon the red background.

Particular description of goods.—Shovels, Scoops, Spades, Mattocks, and Picks.
Claims use since about Aug. 1, 1925.

Ser. No. 248,885. DELETTREZ OF FRANCE, INC., New York, N. Y. Filed May 12, 1927.

Particular description of goods.—Safety Razors, Knives, Forks, and Spoons of Base Metal, Pocket Knives, Razor Blades, Mechanical Razor Strops, Scissors, and Shears.
Claims use since May 3, 1927.

Ser. No. 250,007. ARROW SUPPLY & IMPORTING CO., New York, N. Y. Filed June 4, 1927.



Particular description of goods.—Jewelers' and Opticians' Supplies—Namely, Piercing Saws, Machine Saws, Pliers and Nippers, Ring Clamps, Ring Chucks, Engraving Tools, Watchcase Broaches, Mill Graining Wheels, Beading Tools, Beading Plates, Wheel Burrs, Setting Burrs, Setting Reamers, Grinding Wheels, Grinding Points, Metal Files, Charcoal Soldering Blocks, Pearl Drills, Flat Drills, Tool Handles, Saw Frames, Shears, Tweezers, Screw Drivers, Files for Lenses, and Lens Reamers.
Claims use since July 21, 1921.

Ser. No. 250,731. ALUMINUM GOODS MANUFACTURING COMPANY, Manitowoc, Wis. Filed June 18, 1927.



The trade-mark consists of the color orange painted or otherwise applied to the tip of the handle, as shown by the color lining used in the drawing. The representation of goods shown in the drawing is disclaimed.

Particular description of goods.—Cooking - Utensil Handles.
Claims use since Apr. 19, 1926.

Ser. No. 251,491. FRED DOLLE, INC., Chicago, Ill. Filed July 5, 1927.



Particular description of goods.—Shears and Razors.
Claims use since Apr. 1, 1906.

Ser. No. 251,938. TAYLOR BROS. MFG. CO., Los Angeles, Calif. Filed July 12, 1927.



No claim is made to the words "Grease Ram" and the illustration of the grease ram aside from the remaining portions of the mark as shown. The section lining of the letters of the words "Champion Grease Ram" indicate the color red, and the section lining of the enclosing ellipse indicating the color blue. The lines representing the grease ram in background are also blue.

Particular description of goods.—Grease Rams.
Claims use since June 13, 1927.

Ser. No. 252,028. CAROLUS MANUFACTURING COMPANY, Sterling, Ill. Filed July 14, 1927.



Particular description of goods.—Wire Clippers, Bolt Cutters, and Nut Splitters.
Claims use since October, 1926.

Ser. No. 252,364. ANCHOR CAP & CLOSURE CORPORATION, Long Island City, N. Y. Filed July 21, 1927.

ANCHOR

Particular description of goods.—Cap Openers, Closure-Applying Machines, Sealing Machines, and Pressure-Processing Systems for Cooking and Sterilizing Sealed Receptacles Containing Foods.
Claims use since 1913.

Ser. No. 252,616. MORIN'S LABORATORIES, INC., Newton, Mass. Filed July 27, 1927.

LIX

Particular description of goods.—Devices for Supplying Decarbonizing and Lubricating Liquid to Combustion Chambers of Internal-Combustion Engines.
Claims use since on or about Apr. 1, 1924.

Ser. No. 253,145. FOSTER PUMP WORKS, Brooklyn, N. Y. Filed Aug. 6, 1927.

EXCELSIOR

Particular description of goods.—Rotary Pumps.
Claims use since 1885.

CLASS 26.

MEASURING AND SCIENTIFIC APPLIANCES.

Ser. No. 251,782. THE LESLIE MANN SPORTOLOGY CORPORATION, Springfield, Mass. Filed July 9, 1927.

MANNSCOPE

Particular description of goods.—Motion-Picture Projectors.
Claims use since Dec. 1, 1925.

Ser. No. 251,798. THE UNIVIS LENS COMPANY, Dayton, Ohio. Filed July 9, 1927.

UNIVIS

Particular description of goods.—Ophthalmic Lenses.
Claims use since Jan. 20, 1927.

Ser. No. 251,956. THE DAYTON PUMP & MANUFACTURING COMPANY, Dayton, Ohio. Filed July 13, 1927.

SITEFLO

Particular description of goods.—Measuring Pumps, and Separate Units for Such Pumps.
Claims use since June 23, 1927.

CLASS 27.

HOROLOGICAL INSTRUMENTS.

Ser. No. 252,639. BULOVA WATCH COMPANY, INC., New York, N. Y. Filed July 28, 1927.

Trojan

Particular description of goods.—Watches and Watch Cases.
Claims use since Feb. 15, 1918.

Ser. No. 252,640. BULOVA WATCH COMPANY, INC., New York, N. Y. Filed July 28, 1927.

Sportsman

Particular description of goods.—Watches.
Claims use since Oct. 1, 1918.

CLASS 28.

JEWELRY AND PRECIOUS METAL WARE.

Ser. No. 240,405. DELTA THETA PHI LAW FRATERNITY, Cleveland, Ohio. Filed Nov. 22, 1926.



Particular description of goods.—Jewelry for Personal Wear Not Including Watches, Wall Plaques and Shields, All Made of or Plated with Precious Metal.
Claims use since about March, 1915.

Ser. No. 250,601. CARRINGTON & CO. INC., Newark, N. J. Filed June 16, 1927.



No rights to registration are claimed on the number "14" apart from the mark shown.

Particular description of goods.—Bottle Openers, Cigarette Cases, Collar Buttons, Link Buttons, Sleeve Buttons, Combination Cigarette and Vanity Cases, Dress Sets, Key Combination and Bottle Opener, Knives, Key Boxes, Pocket Combs, Bill Holders, Locketts, Miniature Frames, Match Boxes, Pocket Locketts, Pill Boxes, Studs, Stamp Boxes, Tie Clasps, Thermometer Cases, Vanity Cases, and Pocket Photo Books All Made of or Plated with Precious Metal.
Claims use since about December, 1900.

Ser. No. 250,602. CARRINGTON & CO. INC., Newark, N. J. Filed June 16, 1927.



No rights to registration are claimed on the number "18" apart from the mark as shown.

Particular description of goods.—Bottle Openers, Cigarette Cases, Collar Buttons, Link Buttons, Sleeve Buttons, Combination Cigarette and Vanity Cases, Dress Sets, Key

Combination and Bottle Openers, Knives, Key Boxes, Pocket Combs, Bill Holders, Locketts, Miniature Frames, Match Boxes, Pocket Locketts, Pill Boxes, Studs, Stamp Boxes, Tie Clasps, Thermometer Cases, Vanity Cases, and Pocket Photo Books All Made of or Plated with Precious Metal.

Claims use since about December, 1900.

Ser. No. 251,402. LIPPMANN, SPIER & HAHN, New York, N. Y. Filed July 1, 1927.

VICTORIAN ART



The words "Victorian Art" shown in the drawing are disclaimed apart from the mark shown, the portrait shown being the face of Queen Victoria of England, deceased.

Particular description of goods.—Bracelets, Bead Necklaces, Metal Necklaces, Brooches, Bar Pins, Earrings, Cuff Pins, Finger Rings, Pearls, Imitation Pearls, Pearl Necklaces, and the Following All Made Wholly or in Part or Plated with Precious Metal; Mesh Bags, Vanity Cases, Hair Bandeaux, Hat Ornaments, Pins for Dress Ornaments, Ornamental Pins and Buckles, Ornamental Shoe Buckles, and Hair Ornaments.
Claims use since August, 1925.

Ser. No. 251,408. ALBERT F. MUEHLKE, doing business as Muehlke Craftsmanship Shop, Detroit, Mich. Filed July 1, 1927.

MUEHL-CRAFT

Particular description of goods.—Wedding Rings, Ring Mountings, Pins, Bracelets, and Other Jewelry for Personal Wear (Not Including Watches) Made of or Plated with Precious Metal.
Claims use since Jan. 15, 1927.

CLASS 29.

BROOMS, BRUSHES, AND DUSTERS.

Ser. No. 250,072. FEDERAL WHOLESALE DRUGGISTS ASSOCIATION, Baltimore, Md. Filed June 6, 1927.

FEDERAL

Particular description of goods.—Toothbrushes.
Claims use since May 20, 1927.

Ser. No. 252,143. ALFRED G. BOEHLEN, doing business as A. Boehlen, Hamburg, Germany. Filed July 16, 1927.



Particular description of goods.—Toothbrushes.
Claims use since May, 1926.

Ser. No. 252,359. THE J. R. WATKINS COMPANY, Winona, Minn. Filed July 20, 1927.

Watkins JUNIOR

Particular description of goods.—Toothbrushes.
Claims use since June 6, 1922.

Ser. No. 253,094. HOLDEN KNITTING COMPANY, Worcester, Mass. Filed Aug. 5, 1927.

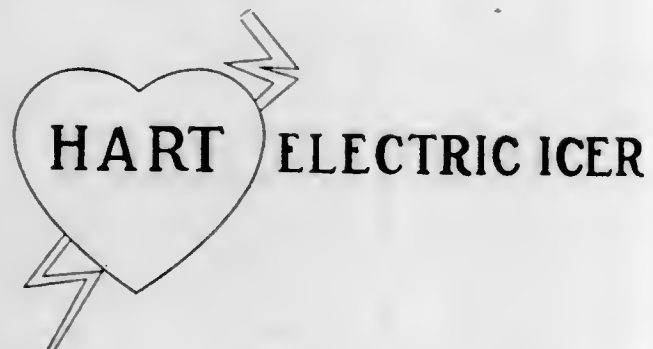
HANDYMIT

Particular description of goods.—Knitted, Washing, and Polishing Mitts.
Claims use since Aug. 1, 1925.

CLASS 31.

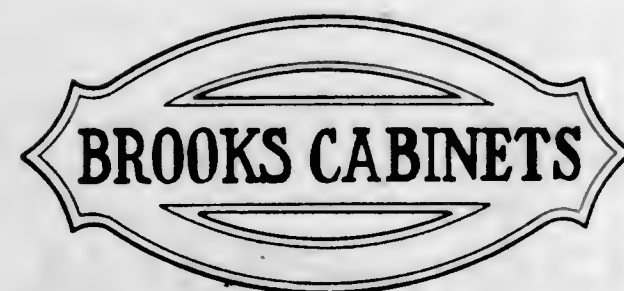
FILTERS AND REFRIGERATORS.

Ser. No. 235,326. W. B. WILDE CO., Peoria, Ill. Filed July 29, 1926.



The descriptive words "Electric Icer" are hereby disclaimed apart from the mark shown in the drawing.
Particular description of goods.—Refrigerators.
Claims use since on or about Mar. 15, 1926.

Ser. No. 252,083. BROOKS CABINET CO., INC., Norfolk, Va. Filed July 15, 1927.



No claim is made to the word "Cabinets."
Particular description of goods.—Ice-Cream Cabinets and Ice-Cream Refrigerators.
Claims use since Jan. 9, 1923.

CLASS 32.

FURNITURE AND UPHOLSTERY.

Ser. No. 241,085. THE BUCKLEY, NEWHALL COMPANY, New York, N. Y. Filed Dec. 7, 1926.

BLUE RIBBON

Particular description of goods.—Household and Office Furniture Constructed of Metal, Wood, Reed, Fiber, and Grass and Combinations Thereof, Comprising Chairs, Tables, Desks, Chiffoniers, Dressers, Sideboards, Buffets, China Closets, Pedestals, Kitchen, Music, Phonograph, Radio, and Smokers' Cabinets, Card Tables, Divans, Benches, Chiffonettes, Chifforobes, Couch Hammocks, Bureaus, Chair Seats, Settees, Cedar Chests, Sofas, Tea Wagons, Servers, Taborets, Ferneries, Console Sets, Stools, Children's Play Pens, Camp Furniture, Wood and Metal Bookcases, Wardrobes, Mirror Frames, Filing Cases, Book Ends, Children's Retaining Frames, Vanities, Medicine Chests, Wood Picture Frames, Pillows, Cushions, and Mirrors.

Claims use since Aug. 10, 1910.

Ser. No. 241,086. THE BUCKLEY, NEWHALL COMPANY, New York, N. Y. Filed Dec. 7, 1926.



The drawing is lined to indicate the color blue.

Particular description of goods.—Household and Office Furniture Constructed of Metal, Wood, Reed, Fiber, and Grass and Combinations Thereof, Comprising Chairs, Tables, Desks, Chiffoniers, Dressers, Sideboards, Buffets, China Closets, Pedestals, Kitchen, Music, Phonograph, Radio, and Smokers' Cabinets, Card Tables, Divans, Benches, Chiffonettes, Chifforobes, Couch Hammocks, Bureaus, Chair Seats, Settees, Cedar Chests, Sofas, Tea Wagons, Servers, Taborets, Ferneries, Console Sets, Stools, Children's Play Pens, Camp Furniture, Wood and Metal Bookcases, Wardrobes, Mirror Frames, Filing Cases, Book Ends, Children's Retaining Frames, Vanities, Medicine Chests, Wood Picture Frames, Pillows, Cushions, and Mirrors.

Claims use since Aug. 10, 1910.

Ser. No. 249,311. HARVEY C. WHEELER, doing business as Wheeler Clean Towel Company, Boston, Mass. Filed May 20, 1927.

NEWAY

Particular description of goods.—Towel Holders.
Claims use since Apr. 14, 1927.

Ser. No. 251,197. THE NICHOLS & COX LUMBER COMPANY, Grand Rapids, Mich. Filed June 27, 1927.

DINOFOLD

Particular description of goods.—Folding Tables and Combined Folding Tables and Seats.
Claims use since on or about June 1, 1927.

Ser. No. 251,417. SIMMONS COMPANY, New York, N. Y. Filed July 1, 1927.



Particular description of goods.—Bedsteads, Bed Springs, Cribs, Cots, Berths, Bunks, Couches, Day Beds, Davenport Beds, Costumers, Folding Chairs, Box Springs, Mattresses, Couch Pads, Bureaus, Dressers, Dressing Tables, Wardrobes, Chiffoniers, Chiffonettes, Chifforobes, Dresserobes, Vanities, Chairs, Benches, Grip Stands, Somnoes, Mirrors, Chairs, and Tables for Household and Office Use, Screens, and Writing Desks.
Claims use since on or about July 1, 1901.

Ser. No. 251,905. JASPER OFFICE FURNITURE COMPANY, Jasper, Ind. Filed July 12, 1927.



No claim is made to the words "Built Like a Stone Wall" apart from the mark as shown.
Particular description of goods.—Desks and Tables of Office and Household Furniture.
Claims use since June 1, 1927.

Ser. No. 251,955. D. F. H. NOVELTY FURNITURE CO. INC., Brooklyn, N. Y. Filed July 13, 1927.



Applicant disclaims the use of the representation of furniture appearing in the drawing apart from the mark shown.

Particular description of goods.—Tables for Household Use, Costumers, End Tables, Telephone Tables and Chairs for Household Use, Breakfast Sets Consisting of Tables, Chairs, Cabinets, and Servers for Household Use.
Claims use since September, 1926.

CLASS 33.

GLASSWARE.

Ser. No. 252,428. GILLINDER & SONS, INC., Philadelphia, Pa. Filed July 22, 1927.

REDNILLIG

Particular description of goods.—Glassware and Illuminating Glassware.
Claims use since July 1, 1927.

CLASS 34.

HEATING, LIGHTING, AND VENTILATING APPARATUS, NOT INCLUDING ELECTRICAL APPARATUS.

Ser. No. 251,457. ROBINSON FURNACE COMPANY, Chicago, Ill. Filed July 2, 1927.

GEM

Particular description of goods.—Furnaces in Which Coal is Used for Fuel.
Claims use since on or about Feb. 16, 1893.

CLASS 35.

BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.

Ser. No. 234,957. THE KEX MANUFACTURING COMPANY, Cleveland, Ohio. Filed July 23, 1926.

PLU-GUM

Particular description of goods.—Portable Tire-Casing-Repair Apparatus Comprising Plugs and Inserting Instruments.
Claims use since Jan. 14, 1926.

Ser. No. 235,675. BAEDER ADAMSON COMPANY, Boston, Mass. Filed Aug. 7, 1926.

BACO

Particular description of goods.—Gaskets and Packing in Sheet Form for Joints.
Claims use since Oct. 1, 1919.

Ser. No. 250,420. PERMA-WELD MFG. CO., Philadelphia, Pa. Filed June 11, 1927.

PERMA-WELD

Particular description of goods.—Rubber Repair Kits and Blowout Patches.
Claims use since Feb. 15, 1927.

Ser. No. 252,133. WAYNE BELTING AND SUPPLY COMPANY, Fort Wayne, Ind. Filed July 15, 1927.

TEXTAN

Particular description of goods.—Belting Formed of Leather and Fabric Strips.
Claims use since Dec. 23, 1925.

CLASS 36.

MUSICAL INSTRUMENTS AND SUPPLIES.

Ser. No. 237,828. SEARS, ROEBUCK AND CO., Chicago, Ill. Filed Sept. 27, 1926.

UNITONE

Particular description of goods.—Phonograph Needles.
Claims use since July 19, 1926.

Ser. No. 247,371. M. HOHNER, INC., New York, N. Y. Filed Apr. 13, 1927.

HOHNERPHONE

Particular description of goods.—Mouth Harmonicas.
Claims use since 1903.

Ser. No. 252,508. HOLCOMB AND HOKE MANUFACTURING COMPANY, Indianapolis, Ind. Filed July 25, 1927.

Electramuse

Particular description of goods.—Electrically-Operated Musical Instruments—Namely, Phonographs.
Claims use since May 15, 1927.

CLASS 37.

PAPER AND STATIONERY.

Ser. No. 247,796. JAPAN PAPER COMPANY, New York, N. Y. Filed Apr. 21, 1927.

FLORENTINE



Applicant disclaims any monopoly of the word "Florentine" apart from the mark shown in the drawing.
Particular description of goods.—Italian Hand-Made Printing Paper.
Claims use since Jan. 15, 1921.

Ser. No. 250,698. KEUFFEL & ESSER COMPANY, Hoboken, N. J. Filed June 17, 1927. Under 10-year proviso.

STANDARD

Particular description of goods.—Profile and Cross-Section Paper.
Claims use since Jan. 1, 1883.

Ser. No. 250,810. LION SYSTEMS, INC., Chicago, Ill. Filed June 20, 1927.



The lining shown in the mark is for the purpose of shading, color not being an essential feature of the mark. No claim is made to the word "Chicago" apart from the mark shown.

Particular description of goods.—Loose-Leaf Binders.
Claims use since May 18, 1927.

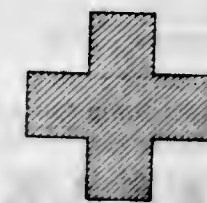
Ser. No. 251,377. AUTOMATIC PAPER MACHINERY COMPANY, INC., Newark, N. J. Filed July 1, 1927.

"CUT-RITE"

Particular description of goods.—Waxed Paper.
Claims use since Dec. 7, 1926.

Ser. No. 253,124. HILDA WEISTOCK, doing business as City Specialty Co., Baltimore, Md. Filed Aug. 5, 1927.

PURPLE CROSS



In the drawing the cross is lined to represent the color purple.
Particular description of goods.—Toilet Paper and Wax Paper.
Claims use since Sept. 25, 1925.

CLASS 38.

PRINTS AND PUBLICATIONS.

Ser. No. 248,894. ROBERT FRANK, doing business as The Book Service Company, New York, N. Y. Filed May 12, 1927.

GEBRAUCHSGRAPHIK INTERNATIONAL ADVERTISING ART

Particular description of goods.—Periodical Publication.
Claims use since Jan. 1, 1927.

Ser. No. 251,314. ARMSTRONG CORK COMPANY, Lancaster, Pa. Filed June 30, 1927.

Rolls and Rugs

Particular description of goods.—Magazine Published Monthly.
Claims use since June 15, 1927.

Ser. No. 252,315. CONANT & SERRICK, Philadelphia, Pa. Filed July 20, 1927.

LADDERGRAM

Particular description of goods.—A Word Puzzle, in Ladder Form in Newspaper Publications.
Claims use since July 11, 1927.

Ser. No. 252,417. THE CLEVELAND SHOPPING NEWS COMPANY, Cleveland, Ohio. Filed July 22, 1927.

Red-Cirk

Particular description of goods.—Printed Circulars.
Claims use since Mar. 16, 1927.

Ser. No. 252,557. THE JOURNAL OF ACCOUNTANCY, INCORPORATED, New York, N. Y. Filed July 26, 1927.

The JOURNAL of ACCOUNTANCY

Particular description of goods.—Periodicals.
Claims use since Apr. 1, 1921.

Ser. No. 252,580. B. ALTMAN & Co., New York, N. Y. Filed July 27, 1927.

ALTMAN MAGAZINE

Particular description of goods.—Magazine Issued Bi-monthly.
Claims use since Apr. 14, 1926.

Ser. No. 252,662. LOUIS RICHARD, Pittsburgh, Pa. Filed July 28, 1927.

SQUIRE EDGEGATE

Particular description of goods.—Cartoons in Newspaper Publications.
Claims use since Jan. 1, 1918.

Ser. No. 252,695. EN ROUTE SERVICE, INC., New York, N. Y. Filed July 29, 1927.

En Route

Particular description of goods.—Bulletin of Steamship Sailings and Travel Information Issued Monthly.
Claims use since about June 1, 1927.

Ser. No. 252,736. A. W. SHAW COMPANY, Chicago, Ill. Filed July 29, 1927.

Industrial Distributor and Salesman

Particular description of goods.—Magazine Published Monthly.
Claims use since November, 1926.

Ser. No. 252,853. THE MACON TELEGRAPH PUBLISHING CO., Macon, Ga. Filed Aug. 1, 1927.

The Macon Telegraph

Particular description of goods.—Newspapers Published Every Morning.
Claims use since 1826.

Ser. No. 252,868. THE VICKERY AND HILL PUBLISHING Co., Augusta, Me. Filed Aug. 1, 1927.

GOOD STORIES

Particular description of goods.—Periodical.
Claims use since October, 1890.

Ser. No. 252,893. A. T. DE LA MARE COMPANY, INC., New York, N. Y. Filed Aug. 2, 1927.

The FLORISTS EXCHANGE

and HORTICULTURAL TRADE WORLD

Particular description of goods.—Weekly Publication Directed to the Florist and Horticultural Trades.
Claims use since July 7, 1923.

Ser. No. 253,084. THE CHEVROLET DEALERS NEWS, INC., Chicago, Ill. Filed Aug. 5, 1927.

CHEVROLET DEALERS NEWS

Particular description of goods.—Periodical Publication.
Claims use since Oct. 12, 1926.

Ser. No. 253,208. L. L. COOKE SCHOOL OF ELECTRICITY, Chicago, Ill. Filed Aug. 8, 1927.

CHICAGO ENGINEERING REVIEW

Particular description of goods.—Monthly Periodical.
Claims use since May 1, 1920.

CLASS 39.
CLOTHING.

Ser. No. 234,016. AARON ADLER, New York, N. Y. Filed July 2, 1926. Under 10-year proviso.

ADLER'S

Lines in the drawing do not indicate any particular color.

Particular description of goods.—Hats, Caps, Suits, Coats, and Knickers for Men, Women, Misses, and Children; Neckties, Scarfs, Collars, Dresses, Skirts for Under and Outer Wear, Hosiery, Sweaters, Smocks, Pyjamas, Capes, Gowns, Garters, Aprons for Household Use, Petticoats, Bathing Suits, Vests for Under and Outer Wear, Underwear of Knitted, Netted, and Textile Fabrics for Men, Women, and Children; Belts for Outerwear and in the Nature of Garment Supporters; Shoes of Leather, Cloth or Both, and Bathrobes.

Claims use since January, 1895.

Ser. No. 243,232. LEO SCHEAR COMPANY, Evansville, Ind. Filed Jan. 22, 1927.



Particular description of goods.—Dresses, Cloaks Gowns, for Women, Misses, and Children, and Suits and Textile Underwear for Men, Women, Misses, Youths, and Children.

Claims use since November, 1926.

Ser. No. 243,924. BROWN SHOE COMPANY, INC., St. Louis, Mo. Filed Feb. 7, 1927.

HU-MAN-IC

Particular description of goods.—Shoes Made of Leather, Cloth, Canvas, or Combinations Thereof.
Claims use since Feb. 2, 1927.

Ser. No. 244,071. GREENHILL & DANIEL, Brooklyn, N. Y. Filed Feb. 9, 1927.

THE "Queen" OF SPORT COATS

No claim is made to the exclusive use of the words "Of Sport Coats" apart from the mark as shown in the drawing.

Particular description of goods.—Ladies' and Children's Sport Coats.

Claims use since Jan. 15, 1927.

Ser. No. 245,186. BRADLEY KNITTING COMPANY, Delavan, Wis. Filed Mar. 4, 1927.

"ALL-AMERICAN"

Particular description of goods.—Sweaters.
Claims use since Feb. 4, 1927.

Ser. No. 245,188. BRADLEY KNITTING COMPANY, Delavan, Wis. Filed Mar. 4, 1927.

"MASTER-RIB"

The word "Rib" is disclaimed apart from the mark shown in the drawing.

Particular description of goods.—Bathing Suits.
Claims use since Jan. 19, 1927.

Ser. No. 248,401. ELLIOTT HOSIERY CO. INC., New York, N. Y. Filed May 4, 1927.

JADE

Particular description of goods.—Hosiery and Underwear Manufactured from Knitted and Textile Fabrics for Women.

Claims use since Apr. 18, 1927.

Ser. No. 248,487. ISADORE FRANK, Cincinnati, Ohio. Filed May 5, 1927.

"Young-fello"

Particular description of goods.—Dress, Negligee, Work, Night, or Under Shirts, Neckties, Stocking Garters, Men's Union Suits and Under Drawers, Socks, Stockings, Bath Robes, Smoking Jackets, Trouser-Supporting Belts, and Suspenders.

Claims use since Mar. 27, 1924.

Ser. No. 248,959. JOSEPH J. GOLDSTEIN, doing business as Jos. J. Goldstein & Co., Philadelphia, Pa. Filed May 13, 1927.



No claim is made to the exclusive right to use the phrases "Genuine Fabric," "Pure Wool," "Fade Proof," and "Hand Tailored Clothes," except in connection with the mark as shown.

Particular description of goods.—Mens, Young Men's, and Boys' Suits, Coats, Vests, Trousers, Overcoats, and Topcoats.

Claims use since Jan. 19, 1925.

Ser. No. 249,003. GREENBERG AND LUDWIG CO., New York, N. Y. Filed May 14, 1927.



Applicants disclaim the right to exclusive use of the words "Flashy Coats," "For Jobbers," "250 W. 39th St., N. Y. C.," and "Manufactured on the premises," except in conjunction with said trade-mark.

Particular description of goods.—Juniors', Misses', Ladies', and Stouts' Coats.

Claims use since Oct. 25, 1924.

Ser. No. 250,764. ORVAL E. THORP, Seattle, Wash. Filed June 18, 1927.

ARCH RETRIEVER

Particular description of goods.—Leather Boots and Shoes for Men, Women, and Children.

Claims use since July 15, 1925.

Ser. No. 250,917. NATHAN J. GARFUNKEL, New York, N. Y. Filed June 22, 1927.

BICOL PROCESS

No claim is made to the word "Process" apart from the mark shown on the drawing.

Particular description of goods.—Men's, Ladies', and Children's Hats.

Claims use since Dec. 1, 1926.

Ser. No. 251,336. L. GREIF & BRO. INCORPORATED, Baltimore, Md. Filed June 30, 1927.

Breezette

Particular description of goods.—Topcoats, Overcoats, Coats, Vests, Trousers, and Knickerbockers for Men, Youths, and Boys.

Claims use since about February, 1921.

Ser. No. 251,577. LOUIS SIMOWITZ, Augusta, Ga. Filed July 6, 1927.



Particular description of goods.—Rubber and Leather Shoes.

Claims use since June 1, 1926.

Ser. No. 251,610. HENRY COHN, Baltimore, Md. Filed July 7, 1927.

SPYNEBOW

Particular description of goods.—Bow Neckties.
Claims use since June 28, 1927.

Ser. No. 251,615. THE H. W. GOSSARD Co., Chicago, Ill. Filed July 7, 1927.

GOSSARDETTE

Particular description of goods.—Women's Combination Garments in the Nature of Corsets.
Claims use since May 8, 1927.

Ser. No. 251,983. J. C. PENNEY COMPANY, Wilmington, Del., and New York, N. Y. Filed July 13, 1927.

BIG-PAY

Particular description of goods.—Men's Cotton Hosiery.
Claims use since Aug. 6, 1924.

Ser. No. 252,051. MARTINS, INC., New York and Brooklyn, N. Y. Filed July 14, 1927.

Marleigh

The trade-mark is a coined word of which the first syllable "Mar" is the first syllable of applicant's name and the second syllable "Leigh" is a coined word harmonious with the first syllable. The lining in the drawing is for the purposes of shading only.

Particular description of goods.—Ladies' Dresses, Gowns, and Frocks.
Claims use since Oct. 18, 1926.

Ser. No. 252,069. SCHNEIDER & MILLER, INC., New York, N. Y. Filed July 14, 1927.

Hoot Lass²² BONNIE

Particular description of goods.—Ladies' Coats.
Claims use since January, 1927.

Ser. No. 252,189. CLUETT, PEABODY & Co., Inc., Troy, N. Y. Filed July 18, 1927.

DUET

Particular description of goods.—Dress and Negligee Shirts.
Claims use since July 1, 1927.

CLASS 40.

FANCY GOODS, FURNISHINGS, AND NOTIONS.

Ser. No. 244,201. WOLFF & Co., KOMMANDITGESELLSCHAFT AUF AKTIEN, Walsrode, Germany. Filed Feb. 10, 1927.

Transparit

Particular description of goods.—Braid, Buttons, and Combs Not Made of Precious Metal, Bodice Stiffeners, Fans for Personal Use, Artificial Straw, Artificial Plumes, and Artificial Flowers, and Leaves.
Claims use since Jan. 1, 1924.

CLASS 42.

KNITTED, NETTED, AND TEXTILE FABRICS.

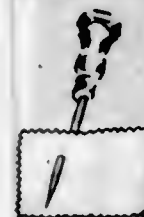
Ser. No. 233,909. THE ATLANTIC MILLS, Olneyville, R. I., and Stottville, N. Y. Filed June 30, 1926.

Estrella

Particular description of goods.—Wool Overcoating Material in the Piece.
Claims use since about Dec. 15, 1925.

Ser. No. 235,478. INTERNATIONAL WORSTED MILLS, Methuen, Mass., and New York, N. Y. Filed Aug. 2, 1926.

BRIER-PROOF



Particular description of goods.—Worsted Goods in the Piece.
Claims use since June 1, 1925.

Ser. No. 235,672. BAEDER ADAMSON COMPANY, Boston, Mass. Filed Aug. 7, 1926.

BAGO

Particular description of goods.—Drills, Jeans, and Print Cloths in the Piece.
Claims use since June 1, 1926.

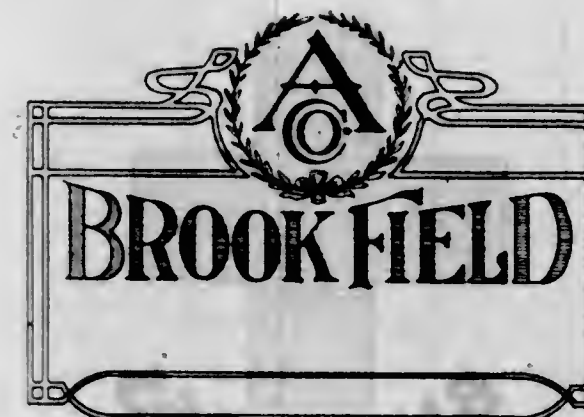
Ser. No. 246,060. JOHN C. WELWOOD CORP., New York, N. Y. Filed Mar. 19, 1927.



The trade-mark consists of the word "Venus" formed or outlined by a continuous strip of ribbon, and picture of a statue bust of Venus, the planet Saturn, two stars, and a circular background in gold or yellow color.

Particular description of goods.—Ribbons of Silk, Satin, Cotton, and Mixture Thereof.
Claims use since March, 1923.

Ser. No. 247,061. AUERBACH COMPANY, Salt Lake City, Utah. Filed Apr. 7, 1927.



The lining appearing on the letters in the drawing is to represent shading.

Particular description of goods.—Textile Blankets, Sheets, and Pillow Cases.
Claims use since January, 1927.

Ser. No. 250,136. PEOPLE'S OUTFITTING COMPANY, Detroit, Mich. Filed June 7, 1927.

It's Easy to Pay-- the People's Way

Particular description of goods.—Textile Rugs, Carpets, and Floor Covering.
Claims use since 1907.

Ser. No. 250,410. HOLDEN-LEONARD COMPANY, New York, N. Y. Filed June 11, 1927.

WAVELLA

Particular description of goods.—Worsted and Woolen Textile Fabrics.
Claims use since about Feb. 1, 1927.

Ser. No. 251,112. SIDNEY BLUMENTHAL & Co. Inc., New York, N. Y. Filed June 25, 1927.

Falodere

Particular description of goods.—Pile Fabrics in the Piece.
Claims use since May 10, 1927.

Ser. No. 251,661. MARSHALL FIELD & COMPANY, Chicago, Ill. Filed July 8, 1927.

PIED PIPER PRINTS

The word "Prints" does not form a part of the registration sought apart from the mark shown in the drawing.
Particular description of goods.—Cotton Piece Goods.
Claims use since Jan. 14, 1927.

Ser. No. 252,041. THE HART COMPANY, Long Prairie, Minn. Filed July 14, 1927.



Particular description of goods.—Textile Blankets.
Claims use since Oct. 2, 1926.

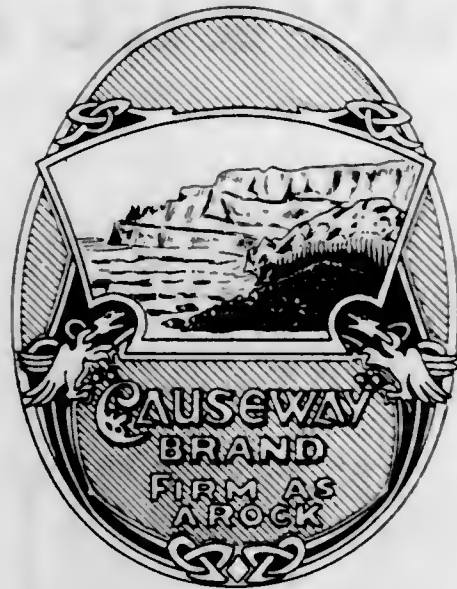
Ser. No. 252,088. CARTER DRY GOODS CO., Louisville, Ky. Filed July 15, 1927.

PARK AVENUE

Particular description of goods.—Ginghams in the Piece.

Claims use since June 1, 1927.

Ser. No. 252,286. ROBERT MCBRIDE & CO., (BELFAST) OF NEW YORK, INC., New York, N. Y. Filed July 19, 1927.



The background is lined in the drawing to represent a green color. The word "Brand" per se is disclaimed.
Particular description of goods.—Linen Piece Goods, Household Linens and Fancy Embroidered Linens, Such as Damask Tablecloths, and Napkins, Sheets and Pillowcases, Towels and Towelling, Bedspreads, Hemstitched Linen Squares and Scarfs, Bridge Sets, Tea Sets, Cot Covers, and Carriage Covers.

Claims use since Nov. 24, 1926.

Ser. No. 252,729. RICHARDSON DRY GOODS COMPANY, St. Joseph, Mo. Filed July 29, 1927.

LOVER'S LANE

Particular description of goods.—Textile Piece Goods of Cotton.

Claims use since June 1, 1918.

Ser. No. 252,979. J. C. PENNEY COMPANY, Wilmington, Del., and New York, N. Y. Filed Aug. 3, 1927.

PENIMAIL

Particular description of goods.—Tablecloths, Scarfs for Tables, Sideboards, Dressers, and Bureaus, Pillow Tubing, Pillowcases and Pillow Covers; Towels, and Curtains.

Claims use since July 28, 1926.

Ser. No. 252,985. L. & E. STERN, New York, N. Y. Filed Aug. 3, 1927.

DELIGHT

Particular description of goods.—Silk Piece Goods.
Claims use since July 30, 1927.

CLASS 43.

THREAD AND YARN.

Ser. No. 251,806. ADAMS SILK COMPANY, INC., New York, N. Y. Filed July 11, 1927.



Particular description of goods.—Yarns Spun from Silk and Rayon or Mixtures of These Materials; and Yarns and Threads of Silk, Rayon, and Mixtures Thereof.
Claims use since about 1916.

CLASS 44.

DENTAL, MEDICAL, AND SURGICAL APPLIANCES.

Ser. No. 242,146. SAUQUOIT PAPER CO. INC., New Hartford, N. Y. Filed Dec. 29, 1926.



The drawing is lined for blue.
Particular description of goods.—Sanitary Pads.
Claims use since Mar. 23, 1926.

Ser. No. 244,112. SITROUX IMPORTING CO., INC., New York, N. Y., assignor to The Sterilek Company, Inc., New York, N. Y., a Corporation of New York. Filed Feb. 9, 1927.

DRYAD

Particular description of goods.—Sanitary Napkins.
Claims use since Oct. 8, 1925.

Ser. No. 244,113. SITROUX IMPORTING CO., INC., New York, N. Y., assignor to The Sterilek Company, Inc., New York, N. Y., a Corporation of New York. Filed Feb. 9, 1927.

Sterilek

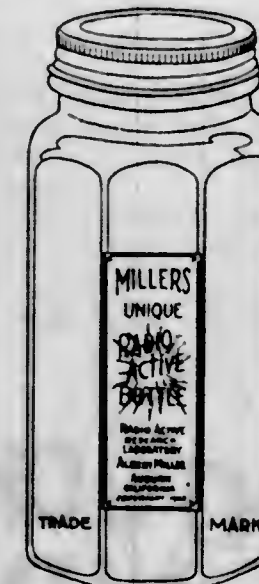
Particular description of goods.—Sanitary Napkins.
Claims use since May 6, 1926.

Ser. No. 250,161. CHARLES L. CASSADY, doing business as Sun Bath Cabinet Co., Los Angeles, Calif. Filed June 8, 1927.

Violite

Particular description of goods.—Sun-Bath Cabinets.
Claims use since May 24, 1924.

Ser. No. 250,469. ALBERT MILLER, Auburn, Calif. Filed June 13, 1927.



The representation of the bottle and all of the printed matter appearing on the drawing with the exception of the words "Miller's Unique" are hereby disclaimed apart from the mark as shown.

Particular description of goods.—Radioactive Bottle Used for Therapeutic Purposes.
Claims use since May 1, 1927.

Ser. No. 250,904. CARBO-SUN, INC., Floral Park, N. Y. Filed June 22, 1927.



No claim is made to the words "Vischer System" and/or "Ultra-Violet" and "Infra-Red Emanator" apart from the mark as shown.

Particular description of goods.—Therapeutic Lamps and Reflectors and Carbons Therefor.
Claims use since May 19, 1927.

Ser. No. 251,259. IRVING I. DAVIS, New York, N. Y. Filed June 29, 1927.

BEAUTYCUP

Particular description of goods.—Massage Device—Namely, Vascular Suction Pump.
Claims use since on or about May 17, 1927.

Ser. No. 251,984. J. C. PENNEY COMPANY, Wilmington, Del., and New York, N. Y. Filed July 13, 1927.



The portrait of the girl constituting the trade-mark is fanciful and does not represent any particular person.

Particular description of goods.—Women's Sanitary Aprons, Sanitary Belts, and Step-Ins.
Claims use since Nov. 5, 1926.

Ser. No. 252,132. THE WASHBURN COMPANY, Worcester, Mass., and Rockford, Ill. Filed July 15, 1927.

STERILATOR

Particular description of goods.—Nursing-Bottle Sterilizer and Baby-Food Cabinet.
Claims use since about Oct. 1, 1925.

Ser. No. 252,942. CALEDONIA CELLULOSE COMPANY, INC., New York, N. Y. Filed Aug. 3, 1927.

TIDY-NAPS

Particular description of goods.—Sanitary Napkins.
Claims use since June, 1927.

CLASS 45.

BEVERAGES, NONALCOHOLIC.

Ser. No. 247,285. REED & BELL, INC., Berkeley, Calif.
Filed Apr. 11, 1927.

ARAB

Particular description of goods.—Root Beer.
Claims use since Mar. 30, 1927.

Ser. No. 250,603. CLIQUOT CLUB CO., Millis, Mass. Filed
June 16, 1927.



**Clicquot
Club**

Particular description of goods.—Carbonated, Non-alcoholic, Noncereal Maltless Beverages Sold as Soft Drinks, and Syrups and Extracts Used in Making the Same—Viz, Ginger Ale, Sarsaparilla, and Other Flavors.
Claims use since Jan. 7, 1914.

Ser. No. 251,782. W. A. ROSS & SONS, LIMITED, Belfast, Ireland. Filed July 9, 1927.



No claim is made to the exclusive use of the words: "Keep Bottle on Side or Cork Downwards," "Belfast Pale Dry Ginger Ale," and "Manufactory Belfast, Ireland," apart from the mark shown on the drawing.

Particular description of goods.—Ginger Ale.
Claims use since 1904.

Ser. No. 251,864. ROYAL AND ANCIENT COMPANY, LTD., Boston, Mass. Filed July 11, 1927.

"R & A"

Particular description of goods.—Nonalcoholic, Maltless Beverages Sold as Soft Drinks, Containing Alcoholic Content of Less Than One-Half of One Per Cent by Volume.

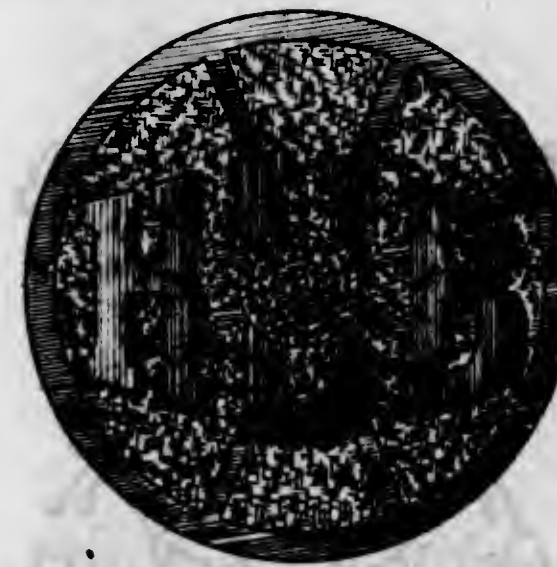
Claims use since Aug. 17, 1926.

Ser. No. 252,903. C. T. "BEN" HERR, St. Louis, Mo.
Filed Aug. 2, 1927.

KENTUCKY NIP.

Particular description of goods.—Nonalcoholic, Non-cereal, Maltless, Carbonated Beverage Sold as a Soft Drink, and Syrups For Making the Same.
Claims use since Nov. 24, 1926.

Ser. No. 253,022. THE HUB BOTTLING COMPANY, Philadelphia, Pa. Filed Aug. 4, 1927.



The drawing is lined for the colors red, blue, yellow, and gold.

Particular description of goods.—Ginger Ale.
Claims use since on or about Mar. 15, 1927.

Ser. No. 253,047. PUREXO PRODUCTS CO., San Francisco, Calif. Filed Aug. 4, 1927.

GINGEREXO

Particular description of goods.—Ginger-Ale Sirup.
Claims use since Jan. 14, 1926.

Ser. No. 253,052. TOLERTON & WARFIELD CO., doing business as The Robb-Ross Co., Sioux City, Iowa. Filed Aug. 4, 1927.

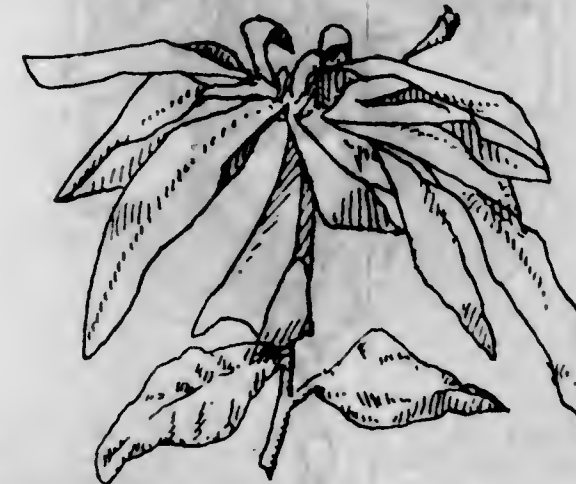
SUM-R-AID

Particular description of goods.—Powders for Making Nonalcoholic, Maltless Beverages.
Claims use since Mar. 7, 1927.

CLASS 46.

FOODS AND INGREDIENTS OF FOODS.

Ser. No. 223,346. SUN-MAID RAISIN GROWERS OF CALIFORNIA, Fresno, Calif. Filed Nov. 14, 1925.



POINSETTIA

Particular description of goods.—Dried Raisins.
Claims use since 1911.

362 O. G.—18

Ser. No. 225,284. RYDER-TURNER CO., doing business as Erco Fisheries, Eastport, Me. Filed Dec. 29, 1925.



ERCO

Particular description of goods.—Preserved Fish.
Claims use since Oct. 1, 1925.

Ser. No. 229,361. SUNLIGHT MILLING COMPANY, Mount Vernon, Ind. Filed Mar. 29, 1926.

SUNLIGHT

Particular description of goods.—Plain Flour.
Claims use since Sept. 6, 1902.

Ser. No. 229,725. CONNELL BROS. COMPANY, Seattle, Wash.
Filed Apr. 6, 1926.

BABY



Particular description of goods.—Fresh Apples.
Claims use since Aug. 1, 1924.

Ser. No. 230,935. LAKESIDE PACKING COMPANY, Manitowoc, Wis. Filed Apr. 30, 1926.

Hobby

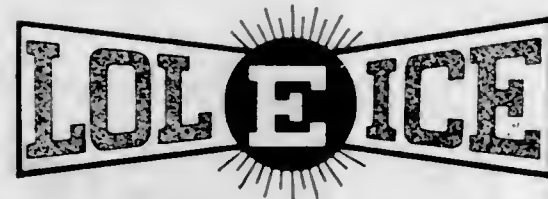
Particular description of goods.—Olives, Preserved Pickles, and Canned Vegetables.
Claims use since 1902.

Ser. No. 235,136. FRANK C. FERNANDEZ, Tucson, Ariz.
Filed July 26, 1926.



The words "Alaska Suckers" are disclaimed apart from the mark as shown.
Particular description of goods.—Frozen Confection.
Claims use since January, 1926.

Ser. No. 236,022. EASTERN DAIRIES, INC., Springfield, Mass. Filed Aug. 16, 1926.



No claim is made to the word "Ice" apart from the mark shown in the drawing.
Particular description of goods.—Frozen Water Ice or Sherbet on a Stick.
Claims use since May 29, 1925.

Ser. No. 236,024. EASTERN DAIRIES, INC., Springfield, Mass. Filed Aug. 16, 1926.



Applicant disclaims the words "N'ice Cream" and the representation of the goods apart from the mark shown in the drawing.
Particular description of goods.—Ice Cream.
Claims use since about Feb. 1, 1926.

Ser. No. 239,908. ALL STAR CANDY CO., San Francisco, Calif. Filed Nov. 11, 1926.

All Star

Particular description of goods.—Candy Bars.
Claims use since Sept. 14, 1926.

Ser. No. 240,512. TACOMA GROCERY COMPANY, INC., Tacoma, Wash. Filed Nov. 23, 1926.



The words "Fairmont," "Fancy Quality," and "Brand" are disclaimed apart from the mark shown in the drawing.
Particular description of goods.—Canned Fruits and Vegetables, Canned Fish, Canned Shellfish, Catchup, and Coffee in Cans, and Pearl Barley, Dried Peas, Pop Corn in Its Natural State, Tapioca, Sago, Potato Flour, Raisins, Dried Currants, and Tea in Cartons; Food-Flavoring Extracts, Catchup in Bottles; Celery Salt, Pepper, and Vinegar in Glass Containers; Peanut Butter, Spices, Canned Pork and Beans, Olives, Pickles, and Tomato Sauce.
Claims use prior to and since Jan. 3, 1905.

Ser. No. 241,653. CANNON VALLEY MILLING COMPANY, Minneapolis, Minn. Filed Dec. 18, 1926.



Particular description of goods.—Wheat Flour.
Claims use since Sept. 23, 1908.

Ser. No. 242,624. SAROTTI AKTIENGESellschaft, Berlin-Tempelhof, Germany. Filed Jan. 10, 1927.



Applicants disclaim the descriptive words "Schokolade-Kakao Pralinen" apart from the mark as shown in the drawing.

Particular description of goods.—Cocoa, Chocolate, Toffee, Nougat, Marzipan, Truffles, Pralines Filled with Almonds, Nuts of Every Kind, and Preparations of These; Preparations of Chocolate with Almonds and Nuts of All Kinds, Pralines with Alcoholic or Non-alcoholic Liquid Fillings, Sweets with Flavoring Added—Namely, Creams, Drops, and Rocks, Caramels Filled and Unfilled with and without Addition of Milk or Cream, Glazed and Canded Sugar Creams, Marzipan Goods of Every Kind, Glazed and Canded, Glazed and Canded Fruits, Fruit Pastes, Goods Composed of Fruit Jellies in the Shape of Disks, Triangles, Rings, Cracknel Shapes, Tarts; Biscuits with and without Chocolate Coating, Cakes of All Kinds, Marzipan Pastries, Petit Fours, Dessert Tarts and Cakes, Gingerbread, Pastries.
Claims use since Dec. 3, 1922.

Ser. No. 246,311. FRANK SALA, doing business as F. Sala & Company, Lyndhurst, N. J. Filed Mar. 24, 1927.



The words "Brand, Lyndhurst, N. J." and the particular color of the specimens are disclaimed apart from the mark shown in the drawing.

Particular description of goods.—Canned Vegetable Relish and Other Prepared Food Products—Namely, Sweet Mixed Pickles, Red Cabbage (Canned), Celery Relish, Queen Olives, Pickled Beets, Sweet Relish (Vegetable), Pearl Onions (Canned), Sour Gherkins, Pepper Salad, Stuffed Olives, Sweet Gherkins.
Claims use since about November, 1926.

Ser. No. 246,634. RICHLAND FRUIT CO., Shafter, Calif. Filed Mar. 30, 1927.

ZEBRA



Particular description of goods.—Fresh Grapes.
Claims use since July 15, 1923.

Ser. No. 248,720. C. W. PERSHALL & SONS, doing business as Tri-City Grocery Co., and Tri-City Packing Co., Granite City, Wood River, Venice, and Edwardsville, Ill. Filed May 9, 1927.

NOONDAY

Particular description of goods.—Coffee, Tea, Cocoa, Whole and Ground Spice, Prepared Mustard, Salad Oils, Pepper Sauce, Cornstarch, Wheat Flour, Jellies, Marmalade, Breakfast Cereals, Salad Dressing, Olives, Olive Oil, Cottonseed Oil for Cooking Purposes, Flavoring Extracts for Food, Vinegar, Butter, Lard, Pepper, Nutmeg, Mustard, Noodles, and Varieties Thereof Called Allimentary Paste Goods, Stuffed Olives, Buckwheat Flour, Crackers, Cakes, Ices, Salted Peanuts, Salted Nuts, Honey, Mixed Tea, Gelatin, Maple Sirup, Sirup for Food, Molasses, Apple Butter, Dried Fruits, Biscuits, Oleomargarine, Cantaloupes, Meringue, Rye Meal, White Corn Meal, Yellow Corn Meal, Rye Flour, Rice, Raisins, Allspice, Mayonnaise Dressing, Fruit Preserves, Tomato Catchup, Chili Sauce; Sandwich Spread Formed of Sugar, Eggs, Spices, Corn Oil, Vinegar, Pickles, and Ham or Roast Beef; Prepared Horse-Radish, Dried Vegetables, Poultry and Stock Foods, Jams, Peanut Butter, Pickles, Canned Pimiento, Canned Okra, Canned Vegetable Salad, Canned Spinach, Canned Tomatoes, Canned Sweet Potatoes, Canned Peas, Canned Beans, Canned Pork and Beans, Canned Beets, Canned Asparagus, Canned Soups, Canned Grapefruit, Canned Pineapple, Canned Fruit Salad, Canned Grapes, Canned Rhubarb, Canned Apples, Canned Pears, Canned Prunes, Canned Plums, Canned Gooseberries, Canned Peaches, Canned Cherries, Canned Apricots, Canned Raspberries, Canned Strawberries, Canned Loganberries, Canned Blackberries, Canned and Loose Sauerkraut, Pancake Flour, Self-Rising Flour, Evaporated Milk, Mince meat; Prepared Luncheons comprising Meat, Vegetable, and Cheese Sandwich; Tapioca, and Cheese of Various Kinds.
Claims use since Sept. 1, 1914.

Ser. No. 249,985. MUSHY & Co., Washington, D. C. Filed June 3, 1927.

WINESAP

Particular description of goods.—Candy Confections, Ice-Cream Flavors, and Fruit Juices Other Than Apple Juice Used as Flavoring for Foods.
Claims use since June 3, 1927.

Ser. No. 250,167. EMMENTAL CHEESE CORPORATION, New York, N. Y. Filed June 8, 1927.



Particular description of goods.—Cheese.
Claims use since 1921.

Ser. No. 250,263. PHENIX CHEESE CORPORATION, New York, N. Y. Filed June 9, 1927.

Phe-net

Particular description of goods.—Food Product Consisting of Cheddar Cheese to Which Has Been Added Milk, Sugar, and Milk Minerals.
Claims use since June 1, 1927.

Ser. No. 250,527. EDWARD G. CARLSON, Greybull, Wyo. Filed June 15, 1927.

H o n - O

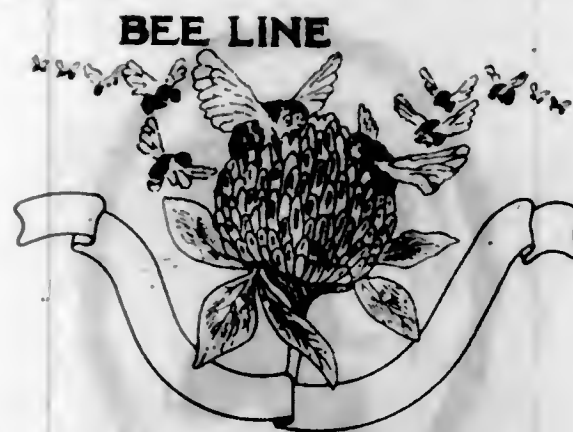
Particular description of goods.—Honey.
Claims use since Apr. 30, 1927.

Ser. No. 250,710. PRICE FLAVORING EXTRACT COMPANY, Chicago, Ill. Filed June 17, 1927.



Particular description of goods.—Condimental Sauces and Salad Dressings.
Claims use since June 21, 1925.

Ser. No. 250,823. WILLIAM R. SIRE, doing business as Union Gap Honey Company, Union Gap, Wash. Filed June 20, 1927.



Particular description of goods.—Honey.
Claims use since October, 1923.

Ser. No. 250,921. MICHAEL HEIDT, Brooklyn, N. Y. Filed June 22, 1927.



The representation of the goods and the words "Trade-Mark" are disclaimed apart from the mark shown on the drawing.

Particular description of goods.—Fancy Bakery, Particularly the Kind Known as Biscuit Bakery, and Prepared from Pastry Dough Filled with Various Sorts of Meat Pastes and Baked, Together with the Latter.

Claims use since May 1, 1926.

Ser. No. 250,943. H. SCHOENFELD AND SONS, INC., New York, N. Y. Filed June 22, 1927.



No claim is made to the words "Prime Blue Dutch," "With Quality," "Poppy Seeds," and "N. Y." apart from the mark shown on the drawing.

Particular description of goods.—Poppy Seeds.
Claims use since April, 1927.

Ser. No. 251,264. HERMAN C. FISHER, San Francisco, Calif. Filed June 29, 1927.

SALMON

Particular description of goods.—Shelled Almonds in Their Natural State.
Claims use since Feb. 21, 1927.

Ser. No. 251,265. HERMAN C. FISHER, San Francisco, Calif. Filed June 29, 1927.

MINNOW

Particular description of goods.—Shelled Almonds in Their Natural State.

Claims use since Feb. 28, 1927.

Ser. No. 251,266. HERMAN C. FISHER, San Francisco, Calif. Filed June 29, 1927.

TROUT

Particular description of goods.—Shelled Almonds in Their Natural State.

Claims use since Feb. 21, 1927.

Ser. No. 251,267. HERMAN C. FISHER, San Francisco, Calif. Filed June 29, 1927.

SHARK

Particular description of goods.—Shelled Almonds in Their Natural State.

Claims use since Feb. 28, 1927.

Ser. No. 251,268. HERMAN C. FISHER, San Francisco, Calif. Filed June 29, 1927.

FISHER'S BRAND



TRADE MARK

CALIFORNIA

ALMONDS

The words "Fisher's Brand, Trade-Mark, California Almonds" are disclaimed apart from the other features of the mark.

Particular description of goods.—Almonds in Their Natural State.

Claims use since Feb. 21, 1927.

Ser. No. 251,339. HORN & HARDART BAKING CO., Philadelphia, Pa. Filed June 30, 1927.

Less Work for Mother



Particular description of goods.—Cooked Meats—Namely, Cooked Ham, Beef, Bacon, Tongue, Pork, and Chicken; Smoked Meats—Namely, Ham, Bacon, and Tongue; Desserts—Namely, Pies, Cakes, Pastries, Puddings, and Ice Cream; Bread, Rolls, Muffins, Cooked Fish; Uncanned Salads—Namely, Chicken Salad, Potato Salad, and Salads Formed of Various Combinations of Fresh and Canned Fruits and Vegetables; Dressings, and Sweet Sauces Used on Desserts, and Sandwiches.
Claims use since Dec. 8, 1925.

Ser. No. 251,480. MYRON J. BEHRINGER, Allentown, Pa. Filed July 5, 1927.



The words "Superfine" and the representation of the goods are features not claimed except in their particular association with the composite mark as disclosed in the drawing.

Particular description of goods.—Doughnuts and Crullers.

Claims use since Aug. 1, 1926.

Ser. No. 251,513. PRICE FLAVORING EXTRACT COMPANY, Chicago, Ill. Filed July 5, 1927.

Always say
"S-P-K"

Particular description of goods.—Condimental Sauces and Salad Dressings.
Claims use since June 21, 1925.

Ser. No. 251,573. PRIGGE, INC., New York, N. Y. Filed July 6, 1927.

"SIX IN ONE"

Particular description of goods.—Candy and Chocolate.
Claims use since about June 18, 1927.

Ser. No. 251,575. RUDY-PATRICK SEED COMPANY, Kansas City, Mo. Filed July 6, 1927.

OH-BOY LAY 'EM

Particular description of goods.—Poultry feeds.
Claims use since 1925.

Ser. No. 251,576. RUDY-PATRICK SEED COMPANY, Kansas City, Mo. Filed July 6, 1927.

OH-BOY START 'EM AND GROW 'EM

Particular description of goods.—Poultry Feeds.
Claims use since 1925.

Ser. No. 251,842. INDEPENDENT BAKING CO., Davenport, Iowa. Filed July 11, 1927.

IRIS

Particular description of goods.—Biscuit and Cookies.
Claims use since Dec. 17, 1915.

Ser. No. 251,866. SERVICE GROCER COMPANY, INC., Detroit, Mich. Filed July 11, 1927.

COMMISSARY

Particular description of goods.—Canned Fruits, Canned Mincemeat, Canned Evaporated Milk, Canned Soups, and Wheat Flour.
Claims use since August, 1926.

Ser. No. 251,867. SERVICE GROCER COMPANY, INC., Detroit, Mich. Filed July 11, 1927.

SERVICE BOY



The picture of the boy is fanciful and not the portrait of any individual.

Particular description of goods.—Canned Vegetables, Canned Fruits, Mincemeat, Chili-Con Carne, Canned Evaporated Milk, Canned Spaghetti, Dry Macaroni and Spaghetti, Plain Noodles, Egg Noodles, Canned Soups, Canned Fish, Chocolate, Cocoa, Coffee, Tea, Spices, Cat-sup, Chili Sauce, Horse-Radish Sauce, Mustard, Olives, Pickles, Pepper Sauce, Worcestershire Sauce, Vinegar, Crackers, Cakes, Cookies, Cracker Meal, Dried Fruits, Table Sirup, Molasses, Breakfast Oats, Pancake Flour, Wheat Flour, Corn Flakes, Corn Meal, Barley, Buckwheat Flour, Dried Peas; Dried Beans, Rice, Pearl Tapioca, Tapioca Flour, Corn Oil, Olive Oil, Cottonseed Oil, Lard, Vegetable Shortening, Sugar, Food Flavoring Extracts, Jellies, Jams, Fruit Preserves, Honey and Jelly Powders.
Claims use since September, 1925.

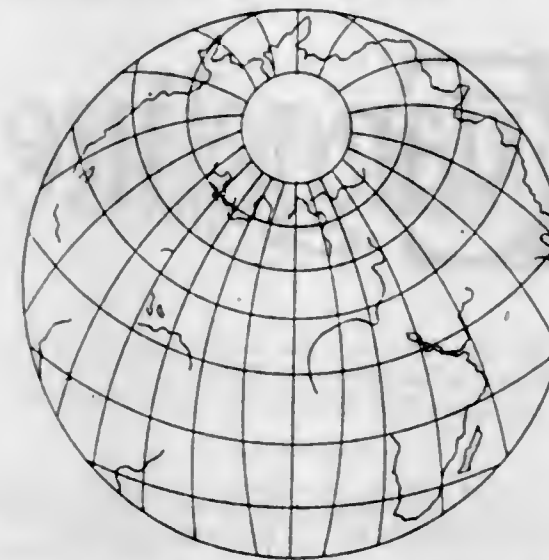
Ser. No. 251,875. TRIGO, DOBBS & COMPANY, Chattanooga, Tenn. Filed July 11, 1927.

Saturday Special

No claim is made to the word "Special" apart from the mark shown in the accompanying drawing.

Particular description of goods.—Coffee.
Claims use since May 1, 1927.

Ser. No. 251,996. SOUTHERN COFFEE MILLS, LIMITED, New Orleans, La. Filed July 13, 1927.



Particular description of goods.—Roasted and Ground Coffee, Coffee and Chicory, Teas, and Spices.
Claims use since Feb. 1, 1897.

Ser. No. 252,142. BETTS PRODUCTS COMPANY, INC., Chicago, Ill. Filed July 16, 1927.



Particular description of goods.—Egg Fondant, Nougat Creme, Confectioner's Creme, Marshmallow Topping, and the Following Sirups for Food Purposes: Caramel Sirup, Butterscotch Sirup, Chocolate Sirup, Chocolate Fudge Sirup.
Claims use since Jan. 1, 1923.

Ser. No. 252,224. SEXTON & MOORE, Exeter, Calif. Filed July 18, 1927.



ISH-GOOD

The descriptive word "Good" is disclaimed apart from the other features of the mark as shown.

Particular description of goods.—Fresh Deciduous Fruits, Fresh Grapes.
Claims use since Jan. 15, 1927.

Ser. No. 252,352. SPIC & SPAN, INC., Omaha, Nebr. Filed July 20, 1927.



No claim is made to the exclusive use of the words "Omaha Owned Stores" except in the association shown with the said trade mark.

Particular description of goods.—Coffee.
Claims use since July 9, 1927.

Ser. No. 252,497. BAYLE FOOD PRODUCTS COMPANY, St. Louis, Mo. Filed July 25, 1927.

BAR B-Q

Particular description of goods.—Sauce for Barbecued Meat, Hot Dogs, Hamburger Sandwiches, Etc.
Claims use since July 16, 1927.

Ser. No. 252,743. STEELE-WEDELES COMPANY, Chicago, Ill. Filed July 29, 1927.

FREE LANCE



Particular description of goods.—Canned Vegetables—Namely, Tomatoes, Spinach, Succotash, Pumpkin, Sweet Potatoes, Peas, Hominy, Corn, Beans, Asparagus, Okra, Sauerkraut, Squash, Vegetable Salad, Rhubarb, Mixed Vegetables, Carrots; Canned Pork and Beans; Canned Tomato Puree; Canned Fruits—Namely, Peaches, Pears, Apricots, Cherries, Pineapples, Grapefruit, Prunes, Grapes, Crabapples, Apples, Plums; Canned Apple Sauce, Canned Cranberry Sauce, Canned Strawberry Preserves, Canned Raspberry Preserves, Canned Fruit Salad, Canned California Fruits, Canned Berries—Namely, Loganberries, Blackberries, Strawberries, Red Raspberries, Gooseberries, Blueberries, Black Raspberries; Canned Figs, Canned Pickles, Canned Fish—Namely, Shrimp, Clams, Salmon, Clam Chowder, Crab Meats, Cove Oysters; Canned Clam Juice; Canned Beets, and Canned Asparagus Tips.
Claims use since Sept. 16, 1914.

Ser. No. 252,753. OKLE ZELLER, doing business as Zeller Fruit Company, Los Angeles, Calif. Filed July 29, 1927.

TRI-A-PAK

Particular description of goods.—Fresh Citrus Fruits—Namely, Oranges, Lemons, and Grapefruit; Fresh Deciduous Fruits—Namely, Apples, Pears, Peaches, Plums, Apricots, Avacados, Cherries, Grapes, and Persimmons.
Claims use since Mar. 25, 1927.

Ser. No. 252,919. TULSA COFFEE CO., Tulsa, Okla. Filed Aug. 2, 1927.

Gold Crest

Particular description of goods.—Coffee, Tea, Flavoring Extracts for Foods, and Spices.
Claims use since July 15, 1927.

Ser. No. 253,004. THE BOBS' CANDY CO., Albany, Ga. Filed Aug. 4, 1927.

BOBBY BOY

Particular description of goods.—Candy.
Claims use since Mar. 1, 1927.

Ser. No. 253,081. THE BLODGETT-BECKLEY CO., Toledo, Ohio. Filed Aug. 5, 1927. Under ten-year proviso.

IMMENSE VALUE

Particular description of goods.—Coffee.
Claims use since 1894.

Ser. No. 253,119. UKIAH FRUIT GROWERS, INC., Ukiah, Calif. Filed Aug. 5, 1927.



The lining on the drawing denotes the color red. The word "Brand" is disclaimed.

Particular description of goods.—Fresh Pears in Their Natural State.

Claims use since on or about July 18, 1927.

Ser. No. 253,197. PLACENTIA CO-OPERATIVE ORANGE ASSOCIATION, Placentia, Calif. Filed Aug. 8, 1927.

Evangeline

Particular description of goods.—Fresh Citrus Fruits—Namely, Oranges, Lemons, and Grapefruit.
Claims use since Jan. 1, 1927.

Ser. No. 253,198. PLACENTIA CO-OPERATIVE ORANGE ASSOCIATION, Placentia, Calif. Filed Aug. 8, 1927.

PLACENTIA GIRL

Particular description of goods.—Fresh Citrus Fruits—Namely, Oranges, Lemons, and Grapefruit.
Claims use since Jan. 3, 1927.

CLASS 49.

MALT BEVERAGES, EXTRACTS, AND LIQUORS.

Ser. No. 251,445. HUDSON DISTRIBUTING COMPANY, New York, N. Y. Filed July 2, 1927.



No claim is made to the words "Hudson Brand" except in the association shown.

Particular description of goods.—Malt Sirup, Malt Extract for Making Malt Beverages.

Claims use since July 1, 1913.

Ser. No. 251,726. FOREST HILLS COMPANY, doing business as Old Colony Brewing Co., Boston, Mass. Filed July 9, 1927.

PRIDE OF WÜRZBURG

Particular description of goods.—Near Beer and Malt Extract.

Claims use since June 29, 1927.

Ser. No. 252,297. MORRIS VINGER, doing business as Central Distributing Company, Pittsburgh, Pa. Filed July 19, 1927.

VALLEY PRIDE

Particular description of goods.—Malt Sirup.
Claims use since Mar. 1, 1927.

Ser. No. 252,486. DAVID SNYDERMAN, doing business as Woodland Food Products Co., Philadelphia, Pa. Filed July 23, 1927.

WOODLAND

Particular description of goods.—Malt Sirup for Food Purposes.
Claims use since June 22, 1923.

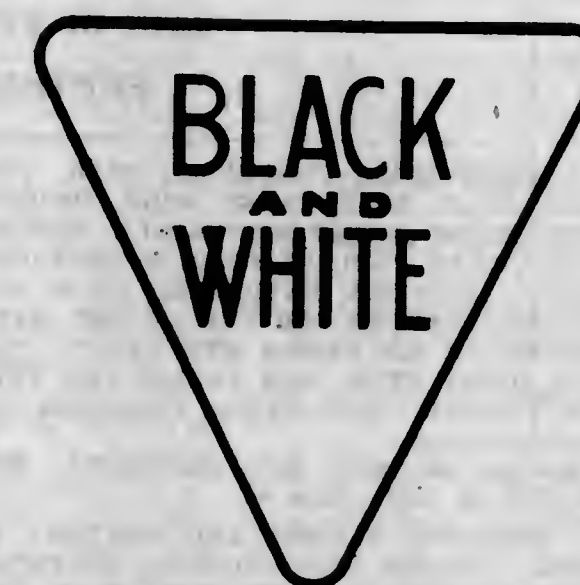
Ser. No. 252,924. LOUIS WEINSTEIN, doing business as Rockford Malt Extract Co., Rockford, Ill. Filed Aug. 2, 1927.

Energy

N.R.G.

Particular description of goods.—Malt Sirup.
Claims use since May 18, 1926.

Ser. No. 253,210. HIGH-TEST MALT EXTRACT CO., doing business as Windy City Malt Co., Chicago, Ill. Filed Aug. 8, 1927.



Particular description of goods.—Malt Sirup.
Claims use since July 15, 1927.

CLASS 50.

MERCHANDISE NOT OTHERWISE CLASSIFIED.

Ser. No. 246,890. CLARK, SON & MORLAND, LTD., Glasbury, England. Filed Mar. 26, 1927.



Particular description of goods.—Skin Rugs and Mats in the Nature of Carpets, Skin Perambulator Rugs and Robes, Skin Motor Rugs, and Skin Foot Muffs for Sleighs.

Claims use since Dec. 13, 1895.

Ser. No. 252,152. WM. E. HOOPER & SONS CO., Woodberry, Baltimore, Md. Filed July 16, 1927.

KARUF

Particular description of goods.—Waterproof Fabric and Waterproof Cotton Duck.
Claims use since May 1, 1927.

TRADE-MARK REGISTRATIONS GRANTED

[ACT OF FEBRUARY 20, 1905.]

SEPTEMBER 13, 1927.

- 232,493. SWEET MILK, CONDENSED MILK, POWDERED MILK, EVAPORATED MILK, HOMOGENIZED CREAM, SWEET-BUTTERMILK POWDER, SWEET CREAM, POULTRY FEED; BUTTER OIL—NAMESLY, MILK FAT EXTRACTED FROM BUTTER AND ADAPTED FOR USE IN THE MANUFACTURE OF ICE CREAM AND CANDY; CALF FEED, DAIRY FEED, HOG FEEDS, AND SKIM-MILK POWDER. LAND O'LAKE'S CREAMERIES INC., Minneapolis, Minn.
Filed February 28, 1927. Serial No. 245,014. PUBLISHED JUNE 28, 1927. Class 46.
- 232,494. PEANUTS, SALTED AND COATED; ALMONDS, SALTED AND COATED; PISTACHIO NUTS AND PECANS; POP CORN, PLAIN AND COATED; AND MOLASSES CANDIES PACKED IN SMALL BOXES. JOSEPH C. HERZOG, doing business as Nereid Trading Company, Brooklyn, N. Y.
Filed March 1, 1927. Serial No. 245,053. PUBLISHED JULY 5, 1927. Class 46.
- 232,495. FRATERNITY PINS, BADGES, LAPEL BUTTONS, CUFF LINKS, TIE CLASPS, CHARMS, FINGER RINGS, AND BELT BUCKLES, ALL MADE OF OR PLATED WITH PRECIOUS METAL. THE KAPPA ALPHA ORDER, Orlando, Fla.
Filed March 1, 1927. Serial No. 245,056. PUBLISHED JUNE 28, 1927. Class 28.
- 232,496. BREAD. B. WESTERGAARD & Co., Brooklyn, N. Y.
Filed March 5, 1927. Serial No. 245,308. PUBLISHED JUNE 28, 1927. Class 46.
- 232,497. ELASTIC BANDS, GENERALLY OF RUBBER, TO HOLD HAIR OUT OF FACE WHILE WASHING OR OTHERWISE TREATING THE FACE. THE ANDREW JEBGENS COMPANY Cincinnati, Ohio.
Filed March 8, 1927. Serial No. 245,397. PUBLISHED JUNE 7, 1927. Class 40.
- 232,498. RUBBER BOOTS AND SHOES, RUBBER OVERSHOES, AND RUBBER-SOLED CANVAS SHOES. HOOD RUBBER COMPANY, Watertown, Mass.
Filed March 14, 1927. Serial No. 245,772. PUBLISHED JUNE 14, 1927. Class 39.
- 232,499. CHEWING GUM. WM. WRIGLEY JR. COMPANY, Chicago, Ill.
Filed March 14, 1927. Serial No. 245,489. PUBLISHED JULY 5, 1927. Class 46.
- 232,500. FLAVORING SIRUPS AND EXTRACTS FOR FOODS. CAPTAIN KIDD PRODUCTS, INC., Brooklyn, N. Y.
Filed March 17, 1927. Serial No. 245,892. PUBLISHED JUNE 28, 1927. Class 46.
- 232,501. WOMEN'S AND MISSES' DRESSES. CHARLES SALOMON & Co. Inc., New York, N. Y.
Filed March 18, 1927. Serial No. 245,957. PUBLISHED JUNE 14, 1927. Class 39.
- 232,502. NONALCOHOLIC, MALTLESS BEVERAGES. MAJOR FRUIT PRODUCTS COMPANY, Portland, Oreg.
Filed March 23, 1927. Serial No. 246,214. PUBLISHED JULY 5, 1927. Class 45.
- 232,503. SUITS IN TWO AND THREE PIECE GARMENTS AND SEPARATE ITEMS—VIZ, TROUSERS, VESTS, COATS, AND KNICKERBOCKERS, OVERCOATS, AND MEN'S AND BOYS' HATS AND CAPS. ROGERS PEET COMPANY, New York, N. Y.
Filed March 23, 1927. Serial No. 246,229. PUBLISHED JUNE 14, 1927. Class 39.

- 232,504. INDIVIDUAL GAS-LIGHTING PLANTS FOR USE IN HOMES, STORES, SCHOOLHOUSES, CHURCHES, ETC. CHARLES S. TRUMP, doing business as Home Lighting Company, Martinsburg, W. Va.
Filed March 23, 1927. Serial No. 246,239. PUBLISHED JULY 5, 1927. Class 34.
- 232,505. FASTENERS FOR THE WAISTBANDS OF TROUSERS. ALMA MANUFACTURING COMPANY OF BALTIMORE CITY, Baltimore, Md.
Filed March 24, 1927. Serial No. 246,261. PUBLISHED JUNE 7, 1927. Class 40.
- 232,506. PATTERNS FOR PRODUCING LACEWORK. JOHANN H. WACHTER, New York, N. Y.
Filed March 28, 1927. Serial No. 246,521. PUBLISHED JUNE 7, 1927. Class 40.
- 232,507. MEN'S WORK SHIRTS AND PANTS. CHICAGO MAIL ORDER COMPANY, Chicago, Ill.
Filed March 31, 1927. Serial No. 246,667. PUBLISHED JUNE 14, 1927. Class 39.
- 232,508. MEN'S NEGLIGEE, DRESS, AND WORK SHIRTS. DAVID F. M. FITZGERALD, doing business as Fitzlik Shirt Company, Fall River, Mass.
Filed April 1, 1927. Serial No. 246,745. PUBLISHED JUNE 14, 1927. Class 39.
- 232,509. DAIRY FEED KNOWN IN THE TRADE AS MILK-MAKER, MASH WITH DRIED BUTTERMILK; POULTRY FEED—NAMESLY, SCRATCH GRAINS, BABY-CHICK GRAINS, AND MASHES. KASCO MILLS, INC., Waverly, N. Y.
Filed April 1, 1927. Serial No. 246,755. PUBLISHED JUNE 28, 1927. Class 46.
- 232,510. LADIES' COLLARS AND CUFFS, VESTEES, AND SCARFS MADE OF SILK FABRICS. OPPENHEIM & BARUCH, INC., New York, N. Y.
Filed April 5, 1927. Serial No. 246,974. PUBLISHED JUNE 14, 1927. Class 39.
- 232,511. RUBBER BABY PANTS. J. C. PENNEY COMPANY, Wilmington, Del., and New York, N. Y.
Filed April 5, 1927. Serial No. 246,982. PUBLISHED JUNE 14, 1927. Class 39.
- 232,512. RUBBER HEELS. CASA ANCHORENA, INC., New York, N. Y.
Filed March 28, 1927. Serial No. 246,462. PUBLISHED JUNE 14, 1927. Class 39.
- 232,513. LADIES' HATS. HARRY ROSENBERG & Co., New York, N. Y., and Paris, France.
Filed April 23, 1927. Serial No. 247,909. PUBLISHED JUNE 21, 1927. Class 39.
- 232,514. WOMEN'S AND MISSES' DRESSES. CHARLES SALOMON & Co. Inc., New York, N. Y.
Filed April 26, 1927. Serial No. 247,987. PUBLISHED JUNE 21, 1927. Class 39.
- 232,515. SHOES, SLIPPERS, AND BOOTS OF LEATHER AND RUBBER, FABRIC, LEATHER, AND RUBBER, LEATHER AND FABRIC, OR RUBBER AND FABRIC; OVERSHOES, SPATS, HEELS, AND SHOE FINDINGS—NAMESLY, HEELS, INNER AND OUTER SOLES, UPPERS, TONGUES, AND TOE CAPS. CUMBERLAND SHOE CO., Newark, N. J.
Filed April 26, 1927. Serial No. 247,989. PUBLISHED JUNE 14, 1927. Class 39.
- 232,516. MEN'S AND YOUNG MEN'S SUITS AND OVERCOATS. EPSTEIN FRANK & LOCHNER INC., Buffalo, N. Y.
Filed April 26, 1927. Serial No. 247,992. PUBLISHED JUNE 21, 1927. Class 39.

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- 232,517. SHOES MADE OF LEATHER, CLOTH, CANVAS, OR COMBINATIONS THEREOF. W. F. DRESE, doing business as Drese Safety Toe Shoe Company, St. Louis, Mo.
Filed April 27, 1927. Serial No. 248,032. PUBLISHED JUNE 14, 1927. Class 39.
- 232,518. GRAND AND UPRIGHT PIANOS, PLAYER PIANOS, AND PIANO PLAYERS. WURLITZER GRAND PIANO COMPANY, De Kalb, Ill.
Filed April 27, 1927. Serial No. 248,077. PUBLISHED JUNE 28, 1927. Class 36.
- 232,519. CIGARS. CHARLES F. GARCIA, Washington, D. C.
Filed April 28, 1927. Serial No. 248,096. PUBLISHED JULY 5, 1927. Class 17.
- 232,520. PERFUMES. ALFRED MARTORY, Paris, France.
Filed April 28, 1927. Serial No. 248,110. PUBLISHED JUNE 28, 1927. Class 6.
- 232,521. CLOCK GOLF GAME. PREMIER-SPORT PRODUCTS, INCORPORATED, New York, N. Y.
Filed April 28, 1927. Serial No. 248,125. PUBLISHED JULY 5, 1927. Class 22.
- 232,522. COATS, VESTS, TROUSERS, KNICKERBOCKERS, TOPCOATS, AND OVERCOATS FOR MEN, YOUTHS, AND BOYS. J. SCHOENEMAN, INCORPORATED, Baltimore, Md.
Filed April 28, 1927. Serial No. 248,131. PUBLISHED JUNE 28, 1927. Class 39.
- 232,523. AGATE BUTTONS OF ALL KINDS. ERNEST W. BROCKMAN, doing business as Brockman Brothers, New York, N. Y.
Filed April 29, 1927. Serial No. 248,150. PUBLISHED JUNE 14, 1927. Class 40.
- 232,524. AGATE BUTTONS OF ALL KINDS. NEW YORK MERCHANDISE COMPANY, New York, N. Y.
Filed April 29, 1927. Serial No. 248,186. PUBLISHED JUNE 14, 1927. Class 40.
- 232,525. MEN'S BOYS' AND YOUTHS' COATS, SUITS, VESTS, AND TROUSERS. STUDENTS TWO-PANTS CLOTHING COMPANY, INC., New York, N. Y.
Filed April 29, 1927. Serial No. 248,204. PUBLISHED JUNE 21, 1927. Class 39.
- 232,526. SHOES AND BOOTS MADE OF LEATHER, RUBBER, FABRIC, AND COMBINATIONS OF ANY OF THOSE MATERIALS. THE EXCELSIOR SHOE COMPANY, Portsmouth, Ohio.
Filed April 29, 1927. Serial No. 248,228. PUBLISHED JUNE 14, 1927. Class 39.
- 232,527. READY-CUT PATCHES FOR PATCHWORK. THE PATCHCRAFT CORPORATION, New York, N. Y.
Filed April 30, 1927. Serial No. 248,245. PUBLISHED JUNE 14, 1927. Class 40.
- 232,528. MEN'S SUITS, OVERCOATS, AND TOPCOATS. BARRON-ANDERSON COMPANY, Boston, Mass.
Filed May 4, 1927. Serial No. 248,389. PUBLISHED JUNE 28, 1927. Class 39.
- 232,529. KNITTED AND TEXTILE UNDERWEAR FOR MEN, WOMEN, AND CHILDREN, AND TIES, SCARFS, AND MUFFLERS FOR MEN, WOMEN, AND CHILDREN. CLARION KNITTING MILLS, INC., New York, N. Y.
Filed May 4, 1927. Serial No. 248,391. PUBLISHED JUNE 28, 1927. Class 39.
- 232,530. KNITTED AND TEXTILE UNDERWEAR FOR MEN, WOMEN, AND CHILDREN, AND TIES, SCARFS, AND MUFFLERS FOR MEN, WOMEN, AND CHILDREN. CLARION KNITTING MILLS, INC., New York, N. Y.
Filed May 4, 1927. Serial No. 248,392. PUBLISHED JUNE 21, 1927. Class 39.
- 232,531. GOLF TEES. THE STANDARD CO., INC., St. Albans, Vt.
Filed May 4, 1927. Serial No. 248,450. PUBLISHED JULY 5, 1927. Class 22.
- 232,532. WOMEN'S HOSIERY. DAVID JABOBS CORPORATION, New York, N. Y.
Filed May 5, 1927. Serial No. 248,478. PUBLISHED JUNE 28, 1927. Class 39.
- 232,533. POWDER PUFFS. A. L. SIEGEL, doing business as A. L. Siegel Co., New York, N. Y.
Filed April 6, 1927. Serial No. 247,043. PUBLISHED JULY 5, 1927. Class 29.
- 232,534. HATS FOR MEN. KNOX HAT COMPANY, INC., New York, N. Y.
Filed April 9, 1927. Serial No. 247,190. PUBLISHED JUNE 21, 1927. Class 39.
- 232,535. COMBS OTHER THAN THOSE MADE OF PRECIOUS METAL. WILCOX COMB COMPANY, INC., Keene, N. H.
Filed April 9, 1927. Serial No. 247,234. PUBLISHED JUNE 14, 1927. Class 40.
- 232,536. UMBRELLAS. S. BLECHMAN & SONS, INC., New York, N. Y.
Filed April 11, 1927. Serial No. 247,253. PUBLISHED MAY 31, 1927. Class 41.
- 232,537. POWDER PUFFS. S. BLECHMAN & SONS, INC., New York, N. Y.
Filed April 11, 1927. Serial No. 247,254. PUBLISHED JULY 5, 1927. Class 29.
- 232,538. BRAIDS. AMBERG, SCHWAB & Co., INC., New York, N. Y.
Filed April 13, 1927. Serial No. 247,352. PUBLISHED MAY 31, 1927. Class 40.
- 232,539. FUR COATS, CAPES, WRAPS, AND SCARFS; CLOTH COATS AND WRAPS, WOMEN'S SUITS, BRASSIERES, WOMEN'S SILK-FABRIC UNDERWEAR, HOSIERY, CORSETS, AND NEGLIGEEES. WEISS, FRANK & GINTEL, INC., New York, N. Y.
Filed April 12, 1927. Serial No. 247,349. PUBLISHED JUNE 21, 1927. Class 39.
- 232,540. DRESS SHIELDS. C. F. HOVEY CO., Boston, Mass.
Filed April 15, 1927. Serial No. 247,474. PUBLISHED MAY 31, 1927. Class 40.
- 232,541. HOSIERY. HIMELHOCH BROTHERS & COMPANY, Detroit, Mich.
Filed April 15, 1927. Serial No. 247,472. PUBLISHED JUNE 14, 1927. Class 39.
- 232,542. LIQUID PREPARATION FOR IMPROVING THE CONTOUR OF THE FACE AND REMOVING BLEMISHES THEREFROM. CHARLES A. BENFORD, doing business as Virginia May Laboratories, Newtonville, Mass.
Filed April 12, 1927. Serial No. 247,308. PUBLISHED JUNE 28, 1927. Class 6.
- 232,543. LADIES' DRESSES, COATS, AND SUITS. PICKWICK DRESS COMPANY, New York, N. Y.
Filed April 14, 1927. Serial No. 247,443. PUBLISHED JUNE 21, 1927. Class 39.
- 232,544. BIAS-FOLD TAPE. JORDAN MARSH COMPANY, Boston, Mass.
Filed April 16, 1927. Serial No. 247,543. PUBLISHED MAY 31, 1927. Class 40.
- 232,545. HOSIERY. PHOENIX HOSIERY COMPANY, Milwaukee, Wis.
Filed April 16, 1927. Serial No. 247,567. PUBLISHED JUNE 14, 1927. Class 39.
- 232,546. LADIES' FULL-FASHIONED HOSIERY. BERKSHIRE KNITTING MILLS, Wyomissing, Reading, Pa.
Filed April 19, 1927. Serial No. 247,665. PUBLISHED JUNE 21, 1927. Class 39.
- 232,547. LADIES' FULL-FASHIONED HOSIERY. BERKSHIRE KNITTING MILLS, Wyomissing, Reading, Pa.
Filed April 19, 1927. Serial No. 247,666. PUBLISHED JUNE 21, 1927. Class 39.

- 232,548. LADIES' FULL-FASHIONED HOSIERY. BERKSHIRE KNITTING MILLS, Wyomissing, Reading, Pa.
Filed April 19, 1927. Serial No. 247,667. PUBLISHED JUNE 21, 1927. Class 39.
- 232,549. CORSETS, GIRDLES, AND LADIES' UNDERWEAR OF KNITTED, NETTED, AND TEXTILE FABRIC. EDDY-FORM BRASSIERE CO., INC., New York, N. Y.
Filed April 19, 1927. Serial No. 247,680. PUBLISHED JUNE 14, 1927. Class 39.
- 232,550. BRASSIÈRES, CORSETS, GIRDLES, AND LADIES' UNDERWEAR OF KNITTED, NETTED, AND TEXTILE FABRIC. EDDY-FORM BRASSIERE CO., INC., New York, N. Y.
Filed April 19, 1927. Serial No. 247,681. PUBLISHED JUNE 14, 1927. Class 39.
- 232,551. KNITTED UNDERWEAR IN ONE, TWO, AND THREE PIECE GARMENTS FOR LADIES, MISSES, CHILDREN, AND MEN. HENRY J. TULLY, New York, N. Y.
Filed April 19, 1927. Serial No. 247,716. PUBLISHED JUNE 14, 1927. Class 39.
- 232,552. MEN'S, WOMEN'S, AND CHILDREN'S SHOES MADE OF LEATHER OR LEATHER AND RUBBER. FIELD BROS. & GROSS CO., Auburn, Me.
Filed April 20, 1927. Serial No. 247,732. PUBLISHED JUNE 28, 1927. Class 39.
- 232,553. MEN'S AND YOUNG MEN'S SUITS, TOPCOATS, OVERCOATS, AND KNICKERS, REEFERS, JACKETS, SWEATERS, AND SWEATER COATS. SPECTOR BROTHERS, Philadelphia, Pa.
Filed April 20, 1927. Serial No. 247,753. PUBLISHED JUNE 21, 1927. Class 39.
- 232,554. MEN'S DRESS, NEGLIGEE, AND WORK SHIRTS AND PYJAMAS. THE USONA SHIRT COMPANY, New York, N. Y.
Filed April 20, 1927. Serial No. 247,763. PUBLISHED JUNE 14, 1927. Class 39.
- 232,555. MEN'S AND BOYS' PYJAMAS, NIGHT ROBES, UNDERWEAR OF TEXTILE FABRIC, AND SHIRTS—NAMESLY, DRESS, NEGLIGEE, AND WORK SHIRTS. CARLTON MILLS, INC., New York, N. Y.
Filed April 23, 1927. Serial No. 247,887. PUBLISHED JUNE 14, 1927. Class 39.
- 232,556. CRAVATS. SAMUEL GOLDSTEIN, New York, N. Y.
Filed December 30, 1926. Serial No. 242,180. PUBLISHED JUNE 21, 1927. Class 39.
- 232,557. WOOLLY DOGS, DOLLS, RATTLES, SWINGS, BABY SWINGS, AND ROCKING DUCKS FOR CHILDREN. BEST & CO., INC., New York, N. Y.
Filed January 7, 1927. Serial No. 242,469. PUBLISHED JULY 5, 1927. Class 22.
- 232,558. MEN'S AND YOUNG MEN'S COATS, VESTS, TROUSERS, AND OVERCOATS, AND WOMEN'S COATS AND SUITS. SHIREK & HIRSCH, New York, N. Y.
Filed January 11, 1927. Serial No. 242,693. PUBLISHED JUNE 21, 1927. Class 39.
- 232,559. MEDICINE FOR CATARRH, STOMACH, AND LIVER. BISHOP AND BISHOP, Duffield, Va.
Filed January 12, 1927. Serial No. 242,703. PUBLISHED JUNE 28, 1927. Class 6.
- 232,560. SILK PIECE GOODS. WAGER & HIRSCH, INC., New York, N. Y.
Filed January 19, 1927. Serial No. 243,073. PUBLISHED JUNE 28, 1927. Class 42.
- 232,561. BRASS PINS. J. C. PENNEY COMPANY, Wilmington, Del., and New York, N. Y.
Filed April 5, 1927. Serial No. 246,978. PUBLISHED MAY 31, 1927. Class 40.

- 232,562. BRASS PINS. J. C. PENNEY COMPANY, Wilmington, Del., and New York, N. Y.
Filed April 5, 1927. Serial No. 246,977. PUBLISHED MAY 31, 1927. Class 40.
- 232,563. PEPPERMINT OIL USED FOR FLAVORING TOBACCO USED IN CIGARETTES AND PIPES. WESTERN MINT COMPANY, Portland, Oreg.
Filed April 4, 1927. Serial No. 246,942. PUBLISHED JUNE 28, 1927. Class 6.
- 232,564. ELECTRICALLY-ACTUATED CONTROL FOR ELECTRIC SWITCHES. THE FEDERAL GAUGE COMPANY, Chicago, Ill.
Filed April 4, 1927. Serial No. 246,894. PUBLISHED JUNE 28, 1927. Class 21.
- 232,565. MEN'S SUITS, OVERCOATS, AND TOPCOATS. HYMAN WEINSTEIN, New York, N. Y.
Filed April 2, 1927. Serial No. 246,868. PUBLISHED JUNE 28, 1927. Class 39.
- 232,566. ELECTRIC CIGAR LIGHTERS AND ELECTRIC TROUBLE LAMPS. CONNECTICUT AUTOMOTIVE SPECIALTIES COMPANY, Bridgeport, Conn.
Filed March 30, 1927. Serial No. 246,597. PUBLISHED JUNE 28, 1927. Class 21.
- 232,567. TIES. ISIDORE ISAAC, doing business as, I. Isaac & Co., New York, N. Y.
Filed March 29, 1927. Serial No. 246,556. PUBLISHED JUNE 28, 1927. Class 39.
- 232,568. MEN'S, WOMEN'S, AND CHILDREN'S KNITTED RAYON UNDERWEAR. VAN DYKE KNITTING COMPANY, Milwaukee, Wis.
Filed March 28, 1927. Serial No. 246,520. PUBLISHED JUNE 21, 1927. Class 39.
- 232,569. SALVES FOR HEMORRHOIDS, CUTS, BURNS, AND SORES. PAULINE FRISBIE, doing business as Marvo Company, Los Angeles, Calif.
Filed March 26, 1927. Serial No. 246,399. PUBLISHED JUNE 28, 1927. Class 6.
- 232,570. CHEMICAL FOR PRESERVING SILK HOSIERY AND OTHER SILK AND ARTIFICIAL-SILK TEXTILES AND FABRICS. RAYMOND B. TWYMAN, doing business as The Siltex Company, Chicago, Ill.
Filed March 23, 1927. Serial No. 246,242. PUBLISHED JUNE 28, 1927. Class 6.
- 232,571. MEN'S TUXEDOS AND LINEN, MADRAS, AND PIQUÉ DRESS SHIRTS. THE BURKHARDT BROS. CO., Cincinnati, Ohio.
Filed March 22, 1927. Serial No. 246,152. PUBLISHED JUNE 21, 1927. Class 39.
- 232,572. DRESSES. SHIRER BROS., New York, N. Y.
Filed March 16, 1927. Serial No. 245,866. PUBLISHED JUNE 14, 1927. Class 39.
- 232,573. KNITTED AND TEXTILE UNDERWEAR, LINGERIE, DRESSES, AND SUITS MADE OF SILK, WOOL, COTTON, AND ARTIFICIAL SILK FOR WOMEN. WYANT WAY OF NEW YORK, INC., Jersey City, N. J.
Filed April 5, 1927. Serial No. 246,989. PUBLISHED JUNE 14, 1927. Class 39.
- 232,574. OVERALLS, WORK SHIRTS, WORK PANTS, AND ONE-PIECE WORK SUITS. CARP & CO., Mount Vernon, Ill.
Filed April 6, 1927. Serial No. 247,002. PUBLISHED JUNE 14, 1927. Class 39.
- 232,575. SHOES MADE OF LEATHER. CHURCHILL AND ALDEN COMPANY, Brockton, Mass.
Filed April 7, 1927. Serial No. 247,067. PUBLISHED JUNE 7, 1927. Class 39.
- 232,576. GAS RANGES, COAL RANGES, COMBINATION GAS AND COAL BURNING RANGES, AND COAL-WOOD RANGES. MALLEABLE IRON RANGE COMPANY, Beaver Dam, Wis.
Filed April 7, 1927. Serial No. 247,090. PUBLISHED JULY 5, 1927. Class 34.

- 232,577. MEN'S, WOMEN'S, AND BOYS' JACKETS. SHAPIRO & RUBIN, New York, N. Y.
Filed April 7, 1927. Serial No. 247,104. PUBLISHED JUNE 14, 1927. Class 39.
- 232,578. SHOES OF LEATHER, RUBBER, FABRIC, OR COMBINATIONS THEREOF. CUSHMAN-HOLLIS COMPANY, Auburn, Me.
Filed April 9, 1927. Serial No. 247,173. PUBLISHED JUNE 14, 1927. Class 39.
- 232,579. LINEN, COTTON, SILK, AND RAYON PIECE GOODS; TABLECLOTHS, NAPKINS, AND TABLECLOTH AND NAPKIN SETS OF TEXTILE MATERIAL; DAMASKS FOR DRAPERIES, TOWELS, DISH TOWELING OF TEXTILE MATERIAL BEDSPREADS, SHEETS, AND PILLOWCASES. SCHER-SANDERS CORPORATION, New York, N. Y.
Filed April 9, 1927. Serial No. 247,217. PUBLISHED JULY 5, 1927. Class 42.
- 232,580. WASH CLOTHS, CLOTH BLANKETS, AND CLOTH CARRIAGE COVERS. S. BLECHMAN & SONS, INC., New York, N. Y.
Filed April 11, 1927. Serial No. 247,252. PUBLISHED JULY 5, 1927. Class 42.
- 232,581. WHOLESALE GROCERIES—NAMESLY, COFFEE, CATCHUP, AND CANNED SALMON, PEACHES, PEARS, TOMATOES, WAX BEANS, CUT GREEN BEANS, SAUERKRAUT, BEETS, PEAS, AND CORN. LOUIS DOBBRATZ CO., Milwaukee, Wis.
Filed April 11, 1927. Serial No. 247,266. PUBLISHED JUNE 28, 1927. Class 46.
- 232,582. MEN'S STIFF AND FELT HATS. CRESTWELL HATTERS, INC., New York, N. Y.
Filed April 13, 1927. Serial No. 247,361. PUBLISHED JUNE 14, 1927. Class 39.
- 232,583. MEN'S WORK, DRESS, AND NEGLIGEE SHIRTS HAVING COLLARS ATTACHED. TUTTLEMAN & KOHN, Philadelphia, Pa.
Filed April 14, 1927. Serial No. 247,452. PUBLISHED JUNE 14, 1927. Class 39.
- 232,584. RAINCOATS. COOPER RAIN WEAR MFG. CO., New York, N. Y.
Filed April 15, 1927. Serial No. 247,461. PUBLISHED JUNE 14, 1927. Class 39.
- 232,585. SLIDE CASTERS FOR FURNITURE. FOOTE, PIERSON & COMPANY, INC., New York, N. Y.
Filed April 15, 1927. Serial No. 247,469. PUBLISHED JULY 5, 1927. Class 13.
- 232,586. BLANKETS MADE OF ALL WOOL OR WOOL AND COTTON COMBINED, SHEETS MADE OF FULL-BLEACHED COTTON, AND PILLOWCASES. C. F. HOVEY CO., Boston, Mass.
Filed April 15, 1927. Serial No. 247,476. PUBLISHED JULY 5, 1927. Class 42.
- 232,587. PROTECTORS FOR HOSIERY. HAROLD B. SCHOTT, Providence, R. I.
Filed April 15, 1927. Serial No. 247,497. PUBLISHED JUNE 14, 1927. Class 39.
- 232,588. HOSIERY. PHOENIX HOSIERY COMPANY, Milwaukee, Wis.
Filed April 16, 1927. Serial No. 247,565. PUBLISHED JUNE 14, 1927. Class 39.
- 232,589. HOSIERY. PHOENIX HOSIERY COMPANY, Milwaukee, Wis.
Filed April 16, 1927. Serial No. 247,566. PUBLISHED JUNE 14, 1927. Class 39.
- 232,590. SEASONINGS FOR FOOD IN POWDERED FORM. JULIA A. ARADIE, New Orleans, La.
Filed April 18, 1927. Serial No. 247,588. PUBLISHED JUNE 28, 1927. Class 46.

- 232,591. COLD CREAM, VANISHING CREAM, SCALP BALM, OIL SHAMPOO, CREAM SHAMPOO, HAIR TONIC, PREPARATION FOR REMOVING FACIAL BLEMISHES, DEPILATORY, NAIL ENAMEL, PREPARATION FOR REMOVING NAIL ENAMEL, ROUGE, AND SKIN ASTRINGENT. ALBERT C. MANGANIELLO, doing business as Isabeau Laboratories, New York, N. Y.
Filed April 18, 1927. Serial No. 247,621. PUBLISHED JUNE 28, 1927. Class 6.
- 232,592. PIECE GOODS OF SILK, WOOL, COTTON, AND HAIRS. BIANCHINI, FERIER, Lyon, France.
Filed April 19, 1927. Serial No. 247,671. PUBLISHED JULY 5, 1927. Class 42.
- 232,593. VARIOUS TOILET PREPARATIONS—NAMESLY, SKIN CREAMS, SKIN TONIC, ASTRINGENT, FACIAL LOTION, AND FACE POWDER. OTHELIA WHEATLEY, INC., New York, N. Y.
Filed March 15, 1927. Serial No. 245,821. PUBLISHED JUNE 28, 1927. Class 6.
- 232,594. MEN'S SUITS FOR OUTER WEAR, MEN'S PANTS FOR OUTER WEAR, MEN'S OVERCOATS FOR OUTER WEAR, MEN'S NECKTIES, SCARFS, MEN'S DRESS, NEGLIGEE, WORK, AND UNDERSHIRTS; MEN'S UNDERWEAR MADE OF KNITTED, NETTED, AND TEXTILE MATERIALS; AND MEN'S WAISTCOATS AND PYJAMAS. DOLPH-MURRAY, INC., New York, N. Y.
Filed March 12, 1927. Serial No. 245,622. PUBLISHED JUNE 14, 1927. Class 39.
- 232,595. STORAGE BATTERIES AND PARTS THEREOF AND CURRENT-SUPPLYING DEVICES OF THE TYPE FOR SUPPLYING RECTIFIED A. C. CURRENT AND OF THE TYPE INCLUDING A STORAGE BATTERY WITH PROVISION FOR CHARGING THE SAME FROM AN A. C. CIRCUIT, THESE CURRENT-SUPPLYING DEVICES BEING EMPLOYED MORE PARTICULARLY FOR POWER UNITS FOR RADIO RECEIVING SETS. WILLARD STORAGE BATTERY COMPANY, Cleveland, Ohio.
Filed March 7, 1927. Serial No. 245,386. PUBLISHED JUNE 28, 1927. Class 21.
- 232,596. MEN'S OUTER GARMENTS—NAMESLY, SUITS OF ALL KINDS, OVERCOATS, WAISTCOATS, AND TROUSERS. M. WILB & COMPANY, Inc., Buffalo, N. Y.
Filed March 2, 1927. Serial No. 245,131. PUBLISHED JUNE 28, 1927. Class 39.
- 232,597. ELECTRIC MOTORS GENERALLY, AND PARTICULARLY ELECTRIC MOTORS SUITABLE FOR DRIVING FANS. KNAPP ELECTRIC CORPORATION, Port Chester, N. Y.
Filed March 1, 1927. Serial No. 245,058. PUBLISHED JUNE 28, 1927. Class 21.
- 232,598. MOTOR OILS, LUBRICATING OILS AND GREASES. BEACON OIL COMPANY, Boston, Mass.
Filed September 14, 1926. Serial No. 237,220. PUBLISHED OCTOBER 26, 1926. Class 15.
- 232,599. CARBONACEOUS WATERPROOF COATING COMPOSITION IN THE NATURE OF PAINT FOR JOINTS AND RESERVOIRS. EUGENE R. ODEN, doing business as Waterproof Paint Company, Lankershim, Calif.
Filed September 15, 1926. Serial No. 237,277. PUBLISHED NOVEMBER 23, 1926. Class 16.
- 232,600. LADIES' COATS. I. & B. SAPIRO CLOAK CO., New York, N. Y.
Filed October 5, 1926. Serial No. 238,195. PUBLISHED JUNE 21, 1927. Class 39.
- 232,601. MEN'S ATHLETIC UNDERWEAR MADE FROM TEXTILE FABRIC. OPPENHEIM, OBENDORF & CO., INC., doing business as The Sealpac Company, Baltimore, Md.
Filed October 14, 1926. Serial No. 238,610. PUBLISHED JUNE 7, 1927. Class 39.

- 232,602. SALAD DRESSING, TARTAR SAUCE, JAMS, JELLIES, AND CANDIES. FRED M. CASLER, doing business as Casler Food Products Co., Los Angeles, Calif.
Filed October 15, 1926. Serial No. 238,636. PUBLISHED JUNE 28, 1927. Class 46.
- 232,603. COFFEE. THE KROGER GROCERY & BAKING Co., Cincinnati, Ohio.
Filed October 20, 1926. Serial No. 238,909. PUBLISHED DECEMBER 14, 1926. Class 46.
- 232,604. EGGS AND DRESSED POULTRY. MINNESOTA CO-OPERATIVE EGG & POULTRY EXCHANGE, INC., St. Paul, Minn.
Filed November 20, 1926. Serial No. 240,360. PUBLISHED JUNE 28, 1927. Class 46.
- 232,605. WATCH CHAINS, NECK CHAINS, KEY CHAINS, BRACELET CHAINS, AND EYEGLASS CHAINS, ROSARY CASES, POCKETKNIVES AND TABLE KNIVES, BUCKLES AND BELTS COMPRISED WHOLLY OR IN PART OF PRECIOUS METAL, AND BRACELETS, NECKLACES, EARRINGS, CUFF LINKS, FINGER RINGS, AND BROOCHES. WHITING AND DAVIS CHAIN COMPANY, Plainville, Mass.
Filed December 3, 1926. Serial No. 240,937. PUBLISHED JUNE 28, 1927. Class 28.
- 232,606. MALT SIRUP. THE BUCKEYE PRODUCING Co., Toledo, Ohio.
Filed December 15, 1926. Serial No. 241,516. PUBLISHED JULY 5, 1927. Class 48.
- 232,607. SHOES OF LEATHER, RUBBER, OR FABRIC OR COMBINATIONS OF SUCH MATERIAL. CHARLES A. EATON COMPANY, Brockton, Mass.
Filed February 11, 1927. Serial No. 244,220. PUBLISHED JUNE 14, 1927. Class 39.
- 232,608. FINGER RINGS, BAR PINS, SCARF PINS, BRACELETS, SAUTOIRS, WATCH CHAINS, GEM SETTINGS, MESH BAGS, VANITY CASES, BARRETTE, BROOCHES, BELT BUCKLES, EARRINGS, WATCH FOBS, NECKLACES, NECK CHAINS, NECKLACE CLASPS, MEDALS, CUFF BUTTONS, SHOE BUCKLES, LOCKETS, TIE CLASPS, WATCH-CHAIN SNAPS, AND VEIL PINS, ALL OF THE ABOVE ARTICLES BEING MADE OF OR COATED WITH PRECIOUS METAL. KATZ & OGDEN, INC., New York, N. Y.
Filed February 9, 1927. Serial No. 244,079. PUBLISHED JUNE 28, 1927. Class 28.
- 232,609. A FOOD BEVERAGE COMPOSED OF CHOCOLATE AND MILK AND SIRUP FOR MAKING THE SAME. CHOCOLATE PRODUCTS CO., Chicago, Ill.
Filed February 9, 1927. Serial No. 244,043. PUBLISHED JUNE 28, 1927. Class 46.
- 232,610. UNDERWEAR OF TEXTILE FABRIC FOR MEN. WHEATLEY & SCHWABE, New York, N. Y.
Filed February 5, 1927. Serial No. 243,905. PUBLISHED JUNE 14, 1927. Class 39.
- 232,611. CHILDREN'S PLAY SUITS AND CHILDREN'S TEXTILE FABRIC UNDERWEAR. WHEATLEY & SCHWABE, New York, N. Y.
Filed February 5, 1927. Serial No. 243,903. PUBLISHED JUNE 14, 1927. Class 39.
- 232,612. SILK PIECE GOODS WITHOUT PILE OR NAPPING. STEINIL SILKS CORPORATION, New York, N. Y.
Filed February 5, 1927. Serial No. 243,892. PUBLISHED JULY 5, 1927. Class 42.
- 232,613. LEGGINGS. MARY FAULKNER POLLARD, Richmond, Va.
Filed January 29, 1927. Serial No. 243,560. PUBLISHED JUNE 28, 1927. Class 39.

- 232,614. CRAVATS, FOUR-IN-HAND TIES, BOW TIES, MUFFLERS, AND REEFERS. J. I. GUMPORT AND SONS, INC., New York, N. Y.
Filed January 27, 1927. Serial No. 243,437. PUBLISHED JUNE 14, 1927. Class 39.
- 232,615. DRESSES FOR WOMEN, MISSES, AND CHILDREN. LEVI & SELIGMAN, INC., New York, N. Y.
Filed January 26, 1927. Serial No. 243,380. PUBLISHED JUNE 21, 1927. Class 39.
- 232,616. CANNED FRUITS, CANNED VEGETABLES, CHILI SAUCE, JAMS, FRUIT PRESERVES, VINEGAR, OYSTER-COCKTAIL SAUCE, SPAGHETTI, CANNED SOUPS, SALAD DRESSING, AND CANNED BAKED BEANS, CANNED SAUER-KRAUT AND APPLE SAUCE. THE T. A. SNIDER PRESERVE CO., Chicago, Ill.
Filed January 22, 1927. Serial No. 243,238. PUBLISHED JUNE 28, 1927. Class 46.
- 232,617. MEDICINAL PREPARATION CONTAINING NONEQUILIBRATED RADIUM IN SOLUTION TAKEN INTERNALLY, SERVING AS A GLAND ACTIVATOR AND OXYGENIZER OF THE BLOOD. RADIUM RESEARCH FOUNDATION, Los Angeles, Calif.
Filed April 25, 1927. Serial No. 247,963. PUBLISHED JUNE 28, 1927. Class 6.
- 232,618. MEN'S SUITS AND OVERCOATS. WM. P. GOLDMAN & BROS., INC., New York, N. Y.
Filed April 23, 1927. Serial No. 247,949. PUBLISHED JUNE 14, 1927. Class 39.
- 232,619. CAKE ICING. Mrs. JOHN J. RATTY, Ventnor, N. J.
Filed April 23, 1927. Serial No. 247,907. PUBLISHED JUNE 28, 1927. Class 46.
- 232,620. PEPPER SALAD AND CELERY RELISH. THE OLIVER RELISH COMPANY, Newark, N. J.
Filed April 22, 1927. Serial No. 247,866. PUBLISHED JUNE 28, 1927. Class 46.
- 232,621. HORSE FEED, MULE FEED, AND DAIRY FEED. GRAIN BELT MILLS COMPANY, South St. Joseph, Mo.
Filed April 22, 1927. Serial No. 247,856. PUBLISHED JUNE 28, 1927. Class 46.
- 232,622. HORSE FEED, MULE FEED, AND CHICKEN FEED. GRAIN BELT MILLS COMPANY, South St. Joseph, Mo.
Filed April 22, 1927. Serial No. 247,855. PUBLISHED JUNE 28, 1927. Class 46.
- 232,623. HORSE AND MULE FEED. GRAIN BELT MILLS COMPANY, South St. Joseph, Mo.
Filed April 22, 1927. Serial No. 247,843. PUBLISHED JUNE 28, 1927. Class 46.
- 232,624. WRITING INKS. L. E. WATERMAN COMPANY, New York, N. Y.
Filed April 21, 1927. Serial No. 247,834. PUBLISHED JULY 5, 1927. Class 11.
- 232,625. WRITING INKS. L. E. WATERMAN COMPANY, New York, N. Y.
Filed April 21, 1927. Serial No. 247,833. PUBLISHED JULY 5, 1927. Class 11.
- 232,626. MEN'S SUITS AND OVERCOATS. H. WOLBARSHIT & COMPANY, Baltimore, Md.
Filed February 26, 1927. Serial No. 244,967. PUBLISHED JUNE 14, 1927. Class 39.
- 232,627. KNITTED AND TEXTILE UNDERWEAR IN ONE AND TWO PIECE GARMENTS FOR MEN AND BOYS. THE PIQUA HOSIERY COMPANY, Piqua, Ohio.
Filed February 26, 1927. Serial No. 244,957. PUBLISHED JUNE 28, 1927. Class 39.
- 232,628. TEXTILE RUGS. HILLSIDE COTTON MILLS, La Grange, Ga.
Filed February 20, 1927. Serial No. 244,935. PUBLISHED JULY 5, 1927. Class 42.

- 232,629. BIAS-FOLD TAPES AND TRIMMINGS OF FABRIC. WILLIAM E. WRIGHT AND SONS COMPANY, Orange, N. J.
Filed February 25, 1927. Serial No. 244,908. PUBLISHED MAY 31, 1927. Class 40.
- 232,630. A AND B BATTERY ELIMINATORS, TRICKLE CHARGERS, ELECTRICAL CONDENSERS, GRID PLATES, AND TRANSFORMERS FOR RADIO APPARATUS. THE PRECISION ELECTRIC MFG. CORP., Los Angeles, Calif.
Filed February 25, 1927. Serial No. 244,885. PUBLISHED JUNE 28, 1927. Class 21.
- 232,631. BOOTS AND SHOES COMPOSED OF RUBBER, FABRIC, OR RUBBER AND FABRIC. UNITED STATES RUBBER COMPANY, New York, N. Y.
Filed February 23, 1927. Serial No. 244,802. PUBLISHED JUNE 14, 1927. Class 39.
- 232,632. FRATERNITY PINS, BADGES, LAPEL BUTTONS, CUFF LINKS, TIE CLASPS, CHARMS, FINGER RINGS, AND BELT BUCKLES MADE OF OR PLATED WITH PRECIOUS METAL. ACACIA FRATERNITY, Worcester, Mass.
Filed February 23, 1927. Serial No. 244,734. PUBLISHED JUNE 28, 1927. Class 28.
- 232,633. LEATHER SHOES FOR MEN AND WOMEN. THE HARPER & KIRSCHEN SHOE CO., Chicago, Ill.
Filed February 21, 1927. Serial No. 244,692. PUBLISHED JUNE 14, 1927. Class 39.
- 232,634. DRIED BEANS. CHATTEWORTH & SON, Lansing, Mich.
Filed February 21, 1927. Serial No. 244,666. PUBLISHED JULY 5, 1927. Class 46.
- 232,635. TRUMPETS, CLARINETS, FLUTES, PICCOLOS, BASS HORNS, ALTO HORNS, BARYTONE HORNS, MELLOPHONES, BANJOS, SAXOPHONES, AND SOUSAPHONES. MAXWELL MEYERS, Boston, Mass.
Filed February 18, 1927. Serial No. 244,564. PUBLISHED JUNE 28, 1927. Class 36.
- 232,636. COFFEE. YOUNG & GRIFFIN COFFEE COMPANY, INC., New York, N. Y.
Filed February 15, 1927. Serial No. 244,418. PUBLISHED JULY 5, 1927. Class 46.
- 232,637. ICE-CREAM CONFECTION. STANLEY PRZYBYLSEWSKI, Chicago, Ill.
Filed April 27, 1927. Serial No. 248,056. PUBLISHED JULY 5, 1927. Class 46.
- 232,638. BATHTUBS, SINKS, LAVATORIES, LAUNDRY TRAYS, CLOSET TANKS, CLOSET SEATS, CLOSET BOWLS; BLACK AND GALVANIZED PIPE FITTINGS—NAMESLY, ELBOWS, T'S, BUSHINGS, PLUGS, AND UNIONS; ROUGH AND FINISHED BRASS PIPE FITTINGS, SHOWERS, BLACK AND GALVANIZED PIPE. D. L. HAMILL CO., Buffalo, N. Y.
Filed April 29, 1927. Serial No. 248,177. PUBLISHED JULY 5, 1927. Class 13.
- 232,639. TABLE SIRUP. WALTER BLAIR RODDENBERY, Cairo, Ga.
Filed April 29, 1927. Serial No. 248,198. PUBLISHED JUNE 28, 1927. Class 46.
- 232,640. MOTOR OILS AND GREASES. SUNSET PETROLEUM CORPORATION, Los Angeles, Calif.
Filed April 29, 1927. Serial No. 248,205. PUBLISHED JUNE 28, 1927. Class 15.
- 232,641. WORSTED AND WOOLEN TEXTILE FABRICS. HOLDEN-LEONARD COMPANY, New York, N. Y.
Filed April 30, 1927. Serial No. 248,232. PUBLISHED JULY 5, 1927. Class 42.
- 232,642. PREPARATION IN POWDERED FORM USED AS A DISINFECTANT AND DEODORANT. THE LACTEIN COMPANY, San Francisco, Calif.
Filed May 2, 1927. Serial No. 248,305. PUBLISHED JUNE 28, 1927. Class 6.

- 232,643. GOLF BALLS. THE DRAPER-MATNARD COMPANY, Plymouth, N. H.
Filed May 27, 1927. Serial No. 249,648. PUBLISHED JULY 5, 1927. Class 22.
- 232,644. PINS, SAFETY PINS, AND HAIRPINS, ALL OF NONPRECIOUS METAL; HAND SEWING NEEDLES, SNAP-FASTENERS, AND HOOKS AND EYES. WILLIAM PRYM G. M. B. H., Stolberg, Germany.
Filed March 5, 1927. Serial No. 245,312. PUBLISHED JUNE 21, 1927. Class 40.
- 232,645. FACE POWDERS, FACE CREAMS, FACE PACKS, TOILET WATERS, ROUGES, LIP STICKS, EYEBROW PENCILS, PERFUMES, HAIR TONICS, HAIR OILS, DENTIFRICES, SHAMPOOS, DRY SHAMPOOS, HAIR WHITENER, HAIR DYE, TOOTH POWDERS, BATH SALTS, SMELLING SALTS, INCENSE, TALCUM POWDERS, SACHETS, AND SOLID PERFUMES. HEATHER COMPANY, New York, N. Y.
Filed March 24, 1927. Serial No. 246,278. PUBLISHED JULY 5, 1927. Class 6.
- 232,646. WOOLEN PIECE GOODS. FORSTMANN & HUFFMANN COMPANY, Passaic, N. J.
Filed May 27, 1927. Serial No. 249,653. PUBLISHED JULY 5, 1927. Class 42.
- 232,647. HAIR GROWER AND TONIC. STROMAN & REAVIS, New York, N. Y.
Filed April 21, 1927. Serial No. 247,832. PUBLISHED JULY 5, 1927. Class 6.
- 232,648. A PHARMACEUTICAL PREPARATION USED FOR REMOVING SUPERFLUOUS HAIR. ROGERS BROS. & CO., Los Angeles, Calif.
Filed May 2, 1927. Serial No. 248,324. PUBLISHED JULY 5, 1927. Class 6.
- 232,649. SALVE FOR NEURITIS, RHEUMATISM, NEURALGIA, SORE THROAT, HEAD COLDS, PNEUMONIA, HEADACHE, CHEST COLDS, CROUP, BRONCHITIS, WHOOPING COUGH, ASTHMA, CATARRH, BOILS, BURNS, BRUISES. HERBERT PAUL TROUT, Knox, Pa.
Filed May 5, 1927. Serial No. 248,336. PUBLISHED JULY 5, 1927. Class 6.
- 232,650. AMMONIA, BAKING SODA, BAKING POWDER, BLUING, LAUNDRY STARCH, AND LYE. THE C. CALLAHAN COMPANY, La Fayette, Ind.
Filed May 6, 1927. Serial No. 248,553. PUBLISHED JULY 5, 1927. Class 6.
- 232,651. OINTMENTS FOR SKIN DISEASES. B. W. O'CONNELL & COMPANY, Minneapolis, Minn.
Filed May 14, 1927. Serial No. 249,017. PUBLISHED JULY 5, 1927. Class 6.
- 232,652. PREPARATION FOR SCOURING VEGETABLE TEXTILE MATERIALS. H. & B. TEXTILE CHEMICAL CORPORATION, New York, N. Y.
Filed May 18, 1927. Serial No. 249,168. PUBLISHED JULY 5, 1927. Class 6.
- 232,653. HOP-FLAVORED MALT SIRUP. BRODIE'S, INC., Seattle, Wash.
Filed May 25, 1927. Serial No. 249,509. PUBLISHED JULY 5, 1927. Class 48.
- 232,654. NONALCOHOLIC, MALTLESS, NONCEREAL BEVERAGE AND SIRUPS FOR MAKING THE SAME. HARRY PAPPAS, Chicago, Ill.
Filed May 24, 1927. Serial No. 249,487. PUBLISHED JULY 5, 1927. Class 45.
- 232,655. PERSPIRATION DEODORANT. JOHN G. PURPLE, doing business as As-roses Mfg. Co., Minneapolis, Minn.
Filed May 23, 1927. Serial No. 249,438. PUBLISHED JUNE 28, 1927. Class 6.

- 232,656. MEDICINE OR A PHARMACEUTICAL PREPARATION (A COLLOIDAL BISMUTH WHICH IS USED IN THE TREATMENT OF SYPHILIS). ELI LILLY AND COMPANY, Indianapolis, Ind.
Filed May 20, 1927. Serial No. 249,279. PUBLISHED JUNE 28, 1927. Class 6.
- 232,657. SASH BALANCES. FRANK GRAYES SASH, Door & Mill Co., Los Angeles, Calif.
Filed May 16, 1927. Serial No. 249,054. PUBLISHED JULY 5, 1927. Class 13.
- 232,658. CORRUGATED AND SOLID FIBER-BOARD CARTONS. INTERSTATE CORRUGATED BOX CO., INC., Brooklyn, N. Y.
Filed May 5, 1927. Serial No. 248,495. PUBLISHED JULY 5, 1927. Class 2.
- 232,659. ESPECIALLY CONSTRUCTED AND DESIGNED DENTAL PAD OR POULTICE FOR INFLAMMATORY, ABSCESED, OR LACERATED CONDITION OF THE GUMS, TEETH, OR OTHER PORTIONS OF THE MOUTH. THE CAPSI-PAD CO., West New York, N. Y.
Filed May 3, 1927. Serial No. 248,345. PUBLISHED JUNE 28, 1927. Class 6.
- 232,660. LUBRICATING OILS. PIERCE PETROLEUM CORPORATION, Wilmington, Del., and St. Louis, Mo.
Filed May 2, 1927. Serial No. 248,321. PUBLISHED JUNE 28, 1927. Class 15.
- 232,661. CORRUGATED AND SOLID FIBER-BOARD CARTONS. INTERSTATE CORRUGATED BOX CO., INC., Brooklyn, N. Y.
Filed May 5, 1927. Serial No. 248,496. PUBLISHED JULY 5, 1927. Class 2.
- 232,662. CORRUGATED AND SOLID FIBER-BOARD CARTONS. INTERSTATE CORRUGATED BOX CO., INC., Brooklyn, N. Y.
Filed May 5, 1927. Serial No. 248,497. PUBLISHED JULY 5, 1927. Class 2.
- 232,663. COAL-BURNING FURNACES. NEW HOLLAND MACHINE CO., New Holland, Pa.
Filed May 5, 1927. Serial No. 248,511. PUBLISHED JULY 5, 1927. Class 34.
- 232,664. WOMEN'S LEATHER SHOES. RICHARD J. ROCHE, Haverhill, Mass.
Filed May 5, 1927. Serial No. 248,517. PUBLISHED JUNE 21, 1927. Class 39.
- 232,665. CLOTH BAGS. THE ALBERT DICKINSON COMPANY, Chicago, Ill.
Filed May 9, 1927. Serial No. 248,665. PUBLISHED JULY 5, 1927. Class 2.
- 232,666. TONIC AND LAXATIVE. BURNES S. WARREN, Doing business as B. S. Warren, Druggist, Greenville, N. C.
Filed May 12, 1927. Serial No. 248,944. PUBLISHED JUNE 28, 1927. Class 6.
- 232,667. ARCTICS. BEACON FALLS RUBBER SHOE CO., Beacon Falls, Conn.
Filed May 13, 1927. Serial No. 248,952. PUBLISHED JUNE 28, 1927. Class 39.
- 232,668. FRESH CITROUS FRUIT. ORANGE MUTUAL CITRUS ASSOCIATION, Orange, Calif.
Filed May 25, 1927. Serial No. 249,533. PUBLISHED JULY 5, 1927. Class 46.
- 232,669. EXTRACT OR SIRUP OF MALT AND HOPS. READING MALT & HOPS CO., Reading, Pa.
Filed May 25, 1927. Serial No. 249,540. PUBLISHED JULY 5, 1927. Class 48.
- 232,670. FRESH DECIDUOUS FRUITS AND FRESH GRAPES. VACAVILLE FRUIT GROWERS ASSOCIATION, Vacaville, Calif.
Filed May 25, 1927. Serial No. 249,558. PUBLISHED JULY 5, 1927. Class 46.
- 232,671. WOMEN'S, MISSES', and CHILDREN'S HATS. LA FRANCE HAT CO., INC., New York, N. Y.
Filed April 26, 1927. Serial No. 248,004. PUBLISHED JUNE 14, 1927. Class 39.

- 232,672. CURED FISH—NAMESLY, DRIED AND SALTED CODFISH. GORTON-PEW FISHERIES COMPANY, LTD., Gloucester, Mass.
Filed April 26, 1927. Serial No. 247,996. PUBLISHED JULY 5, 1927. Class 46.
- 232,673. DRIED AND SALTED CODFISH. GORTON-PEW FISHERIES COMPANY, LTD., Gloucester, Mass.
Filed April 26, 1927. Serial No. 247,995. PUBLISHED JULY 5, 1927. Class 46.
- 232,674. COTTON PIECE GOODS. NASHUA MANUFACTURING COMPANY, Nashua, N. H.
Filed April 26, 1927. Serial No. 248,012. PUBLISHED JULY 5, 1927. Class 42.
- 232,675. CHOCOLATE MILK POWDER TO BE USED FOR FOOD PURPOSES OR FOR MAKING CHOCOLATE MILK BEVERAGES. WILBERT A. HEYMAN, New York, N. Y.
Filed April 27, 1927. Serial No. 248,041. PUBLISHED JUNE 28, 1927. Class 46.
- 232,676. SHOE LACES. GRIGGS, COOPER & COMPANY, St. Paul, Minn.
Filed May 19, 1926. Serial No. 231,858. PUBLISHED JUNE 14, 1927. Class 40.
- 232,677. WIRE ROPE. AMERICAN CABLE COMPANY, INC., Wilmington, Del., and New York, N. Y.
Filed May 24, 1926. Serial No. 232,112. PUBLISHED JULY 5, 1927. Class 7.
- 232,678. RAW POP CORN. THE CRACKER JACK CO., Chicago, Ill.
Filed June 7, 1926. Serial No. 232,814. PUBLISHED JULY 5, 1927. Class 46.
- 232,679. MUSTARD, SWEET PICKLE RELISH, RELISH SALAD COMPOSED OF SWEET PICKLE RELISH AND MAYONNAISE DRESSING, CHUTNEY SAUCE, MAPLE SIRUP, PURE AND BLENDED; HONEY, CATCHUP, SALAD DRESSINGS, HORSE-RADISH, FOOD-FLAVORING EXTRACTS, AND MINCEMEAT. BENJAMIN-HARTOON COMPANY, Wayne, Mich.
Filed June 12, 1926. Serial No. 233,100. PUBLISHED JUNE 28, 1927. Class 46.
- 232,680. SHOES MADE OF LEATHER, CLOTH, CANVAS, OR COMBINATIONS THEREOF. CENTRAL SHOE COMPANY, St. Louis, Mo.
Filed June 12, 1926. Serial No. 233,103. PUBLISHED JUNE 21, 1927. Class 39.
- 232,681. SPECIAL DRY MILK FOR BABIES, INVALIDS, CHILDREN, AND PEOPLE OF ALL AGES. MAMMALA CORPORATION, New York, N. Y.
Filed June 14, 1926. Serial No. 233,210. PUBLISHED JUNE 28, 1927. Class 46.
- 232,682. BULGARIAN BUTTERMILK. A. M. DEUTSCH, Manitou, Colo.
Filed June 24, 1926. Serial No. 233,672. PUBLISHED JUNE 28, 1927. Class 46.
- 232,683. CANNED FRUITS. GRECO CANNING COMPANY, INC., San Jose, Calif.
Filed July 27, 1926. Serial No. 235,209. PUBLISHED JUNE 28, 1927. Class 46.
- 232,684. CANNED FRUITS. GRECO CANNING COMPANY, INC., San Jose, Calif.
Filed July 27, 1926. Serial No. 235,210. PUBLISHED JUNE 28, 1927. Class 46.
- 232,685. CANNED FRUITS. GRECO CANNING COMPANY, INC., San Jose, Calif.
Filed July 27, 1926. Serial No. 235,212. PUBLISHED JUNE 28, 1927. Class 46.
- 232,686. MEN'S TOPCOATS, OVERCOATS, AND THREE AND FOUR PIECE SUITS. THE AMERICAN RETAIL STORES CO., Columbus, Ohio, and Indianapolis, Ind.
Filed August 2, 1926. Serial No. 235,447. PUBLISHED JUNE 14, 1927. Class 39.

- 232,687. TABLE SAUCE OR DRESSING USED FOR MEATS, GRAVIES, SOUPS, GAME, ETC. THEONETT & CO., Chicago, Ill.
Filed August 3, 1926. Serial No. 235,535. PUBLISHED JUNE 28, 1927. Class 46.
- 232,688. SECOND-HAND BUICK AUTOMOBILES REPAIRED, REFINISHED, AND RESTORED TO SUBSTANTIALLY THEIR INITIAL CONDITION. HOWARD AUTOMOBILE COMPANY, San Francisco, Calif., assignor to General Motors Corporation, Detroit, Mich., a Corporation of Delaware.
Filed August 16, 1926. Serial No. 236,037. PUBLISHED JULY 5, 1927. Class 19.
- 232,689. MOLASSES. OELERICH & BERRY COMPANY, Chicago, Ill.
Filed August 21, 1926. Serial No. 236,282. PUBLISHED JUNE 28, 1927. Class 46.
- 232,690. LAXATIVE CHEWING GUM. E-Z HEALTH LABORATORIES, Beech Creek, Pa.
Filed August 31, 1926. Serial No. 236,677. PUBLISHED JUNE 28, 1927. Class 6.
- 232,691. NONALCOHOLIC, NONCEREAL, MALTLESS BEVERAGES SOLD AS SOFT DRINKS AND SIRUPS FOR MAKING THE SAME. EDWARD A. ROEBKE, New York, N. Y.
Filed September 1, 1926. Serial No. 236,773. PUBLISHED JULY 5, 1927. Class 45.
- 232,692. VANISHING CREAM. MIOWN CREME CO., Los Angeles, Calif.
Filed October 9, 1926. Serial No. 238,884. PUBLISHED APRIL 26, 1927. Class 6.
- 232,693. MEDICINAL TONIC—NAMESLY, FOR DYSPEPSIA, SOUR STOMACH, INDIGESTION, LOSS OF APPETITE, LACK OF ENERGY, MALARIA, IMPURE BLOOD, AN ANEMIC CONDITION, AND RHEUMATISM. PEOPLES DRUG STORES, INC., doing business as Krows Tonic Company, Washington, D. C.
Filed December 4, 1926. Serial No. 240,996. PUBLISHED JULY 5, 1927. Class 6.
- 232,694. WATER SOFTENER. HIRCO, INC., Massillon, Ohio.
Filed January 26, 1927. Serial No. 243,369. PUBLISHED JULY 5, 1927. Class 6.
- 232,695. DENTAL CREAM AND DENTAL WASH. THE STERELLO COMPANY, New Orleans, La.
Filed January 27, 1927. Serial No. 243,461. PUBLISHED JULY 5, 1927. Class 6.
- 232,696. MAILING ENVELOPES. TRANSO ENVELOPE COMPANY, Chicago, Ill.
Filed February 20, 1926. Serial No. 227,609. PUBLISHED DECEMBER 28, 1926. Class 37.
- 232,697. STRAW HATS FOR MEN. ENDEL & PELES STRAW HAT WORKS, INC., Beacon and New York, N. Y.
Filed March 17, 1926. Serial No. 228,746. PUBLISHED JUNE 14, 1927. Class 39.
- 232,698. MEN'S AND YOUTHS' OVERCOATS, COATS, SUITS, RAINCOATS, WATER PROOF COATS, AND STORM COATS. ROBERTS-WICKS COMPANY, Utica, N. Y.
Filed April 19, 1926. Serial No. 230,416. PUBLISHED JUNE 14, 1927. Class 39.
- 232,699. HOODS OF WOOL, STRAW, HEMP, HORSE-HAIR, CRINOL, ARTIFICIAL SILK, COTTON, VISCA, CELLULOSE, AND PAPER FOR THE MANUFACTURE OF HATS FOR WOMEN. HARRY GRIST COMPANY, INC., New York, N. Y.
Filed April 24, 1926. Serial No. 230,667. PUBLISHED JUNE 14, 1927. Class 39.

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- 232,700. CANNED FRUITS, DRIED FRUITS, CANNED NUTS, CRACKERS, SALTED NUTS, NUTS IN THEIR NATURAL STATE, AND FRESH FRUITS—NAMESLY, ORANGES, GRAPEFRUIT, LEMONS, APPLES, BANANAS, GRAPES, PLUMS, PEARS, STRAWBERRIES, AND BLACKBERRIES. H. HICKS & SON, INC., New York, N. Y.
Filed May 1, 1926. Serial No. 230,997. PUBLISHED JUNE 28, 1927. Class 46.
- 232,701. OILS, GREASES, AND WAXES OF ALL KINDS AND SIMILAR PRODUCTS FOR LUBRICATING, ILLUMINATING, HEATING, AND FUEL PURPOSES. ALSO GASOLINE. VACUUM OIL COMPANY, New York, N. Y.
Filed April 1, 1927. Serial No. 246,790. PUBLISHED JULY 5, 1927. Class 15.
- 232,702. LUBRICATING OILS. ABRAHAM FROM, doing business as Allstates Oil & Supply Co., South Bend, Ind.
Filed April 7, 1927. Serial No. 247,073. PUBLISHED JULY 5, 1927. Class 15.
- 232,703. AUTOMOBILE FINISHING COMPOUND IN THE NATURE OF POLISH. SEWELL PAINT AND VARNISH COMPANY, Kansas City, Mo.
Filed April 7, 1927. Serial No. 247,103. PUBLISHED JULY 5, 1927. Class 16.
- 232,704. COTTON PIECE GOODS. CLARENCE WHITMAN & SONS, INC., New York, N. Y.
Filed May 28, 1927. Serial No. 249,761. PUBLISHED JULY 5, 1927. Class 42.
- 232,705. PERFUMES AND TOILET WATERS. CHAS. A. STEVENS & BROS., Chicago, Ill.
Filed May 28, 1927. Serial No. 249,758. PUBLISHED JULY 5, 1927. Class 6.
- 232,706. DEODORIZER AND MOTH REPELLENT. PURITAN CHEMICAL COMPANY, Atlanta, Ga.
Filed May 26, 1927. Serial No. 249,604. PUBLISHED JULY 5, 1927. Class 6.
- 232,707. SPRAYERS, SPRAY PUMPS, AND POWDER DUSTERS. D. B. SMITH & COMPANY, INC., Utica, N. Y.
Filed May 25, 1927. Serial No. 249,548. PUBLISHED JULY 5, 1927. Class 23.
- 232,708. MEDICINAL AQUEOUS SOLUTION OF SULPHUR FOR INTERNAL AND EXTERNAL USE FOR SKIN DISEASES, SORE THROAT, AND INFECTED TONSILS, NEURITIS, RHEUMATISM, SWOLLEN OR ACHING JOINTS, NERVOUS TROUBLES, AND GENERAL RUN-DOWN CONDITIONS. EFFIE T. JONES, San Pedro, Calif.
Filed May 25, 1927. Serial No. 249,527. PUBLISHED JULY 5, 1927. Class 6.
- 232,709. MEDICINE FOR DIABETES MELLITUS. ROLAND E. GASTON, New Kensington, Pa.
Filed May 23, 1927. Serial No. 249,413. PUBLISHED JULY 5, 1927. Class 6.
- 232,710. RAZORS AND SAFETY RAZORS. FRIEDR. HERDER ABT. SOHN, Solingen, Germany.
Filed May 23, 1927. Serial No. 249,411. PUBLISHED JULY 5, 1927. Class 28.
- 232,711. DRY AND READY-MIXED PAINTS, COLORS IN OIL, VARNISH STAIN, OIL STAIN, FLAT OIL PAINT, PREPARED SHELLAC READY FOR USE, WATER PUTTY, VARNISH REMOVER, LACQUERS, FLOOR ENAMELS, CONCRETE PAINT, GLOSS ENAMELS, SHINGLE STAIN, BARN PAINT, VARNISH, AUTO ENAMEL, WAGON PAINT, TOKOTE (A PASTE PAINT), PAINTER'S WALL SIZE, SCREEN ENAMEL, STOVEPIPE ENAMEL, LIQUID AND PASTE FILLERS, LIQUID AND PASTE WAX, AND DISTEMPER COLORS. SULLIVAN PAINT COMPANY, St. Louis, Mo.
Filed April 12, 1927. Serial No. 247,348. PUBLISHED JULY 5, 1927. Class 16.

232,712. PREPARATION FOR DESTROYING INSECTS AND VERMIN, BRONCHIAL TROCHES, COCONUT-OIL SHAMPOO, HEADACHE PELLETS, ETC. THE OWL DRUG COMPANY, San Francisco, Calif. Filed July 1, 1922. Serial No. 166,403. PUBLISHED FEBRUARY 19, 1924. Class 6.

232,713. SHAMPOO. ALFRED J. KRANK, St. Paul, Minn. Filed February 23, 1924. Serial No. 192,704. PUBLISHED APRIL 28, 1925. Class 6.

232,714. NONALCOHOLIC, MALTLESS FRUIT JUICES FOR BEVERAGE PURPOSES. CITRUS PRODUCTS CORPORATION, Los Angeles, Calif. Filed January 12, 1925. Serial No. 207,968. PUBLISHED JULY 5, 1927. Class 45.

232,715. CHILDREN'S HIGH AND LOW SHOES CONSTRUCTED OF LEATHER, FABRIC, AND COMBINATIONS OF LEATHER AND FABRIC. TRUITT BROTHERS INCORPORATED, Binghamton, N. Y. Filed January 22, 1925. Serial No. 208,495. PUBLISHED JUNE 28, 1927. Class 39.

232,716. STRINGS OF PEARLS AND REPRODUCTION OF PEARLS OR IMITATIONS THEREOF. L. HELLER & SON, INC., New York, N. Y. Filed December 26, 1924. Serial No. 207,241. PUBLISHED APRIL 27, 1926. Class 28.

232,717. BREAD. WILLIAM B. FINK, Washington, D. C. Filed February 27, 1925. Serial No. 210,227. PUBLISHED JUNE 28, 1927. Class 46.

232,718. GASOLINE, LUBRICATING OILS, AND LUBRICATING GREASES. W. J. RYAN CORPORATION, Oklahoma City, Okla. Filed March 30, 1925. Serial No. 211,870. PUBLISHED OCTOBER 6, 1925. Class 15.

232,719. AERIALS FOR RADIO RECEIVING SETS. THE SCOTT AND FETZER COMPANY, Cleveland, Ohio. Filed April 16, 1925. Serial No. 212,832. PUBLISHED JUNE 28, 1927. Class 21.

232,720. REMEDY OR SPECIFIC INTENDED FOR THE ELIMINATION OF URIC ACID, BLOOD, KIDNEY, OR BOWEL AILMENTS. RALPH WALDO CARROLL, doing business as Curat Company of America, Bowling Green, Ky. Filed May 7, 1925. Serial No. 213,953. PUBLISHED JANUARY 12, 1926. Class 6.

232,721. SPECIAL TRIANGULAR-POINTED NON-SPLITTING NAILS. STROWAN CORPORATION, New York, N. Y. Filed September 14, 1925. Serial No. 220,259. PUBLISHED JULY 5, 1927. Class 13.

232,722. WOMEN'S DRESSES AND WRAPS. B. ALTMAN & CO., New York, N. Y. Filed October 14, 1925. Serial No. 221,687. PUBLISHED JUNE 21, 1927. Class 39.

232,723. [WITHDRAWN.]

232,724. WHEAT FLOUR. THE SOUTHWESTERN MILLING CO. INC., New York, N. Y. Filed January 4, 1926. Serial No. 225,492. PUBLISHED JUNE 28, 1927. Class 46.

232,725. BOOTS AND SHOES OF RUBBER AND FABRIC. FIRESTONE-APLEY RUBBER COMPANY, Hudson, Mass. Filed February 5, 1926. Serial No. 226,894. PUBLISHED JUNE 14, 1927. Class 39.

232,726. SIRUPS, FRUIT EXTRACTS, FRUIT JUICES, AND EDIBLE ANIMAL EXTRACTS FOR FOOD PURPOSES, FRUIT AND VEGETABLE FLAVORING EXTRACTS FOR FOOD PURPOSES, CRUSHED PRESERVED FRUITS FOR FOOD PURPOSES IN LIQUID AND SEMISOLID FORM; NUT MEATS, CANDIED, SALTED, DRIED IN THEIR NATURAL STATE: TEA, COFFEE, COCOA, CHOCOLATE, GELATIN, AND MALT EXTRACT FOR FOOD PURPOSES, MALTED MILK, GUM ARABIC, AND GUM KARAYA FOR FOOD PURPOSES, CANDY, SUGAR, AND FUDGES. SODA LUNCH EQUIPMENT CO., INC., New York, N. Y. Filed February 16, 1926. Serial No. 227,373. PUBLISHED JULY 20, 1926. Class 46.

232,727. PIANOS AND PLAYER PIANOS. BEHR BROS. Co. INC., New York, N. Y. Filed May 6, 1926. Serial No. 231,180. PUBLISHED JULY 5, 1927. Class 36.

232,728. MEDICINAL PREPARATION—NAMESLY, A DIURETIC STIMULANT FOR THE KIDNEYS. THE DR. J. H. MCLEAN MEDICINE CO., St. Louis, Mo. Filed June 9, 1926. Serial No. 232,931. PUBLISHED JULY 5, 1927. Class 6.

232,729. PREPARATIONS USED IN DRESSING THE HAIR. FREDMAN-CRAMER COMPANY, Kansas City, Mo. Filed June 21, 1926. Serial No. 233,539. PUBLISHED JULY 5, 1927. Class 6.

232,730. RUBBER TIRES FOR VEHICLES, BICYCLES, AND AUTOMOBILES, BOTH SOLID AND PNEUMATIC; INNER TUBES FOR PNEUMATIC TIRES, PLASTERS AND PATCHES THEREFOR, TIRE COVERS, AND TIRE BOOTS. CHICAGO MAIL ORDER COMPANY, Chicago, Ill. Filed July 26, 1926. Serial No. 235,110. PUBLISHED JULY 5, 1927. Class 35.

232,731. PILLOWS AND MATTRESSES. SUNSET FEATHER COMPANY, San Francisco, Calif. Filed October 9, 1926. Serial No. 238,409. PUBLISHED JULY 5, 1927. Class 32.

232,732. HEAVY HARDWARE—NAMESLY, TACKLE AND HOISTING BLOCKS AND SHEAVES. BOSTON & LOCKPORT BLOCK COMPANY, East Boston, Mass. Filed October 14, 1926. Serial No. 238,567. PUBLISHED JULY 5, 1927. Class 23.

232,733. ADZES, AXES, BUSH HOOKS, GRASS HOOKS, GRUB HOES, HAMMERS, HATCHETS, MACHETES, MATTOCKS, PICKS, AND SCYTHES. KELLY AXE & TOOL CO., INC., Charleston, W. Va. Filed November 16, 1926. Serial No. 240,142. PUBLISHED JULY 5, 1927. Class 23.

232,734. PERFUMES AND TOILET ARTICLES—NAMESLY, TOILET WATERS, FACE POWDERS, BATH POWDERS, LIP STICKS, ROUGE, COM-PACTS, AND NAIL PREPARATIONS FOR MANICURING PURPOSES. NEWMAN-MARCUS COMPANY, Dallas, Tex. Filed December 7, 1926. Serial No. 241,115. PUBLISHED JULY 5, 1927. Class 6.

232,735. TABLE SALT. LESLIE-CALIFORNIA SALT CO., San Francisco, Calif. Filed December 27, 1926. Serial No. 242,011. PUBLISHED JULY 5, 1927. Class 6.

232,736. A THROAT AND NASAL SPRAY. FREDERICK W. MITCHELL, M. D., Cleveland, Ohio. Filed December 29, 1926. Serial No. 242,138. PUBLISHED JULY 5, 1927. Class 6.

232,737. CHILDREN'S LINEN DRESSES, COTTON DRESSES, LINEN ROMPERS, LADIES' LINEN DRESSES, ETC. THE ISABELL-KENT-OAKES DRY GOODS COMPANY, Denver, Colo. Filed January 7, 1927. Serial No. 242,483. PUBLISHED JUNE 28, 1927. Class 39.

232,738. LEATHER SHOES FOR MEN AND WOMEN. THE HARPER & KIRSCHTEN SHOE CO., Chicago, Ill. Filed February 10, 1927. Serial No. 244,154. PUBLISHED JUNE 21, 1927. Class 39.

232,739. SUITS, COATS, AND DRESSES FOR LADIES AND MISSES. JAUNTY GARMENT CO. INC., New York, N. Y. Filed March 2, 1927. Serial No. 245,096. PUBLISHED JUNE 14, 1927. Class 39.

232,740. MOUTH WASH, CATARRHAL CREAM, HEALING LIQUID, EYE WASH, LINIMENT, EXPECTORANT, QUININE HAIR TONIC, AND CORN RELIEF, THROAT RELIEF PREPARATION. FRANK GARPINKEL, doing business as Garfo Chemical Co., New York, N. Y. Filed March 7, 1927. Serial No. 245,347. PUBLISHED JULY 5, 1927. Class 6.

232,741. MACHINES FOR MOISTENING, SERVING, OR APPLYING ADHESIVE OR GUMMED TAPE, LABELS, AND THE LIKE STRIP MATERIAL AND PACKAGE SEALING OR LABELING MACHINES AND DEVICES UTILIZING ADHESIVE OR GUMMED STRIP MATERIAL. NASHUA PACKAGE SEALING CO. INC., Nashua, N. H. Filed March 7, 1927. Serial No. 245,365. PUBLISHED JULY 5, 1927. Class 23.

232,742. HAIRDRESSING AND FACE CREAM. LEWIS WHAYES, Washington, D. C. Filed March 16, 1927. Serial No. 245,876. PUBLISHED JULY 5, 1927. Class 6.

232,743. CERTAIN NAMED JEWELRY AND NOVELTIES. STEIN & ELLBOGEN COMPANY, Chicago, Ill. Filed March 28, 1927. Serial No. 246,510. PUBLISHED JULY 5, 1927. Class 28.

232,744. WHITING. AALBORG PORTLAND-CEMENT-FABRIK, Aalborg, Denmark. Filed April 9, 1927. Serial No. 247,155. PUBLISHED JULY 5, 1927. Class 16.

232,745. TAPESTRY AND WALL DRAPES, CURTAINS, AND PORTIERES, THE SAME BEING COMPOSED OF COTTON, SILK, WOOL, LACE, AND COMBINATIONS THEREOF, AND LACES AND EMBROIDERY IN THE PIECE. S. BLECHMAN & SONS, INC., New York, N. Y. Filed April 11, 1927. Serial No. 247,255. PUBLISHED JULY 5, 1927. Class 42.

232,746. MEDICAL BATH LIQUID TO BE PUT INTO THE BATH WATER FOR THE RELIEF OF NERVOUS AND RHEUMATIC AILMENTS. ADOLPH FREUND, doing business as Vitapine Co., Woodside, N. Y. Filed April 16, 1927. Serial No. 247,534. PUBLISHED JULY 5, 1927. Class 6.

232,747. SANITARY BELTS. OLMSTEAD CORPORATION, Springfield, Mass. Filed April 16, 1927. Serial No. 247,561. PUBLISHED JULY 5, 1927. Class 44.

232,748. WEDDING RINGS. INTERSTATE SMELTING & REFINING CO. INC., Newark, N. J. Filed April 21, 1927. Serial No. 247,795. PUBLISHED JULY 5, 1927. Class 28.

232,749. LATHES. THE SIDNEY-MACHINE TOOL COMPANY, Sidney, Ohio. Filed April 21, 1927. Serial No. 247,827. PUBLISHED JULY 5, 1927. Class 23.

232,750. TONIC USED AS A LAXATIVE, SYSTEM BUILDER, AND BLOOD PURIFIER. BERT MENACHOF, doing business as Stanford Laboratories, Cincinnati, Ohio. Filed May 11, 1927. Serial No. 248,854. PUBLISHED JULY 5, 1927. Class 6.

232,751. PUMPS. THE DAYTON PUMP & MANUFACTURING COMPANY, Dayton, Ohio. Filed May 11, 1927. Serial No. 248,814. PUBLISHED JULY 5, 1927. Class 23.

232,752. NECKLACES, BROOCHES, BRACELETS, FINGER RINGS, EARRINGS, BAR PINS, AND FOR VANITY CASES MADE OF OR PLATED WITH PRECIOUS METAL. COHN & ROSENBERGER, INC., New York, N. Y. Filed April 23, 1927. Serial No. 247,888. PUBLISHED JULY 5, 1927. Class 28.

232,753. FACE POWDERS, FACE CREAMS, FACE PACKS, TOILET WATERS, ROUGES, LIP STICKS, EYEBROW PENCILS, PERFUMES, HAIR TONICS, HAIR OILS, DENTIFRICES, TOOTH POWDERS, NAIL POLISHES, DEODORIZING PREPARATIONS, FOOT POWDERS, BATH SALTS, SMELLING SALTS, INCENSE, TALCUM POWDERS, AND SACHETS. THE ALLIANCE ART PRODUCTS COMPANY, Alliance, Ohio. Filed April 27, 1927. Serial No. 248,025. PUBLISHED JUNE 21, 1927. Class 6.

232,754. ADDING MACHINES. VICTOR ADDING MACHINE COMPANY, Chicago, Ill. Filed May 2, 1927. Serial No. 248,333. PUBLISHED JULY 5, 1927. Class 26.

232,755. CABINETS FOR RADIO, PHONOGRAPH, COMBINATIONS OF RADIO AND PHONOGRAPH. LANDAY BROS., INC., New York, N. Y. Filed May 6, 1927. Serial No. 248,578. PUBLISHED JULY 5, 1927. Class 32.

232,756. A MEDICINAL PREPARATION FOR TREATING COUGHS, COLDS, AND BRONCHITIS; A MEDICINAL PREPARATION FOR TREATING CONSTIPATION, SLUGGISH BOWELS, AND REGULATING THE LIVER; AND A GENERAL TONIC AND BLOOD PURIFIER. DAVID KASTEN, Yonkers, N. Y. Filed May 9, 1927. Serial No. 248,700. PUBLISHED JULY 5, 1927. Class 6.

232,757. STEEL CASTINGS. BIRDSBORO STEEL FOUNDRY AND MACHINE COMPANY, Birdsboro, Pa. Filed May 11, 1927. Serial No. 248,808. PUBLISHED JULY 5, 1927. Class 14.

232,758. A COAL-TAR DERIVATIVE USED FOR PREVENTING MARK-OFFS OR BLEEDING OF DYES DURING TEXTILE BLEACHING. ROHM & HAAS COMPANY, Philadelphia, Pa. Filed April 15, 1927. Serial No. 247,511. PUBLISHED JULY 5, 1927. Class 6.

232,759. CELLULOSE-ESTER LACQUERS. ROHM & HAAS COMPANY, Philadelphia, Pa. Filed April 15, 1927. Serial No. 247,512. PUBLISHED JULY 5, 1927. Class 16.

232,760. IMITATION CANDY. JACOB E. NATHANSON, Boston, Mass. Filed May 27, 1927. Serial No. 249,672. PUBLISHED JULY 5, 1927. Class 22.

232,761. CANDY BAR. THE SHOTWELL MFG. CO., Chicago, Ill. Filed May 27, 1927. Serial No. 249,679. PUBLISHED JULY 5, 1927. Class 46.

232,762. SPRING WATER. WILLIAM SINAICO, doing business as Silver Springs Water Company, Madison, Wis. Filed May 27, 1927. Serial No. 249,680. PUBLISHED JULY 5, 1927. Class 45.

232,763. PILE FABRICS. MERRIMACK MANUFACTURING COMPANY, Lowell, Mass. Filed May 28, 1927. Serial No. 249,738. PUBLISHED JULY 5, 1927. Class 42.

232,764. PILE FABRICS. MERRIMACK MANUFACTURING COMPANY, Lowell, Mass. Filed May 28, 1927. Serial No. 249,739. PUBLISHED JULY 5, 1927. Class 42.

232,765. MALT SIRUP. CARR AND CRAIG, Baltimore, Md. Filed May 31, 1927. Serial No. 249,779. PUBLISHED JULY 5, 1927. Class 48.

232,766. CANDY. QUEEN ANNE CANDY COMPANY, INC., Seattle, Wash. Filed May 31, 1927. Serial No. 249,807. PUBLISHED JULY 5, 1927. Class 46.

232,767. MOTH CRYSTALS FOR A DEATH MIST FOR KILLING FLIES, MOTHS, ROACHES, BEDBUGS, ANTS, AND MOSQUITOES AND FOR A BUG SPRAY. CHARLES A. BEUTELL, doing business as Service Laboratories, Omaha, Nebr. Filed June 1, 1927. Serial No. 249,833. PUBLISHED JULY 5, 1927. Class 6.

232,768. RADIO RECEIVING APPARATUS—NAMESLY, SOUND AMPLIFIERS AND LOUD SPEAKERS. THE PAL RADIO COMPANY, INC., Jersey City, N. J. Filed October 12, 1926. Serial No. 238,520. PUBLISHED JULY 5, 1927. Class 21.

- 232,769. LOUD SPEAKERS FOR RADIO RECEIVING APPARATUS. STEWART-WARNER SPENDOMETER CORPORATION, Chicago, Ill.
Filed January 3, 1927. Serial No. 242,317. PUBLISHED JULY 5, 1927. Class 21.
- 232,770. BOWS FOR STRINGED INSTRUMENTS. CARL FISCHER INC., New York, N. Y.
Filed January 12, 1927. Serial No. 242,718. PUBLISHED JULY 5, 1927. Class 36.
- 232,771. WATCHES, WATCHCASES, AND WATCH MOVEMENTS. KATZ & OGUSHI, INC., New York, N. Y.
Filed February 9, 1927. Serial No. 244,080. PUBLISHED JULY 5, 1927. Class 27.
- 232,772. RADIO LOUD SPEAKERS. REUBEN H. A. ENGLUND, Kent, Wash.
Filed February 16, 1927. Serial No. 244,436. PUBLISHED JULY 5, 1927. Class 21.
- 232,773. REEDS FOR METAL WIND INSTRUMENTS. CARL FISCHER, INC., New York, N. Y.
Filed March 14, 1927. Serial No. 245,703. PUBLISHED JULY 5, 1927. Class 36.
- 232,774. WATCHES. GOLDSMITH, STERN & COMPANY, New York, N. Y.
Filed March 17, 1927. Serial No. 245,902. PUBLISHED JULY 5, 1927. Class 27.
- 232,775. VACUUM TUBES AND VALVES. RADIO CORPORATION OF AMERICA, New York, N. Y.
Filed April 1, 1927. Serial No. 246,773. PUBLISHED JULY 5, 1927. Class 21.
- 232,776. RESIDENTIAL AND COMMERCIAL LIGHTING FIXTURES FOR ELECTRIC LIGHTING. MATTHEWS ELECTRIC SUPPLY CO. INC., Birmingham, Ala.
Filed April 11, 1927. Serial No. 247,275. PUBLISHED JULY 5, 1927. Class 21.
- 232,777. NECKLACES, BROOCHES, BRACELETS, FINGER RINGS, EARRINGS, BAR PINS, AND FOR VANITY CASES MADE OF OR PLATED WITH PRECIOUS METAL. COHN & ROSENBERGER, INC., New York, N. Y.
Filed April 23, 1927. Serial No. 247,839. PUBLISHED JULY 5, 1927. Class 28.
- 232,778. ELECTRIC STOVES AND RANGES. CHARTER OAK STOVE & RANGE COMPANY, St. Louis, Mo.
Filed April 30, 1927. Serial No. 248,219. PUBLISHED JULY 5, 1927. Class 21.
- 232,779. LAVATORY DRYING APPARATUS OF THE ELECTRICALLY-ACTUATED TYPE. CHICAGO HARDWARE FOUNDRY COMPANY, North Chicago, Ill.
Filed May 3, 1927. Serial No. 248,346. PUBLISHED JULY 5, 1927. Class 21.
- 232,780. WATCHES, WATCHCASES, AND WATCH MOVEMENTS. KATZ & OGUSHI, INC., New York, N. Y.
Filed May 6, 1927. Serial No. 248,574. PUBLISHED JULY 5, 1927. Class 27.

[ACT OF MARCH 19, 1920, SEC. 1 (b)].

THESE REGISTRATIONS ARE NOT SUBJECT TO OPPOSITION.

- 232,783. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) JAMES AND E. S. SPEED, Taylorsville, Ky.
Filed Apr. 19, 1927. Serial No. 247,712.

FARMINGTON

Particular description of goods.—Smoked Hams.
Claims use since July 1, 1925.

- 232,781. ELECTRIC PICK-UPS USED IN CONNECTION WITH ELECTRIC SOUND-REPRODUCING MACHINES. ADAMS-SIBLEY DEVELOPMENT CORPORATION, New York, N. Y.
Filed May 9, 1927. Serial No. 248,662. PUBLISHED JULY 5, 1927. Class 36.
- 232,782. RADIO RECEIVING SETS AND PARTS THEREOF. GRIMES RADIO ENGINEERING CO., INC., Grassmere, Staten Island, N. Y.
Filed May 12, 1927. Serial No. 248,808. PUBLISHED JULY 5, 1927. Class 21.
- 232,783. RADIO RECEIVING SETS AND PARTS THEREOF. NEUTROWOUND RADIO MFG. CO., Homewood, Ill.
Filed May 13, 1927. Serial No. 248,967. PUBLISHED JULY 5, 1927. Class 21.
- 232,784. ELECTRIC WATER HEATERS. RED SPOT ELECTRIC CO., INC., Tacoma, Wash.
Filed May 14, 1927. Serial No. 249,021. PUBLISHED JULY 5, 1927. Class 21.
- 232,785. DENTIFRICES. SOCIÉTÉ ANONYME LES DENTIFRICES DU DOCTEUR PIERRE, Nanterre, France.
Filed May 21, 1927. Serial No. 249,383. PUBLISHED JULY 5, 1927. Class 6.
- 232,786. WATER SOFTENER FOR TEXTILE FINISHES. H. & B. TEXTILE CHEMICAL CORP., New York, N. Y.
Filed May 18, 1927. Serial No. 249,169. PUBLISHED JULY 5, 1927. Class 6.
- 232,787. COUGH MEDICINE. ESCA PHARMACEUTICAL LABORATORIES, New York, N. Y.
Filed May 26, 1927. Serial No. 249,578. PUBLISHED JULY 5, 1927. Class 6.
- 232,788. MEDICINAL PREPARATION PARTICULARLY FOR PURIFYING THE BLOOD. DANIEL MATTHEWS, Newark, N. J.
Filed May 26, 1927. Serial No. 249,597. PUBLISHED JULY 5, 1927. Class 6.
- 232,789. OIL USED FOR TREATING THE SCALP. CHARLES ARNAO COMPANY, INC., Minneapolis, Minn.
Filed May 27, 1927. Serial No. 249,633. PUBLISHED JULY 5, 1927. Class 6.
- 232,790. WOOLEN PIECE GOODS. FORSTMANN & HUFFMANN COMPANY, Passaic, N. J.
Filed May 27, 1927. Serial No. 249,654. PUBLISHED JULY 5, 1927. Class 42.
- 232,791. GINGER ALE AND NONALCOHOLIC, MALT-LESS BEVERAGES SOLD AS SOFT DRINKS. JOHN GRAF COMPANY, Milwaukee, Wis.
Filed May 21, 1927. Serial No. 249,667. PUBLISHED JULY 5, 1927. Class 45.
- 232,792. SILK PIECE GOODS AND LACE FABRICS. ALFRED KOHLBERG, INC., New York, N. Y.
Filed May 27, 1927. Serial No. 249,663. PUBLISHED JULY 5, 1927. Class 42.

BETTER BELTING

Particular description of goods.—Leather Belting.
Claims use since July, 1926.

- 232,795. (CLASS 37. PAPER AND STATIONERY.) FRANK P. PREISSE, JR., doing business as F. P. Preisse Company, East St. Louis, Ill. Filed July 2, 1927. Serial No. 251,456.

CHESTERFIELD

Particular description of goods.—Pencils.
Claims use since Feb. 13, 1925.

- 232,796. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) ALEXANDER FINTA, doing business as Finta Studios, New York, N. Y. Filed Feb. 18, 1926. Serial No. 227,448.

FINTA

Particular description of goods.—Artistic Bronze Goods and Sculptures.
Claims use since Mar. 15, 1923.

- 232,797. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) MCCABE & SHEERAN MACHINERY CORPORATION, New York, N. Y. Filed Feb. 18, 1926. Serial No. 227,462.

MCCABE & SHEERAN

Particular description of goods.—Upright Boring Mills, Radial Drills, Upright Drills, Multiple Drills, Horizontal Boring and Drilling Machines, Shapers, Slotters, Planes, Lathes, Presses, Milling Machines, Gear Machinery, Grinders, Boller and Plate Shop Tools, Pipe and Bolt Machines, Sheet Metal Tools, Saws and Cutting-Off Machinery, Keyseaters, Woodworking Machinery, Blowers, Foundry Equipment, Conveying Apparatus such as Ingot Conveyers, Machines for Reclaiming Molding Sand, Sand Elevators or Conveyers, and Sand-Conveyor Equipment, Cranes, Oil Separators, Saw Sharpeners, Pneumatic Forging Hammers, Portable Hoists, Steam Hammers, Centering Machines, Bending Rolls, Shears, Hydraulic Riveters, and Pumps.

Claims use since about Feb. 1, 1922.

- 232,798. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS, NOT INCLUDING ELECTRICAL APPARATUS.) FRANK S. BLIVEN, doing business as The Better Homes Equipment Co., Baltimore, Md. Filed July 29, 1926. Serial No. 235,295.

OYL-FYR

Particular description of goods.—Oil-Burning Apparatus.
Claims use since Apr. 7, 1925.

- 232,799. (CLASS 39. CLOTHING.) MARSHALL FIELD & COMPANY, Chicago, Ill. Filed Sept. 7, 1926. Serial No. 236,926.

No Rip GOLD STITCH

Particular description of goods.—Men's, Women's, and Children's Athletic Underwear of Textile Fabric Made of Nainsook, Madras, and All Cotton and Silk and Cotton Fabrics.

Claims use since July 22, 1926.

- 232,800. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) HERPOLSHIMER COMPANY, Grand Rapids, Mich. Filed Sept. 16, 1926. Serial No. 237,322.



Particular description of goods.—Sheets and Pillowcases.
Claims use since Aug. 1, 1926.

- 232,801. (CLASS 29. BROOMS, BRUSHES, AND DUSTERS.) NATHAN T. JACKSON, New York, N. Y. Filed Sept. 17, 1926. Serial No. 237,372.

No Scratch

Particular description of goods.—Wiping Cloths.
Claims use since Aug. 1, 1926.

- 232,802. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) CO-OPERATIVE LETTUCE & CAULIFLOWER ASSN., Troutdale, Ore. Filed Oct. 16, 1926. Serial No. 238,706.

TROUTDALE

Particular description of goods.—Fresh Vegetables and Berries.
Claims use since Aug. 8, 1926.

232,803. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) THE ENTERPRISE MANUFACTURING COMPANY, Akron, Ohio. Filed Aug. 1, 1927. Serial No. 252,823.

OHIO

Particular description of goods.—Fishing Reels.
Claims use since July 23, 1926.

232,804. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) LOUIS MEYER CO., Brooklyn, N. Y. Filed June 8, 1927. Serial No. 250,183.

"For Good Eating"

Particular description of goods.—Imported Style Frankfurters, Frankfurter Style Sausage, Sliced Bacon, Sugar-Cured Bacon, Dry-Cured Breakfast Bacon, Smoked Ham, Boiled Ham, Roast Ham, and Square Style Bottled Ham.
Claims use since Feb. 4, 1924.

232,805. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) SHAKEPROOF LOCK WASHER COMPANY, Chicago, Ill. Filed Aug. 19, 1926. Serial No. 236,182.

SHAKEPROOF

Particular description of goods.—Lock Washers.
Claims use since Dec. 1, 1921.

232,806. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) EMMETT E. ROBINSON, Jacksonville, Fla. Filed Aug. 27, 1926. Serial No. 236,561.

TRADE NOTEAR MARK

Particular description of goods.—Textile Towels.
Claims use since Aug. 2, 1926.

232,807. (CLASS 17. TOBACCO PRODUCTS.) RICHARD E. WEATHERLY, Tampa, Fla. Filed Nov. 16, 1926. Serial No. 240,156.

FLORIDIAN

Particular description of goods.—Cigars.
Claims use since Aug. 4, 1926.

232,808. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) CALIFORNIA PEACH & FIG GROWERS ASSOCIATION, Fresno, Calif. Filed Dec. 11, 1926. Serial No. 241,318.

PRESSED PACK

Particular description of goods.—Dried Figs.
Claims use since Oct. 30, 1925.

232,809. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) J. CLAIR CANFIELD, doing business as Canfield Hatchery, Sidney, Ohio. Filed Jan. 26, 1927. Serial No. 243,347.



Particular description of goods.—Baby Chicks.
Claims use since on or about Feb. 22, 1923.

232,810. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) G. W. HUME COMPANY, San Francisco, Calif. Filed Feb. 9, 1927. Serial No. 244,076.

BRENTWOOD

Particular description of goods.—Canned Fruits and Vegetables.
Claims use since January, 1915.

232,811. (CLASS 39. CLOTHING.) R. H. MACY & CO., INC., New York, N. Y. Filed Mar. 14, 1927. Serial No. 245,736.

Saybrooke Shoes

Particular description of goods.—Men's Leather Shoes.
Claims use since Aug. 1, 1926.

232,812. (CLASS 10. FERTILIZERS.) BUHNER FERTILIZER COMPANY, Seymour, Ind. Filed June 6, 1927. Serial No. 250,062.


BUHNER'S

Particular description of goods.—Lawn and Crop Fertilizer.
Claims use since January, 1905.

232,813. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE BLOSSER CO., Atlanta, Ga. Filed June 20, 1927. Serial No. 250,785.

HUMOSANOS

REMEDIO DEL
DOCTEUR
BLOSSER



Particular description of goods.—Medicinal Smoking Preparations Free From Tobacco For Use in the Treatment of Colds and Catarrh.
Claims use since May, 1905.

232,814. (CLASS 32. FURNITURE AND UPHOLSTERY.) THE LEHMAN COMPANY OF AMERICA, INC., Cannelton, Ind. Filed June 28, 1927. Serial No. 251,230.

The Lehman Line

Particular description of goods.—High Chairs, Nursery Chairs, Rocking Chairs, Arm Chairs, Side Chairs, Settees, Bassinets, Children's Tables and Desks.
Claims use since Feb. 3, 1920.

232,815. (CLASS 39. CLOTHING.) WOOLF BROTHERS, INC., Kansas City, Mo. Filed July 8, 1927. Serial No. 251,701.

BEDFORD

Particular description of goods.—Men's and Boys' Textile Fabric Underwear.
Claims use since July 7, 1916.

232,816. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) LAMONT, CORLISS & COMPANY, New York, N. Y. Filed July 12, 1927. Serial No. 251,912.

PETER'S

Particular description of goods.—Cocoa, Milk Cocoa, Chocolate Coatings, Sweet Milk Chocolate, and Sweet Milk Chocolate with Almonds.
Claims use since November, 1896.

TRADE-MARK REGISTRATIONS RENEWED

64,449. BITUMINOUS PAVEMENTS AND SIDEWALKS. Registered August 6, 1907. WARREN BROTHERS COMPANY, Boston, Mass. Renewed August 6, 1927, to Warren Brothers Company, Cambridge, Mass., a Corporation of West Virginia.

64,761. WHEAT-FLOUR. Registered August 20, 1907. DAVID STOTT. Renewed August 20, 1927, to David Stott Flour Mills Inc., Detroit, Mich., a Corporation of Michigan, assignee.

64,994. SYNTHETIC MEDICINES AND PREPARATIONS MADE THEREFROM. Registered September 3, 1907. ACTIEN GESELLSCHAFT FÜR ANILIN-FABRIKATION, Berlin, Germany. Renewed September 3, 1927, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.

64,995. PERFUMERIES. Registered September 3, 1907. ACTIEN-GESELLSCHAFT FÜR ANILIN-FABRIKATION, Berlin, Germany. Renewed September 3, 1927, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.

65,092. CERTAIN CORDAGE. Registered September 10, 1907. COLUMBIAN ROPE COMPANY, Auburn, N. Y., a Corporation of New York. Renewed September 10, 1927.

65,161. CERTAIN CHEMICALS. Registered September 10, 1907. C. F. BOEHRINGER & SOHN, Mannheim-Waldhof, Germany, and New York, N. Y. Renewed September 10, 1927, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.

65,165. BENZOYLGUAIACOL. Registered September 10, 1907. FARBERWERKE VORM. MEISTER LUCIUS & BRÜNING, Höchst-on-the-Main, Germany. Renewed September 10, 1927, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.

65,218. VALVES. Registered September 10, 1907. THE OHIO BRASS COMPANY, Mansfield, Ohio, a Corporation of New Jersey. Renewed September 10, 1927.

65,287. ANESTHETICS. Registered September 17, 1907. ACTIEN GESELLSCHAFT FÜR ANILIN-FABRIKATION, Berlin, Germany. Renewed September 17, 1927, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.

65,291. CERTAIN MEDICINES. Registered September 17, 1907. CHEMISCHE FABRIK AUF ACTIEN (vorm. E. Schering), Berlin, Germany. Renewed September 17, 1927, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.

65,296. CERTAIN WEIGHING APPARATUS. Registered September 17, 1907. HENNEFER MASCHINEN-FABRIK C. REUTHER & REISERT m. b. H., Hennef, Germany. Renewed September 17, 1927, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.

65,636. INSECT PASTE. Registered October 15, 1907. SYLVANUS H. KELLOGG. Renewed October 15, 1927, to Johnson, Carvell & Murphy, Los Angeles, Calif., a Corporation of California, assignee.

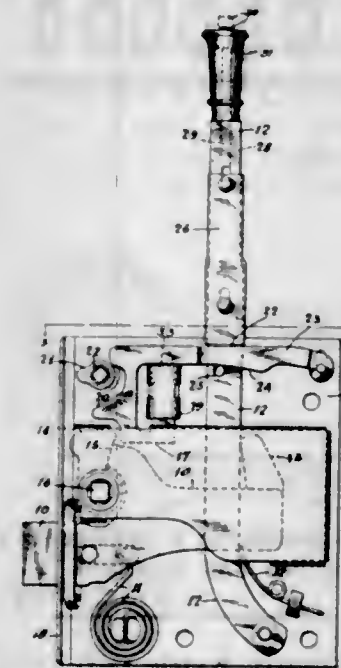
- 65,680. CIGARETTES, CIGARS, SMOKING AND CHEWING TOBACCO. Registered October 15, 1907. AFRICAN CIGARETTE COMPANY, LIMITED, London, England, as assignee of Maspero Frères, Limited. Renewed October 15, 1927, to African Cigarette Company, Limited, London, England, and Cairo, Egypt, a Corporation of Great Britain, assignee.
- 65,748. PERFUMED SOAP. Registered October 22, 1907. A. & F. PEARS, LIMITED, London, England, a Corporation of Great Britain and Ireland. Renewed October 22, 1927.
- 65,895. PERFUMED SOAP. Registered October 29, 1907. A. & F. PEARS, LIMITED, London, England, a Corporation of Great Britain and Ireland. Renewed October 29, 1927.
- 65,980. CERTAIN HEATING AND VENTILATING APPARATUS. Registered November 5, 1907. SAMUEL CLELAND DAVIDSON, Belfast, Ireland. Renewed November 5, 1927, to American Blower Company, Detroit, Mich., a Corporation of New York, assignee.
- 66,042. CERTAIN MACHINERY. Registered November 5, 1907. SAMUEL CLELAND DAVIDSON, Belfast, Ireland. Renewed November 5, 1927, to American Blower Company, Detroit, Mich., a Corporation of New York, assignee.
- 66,105. CERTAIN MUSICAL INSTRUMENTS. Registered November 12, 1907, to CHARLES MEISEL. Renewed November 12, 1927, to C. Meisel, Inc., New York, N. Y., a Corporation of New York, assignee.
- 66,142. CERTAIN MUSICAL INSTRUMENTS. Registered November 12, 1907, to CHAS. MEISEL. Renewed November 12, 1927, to C. Meisel, Inc., New York, N. Y., a Corporation of New York, assignee.
- 66,159. CERTAIN MUSICAL INSTRUMENTS. Registered November 12, 1907, to C. MEISEL. Renewed November 12, 1927, to C. Meisel, Inc., New York, N. Y., a Corporation of New York, assignee.
- 66,420. CERTAIN ELECTRICAL CONDUCTORS. Registered November 26, 1907. THE ELECTRIC RAILWAY IMPROVEMENT CO., Cleveland, Ohio, a Corporation of Ohio. Renewed November 26, 1927.

- 66,548. SHEETINGS, SHIRTINGS AND DRILLINGS. Registered December 10, 1907. CLIFTON MANUFACTURING COMPANY, Clifton, S. C., a Corporation of South Carolina. Renewed December 10, 1927.
- 66,560. PRESERVATIVE PAINTS IN LIQUID OR PASTE FORM. Registered December 10, 1907. CLIFFORD B. MILLER & CO. Renewed December 10, 1927, to Minwax Company, Inc., New York, N. Y., a Corporation of New York, assignee.
- 66,614. WHEAT FLOUR. Registered December 17, 1907. WASHBURN CROSBY COMPANY, Minneapolis, Minn., a Corporation of Minnesota. Renewed December 17, 1927.
- 66,670. SUSPENDERS AND BELTS. Registered December 17, 1907. MONARCH COMPANY (formerly known as Monarch Suspender Co.), New York, N. Y. Renewed December 17, 1927.
- 66,880. LADIES' CLOAKS, OUTER SUITS, AND OUTER SKIRTS. Registered December 31, 1907. THE LANDESMAN HIRSCHMEIER COMPANY, Cleveland, Ohio, a Corporation of Ohio. Renewed December 31, 1927.
- 66,903. AN ANTIPYRETIC AND ANALGESIC MEDICAL PREPARATION. Registered January 7, 1908. ETNA CHEMICAL COMPANY, New York, N. Y., a Corporation of New York. Renewed January 7, 1928.
- 67,063. SILK PIECE GOODS AND SILK-MIXED PIECE GOODS. Registered January 14, 1908. SUSQUEHANNA SILK MILLS. Renewed January 14, 1928, to Susquehanna Silk Mills, New York, N. Y., a Corporation of New York, assignee.
- 67,082. SILK PIECE GOODS AND SILK MIXED PIECE GOODS. Registered January 14, 1908. SUSQUEHANNA SILK MILLS. Renewed January 14, 1928, to Susquehanna Silk Mills, New York, N. Y., a Corporation of New York, assignee.
- 67,177. LEATHER BELTING. Registered January 21, 1908. DETROIT OAK BELTING COMPANY, Detroit, Mich., a Corporation of Michigan. Renewed January 21, 1928.

REISSUES

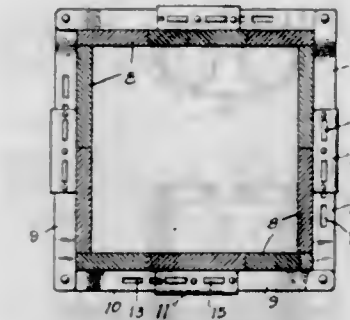
SEPTEMBER 13, 1927.

- 16,735. LATCH FOR VEHICLE DOORS. RICHARD V. KATMER, New Haven, Conn., assignor to The English & Mersick Co., New Haven, Conn., a Corporation. Filed July 22, 1927. Serial No. 207,801. Original No. 1,551,032, dated Aug. 25, 1925, Serial No. 6,923, filed Feb. 5, 1925. 12 Claims. (Cl. 292—173.)



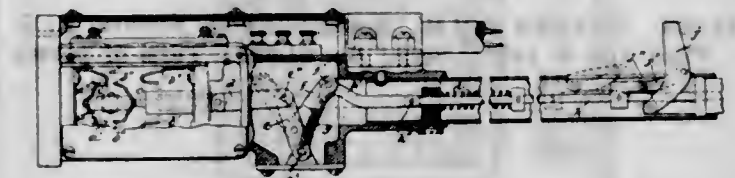
1. In a latch, the combination with a latch-bolt provided at its rear and near its forward end with projections, of a swinging lever engaging with the rear projection, a handle-operated roll-back adapted to engage with the forward projection, a locking-slide arranged above the roll-back in the path thereof, and a push-button mounted in the lever and adapted to depress said locking-slide into the path of the roll-back.

- 16,736. CLAMP FOR CONCRETE COLUMN FORMS. HOWARD O. McMILLAN, Minneapolis, Minn. Filed Nov. 6, 1926. Serial No. 146,832. Original No. 1,539,053, dated May 26, 1925, Serial No. 739,067, filed Sept. 22, 1924. 18 Claims. (Cl. 144—291.)



1. A column clamp comprising bars extending around the corners of a column form and overlapping at the sides of said column form, and means engaging said bars at their overlapped portions relatively to move said bars longitudinally and tighten said clamp.

- 16,737. ELECTRIC SWITCH. EDWIN L. CONNELL, Cleveland, Ohio, assignor to The Van Dorn Electric Tool Company, Cleveland, Ohio, a Corporation of Ohio. Filed Feb. 8, 1924. Serial No. 691,514. Original No. 1,471,308, dated Oct. 16, 1923, Serial No. 555,786, filed Apr. 20, 1922. 11 Claims. (Cl. 200—76.)



1. In an electric switch, the combination of a fixed contact member, a slidable contact member for engagement therewith, operating means for said slidable contact member, and means adapted to be energized by said operating means preparatory to effecting quick-acting opening movement of said slidable contact member, said parts being so constructed and arranged that actuation of said operating means during the preliminary stage of energization of said other means tends to maintain said slidable contact member in engagement with said fixed contact member.

DESIGNS

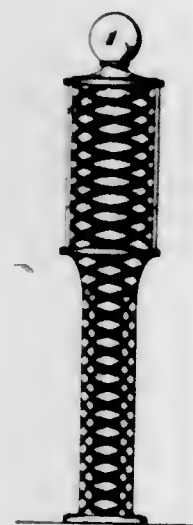
SEPTEMBER 13, 1927.

73,424. COMBINATION SALT AND PEPPER SHAKER. OLIVER W. BALDWIN, Gary, Ind. Filed Feb. 9, 1927. Serial No. 20,656. Term of patent 7 years.



The ornamental design for a combination salt and pepper shaker, as shown.

73,425. BARBER POLE. ROBERT DIXON, Newark, N. J. Filed Apr. 9, 1927. Serial No. 21,523. Term of patent 14 years.



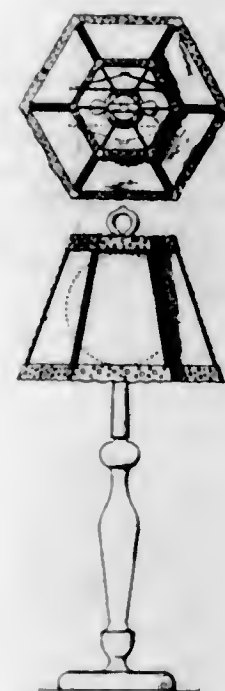
The ornamental design for a barber pole, as shown.

73,426. TUMBLER OR SIMILAR ARTICLE OF GLASSWARE. GEORGE DOUGHERTY, Morgantown, W. Va., assignor to Economy Glass Company, Morgantown, W. Va., a Corporation of West Virginia. Filed Jan. 11, 1927. Serial No. 20,331. Term of patent 7 years.



The ornamental design for a tumbler or similar article of glassware as shown and described.

73,427. COMBINATION LAMP AND LOUD SPEAKER. THOMAS DOYLE, Chicago, Ill. Filed July 1, 1927. Serial No. 22,639. Term of patent 3 1/4 years.



The ornamental design for a combination lamp and loud speaker, substantially as shown.

SEPTEMBER 13, 1927

U. S. PATENT OFFICE.

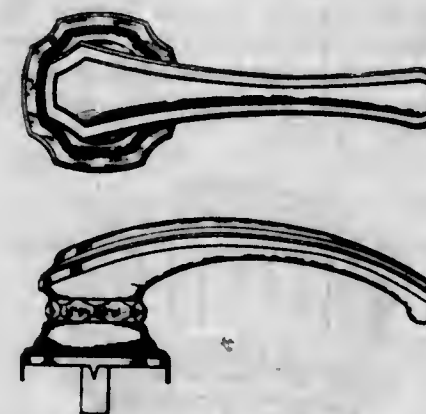
289

73,428. BOTTLE. GEORGES DUNAIME, Paris, France, assignor to Cheramy, Inc., New York, N. Y., a Corporation of New York. Filed June 1, 1927. Serial No. 22,267. Term of patent 7 years.



The ornamental design for a bottle as shown.

73,429. HANDLE FOR DOOR LATCHES OR THE LIKE. GEORGE GRAFF, Toledo, Ohio, assignor to The Dura Company, Toledo, Ohio, a Corporation of Delaware. Filed Mar. 7, 1927. Serial No. 21,000. Term of patent 14 years.



The ornamental design for a handle for door latches or the like, substantially as shown.

73,430. JAR OR SIMILAR CONTAINER. ELMER HAN-LETT, Sausalito, Calif. Filed Apr. 29, 1927. Serial No. 21,792. Term of patent 14 years.



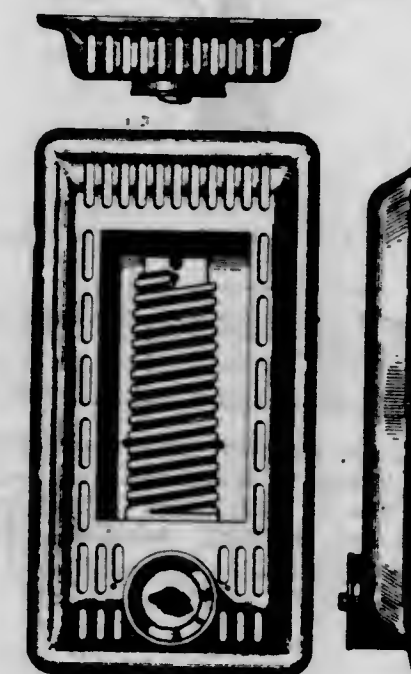
The ornamental design for a jar or similar container, substantially as shown and described.

73,431. COMBINATION SALT AND PEPPER SHAKER. THOMAS CLARENCE HEISEY, Newark, Ohio, assignor to A. H. Heisey & Company, Newark, Ohio, a Partnership. Filed May 11, 1927. Serial No. 21,932. Term of patent 14 years.



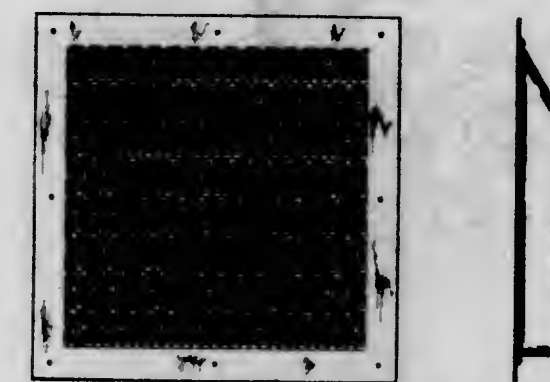
The ornamental design for a combination salt and pepper shaker, as shown.

73,432. ELECTRIC AIR HEATER. WILLIAM WESLEY HICKS, San Francisco, Calif. Filed May 31, 1927. Serial No. 22,236. Term of patent 14 years.



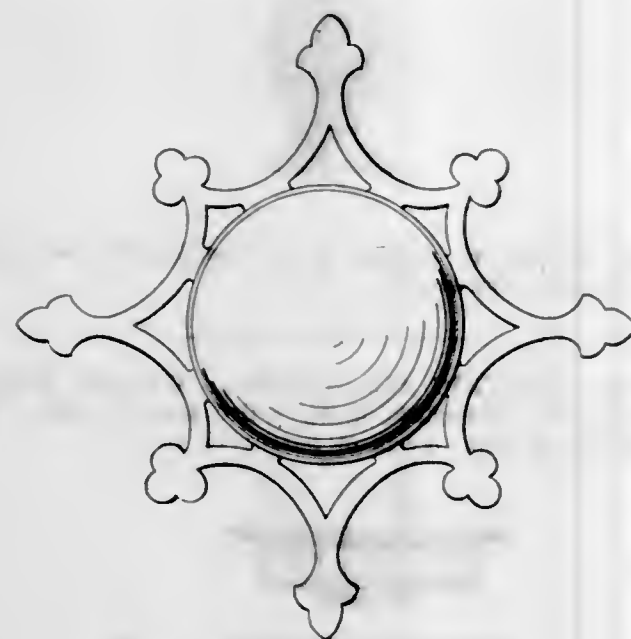
The ornamental design for an electric air heater as shown.

73,433. ELECTRIC AIR HEATER. WILLIAM WESLEY HICKS, San Francisco, Calif. Filed May 31, 1927. Serial No. 22,237. Term of patent 14 years.



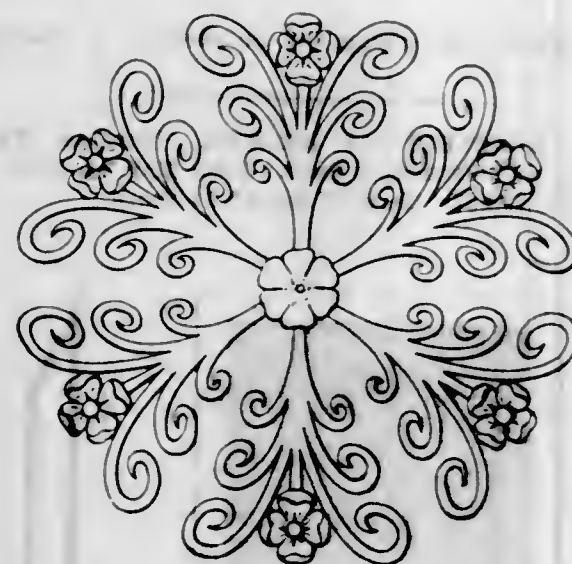
The ornamental design for an electric air heater as shown.

73,434. GOTHIC EFFECT LIGHTING-FIXTURE ORNAMENT. HARRY R. HOLDEMAN, Los Angeles, Calif., assignor to The J. M. Feldman Co. Inc., Los Angeles, Calif. Filed Apr. 18, 1927. Serial No. 21,630. Term of patent $3\frac{1}{2}$ years.



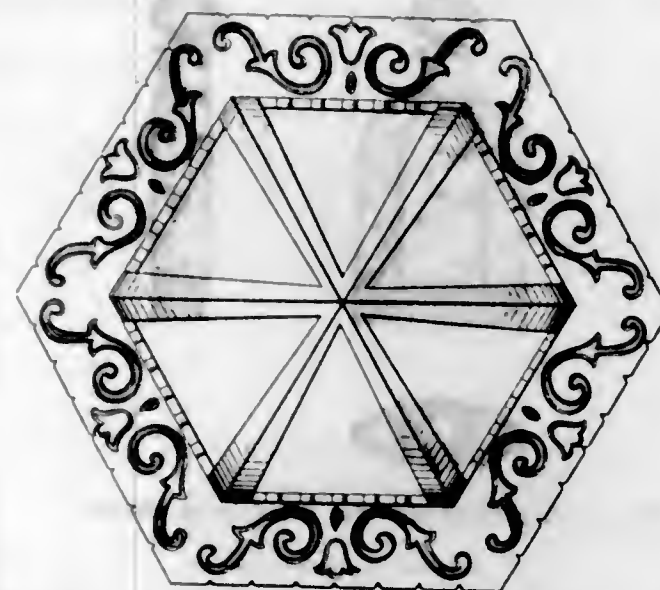
The ornamental design for a Gothic effect lighting fixture ornament as shown.

73,435. ITALIAN EFFECT LIGHTING-FIXTURE ORNAMENT. HARRY R. HOLDEMAN, Los Angeles, Calif., assignor to The J. M. Feldman Co. Inc., Los Angeles, Calif. Filed Apr. 18, 1927. Serial No. 21,632. Term of patent $3\frac{1}{2}$ years.



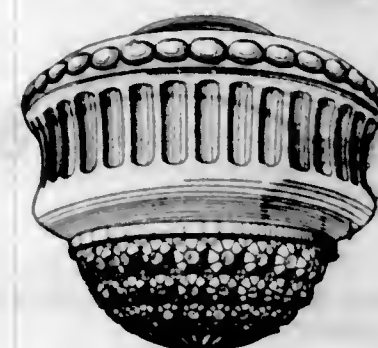
The ornamental design for an Italian effect lighting fixture ornament as shown.

73,436. ITALIAN EFFECT LIGHTING-FIXTURE PLATE. HARRY R. HOLDEMAN, Los Angeles, Calif., assignor to The J. M. Feldman Co. Inc., Los Angeles, Calif. Filed Apr. 18, 1927. Serial No. 21,633. Term of patent $3\frac{1}{2}$ years.



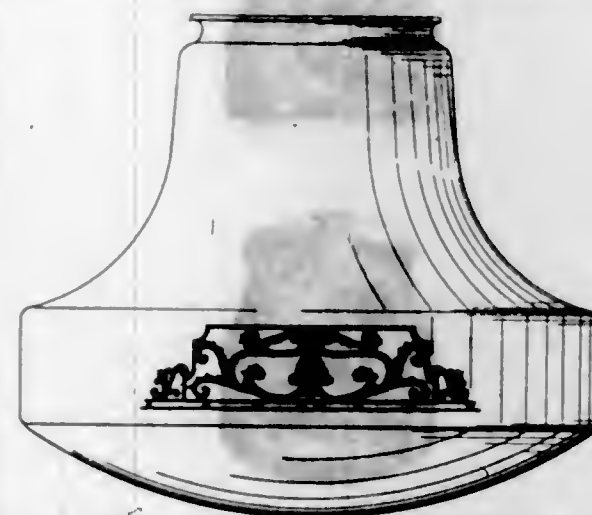
The ornamental design for an Italian effect lighting fixture plate as shown.

73,437. ILLUMINATING GLASS BOWL OR GLOBE. NICHOLAS KOPP, Pittsburgh, Pa., assignor to Kopp Glass, Incorporated, Swisecvale, Pa., a Corporation of Pennsylvania. Filed July 2, 1927. Serial No. 22,652. Term of patent 14 years.



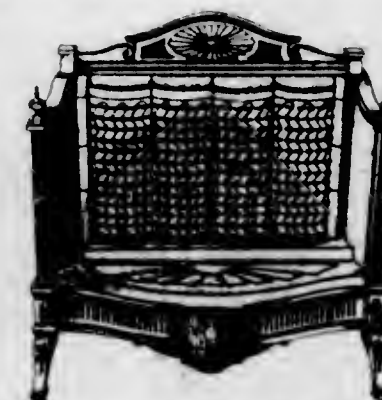
The ornamental design for an illuminating glass bowl or globe, as shown.

73,438. LAMP SHADE. FREDERICK K. MAERZ, Cleveland, Ohio, assignor to Benjamin F. Klein, doing business as The Kayline Co., Cleveland, Ohio. Filed Feb. 25, 1927. Serial No. 20,888. Term of patent 7 years.



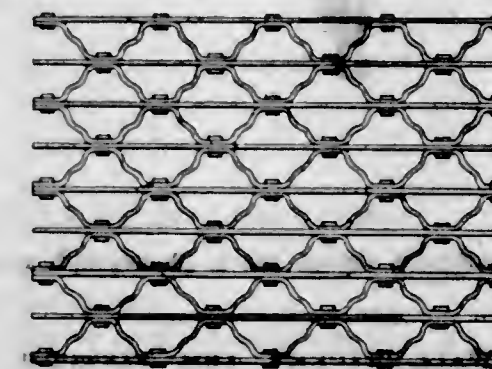
The ornamental design for a lamp shade, as shown.

73,439. ELECTRIC HEATER. FRANCIS H. MCCORMICK, Glen Ellyn, Ill., assignor to Edison Electric Appliance Company, Incorporated, Chicago, Ill., a Corporation of New York. Filed June 14, 1927. Serial No. 22,423. Term of patent 14 years.



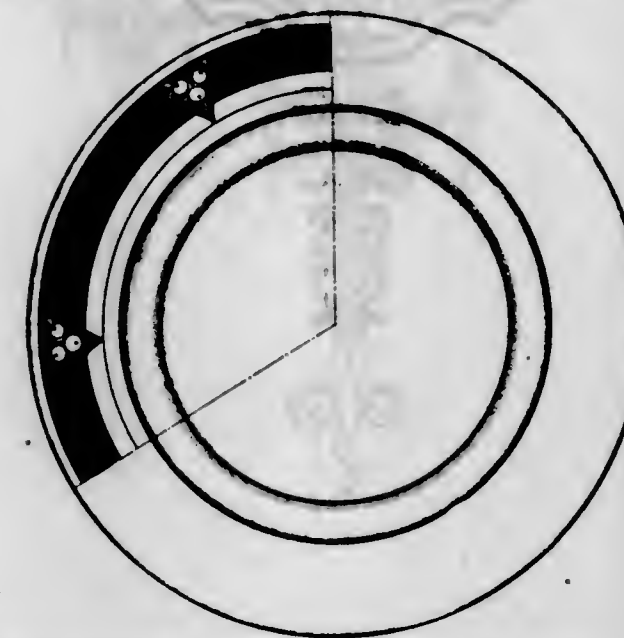
The ornamental design for an electric heater substantially as shown.

73,440. FLOOR GRATING. PAUL LEON PRICE, Mount Vernon, N. Y. Filed Mar. 2, 1927. Serial No. 20,936. Term of patent 14 years.



The ornamental design for a floor grating, as shown.

73,441. PLATE OR SIMILAR ARTICLE. HEINRICH RAMPFEL, Jersey City, N. J., assignor to Nathan Straus & Sons, Inc., New York, N. Y., a Corporation of New York. Filed May 17, 1927. Serial No. 22,008. Term of patent 7 years.



The ornamental design for a plate or similar article substantially as shown and described.

73,442. LAMP STANDARD. HARRY O. BASTETTER, Canton, Ohio, assignor to The Union Metal Manufacturing Company, Canton, Ohio, a Corporation of Ohio. Filed June 7, 1927. Serial No. 22,360. Term of patent 7 years.



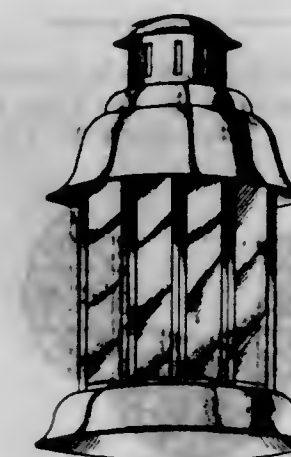
The ornamental design for a lamp standard, as shown.

73,443. PIPE. LOUIS REYMONDET, St.-Claude, France. Filed Sept. 23, 1925, Serial No. 14,878, and in France May 25, 1925. Term of patent $3\frac{1}{2}$ years.



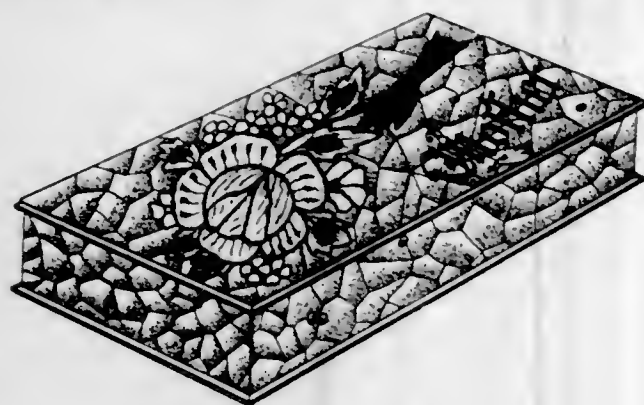
The ornamental design for a pipe, as shown.

73,444. LANTERN. HARRY ROSENFELD, Cleveland, Ohio. Filed Apr. 4, 1927. Serial No. 21,455. Term of patent $3\frac{1}{2}$ years.



The ornamental design for a lantern, as shown.

73,445. BOX. FRANK J. SCHLEICHER, St. Louis, Mo. Filed July 2, 1927. Serial No. 22,651. Term of patent 7 years.



The ornamental design for a box, substantially as shown.

73,446. COMBINATION STANDARD AND TRAY FOR A COMBINED FLOOR LAMP AND SMOKING STAND. EDWARD SCHULTZ, Chicago, Ill. Filed Apr. 6, 1927. Serial No. 21,491. Term of patent 3½ years.



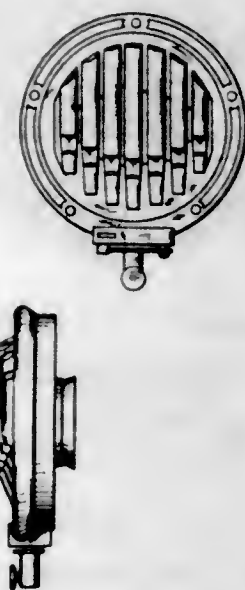
The ornamental design for a combination standard and tray for a combined floor lamp and smoking stand as shown and described.

73,447. EMBROIDERED LACE MEDALLION. HENRY SCHWARBER, Weehawken, N. J. Filed Feb. 11, 1927. Serial No. 20,680. Term of patent 3½ years.



The ornamental design for embroidered lace medallion, as shown.

73,448. PHONOGRAPH REPRODUCER. HERMAN SEGAL, Bronx, N. Y. Filed Apr. 26, 1927. Serial No. 21,726. Term of patent 7 years.



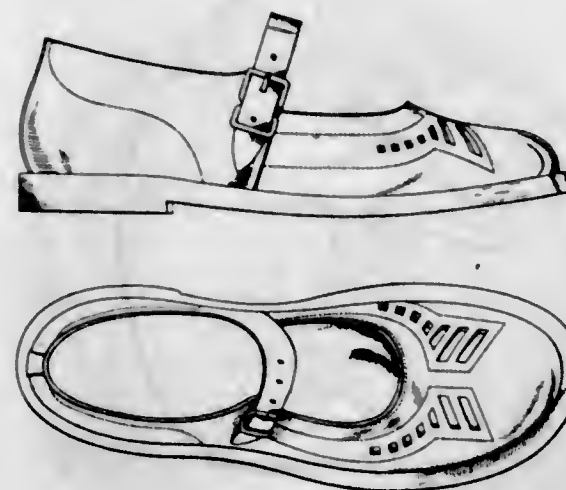
The ornamental design for a phonograph reproducer, as shown.

73,449. WALL-BRACKET ARM FIXTURE. JAMES SHORTT, Los Angeles, Calif., assignor to Alloy Metal Products Co., Los Angeles, Calif., a Copartnership Composed of James Shortt and Claude E. Chapman. Filed May 9, 1927. Serial No. 21,885. Term of patent 3½ years.



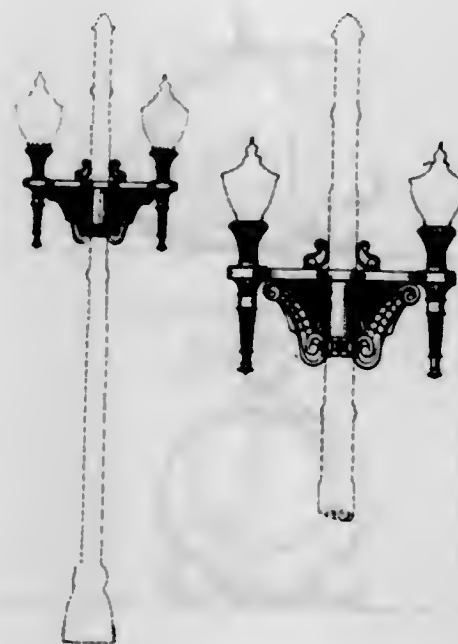
The ornamental design for a wall bracket arm fixture, as shown.

73,450. SHOE. FRED G. TAUBER, Jersey City, N. J., assignor to New York Merchandise Co., Inc., New York, N. Y., a Corporation of New York. Filed June 14, 1926. Serial No. 18,047. Term of patent 14 years.



The ornamental design for a shoe, as shown.

73,451. LAMP SUPPORT. JOHN R. TOWNSEND, South Bend, Ind., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed May 27, 1926. Serial No. 17,867. Term of patent 14 years.



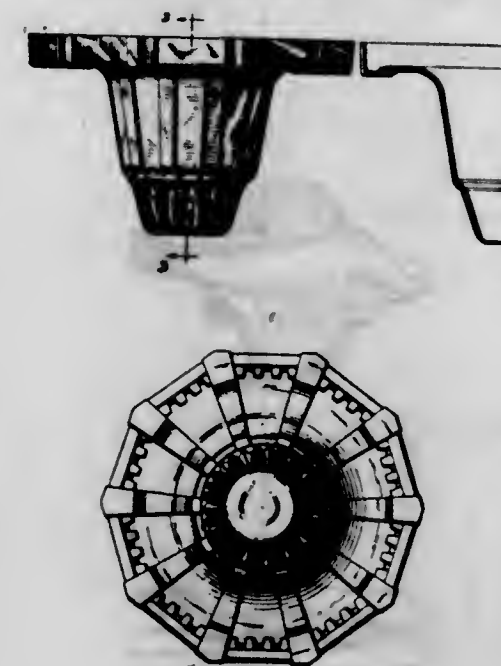
The ornamental design for a lamp support as shown.

73,452. HAT STAND. PHYLLIS MARGARET TWIGG, Ventnor, England. Filed Apr. 19, 1927. Serial No. 21,639. Term of patent 14 years.



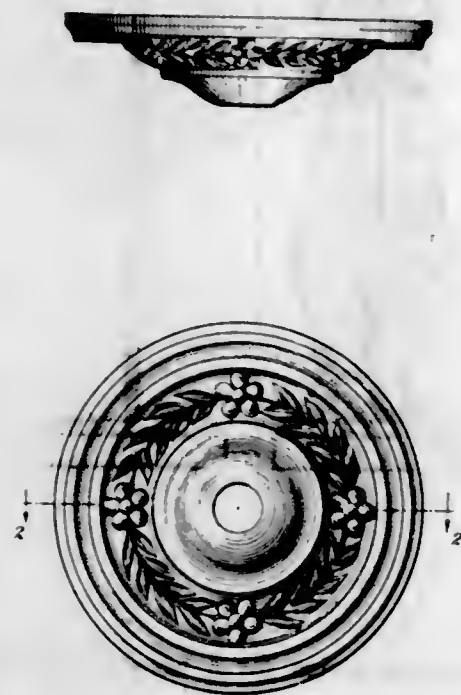
The ornamental design for a hat-stand as shown.

73,453. CANOPY FOR LIGHTING FIXTURES. GUSTAVE E. VILLARET, Leonia, N. J., assignor to Scovill Manufacturing Company, Waterbury, Conn., a Corporation of Connecticut. Filed July 8, 1927. Serial No. 22,702. Term of patent 7 years.



The ornamental design for a canopy for lighting fixtures, as shown.

73,454. BOBECHÉ FOR LIGHTING FIXTURES. GUSTAVE E. VILLARET, Leonia, N. J., assignor to Scovill Manufacturing Company, Waterbury, Conn., a Corporation of Connecticut. Filed July 12, 1927. Serial No. 22,733. Term of patent 7 years.



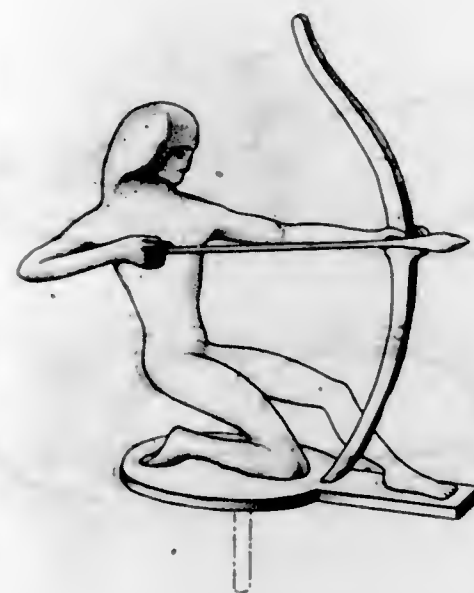
The ornamental design for a bobèche for lighting fixtures, as shown.

73,455. RADIATOR ORNAMENT. IRMGARD VON HANTHAUSEN, Munich, Germany. Filed June 1, 1927. Serial No. 22,262. Term of patent 7 years.



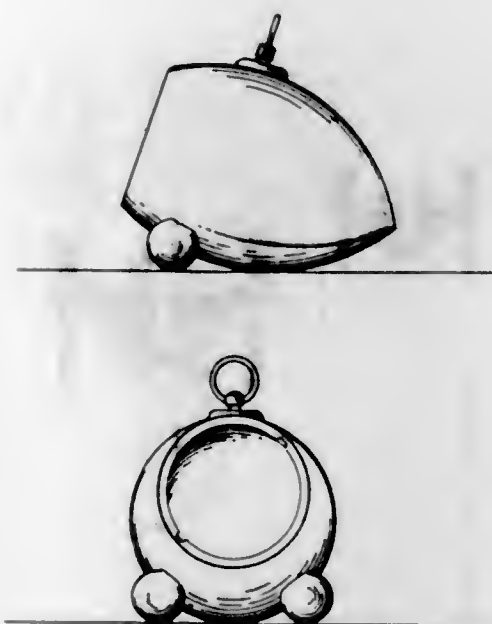
The ornamental design for a radiator ornament substantially as shown.

73,456. RADIATOR ORNAMENT. IRMGARD VON HANTHAUSEN, Munich, Germany. Filed June 1, 1927. Serial No. 22,263. Term of patent 7 years.



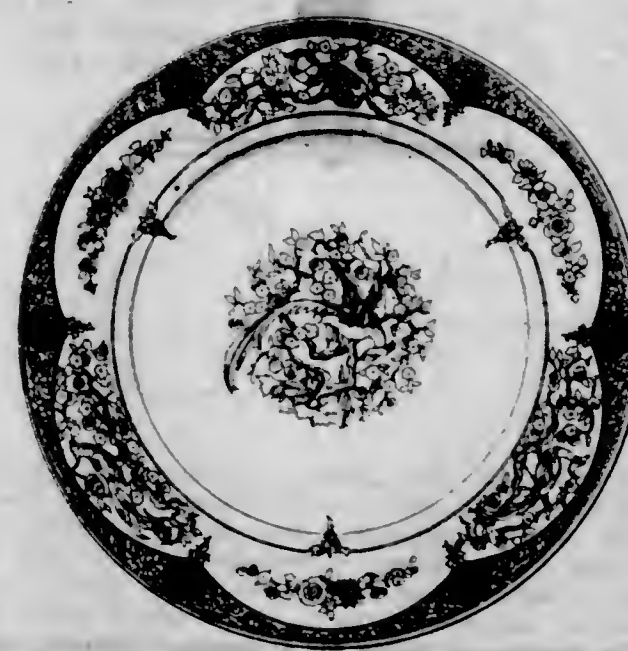
The ornamental design for a radiator ornament substantially as shown.

73,457. CLOCK CASE OR SIMILAR ARTICLE. ALBERT BELA WEISS, Kearny, N. J. Filed Apr. 15, 1927. Serial No. 21,616. Term of patent 7 years.



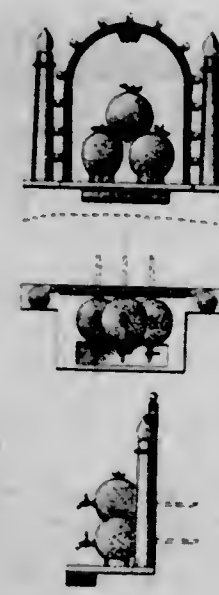
The ornamental design for a clock case or similar article as shown.

73,458. PLATE OR SIMILAR ARTICLE. GEORGE WBSF, New York, N. Y., assignor to Rosenthal China Corporation, New York, N. Y., a Corporation of New York. Filed May 20, 1927. Serial No. 22,106. Term of patent 7 years.



The ornamental design for a plate or similar article, as shown.

73,459. BEVERAGE-DISPENSING FOUNTAIN. CHARLES W. WESTON, Pampa, Tex. Filed June 13, 1927. Serial No. 22,410. Term of patent 3½ years.



The ornamental design for a beverage dispensing fountain as shown.

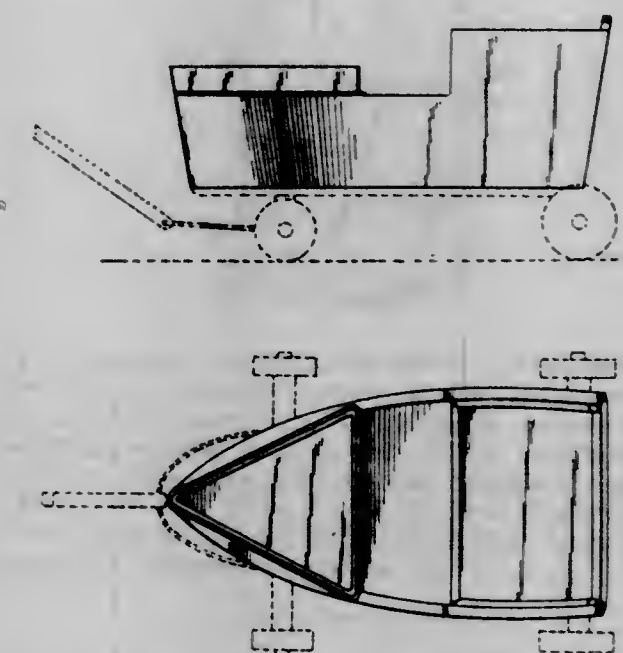
362 O. G.—20

73,460. CLOCK CASE. RICHARD H. WHITEHEAD, New Haven, Conn., assignor to New Haven Clock Co., New Haven, Conn., a Corporation. Filed Mar. 31, 1927. Serial No. 21,411. Term of patent 14 years.



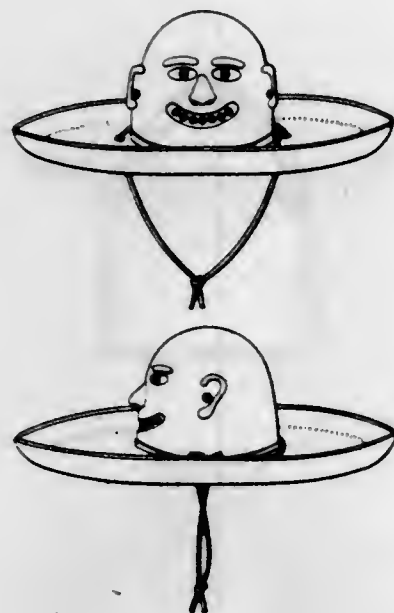
The ornamental design for a clock-case as shown.

73,461. BODY FOR TOY WAGONS. RUBEN WILLIAMSON, Miami, Fla. Filed Mar. 23, 1927. Serial No. 21,282. Term of patent 7 years.



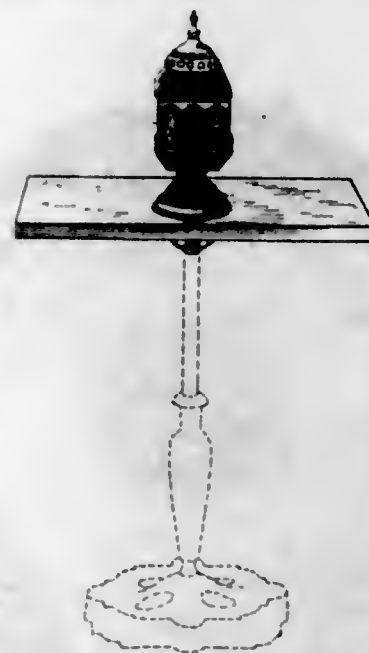
The ornamental design for a body for toy wagons, as shown.

73,462. HARVEST HAT. EDWARD WITTCOFF, St. Louis, Mo. Filed June 6, 1927. Serial No. 22,340. Term of patent 14 years.



The ornamental design for a harvest hat, substantially as shown and described.

73,463. COMBINED PLATFORM, LAMP, AND INCENSE BURNER FOR SMOKING STANDS OR SIMILAR ARTICLES. LOUIS ZWIG, Brooklyn, N. Y., assignor to Sun Rise Lamp Mfg. Co., Inc., a Corporation of New York. Filed July 12, 1927. Serial No. 22,729. Term of patent 3½ years.

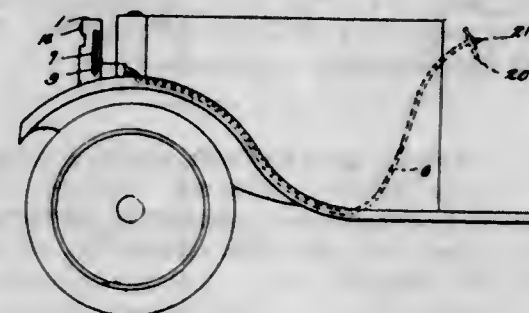


The ornamental design for a combined platform, lamp, and incense burner for smoking stands, or similar articles, substantially as shown.

PATENTS

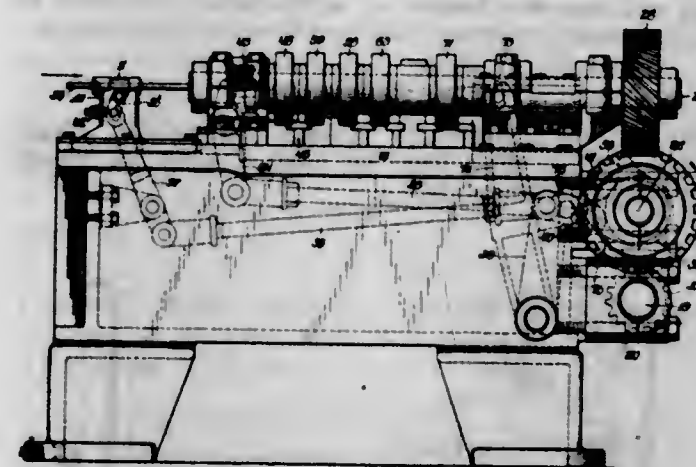
GRANTED SEPTEMBER 13, 1927.

1,641,950. DIRECTION INDICATOR FOR AUTOMOBILES. STEFANI ANGELO, Starkville, Colo. Filed May 8, 1924. Serial No. 711,853. 1 Claim. (Cl. 116—51.)



In a signaling device, a casing, said casing embodying a rear wall and spaced front walls, the spaced front walls defining a front and a rear compartment, one of the front walls terminating in spaced relation with the upper portion of the casing defining an indicator space, said casing having lateral elongated openings, horizontal shafts arranged one above the other and extending into the casing, an indicating finger mounted on one of the shafts and operating in the front compartment, an indicating finger on the opposite shaft and operating in the rear compartment, the first mentioned finger having its upper end operating above one of the spaced front walls, the finger in the rear compartment operating through the lateral elongated openings, and means for operating the shafts.

1,641,951. MACHINE FOR MAKING LINKS OR SIMILAR ARTICLES. JOSEPH H. APPLETON, Port Washington, and FRANK H. KRIZ, Oshkosh, Wis., assignors to Leach Company, Oshkosh, Wis., a Corporation of Wisconsin. Filed Feb. 21, 1924. Serial No. 694,206. 7 Claims. (Cl. 59—16.)

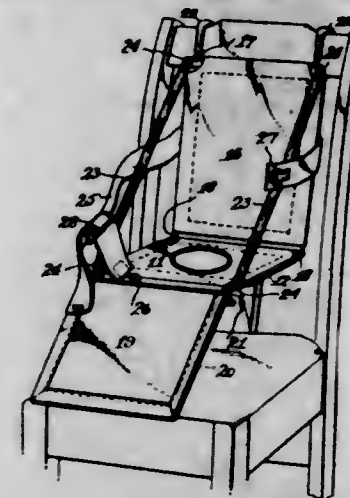


1. In a machine for making links or similar articles, means for feeding in stock for one article, means for forming an aperture in one end of the stock, and means for bending the other end of the stock into approximate registration with the apertured end.

1,641,952. CONVERTIBLE BABY SEAT. FRED A. ABRAHAM, Martinsville, Ind. Filed Feb. 24, 1925. Serial No. 11,289. 6 Claims. (Cl. 155—79.)

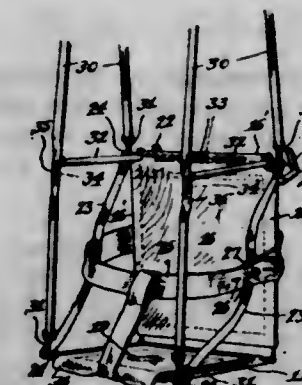
1. A seat convertible into either a high-chair or a nursery-chair or a swing, embodying a seat-frame having suspension eyes at its two front corners, a back-frame

pivotaly attached to the back edge of said seat-frame and having a pair of chair-hooks attached to its upper edge, the upper corners of the back-frame being provided with suspension eyes, suspension side-guard members connecting said eyes at each side of the chair, and a stiff fabric-covered frame pivotaly attached to the front edge of the



seat-member and adapted to swing down to form a leg-rest and guard and to swing over upon the seat-frame and serve as a reinforcing cover for the same, said eyes at the front of the seat-frame as well as the eyes at the top of the back-frame being adapted to serve as connections for the swing members.

1,641,953. CONVERTIBLE BABY SEAT. FRED A. ABRAHAM, Martinsville, Ind. Filed July 13, 1926. Serial No. 122,182. 2 Claims. (Cl. 155—58.)

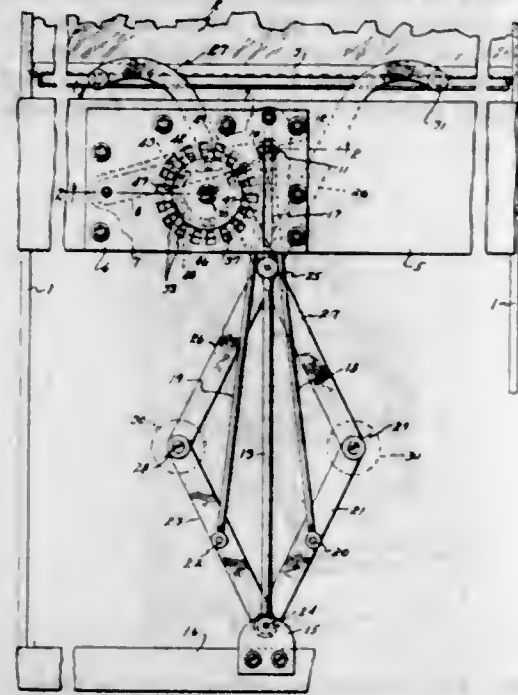


1. A baby-seat and swing embodying a seat-member and a back-member hinged together, flexible suspension-members attached respectively to the upper corners of the back-frame and the front corners of the seat-frame, and removable brace-rods pivotaly and detachably connected at their rear ends to the top of the back-frame, the axis of the pivots being horizontal and at their forward ends to the front suspension-members.

1,641,954. SASH-OPERATING MECHANISM. EDWARD L. ACKERMAN, Romeo, Mich., assignor, by direct and mesne assignments, to Ackerman-Blaesser-Fezzey, Inc., Detroit, Mich., a Corporation of Michigan. Filed Feb. 26, 1925. Serial No. 11,662. 9 Claims. (Cl. 268—127.)

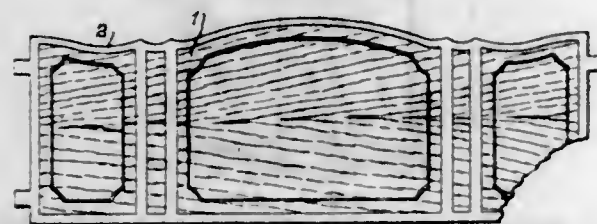
1. In a sash operating mechanism, a frame, a sash slidably mounted in the frame and provided with a slot in the lower edge thereof, a pair of levers mounted on a

common pivot on the lower part of the frame, a pair of crossed arms each pivoted to the upper end of one of the levers, a guide rod extending vertically from the pivot point of the levers, a member slidable on the guide rod, the crossed arms being pivoted at their intersection on the slidable member and being provided with rollers at the upper end riding in the slot of the sash, a vertically movable member mounted on the guide rod, a pair of operating rods pivotally connected to the vertically movable member, each operating rod being pivoted to one of the



levers intermediate its ends, a lever pivotally mounted on the frame and supporting the vertically movable member in its outer end, the said lever being provided with a slot intermediate its ends, a plate provided with a slot, a crank for rotating the plate, a second plate rotatable in relation to the slotted plate and having a pin engaging in the slot of the first plate, the rotatable plate being provided with a second pin engaging in the slot of the lever, and means whereby the second plate may be locked or unlocked from rotation.

1,641,955. INLAID WORK OF CURVED FORMATION AND METHOD OF PRODUCING THE SAME. FREDERICK H. AULD, Columbus, Ohio. Filed Aug. 27, 1926. Serial No. 131,974. 4 Claims. (Cl. 41-35.)

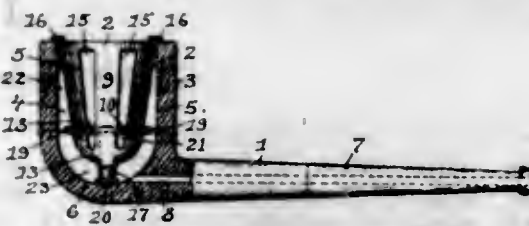


2. An article of the character described, consisting of a bendable metal plate having on one face thereof a design with a tracery in relief and the surrounding surfaces depressed, and of a wood veneer inlaid in the depressions and removed at places over the tracery of the design, and an adhesive between the plate and the veneer to bind them together, the veneer being also bendable, and both plate and veneer being fashioned into curved contours, the said veneer having been treated to render it bendable.

1,641,956. TOBACCO BURNER FOR PIPES. ENGELBERT BIBER, Providence, R. I. Filed Apr. 7, 1927. Serial No. 181,862. 5 Claims. (Cl. 131-12.)

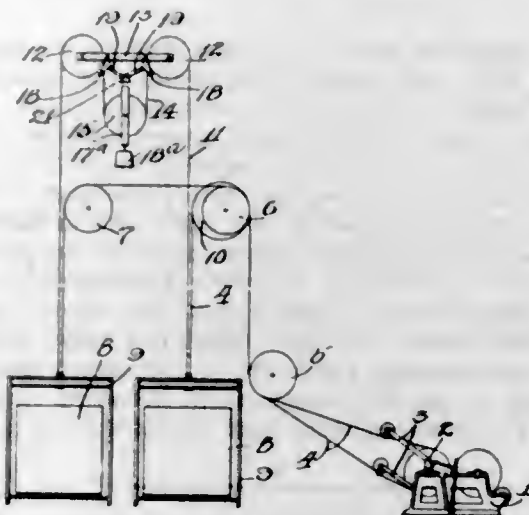
1. In a device of the nature described, a thin hollow body member having sides, an open top and a closed

bottom in which is a stem opening, said sides having a plurality of slots, a movable member having a stem extending through the stem opening in the body member, a



disk on the inner end of the stem, said disk having arms extending through the slots in the body member, for the purpose as described.

1,641,957. SAFETY MEANS FOR HOISTS AND THE LIKE. CARL FREEMAN BLEDSOE, Chicago, Ill., assignor to Ogle Construction Company, a Corporation of Illinois. Filed June 19, 1926. Serial No. 117,024. 8 Claims. (Cl. 187-71.)



5. In an apparatus of the class described, a pair of receptacles, means including cables for moving said receptacles, a stationary support including a pair of pulleys, a flexible connection surrounding said pulleys and attached to said receptacles, a pair of brakes for said pulleys, and means actuated by said flexible connection for simultaneously applying said brakes when a cable fails.

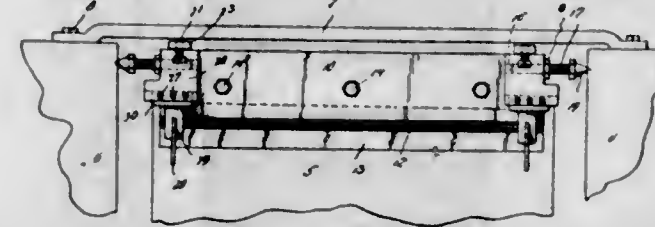
1,641,958. WALL MOLD. ROBERT LEE BRACEY, Flagler Beach, Fla. Filed Nov. 16, 1925. Serial No. 69,432. 3 Claims. (Cl. 25-131.)



1. A wall mold including posts, a mold form pivotally connected to and extending between the posts for swinging movement toward and away therefrom, the mold form having a facing secured thereto and extending rear-

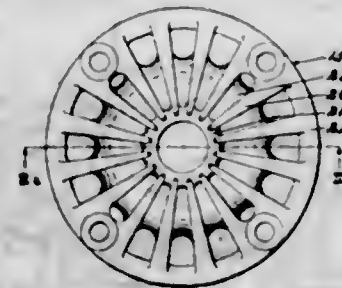
wardly thereof, means on the posts for engagement with the rearwardly extending facing for supporting the mold form in juxtaposition to the posts, and means for suspending the posts on a support.

1,641,959. SCRAPER FRAME FOR RUBBER REFINERS. WILLIAM BRIDING, Manville, N. J. Filed Feb. 10, 1927. Serial No. 169,665. 4 Claims. (Cl. 18-2.)



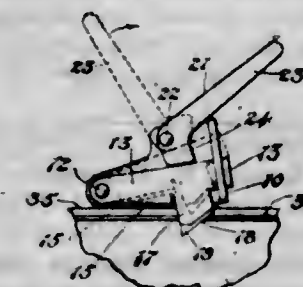
1. A device of the class described comprising a body formed in two sections of elongated construction, adjustable means at the end of one section to rockably mount the body between the sides of a mill frame, an arm extending from the other section, a pressure screw mounted in the arm, a bar with which the pressure screw is engageable, jaw extensions on the sections, and means for clamping the sections together to hold a scraper element between the jaw extensions.

1,641,960. AIR-COOLED ENGINE. CARL P. BROCKWAY, Toledo, Ohio. Filed Feb. 21, 1921. Serial No. 446,897. 6 Claims. (Cl. 123-171.)



1. An air cooled engine including in combination, a cylinder and a cylinder head each of said members being provided with integral radially extending continuous heat dissipating fins symmetrically disposed relative to said members and each fin being so constructed as to have a greater width at points removed from the cylinder than at points adjacent the cylinder, the fins gradually increasing in cross sectional area radially from said members to provide means to conduct heat away from said members.

1,641,961. CAN OPENER. HUDGER BRUNEAU, Woodsocket, R. I. Filed May 15, 1926. Serial No. 109,287. 5 Claims. (Cl. 30-8.)

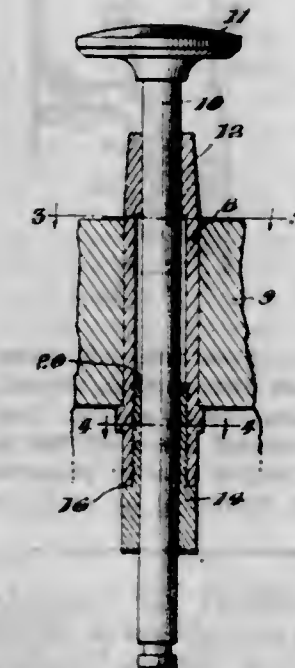


1. A can opener comprising a carrier plate, an arm pivotally attached to the plate, a blade on the arm, a cam lever pivotally mounted on the plate for actuating the arm, an advancing disk rotatably supported by the plate parallel with the blade and adapted to be overlapped thereby and means for rotating the disk.

1,641,962. MANUFACTURE OF ORNAMENTAL OR EFFECT MATERIALS. WILLIAM ALEXANDER DICKIE and JAMES HENRY ROONEY, Spondon, near Derby, England, assignors to Celanese Corporation of America, a Corporation of Delaware. Filed Feb. 2, 1925. Serial No. 6,457, and in Great Britain Jan. 14, 1925. 9 Claims. (Cl. 41-21.)

1. A new article of manufacture comprising a sheet of light transmitting material having on its opposite surfaces close line or grid patterns in conformation and presenting moiré effects.

1,641,963. VALVE-GUIDE BUSHING. WILLIAM A. DISCH, Chicago, Ill. Filed Dec. 10, 1923. Serial No. 679,712. 1 Claim. (Cl. 123-188.)

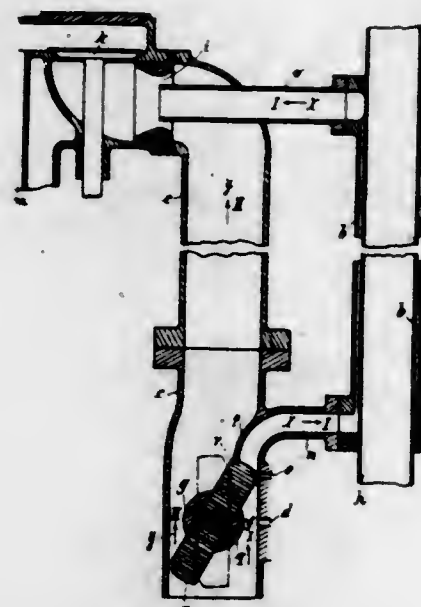


In an internal combustion engine having vertically reciprocating valves and splash system lubrication, the combination with a boss formed integral with the engine block and extending vertically into a splash chamber, of a bushing rigidly secured in said boss and projecting at its ends beyond the upper and lower ends of the boss, a valve stem disposed for vertical reciprocation through said bushing, said stem being of uniform diameter throughout its length, a bearing for said stem formed in and by the upper projecting end of said bushing above the boss, said bushing being formed into an annular chamber surrounding said stem from said upper bearing to the extreme lower end of the bushing, an internally threaded portion formed on the walls of said chamber from the extreme lower end thereof upward to a point above the horizontal plane of the lower end of said boss, a replaceable bearing over said stem, and a reduced externally threaded portion on said replaceable bearing for engagement with the internally threaded portion at the lower end of said bushing, said externally threaded portion of the replaceable bearing extending within the bushing to a point above the lower end of said boss.

1,641,964. APPARATUS FOR SUPPLYING COMBUSTIBLE MIXTURE TO INTERNAL-COMBUSTION ENGINES. OTTO EBERBACH, Berlin-Wilmersdorf, Germany, assignor to Ebro-Vergaser Gesellschaft mit beschränkter Haftung, Düsseldorf, Germany. Filed Dec. 23, 1926. Serial No. 156,728, and in Germany Nov. 16, 1922. 7 Claims. (Cl. 123-119.)

1. In apparatus for supplying the combustible mixture to internal combustion engines, a conduit adapted to be connected with the cylinder of the engine and comprising two branch pipes, means to supply a larger propor-

tion of fuel to the current flowing through one of said branch pipes than to the current flowing through the other one of said branch pipes, and means for regulating the amount of air flowing through said branch pipes, the ratio between the cross-sectional areas of the branch

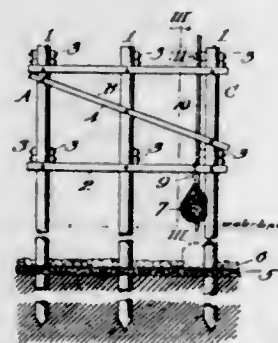


pipe for the supply of current containing a larger proportion of fuel and the portion thereof controlled by said regulating means being smaller than the ratio between the cross-sectional areas of the branch pipe for the current containing a smaller proportion of fuel and the portion thereof controlled by said regulating means.

1,641,965. TREATMENT OF CELLULOSE DERIVATIVES. GEORGE HOLLAND ELLIS, Spondon, near Derby, England, assignor to Celanese Corporation of America, a Corporation of Delaware. Filed Sept. 27, 1924, Serial No. 740,413, and in Great Britain Oct. 8, 1923. 6 Claims. (Cl. 8-5.)

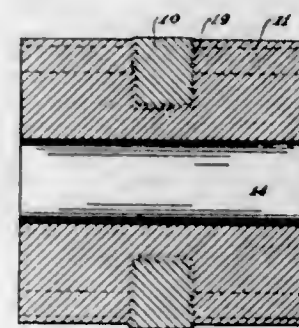
1. Process for dyeing materials comprising cellulose acetate, said process comprising applying to the material a vat dyestuff of the anthraquinone series in the unreduced state, solubilized by pretreatment with a solubilizing agent.

1,641,966. DIKE OR REVETMENT. ASA W. FARNEY, Clay County, Mo. Filed May 9, 1927. Serial No. 189,913. 4 Claims. (Cl. 61-3.)



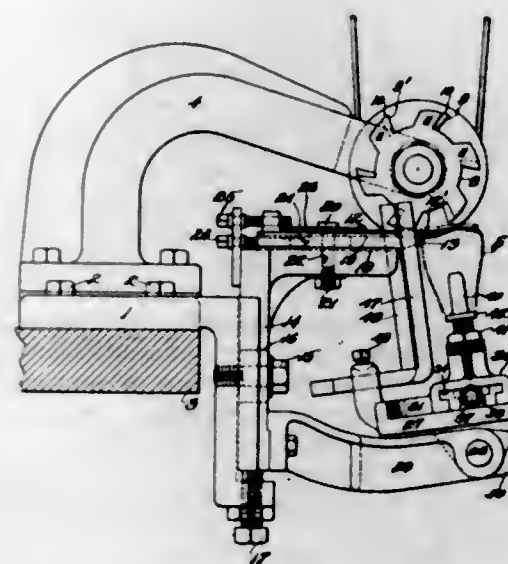
3. A dike or revetment comprising rows of piling anchored in the bed of a stream, braces connecting the piles firmly together transversely and longitudinally, a mat around and between the poles and upon the bed of the stream, a weighed fascine, a temporary support therefor attached to the piling structure, and screen poles attached at their lower ends to the fascine and movable downward with the latter when the support therefor is removed.

1,641,967. METHOD OF MAKING AND STRUCTURE OF GEARS. JOHN W. FULPER, Annandale, N. J. Original application filed Jan. 17, 1922, Serial No. 529,821. Divided and this application filed June 19, 1925. Serial No. 38,227. 10 Claims. (Cl. 29-159.)



1. A gear member comprising toothed portions fused together side by side.
8. A process comprising forming a toothed portion; and casting and fusing another portion side by side thereto.

1,641,968. SHOE-SHAPING MACHINE. NICHOLAS L. GULLIFORD, Peabody, Mass., assignor to Gregory & Read Company, Boston, Mass., a Corporation of Massachusetts. Filed Aug. 2, 1923. Serial No. 655,180. 15 Claims. (Cl. 12-17.)

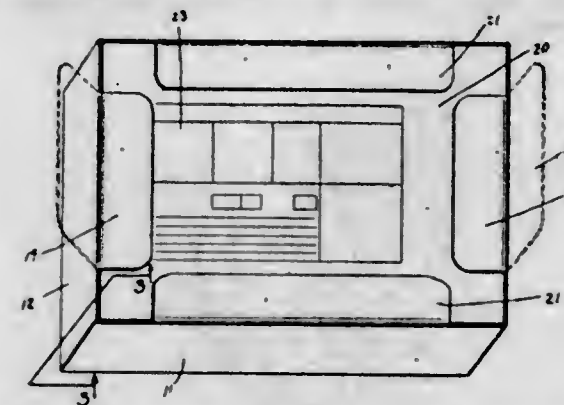


1. A machine of the character described comprising a cutter that is continuously rotated in one direction provided with side cutting edges and a transverse end cutting edge; means for supporting and positioning a shoe sole while being operated upon by the cutter to form a bevel along the margin thereof, and means for limiting the movement of the shoe sole with relation to the cutter to confine the latter to the heel portion of the sole.

1,641,969. BOX. GEORGE K. HENDERSON, Indianapolis, Ind. Filed Dec. 26, 1925. Serial No. 77,819. 3 Claims. (Cl. 229-45.)

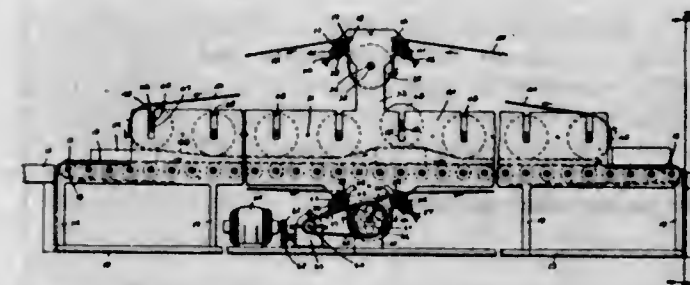
1. A box structure formed from a blank having a bottom, side and end walls, the side walls having a projecting flap extending therefrom and foldable against the inner surface of the end walls, the end walls being formed with tabs extending therefrom adjacent each end adapted to be folded downwardly and over said end flaps and sealed for holding the side and end walls in position, a top adapted to be positioned within the box structure, sealing flaps extending from said end walls and

foldable with respect thereto in position to be sealed over the top of said box for securing it in closed position, and sealing flaps extending from the side walls as



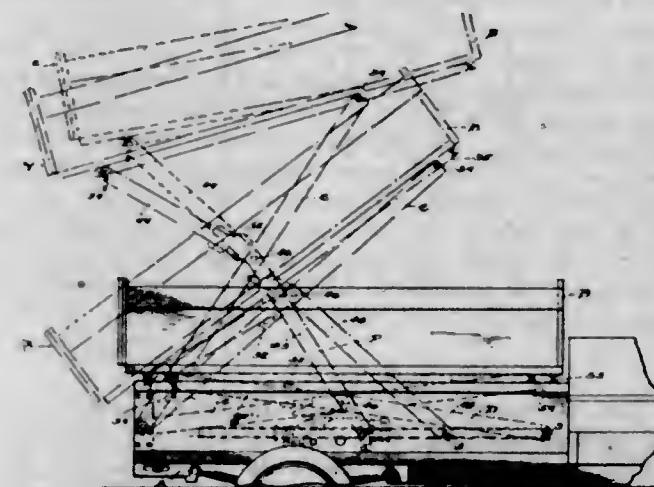
well as the end walls and foldable with respect thereto in position to be sealed over the top of said box for securing it in closed position.

1,641,970. SEALING MACHINE. GEORGE K. HENDERSON, Indianapolis, Ind. Filed Feb. 2, 1926. Serial No. 85,468. 3 Claims. (Cl. 93-36.)



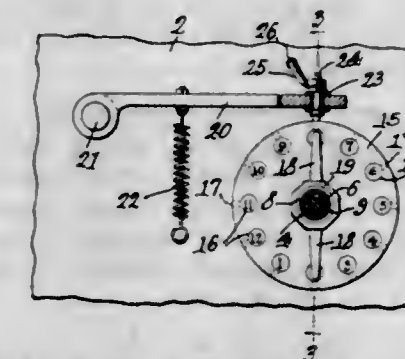
1. In a sealing machine, the combination of a pair of endless belts, a pair of idler rolls for each belt adjustably mounted for securing the desired tension therein, a driving roll interposed between each pair of idler rolls and engageable by the belt, and a common drive for said driving rolls.

1,641,971. HOISTING TRUCK. JOSEPH D. HERRON, Trenton, N. J., assignor to Fitz Gibbon & Crisp, Inc., Trenton, N. J., a Corporation of New Jersey. Filed Jan. 5, 1927. Serial No. 159,232. 3 Claims. (Cl. 298-11.)



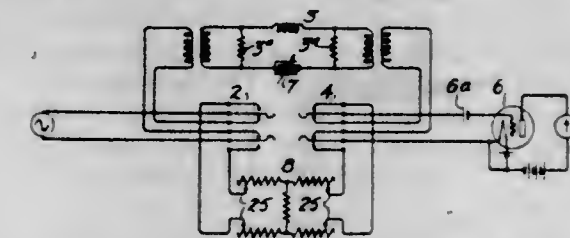
1. An arm for hoisting devices comprising two sections lying in adjacent parallel planes and pivotally connected each to each, one of said sections being provided, beyond the point of pivotal connection, with a downwardly turned offset portion forming an incline terminating in a shoulder, and means carried by the other section and movable into position to contact either said incline or the surface of the other section above said shoulder, whereby to lock the sections together in any one of two positions of pivotal adjustment of said sections.

1,641,972. ROTARY TIMER. JOHN H. HOBSON, Sulphur Springs, Ark., assignor of one-fifth to J. Alvin Brown, one-fifth to Chester A. Swarens, one-fifth to William J. Brown, and one-fifth to Wilson T. Feazell. Filed June 30, 1926. Serial No. 119,645. 1 Claim. (Cl. 161-1.)



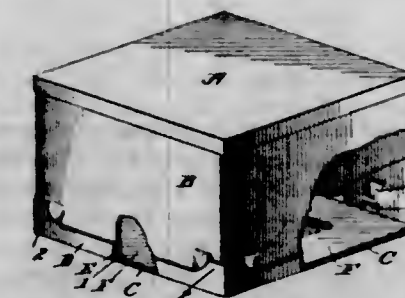
In a device of the class described, a frame, a shaft extended through the frame, an insulating sleeve on the shaft, a conducting tube about the sleeve, a binding post on one side of the frame and having means for holding a conductor, a brush retained by the binding post and riding on one end of the conducting tube, an insulating disk frictionally held on the tube and located on the opposite side of the frame, the disk being provided with side contacts which are exposed at the periphery of the disk, the tube being provided with a circumferential rib against which the disk abuts, a spring tongue, means for binding the tongue adjustably against the rib, whereby the tongue may be shifted to engage any of the contacts, yieldable mechanism for engaging any of the contacts at the periphery of the disk, and means for bringing said mechanism into an electrical circuit.

1,641,973. FREQUENCY METER. JOSEPH W. HORTON, East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Apr. 18, 1922. Serial No. 555,284. 18 Claims. (Cl. 250-39.)



1. A method of measuring the frequency of an alternating current which comprises transmitting the current through a path having a predetermined frequency selection characteristic, and comparing the output energy from said path with energy having a fixed relation to the energy supplied to said path.

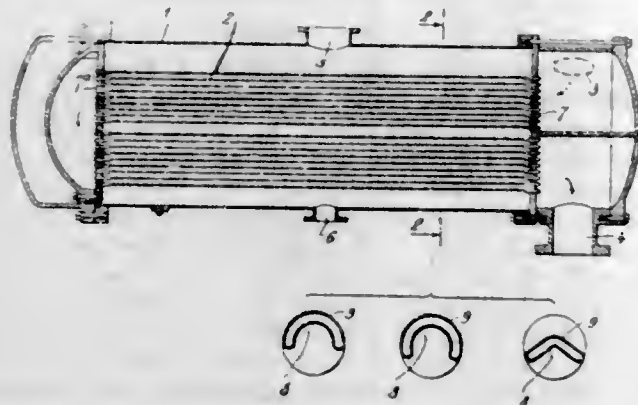
1,641,974. BOX. JOSEPH G. HUYE, New Orleans, La. Filed Mar. 27, 1924. Serial No. 702,362. 8 Claims. (Cl. 229-41.)



1. A receptacle comprising two paper-board sections, one of said sections being provided with integral spreading flanges and with integral resilient tongues extending

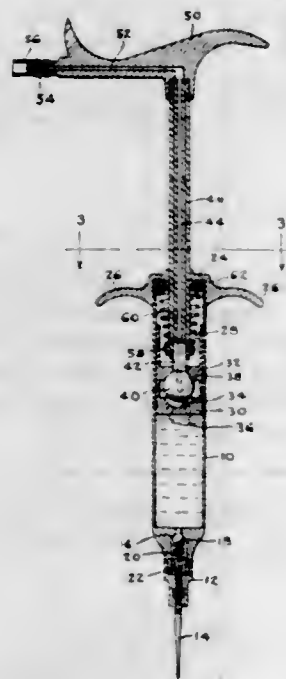
from said flanges and protruding beyond the lateral outer faces of said section, and the other of said sections being formed to snugly partially receive the former section and having a locking flange adapted to ride over said resilient tongues until it passes beyond said tongues, said tongues being adapted to spring out when free from said flange in order that their edges may lie in the path of travel of said locking flange in the reverse direction to prevent the separation of said sections.

1,641,975. HEAT EXCHANGER WITH SELF-DRAINING TUBE SURFACE. RUSSELL C. JONES, Bronxville, N. Y., assignor to The Griscom-Russell Company, New York, N. Y., a Corporation of Delaware. Filed Apr. 8, 1926. Serial No. 100,520. 6 Claims. (Cl. 257-239.)



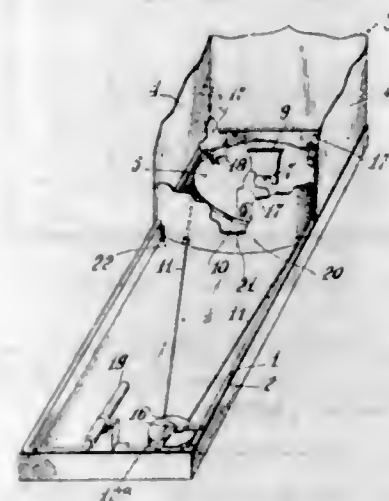
1. In a heat exchanger of the class described, a shell, heat transferring tubes within said shell and presenting a convex upper surface and a concave lower surface throughout their entire length within the heat-transferring space of the exchanger.

1,641,976. HYPODERMIC SYRINGE. ANTOINE A. LAURENT, Minneapolis, Minn. Filed Aug. 21, 1926. Serial No. 130,761. 3 Claims. (Cl. 128-220.)



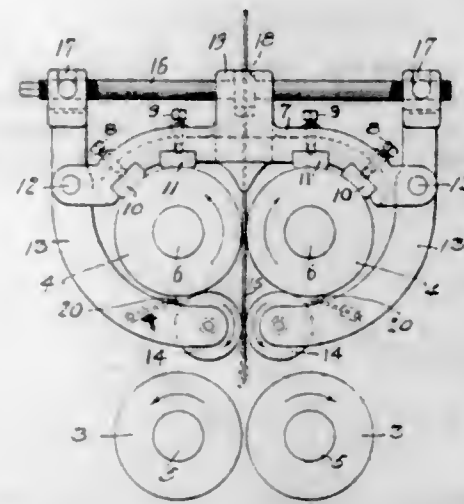
1. In a hypodermic syringe having a barrel provided with an outlet opening containing an outwardly opening check valve, the combination of a plunger working in said barrel, a plunger rod, a ball on the inner end of said rod for connecting the latter with said plunger and having a limited movement with relation thereto, said rod and ball together having a passage for liquid, a perforated head for said plunger with which said ball engages when in forward position for preventing backward flow of liquid through said passage, and means for connecting the outer end of said rod with a source of liquid supply.

1,641,977. MECHANICAL TOY. ARTHUR S. LITTLEFIELD, Winnetka, Ill., assignor to Littlefield Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed Mar. 4, 1927. Serial No. 172,605. 11 Claims. (Cl. 273-101.)



1. A mechanical toy including a receptacle equipped at one end with means for projecting a projectile, a target between the ends of said receptacle, a foldable and detachable back-stop wall at the other end of said receptacle, and coacting interengageable means on said wall and said receptacle for detachably securing the former to the latter while in unfolded position.

1,641,978. LIST-REMOVING APPARATUS. HJALMAR B. LUNDQUIST, Youngstown, Ohio. Filed Nov. 25, 1925. Serial No. 71,399. 7 Claims. (Cl. 91-59.2.)

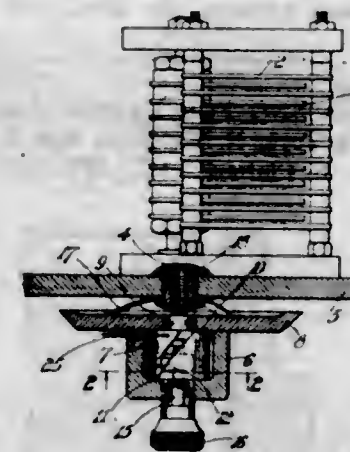


1. The combination with a pair of discharge rolls of a sheet coating machine, of a pair of auxiliary rolls having driving engagement therewith at the intake side, and scrapers mounted for engagement with the auxiliary rolls to remove adhering material therefrom.

1,641,979. VARIABLE ELECTRIC CONDENSER. FRANK ROWNTREE MACHIN, London, England. Filed Nov. 7, 1925. Serial No. 67,543, and in Great Britain Aug. 26, 1925. 7 Claims. (Cl. 74-7.)

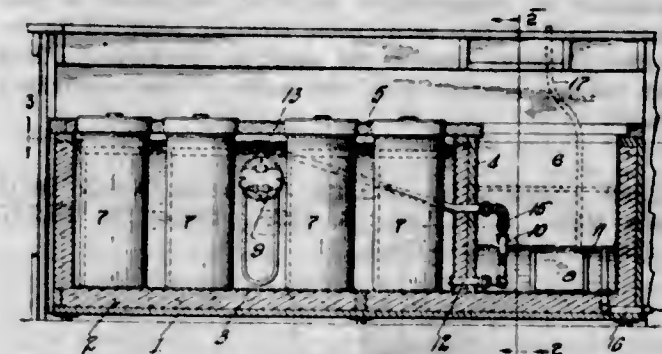
1. Operating mechanism for variable electric condensers and other adjusting devices comprising a rotary operating member, a hand actuated member rotatable on said operating member, cam surfaces on said operating and hand

actuated members, a sliding member co-operating with said cam surfaces to cause relative rotation between said operating and hand actuated members, yielding means



for holding said hand actuated member in adjusted position, and a second hand actuated member for operating said sliding member.

1,641,980. SODA-FOUNTAIN REFRIGERATOR. HARRY J. MACKAY, Decatur, Ill., assignor to The Combination Fountain Co., Decatur, Ill., a Corporation of Illinois. Filed Sept. 24, 1925. Serial No. 58,242. 2 Claims. (Cl. 62-101.)



1. In a soda fountain refrigerator, a casing, a partition in the casing dividing same into an ice cream compartment and a storage compartment, a refrigerating unit boiler in the ice cream compartment, a coil in the storage compartment disposed in juxtaposition to said partition and having an inlet leading from the bottom of the ice cream compartment and having an extension leading from the upper part of the coil, said extension having a discharge disposed over the boiler of the refrigerating unit, said storage compartment being formed to retain water or the like and the ice cream compartment being formed to contain a cooling media the coil in the storage compartment being partially submerged when the latter is filled with water, and means to control the level of the water in the storage compartment and thereby the extent of submergence of the coil.

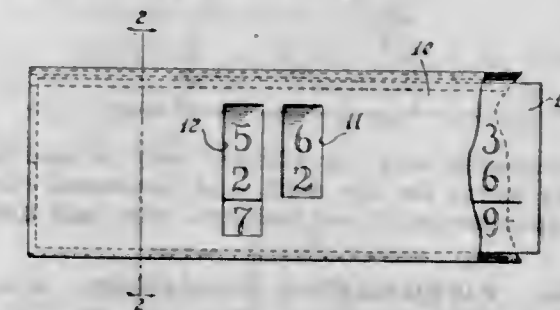
1,641,981. VANITY CASE. CHARLES LIONEL MARCUS, New York, N. Y. Filed Dec. 12, 1924. Serial No. 755,387. 10 Claims. (Cl. 132-82.)



1. In a container of the character described, the combination of a casing having a compartment for retaining a powered cosmetic, and a top partition member having

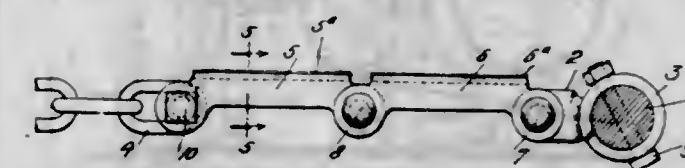
a threaded engagement with the upstanding side wall of the compartment and adapted to confine the cosmetic therein, said member having depressed lips to provide restricted passages for feeding the cosmetic to the outer surface of said member on movement thereof with respect to said compartment and for preventing accidental spilling of the cosmetic from the compartment.

1,641,982. MEMORIZATION DEVICE. JAMES E. MCDADE, Chicago, Ill. Filed Dec. 21, 1925. Serial No. 76,706. 5 Claims. (Cl. 35-2.)



1. A memorization device comprising a member bearing a mass of data arranged in columns with related elements oppositely disposed on a single face of the member, and means for segregating from the remaining elements a single set of related elements and one of the elements of the adjacent set.

1,641,983. CAR-BRAKE DEVICE. JOHN MCMULLEN, Buffalo, N. Y. Filed Jan. 20, 1927. Serial No. 162,247. 6 Claims. (Cl. 74-110.)



1. In a car brake device, the combination with a chain, and a rotatable post having a hand wheel thereon, of means connecting the post and the chain consisting of a pair of flat inter pivoted U-shaped levers forming a member which is rigid against vertical movement but foldable in a horizontal plane to bring the end of the chain up to the post so it may wind thereon.

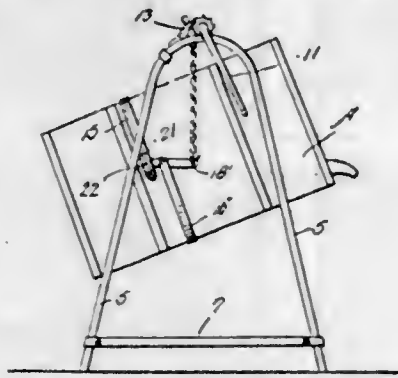
1,641,984. POLISHING MACHINE. PENN MILLER, Monmouth, Ill. Filed Nov. 8, 1926. Serial No. 147,164. 5 Claims. (Cl. 15-98.)



2. In a roller for a polishing machine, the combination of a pad with bevel cut ends placed around a perforated cylinder, one end of the pad overlapping the other end, a rod passing through the pad near the overlapping end, to bind the two ends of the pad together.

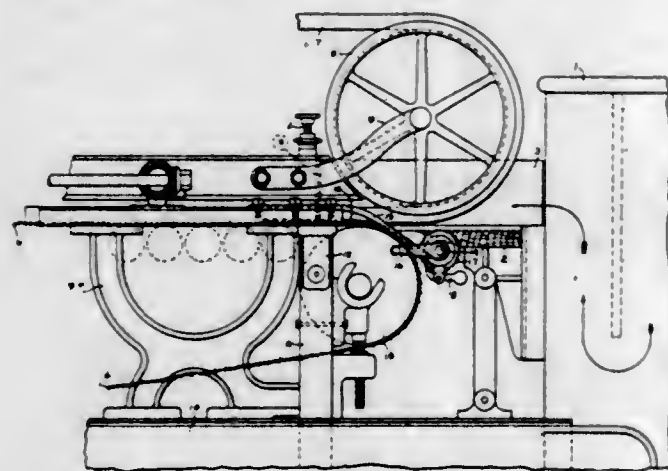
1,641,985. OIL-DRUM HOIST AND TILTING FRAME. HERBERT A. NICHOLS, Robstown, Tex. Filed Feb. 5, 1926. Serial No. 86,227. 1 Claim. (Cl. 248-58.) In an oil drum support and hoisting device, a supporting stand including a pair of spaced upright frame members between which the drum is adapted to be arranged, a shaft extending across the upper ends of said frame

members and journaled for rotation in bearings on said members, an oil drum clamp made up of a pair of complementary semicircular bands, links adjustably and piv-



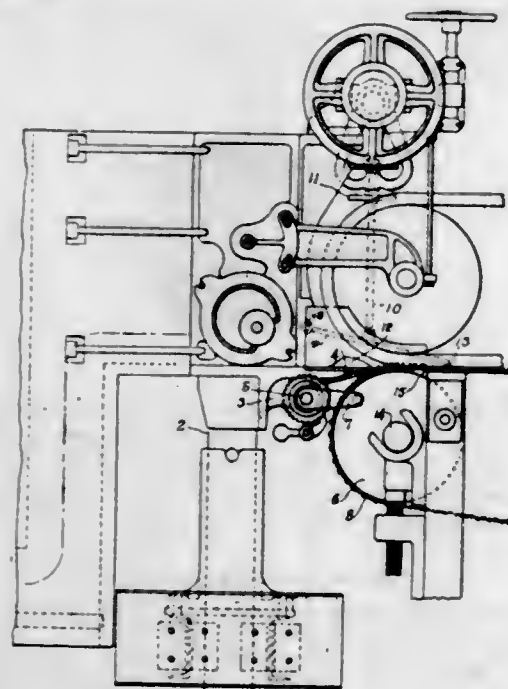
otally connected with the adjacent ends of said bands, operating means for the shaft, and suspension elements wound upon the shaft and connected with said links.

1,641,986. PAPER-MAKING MECHANISM. NICKOLAS J. NIKS, Chillicothe, Ohio. Filed Aug. 26, 1926. Serial No. 131,775. 9 Claims. (Cl. 92-45.)



1. In combination in a paper machine of a paper-making wire, means to supply stock thereto, and an apron, and means to move said apron and wire together.

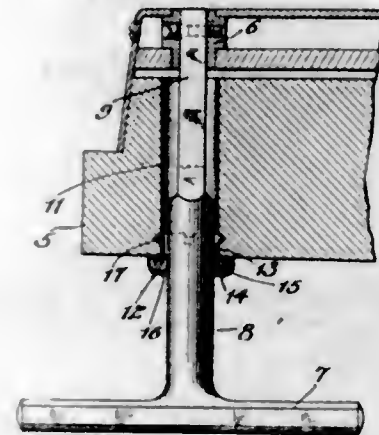
1,641,987. PAPER MACHINE AND METHOD OF MAKING PAPER. NICKOLAS J. NIKS, Chillicothe, Ohio. Filed Oct. 27, 1926. Serial No. 144,596. 11 Claims. (Cl. 92-44.)



1. In a paper machine, a wire, a breast roll support for said wire and a slice having its end extending such a point on the wire that the stock engages with the wire

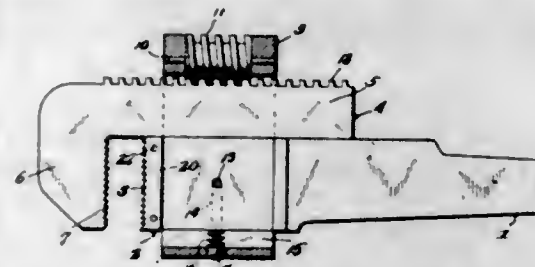
prior to passing under the slice so that the stock water can drain through the wire before the stock passes under the slice, said slice being positioned at an acute angle with respect to the wire, whereby an area of increased pressure is formed between the slice wire and apron.

1,641,988. MOUNTING FOR LATCH HANDLES. LEON OTTINGER, New York, N. Y. Filed Mar. 3, 1924. Serial No. 696,426. 9 Claims. (Cl. 292-357.)



1. A combined shaft escutcheon and bearing including an escutcheon member having a hollow annular head and means projecting from one side thereof for affixing the escutcheon member to a door structure, and a shaft bearing element of compressible material contained in said annular head of the escutcheon member adapted to receive and yieldably sustain the shaft in operative position out of bearing contact with the walls of the escutcheon member.

1,641,989. WRENCH. JULIUS J. PAULE, North Baltimore, Ohio. Filed Dec. 16, 1925. Serial No. 75,727. 1 Claim. (Cl. 81-158.)

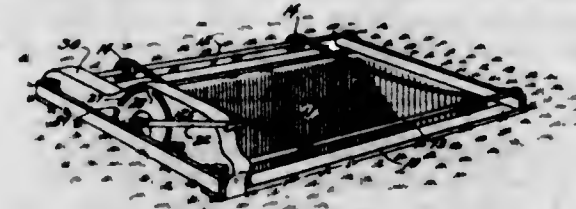


In an adjustable pipe wrench, a handle provided at one end with a stationary jaw, a movable member comprising a straight elongated shank and a jaw co-operating with said stationary jaw, there being oppositely inclined teeth formed on said jaws, a transversely movable yoke fitting over the handle and shank of the movable member, there being a rack formed on the upper edge of said shank, a worm carried by the yoke and co-operating with the rack in adjusting the movable jaw, resilient means for normally holding the yoke in operative position and the worm in engagement with the rack, a pin and slot connection between the yoke and handle and transverse tongues or ribs provided on the stationary jaw and handle and engaging opposite side edges of the yoke, said tongues or ribs co-operating with the pin and slot connection in guiding and preventing lost motion of the yoke.

1,641,990. CASKET-LOWERING DEVICE. VINTON PHENIX, Greeley, Colo. Filed Oct. 6, 1925. Serial No. 60,707. 1 Claim. (Cl. 254-136.)

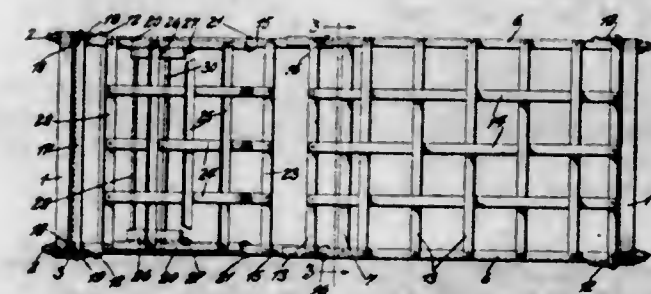
In a casket lowering device having a frame adapted to surround a grave, and parallel rotatable bars connected by bands carried by said frame, a chain causing said bars to operate in unison and in opposite directions; a countershaft operatively connected to one of

said bars; a drive shaft operatively connected to said countershaft; a crank secured to said drive shaft; an expansible spring fixedly secured at its one extremity;



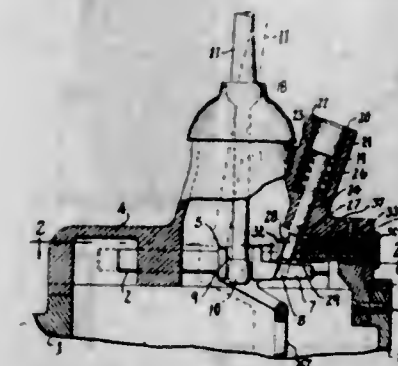
and a flexible medium secured to the other extremity and adapted to wind upon said drive shaft, said crank being prevented from arcuate movement exceeding 180°.

1,641,991. BED. MAXWELL E. RAMSEY, St. Louis, Mo. Filed Apr. 8, 1925. Serial No. 21,457. 1 Claim. (Cl. 5-75.)



A bed comprising angle iron side frame members each having one of its flanges vertical and its other flange extending horizontally inwardly from the upper edge of said vertical flange, a resilient strip connecting said horizontal flanges of said frame members, a pair of angle iron side frame members having their rear ends pivoted to the respective first named frame members a short distance in front of said resilient strip and having vertical flanges movable downwardly between the inner edges of said horizontal flanges of said first named frame members and having outwardly extending horizontal flanges arranged to rest upon said horizontal flanges of said first named frame members in one position of said second frame members, a series of resilient strips having their front ends connected to said second frame members and their rear ends connected to said resilient strip, and means for supporting said second frame members parallel with each other and in different angles of inclination relative to said first named frame members.

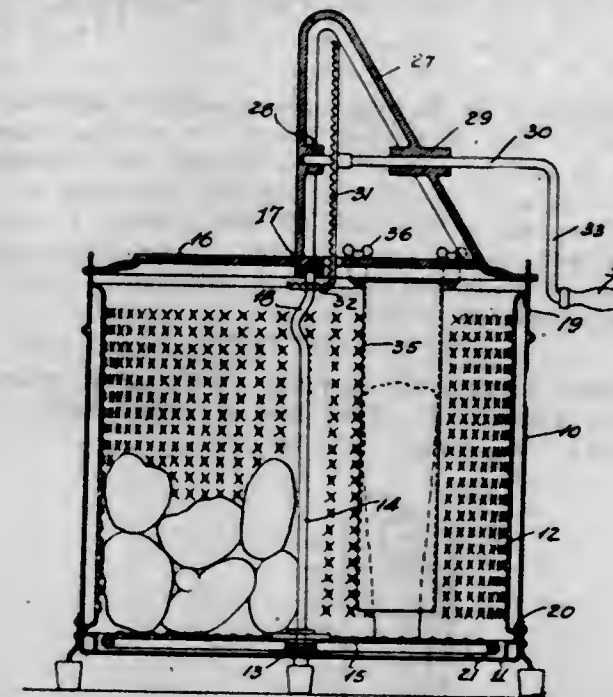
1,641,992. TRANSMISSION LOCK. WALTER M. REASON, Pontiac, Mich., assignor to Elizabeth Ballamos, Pontiac, Mich. Filed Oct. 26, 1922. Serial No. 597,025. 6 Claims. (Cl. 70-126.)



1. A transmission lock including a pair of operating members for the transmission, the said members being each provided with a notch adapted to be brought to opposed relation when the said members are in the neutral position, a lock comprising a longitudinally-movable non-rotatable portion, a rotatable portion therein operable

by a key, a locking bolt secured to the rotatable portion and having a notch in the side thereof, the bolt and lock being longitudinally movable, the end of the bolt engaging and fitting the aperture formed by the opposed notches of the operating members upon downward movement thereof, a spring pressed ball adapted to engage in the notch of the bolt and hold the same from longitudinal movement, the notch being so shaped that rotation of the lock by the key turns the bolt to move the notch out of engagement with the spring pressed ball and permit longitudinal movement, and yieldable means for moving the bolt to the unlocked position.

1,641,993. PEELING MACHINE. FRANK M. SCHAEFER, Steger, Ill., assignor to C. Culver Shields, Lake Forest, Ill. Filed May 21, 1924. Serial No. 714,778. 5 Claims. (Cl. 146-49.)



1. In a potato peeler comprising a casing having a bearing at its bottom and a grating cylinder therein, a laterally bent integral vertically disposed shaft journaled in said bearing and connected for rotation at its upper end, and an abrading disk at the bottom of said casing secured to said shaft so that it lies at an angle to the vertical axis of the grating cylinder, and means for rotating the shaft and disk.

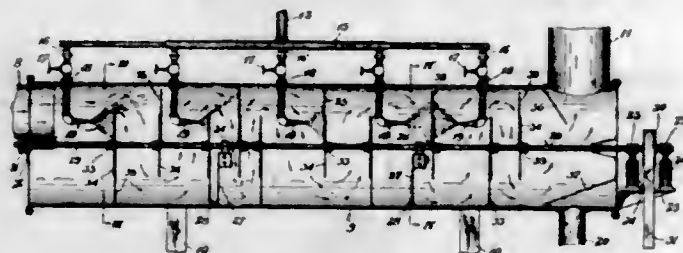
1,641,994. TOOL FOR REMOVING TRANSMISSION BANDS. GEORGE T. SCHESVOLD and ARTHUR M. JOHNSON, Minneapolis, Minn. Filed July 31, 1925. Serial No. 47,252. 4 Claims. (Cl. 29-871.)



4. A device of the class described comprising a shank having a portion thereof offset from the axis of the shank and arranged substantially parallel thereto, a re-

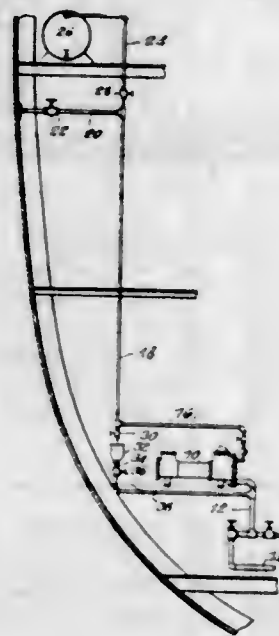
ceptacle integrally formed with said offset portion and having its bottom arranged at substantially right angles to the axis of the shank, said receptacle having its top and one end open, and the open end of the receptacle being adapted to engage a transmission band as the shank fulcrums on the transmission case.

1,641,995. SMOKE-TREATING APPARATUS. CARL J. SCHUBRONK, Cleveland, Ohio. Filed June 27, 1925. Serial No. 40,063. 4 Claims. (Cl. 261-90.)



2. Apparatus of the character described comprising a chamber, a pair of nozzles therein for directing liquid sprays in different directions, a circular disc rotatably mounted in said chamber and adapted constantly to intersect the spray from both of said nozzles, a sector-shaped baffle carried by said disc, means for rotating said disc and means for forcing combustion products into said chamber.

1,641,996. SAMPLING DEVICE. WILLIAM W. SMITH, Jersey City, N. J. Filed May 4, 1923. Serial No. 636,772. 2 Claims. (Cl. 137-78.)

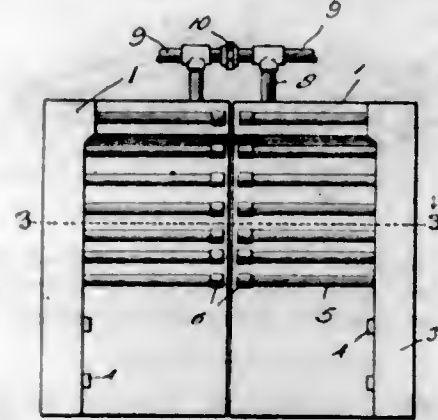


1. In combination with the hold of a ship, a pump adapted to withdraw a mixture of bilge water and oil from said hold, an oil storage receptacle, piping connecting the latter with the pump and including a valve controlled branch pipe for discharging the water overboard, and means for withdrawing a sample of the liquid from said piping for observation and means for returning the sampled liquid to the suction side of the pump.

1,641,997. HOT-WATER HEATER. JACOB ANDREW SUGONE, Newport, Tenn. Filed Aug. 24, 1926. Serial No. 131,270. 3 Claims. (Cl. 126-132.)

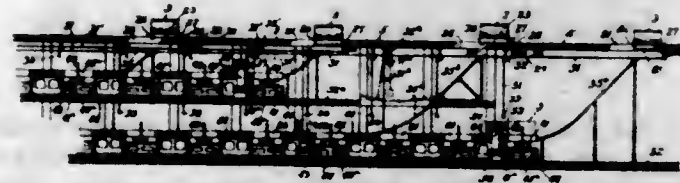
2. A device for heating water for building heating purposes, comprising hollow wall members of right angular form in plan having back and side portions adapted to be arranged in a fire place with the ends of their back portions in confronting relation and also having means at the inner sides of their side portions supporting a grate,

and conduit means for connecting the said members together and with means for radiating heat from hot water; the side portions of the said hollow wall members



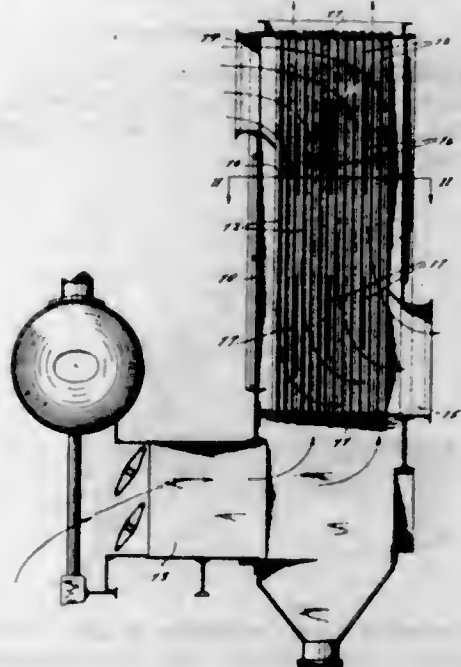
being equipped with inwardly extending tubes in communication with the interiors of said portions and closed at their inner ends.

1,641,998. APPARATUS FOR AND METHOD OF HANDLING ROLLS. FREDERICK VON DER HORST, Oak Park, Ill. Filed May 17, 1924. Serial No. 713,937. 35 Claims. (Cl. 214-1.)



1. A roll handling apparatus comprising receiving and transfer devices, each of said devices including a movable supporting member, a mounting for normally holding the supporting member in poised condition but permitting the moving of the member under the weight of the roll whereby the roll automatically moves from one to the other of the devices or from the transfer device to a predetermined location.

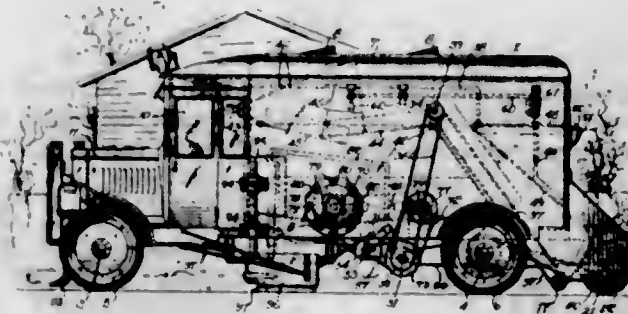
1,641,999. HEAT-TRANSFER DEVICE. HOSIA WEBSTER, Montclair, N. J., assignor to The Babcock & Wilcox Company, Bayonne, N. J., a Corporation of New Jersey. Filed July 9, 1925. Serial No. 42,335. 7 Claims. (Cl. 257-224.)



1. In a heat transfer device, a casing, longitudinally extending conduits therein, means for passing a first fluid through said conduits, said casing having longi-

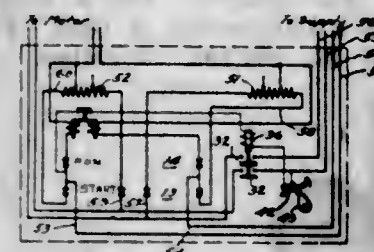
tudinally separated openings in the side thereof for admission and withdrawal, respectively, of a second fluid externally of said conduits, transversely spaced, deflecting baffles extending graduated distances into the region opposite at least one of said openings so as to divide said second fluid into a plurality of streams and guide said streams in approximately parallel paths to the conduits.

1,642,000. STREET OR ROAD CLEANING APPARATUS. JOSEPH W. WEISMANTEL, Newark, N. J. Filed Aug. 9, 1923. Serial No. 656,622. 5 Claims. (Cl. 37-12.)



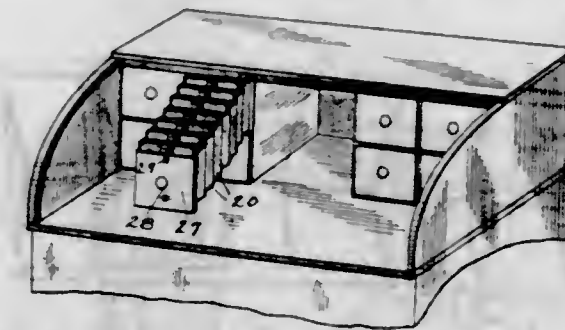
1. A street or road-cleaning apparatus in the form of a motor-propelled vehicle, comprising a main compartment having a water-receiving chamber in its lower portion, burners within the upper portion of said main compartment, means for supplying liquid fuel to said burners, means for conveying snow into the upper portion of said main compartment and beneath said burners, adjustable means within said main compartment to support introduced snow subject to the melting action of said burners, said supporting means being adapted to drain the melted snow into said water receiving chamber, said compartment having in a side thereof an outlet opening leading from said water receiving chamber, a removable cover to normally close said outlet opening, and a rotary conveyor worm in the bottom of said water receiving chamber having its discharge end cooperating with said outlet opening.

1,642,001. AUTOSTARTER FOR INDUCTION MOTORS. HAROLD E. WHITE, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed May 25, 1925. Serial No. 32,527. 12 Claims. (Cl. 172-179.)



1. In a motor starter, the combination with a plurality of starting and running switches and actuating means therefor, of a magnetically operable line switch, and means for insuring the closure of the line switch subsequent to the closure of the starting switches and for insuring the opening of said line switch prior to the closure of said running switches.

1,642,002. ACCOUNTING SYSTEM. JOHN B. WILKINSON, Alliance, Ohio. Filed Nov. 3, 1924. Serial No. 747,415. 12 Claims. (Cl. 129-16.)



1. An account system comprising a plurality of sections for receiving account cards, and means for connecting said sections for limited, relative, sliding movement, said means comprising straps on the backs of said sections and flanges on the fronts of said sections, the flanges of one section being slidably embraced by the straps of the preceding section.

1,642,003. SILO. CLYDE C. WOODY, Winona, Minn., assignor to Madison Silo Company, Winona, Minn. Filed Apr. 5, 1926. Serial No. 99,949. Renewed Apr. 18, 1927. 3 Claims. (Cl. 72-6.)

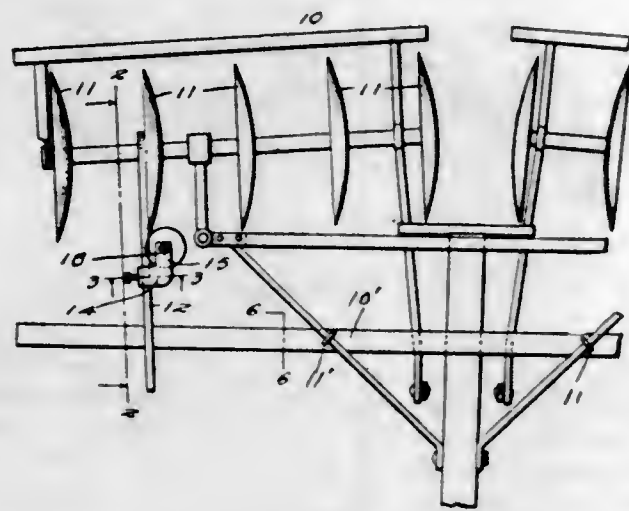


2. In combination, a silo having a door opening, a door positioned to close said opening and removable inwardly, spaced steps fixed adjacent to their ends to the face of the door, and upright fastening means carried by said steps and arranged to detachably engage the outer side of the silo above and below the door opening; the said fastener means comprising members flared at their outer ends.

1,642,004. DISK SHARPENER. JOSEPH C. ZUMWALT, Clay Center, Nebr. Filed Aug. 19, 1926. Serial No. 180,828. 1 Claim. (Cl. 76-85.)

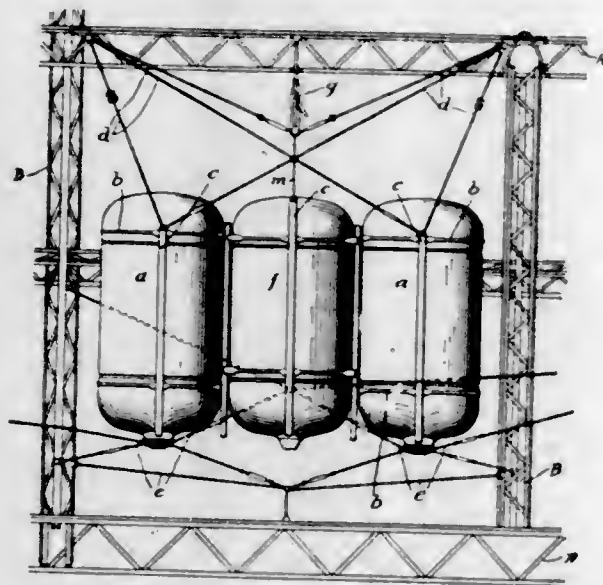
An agricultural disk sharpener comprising a flat bar having a hook on one end lying in the plane of the bar, a sleeve slidable on the bar having a terminally apertured arm formed on its upper side and extending trans-

versely of the upper edge of the bar and thence longitudinally in parallel relation to the bar, means for adjustably maintaining the sleeve at different positions on the bar, and a sharpening element disposed trans-



versely beneath said arm, and clamping means through the aperture of the arm and through the sharpening element, a portion of the periphery of the sharpening element overlapping the upper edge of said bar.

1,642,005. AIRCRAFT. KARL ARNSTEIN, Akron, Ohio, assignor to Luftschiffbau Zeppelin Gesellschaft mit beschränkter Haftung, Friedrichshafen, Bodensee, Germany. Filed Feb. 4, 1925. Serial No. 6,683. 7 Claims. (Cl. 244-1.)

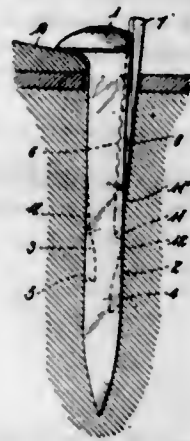


1. In aircraft in combination a structure, two tanks supported from said structure by tension members and stayed in relation to said structure, also by tension members, and a third tank detachably supported from said structure and arranged between said two other tanks so as to be held in position in relation to said two other tanks.

1,642,006. SPIKE. POLO C. AZZARA, Cresson, Pa. Filed Apr. 1, 1924. Serial No. 703,519. 1 Claim. (Cl. 85-23.)

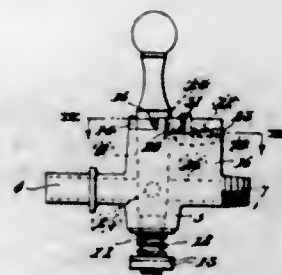
A spike of the character described, comprising a head, a shank provided with a recess and a locking pin having an integral wedge-shaped head provided with a smooth exterior face, said pin head being beveled diagonally downward on the inside thereof with respect to the

vertical axis of the pin to thereby form a wedge-shaped innerface with an exposed rib portion fitting within the recess of the spike shank, said locking pin having a



weakened portion near and spaced from the lower end thereof to facilitate bending and outward deflection upon engagement with the lower end of said recess.

1,642,007. AUTOMATIC SAFETY GAS COCK. JOHN BALTHASAR and HERMAN GENTZ, Jersey City, N. J. Filed Oct. 1, 1925. Serial No. 59,962. 1 Claim. (Cl. 251-164.)



The combination with a gas cock including a body formed with a longitudinal gas passage, and a rotary plug having a rigid handle extending laterally from one end thereof and adapted to project to one side of the body when the plug is positioned to close said passage, of a spring pressed latch bolt arranged longitudinally of the body and normally engaged with said plug to prevent rotation thereof from closed to open position, and a thumb lever operatively connected at its inner end with the latch bolt and projecting to the other side of the body, said thumb lever being arranged to be engaged at its outer end by the thumb of the hand grasping the plug handle and to be pushed thereby for release of the latch bolt, the thumb lever and the handle being movable in the same direction about their axes for releasing the latch bolt and opening the plug, respectively.

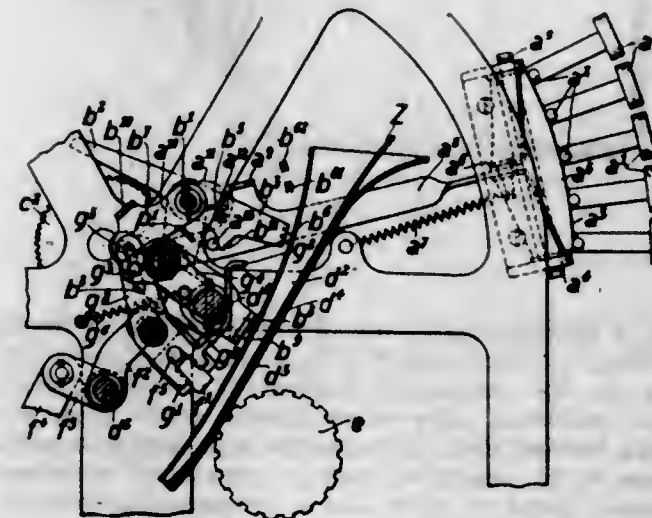
1,642,008. MACHINE FOR MAKING A RUBBERIZED FIBROUS COMPOSITION. PAUL BEEBE, Akron, Ohio, assignor to The Goodyear Tire & Rubber Company, Akron, Ohio, a Corporation of Ohio. Filed Nov. 15, 1922. Serial No. 601,195. 2 Claims. (Cl. 92-49.)



1. A machine for forming and drying a sheet of fibrous composition containing a liquid that comprises felt mem-

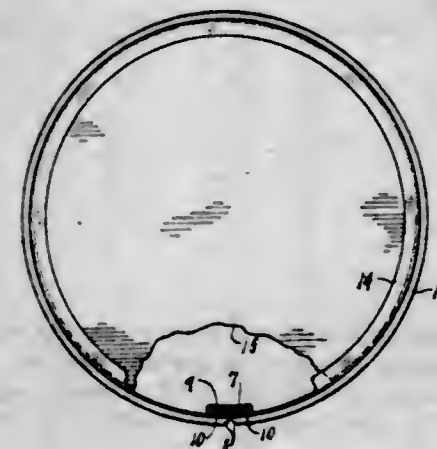
bers for engaging the opposite sides of the sheet, adapted to absorb the liquid therefrom, means for removing the absorbed liquid from the felt and drying drums having ironing shoes adjacent thereto for completing the forming and drying operation.

1,642,009. LOCKING DEVICE FOR THE DRIVE OF MACHINES WITH PRINTING OR FEELING MECHANISMS. AUGUST BESSLER, Essen, Germany, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Filed July 17, 1924. Serial No. 726,643, and in Germany Aug. 1, 1923. 12 Claims. (Cl. 101-93.)



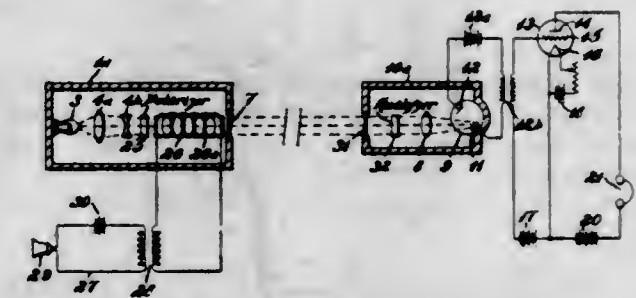
1. In a machine of the character stated, drive means, releasing means for said drive means, and a feeler operable on a card introduced into said machine for controlling the operation of said releasing means, said feeler being under the influence of said releasing means.

1,642,010. CLOSURE CAP. LESLIE R. N. CARYALHO, Toledo, Ohio, assignor to The Closure Service Company, Toledo, Ohio, a Corporation of Ohio. Filed Mar. 8, 1926. Serial No. 93,063. 7 Claims. (Cl. 215-95.)



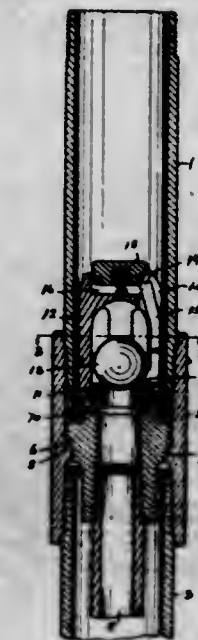
1. In a closure construction of the character set forth, a transversely divided annular band, opposed pockets at the meeting ends of the band, and a connector rigidly securing the pockets together and arranged entirely upon the inner side of the band.

1,642,011. LIGHT TELEPHONY. LEWIS WARRINGTON CHUBB, Edgewood Park, Pa., assignor to Westinghouse Electric and Manufacturing Company, a Corporation of Pennsylvania. Filed June 15, 1921. Serial No. 477,629. 7 Claims. (Cl. 250-7.)



1. The method of light-telephony which consists in producing a polarized beam of light, causing said beam to be variably rotated in accordance with sound frequency signals to be transmitted and causing said variably rotated beam to produce varying photo-electric effects in a receiving circuit.

1,642,012. VALVE MECHANISM. WALTER L. CHURCH, Houston, Tex. Filed Mar. 30, 1925. Serial No. 19,373. 3 Claims. (Cl. 103-229.)

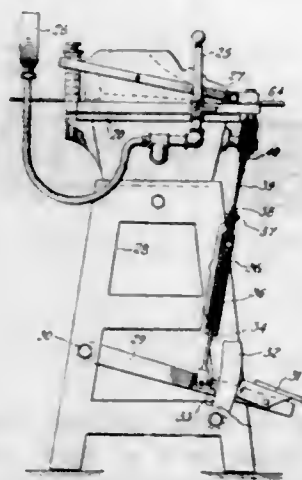


1. A valve mechanism including a tubular internally threaded member having an internal blank seat, a valve body having external threads adapted to intermesh with the internal threads of said member and also having a fluid passageway therethrough, an external blank seat on said body located intermediate its ends and beneath the threads thereof, said seats being adapted to abut when the body is screwed into said member to form a fluid tight joint.

1,642,013. APPARATUS FOR THE MANUFACTURE OF RUBBER-SOLED FOOTWEAR. CHARLES HORACE RUSSELL COLLINS, Marrickville, near Sydney, New South Wales, Australia. Filed Nov. 4, 1926. Serial No. 146,252, and in Australia Nov. 23, 1925. 9 Claims. (Cl. 18-17.)

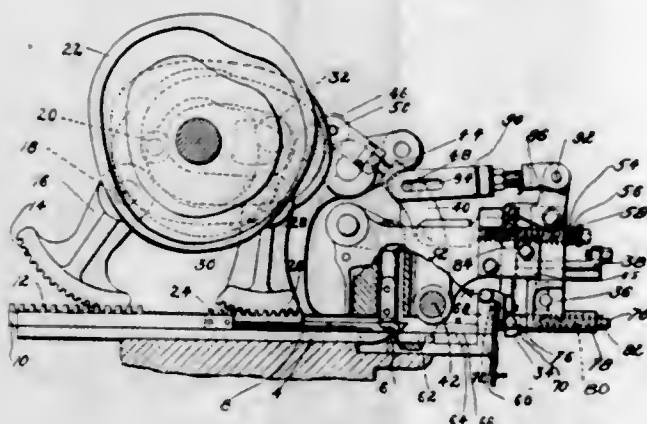
1. A machine for supplying rubber soles to footwear comprising a hot table, a vertically divided mould with its respective sections hinged mounted on a vertical post

fired in the table a bolt adapted to lock said mould sections together, a pedal operated bridge connected to the opening ends of the mould section and arranged for



drawing them together when pressure is applied to the pedal, and spring means for separating the mould sections when the bolt and the pedal pressure are released.

1,642,014. FASTENING-INSERTING MACHINE. JOHN W. COSGROVE, Medford, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Oct. 2, 1920. Serial No. 414,281. 20 Claims. (Cl. 12-17.)

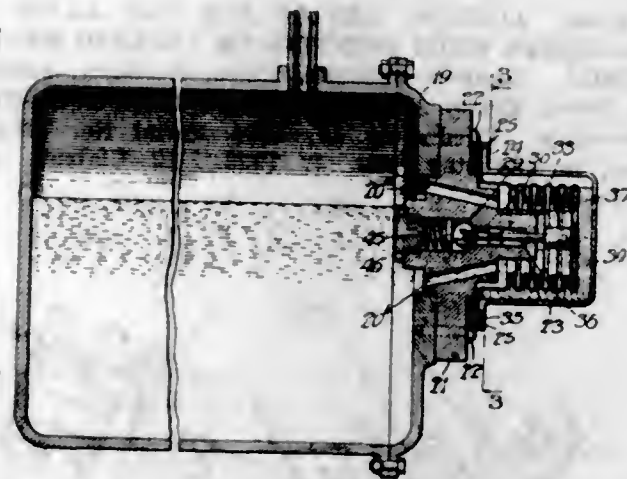


29. A fastening inserting machine having, in combination, an abutment arranged to receive an insole, means for clamping an insole to said abutment, a bender movable transversely of the surface of the insole to bend the end of the rib of the insole back toward the surface of the insole, means movable substantially at right angles to the surface of the insole to force the end of the rib firmly against the surface of the insole, and means for inserting a staple to secure the rib to the insole while the rib and the insole are thus held.

1,642,015. REFRIGERATING APPARATUS. ROBERT CRAMER, Chicago, Ill., assignor, by mesne assignments, to Delco-Light Company, Dayton, Ohio, a Corporation of Delaware. Filed June 4, 1921. Serial No. 474,909. 12 Claims. (Cl. 62-8.)

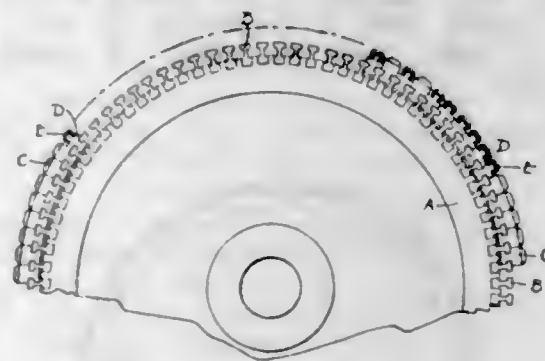
1. Refrigerating apparatus of the class described, comprising an evaporator normally containing therein a quantity of liquid refrigerant and having inlet and outlet

connections for the refrigerant, and thermostatic means responding to a fall in level of said liquid refrigerant and cooperating with one of said connections for maintaining the level of the refrigerant in the evaporator within predetermined limits.



11. A refrigerating system including a series of cooling chambers, cooling means therein, main supply and return pipes for the refrigerant common to all such cooling means, individual pairs of supply and return pipes connecting between each cooling means and such main pipes, independently controlled pumps associated with said individual pairs of pipes, and a refrigerating apparatus including an evaporator connected with said main pipes and a condenser and a compressor connected with each other and with the evaporator.

1,642,016. PRINTING DEVICE. ROBERT J. DELEHANTY, Cleveland, Ohio, assignor to The American Multigraph Company, Cleveland, Ohio, a Corporation of Ohio. Filed Oct. 16, 1926. Serial No. 141,972. 8 Claims. (Cl. 101-396.)

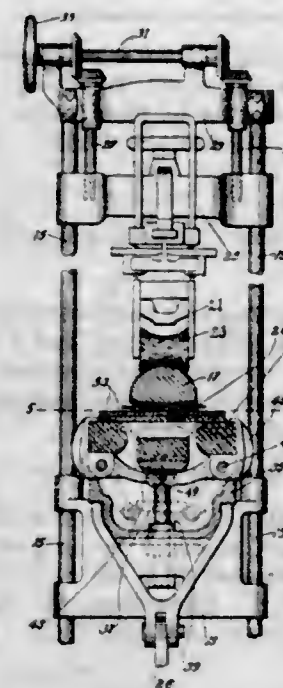


1. The combination with a support having parallel rails with overhanging edges, of a bar adapted to be mounted between adjacent rails, and held thereby, an embossed printing strip, and means for holding it on the top of the bar.

1,642,017. SOLE-LAYING MACHINE. ARTHUR C. ESTREY, Fayville, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Jan. 26, 1922. Serial No. 531,879. 26 Claims. (Cl. 12-33.)

1. A machine for laying an unvulcanized rubber sole on the bottom of a lasted shoe, having, in combination,

a resilient member for pressing the sole against the bottom of the shoe, resilient members for pressing the upturned margin of the sole against the sides of the shoe,



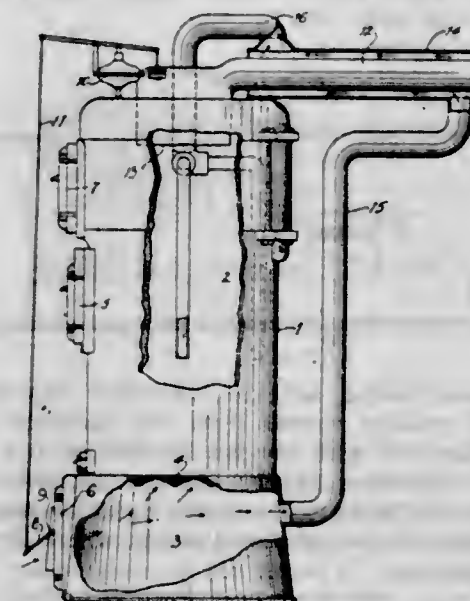
means for causing the sole to be forced against the bottom-pressing member, and means for moving the side-pressing members toward the shoe.

1,642,018. RUBBER CONVERSION PRODUCT AND METHOD OF MAKING SAME. HARRY L. FISHER, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a Corporation of New York. Filed Dec. 28, 1926. Serial No. 157,622. 8 Claims. (Cl. 106-23.)

1. The method of treating rubber which comprises admixing trichloroacetic acid with rubber, and heating the mix under conditions causing the rubber to be changed to a thermoplastic product.

8. A composition of matter comprising the product of the reaction, under the influence of heat, of trichloroacetic acid, a phenol, and rubber.

1,642,019. FURNACE. IRA W. FOLTZ, Chicago, Ill. Filed Oct. 27, 1920. Serial No. 419,879. 4 Claims. (Cl. 110-75.)



1. The combination with a furnace structure providing a fire-box, an ashpit having an air inlet and an outlet, a grate, an outlet flue exterior to said furnace for carrying therefrom the products of combustion, of an air heating drum surrounding said outlet flue exterior to said furnace, an air supply conduit connecting said air heat-

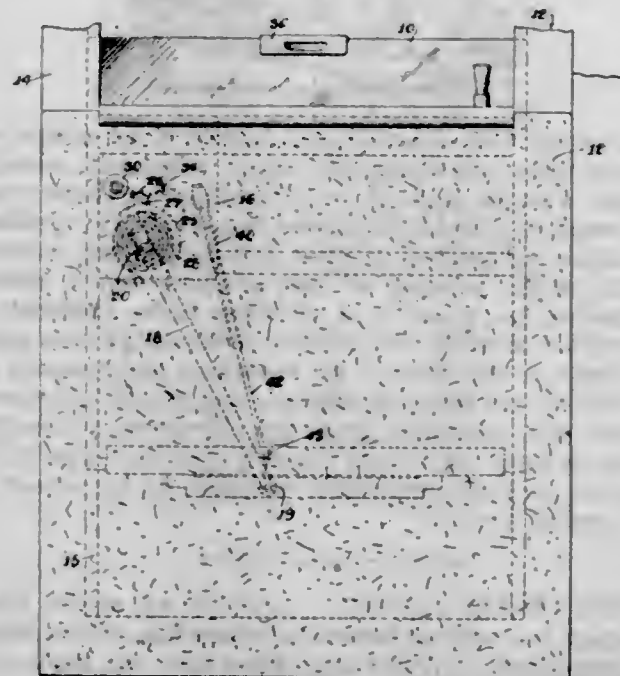
ing drum with the said air outlet in said ashpit for conveying air from said ashpit to said air heating drum, and an air delivery conduit for conveying air from said air heating drum to said fire-box, which said air supply conduit together with said air heating drum and said air delivery conduit form one continuous air conduit exterior to said furnace having an inlet in the ashpit and having an outlet in the fire-box.

1,642,020. WINDOW REGULATOR. BERTRAM J. GOLD-SMITH and EMIL KOEB, New York, N. Y., assignors to Perfect Window Regulator Corporation, Long Island City, N. Y., a Corporation of Delaware. Filed May 28, 1925. Serial No. 33,377. 16 Claims. (Cl. 16-200.)



1. In combination with a frame member and a slidable window carried thereby, controlling mechanism for said window including means tending continuously to move said window upwardly, manually controlled means for preventing said first mentioned means from functioning and additional means operative when said manually controlled means are inoperative to prevent unlimited operation of said first named means.

1,642,021. WINDOW REGULATOR. BERTRAM J. GOLD-SMITH and EMIL KOEB, New York, N. Y., assignors to Perfect Window Regulator Corporation, Long Island City, N. Y., a Corporation of Delaware. Filed May 28, 1925. Serial No. 33,378. 11 Claims. (Cl. 16-200.)

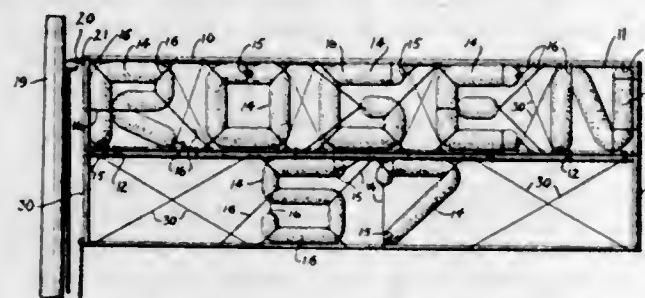


1. In combination with a supporting structure, a slidable window carried thereby, counterbalancing means tending to maintain said window in raised position, releasable stop mechanism for preventing said window from being raised, and means for limiting the speed of the upwardly moving window when said stop mechanism is released.

1,642,022. SIGN. JACOB F. GROH, Los Angeles, Calif., assignor of one-half to James H. Groh, Ocean Park, Calif. Filed Mar. 3, 1925. Serial No. 12,811. 1 Claim. (Cl. 40-127.)

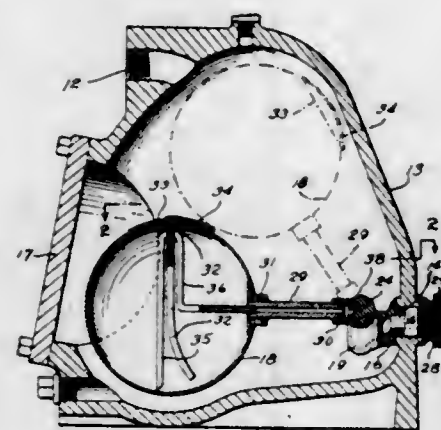
In a sign, a supporting member comprising a relatively light frame comprising longitudinal members and transverse members united to and holding said longitudinal members in spaced apart relation, characters arranged within and upon said frame, said characters being formed

by hollow tubular bodies, said bodies containing a fluid of lighter than air density, said hollow tubular bodies when free from said frame being straight and means for forming said hollow tubular bodies into the form of said



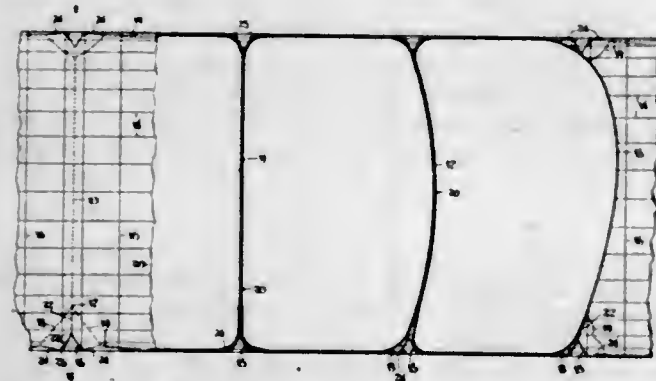
characters, said means comprising strings engaging the normally straight hollow tubular bodies and attached to said frame in such a manner as to form said airtight hollow tubular bodies into the desired character.

1,642,023. STEAM TRAP. THEODORE HAIGHT, Brooklyn, N. Y. Filed May 13, 1925. Serial No. 29,942. 2 Claims. (Cl. 137-103.)



1. A steam trap comprising a receptacle for condensed liquid in open communication with a supply of pressure medium; a valve member for controlling an outlet from said receptacle; operating means for said valve member, said means embodying a thin walled flotation member operable in the presence of said pressure supply, means for limiting the quantity of moisture to be admitted to the flotation member, and means for admitting said pressure supply to the interior for equalizing the pressure on the walls of said flotation member, said means embodying an inlet pipe extending from the top of said flotation member to near the bottom thereof, said inlet pipe being shaped in correspondence with the path of movement of said flotation member.

1,642,024. RIGID AIRSHIP. PAUL HELMA, Akron, Ohio, assignor to Goodyear-Zeppelin Corporation, Akron, Ohio, a Corporation of Delaware. Filed Oct. 19, 1925. Serial No. 63,314. 8 Claims. (Cl. 244-3.)



1. An airship structure comprising longitudinally extending girders and transversely disposed rings constituting a hull, individual gas cells disposed within the hull,

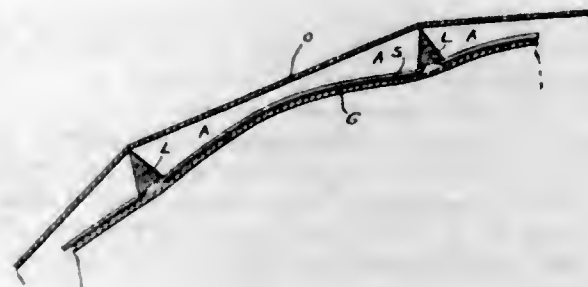
and means for transmitting bulging stresses of the gas cells to the hull substantially longitudinally with respect to the longitudinal girders thereof.

1,642,025. CROSS-ARM. ROGER F. HOSFORD, Montclair, N. J., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Dec. 28, 1923. Serial No. 683,236. 1 Claim. (Cl. 173-321.)



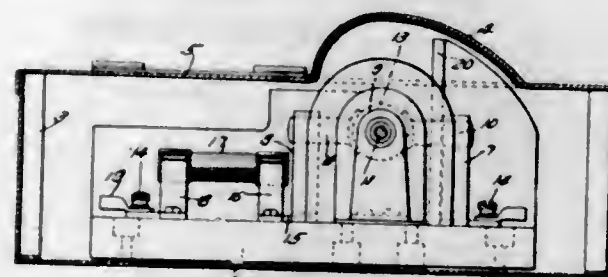
A crossarm comprising two parallel main members fixed in separated relation to each other, and a plurality of insulator pins secured to said main members, said insulator pins being deeply grooved from the bottoms thereof to fit over one of said main members.

1,642,026. AIRSHIP. KARL HÜTTLE, Friedrichshafen, Bodensee, Germany, assignor to Luftschiffbau Zeppelin Gesellschaft mit beschränkter Haftung, Friedrichshafen, Bodensee, Germany. Filed Feb. 11, 1925. Serial No. 8,352, and in Germany Feb. 29, 1924. 8 Claims. (Cl. 244-3.)



5. In a rigid airship, a hull, a compartment within said hull, a gas cell inserted in said compartment, a network of strings confining the bulging of the walls of said cell, said strings being impregnated with a substance which reduces their elastic expansion.

1,642,027. SWITCH MECHANISM. OLIVER S. JENNINGS, Brooklyn, N. Y., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Dec. 2, 1920. Serial No. 427,776. 7 Claims. (Cl. 200-151.)

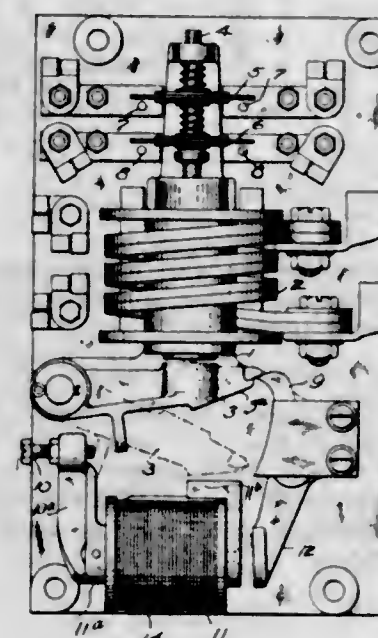


1. The combination with a switch-jaw member and a snap-switch member spaced from and movable into and out of engagement with the jaw member with a snap action, of a transverse barrier disposed between the axis of rotation of the switch member and the jaw member and provided with an aperture through which the movable member operates.

1,642,028. SYSTEM OF CONTROL. HOWARD H. JOHNSTON, Edgewood, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Dec. 30, 1920. Serial No. 434,076. 7 Claims. (Cl. 200-98.)

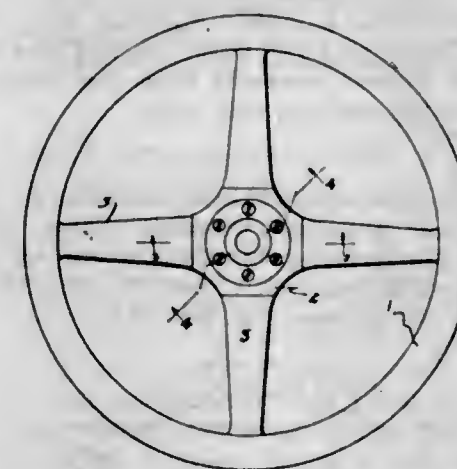
1. In control apparatus, in combination, a contact member disposed for movement, a coil for actuating the

contact member, said coil being adapted to function when energized by a predetermined current, means for locking the contact member in a predetermined position, means for



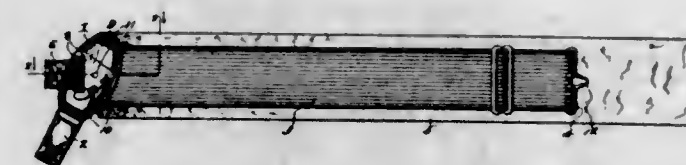
releasing the contact member and means for utilizing the releasing means to oppose the actuation of the contact member by said coil.

1,642,029. WOOD-SPOKED STEERING WHEEL. ADOLPH G. JONES, Celeron, N. Y., assignor, by mesne assignments, to The Lobbell-Emery Mfg. Co., Alma, Mich., a Corporation of Michigan. Filed Nov. 12, 1923. Serial No. 674,166. Renewed Jan. 25, 1927. 21 Claims. (Cl. 74-33.)



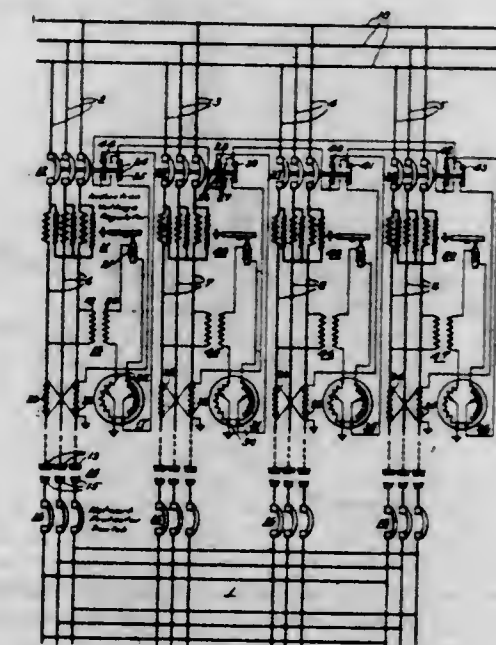
1. A steering wheel comprising a wooden rim, four wooden spokes of materially greater width than thickness secured to the rim at the outer ends and extending inwardly on radial lines at an angle to the plane of the rim, each spoke having a tongue at the inner end less in thickness and greater in width than the body of the spoke, a centrally apertured wooden hub having grooves to receive the tongues, the spoke ends at the point of junction of the tongues therewith abutting the wooden hub, and a metal hub secured in the aperture of the wooden hub and having radial arms each extending outwardly along one side of and attached to a spoke beyond the junction thereof with the wooden hub.

1,642,030. GARTER SHIELD. ZOLTAN J. KEGL, York, Pa. Filed Sept. 29, 1926. Serial No. 138,517. 4 Claims. (Cl. 241-6.)



1. In combination with a garter having companion fastener elements at its ends, a protecting strip having one end detachably secured to the fastener element at one end of the garter, said protecting strip being of greater width and length than the garter and extending longitudinally thereof against its inner surface and adapted to be disposed between the garter and a leg encircled thereby.

1,642,031. ELECTRICAL DISTRIBUTION SYSTEM. ARTHUR H. KEHOE, Rutherford, N. J., assignor to Westinghouse Electric and Manufacturing Company, a Corporation of Pennsylvania. Filed June 30, 1925. Serial No. 40,486. 13 Claims. (Cl. 171-119.)

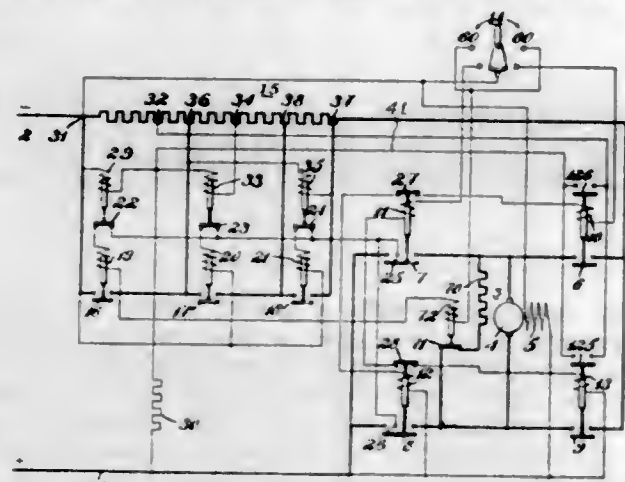


1. In an electrical system of distribution, the combination with a distribution network and a plurality of feeder circuits for supplying energy thereto, each of said feeder circuits comprising a source of energy, a feeder circuit interrupter, a voltage regulator, a load compensator, and a network protector switch, of means for energizing each load compensator partially in accordance with a predetermined electrical characteristic of the feeder circuit associated therewith, and partially in accordance with a second predetermined electrical characteristic of the next operative feeder circuit in a predetermined sequence of selection.

1,642,032. CONTROL SYSTEM. HAROLD L. KEITH, Wilkinsburg, Pa., assignor to Westinghouse Electric and Manufacturing Company, a Corporation of Pennsylvania. Filed May 23, 1919. Serial No. 299,181. 13 Claims. (Cl. 172-288.)

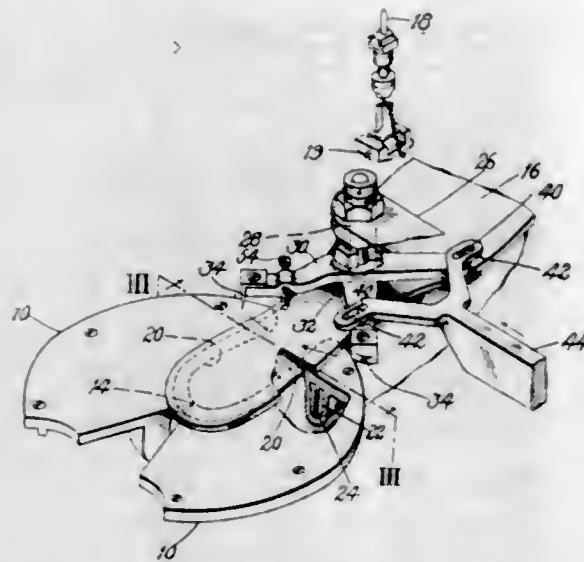
1. The combination with an electric motor having a resistor associated therewith, a plurality of switches for respectively controlling sections of said resistor and a

relay for each of said switches, said relays having actuating coils the terminals of which are connected to intermediate points of adjacent sections, of means whereby



said relays restrain the corresponding switches until the voltage of said coils successively decreases to substantially the same value.

1,642,033. HEEL-SEAT-FITTING MACHINE. JOHN A. KELLY, Brooklyn, N. Y., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Nov. 15, 1926. Serial No. 148,453. 17 Claims. (Cl. 12-17.)

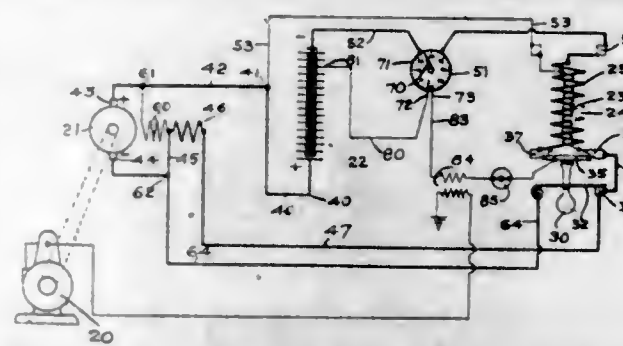


17. A heel-seat fitting machine having, in combination, a pair of crease plates arranged to enter the rand crease of a shoe to position the shoe and support the edge of the heel-seat portion of its sole, an arm overhanging the shank of a shoe thus positioned, a finger carried by said arm and mounted for pivotal movement about a point forward of the heel-crest line of the shoe, a cutter carried by said finger, and means for swinging the finger about its pivot to cause the cutter to cut a heel-crest engaging shoulder in the sole of the shoe.

1,642,034. SYSTEM OF ELECTRICAL DISTRIBUTION AND CONTROL. CHARLES F. KETTERING and WILLIAM A. CHRYST, Dayton, Ohio, assignors, by mesne assignments, to Delco-Light Company, Dayton, Ohio, a Corporation of Delaware. Filed Sept. 14, 1916, Serial No. 120,098. Renewed Sept. 30, 1921. Serial No. 504,499. 20 Claims. (Cl. 290-35.)

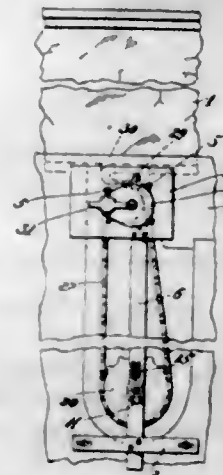
5. In an electrical system, the combination with an engine; of a dynamo having a plurality of field circuits, and capable of operation as a motor for starting the engine or as a generator with certain of the field circuits operative; ignition apparatus for the engine; a current source; and a controller including manually operable means for connecting the current source with the ignition apparatus and with the dynamo and for bringing other of the field circuits into effective operation in order

that the dynamo may operate as a high torque motor, said controller including automatic means for maintain-



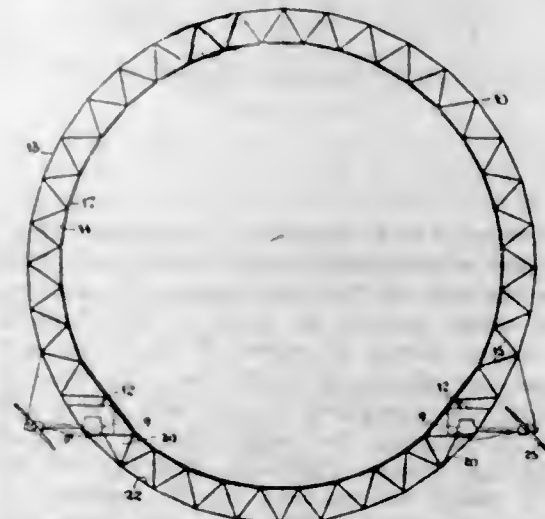
ing the connection between the ignition apparatus and current source while permitting certain of the field windings to be rendered ineffective.

1,642,035. WINDOW REGULATOR. PETER JOHN KURSCHIEDT and HARRY E. NORWOOD, New York, N. Y., assignors, by mesne assignments, to Perfect Window Regulator Corporation, Long Island City, N. Y., a Corporation of Delaware. Filed Apr. 29, 1922. Serial No. 557,470. 6 Claims. (Cl. 268-128.)



1. In a window regulator, a bar, a slide comprising a plate slidable on said bar, a wheel rotatably mounted on said slide, a linear member running over said wheel for transmitting motion, a spring engaging said plate and said bar for tensioning the linear member and anti-friction members pressed inwardly from the metal of said plate and slidably engaging said bar.

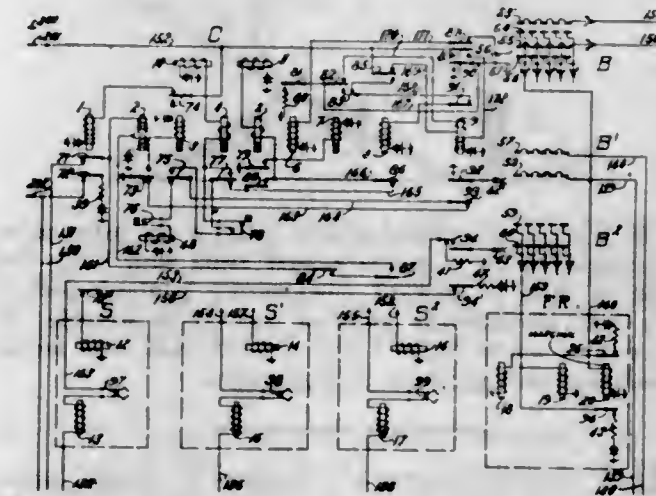
1,642,036. POWER PLANT FOR AIRSHIPS. RICHARD LIEBERT and WILHELM FISCHER, Akron, Ohio, assignors to Goodyear-Zeppelin Corporation, Akron, Ohio, a Corporation of Delaware. Filed Oct. 19, 1925. Serial No. 63,379. 11 Claims. (Cl. 244-6.)



1. A rigid airship comprising an elongate fabricated hull structure including coaxial substantially annular inner

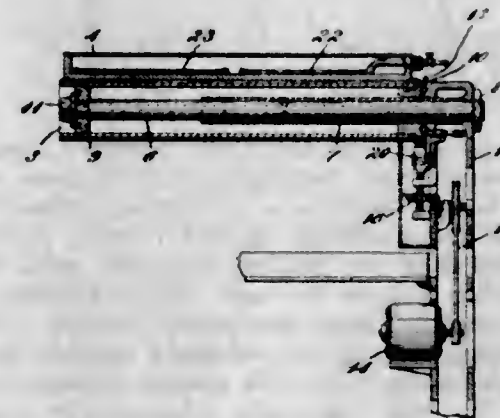
and outer structural elements and means for supporting a motor within the boundaries of the fabricated structure between the inner and outer elements.

1,642,037. TELEGRAPH SWITCHING SYSTEM. CLARENCE E. LOMAX, Chicago, Ill., assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill., a Corporation of Delaware. Filed July 8, 1925. Serial No. 41,460. 20 Claims. (Cl. 178-2.)



1. In a telegraph system, a plurality of receiving stations divided into two groups, a closed local circuit for each station, a sending station, means for establishing a connection including said sending station and a receiving station of each group, said connection being completely established before said closed circuit is opened.

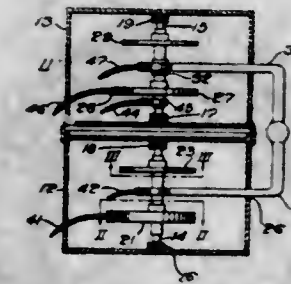
1,642,038. IRONING MACHINE. HERBERT LOUTH, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Nov. 6, 1920. Serial No. 422,130. 2 Claims. (Cl. 68-9.)



1. In an ironing machine, the combination with an upright frame member, of a horizontal member secured thereto, a cylinder rotatably mounted on said horizontal member, and means for preventing relative longitudinal movements of said cylinder and said horizontal member, said preventing means comprising a disk secured to said cylinder and having a bearing on said horizontal member, a shoulder on said horizontal member and means for retaining said disk adjacent to said shoulder.

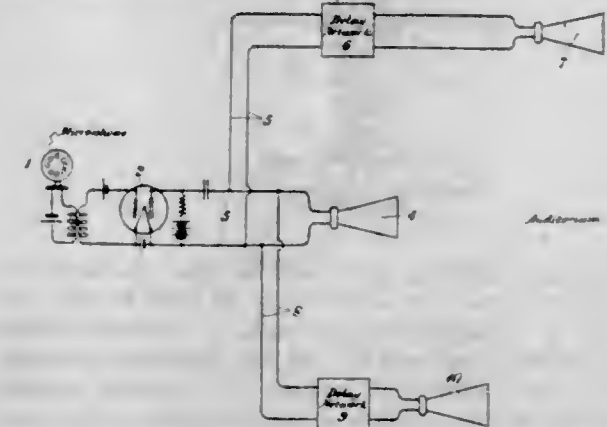
2. In an ironing machine, the combination with a rotatable member and a shoe member co-operating therewith, of means for actuating said shoe member alternately to its operative position and to its inoperative position upon similar and successive manipulations of said actuating means, said means comprising a latching mechanism, a lever connected to said shoe, and a second lever for effecting the engagement and the release of the first lever by said mechanism upon successive operations of the second lever.

1,642,039. THERMAL RELAY. HOWARD D. MATTHEWS, Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Apr. 28, 1925. Serial No. 26,333. 2 Claims. (Cl. 200-113.)



1. A thermal relay for an energy-transferring device, comprising a plurality of shafts, spring restraining means for each of said shafts, a plurality of cooperating contact members carried by said shafts, a bimetallic element associated with one of said shafts for actuating the same in accordance with the current traversing said energy-transferring device, and a second bimetallic element associated with the second shaft for actuating the same in accordance with the voltage of said energy translating device.

1,642,040. PUBLIC-ADDRESS SYSTEM. BRUNSON S. MCCUTCHEN, North Plainfield, N. J., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Dec. 12, 1925. Serial No. 75,116. 4 Claims. (Cl. 173-1.)



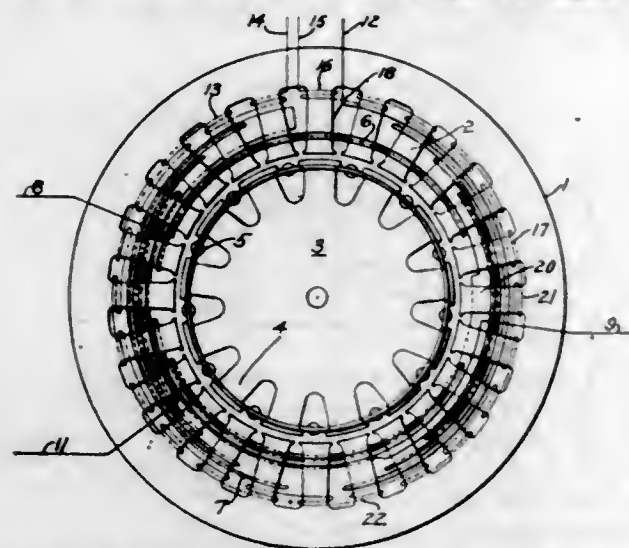
1. In a public address system a transmitter circuit, a plurality of circuits associated therewith including loud speaking receivers located at various distances from said transmitter, and delay networks in certain of said circuits.

1,642,041. INDUCTOR-TYPE FREQUENCY CHANGER. ALEXANDER NYMAN, Swissvale, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Jan. 7, 1922. Serial No. 527,606. 9 Claims. (Cl. 172-281.)

1. The method of generating relatively high frequency currents of substantially constant amplitude from alternating currents of relatively low frequency which consists in establishing low-frequency alternating fluxes substantially equal and having a substantially 90-degree time-phase relation with respect to the low-frequency cycle, generating from said fluxes high-frequency electromotive forces having a substantially 90-degree phase-displacement with respect to the high-frequency cycle and causing said electromotive forces to be combined in series-circuit relation.

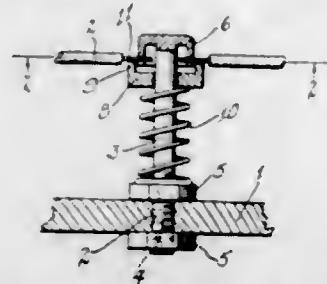
2. In a high-frequency generator, the combination with a yoke member, of means for establishing a rotating magnetic flux therein, a relatively rotating inductor member cooperating with said yoke member and carrying a plurality of magnetizable portions with intervening non-magnetizable portions passing the adjacent portions of said yoke member, and a winding on said yoke member including pairs of electrically-connected conductors spaced approx-

mately one-half of the distance between a north pole and a south pole of said rotating flux at any instant, said plurality of magnetizable portions being so arranged with



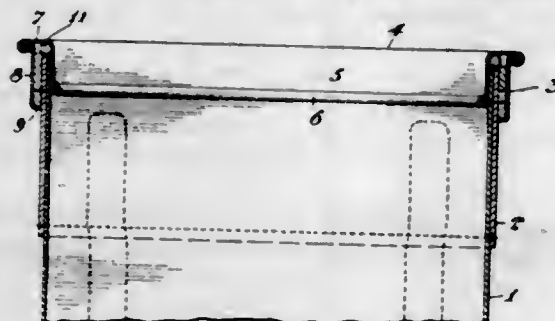
respect to said pairs of conductors as to produce, in the conductors of each of said pairs, pulsations of flux in substantially 90° time-phase relation, one to the other.

1,642,042. ELECTRICAL BINDING TERMINAL. JOHN L. POLK, La Grange, Ill. Filed Feb. 9, 1925. Serial No. 7,986. 1 Claim. (Cl. 173-259.)



An electrical binding terminal of the character described comprising a post arranged to be fixed at its lowermost end to a supporting surface, a washer slidably mounted on said post and having an upwardly extending marginal flange, said post having an enlarged integral head portion at the uppermost end thereof, and a compression spring mounted concentric with said post between said washer and the lower end of said post for yieldingly holding said washer in close engagement with said head, said head portion being provided with a depending marginal flange having a plurality of grooves equally spaced around the lower edge thereof, said grooves having arcuate-shaped upper surfaces whereby one or more conductors may be readily inserted therein from any angle and rigidly held in place, the arcuate-shaped surfaces of the grooves conforming to the conductors.

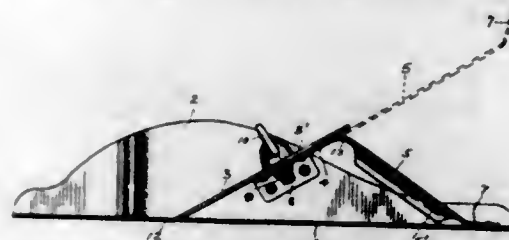
1,642,043. GOLF-BAG TOP. HENRY V. RAU, Brooklyn, N. Y., assignor to A. G. Spalding & Bros., New York, N. Y., a Corporation of New Jersey. Filed Jan. 22, 1926. Serial No. 82,894. 5 Claims. (Cl. 150-1.5.)



1. In a golf bag, a body, an attaching ring secured about said body, an inner ring having a cylindrical wall

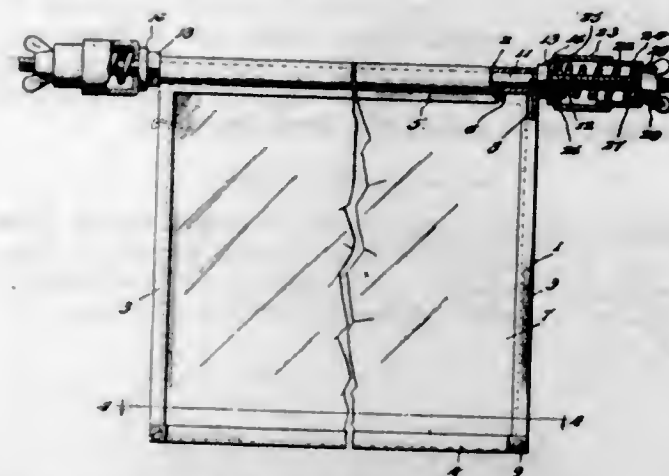
extending within the open end of said body, said inner ring being secured to the bag solely by being rolled with the attaching ring to form a bead.

1,642,044. PLANE. JOHN J. RITTER, Urbana, Ohio, assignor to The W. B. Marvin Manufacturing Company, Urbana, Ohio, a Corporation of Ohio. Filed Jan. 15, 1926. Serial No. 81,415. 5 Claims. (Cl. 145-5.)



1. In a plane, a channel-shaped body, a one-piece member constructed as a separate part from said body and shaped to form a forward downwardly inclined portion and a rear downwardly inclined portion to provide, respectively, a blade support and a palm rest, and means for securing both portions to said body.

1,642,045. GLARE SHIELD. FOREST C. RYDER, Elgin, Oreg. Filed May 25, 1926. Serial No. 111,595. 3 Claims. (Cl. 296-97.)



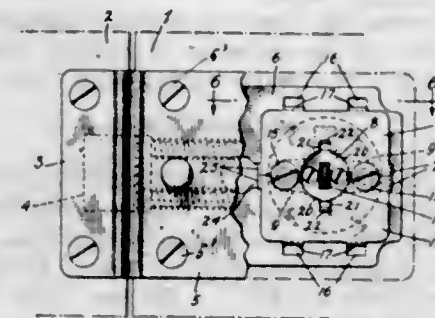
2. A glare shield of the class described comprising bracket members each including attaching means and an apertured bearing portion, a rod having threaded ends mounted in the apertures of said bearing portions, a frame including a top member supported upon the rod and extending between the said bearing portions, a nut adjustably threaded upon each end of the rod, a housing upon each end of said rod interposed between the bearing portions of the respective bracket member and the respective nut and comprising telescopically assembled housing members one bearing against the said bearing portion of the respective bracket member and the other against the nut, and a spring housed within each of said housings and bearing between the opposite ends thereof.

1,642,046. INTERLOCKING UNDERBELT. JOHN SAUER, Cincinnati, Ohio. Filed Aug. 19, 1925. Serial No. 51,222. 5 Claims. (Cl. 241-9.)



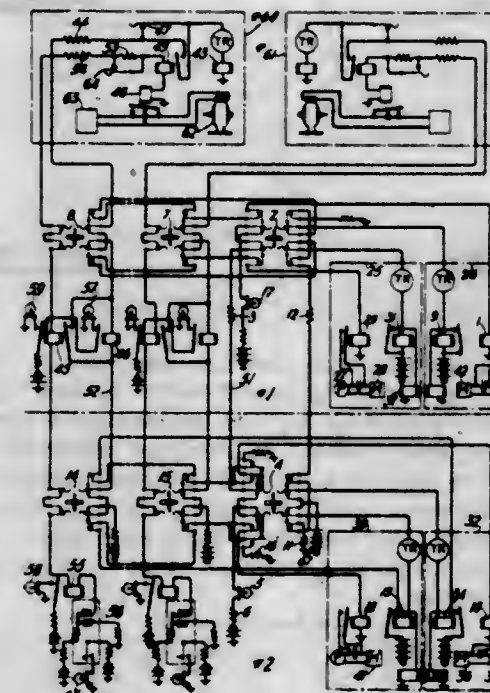
1. An underbelt for personal wear having a longitudinal depression on its outer surface and a longitudinal rib extending centrally of said depression, substantially as and for the purposes set forth.

1,642,047. CASING FOR LOCKS. SAMUEL SEGAL, New York, N. Y. Filed Aug. 1, 1925. Serial No. 47,432. 12 Claims. (Cl. 70-46.)



1. In a lock, a lock casing, a wall, a plate comprising a plurality of parts one of which is movable with respect to said wall, a pin-tumbler mechanism, and means extending through said wall and plate for securing said pin-tumbler mechanism to said lock casing.

1,642,048. PRINTING TELEGRAPH SYSTEM. GILBERT S. VERNAM, River Edge, N. J., and DONALD B. PERRY, Yonkers, N. Y., assignors to American Telephone and Telegraph Company, a Corporation of New York. Filed Nov. 28, 1925. Serial No. 71,978. 8 Claims. (Cl. 178-2.)

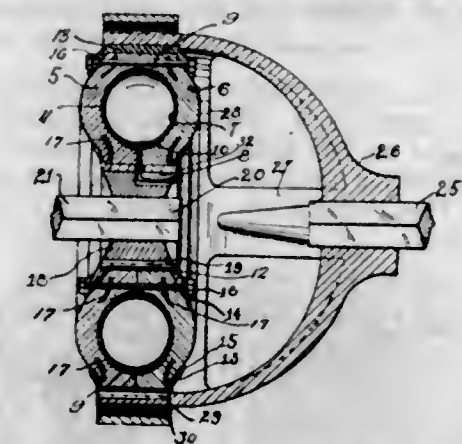


1. In a printing telegraph system, a plurality of central stations, a plurality of substations, printing telegraph receiving and transmitting equipment at each station, and switching means at each substation for selectively establishing a printing telegraph communication circuit with any of said central stations.

1,642,049. SHOCK ABSORBER. CLARENCE W. WALTZ, Cleveland, Ohio. Filed Jan. 2, 1925. Serial No. 100. 4 Claims. (Cl. 64-96.)

1. In a device of the character described comprising in combination a pair of annular resilient casing members separated along a plane parallel to the annulus, reinforcing material embedded in the marginal portions of the casing members, a continuous pneumatic tube encased by the said members, means contacting with the marginal portions for retaining said casing members in close

relation comprising inner and outer flanged members means rigid with the flanged members engaging the reinforcing material, and adapter means rigid with both of the flanged members whereby the device may be attached to relatively movable members.



forcing material, and adapter means rigid with both of the flanged members whereby the device may be attached to relatively movable members.

1,642,050. FOLDABLE WATERPROOF BOOT. EDWARD R. WHARTON, Medford, Mass. Filed Nov. 26, 1926. Serial No. 150,829. 1 Claim. (Cl. 36-6.)



A foldable waterproof boot, comprising a waterproof bottom portion including a wear-sustaining sole and heel, and a wear-sustaining upper member upstanding therefrom, an outer leg layer of thin and limp transparent waterproof sheet material, having a waterproof connection with the upper member, so that the boot has a water-excluding external surface in part on the bottom portion, and in part on the outer layer, and a flexible reinforcing inner leg layer joined to the upper member and to the outer layer, the inner layer being of openwork construction, so that it has slight openings and may be compactly folded, and composed of material of greater strength and stiffness than that of the outer layer, so that when the boot is in use, the outer layer is reinforced and supported by the inner layer, with portions of the stocking visible, the leg formed by said layers being adapted to be folded compactly around the bottom portion for storage.

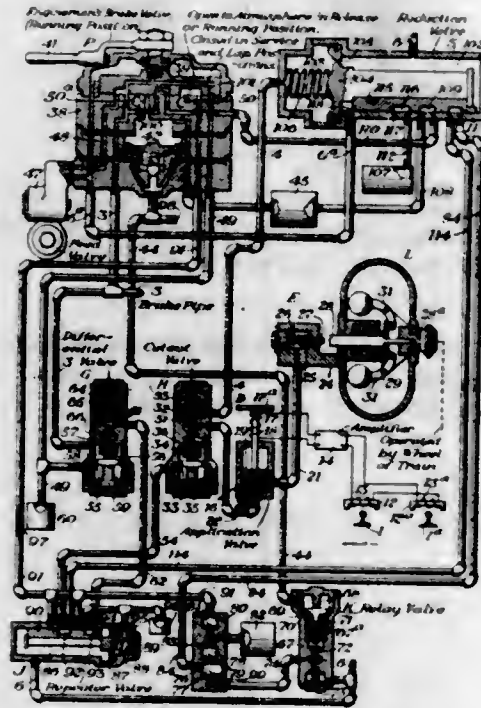
1,642,051. AERATOR FOR FLOTATION ORE SEPARATORS. HAROLD WALL, Salt Lake City, Utah. Filed July 28, 1925. Serial No. 46,558. 11 Claims. (Cl. 201-122.)



1. The combination, with a flotation ore-separator cell, of an aerator therein, said aerator comprising air distributing means and means for conducting air thereto,

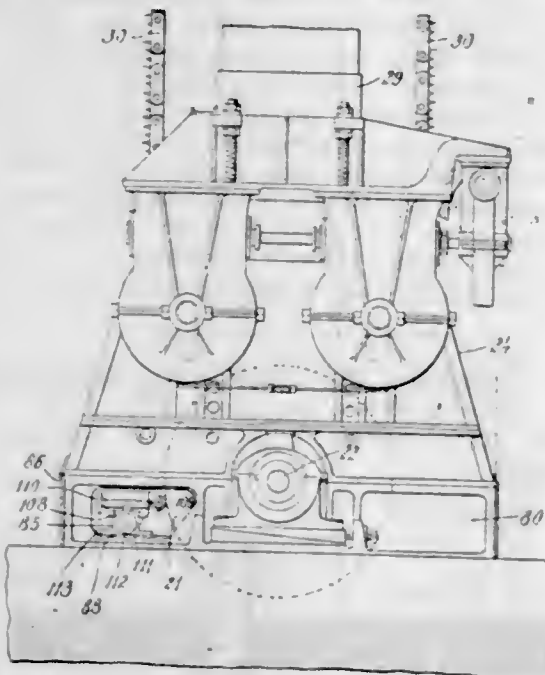
the last said means comprising a device adapted to prevent a return-flow of liquid by opposing to the liquid an overlying layer of entrapped air.

- 1,642,052. RAILWAY-TRAFFIC-CONTROLLING APPARATUS. HERBERT A. WALLACE, Edgewood Borough, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a Corporation of Pennsylvania. Filed Apr. 27, 1926. Serial No. 104,903. 15 Claims. (Cl. 246—182.)



1. Railway traffic controlling apparatus comprising automatic apparatus on a train for applying the brakes, means effective when the brakes are being applied manually to render said automatic apparatus ineffective, and means effective when the brakes are being released to render said automatic apparatus ineffective for a time interval.

- 1,642,053. TRUING LATHE FOR WOOD-PULP GRINDERS. JOHN JAMES WARREN, Brownville, N. Y. Original application filed Oct. 14, 1922, Serial No. 594,501. Divided and this application filed Mar. 4, 1924. Serial No. 696,781. 2 Claims. (Cl. 125—11.)



1. In a woodpulp grinder, the combination of a grindstone, a housing therefor, a truing lathe in the housing, a guideway therefor extending across the housing and outwardly therefrom, so that the lathe carriage can be run out of the housing when necessary.

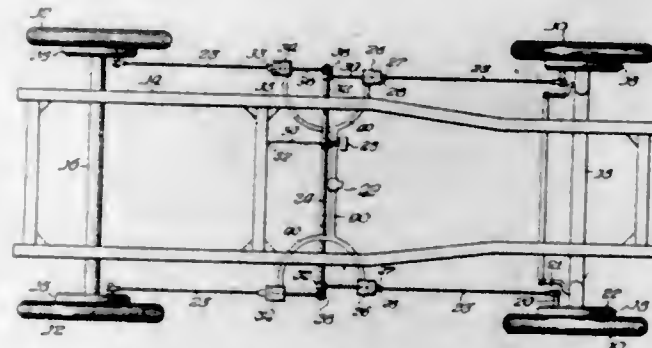
- 1,642,054. PROCESS FOR TREATING ANIMAL TISSUES AND PRODUCTS OBTAINED THEREFROM. FRIEDRICH W. WEBER, Hackensack, N. J. Filed Mar. 19, 1925, Serial No. 16,861. Renewed Jan. 31, 1927. 12 Claims. (Cl. 149—5.)

1. The process of treating hides, comprising acting upon the hides, in the presence of sodium chloride with the solution of a rare earth metal other than cerium.

- 1,642,055. PROCESS OF BRIQUETTING FUEL. PARK E. WELTON and GEORGE H. WADSWORTH, Akron, Ohio, assignors to The P. E. Welton Engineering Company, Akron, Ohio, a Corporation of Ohio. Filed Nov. 25, 1922. Serial No. 603,341. 4 Claims. (Cl. 44—10.)

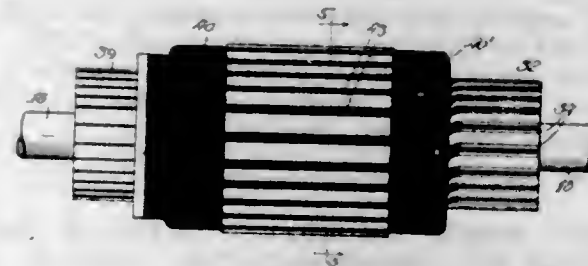
1. The process of making briquettes consisting of thoroughly mixing three parts of granulated or shredded oil refinery residue wax with two parts of sulfite biproduct liquor, to form a putty-like consistency, and then adding to this mixture one hundred parts of coal culm and thoroughly mixing it and then adding sufficient water to render the mass capable of being formed in a briquetting machine, and setting and baking the briquettes by the application of heat.

- 1,642,056. BRAKE-OPERATING MEANS. WILLIAM W. WHITE, Evanston, Ill., assignor to Bendix Brake Company, Chicago, Ill., a Corporation of Illinois. Filed Oct. 13, 1924. Serial No. 743,227. 5 Claims. (Cl. 188—204.)



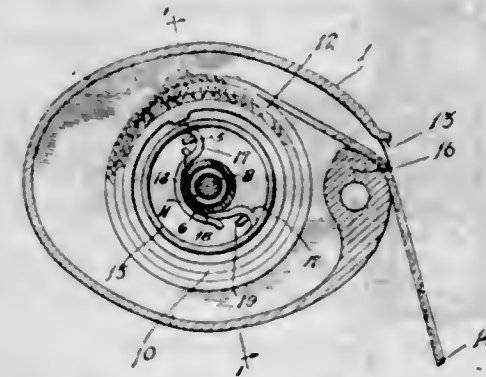
1. In combination with the running gear of a motor vehicle having wheels provided with brakes, a brake actuating rod extending to and mechanically connected with each of said brakes, an operator actuated device, fluid cylinders and co-operating pistons connected mechanically between said operator actuated device and said brake rods, and having relative movement with respect to each other, and a flexible fluid conduit connecting said cylinders.

- 1,642,057. ARMATURE. VINCENT G. APPLE, Dayton, Ohio. Filed Aug. 14, 1925. Serial No. 50,308. 10 Claims. (Cl. 171—206.)



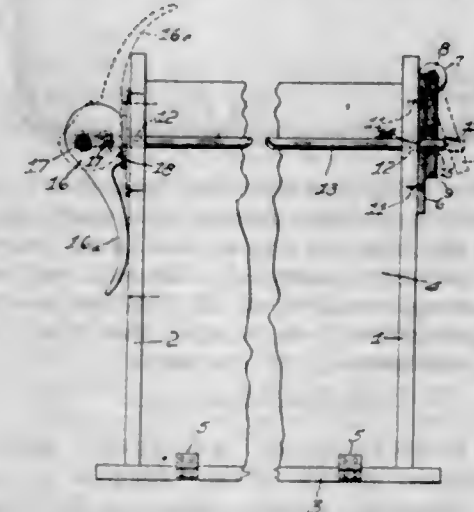
2. In an armature, a conductor loop, composed of two tapering conducting bars and integral commutator bars of substantially the same cross-sectional area throughout its entire length, said bars when placed one upon the other forming uniformly tapered wedge-shape conducting bars and composite commutator bars.

- 1,642,058. SPRING FOR SHOCK ABSORBERS. STANLEY HOWARD BISHOP and NORMA FON McNAUGHT, Chicago, Ill., assignors, by direct and mesne assignments, to Cross Manufacturing Company, Woodstock, Ill., a Corporation of Illinois. Filed June 16, 1924. Serial No. 720,391. 2 Claims. (Cl. 267—10.)



1. In a shock absorber, the combination of a supporting plate, an anchor plate riveted to said supporting plate and having a shaft supported thereby, a cup-shaped drum having a tubular hub therein supported on said shaft with its open end toward said plates, a lug on said anchor plate projecting into said drum, a similar lug projecting from the bottom of said drum, and a helical spring about said hub and having each end bent about one of said lugs without sharp curvature and extending backwardly about said hub to form a guide for said spring, said lugs being located substantially midway between said shaft and the helix of said spring.

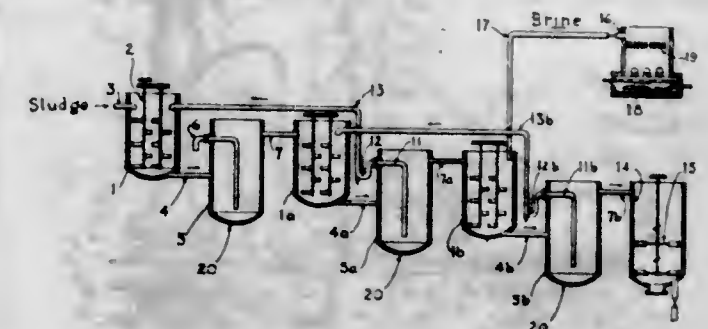
- 1,642,059. END-GATE LOCKING DEVICE. JOHN STANLEY BOWER, Aledo, Ill. Filed Oct. 29, 1926. Serial No. 145,034. 2 Claims. (Cl. 298—50.)



1. The combination with a vehicle body having sides provided with openings, of a rod extending through said openings, a plate secured to one of said sides and having an opening arranged to register with said first-named openings, a locking plate hinged to said last-named plate and having an opening arranged to receive the rod, the opening in said locking plate having an axis disposed angularly with respect to the axis of the rod when the first-named plate and the locking plate are in parallel position, and means at the opposite end of the rod for exerting tension on the rod.

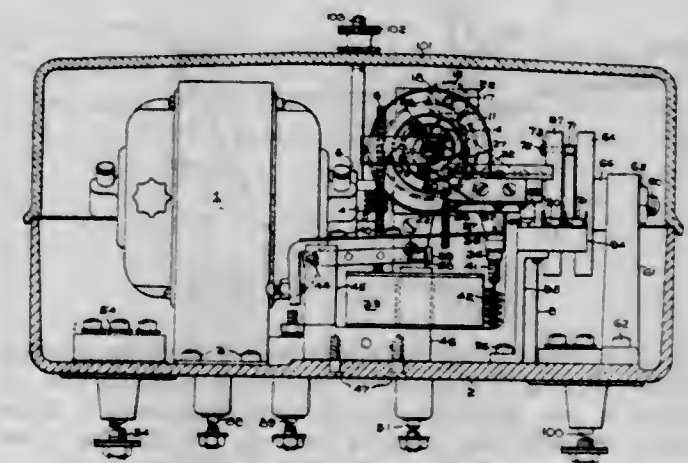
- 1,642,060. ART OF OBTAINING PRODUCTS FROM SLUDGE. LOUIS BURGESS, Bayonne, N. J., assignor to Standard Development Company, New York, N. Y., a Corporation of Delaware. Filed Dec. 22, 1922. Serial No. 608,441. 1 Claim. (Cl. 196—148.)
- Apparatus for treating acid sludge and the like, comprising two agitators, means for supplying sludge to

the first agitator, a separator receiving effluent from the first agitator and discharging into the second agitator, a second separator receiving effluent from the second agitator, means for supplying a treating solution to the



second agitator, and a steam lift for conveying treating solution from the second separator to the first agitator for preliminary treatment of the sludge entering the system, and for maintaining the temperature of the solution.

- 1,642,061. TIME-LIMIT RELAY. CHARLES A. BUTCHER, East Pittsburgh, Pa., and LLOYD F. HUNT, Los Angeles, Calif., assignors to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed May 28, 1924. Serial No. 716,354. 1 Claim. (Cl. 200—92.)

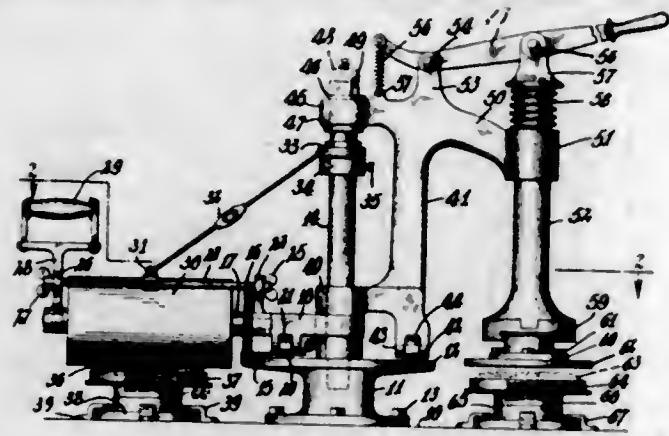


In a time-limit relay, the combination with a source of mechanical energy, a plurality of contact members, and a system of driving means therebetween, comprising a plurality of trains of gear wheels, one of which trains is permanently connected to the source of energy and others to certain of the contact members, of spring means for effecting engagement between the first-mentioned train and one of the last-mentioned trains to actuate certain of the contact members under predetermined conditions and magnetic means counteracting the spring means for effecting engagement between the first-mentioned train and another of the last-mentioned trains to actuate certain others of the contact members under other predetermined conditions.

- 1,642,062. DEVICE FOR MAKING WAFFLES. VICENTE F. DIAZ, Lowell, Ariz. Filed Sept. 9, 1925. Serial No. 55,226. 3 Claims. (Cl. 107—12.)

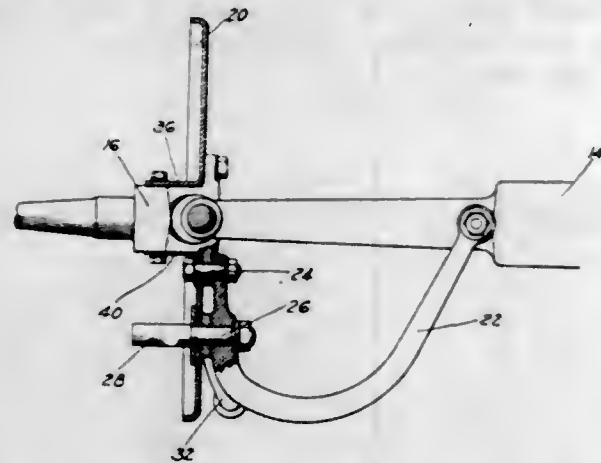
2. In a device of the class described, the combination of a table having a rack formed on its upper face, a central post secured to said table, a member rotatable on said post, a horizontal shaft projecting from said member, a roller on said shaft, a gear meshing with said

rack and fixed to said shaft, a frame supported from said member and shaft, a handle for manipulating said roller, said handle being secured to said frame, a rotatable col-



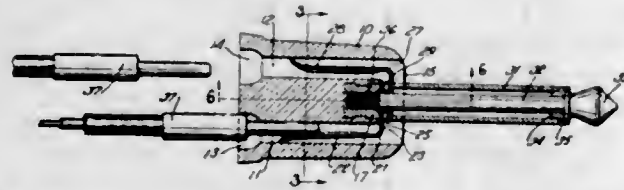
lar on said post, a turn-buckle arrangement between said collar and frame, and a roller secured to said member, rolling on said table to support said shaft and roller.

1,642,063. BRAKING AND STEERING MECHANISM. ADIEL Y. DODGE, South Bend, Ind., assignor to Bendix Brake Company, Chicago, Ill., a Corporation of Illinois. Filed May 7, 1925. Serial No. 28,589. 3 Claims. (Cl. 280-93.)



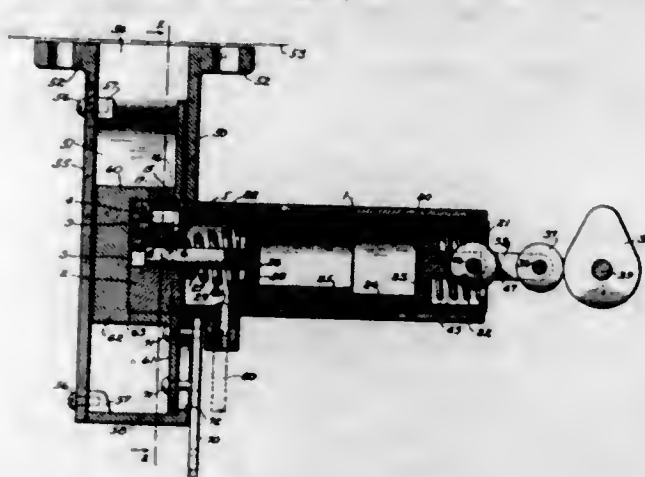
3. In a combination with a swivelled steering knuckle, a brake backing plate secured thereto, a steering arm attached to one point of the backing plate, and a brake anchor securing the steering arm to the backing plate at a point removed from the first mentioned point.

1,642,064. JACK PLUG. HENRY O. ENGSTROM, Bridgeport, Conn., assignor to De Jur Products Co., New York, N. Y. Filed Mar. 6, 1925. Serial No. 13,581. 2 Claims. (Cl. 173-361.)



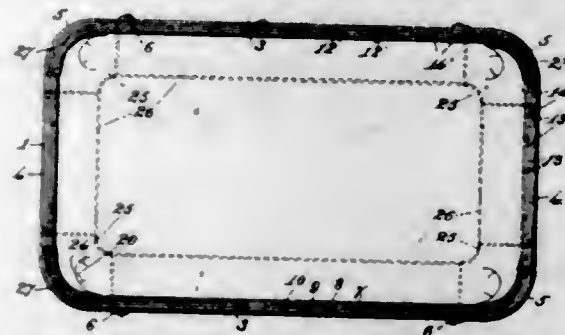
1. An electric plug comprising a sleeve contact, a tip contact, a rod connected to the tip contact and extending thru the sleeve, means for insulating said sleeve contact from the tip contact and rod, a one-piece handle of insulating material having a pair of passages for the reception of electrical conductors, a nut permanently embedded in the handle into which the end of the rod is adapted to be screwed, and insulated connectors associated with the tip and sleeve contacts and adapted to be detachably clamped between the nut and the sleeve contact and to engage the conductors when inserted in the passages.

1,642,065. CARBURETOR. HERMAN A. FINKE, St. Louis, Mo. Filed Nov. 24, 1926. Serial No. 150,575. 10 Claims. (Cl. 123-139.)



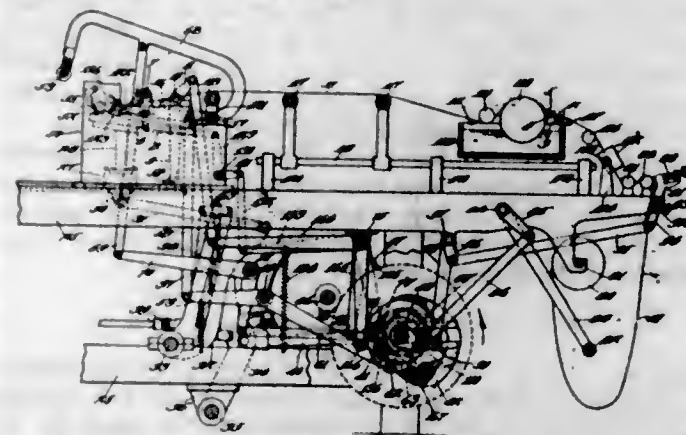
1. In a carburetor for internal combustion engines the combination of means to forcibly supply a known quantity of liquid fuel to a mixing chamber; means to supply variable quantities of air to said mixing chamber; common means to control the supply of fuel and air to said chamber; and fluid pressure operated means to regulate the supply of fuel in accordance with the speed of the engine.

1,642,066. VENEER CONSTRUCTION AND METHOD OF MAKING THE SAME. HORACE NAPOLEON GIBSON, San Antonio, Tex. Filed Sept. 12, 1921. Serial No. 500,208. 7 Claims. (Cl. 217-2.)



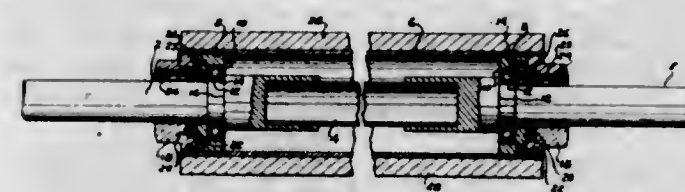
1. A device of the class described, formed of a plurality of layers, each layer being formed of a single blank and cemented to the adjacent layers, each blank comprising a bottom and laterally projecting side and end members, said side and end members of the different blanks being differently proportioned to stagger the joints between said edges, substantially as described.

1,642,067. BOX-COVERING MACHINE. GEORGE EDWARD GOODING, Boston, Mass., assignor to John T. Robinson Company, Boston, Mass., a Corporation of Massachusetts. Filed Oct. 1, 1923. Serial No. 665,790. 22 Claims. (Cl. 93-54.)



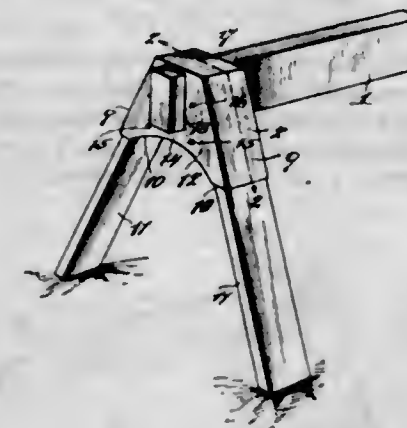
14. In a box covering machine, the combination of means for applying a web of material to the box, edge guides for said web, and roller means carried by said guides for exerting pressure on the web.

1,642,068. PRINTING ROLLER. WILLIAM C. HART, Kew Gardens, N. Y. Filed Feb. 26, 1924. Serial No. 693,167. 3 Claims. (Cl. 308-187.)



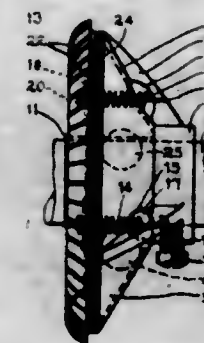
1. An inking roller having a central shaft comprising solid end portions and a central tubular portion secured at its ends within counterbores in said end portions, and a hollow cylindrical shell rotatably mounted on bearings carried by the solid end portions of the shaft.

1,642,069. SOCKET FOR SCAFFOLD TRETTLES. JOHN B. HEET, Trenton, Ill.; Anna E. Heet administratrix of said John B. Heet, deceased. Filed Jan. 14, 1926. Serial No. 81,224. 1 Claim. (Cl. 304-5.)



In a scaffold trestle, a transverse work supporting beam and supporting legs associated therewith and downwardly divergent therefrom, a casing removably connected to the end of the beam and provided with spaced sockets corresponding divergently with the legs and adapted to removably receive their upper ends, said casing consisting of inner and outer sections, and means for fastening the sections together, one within the other, the inner side walls of the sockets having at their upper ends lateral extensions or flanges which, together with the top walls of the outer section, resist the pressure of the upper ends of the legs, whereby the trestle may withstand the weight of the work resting thereon.

1,642,070. SHORT-CIRCUITING DEVICE. PAUL M. HENGSTENBERG, Wilkesburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed July 27, 1922. Serial No. 577,840. 2 Claims. (Cl. 172-279.)



1. A short-circuiting device for a commutator-type dynamo-electric machine comprising a supporting member consisting of a hub portion and a substantially conical

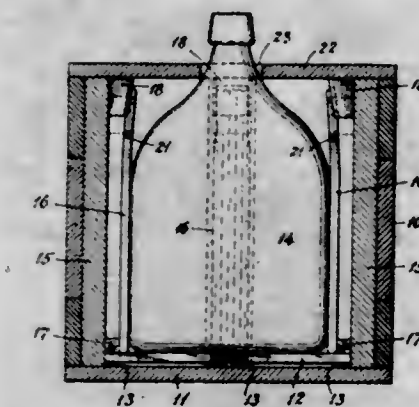
wall portion provided with a plurality of equally spaced apertures, web members disposed adjacent to said apertures and connecting said wall portion and said hub portion, and an axially movable short-circuiting element disposed adjacent to said wall portion and connected thereto by means of a plurality of springs that are adapted to extend through said apertures and be secured to said web portions.

1,642,071. BROILER. RICHARD T. HOSKING, Wilmette, Ill., assignor to Ellen Wright Pitcher, Saginaw, Mich. Filed Feb. 19, 1926. Serial No. 89,383. 1 Claim. (Cl. 53-5.)



A broiler, comprising a receptacle having an outwardly extending ledge near its top, an upstanding flange at the outer portion of the ledge, a reflector having a flange arranged to rest on the ledge, a portion parallel with and in engagement with the sides of the receptacle, and a conical-shaped portion integral with said parallel portion, a grill comprising a ring adapted to rest on the conical-shaped portion of the reflector, the sides of the ring being contiguous to the parallel portion of the reflector, and cross-bars carried by the ring, the upper surfaces of the cross-bars being substantially in alignment with the upper surface of the flange of the reflector and said reflector having an opening at the apex of its conical portion.

1,642,072. CARBOY PACKAGE. HUGH HARRY JONES, Camden, N. J., assignor to General Chemical Company, New York, N. Y., a Corporation of New York. Filed May 22, 1924. Serial No. 715,007. 6 Claims. (Cl. 217-54.)

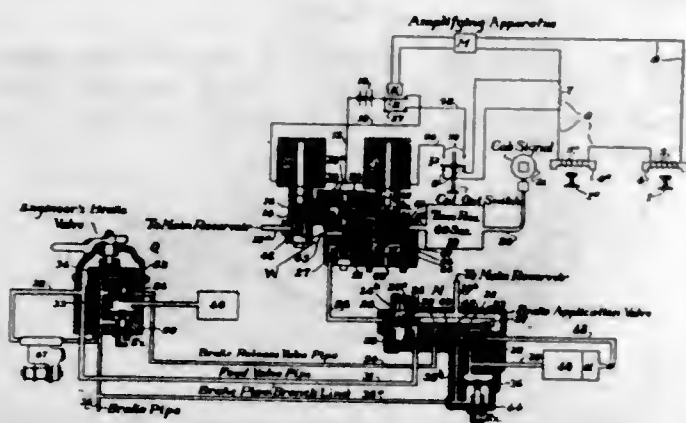


1. In a carboy package, the combination of a receptacle, a plurality of upright strips arranged within said receptacle and constructed and arranged to extend lengthwise of a carboy, a plurality of wedges each movably located between a strip and a contiguous portion of the receptacle for independently forcing the upper ends of said strips inwardly whereby the carboy is clamped between the strips, and cooperating means on said strips and wedges whereby unintentional displacement of the latter relatively to said strips and container is arrested.

1,642,073. RAILWAY-TRAFFIC-CONTROLLING APPARATUS. LLOYD V. LAWIS, Edgewood Borough, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a Corporation of Pennsylvania. Filed Jan. 25, 1923. Serial No. 614,818. 16 Claims. (Cl. 246-63.)

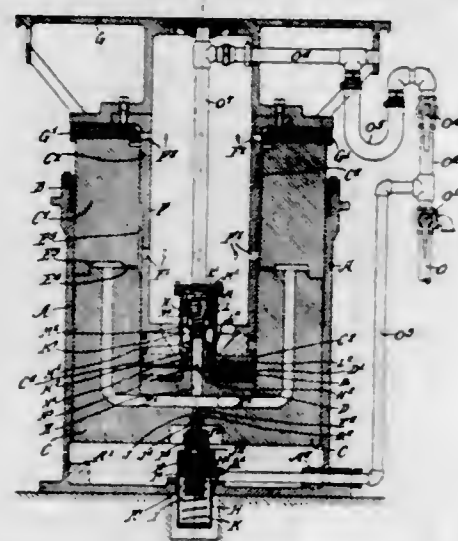
9. Railway traffic controlling apparatus comprising a train carried magnet, mechanism normally operating to

cause an automatic brake application when said magnet is de-energized, a trackway having positive control territory equipped with means for keeping said magnet energized under safe traffic conditions and non-positive control territory not so equipped, a second magnet on the train, trackway means located at the entrance to



non-positive control territory for energizing said second magnet, and apparatus including a valve operated by said second magnet for preventing said mechanism from causing an automatic brake application while the train is in non-positive control territory even though said first magnet is de-energized.

1,642,074. JAR-MOLDING MACHINE. WILFRED LEWIS, Haverford, Pa., assignor to The Tabor Manufacturing Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed May 17, 1922. Serial No. 561,690. 4 Claims. (Cl. 121-14.)



1. In a jar molding machine having an anvil and a jarring table operating therewith and actuated by compressed air through a cylinder and hollow piston, air exhaust passages leading from the cylinder and connected with the hollow piston and air exhaust passages leading from the hollow piston directed horizontally into the space between the anvil and the jarring table.

1,642,075. HANGER FOR WALL RADIATORS AND THE LIKE. ALBERT J. LOEPFINGER, Providence, R. I., assignor to General Fire Extinguisher Company, Providence, R. I., a Corporation of Delaware. Filed Oct. 2, 1923. Serial No. 666,057. 7 Claims. (Cl. 248-17.)

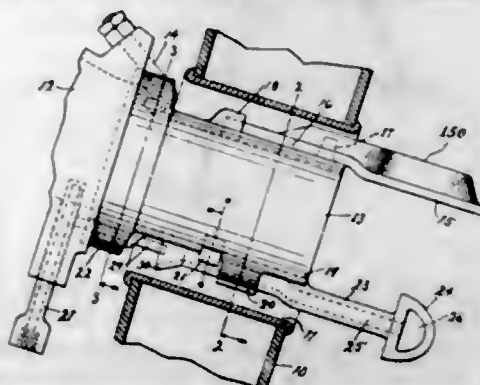
2. A hanger for a wall radiator, comprising a horizontal tie extending outward from the wall for engaging the upper portion of the radiator; a vertical tie extending downward therefrom along the wall and having on each

side, at its foot, horizontal extensions parallel to the wall; and a bracket on each said extension, projecting



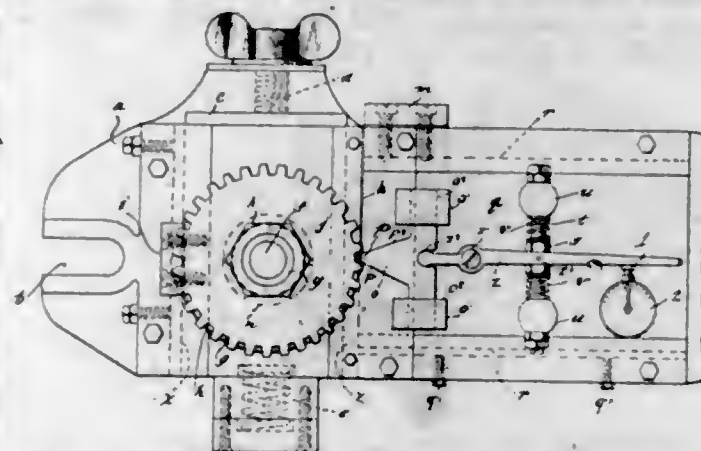
outward from the wall for engaging the lower portion of the radiator; both the horizontal tie and the brackets being movable toward and from the vertical tie.

1,642,076. DISTRIBUTOR TUBE FOR STOKERS. NATHAN M. LOWER and ALBERT R. CHALKER, Pittsburgh, Pa., assignors to Locomotive Stoker Company, a Corporation of Pennsylvania. Filed Mar. 13, 1922. Serial No. 543,329. 13-Claims. (Cl. 110-104.)



10. In a mechanical stoker, the combination of a substantially horizontal tube flattened at the bottom, a stem extending forwardly from the bottom of the tube and a fuel abutment in the form of a cross bar carried by the stem spaced forwardly from and projecting above the bottom of the tube, the space between the cross bar and the bottom of the tube being open for coal to pass downwardly on each side of the stem.

1,642,077. GEAR-TOOTH GAUGE. JAMES A. MCINTOSH, Detroit, Mich., assignor to The Lees-Bradner Company, Cleveland, Ohio, a Corporation of Ohio. Filed June 19, 1920. Serial No. 390,089. 16 Claims. (Cl. 73-51.)



1. In a machine for the purpose specified, the combination of a gear support, means for causing a gear on said support to roll and develop a part of its pitch circle into

a straight line, and testing means including a device yieldingly supported at the side of the tooth to be tested and in engagement therewith, so that, when the gear tooth is accurately cut, the said means will not be to any appreciable extent displaced when the gear is caused to roll over the same in developing its said pitch circle, but, when the gear tooth is inaccurately formed, the same will be displaced from its normal position.

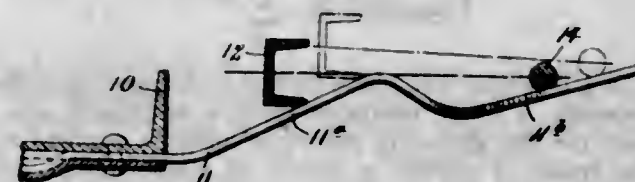
1,642,078. SYNTHETIC RESIN AND METHOD OF MAKING SAME. JAMES MCINTOSH and EDWIN YEAKLE WOLFORD, Norristown, Pa., assignors to Diamond State Fibre Company, Elsmere, Del., a Corporation of Delaware. Filed Aug. 12, 1920. Serial No. 403,126. 13 Claims. (Cl. 260-2.)

2. The method which consists in causing a phenolic body and glycerine to react to form an initial condensation product and thereafter subjecting said initial product to further condensation in the presence of a hardening agent to cause it to assume a solid infusible form.

1,642,079. SYNTHETIC RESIN AND METHOD OF MAKING SAME. JAMES MCINTOSH, Norristown, Pa., assignor to Diamond State Fibre Company, Bridgeport, Pa., a Corporation of Delaware. Original application filed Aug. 12, 1920, Serial No. 403,126. Divided and this application filed Feb. 20, 1925. Serial No. 10,688. 10 Claims. (Cl. 260-2.)

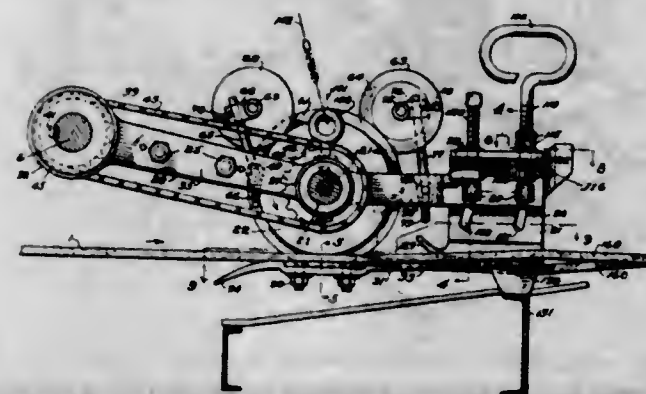
1. A condensation product resulting from the reaction of a phenolic body and glycerine, consisting of a dense, homogeneous solid infusible at all temperatures and insoluble in alcohol, acetone, benzol and other ordinary organic solvents.

1,642,080. BRAKE-BEAM SUPPORT. AMBROS CLARK MOORE, Chicago, Ill., assignor to Chicago Railway Equipment Company, Chicago, Ill., a Corporation of Illinois. Filed Aug. 21, 1923. Serial No. 658,578. 8 Claims. (Cl. 188-213.)



1. A safety bar support for brake beams comprising a member having a plurality of track portions inclined from horizontal for engaging and supporting the brake beam at a plurality of points, the plane of one of said track portions being inclined transversely to form surface contact with the angularly disposed part of the brake beam.

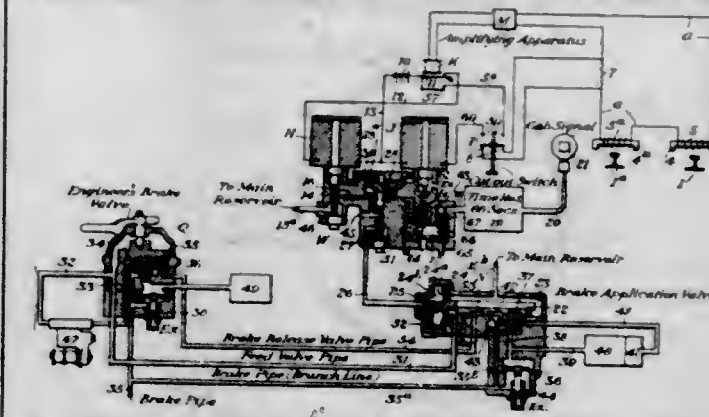
1,642,081. APPARATUS FOR SLITTING CONTINUOUSLY-MOVING MATERIAL. TREADWAY B. MUNROE, Chicago, Ill., assignor to Dahlberg & Company, Inc., Chicago, Ill., a Corporation of Delaware. Filed Sept. 4, 1925. Serial No. 54,529. 19 Claims. (Cl. 164-61.)



1. In a machine for slitting a fibrous sheet the combination of a rotating cutter disposed above said sheet;

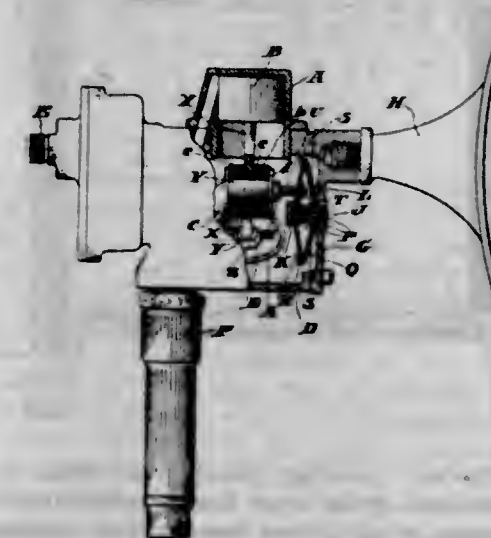
supporting means for said cutter including a frame provided with an anvil disposed below said sheet and cooperating with said cutter; and means associated with said frame to raise one and lower the other of the cut edges of said sheet to augment the cutting action.

1,642,082. RAILWAY-TRAFFIC-CONTROLLING APPARATUS. FRANK H. NICHOLSON, Lewistown, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a Corporation of Pennsylvania. Filed Apr. 21, 1924. Serial No. 707,864. 8 Claims. (Cl. 246-63.)



1. Railway traffic controlling apparatus comprising governing mechanism on a train normally requiring the constant influence of energy from the trackway to permit the train to proceed without retardation, a trackway comprising positive control territory equipped with primary means for supplying train governing energy to the train and non-positive control territory not so equipped, auxiliary means located adjacent the entrance to said non-positive control for supplying a greater amount of energy to the train than said primary means in positive control territory, and apparatus on the train responsive to the energy from said auxiliary means but not to the energy received from said means in positive control territory for conditioning said mechanism to permit the train to proceed through non-positive control territory without retardation.

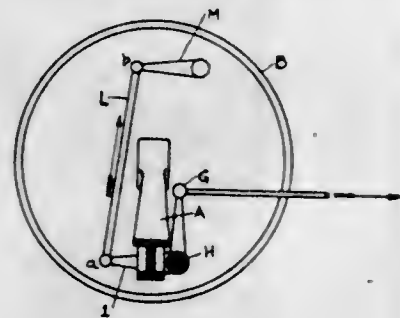
1,642,083. VENTED MOTOR CASING. ROBERT F. PAGE, deceased, Athens, Pa., by John M. Felt, administrator, Athens, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J., a Corporation of New Jersey. Filed Aug. 7, 1925. Serial No. 48,755. 2 Claims. (Cl. 121-33.)



1. A motor comprising a cylinder and piston, a crank shaft operatively connected with the piston, a casing housing said crank shaft and supporting the cylinder, a vent tube closed at one end and extending through the rear wall of the casing in axial alignment with the end of the crank shaft, said tube having perforations inter-

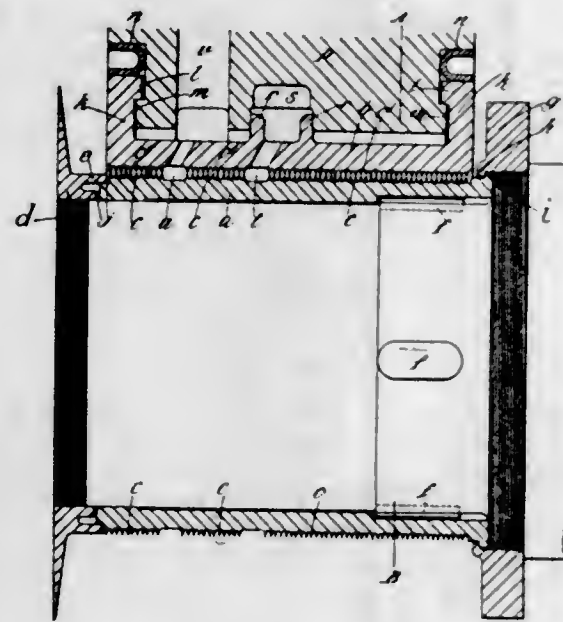
mediate its length communicating with the interior of the casing, a shallow perforated disk bodily rotatable on said tube opposite the end of the crank shaft and mounted directly on said tube over said perforations, means for holding said disk against longitudinal movement on the tube, and a stud on the crank shaft engaging said disk to bodily rotate the disk on the tube about the axis of the crank shaft:

1,642,084. BRAKING OF THE STEERING WHEELS OF VEHICLES. HENRI PERROT, Paris, France, assignor to Bendix Corporation, Chicago, Ill., a Corporation of Illinois. Filed July 24, 1922, Serial No. 577,201, and in France Sept. 7, 1921. 23 Claims. (Cl. 188—194.)



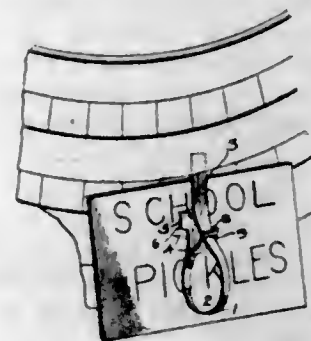
1. The combination with a pair of steering wheels of a vehicle, of devices for braking the respective wheels equally when the wheels are moving straight ahead, said devices being disposed so that the actions of said devices are automatically differentiated in turning, each of said devices including a part which swivels with the wheel and a part not swivelling with the wheel and a joint connecting said parts and offset from the steering axis of the wheel to cause the differentiation in turning, substantially as described.

1,642,085. PACKING GLAND FOR ELASTIC-FLUID TURBINES OR THE LIKE. BEDRICH POCHOBRADSKY, Sidcup, England. Filed Oct. 7, 1924, Serial No. 742,096, and in Great Britain Oct. 20, 1923. 7 Claims. (Cl. 286—10.)



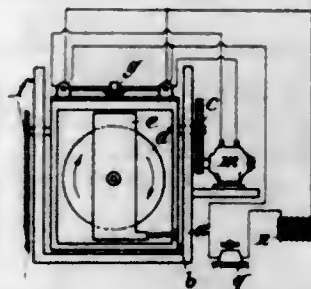
1. A labyrinth packing gland, comprising a rotary member, annular sharp-edged blades projecting from the rotary member, a stationary member, and annular sharp-edged blades which project from the stationary member in a direction substantially parallel to that of the blades projecting from the rotary member, and which are arranged so that, for each member, the sharp edges on that member are situated in closer proximity to the sharp edges on the other member than to any other part of the said other member.

1,642,086. DISPLAY HOLDER. THEODORE J. RABITZER, Dayton, Ohio. Filed Mar. 31, 1924. Serial No. 703,081. 10 Claims. (Cl. 40—14.)



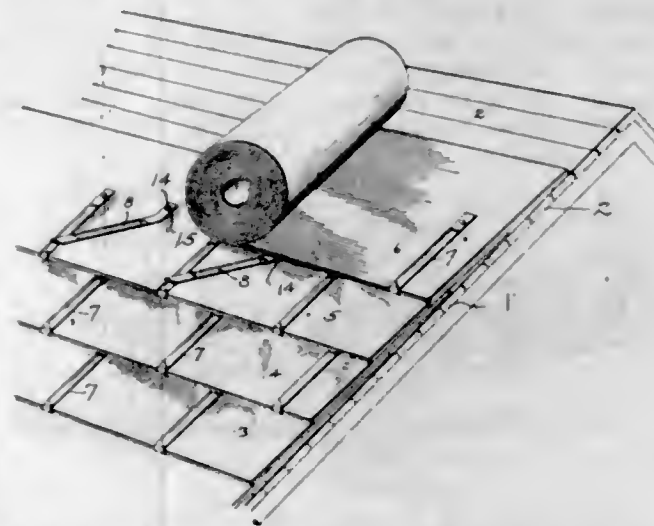
1. As an article of manufacture, a clamp support, comprising a length of flexible spring material bent upon itself into a U-shaped bight having legs of unequal length, outwardly directed anti-slip spurs at the extremity of the shorter leg, and a slotted extension upon the shorter leg through which the longer leg slidably extends.

1,642,087. DIRECTION INDICATOR FOR MOVING BODIES. THEODOR ROSENBAUM, Berlin, Germany; Selma Rosenbaum and Ilse Anna Mathilde Rosenbaum, sole heirs of said Theodor Rosenbaum, deceased, assignors to Gyrorektor Gesellschaft mit beschränkter Haftung, Berlin, Germany. Filed July 15, 1924, Serial No. 726,228, and in Germany July 13, 1923. 4 Claims. (Cl. 33—204.)



1. In a direction and curve indicator for moving bodies, a gyroscope, a frame rotatable about a horizontal axis, a support for the gyroscope rotatable about a vertical axis in the frame, a circuit, a source of electromotive force interposed in the circuit, a reversible electric motor connected with the frame and interposed in the circuit, and coacting circuit controlling means in said circuit respectively by the frame and support.

1,642,088. ROOFING CLEAT. TRUMAN M. SCARFF, Spring Valley, Ohio. Filed July 21, 1924. Serial No. 727,380. 16 Claims. (Cl. 108—33.)



1. The herein described method of anchoring superposed overlapping roofing sheets, consisting in nailing to the portion of each sheet to be overlapped by the succeeding

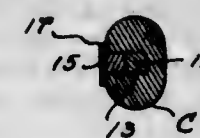
sheet, a plurality of inverted stay cleats, superposing the succeeding roofing sheet over the nailed portions of the inverted cleats, bending the nailed cleats upon themselves to a reverse position about the overlapping margin of the superposed roofing sheet, whereby the reversed portions of the cleats will overlap the superposed roofing sheet, nailing the free end of such reversed portions to the superposed sheet at a point removed from the margin of such sheet and in position to be overlapped by the succeeding roofing sheet these stay cleats pertaining to succeeding roofing sheets being offset in spaced relation from those pertaining to preceding and succeeding roofing sheets.

1,642,089. PROCESS AND MATERIAL FOR STERILIZATION OF LIQUIDS. ARTHUR SCHREIER, Vienna, Austria, assignor, by mesne assignments, to General Zeolite Company, Chicago, Ill., a Corporation of Illinois. Filed Jan. 8, 1921, Serial No. 435,944, and in Austria Jan. 8, 1920. 12 Claims. (Cl. 91—1.)

3. The method of sterilizing liquid including the steps of silver coating sand particles, arranging said particles in bed formation, and permitting the liquid to percolate through the bed of particles.

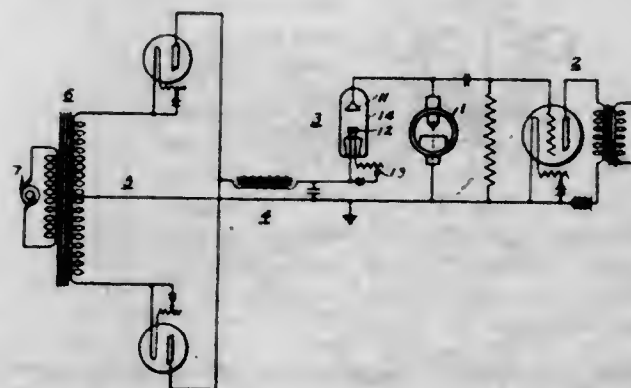
4. In a sterilizer for liquids, a bed of silver coated sand particles through which the liquids percolate.

1,642,090. OPHTHALMIC MOUNTING. JOSEPH SHYER, Brooklyn, N. Y., assignor to Zyllo Ware Corporation, Inc., New York, N. Y., a Corporation of New York. Filed Dec. 6, 1926. Serial No. 152,854. 5 Claims. (Cl. 88—41.)



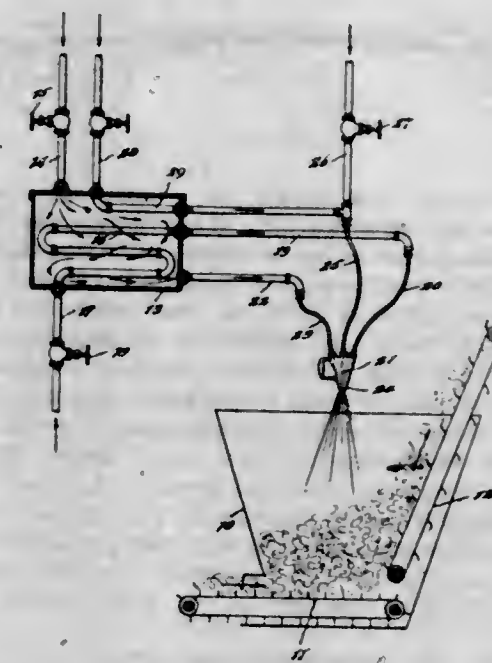
4. An ophthalmic mounting including a member having a channel formed therein, a reinforcement of less thickness than the depth of said channel lodged upon the bottom thereof, and a sealing strip of substantially the same width as the said channel secured in the latter over said reinforcement.

1,642,091. CONSTANT-CURRENT DEVICE FOR GLOW-DISCHARGE MICROPHONES. JOSEPH SLEPIAN, Swissvale, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Apr. 21, 1924. Serial No. 707,846. 6 Claims. (Cl. 179—1.)



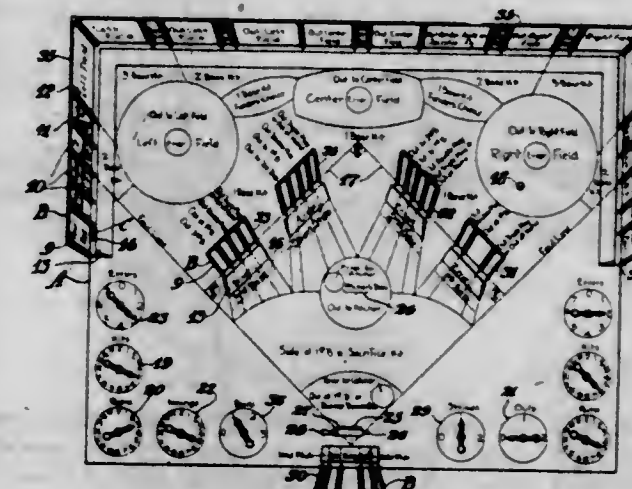
1. In combination, a glow-discharge transmitter and constant-current means comprising a thermionic discharge device operated at its saturation current, serially connected in circuit with said transmitter.

1,642,092. METHOD OF CONDITIONING TEXTILE FIBERS. ROBERT BIGHAM SMITH, Macon, Ga., assignor of one-half to Hughes L. Siever, Keyser, W. Va. Filed June 28, 1926. Serial No. 118,803. 7 Claims. (Cl. 19—66.)



1. In the art of treating textile fibers, the method which consists in projecting onto the fibers a stream of oil subjected to the atomizing effect of a stream of steam under pressure and at a temperature sufficiently high to emulsify the oil.

1,642,093. BASEBALL GAME APPARATUS. LINCOLN E. STEWART, Guerneville, Calif. Filed Nov. 24, 1926. Serial No. 150,440. 1 Claim. (Cl. 273—89.)



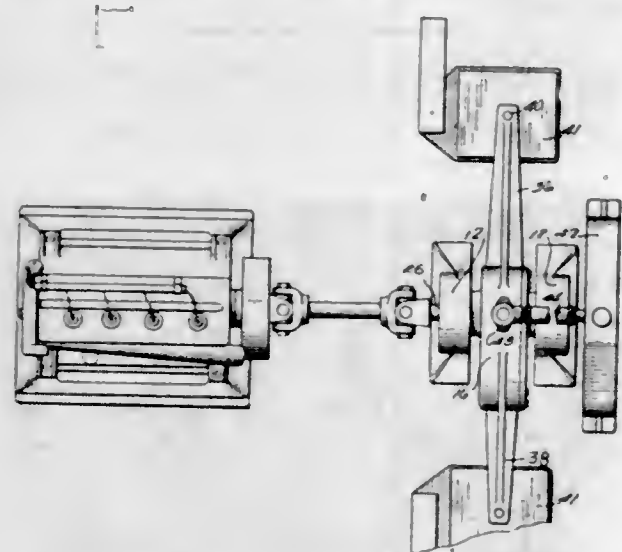
A base ball game apparatus comprising a ball, a board provided with marks representing a base ball diamond and field, a plurality of wall sections positioned on said board and comprising a wall projecting upwardly from said board, a plurality of narrow triangular shaped strips positioned on said wall, said strips being provided with a sharp edge and sloping backwardly to the said wall, whereby said wall is divided into a plurality of zones, each of said zones being marked and designated to correspond to one of the plays of the game, and a gradually upwardly sloping ramp positioned in front of the said wall, the said ramp being stopped short of the said wall so as to provide a depressed pocket forwardly said wall and intermediate said strips whereby said ball may be restrained therein; said wall sections being positioned on said board corresponding to the catcher, basemen and shortstop, and a series of said sections being positioned partially around the periphery of the said board so as to form a backstop; and means for causing the said ball to travel over the said board.

1,642,094. CASTER ATTACHMENT FOR TRUNKS. IVAN G. SVIAGENINOV, New York, N. Y. Filed Nov. 23, 1926. Serial No. 150,236. 1 Claim. (Cl. 280—35.)



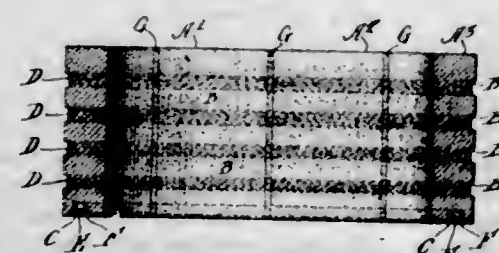
In a caster attachment for trunks, the combination with two flat members of a screw adjustably connecting said members, hooks on the ends of said members for a trunk, said screw passing through an aperture in one of said hooks, a thumb head on said screw extending outside of said hook and adapted to be operated when said caster attachment operatively supports a trunk, casters adapted to support said attachment, the upper portions of said casters being of a substantially flat and rectangular shape fitting against the lower surface of said flat members, hooks on said flat members adapted to engage the upper rectangular portion of each caster at opposite sides, said rectangular portion being adapted to slide between said hooks, and a resilient lug adapted to retain said rectangular portion in its position between said hooks.

1,642,095. FLUID DYNAMOMETER. JOSEPH TRACY, Rutherford, N. J. Filed Nov. 28, 1925. Serial No. 71,900. 6 Claims. (Cl. 265—24.)



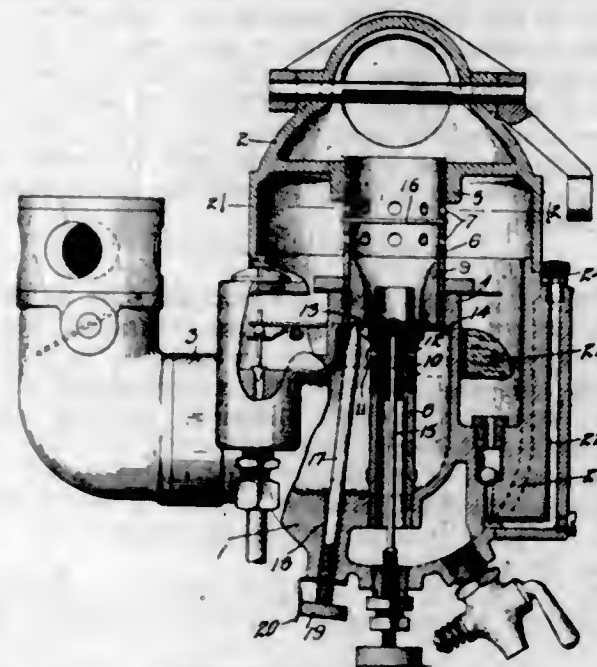
1. A fluid dynamometer comprising a fluid brake consisting of a rotary gear pump, a valved outlet conduit therefrom, a cooler, and a return conduit from the cooler to the pump.

1,642,096. RING WHEEL GRINDER AND METHOD OF MAKING SAME. GEORGE E. VANCE, Springfield, Ohio. Filed Nov. 13, 1925. Serial No. 68,831. 3 Claims. (Cl. 51—209.)



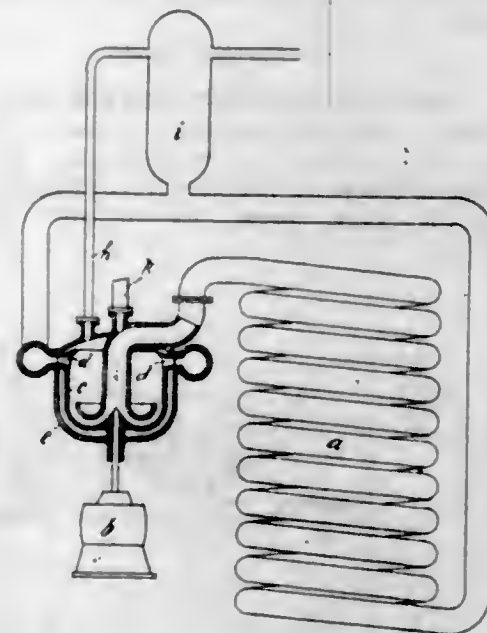
3. The ring wheel grinder as claimed in claim 1 further characterized by having an annular groove formed in one end of the composite ring wheel and by having a metal ring located and secured in said end groove.

1,642,097. CARBURETOR. ALBERT E. WEAVER, Indianapolis, Ind., assignor, by mesne assignments, to Ira T. Swartz, trustee, Indianapolis, Ind. Filed Sept. 3, 1921. Serial No. 498,336. 7 Claims. (Cl. 261—72.)



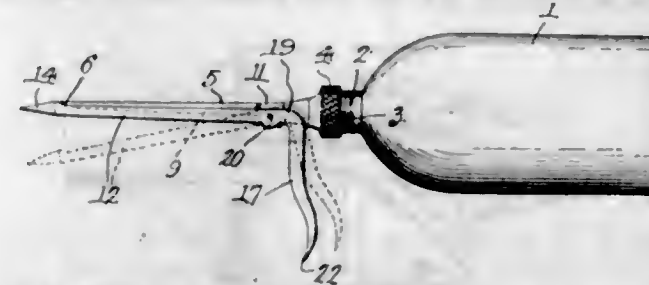
4. A charge forming device comprising a fuel chamber, an air passage leading to an internal combustion engine and having passages forming communication with the fuel chamber above the level of the fuel, a spray nozzle extending into said air passage, means for admitting air beneath the level of the fuel in said fuel chamber, said air passage and passages forming communication with the fuel chamber above the level of the fuel being open at all times to the suction of the engine, and a slidable venturi for partially closing said passages and for controlling the passage of air through said air passages, substantially as set forth.

1,642,098. STEAM GENERATOR. WILHELM BEY, Altona-on-the-Elbe, Germany. Filed Dec. 15, 1926. Serial No. 154,953, and in Germany Oct. 5, 1925. 1 Claim. (Cl. 122—4.)



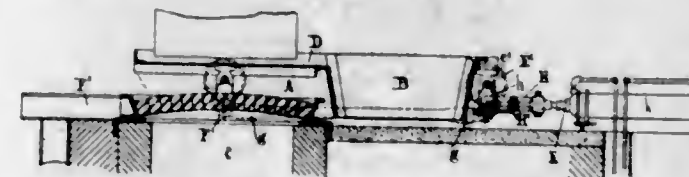
A steam generator comprising a centrifugal separator including a rotor having vanes adapted to perform a pumping action, a heat-interchanging coil communicating at the top with the intake and at the bottom with the outflow of said separator, a storage chamber surmounting the apparatus and communicating with the bottom end of the coil, and a steam pipe leading from the separator to the upper part of said storage chamber.

1,642,099. DEVICE FOR STOPPING SHOE SQUEAKING. FRANK E. BUCK, Baltimore, Md. Filed Apr. 5, 1927. Serial No. 181,177. 2 Claims. (Cl. 12—103.)



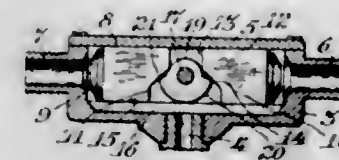
1. A device of the class described, comprising as cooperating parts, a delivery member and a perforator connected for relative angular movement, the perforator having a puncturing head, one of said cooperating parts having a longitudinal rib, and the other of said cooperating parts having a longitudinal groove receiving the rib, the rib substantially filling the groove, thereby to reinforce the perforator behind the head, when the perforator and the delivery member are closed together.

1,642,100. TOP-FEED DOOR FOR REFUSE DESTRUCTORS AND OTHER FURNACES. WILLIAM JAMES BULGIN, Worcester, England, assignor to Heenan & Froude Limited, Manchester and Worcester, England. Filed Nov. 7, 1925. Serial No. 67,695. 1 Claim. (Cl. 214—18.)



In combination with a top feed door of an incinerator or like furnace, a supporting frame for said door, means connecting said door to the said frame and permitting vertical movement of said door relative to said frame, a feed chute carried by said frame and moving longitudinally therewith to occupy the position of said door when the latter is moved from its closure position, shafts supporting said door and framing, wheels loosely mounted on said shafts, levers and connecting rods, connecting said shafts together, a link carried by one shaft, a fluid actuated ram adapted to engage said link to rotate said shafts, and a bracket affixed to the framing adapted to be engaged by said ram after the latter has moved a predetermined amount to move the whole device longitudinally.

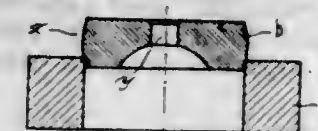
1,642,101. FAUCET. JOHN CLINTON, Memphis, Tenn. Filed Apr. 16, 1925. Serial No. 23,449. 2 Claims. (Cl. 277—20.)



2. The combination with adjacent ends of slide valves having diverging cam surfaces, of a rotatable disc between said valve ends, said disc having a reduced arcuate surface engaging the ends of the valves when in open position, a second arcuate surface carried by the disc of greater radius than the first mentioned arcuate surface, said surfaces being concentric, said surface of greater radius extending substantially one half around the disc thereby forming shoulders, said shoulders engaging the inclined surfaces of the valves when in open position, said adjacent ends of the valves engaging opposite sides of the reduced arcuate surface when the valves are in open position.

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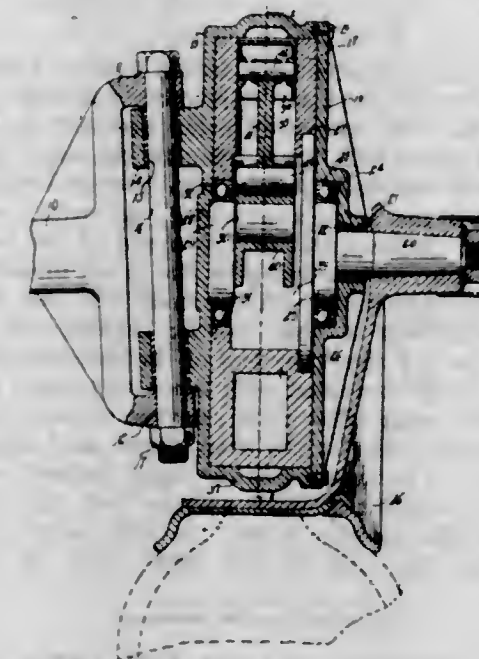
1,642,102. JEWEL SETTING FOR WATCHES AND METHOD OF MAKING SAME. HENRI COLONB, Yverdon, Switzerland. Filed Mar. 26, 1925. Serial No. 18,560, and in Switzerland July 18, 1924. 5 Claims. (Cl. 29—177.)



1. The process of setting a jewel bearing for a rotating shaft in an encircling mass of metal which comprises the following steps: shaping a circular exterior portion of a (centrally recessed) jewel to conform to a convex surface substantially such as would be generated by the revolution of a short arc of a circle about the axis of said jewel; preparing a mass of metal having a bore of a diameter less than the maximum exterior diameter of the jewel so prepared but not less than the minimum exterior diameter of said jewel; forcing said jewel into the recess in said metal mass far enough to bring adjacent flat surfaces of the two into approximately the same plane, thereby expanding a portion of said recess to the maximum exterior diameter of said jewel; and, finally, forcing the displaced metal surrounding the said expanded portion back inwardly until it closes against the adjacent convex surface of said jewel, thereby sealing the jewel in position in said metal.

5. The product of the herein described process, being a bushed jewel bearing composed of a centrally bored jewel having the whole of its outer rim surface substantially convex, that is to say such as would be generated by the revolution of a short arc of a circle or polygon about an axis parallel to the chord of said arc and coincident with the axis of said jewel perforation, whereby either portion of said jewel rim may have a slight wedging action when forced into a bushing of originally cylindrical bore of proper diameter, and a bushing of metal having a concave inner surface conforming to and pressing against said convex jewel rim surface at substantially all points thereof.

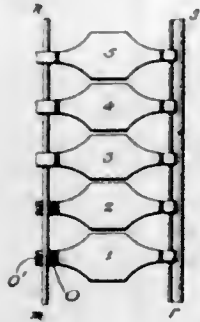
1,642,103. HYDRAULIC DRIVE FOR VEHICLES. HOMER DAUBENMEYER, Detroit, Mich. Filed Dec. 28, 1925. Serial No. 77,959. 6 Claims. (Cl. 180—66.)



1. In a front wheel hydraulic drive for vehicles, an axle having a forked apertured end, a hydraulic motor including a casing, an apertured projection on said casing cooperating with said forked axle end for receiving a

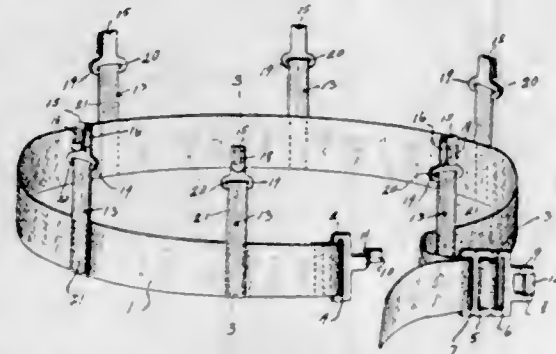
king-pin for swivelly connecting said casing to said axle, and a steering ground wheel supported upon said casing and having a driving connection with said rotor.

- 1,642,104. PROTECTIVE COVER FOR PNEUMATIC TIRES AND THE LIKE. JOSÉ LUIS DELPINI, Buenos Aires, Argentina. Filed Feb. 27, 1925. Serial No. 12,123, and in Argentina Aug. 22, 1924. 5 Claims. (Cl. 152-17.)



2. A protective cover for tires, comprising a multiplicity of individual bowed strips adapted to transversely and conformably straddle a tire, in combination with a pair of rings adapted to be disposed against the inner and outer side faces of the tire; each strip having at one end an eye or loop through which one ring passes and having its other end loosely hooked into the other ring, said other ring being of trough-section to receive the hooks, each eye being formed with an internal annular knife bearing engaging the first-named ring to enable the corresponding strip to rock obliquely in either direction and relatively to the tire about said first-named ring as a center.

- 1,642,105. FASTENER. HENRY T. EASTIN, Kingston, Mo. Filed Mar. 1, 1924. Serial No. 696,295. 1 Claim. (Cl. 24-225.)

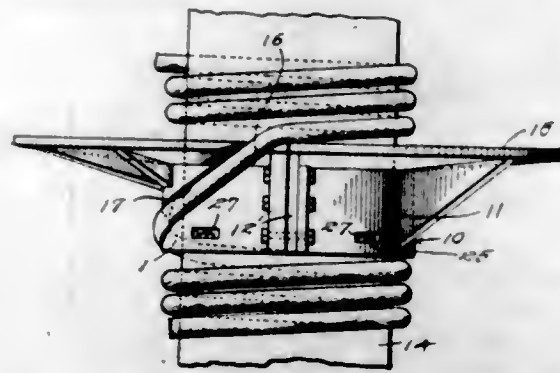


A belt buckle comprising a frame having a flat body provided with openings for adjustably receiving an end portion of the belt, said body being provided at its edge with spaced arms, said arms lying in the same plane as that in which the body lies, a seat portion bridging the space between the arms and joined therewith, said seat portion being disposed out of the plane of the body and having one side surface lying in the same plane as, that in which one side surface of the body lies, and a tongue member comprising a body portion having an opening adapted to receive the other end of the belt and having at its edge a tongue provided with inner and outer portions, said portions being offset with relation to each other and having surfaces lying in the same plane, said tongue portion adapted to be inserted in the space between the arms of the first mentioned body portion and the extremity thereof adapted to pass under the first mentioned body portion and abut against the inner edge of the seat thereof.

- 1,642,106. PARTING FLANGE FOR DRUM HOISTS. JESSE C. FAIRBANK, Braman, Okla. Filed July 24, 1926. Serial No. 124,711. 3 Claims. (Cl. 242-117.)

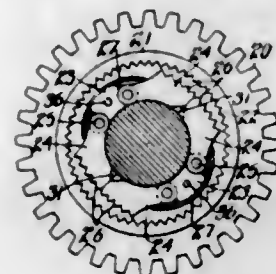
1. A spooling flange for use upon the shafts of bull wheels and the like comprising a split collar adapted to be clamped upon the shaft and having at one end thereof

a flange, the inner face of the collar having longitudinally extending grooves decreasing in depth toward the flanged end thereof, wedge-shaped slips disposed within said grooves and having the butt ends thereof remote from the



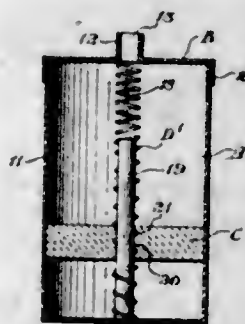
flanged end of the collar, means for adjusting the slips longitudinally of the grooves and teeth upon the shaft confronting faces of the slips having abrupt shoulders facing away from the flanged end of the collar.

- 1,642,107. CLUTCH. JOHN F. GAYLORD, Indianapolis, Ind. Filed Dec. 3, 1924. Serial No. 753,701. 4 Claims. (Cl. 192-71.)



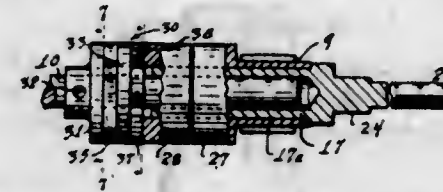
1. In a device of the class described, a shaft, a gear loosely mounted on said shaft, having internal gear teeth, a clutch member on said shaft, means whereby the gear may be clutched to the shaft including pairs of oppositely directed levers pivotally supported in substantially the same transverse plane on the shaft and adapted to engage the gear, spring means for holding the levers out of engagement with the gear, means on said clutch member for operating said levers, said means comprising lateral projections with oppositely bevelled faces adapted to act on a pair of said levers for forcing them into engagement with the teeth on the gear, substantially as set forth.

- 1,642,108. DISPENSING CONTAINER. WILLIAM HENRY GREGORY GEAKE, Killara, near Sydney, New South Wales, Australia, assignor to Walter Rutherford, London, England, and John Bain, Ottawa, Canada. Filed June 29, 1926. Serial No. 119,458. 2 Claims. (Cl. 221-79.)



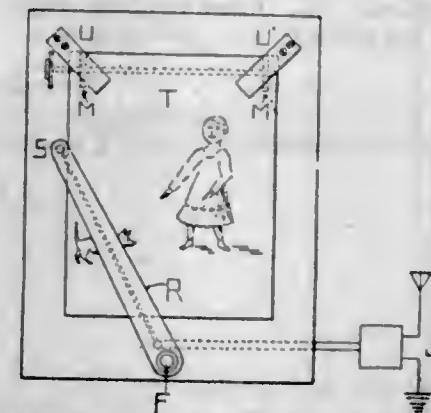
1. In combination, a container having an orifice, a follower therein, and a spring member operatively connected to the follower adapted, when turned, to move the follower axially of the spring, said spring having a closely wound portion through which the material is forced when opened.

- 1,642,109. GEAR-SHIFTING MECHANISM FOR ENGINE STARTERS AND THE LIKE. VERA C. HODGES, Los Angeles, Calif. Filed Nov. 10, 1926. Serial No. 147,523. 6 Claims. (Cl. 74-7.)



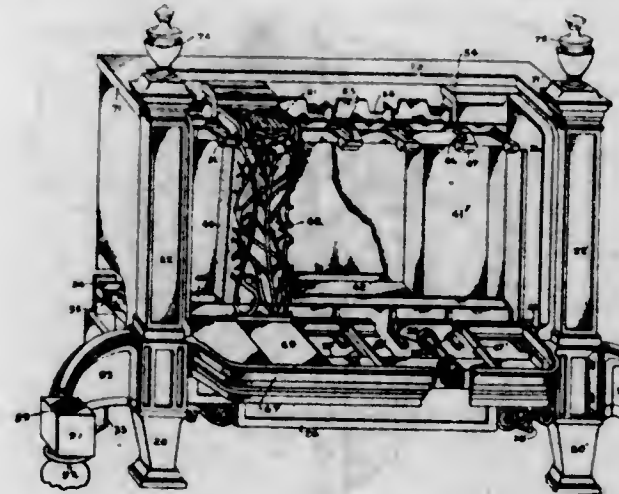
1. In a device of the class described, a revoluble shaft, an eccentric quill mounted to oscillate on said shaft; said shaft being at all times independently revoluble in said quill, an annular pinion independently revoluble at all times on said quill, a flexible coupling to said shaft, and a member connecting said coupling with said pinion, and manually operable means for oscillating said quill on said shaft at any time.

- 1,642,110. RADIO TABLET METHOD. CHARLES FRANCIS JENKINS, Washington, D. C. Filed May 5, 1925. Serial No. 28,224. 4 Claims. (Cl. 178-11.)



1. The combination of a base having an extended flat surface, a shaft rotatably mounted upon said base, an arm fixed to said shaft and adapted to swing over said surface, a marking device carried by the outer end of said arm and engaging said surface, a second arm secured to said shaft and being provided with an elongated slot, a rotatable element adjacent said second arm, and a pin secured to said element at a point removed from the center of rotation and extending into the slot in said second arm whereby rotation of said element causes said arms and shaft to oscillate about the axis of said shaft.

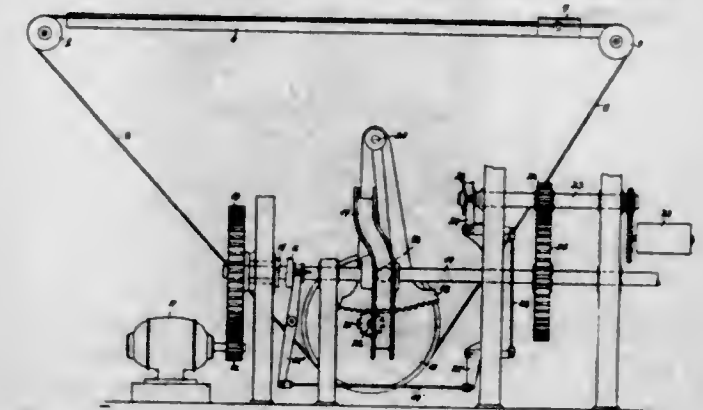
- 1,642,111. GAS HEATER. WALTER KENNEDY, New York, N. Y., assignor, by mesne assignments, to Kennedy-Toombs, Inc., a Corporation of New York. Filed Feb. 16, 1921. Serial No. 445,362. 6 Claims. (Cl. 126-92.)



1. In a heater of the class described, the combination of refractory slabs between the ends thereof, refractory grilles in front thereof, burners below and between said

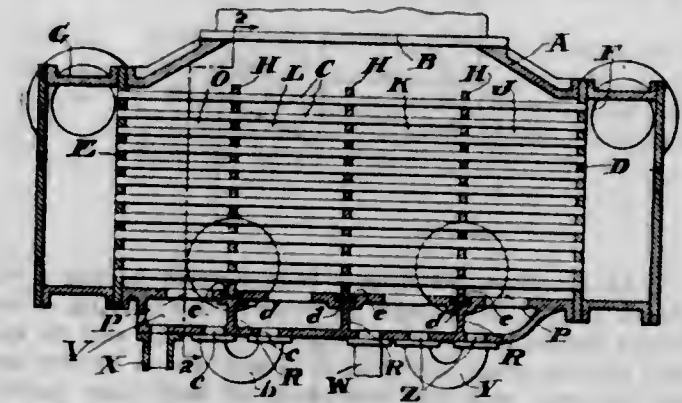
slabs and grilles, refractory caps for retaining said slabs and grilles in position, and said slabs, grilles, burners and caps forming a composite unit of said heater.

- 1,642,112. LOOM FOR WEAVING WITH PILE WIRES. JOHANN KEPPELER, Birkesdorf, Germany. Filed Apr. 10, 1926. Serial No. 101,096, and in Germany Apr. 15, 1925. 6 Claims. (Cl. 139-42.)



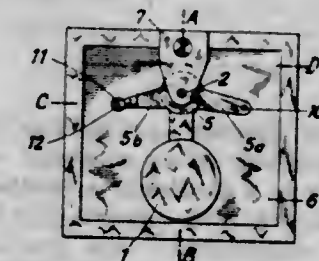
1. In a loom for weaving with pile wires, a common loom drive and an auxiliary drive for operating the pile wires.

- 1,642,113. SURFACE CONDENSER. JOHN F. KIRGAN, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J., a Corporation of New Jersey. Filed Mar. 8, 1927. Serial No. 173,673. 3 Claims. (Cl. 257-43.)



1. A surface condenser comprising a casing divided into a plurality of compartments adapted to be maintained at various absolute pressures, a conduit to connect certain of said compartments and adapted to convey condensate, and a condensate outlet located in a compartment of greater absolute pressure whereby condensate is passed from a compartment of relatively low absolute pressure to a compartment of higher absolute pressure.

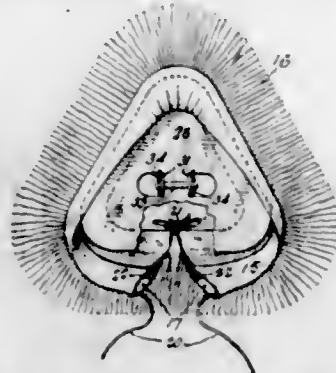
- 1,642,114. MOTION-RECORDING APPARATUS. ANTON KIRNER, Neustadt, Germany. Filed Mar. 24, 1927. Serial No. 178,115, and in Germany May 2, 1925. 2 Claims. (Cl. 234-1.)



1. In a motion recording apparatus in combination, supporting means, an oscillatable pendulum-body rockingly disposed on said supporting means, a two-armed lever in frictional engagement with said pendulum-body, recording means on one of the arms of said lever, and

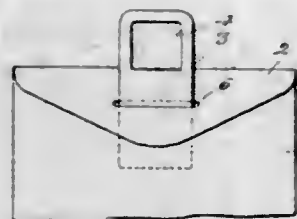
guiding and adjusting means on the other lever arms, a movable recording surface in sliding contact with the recording means and producing less friction than the frictional engagement of the lever.

1,642,115. MOP. ARTHUR C. KOOTZ, Milwaukee, Wis., assignor to The Gem Hammock & Fly Net Company, Milwaukee, Wis., a Corporation of Wisconsin. Filed June 4, 1924. Serial No. 717,768. 4 Claims. (Cl. 15-229.)



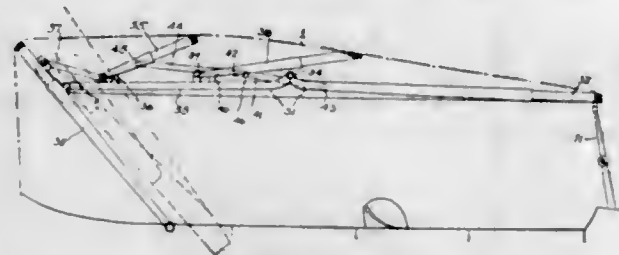
1. In a mop, a mopping element comprising an elongated fabric body provided with spaced upper and lower binding-member-receiving pockets formed therein and extending lengthwise thereof, and strands of absorbent mopping material secured to said body portion and projecting from one edge thereof.

1,642,116. ENVELOPE. THEODORE H. KRUEGER, New York, N. Y. Filed Jan. 7, 1921. Serial No. 435,633. 4 Claims. (Cl. 229-68.)



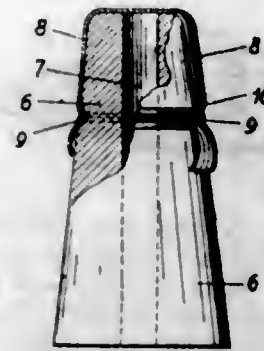
1. An envelope including a body portion having a slot formed in the front wall thereof, a flap having a slot formed therein adapted to register with the slot in said body portion when said flap is closed, and a carrier portion integral with the rear wall of said body portion adapted to extend through said registering slots to maintain said flap closed.

1,642,117. TOP FOR VEHICLES AND THE LIKE. SAGITO J. LEACH, Ashtabula, Ohio, assignor to The Ashtabula Bow Socket Company, Ashtabula, Ohio, a Corporation of Ohio. Filed Nov. 10, 1921. Serial No. 514,204. 2 Claims. (Cl. 296-116.)



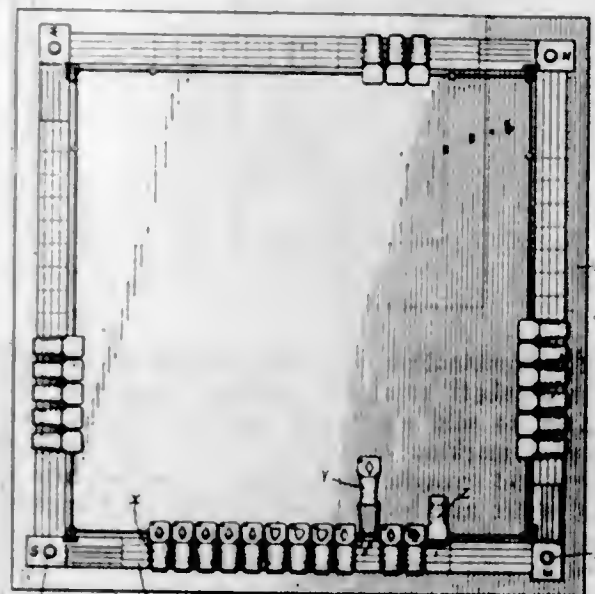
2. In a top for vehicles and the like, the combination of a support adapted to be pivotally attached to the body of the vehicle, a forwardly extending auxiliary bow pivotally attached to said support, and adapted to fold thereagainst, a supplemental bow pivotally attached to an upstanding projection on said auxiliary bow, and a link lying wholly above the general plane of said auxiliary bow and extending normally at an incline between said supplemental bow at a point forward and below said pivot projection and a point on said support above the attachment of said auxiliary bow thereto.

1,642,118. BLASTING-BORE CLOSURE. WERNER LINDNER, Beuthen, Germany. Filed Nov. 17, 1926. Serial No. 148,981, and in Germany July 26, 1926. 3 Claims. (Cl. 102-11.)



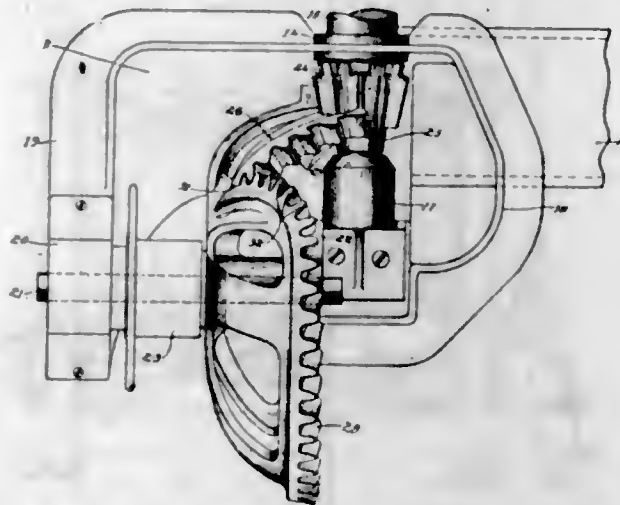
1. A plug for closing the open end of a blasting bore, comprising, in combination, a plug proper having a longitudinal bore, and means provided at the inner face of this plug and adapted to operate like a non-return valve, for the purpose set forth.

1,642,119. GAME APPARATUS. CALVIN G. LITTLEFIELD, Glencoe, Ill. Filed Oct. 28, 1926. Serial No. 144,711. 20 Claims. (Cl. 273-151.)



1. Game apparatus comprising the combination of movable token holders, tokens for connection to the holders, and a record sheet for association with the holders.

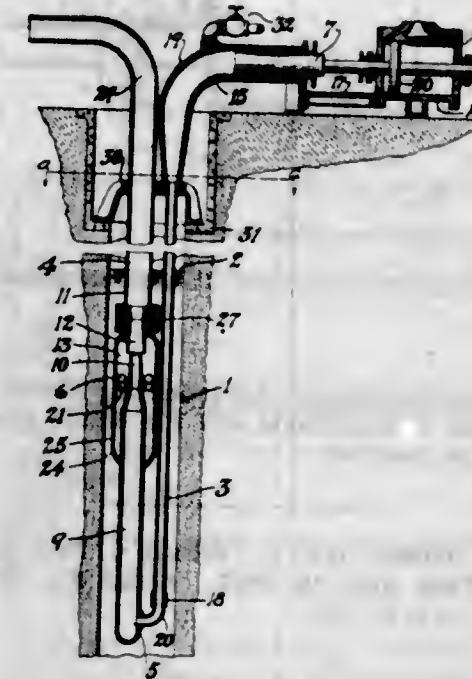
1,642,120. GEARING. FRED MATHEWS, Chicago, Ill. Filed Nov. 23, 1925. Serial No. 70,881. 8 Claims. (Cl. 74-41.)



1. A gearing comprising two gear elements disposed with their axes at an angle to each other, one of said elements being of segmental form and provided with an

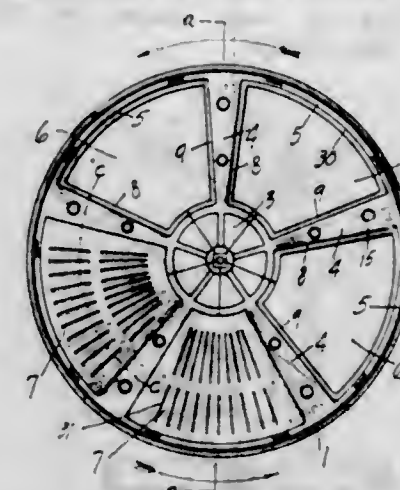
eccentric extension arranged in a spiral, the other element being a complete gear, and a spiral segmental flange extending from said complete gear for engagement with the eccentric extension of the other element.

1,642,121. OIL-WELL PUMP. WILLIAM FREDERICK McMAHON, Riverside, Calif. Filed Nov. 2, 1925. Serial No. 60,324. 12 Claims. (Cl. 103-165.)



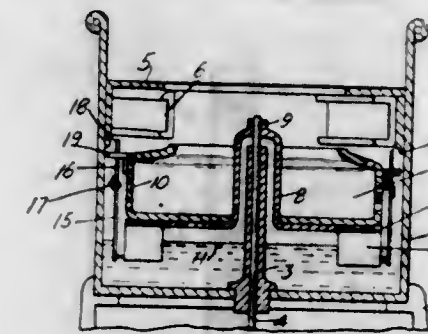
1. In an oil pump adapted to raise oil from oil deposits in the earth, a conduit adapted to hold a column of oil from said oil deposits, a conduit holding a column of water, said column of oil floating on and balanced by the pressure of the column of water, and a chamber having connection with the deposit, a passageway leading from said chamber, a discharge nozzle in said chamber directed into said passageway to induce an injector action and forming a part of the oil column, and means for imparting reciprocating movement to the columns of oil and water; whereby oil is raised from the said oil deposits.

1,642,122. DIVISION-HEAD PROPELLING SCREEN. WILLIAM FREDERICK McMAHON, Riverside, Calif. Filed Mar. 14, 1927. Serial No. 175,280. 9 Claims. (Cl. 83-9.)



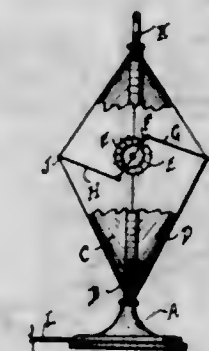
1. In a grinding mill, the combination with a rotary shell, of a division head comprising a series of separating screens inclined transversally between two radii.

1,642,123. ROTARY WASHING MACHINE. ALLAN FRASER McNAUGHTON, Toronto, Ontario, Canada. Filed Aug. 6, 1926. Serial No. 127,671. 5 Claims. (Cl. 68-18.)



1. A washing machine comprising an outer stationary water receptacle, an inner revolving container having a peripheral outlet and adapted to revolve above the level of the water contained in the water receptacle, means mounted to revolve in unison with the clothes container and adapted to force the water in the receptacle outward against the inner surface of the wall thereof to pass upward, means adjacent the upper edge of the container for directing the upwardly passing water inward into the container, and means for adjusting the water forcing means so as to extend either into the body of water as the container revolves or to travel above the water level clear of such water.

1,642,124. PUSH-PULL REPRODUCER. FRANK E. MILLER and ROBERT M. LACEY, New York, N. Y., assignors to Frank E. Miller Radio Corporation, New York, N. Y. Filed Mar. 24, 1925. Serial No. 17,869. Renewed June 29, 1927. 5 Claims. (Cl. 179-116.)

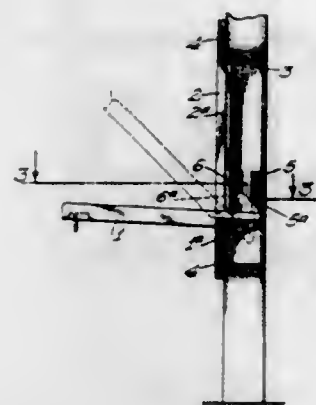


1. A push pull reproducer comprising a base, a frame mounted in said base, cusp shaped diaphragms mounted at their periphery in said frame, having stylus connections leverally operative through an electromagnet adapted to simultaneously and in opposite directions operate said stylus and diaphragms.

1,642,125. WALL SEAT. ERIC NELSON, Wilmington, Calif., assignor, by mesne assignments, to Pacific Door and Sash Company, a Corporation of California. Filed May 10, 1924. Serial No. 712,274. 4 Claims. (Cl. 155-83.)

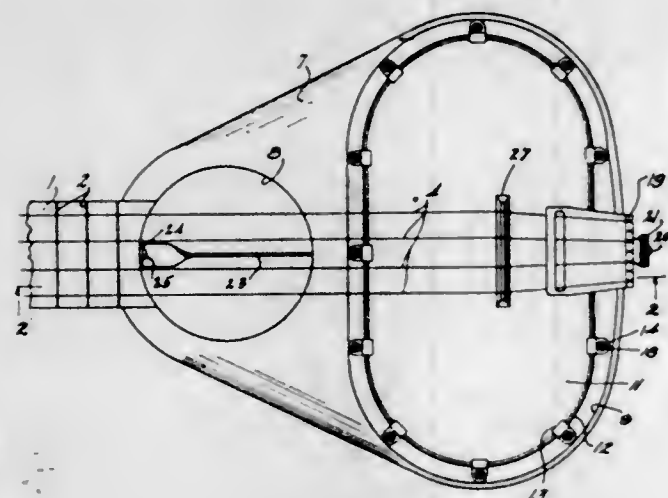
1. In a seat structure, the combination with a casing having a recess therein and abutment means at the sides of the recess, of a supporting member loosely mounted at its one end in said recess and provided at the portion extending into said recess with a supporting means, and a recess closing member loosely mounted in said recess

adapted to be positioned against the abutment means therein and flush with the front side of and closing said recess when said supporting member is shifted outwardly,



said recess closing member being held in engagement with said abutment means by the supporting means of said supporting member.

1,642,126. STRINGED INSTRUMENT. EDWARD P. NORWOOD, Birmingham, Ala. Filed Feb. 1, 1926. Serial No. 85,170. 6 Claims. (Cl. 84-269.)

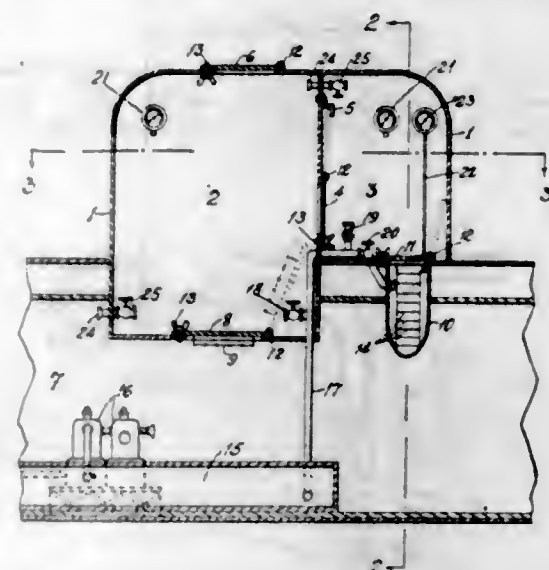


1. A stringed instrument, comprising a wooden cabinet head having in its top two spaced openings one forming a sound opening and the other adapted to receive a banjo head, a neck, and strings mounted on the instrument to pass over said opening and the banjo head.

1,642,127. LIFE-SAVING DEVICE FOR SUBMARINE VESSELS. WASSYL ORLOWSKY, Habana, Cuba. Filed Oct. 28, 1926. Serial No. 145,893. 1 Claim. (Cl. 114-18.6.)

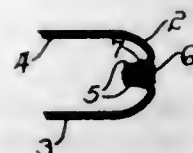
An escape means for submarines, comprising a main hull compartment, an upper conning tower compartment with an adjacent diver's compartment, and an escape passage communicating with the latter by a hatch door, doors for affording communication between the conning tower compartment and the main and diver's compartments, an air tank in the main compartment, an electric air pump for supplying air thereto, an air pipe leading

from the tank provided with valved connections to the escape passage and the two upper compartments, a valved connection between the tower and main compartment



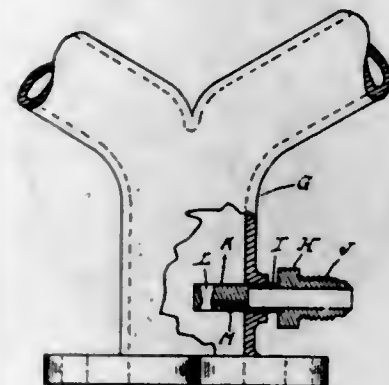
ment and air manometers for indicating the air pressure in the upper compartments and the escape passage substantially as described.

1,642,128. WORK GLOVE. ROBERT C. PALICKI, Toledo, Ohio. Filed Apr. 28, 1927. Serial No. 187,173. 3 Claims. (Cl. 2-168.)



1. A work glove comprising parts of canton flannel, rubber coated on the outer side and napped on the inner side, intumed edges on said parts, a flat strip of soft flexible material between contiguous edges, the outer exposed portion of said strip being impregnated with water and chemical resistant material, and stitching through said intumed edges and strip away from the treated portion thereof whereby the treated portion of the strip protects the stitching and the strip provides a body for the stitching.

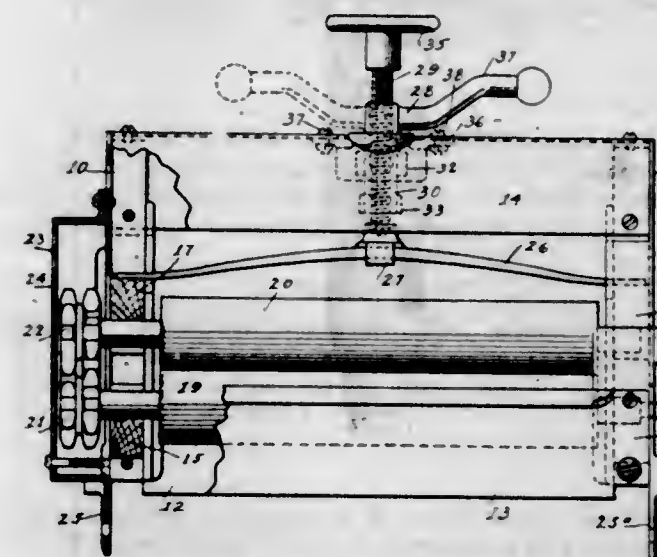
1,642,129. VACUUM FEED. ANTOINE P. PLAUT, Detroit, Mich., assignor of one-half to The Roberts Brass Manufacturing Co., Detroit, Mich., a Corporation of Michigan. Filed Oct. 22, 1921. Serial No. 509,758. 4 Claims. (Cl. 158-36.1.)



1. In a vacuum feeding system, the combination with an intake manifold having an aperture therein, of a fitting secured to said manifold and having a cylindrical

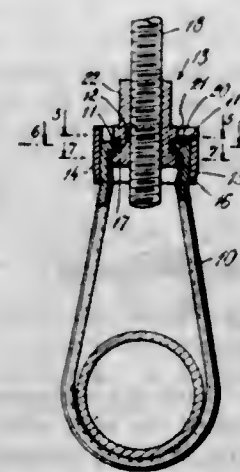
inner portion insertable through said aperture and extending into said manifold transverse to the direction of flow therethrough, said fitting containing a Venturi passage entirely within the cylindrical inner portion and containing also a suction passage connecting with the throat of said Venturi passage, said Venturi passage having its axis substantially parallel to the direction of current through said manifold.

1,642,130. WASHING-MACHINE WRINGER MECHANISM. JOHN ROCKE, Bloomington, Ill. Filed Dec. 17, 1923. Serial No. 681,055. 2 Claims. (Cl. 68-32.)



1. In a wringer, in combination a wringer frame including a top frame member, an adjustable roll supported in the frame, a removable spring tension member for imparting pressure to said roll, an elongated key seat supported in the top frame member provided with wards therein, a removable key for entry within said key seat and provided with longitudinally spaced pairs of lugs, each pair arranged in different transverse planes, and adapted to be entered through the key seat and locked by circumferential manipulation of the key and provided with an axially disposed threaded bore, and also provided with a laterally projecting striking arm; a pressure screw threaded in and extending through the key adapted for projection into contact with the spring tension member to apply pressure thereto.

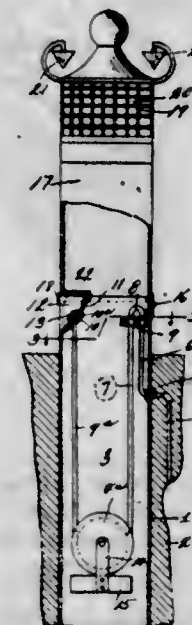
1,642,131. PIPE HANGER. CHARLES C. TOMKINSON, Plainfield, N. J., assignor to J. Edward Ogden, Mountainville, N. Y. Filed Oct. 20, 1922. Serial No. 395,731. 4 Claims. (Cl. 248-31.)



1. A pipe hanger comprising a carrier having oppositely disposed inwardly extending portions, a supporting member having rigid flanges forming an annular groove

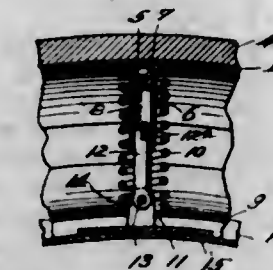
receiving said portions, means for retaining said carrier portions in said groove, the inwardly said extending portions of said carrier being swiveled in the supporting member, said retaining means having means for holding the supporting member against rotation with reference to the carrier.

1,642,132. AIR-HOSE HOUSING. BENJAMIN V. WALTER, Omaha, Nebr. Filed Sept. 30, 1924. Serial No. 740,798. 2 Claims. (Cl. 299-77.)



1. An air hose housing device comprising a base having a chamber therein, an air hose disposed in said chamber and having a downwardly extending bight, a pulley supported weight carried by said bight, the free end of said hose extending through an aperture in an inwardly offset wall of the base and into a recess formed by said wall, and a hinged cover carried by said base and forming a cover for the upper side of the recess formed by the inwardly offset wall and also a cover for the upper end of the base.

1,642,133. RESILIENT WHEEL. DELMAR A. WALSH, Kansas City, Mo. Filed Mar. 16, 1925. Serial No. 15,879. 2 Claims. (Cl. 152-8.)

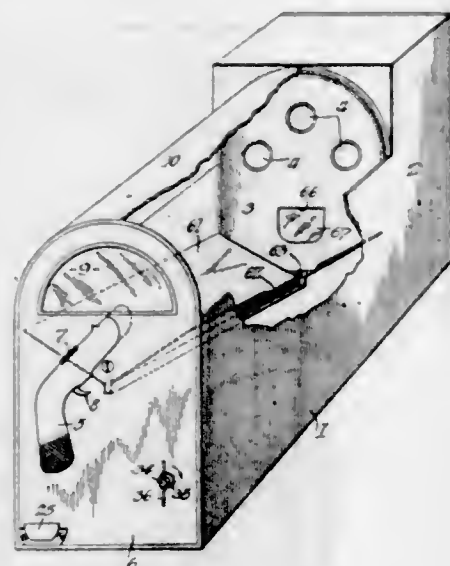


2. The combination of a wheel rim and tire casing thereon, spaced inner and outer ring members fitting in the casing one within the other, the outer member being transversely bowed outwardly and the inner member transversely bowed inwardly, plates fitting flatly against the peripheral surface of the rim and provided with lugs projecting outwardly through the inner ring member, telescopically related tubes and plungers pivoted at their outer ends to the outer member and at their inner ends to said lugs, and springs between and exerting force outwardly and inwardly on the outer and inner members respectively.

1,642,134. VENDING MACHINE. JOHN B. WATLING, Chicago, Ill. Filed July 7, 1923. Serial No. 650,048. 15 Claims. (Cl. 194-93.)

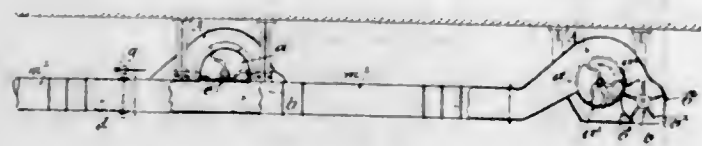
1. In a vending machine, the combination of a case having a wall at one end provided with a target aperture, a coin projector at the other end of the case for pro-

jecting coins at the target aperture, a magazine behind the wall at the end of the casing and having a mechanism controlled by the coins which pass through said



aperture for dispensing articles from the magazine, and means for collecting the coins from the projector which fail to pass through said aperture and conveying same through the wall to said mechanism.

1,642,135. PNEUMATIC APPARATUS OR MEANS FOR CONVEYING AND TREATING TEXTILE FIBERS. HENRY WILKINSON and GEORGE ARTHUR BASSETT, Oldham, England, assignors of one-third to Platt Brothers and Company Limited, Oldham, England. Filed Mar. 10, 1926. Serial No. 93,643, and in Great Britain May 13, 1925. 4 Claims. (Cl. 19-72.)

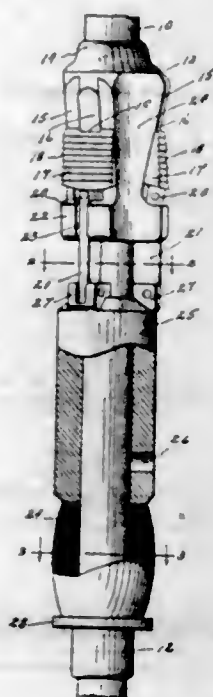


1. Pneumatic apparatus for conveying textile fibers to mixing bins, comprising a plurality of condensers each having a perforate cage, a damper in said cage, a single revoluble stripping device co-operating with the cage and revolving in a casing, a two-sided outlet cover to the casing, flexible flaps on the revoluble stripping device, the flaps contacting with the two sides of the outlet cover to seal same, feed pipes of uniform sectional area combined with the condensers and disposed at the side thereof, and an arrangement of two valves in connection with the side pipes, whereby any condenser can be cut-in or cut-out by manipulation of the two valves so that in one case the fiber is delivered by a particular condenser and in the other case the material continues along the side pipes and is not passed over the condenser cut-out, and a fan to create a suction through the connected structures.

1,642,136. AUTOMATIC TUBING CATCHER FOR WELLS. ROBERT A. WILSON, Dallas, Tex., assignor to The Guiberson Corporation, Dallas, Tex., a Corporation of Delaware. Original application filed June 26, 1926. Serial No. 118,633. Divided and this application filed Dec. 6, 1926. Serial No. 152,777. 3 Claims. (Cl. 103-219.)

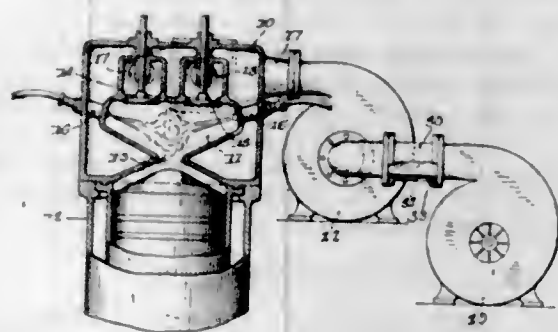
1. In an automatic well tubing catcher, a tubing section, a head connected with said section, gripper slips mounted on the head and movable outwardly relatively

of said head, a weight slidable on the section below the head, connections between the slips and said member, and an elastic rubber-like member supported on the tubing



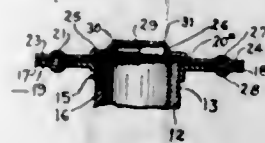
section and supporting the weight, whereby said rubber-like member is compressed and said weight is solidly supported.

1,642,137. OIL ENGINE. OTTO A. BANNER, Milwaukee, Wis., assignor to The Falk Corporation, Milwaukee, Wis., a Corporation of Wisconsin. Filed Mar. 30, 1921. Serial No. 456,933. 1 Claim. (Cl. 123-27.)



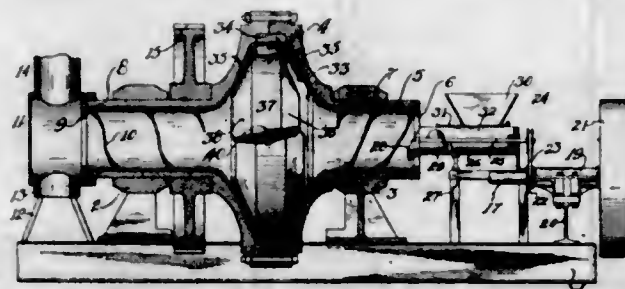
In an oil engine the combination of a cylinder, a piston working therein, and a series of blowers selectively operable to deliver air to said cylinder under varying pressures.

1,642,138. CLOSURE MEMBER FOR RECEPTACLES OR THE LIKE. CLARENCE E. BILLINGS, New Haven, Conn. Filed Nov. 19, 1921. Serial No. 516,422. 2 Claims. (Cl. 220-33.)



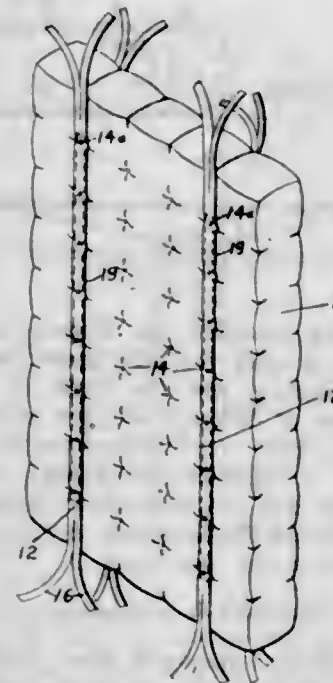
1. In a closure structure for receptacles, a filler neck and a filler cap mounted on said neck comprising two relatively movable parts, headed members connecting the parts, and means to press said parts adjacent the heads of the members by a rotation of the cap on the neck, one of said headed members co-operating with one of said parts whereby said parts are locked against relative movement when pressed against said heads.

1,642,139. PULVERIZER. CHARLES E. BRAINARD, Chicago, Ill. Filed Apr. 8, 1927. Serial No. 181,956. 10 Claims. (Cl. 83-9.)



10. The combination with a pulverizing machine, of a roller mechanism adapted for use therein comprising a plurality of roller segments adapted to interfit with one another to form a substantially complete roller.

1,642,140. MATTRESS-SUSPENDING MEANS. GORDON F. CANE, San Francisco, and ARTHUR C. WHEELLOCK, Oakland, Calif. Filed Feb. 9, 1923. Serial No. 617,845. 1 Claim. (Cl. 5-322.)

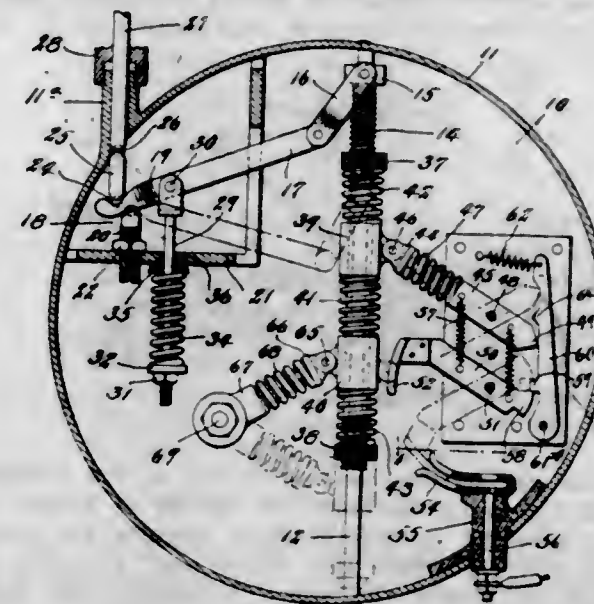


In combination with a mattress, a supporting means comprising a pair of oppositely disposed flexible strips stitched to the sides of said mattress and adapted for tying the mattress to a portion of a bed, and means extending through said mattress and fixed securely to said strips to tie said strips together, whereby tensional strain on one of said strips will be directly communicated to the other of said strips.

1,642,141. CONTROLLING DEVICE. JOHN O. CARREY, St. Louis, Mo., assignor to Carrey-Morse Engineering Company, St. Louis, Mo., a Corporation of Missouri. Filed Mar. 15, 1923. Serial No. 625,427. 7 Claims. (Cl. 137-189.)

1. A controlling device comprising a lever, a stationary member, a sleeve movable longitudinally of said stationary member and provided with threaded ends, a collar screw-seated on each end, said lever being operatively connected to one of said collars, a pair of tubular members on said sleeve, valve mechanism operable by one of said tubular

members, an electric switch mechanism operable by the other of said tubular members, and coil springs interposed between said collars and said tubular members and be-



tween said tubular members for forming yielding operative connection between said collars and said tubular members.

1,642,142. OUTLET BOX. HERBERT RAY COOK, Chicago, Ill., assignor to Chicago Fuse Mfg. Co., Chicago, Ill., a Corporation of Illinois. Filed Mar. 9, 1925. Serial No. 13,989. 3 Claims. (Cl. 247-15.)

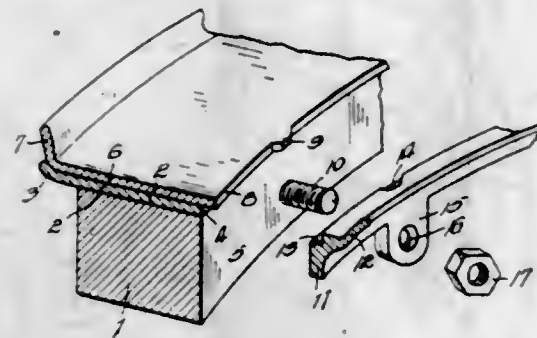


2. A duplex outlet box having a substantially straight peripheral wall containing a knock-out, a partition plate forming two separated compartments in said box, said partition having a knock-out therein adapted to be removed to form a recess in the periphery of the partition adjacent the knockout of said wall.

1,642,143. SEPARABLE RIM. WILLIAM P. DOYLE, Maplewood, Mo. Filed Apr. 2, 1923. Serial No. 629,321. 3 Claims. (Cl. 152-21.)

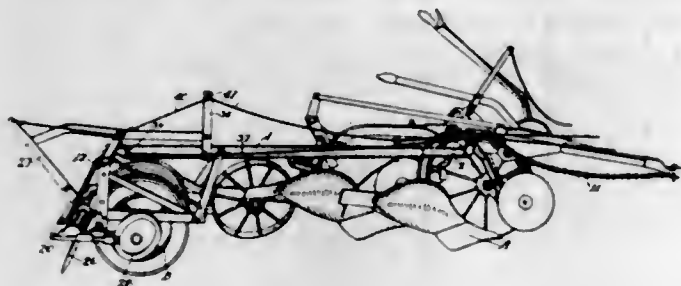
1. In combination with a felly, having a plurality of equally spaced screw threaded studs, a rim member fixed to the felly with its outer side face lying in a plane with the outer side face of the felly, an inner separable rim section having a tire retaining flange removably mounted upon the fixed rim member and having its outer edge portion extending beyond the outer edges of the fixed

rim member, a plurality of equally spaced lugs directed laterally beyond the outer side face of the inner separable rim section and positioned opposite the screw threaded studs, an outer separable rim section having an annular groove to receive the outer side edge portion of the inner



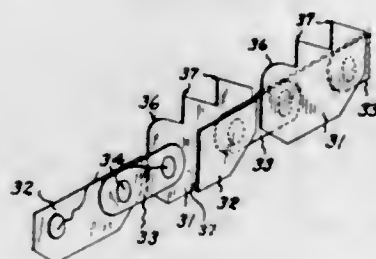
separable rim section, recesses formed in the peripheral face of the outer separable rim section to receive said lugs, a plurality of ears disposed opposite the recesses of the outer separable rim section and provided with openings to receive the screw threaded studs and a securing nut for each stud.

1,642,144. PLOWING DEVICE. RAYMOND R. DUPLER, Toledo, Ohio. Filed Mar. 25, 1926. Serial No. 97,275. 4 Claims. (Cl. 97-6.)



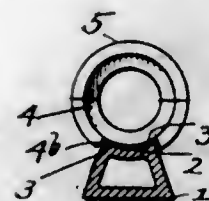
1. In a device of the class described, the combination of a frame, a shaft journaled in said frame, rollers fixed to said shaft, a harrow connected to said frame and disposed in the rear thereof, means for permitting cross-wise movement of said harrow relative to said frame, a cam roller fixed to said shaft, and a connection between said cam roller and said harrow whereby rotation of said cam roller imparts horizontal reciprocatory movement to said harrow.

1,642,145. PORTABLE POWER CUT-OFF SAW. ERNEST E. FERGUSON, Seattle, Wash. Filed Jan. 25, 1926. Serial No. 83,521. 7 Claims. (Cl. 143-135.)



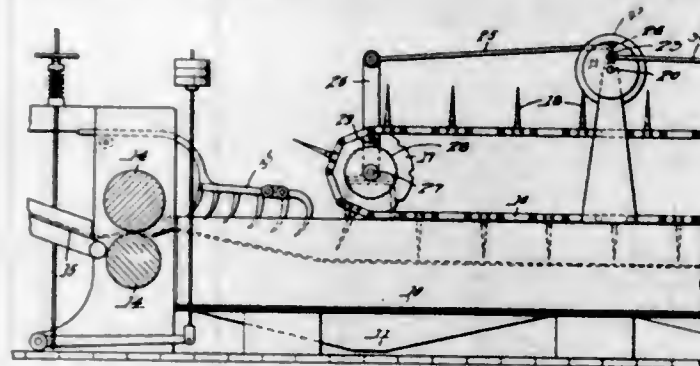
1. A flexible saw blade of link construction embodying blade sections, each alternate section being formed of two parts arranged side by side in spaced relation, said alternate sections being connected by single blade parts, having their respective ends positioned between the two blade parts of the alternate sections, and combined pivot and spacing means disposed entirely between the blade parts of the alternate sections and secured to said blade parts, the single blade parts being pivotally connected with said pivot and spacing means.

1,642,146. CONDUIT CONSTRUCTION. JOSEPH B. FICHTNER and HOMER H. CROUCH, Uhrichville, Ohio, assignors to The Rlc-Wil Company, Cleveland, Ohio, a Corporation of Ohio. Filed Jan. 15, 1925. Serial No. 2,704. 6 Claims. (Cl. 72-51.)



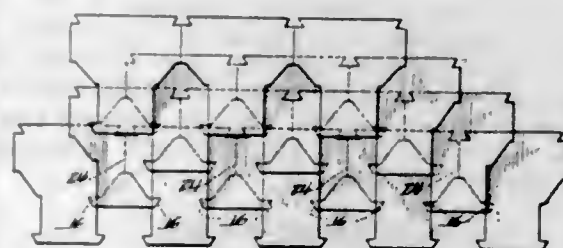
1. An underground conduit construction comprising a conduit composed of a plurality of abutting pipe sections, a plurality of base members arranged beneath said conduit sections for supporting the same, each of said conduit sections being provided with a notched out portion which straddles the upper portion of a base section upon which it rests.

1,642,147. WASHING MACHINE. FRANK L. FURBUSH, Westford, Mass., assignor to C. G. Sargent's Sons Corporation, Graniteville, Mass., a Corporation of Massachusetts. Filed Mar. 16, 1927. Serial No. 175,899. 5 Claims. (Cl. 141-5.)



1. In a washing machine for fibrous materials, the combination with a tank for the liquor, of a conveyor having arms projecting into the tank, a shaft having two cranks thereon of different lengths, means connected with the longer crank for intermittently moving the conveyor forward in the tank, and means connected with the shorter crank for intermittently moving the conveyor backward during the intervals in which the forward crank is not moving the conveyor.

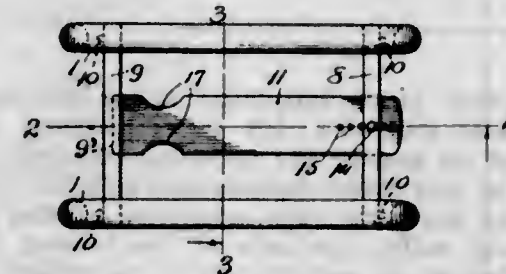
1,642,148. ROOFING. HARRY L. GUY, Chicago, Ill., assignor of one-half to Charles S. Purnell, Oak Park, Ill. Filed Apr. 30, 1927. Serial No. 187,716. 4 Claims. (Cl. 108-7.)



4. A shingle having the general shape of a keystone; and having an upper portion with vertical side edges, and a lower portion with vertical side edges; the middle portion between having diagonal side edges flared more than the taper of the shingle as a whole, to compensate for the vertical portions; the contour of the shingle side above the center line being a reversed duplicate of that below, whereby the shingles can be cut from a continuous strip without any waste; notches in the extreme upper corners of the shingle and locking tabs at the ex

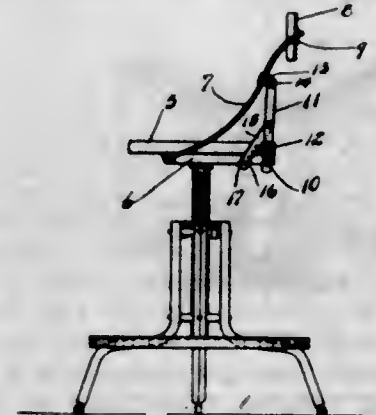
treme lower corners, said notches leaving the necessary material to form said tabs; and horizontal shoulders joining said flared portion to said vertical portions; the vertical space between said tabs and the adjacent shoulders determining the vertical spacing between successive rows of shingles on the completed roof.

1,642,149. FLOAT. WILLIAM J. HAYNES, Kansas City, Mo., assignor of one-half to Joseph H. Swathmey, Harrisonville, Mo. Filed Dec. 30, 1926. Serial No. 157,960. 8 Claims. (Cl. 9-11.)



1. A float of the kind described comprising two annular inflatable tubes, two pairs of peripherally grooved members respectively mounted in said tubes with the tubes fitted in the grooves of said members, two cross bars respectively connected to the members of opposite pairs, and a center board connecting said cross bars between said tubes.

1,642,150. BACK ADJUSTMENT. ROBIN H. IRVINE, Bay City, Mich. Filed Aug. 24, 1925. Serial No. 51,946. 3 Claims. (Cl. 155-155.)



1. The combination with a seat frame, pins projecting therefrom, a back frame secured to said seat frame and including vertically disposed members having elongated openings therein through which the pins project and notched bars connected to said vertically disposed members and adapted to detachably engage said pins.

1,642,151. MOUSE TRAP. GEORGE AUGUSTUS JONES, Denver, Colo. Filed Dec. 8, 1925. Serial No. 74,061. 19 Claims. (Cl. 43-85.)



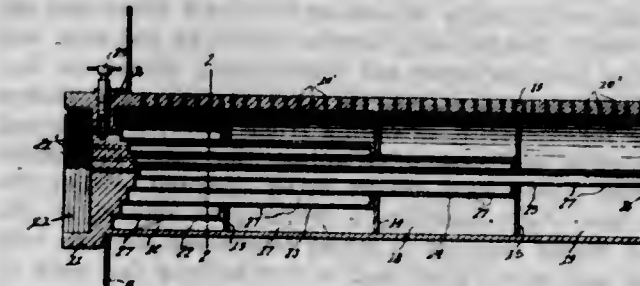
1. In an animal trap, a body portion having an opening, a jaw adapted to intersect said opening, means to actuate said jaw, fixed means to check the longitudinal movement of said jaw until said jaw has moved laterally, movable means to check said lateral movement, and means to release said movable means to permit the movement of said jaw.

1,642,152. TAPE HOLDER. WILLIAM KALTSCHMIDT, Erie, Pa. Filed Mar. 10, 1926. Serial No. 93,809. 1 Claim. (Cl. 211-31.)



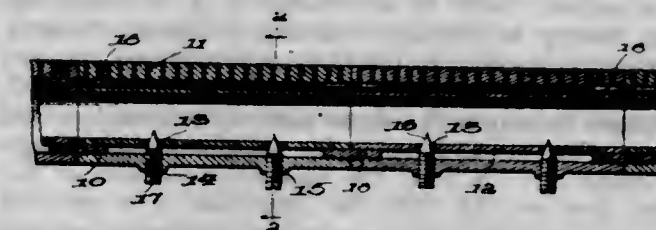
In a device of the class described, a plate, inverted U-shaped hooks on the upper edge of said bar at each end thereof adapted to engage a suitable support and hold said bar in a horizontal position, a vertical lug on the lower edge at one end of said plate, a spindle rod pivoted on said vertical lug and adapted to swing thereon, and a U-shaped lug on the lower edge of said plate adapted to receive the free end of said spindle, whereby said spindle is adapted to resist lateral strain thereon.

1,642,153. GAS BURNER. WILLIAM WALLACE KEMP, Baltimore, Md., assignor to The C. M. Kemp Manufacturing Company, Baltimore, Md., a Corporation of Maryland. Filed Mar. 13, 1925. Serial No. 15,315. 12 Claims. (Cl. 158-105.)



1. A gas burner comprising an elongated casing provided with jet openings, a plurality of concentrically arranged tubes disposed within said casing and having orifices therein, a head at one end of the casing forming a manifold communicating with each tube, the said casing having partition walls therein forming independent burner chambers, the tubes delivering to independent chambers, and a series of adjustable valves for regulating independently the amount of fuel admitted to each tube.

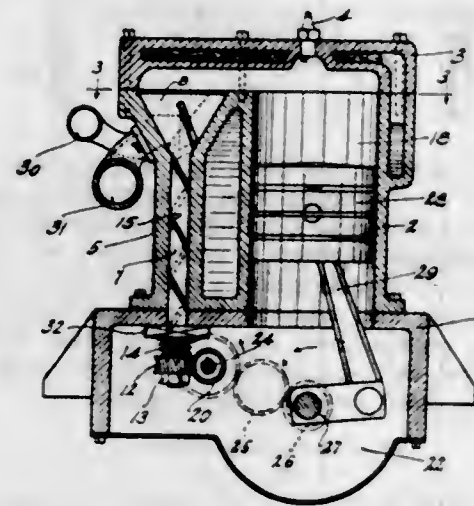
1,642,154. GAS BURNER. WILLIAM WALLACE KEMP, Baltimore, Md. Filed Jan. 13, 1927. Serial No. 160,908. 19 Claims. (Cl. 158-105.)



1. A gas burner comprising a sectional casing having jet openings, a fuel manifold tube within said casing and communicating therewith, a coupling connecting the adjacent sections, and means delivering the fuel to the jet openings directly above the coupling.

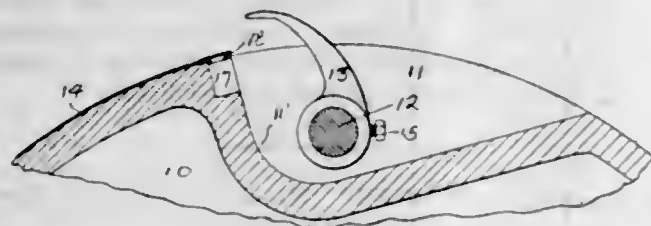
1,642,155. RESIN-CONTAINING COATING COMPOSITION. JOHANNES M. KESSLER, West Orange, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a Corporation of Delaware. Filed Feb. 3, 1920. Serial No. 355,960. 21 Claims. (Cl. 134-26.)
8. A coating composition comprising 100 parts of a fused fossil resin and from about 20 to 25 parts of a softener comprising China wood oil and linseed oil.

1,642,156. VALVE MECHANISM FOR INTERNAL-COMBUSTION ENGINES. ROSCOE CARTER KNOWLES, Quinton, Ala., assignor to V. B. Fitts, Quinton, Ala. Filed Nov. 19, 1923. Serial No. 675,517. 4 Claims. (Cl. 123—80.)



1. A rotary valve for internal combustion engines, comprising a valve seat having intake and exhaust ports, a rotary valve mounted in said seat and adapted to control said ports, a stem depending from said valve into the crank case, a helical oil groove surrounding the stem and extending from its lower end continuously across the face of the valve to a point near its outer margin, a continuous bearing for the stem extending from near its lower end to the valve seat, means to rotate the valve stem from the crank shaft, said means being disposed within the crank case and comprising a worm gear splined on the stem, a thrust bearing, a spring interposed between said bearing and worm gear, and a nut holding the gear on the stem.

1,642,157. GRIPPER BLOCK FOR PRINTING PRESSES. ROBERT P. KNOX, Oakland, Calif. Filed Nov. 2, 1926. Serial No. 145,752. 2 Claims. (Cl. 101—412.)

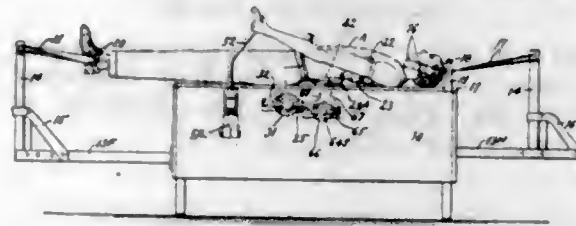


1. A gripper block to be secured to a printing-press platen, having an opening therein; a plunger slidably guided in the opening in the block and having a slot cut through the body thereof; springs in the block beneath the plunger to project the upper side of the plunger above the level of the block; a bar in the block extended through the plunger slot to limit the upward movement of the plunger into contact with the underside of a printing sheet on the platen; and a cooperating element on the platen to press the sheet into contact with the plunger.

1,642,158. SPINAL-ADJUSTMENT DEVICE. JOSEPH KUBISTA, Owatonna, Minn. Filed Aug. 16, 1926. Serial No. 129,480. 2 Claims. (Cl. 128—71.)

1. A tension couch of the class described comprising an elongated housing, a removable cover upon which a patient may lie, said cover having a longitudinal slot, extensible stretching means arranged longitudinally and projecting from both ends of the housing and adapted to be connected to the head and feet of the patient, means operable longitudinally and upwardly within the said slot of the cover for pounding and massaging the back of the patient, said stretching and massaging means adapted to be manipulated by means within reach of the patient,

said massaging device comprising a pair of transversely spaced upwardly directed pads each fixed on the upper part of a vertically oscillable bar slidable in a block adjustably mounted on a rail arranged longitudinally within the housing and means for longitudinally adjusting said block on said rail and further means for oscillating said

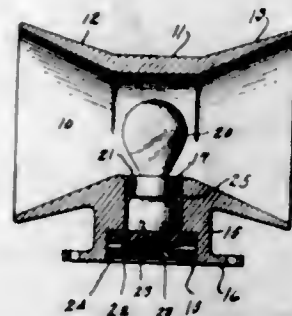


rails in vertical planes said latter means comprising a pair of spaced transverse rock shafts journaled in the side walls of the housing and projecting outwardly therefrom cams on said shafts engaging said rails and adapted to raise and lower the rails selectively, rocking levers fixed on said shafts externally of the housing and in accessible position for manipulation by the patient.

1,642,159. STENCIL SHEET. CHARLES F. KUMLI, Chicago, Ill., assignor to Spiegel, May, Stern Company, Chicago, Ill., a Corporation of Illinois. Filed June 14, 1926. Serial No. 116,038. 11 Claims. (Cl. 41—38.6.)

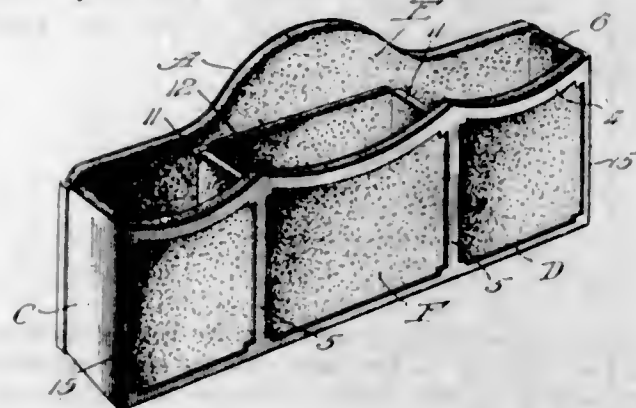
1. A stencil blank comprising a sheet of fibrous material coated with glue and zinc chloride.

1,642,160. HEADLIGHT. CHARLES L. LAWTON, Hancock, Mich. Filed Mar. 27, 1926. Serial No. 97,857. 3 Claims. (Cl. 240—7.1.)



1. A mine locomotive headlight consisting of a relatively thick section shock resisting casing open at both ends and having a light bulb therein, means to mount said casing upon a locomotive and shock absorbing means between said casing and light bulb.

1,642,161. CASE HOLDER. WILLIAM H. LESTER, Elgin, Ill., assignor to Illinois Watch Case Company, Elgin, Ill., a Corporation of Illinois. Filed Jan. 18, 1926. Serial No. 81,926. 2 Claims. (Cl. 220—63.)



1. A holder adapted for mounting on and in harmonious association with a wall covering of an automobile or the like comprising an open top box-like receptacle

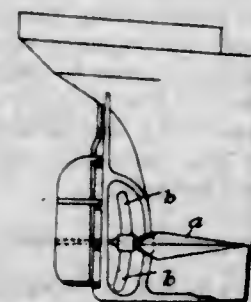
having front, back, bottom and two end walls, the front wall being in the form of an ornamental open frame work, a removable panel associated with the rear side of said front wall and visible therethrough, and a removable lining for said back and end walls fitted within said receptacle, said panel and lining being formed of a material to harmonize with said wall covering.

1,642,162. WINDOW CONTROL AND SILENCER. JOHN H. LONBICK, Dearborn, Mich. Filed Jan. 11, 1926. Serial No. 80,457. 23 Claims. (Cl. 268—129.)



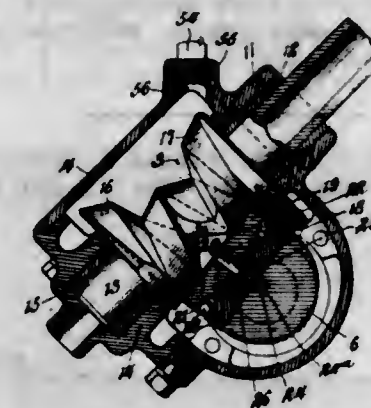
1. In a window control mechanism for a slidably mounted pane of glass adapted to be lowered by hand, and wherein a spring motor having its axis of rotation at an angle to said pane of glass is adapted to be conditioned by a lower movement of the pane of glass to raise the pane of glass, a motor controlling means interposed between said motor and said pane of glass operable to engage and hold the pane of glass in an adjusted position and produce a braking action against said motor.

1,642,163. DEVICE FOR REDUCING THE PITCHING OF SHIPS. HERMANN FRIEDRICH WILHELM LUCKE, Altona-on-the-Elbe, Germany. Filed Nov. 9, 1926. Serial No. 147,211, and in Germany July 29, 1926. 1 Claim. (Cl. 114—126.)



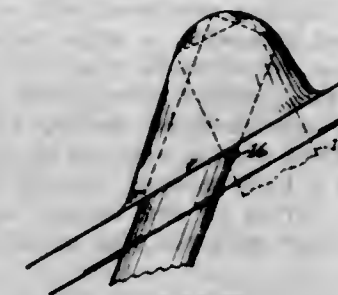
A device for reducing the pitching of ships, wherein stationary guide members are provided on both sides of the rear of the ship and extend close up to the propeller blades and wherein the guide members consist each of a number of plates which are formed into a hollow body.

1,642,164. STEERING GEAR. HENRY MARLES, London, England. Filed Jan. 25, 1922. Serial No. 581,790, and in Great Britain May 18, 1921. 20 Claims. (Cl. 74—79.)



1. The combination with a rotatable shaft, a pair of opposed like cams mounted thereon, a rocker shaft at one side of the cams arranged at an angle to said rotatable shaft, and a rotatable disk carried by the rocker shaft at the same side of the cams as the latter and having its face engaging both the cams for rocking the rocker shaft.

1,642,165. FLASHING. EDWARD R. MCCAFFREY, Spokane, Wash. Filed Mar. 5, 1921. Serial No. 449,691. 3 Claims. (Cl. 285—31.)



1. A process of forming flashings consisting in drawing from the inner portion of a metal sheet a conically shaped projecting flange portion having a rounded outer end, whereby the flange portion is integral with the base of the flashing, in passing the projecting portion over a pipe so that the rounded end portion presses against the end of the pipe, and in cutting out an opening in the said end portion by tapping the sheet metal against the edge of the pipe end.

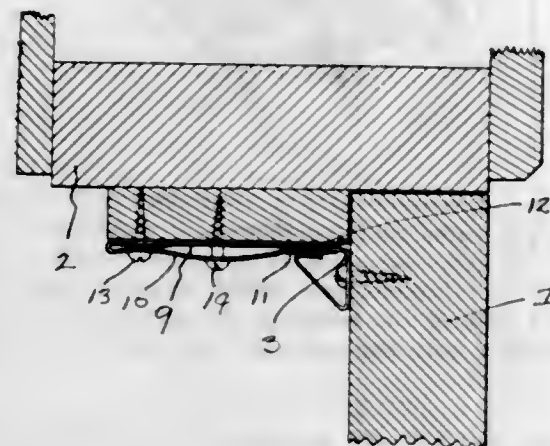
1,642,166. METHOD OF MAKING FLASHINGS. EDWARD R. MCCAFFREY, Chicago, Ill. Filed Nov. 3, 1924. Serial No. 747,580. 1 Claim. (Cl. 113—116.)



A method of forming flashings consisting in forming a protuberance in the central portion of a piece of sheet metal by drawing more or less of the metal from the

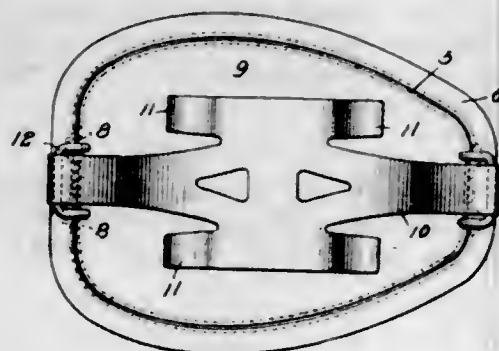
surrounding portions of the sheet, then in increasing the height of said protuberance by a corresponding drawing process and flattening a portion of the outer end of said protuberance, in then removing a portion of the metal from the flattened portion, then in turning inwardly the metal surrounding the opening in said sheet, and then in forming the metal around said opening into a tubular two ply collar with its sides angular with reference to the sides of said protuberance.

1,642,167. DOOR CATCH. GEORGE A. MOON, San Francisco, Calif. Filed Apr. 1, 1926. Serial No. 98,966. 2 Claims. (Cl. 292-76.)



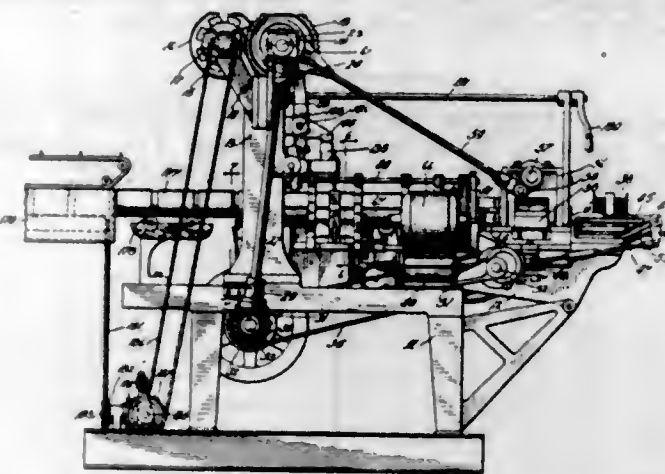
1. A door catch comprising a strip of metal bent upon itself to form a clamping member, said bent portion being spaced away from the first mentioned strip and rebent to approximate contact therewith, a screw passing through the clamping member, to adjust the space between the bent portion and the strip, a second screw passing through the rebent portion of said clamping member to adjust the pressure of said rebent portion adjacent to the closed end of the clamp, and a knife member adapted to enter the clamping member, having an end thereof bent upwardly to approximate contact with the edge of said knife member.

1,642,168. HAM BOILER. OTHO M. OTTE, Tarentum, Pa., assignor to Allegheny Steel Company, Brackenridge, Pa., a Corporation of Pennsylvania. Filed Apr. 1, 1925. Serial No. 19,866. 2 Claims. (Cl. 100-57.)



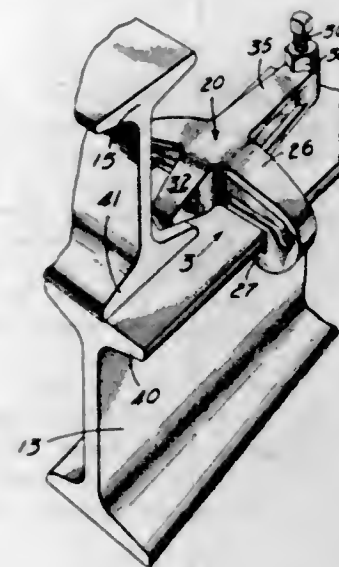
1. A cooking utensil including in combination a container, a lid telescoping therein, a spring member having spaced bearing faces formed thereon and depending below said member for engagement with said lid and means for securing said spring to said container so that said faces force said lid into engagement with the contents of said container.

1,642,169. CAN-BODY-MAKING MACHINE. JOHN F. PETERS, Rochester, N. Y., assignor to American Can Company, New York, N. Y., a Corporation of New Jersey. Filed Nov. 10, 1922. Serial No. 599,992. 8 Claims. (Cl. 113-11.)



7. A machine for making can bodies, comprising an outside forming horn having a bottom opening for the peripheral introduction of the blanks, and means for arranging the blanks against the inner surface of said horn preparatory to the formative operations thereon.

1,642,170. ANCHOR FOR CROWN BLOCKS. LESLIE A. RAWSON, Houston, Tex., assignor to Emsco Derrick & Equipment Company, Los Angeles, Calif., a Corporation of California. Filed Dec. 13, 1926. Serial No. 154,570. 7 Claims. (Cl. 189-35.)

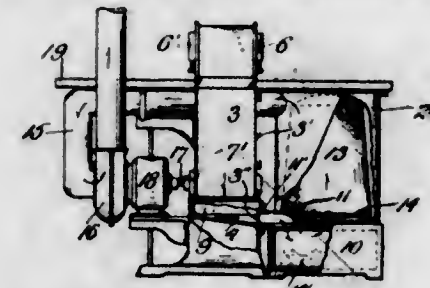


1. An anchor comprising: a yoke adapted to fit around a flange, said yoke having fulcrum arms adapted to engage said flange; an engager extended from said yoke, said engager being adapted to engage a member for securing said member to said flange; a lever arm extended from said yoke; and means engaging said lever arm for moving said yoke and said engager so that said engager will grip said member.

1,642,171. BOOK SANDER. WINFRED ELMO REAVIS, Los Angeles, Calif. Filed Sept. 19, 1925. Serial No. 57,342. 2 Claims. (Cl. 51-273.)

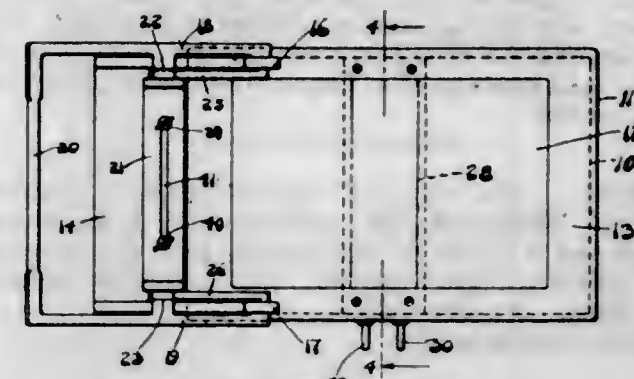
1. A device for removing surplus material from the edges of book signatures, comprising a housing, a signature support thereon having an opening therein communicating with said housing and arranged to accommodate the operator's fingers holding a signature, an endless abrading belt operable within said housing, said housing having an opening near the top thereof exposing a portion of the belt at the signature support and pro-

vided near the bottom thereof with a plate inclined to the horizontal, a deflecting plate extending horizontally of said housing and inclined to the vertical to prevent abraded particles from being drawn upwardly by said belt, a dust chamber, a connection between said housing



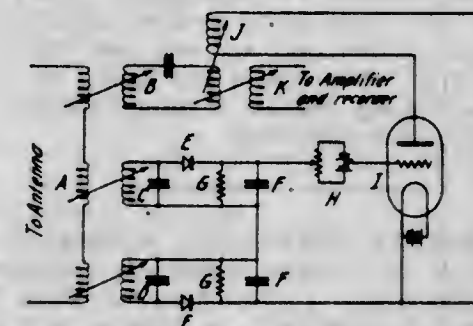
and dust chamber, a normally collapsed, self-emptying screen bag within said chamber, means for supporting said bag when collapsed, and means for creating a suction about said belt and through said screen to inflate said screen bag and collect dust particles therein while said screen bag is inflated.

1,642,172. LINEN-MARKING MACHINE. HERMAN J. F. RICHTER and JOHN J. BURCKHAUSER, Cincinnati, Ohio. Filed May 28, 1925. Serial No. 33,564. 1 Claim. (Cl. 101-301.)



A linen marking machine comprising a frame, across the frame near its center a detachable rectangular heating unit casing with its top surface flush with that of the frame, in the casing embedded in cement therein a heating unit, covering the top of the cement a layer of non-combustible yielding material flush with the top of the casing, a detachable article-supporting platen having a rectangular opening to fit adjacent the casing and mounted on the frame, an inking device located adjacent to the article-supporting platen, a movable die carrying holder and means for moving the holder from the inking device to the top portion of the heating unit upon the linen to be marked which rests upon the article-supporting platen and back again.

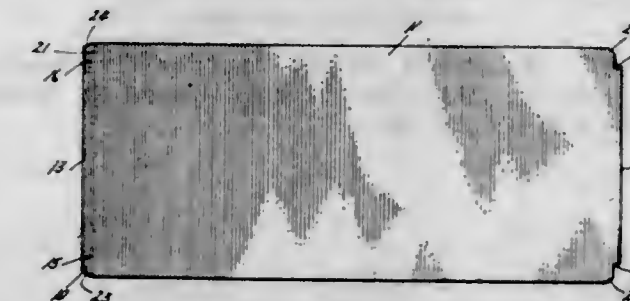
1,642,173. RADIO SIGNALING SYSTEM. HENRY JOSEPH ROUND, London, England, assignor to Radio Corporation of America, a Corporation of Delaware. Filed Mar. 2, 1922. Serial No. 540,451, and in Great Britain Mar. 18, 1921. 22 Claims. (Cl. 250-8.)



1. In a wireless receiving system, the combination of a tuned circuit, a second circuit comprising a pair of portions electrically balanced for a certain frequency

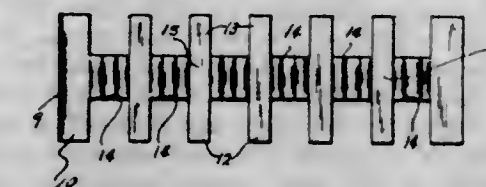
and unbalanced at nearby frequencies, and a relay co-operating with the second circuit adapted to change the tuning of the first circuit.

1,642,174. CAN-BODY BLANK. FRANKLIN RUDOLPH, Chicago, Ill., assignor to American Can Company, New York, N. Y., a Corporation of New Jersey. Filed Sept. 1, 1922. Serial No. 585,602. 4 Claims. (Cl. 220-75.)



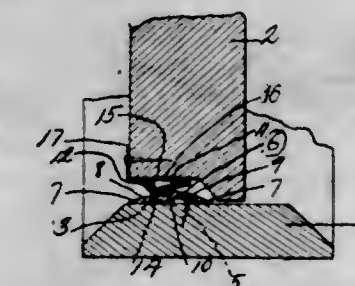
1. A can body blank, comprising a piece of sheet metal notched in its side edges adjacent the top and bottom to provide interlocking side flanges throughout the major part of the height of the blank and overlapping edges at the top and bottom, the material of the blank at the corner which is disposed inside of the can being cut off diagonally whereby when the can body is flanged outwardly at its ends the overlapping corner edge extends diagonally across above the underlapped flange to prevent severing of a gasket placed thereon when a cover is applied to the can.

1,642,175. DOOR-FRAME ANCHOR. HAROLD SCARTH, Detroit, Mich. Filed June 5, 1925. Serial No. 35,163. 4 Claims. (Cl. 72-103.)



1. A door frame anchor of the class described comprising a main body portion being successively corrugated and formed with a plain surface throughout its length and plain surfaced tongues projecting laterally from said main body portion at the points where said main body portion is formed plain surfaced; and an angularly turned portion on said main body portion, adjacent one end thereof adapted for attachment to a door frame or the like.

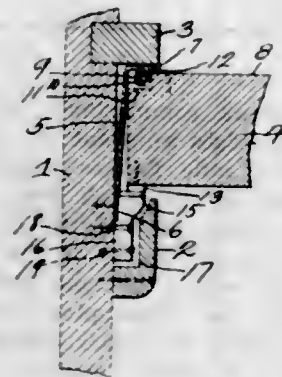
1,642,176. WEATHER STRIP. AUGUST C. SCHNAKE, Centralia, Ill. Filed Aug. 29, 1924. Serial No. 734,895. 1 Claim. (Cl. 20-69.)



The combination with the free end of a hinged closure, of a weather strip for said closure, said weather strip comprising an angularly shaped member, one flange of the angularly shaped member being secured to the outer side of the closure, the other side of said angularly shaped member being disposed in a rabbet of the closure, said last named flange terminating in an acutely disposed

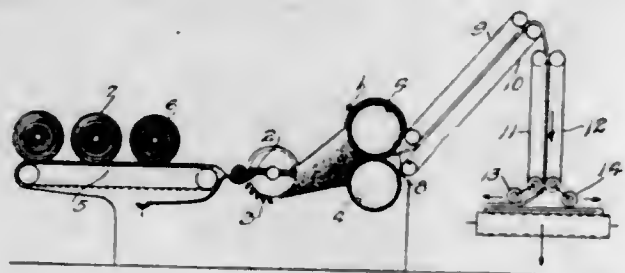
flange extending outwardly, a bead V-shaped in vertical transverse cross section carried by the acutely disposed flange, a fixed plate, said fixed plate being provided with differently positioned convex surfaces thereby forming a shoulder, said shoulder inclining upwardly and outwardly, said bead cooperating with said surfaces of the plate for forming a water tight joint, one side of said bead inclining upwardly and outwardly and the other side upwardly and inwardly.

1,642,177. WEATHER STRIP. AUGUST C. SCHNAKE, Centralia, Ill. Filed Mar. 23, 1926. Serial No. 96,750. 1 Claim. (Cl. 20—69.)



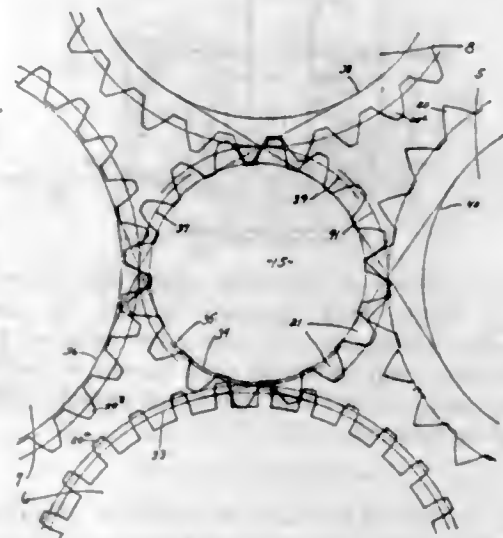
A weather strip for slidable sash slidably mounted between strips and adjacent a jamb, said weather strip comprising a plate secured to the jamb and including outwardly and terminating adjacent the outer side of the sash, a flange carried by the outer end of the plate and overlying the outer side of the sash, a channeled member carried by the outer side of the sash, a bead carried by the flange carried by the plate and disposed in the channeled member of the sash, convex members carried by the inner side of the sash, plates secured to the jamb beneath one of the strips and convex members carried by said plates and cooperating with the convex members carried by the sash and forming means whereby the sash will be forced outwardly in parallel relation to the strips.

1,642,178. LAP MACHINE. LUDWIG SCHORSCH, Goerkan, Czechoslovakia. Filed Mar. 22, 1926. Serial No. 96,566, and in Germany Mar. 23, 1925. 7 Claims. (Cl. 19—163.)



1. Apparatus for use in the manufacture of cotton yarn comprising in combination with a picker or lapper, a belt conveyor, a distributor for delivering the bat from the picker onto one run of the conveyor, and means for moving the distributor and conveyor relatively to one another to lay the bat in the form of overlapping folds extending transversely of the direction of movement of the conveyor.

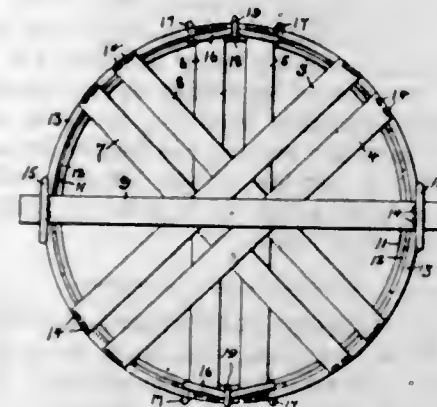
1,642,179. METHOD FOR FINISHING GEAR TEETH. CHARLES H. SCHURR, Cleveland, Ohio, assignor to The Lees-Bradner Company, Cleveland, Ohio, a Corporation of Ohio. Filed July 21, 1926. Serial No. 123,966. 33 Claims. (Cl. 80—60.)



1. The method of finishing the teeth of a work gear which includes meshing the work gear with a plurality of tools, each having working portions of gear tooth form, and rotating the tools and work gear relatively, and one of the tools rotating at a different work gear pitch circle from another.

1,642,180. DI-PARA-XYLYLGUANIDINE. WINFIELD SCOTT, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a Corporation of Delaware. Filed Nov. 27, 1922. Serial No. 603,671. 1 Claim. (Cl. 260—125.)
Di-para-xylylguanidine.

1,642,181. BASKET. ALEXANDER PINKNEY SMITH, Macon, Ga. Filed Mar. 24, 1926. Serial No. 97,087. 3 Claims. (Cl. 217—124.)

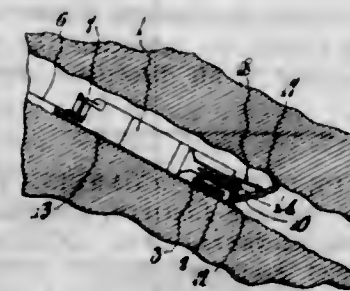


1. A basket fastener, in combination with the usual basket cover, of a re-inforcing member extending across a pair of slats of the cover and attached thereto and a fastener mounted in the rim of the basket, the free end of said fastener being adapted to engage said re-inforcing member intermediate said slats.

1,642,182. SAFETY APPARATUS. CHARLES C. SMITH, Claremont, N. H., assignor to Sullivan Machinery Company, a Corporation of Massachusetts. Filed Dec. 11, 1920. Serial No. 430,102. 19 Claims. (Cl. 262—8.)

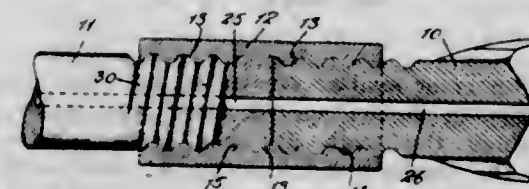
1. The combination with a self-propelled mining machine bodily slidable on its own bottom on the mine bottom during cutting, and means for continuously feeding

the machine during cutting, of means carried by and movable at a uniform rate with said machine normally



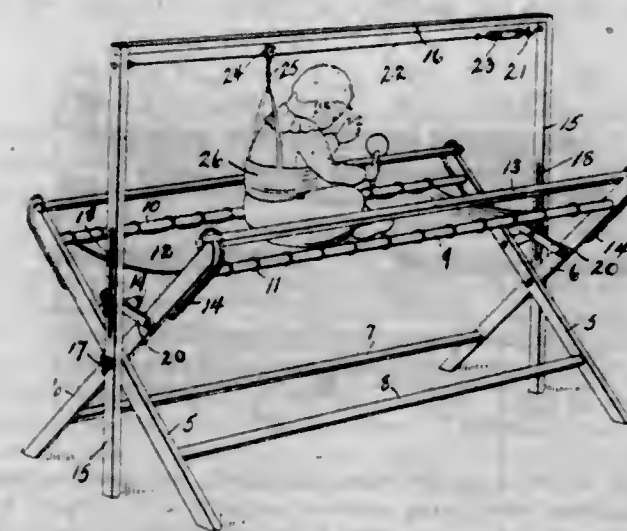
adapted to yieldingly engage a mine roof during forward feeding movement and to positively engage the mine roof during reverse movement to arrest said machine.

1,642,183. MINING DRILL. FRED W. THURSTON, New York, N. Y. Filed Apr. 23, 1925. Serial No. 25,401. 9 Claims. (Cl. 255—64.)



1. An impact mining drill composed of separable sections comprising a drill rod, a bit, and a coupling member provided with an internal screw thread of undulatory contour, said rod and bit having ends formed with external screw threads of similar contour adapted to engage within the screw thread of the coupling member.

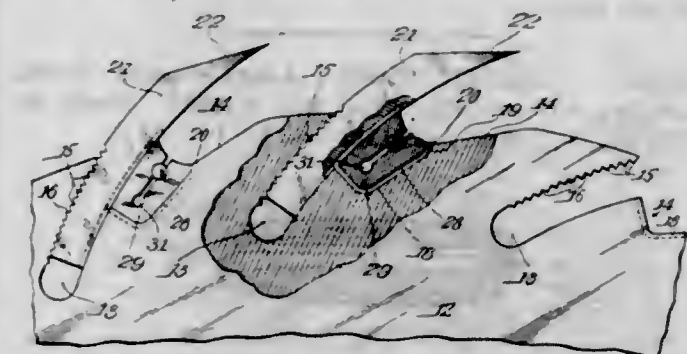
1,642,184. COMBINED CRIB AND BABY WALKING DEVICE. FRANK URSO, New York, N. Y. Filed Dec. 8, 1925. Serial No. 73,983. Renewed June 6, 1927. 3 Claims. (Cl. 155—23.)



1. A device of the class described comprising end supporting members, top and bottom brace bars connected to the end supporting members, a rail on the top of the supporting members, a flexible element connected to the top bars whereby the device may be converted into a crib, end posts and a top cross bar connected to the end supporting members and means including a safety belt movable between the end posts for supporting a child during the act of walking when the flexible element is not in use.

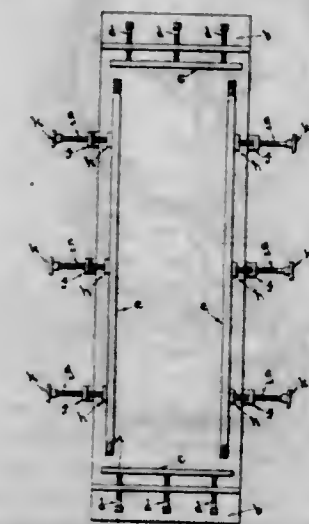
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1,642,185. SAW CONSTRUCTION. ANTON WESTGARD, Chicago, Ill. Filed Feb. 19, 1925. Serial No. 10,318. 6 Claims. (Cl. 143—150.)



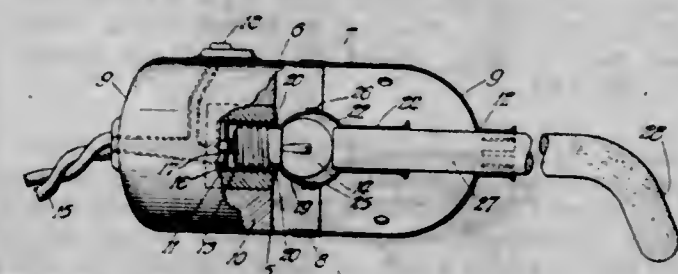
1. In a saw, a body provided with recesses to receive saw teeth and locking means therefor, the back of the body having pyramids cut therein to provide intersecting grooves and ribs extending across the body, and the tooth having oppositely inclined alternate grooves and ribs for interlocking engagement therewith.

1,642,186. STRAP FOR USE IN BENDING WOOD TO FORM PARTS OF CURVED SHAPE. THOMAS R. C. WILSON, Madison, Wis., assignor, by mesne assignments, to the People of the United States. Filed July 28, 1925. Serial No. 46,649. 7 Claims. (Cl. 144—266.) (Granted under the act of Mar. 3, 1883, 22 Stat. L., 625.)



1. A bending strap having end clamping plungers combined with movable pivoted end blocks by means of which the distance between end blocks can be adjusted to the length of the bending stock and by means of which practically uniform pressure over the entire area of the ends of the stock can be applied before bending and maintained throughout the bending operation.

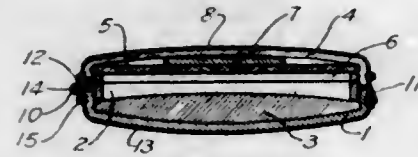
1,642,187. LIGHT PROJECTOR. FRANK G. YOUNG, JR., Chicago, Ill., assignor of one-fourth to Arthur C. Messner, Chicago, Ill. Filed Mar. 26, 1926. Serial No. 97,543. 5 Claims. (Cl. 128—22.)



1. A light projector for denture illumination including a handle consisting of a metallic two piece cupped casing removably secured together at the open ends, a light

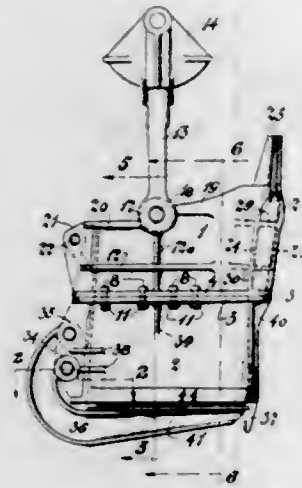
bulb carried in one of the cup portions, and a glass rod light projector supported with one end adjacent the end of the bulb and extending through and supported by the other cup portion.

1,642,188. COSMETIC CASE. JAMES LESLIE YOUNG-HUSBAND, Chicago, Ill. Filed Mar. 9, 1927. Serial No. 173,800. 7 Claims. (Cl. 132-83.)



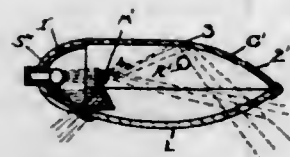
4. A cosmetic container comprising a pair of casing sections, metal straps engaged diametrically across the outer faces of said casing sections, a hinge for connecting said straps at one side of the container, latch means on said straps for connecting the same at the opposite side of the container, wire rings for holding said straps in place on said container sections, a cosmetic compact and a mirror engaged in said container, and ring members for holding said cosmetic compact and mirror in place.

1,642,189. DIPPER FOR EXCAVATING MACHINERY. WILLIAM M. BAGER, WERNER LEHMAN, and FREDERICK CARL RUHLOFF, South Milwaukee, Wis. Filed Sept. 2, 1925. Serial No. 54,025. Renewed Nov. 10, 1926. 13 Claims. (Cl. 214-145.)



1. An excavating dipper, the body portion of which is made up of two cast-metal parts, secured together to form a unitary body portion, said parts being joined, the joint cutting the back, the two sides and the front of the dipper, the upper one of said parts being provided with means for the attachment of the hoisting means and with means for the attachment of the handle braces and with means for holding the cutting means, and the lower one of said parts being provided with means for the attachment of the dipper-handle and with means for the attachment of the door hinges; whereby the bending moment due to hoisting takes place in one integral part of said dipper, and the shear due to hoisting is eliminated.

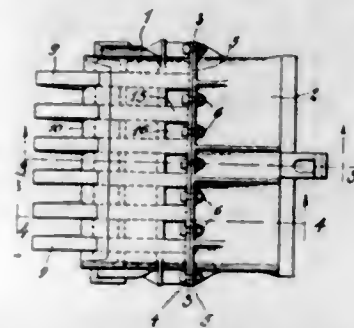
1,642,190. NONGLARE ROAD AND CAR ILLUMINATING HEADLIGHT. WILLIAM D. BAKER, Trona, Calif. Filed May 4, 1925. Serial No. 27,825. 4 Claims. (Cl. 240-41.)



1. A non-glare illuminating means comprising in combination an elongated casing, a light source in said casing, a reversely positioned mirror in said casing for re-

flecting rearwardly the rays of light from said light source and also for excluding the rays of light from said light source from the eyes of the casual observer, a lens positioned on the upper end of said mirror, and a set of reflectors in said casing for reflecting the rays of light from said light source in all directions except upwardly and rearwardly.

1,642,191. DIPPER-FRONT CONSTRUCTION. WILLIAM M. BAGER, WERNER LEHMAN, and FREDERICK CARL RUHLOFF, South Milwaukee, Wis. Original application filed Sept. 2, 1925. Serial No. 54,025. Divided and this application filed Aug. 7, 1926. Serial No. 127,852. 5 Claims. (Cl. 37-141.)

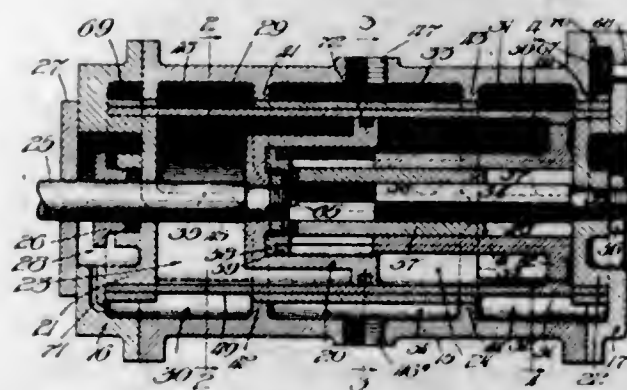


1. In a dipper or similar excavating unit, the combination of: digging teeth; spaced inner and outer walls between which the teeth fit; and webs substantially parallel to the smallest cross section of said teeth, said webs serving to space said walls apart, to hold said teeth against lateral movement, and to reinforce that part of the dipper formed by the two walls.

1,642,192. METHOD OF PROPAGATING YEASTS. ARNOLD K. BALLS, Philadelphia, Pa. Filed July 18, 1923. Serial No. 652,455. 7 Claims. (Cl. 195-20.)

1. The method of growing yeast which comprises adding a yeast stock of *Saccharomyces disjunctus* to a mash of crude West Indian cane molasses and allowing the yeast to propagate therein.

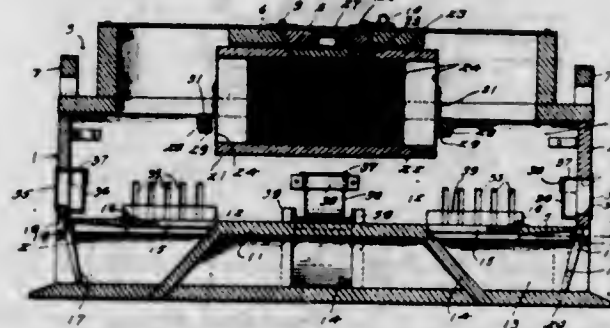
1,642,193. LOCOMOTIVE POWER-REVERSE GEAR. THOMAS A. BANNING, JR., Wilmette, Ill. Filed Aug. 5, 1925. Serial No. 48,369. 20 Claims. (Cl. 121-41.)



12. In a device of the class described, the combination of companion telescoping sleeves movable with respect to each other, a piston mounted for reciprocation back and forth within the innermost sleeve, companion ports in the end portions of the sleeves, passages for the delivery to and removal from selected areas of the outermost sleeve, of liquid under pressure and low pressure liquid respectively, said sleeves being effective to complement each other and seal the ports of the innermost sleeve when the sleeves are in registry, and being effective to establish communication of one face of the piston with pressure passages and the other face thereof with low pressure passages simultaneously, means under control of the operator for moving the outermost sleeve, and means effec-

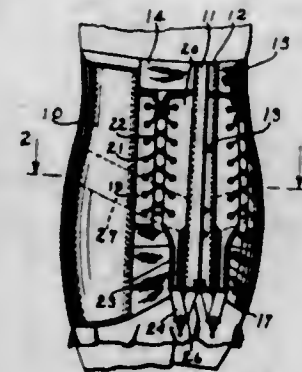
tive to move the innermost sleeve towards the port sealing position whenever the piston moves within said sleeve away from ports establishing communication with the liquid pressure supply passages, substantially as described.

1,642,194. RAT AND MINK TRAP. THOMAS H. BELL, Oakland, Calif. Filed Aug. 26, 1926. Serial No. 131,672. 3 Claims. (Cl. 43-66.)



1. A trap comprising a body provided with openings in its bottom, a base for supporting the body above the ground, entrance ways formed in the base and communicating at their inner ends with said openings, gravity actuated pivoted guards for said openings, and gravity actuated pivoted guards for the entrances of said passage-ways.

1,642,195. CORSET. WILLIAM R. BROCK, Shelton, Conn., assignor to M & P Corset Company, Derby, Conn. Filed Jan. 29, 1924. Serial No. 689,300. 4 Claims. (Cl. 2-37.)

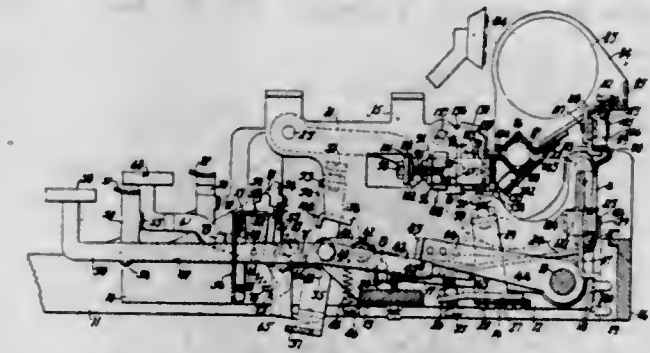


1. A corset comprising front steel sections, an elastic section connected to each of said front steel sections, a fabric body portion extending about the body of the wearer and connected to the opposite edges of said elastic sections, an inner strap at each side of the front steel sections and connected at one end to said section, said straps being inclined rearwardly and upwardly and connected at their other ends to the fabric body portion of the corset at the sides thereof, said straps lying beneath the elastic sections and between the upper and lower ends thereof, and adjusting flaps connected to the front steel sections and to the adjacent edges of the body portion of the garment and adapted to adjust the tension on the elastic sections and on said inner straps.

1,642,196. TYPEWRITING MACHINE. WILLIAM A. DONSON, Bridgeport, Conn., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed Dec. 5, 1922. Serial No. 605,006. 14 Claims. (Cl. 197-72.)

1. In a typewriting machine, a platen, a case-shaft frame for the platen, a key and lever for shifting the former, and means for locking the shift-lever with the frame in shifted position, including a lock-lever and a key therefor, pivoted to the case-shaft lever, an arm or dog

mounted on the pivot of the lock-lever, a stop engageable by the arm or dog, and a spring connecting the lock-lever directly to the arm or dog to cause the arm or dog to



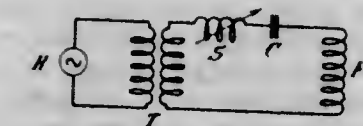
move, as a unit, with the lock-lever until the arm or dog strikes the stop and thereupon to yield to permit further movement of the lock-lever with the shift-lever.

1,642,197. CLAMP-ON ELECTRIC HEATER. PAUL L. FOWLER, Spokane, Wash., assignor to Arthur-Fowler Co., Spokane, Wash., a Corporation of Washington. Filed Nov. 10, 1925. Serial No. 68,205. 7 Claims. (Cl. 219-38.)



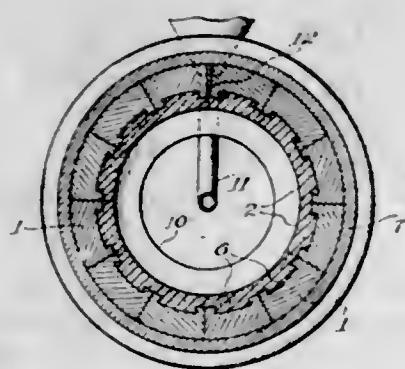
1. In a flexible clamp-on electric heater for range boilers, a band-like insulated heating element, a thin contact band adapted to be disposed against the inner face of said element and about the boiler and having a width and length in excess of that of said element, and a supporting band disposed along the outer face of said element and having means engaging the upper and lower margins of said contact band to hold the latter and said element in position, said means being disposed beyond the margins of said element and flexing the end and side margins of said thin contact band against said supporting band to envelope said element.

1,642,198. HIGH-FREQUENCY FURNACE CIRCUIT. FELIX GERTH and WILHELM FISCHER, Berlin-Tempelhof, Germany, assignors to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Filed Feb. 13, 1926. Serial No. 88,015, and in Germany Feb. 18, 1927. 11 Claims. (Cl. 204-64.)



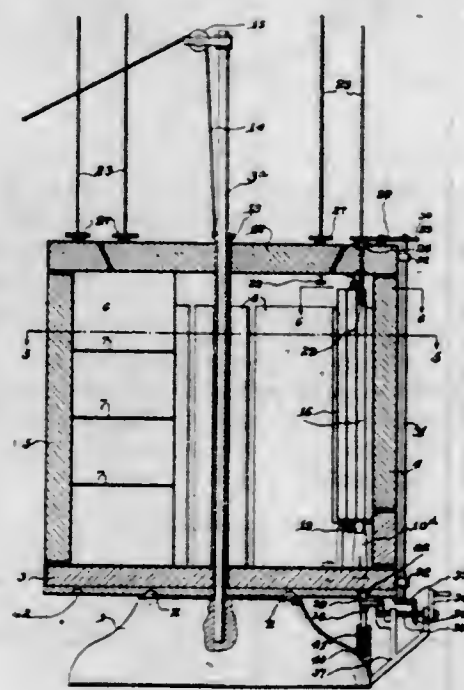
1. In current supplying means for high frequency melting furnaces, a high frequency alternator machine, a load impedance, a circuit including said impedance, said circuit having a natural frequency substantially resonant with the machine frequency, tuning means in said circuit in series with the load impedance, and tuning means in said circuit in parallel with the load impedance and variably connected with the terminals of the alternator machine.

1,642,199. METHOD OF MAKING INKING PADS. PAUL A. GOLLNICK and JOHN JOSEPH TOOLAN, Chicago, Ill., assignors to Spiegel, May, Stern Company, Chicago, Ill., a Corporation of Illinois. Filed Jan. 24, 1927. Serial No. 163,171. 9 Claims. (Cl. 18—58.)



1. The method of making inking pads which consists in arranging a plurality of independent base segments to form a shell, applying a facing material to the shell, and then dividing said facing material along adjacent edges of said base segments.

1,642,200. DISPENSING APPARATUS. CHARLES G. HALL, Boise, Idaho, assignor to Novelty Food Corporation, Boise, Idaho, a Corporation of Idaho. Filed Jan. 14, 1925. Serial No. 2,308. 9 Claims. (Cl. 107—14.)

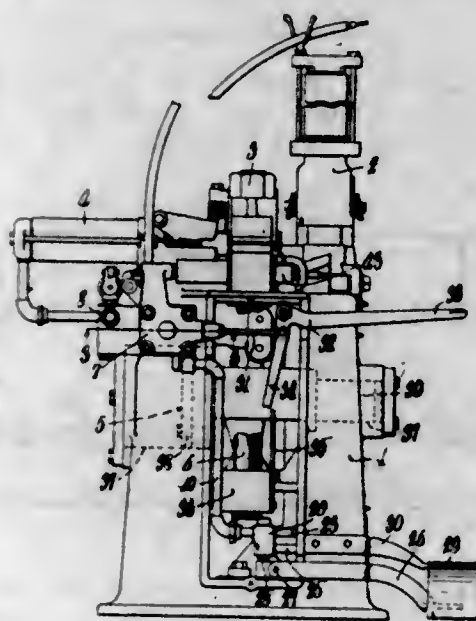


6. A dispensing apparatus including a rotatable shaft, a cluster of tubes mounted on and rotatable with said shaft, a single plunger adapted to work in each of said tubes for ejecting material from the same, and means actuated by the plunger for rotating the shaft and the cluster of tubes.

1,642,201. FORGING MACHINE. FRANK A. HALLECK, Michigan City, Ind., assignor to Sullivan Machinery Company, a Corporation of Massachusetts. Original application filed July 30, 1920, Serial No. 400,121. Divided and this application filed Sept. 9, 1924. Serial No. 736,794. 17 Claims. (Cl. 76—5.)

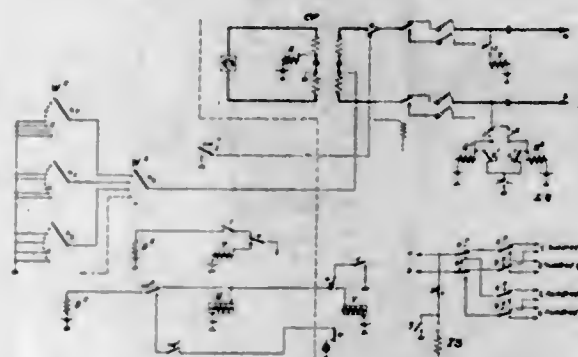
1. In a forging machine having a plurality of mechanisms, means for sequentially controlling said mechanisms

to effect operation thereof in a fixed predetermined order including an actuating lever and means for controlling movement thereof directly engaging the same, said con-



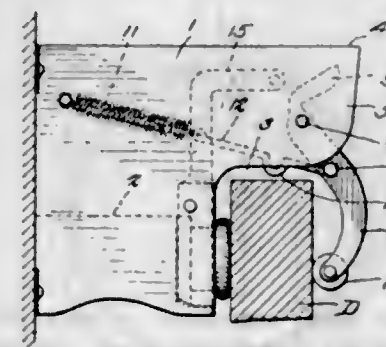
trolling means being movable with respect to the lever and being engageable thereby only in some of their relative positions.

1,642,202. METHOD OF SENDING IMPULSES FOR AUTOMATIC TELEPHONE EXCHANGES. KARL HERSEN, Berlin-Wilhelmshaven, and WULF HIRSCHBERG, Berlin-Treptow, Germany, assignors to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Filed Feb. 4, 1925. Serial No. 6,735, and in Germany Sept. 30, 1924. 3 Claims. (Cl. 179—18.)



1. In a telephone exchange system, subscribers' lines, subscribers' sets with dials, automatic switches for establishing connections between said lines, multi-position group selector switches, multiple terminal banks for said switches upon a larger base than the decimal one, each bank of terminals being sub-divided in two groups, a relay for each multi-position switch to operate the one or the other of the said two groups, multi-position connector switches, multiple terminal banks for the connector switches each sub-divided into four groups, a pair of relays for each connector switch for governing the terminal bank thereof, a progressively operating switch with brushes, one for each group selector and two for each connector, a combination of insulated and earthed contacts upon which the brushes are positioned when the first digit is dialed, means to selectively operate the said relays on the impulses from the second to the last digit of the dial, means to adjust the multi-position switches directly by the dialing impulses, and means for variably controlling said multi-position switches for governing one or another of said connector switch bank groups under the control of the relays dependent upon the first progressively operating switch being positioned for connection with insulated or earthed contacts of said combination of insulated and earthed contacts.

1,642,203. DOOR CHECK AND HOLDER. MATTHIAS D. HILFINGER, Coral Gables, Fla. Filed Apr. 4, 1927. Serial No. 180,901. 2 Claims. (Cl. 292—128.)



1. A combined door check and holder including a casing, a movably supported resilient cushion carried thereby, a roller mounted for swinging movement, a spring for holding said roller in either of two extreme positions, and means actuated by the movement of the cushion when subjected to the pressure of a door, for shifting the roller for actuation by the spring to grip the door between the roller and the cushion.

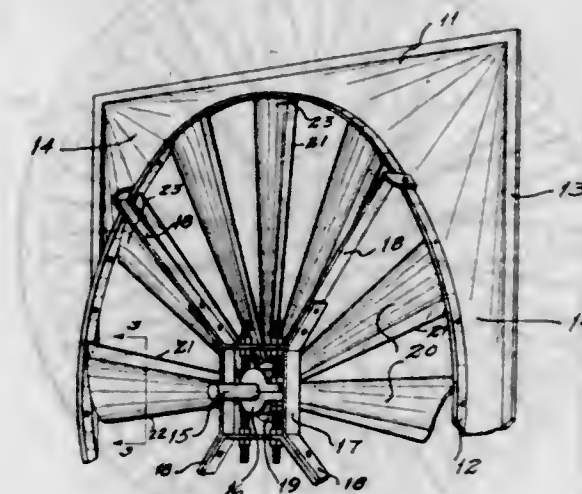
1,642,204. HEAT-INSULATING TAPE. CHESTER L. HILL, Chicago, Ill., assignor to Union Asbestos & Rubber Company, Chicago, Ill., a Corporation of Illinois. Filed Sept. 11, 1926. Serial No. 134,772. 13 Claims. (Cl. 154—28.)



1. A heat insulating tape adapted to be tightly spiralled around a pipe comprising a flexible sheath consisting of a flattened tube of heat insulating textile fabric having flat exterior edges, a pliable heat insulating filler within said sheath, said sheath having an inwardly projecting portion located at the edge of said flattened tube to provide a wall substantially thicker at said edge.

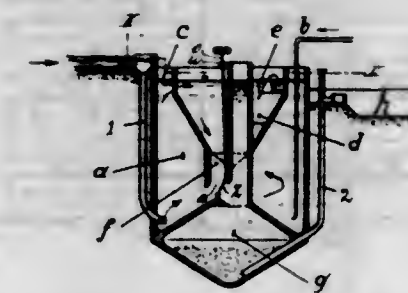
2. A heat insulating tape adapted to be tightly spiralled around a pipe comprising a flexible sheath consisting of a flattened tube of heat insulating textile fabric having flat exterior edges, a pliable heat insulating filler within said sheath, said sheath having an inwardly projecting portion located at the edge of said flattened tube of substantially the same thickness as said filler when spiralled upon said pipe.

1,642,205. FAN. J. CLAUDE HOSCH, Los Angeles, Calif. Filed Jan. 15, 1927. Serial No. 161,375. 4 Claims. (Cl. 230—133.)



1. In a fan, a casing having a round inlet aperture and an outlet aperture that has an area materially greater than the inlet aperture, and a fan rotatable in the casing and having blades with a backwardly curved tip.

1,642,206. APPARATUS FOR SEWAGE TREATMENT BY ACTIVATED SLUDGE IN COMBINATION WITH SLUDGE DIGESTION. KARL IMHOFF, Essen, Germany. Filed Aug. 25, 1924. Serial No. 734,012. 1 Claim. (Cl. 210—8.)

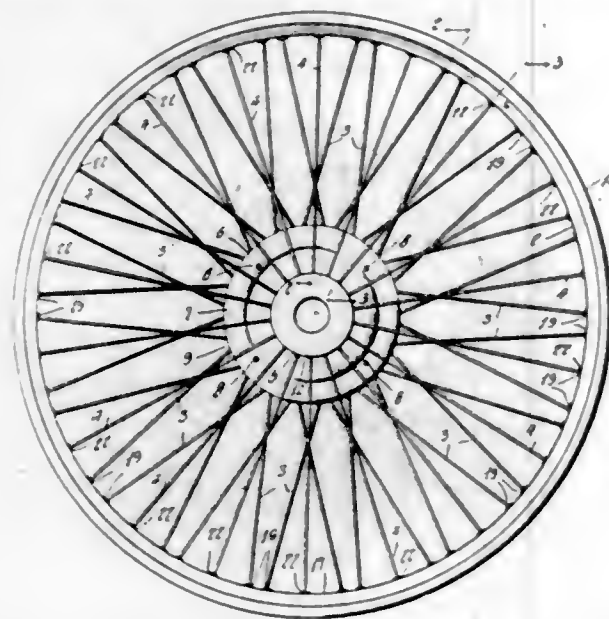


Apparatus for sewage treatment by activated sludge in combination with sludge digestion, comprising an aeration tank designed to permit a circulatory motion of the sewage therein, a settling basin within said aeration tank, a sludge digestion chamber located underneath said settling basin, a passage-way in the bottom of said settling basin establishing communication with the aeration tank and the digestion chamber, and means adapted to direct sludge from the settling basin into the aeration tank or into the digestion chamber.

1,642,207. WIRE WHEEL. JAMES M. JONES, Hamilton, Ohio, assignor of twelve and one-half per cent to Christ Buettner and twenty-five per cent to Ralph A. Kennedy, Hamilton, Ohio. Filed Nov. 12, 1926. Serial No. 148,002. 7 Claims. (Cl. 301—59.)

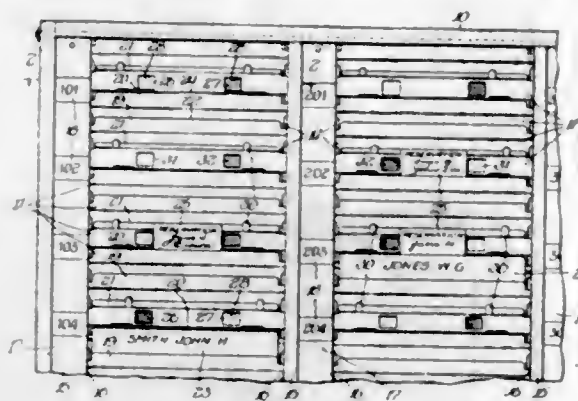
1. A metal wheel comprising a hub provided with enlarged inner and outer ends, the inner hub end being larger than the outer end thereof, a rim, spokes extending from the inner end of the hub to the rim and being arranged in pairs and the spokes of each pair arranged in

crossed relation, and spokes connected to the outer hub end and rim, there being one of the outer spokes for



each pair of inner spokes and each outer spoke being arranged in a plane intersecting the point of crossing of each pair of inner spokes.

1,642,208. HOTEL-ROOM-RECORD RACK. PLYN N. JOSLIN, De Kalb, Ill. Filed Sept. 10, 1923. Serial No. 661,881. 4 Claims. (Cl. 129-16.)

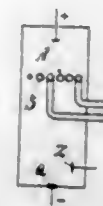


1. In a record rack, an upwardly opening pocket for the reception of the lower portion of a card, and a changeable indicating device associated with the rack for the optional display of a symbol at a point so located with respect to the pocket and the size of card used as to be adjacent the exposed upper portion of a card when in the pocket, said indicating device including a member having an aperture therein, a slide carried by the member at the rear thereof and having a portion visible through the aperture, and means accessible from in front of the member for shifting the slide relative to the aperture.

1,642,209. PROCESS FOR THE MANUFACTURE OF NITROGEN-CONTAINING PRODUCTS. MAURICE KAHN, Paris, France, assignor to Société Française des Produits Alimentaires Azotes, Paris, France. Filed Mar. 26, 1925, Serial No. 18,604, and in France Apr. 1, 1924. 6 Claims. (Cl. 99-11.)

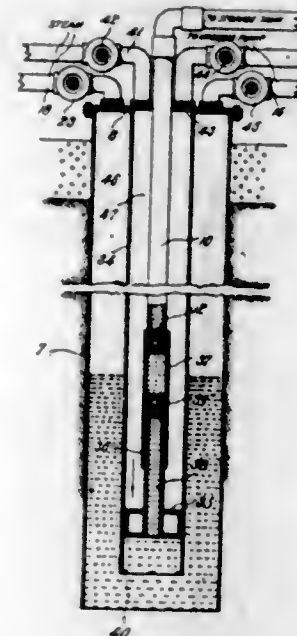
1. A process for the manufacture of nitrogen containing products by means of autodigestion of fish which consists in bringing and maintaining fish during one to five days at a temperature comprised between 37° C. and 55° C. in presence of an amount of sodium chloride not exceeding 10%.

1,642,210. VACUUM TUBE. HERMANN HEINRICH KÖNIGMANN, Munster, Germany. Filed Sept. 4, 1923. Serial No. 660,814, and in Germany Sept. 8, 1922. 7 Claims (Cl. 179-171.)



3. A vacuum tube comprising a pair of electrodes, means for striking a mercury vapor arc between said electrodes, means for maintaining a current of hot air in the path of said arc and an oscillation circuit for periodically interrupting the current forming said arc.

1,642,211. DEEP-WELL PUMP. JESSE D. LANGDON, Los Angeles, Calif., assignor to Petroleum Machinery Development Corporation, Reno, Nev. Original application filed Aug. 4, 1926, Serial No. 127,099. Divided and this application filed Mar. 31, 1927. Serial No. 179,908. 4 Claims. (Cl. 103-5.)

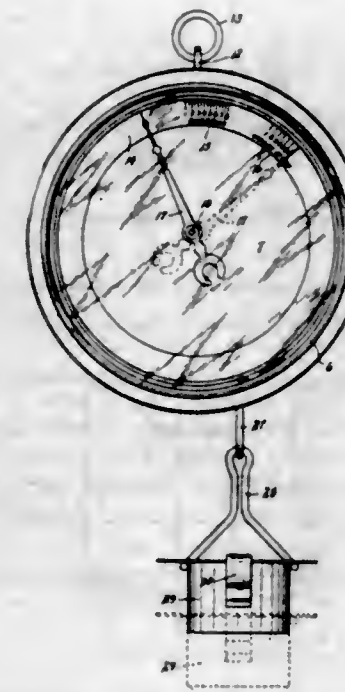


1. A deep well pump comprising a well casing, a liquid outlet pipe and a second pipe extending downwardly in the casing with a space between said second pipe and well casing; means for preventing downward flow of liquid in said outlet pipe, means for admitting pressure fluid into and withdrawing it from the second pipe and said space, and pumping means associated with said pipes and operable by alternating pressures in said second pipe and space and having a check valved passage communicating with said outlet pipe to force the liquid upwardly in said outlet pipe.

1,642,212. OVERRUN TESTER. WILLIAM J. McLAUGHLIN, Owatonna, Minn. Filed June 9, 1924. Serial No. 718,704. 6 Claims. (Cl. 265-61.)

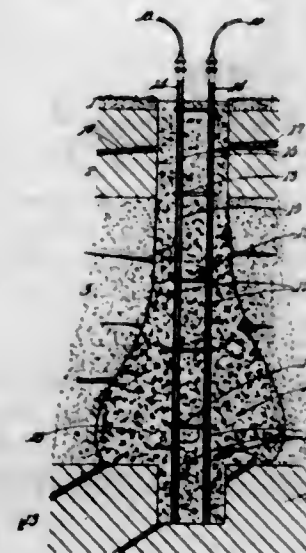
1. An overrun tester adapted to be used for frozen mixtures, comprising a casing, means carried thereby having two circumferentially spaced sets of circumferentially spaced graduations thereon, a swinging pointer co-operating successively with said graduations, a receptacle of fixed volume adapted to receive the material to be tested and means in said casing carrying said receptacle

and operated thereby, said means being connected to said pointer so as to move the same, whereby said pointer co-operates with one set of the graduations when the said



receptacle is filled with liquid material and co-operates with the other set of graduations when said receptacle is filled with material frozen from said liquid.

1,642,213. CONSTRUCTION OF CONCRETE PILES OR FOUNDATION ELEMENTS. ABRAM RUPERT NEELANDS and GEORGES DAMEY, Doncaster, England. Filed Apr. 21, 1925, Serial No. 24,741, and in Great Britain Sept. 25, 1924. 8 Claims. (Cl. 61-57.)

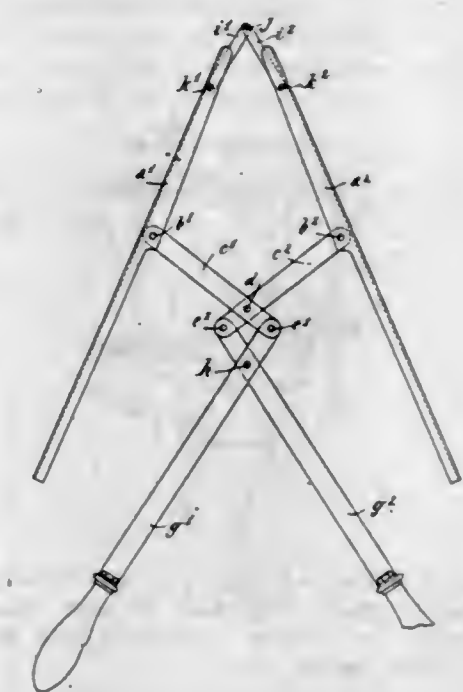


1. A method of constructing concrete piles which consists in forming a bore hole, fitting it with a temporary lining tube, locating perforated tubes in the bore hole, ramming ballasting into the ground and around the perforated tubes, raising the lining tube, and finally injecting liquid cement under pressure through the perforated tubes into the mass of ballasting previously rammed in place in the ground.

1,642,214. SPREADING AND STRETCHING DEVICE FOR THE TREATMENT OF FUR SKINS. RENÉ PACQUET, Paris, France. Filed Feb. 27, 1925, Serial No. 12,111, and in France Mar. 3, 1924. 2 Claims. (Cl. 140-21.)

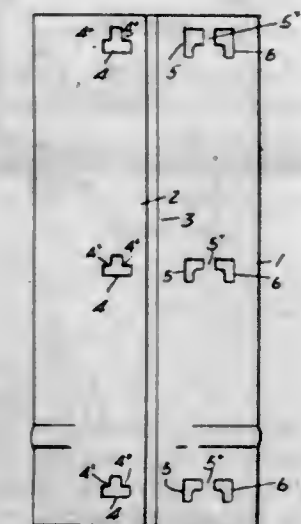
2. A spreading and stretching device for fur skins, comprising two rods, links pivoted at one end to approxi-

mately the middle of the said rods and also pivoted together at a point adjacent the other ends thereof, handles



pivoted to the ends of the said links and pivoted together at a point adjacent their ends in such manner as to constitute a symmetrical arrangement.

1,642,215. SPLIT STOVEPIPE. AMABLE OLIVER PATENAUD, Toronto, Ontario, Canada, assignor of one-half to Orville Benjamin Shortley, Toronto, Ontario, Canada. Filed May 5, 1927. Serial No. 189,015. 1 Claim. (Cl. 126-309.)

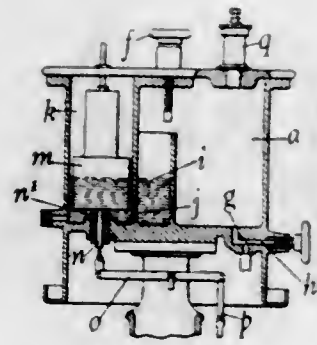


A split stove pipe section having inverted T-slots adjacent one split edge of the section, a pair of opposing inverted L-shaped slots adjacent the other edge of the section to form an intervening strip portion, and tongues forming enlargements of such strip portion adapted to pass through the horizontal slot of the opposing T-slot when superimposed thereover to pass over the tongue portions formed by the intersecting vertical and horizontal arm portions of the T.

1,642,216. PRESSURE REGULATOR. HENRY PILLING, Chorlton, Manchester, England. Filed Sept. 20, 1926, Serial No. 136,650, and in Great Britain Sept. 24, 1925. 2 Claims. (Cl. 50-11.)

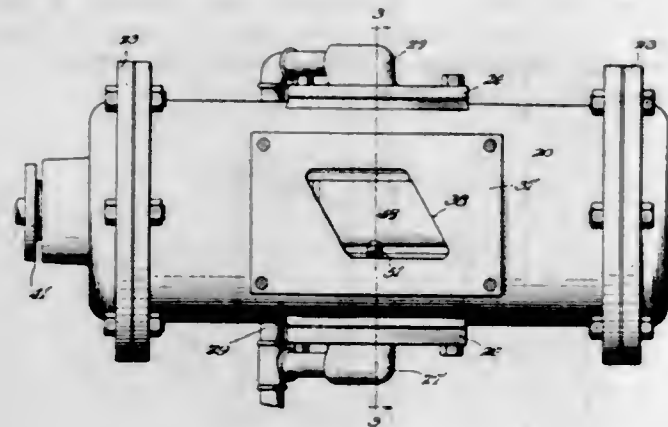
1. In a fluid pressure regulator, the combination with a vessel open to atmospheric pressure through a restricted

connection, and having a valve controlled communication with the system in which a low pressure is to be maintained, and with a chamber open to the atmosphere into



which a liquid is displaced from the said vessel when the pressure therein rises, of a float in said chamber connected to means for varying the rate of fluid flow to and from said system, as set forth.

1,642,217. ENGINE. HENRY R. SHOOPMAN and SABURO SHINDO, Grand Island, Nebr. Filed May 27, 1923. Serial No. 33,229. 5 Claims. (Cl. 121-123.)

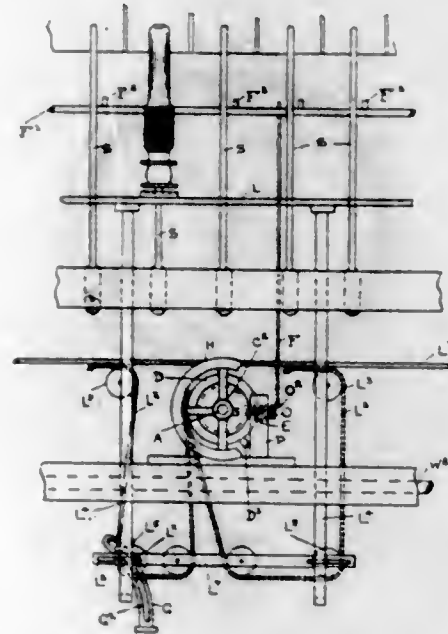


1. An engine including a cylinder, a piston reciprocable therein, an oscillatory valve carried by the piston between the ends thereof and independently movable thereon for controlling the admission and release of a motive fluid through the ends of the piston to and from the cylinder at opposite ends of the piston, a cam plate on the cylinder having a cam slot, a cover plate overlying the cam plate, removable means common to both plates for securing said plates to the cylinder, and a radial arm carried by the valve between the ends thereof and having its free end playing in said cam slot to coact with the walls thereof for oscillating the valve.

1,642,218. TWISTING MACHINERY. CHARLES SMITH and FRED YORKE, Bradford, England. Filed Feb. 4, 1927. Serial No. 165,821, and in Great Britain Feb. 18, 1926. 4 Claims. (Cl. 118-5.)

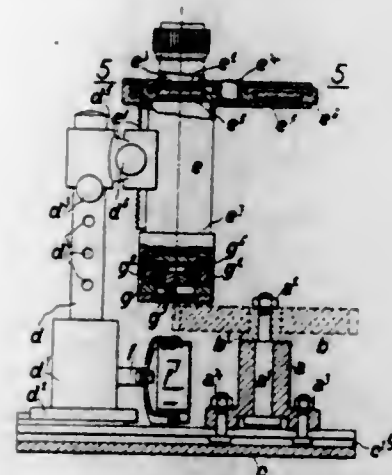
1. Building motion means for twisting and like machines, wherein the spindles are divided into groups, each group with its own lifter rail, comprising in combination a common lifter operating rail connected by chains or the like to a slowly revolving drum for each

group, said revolving drum being operated by a continuously revolving shaft, and interposed clutch mechanism which is freed on the filling of the bobbins or the like



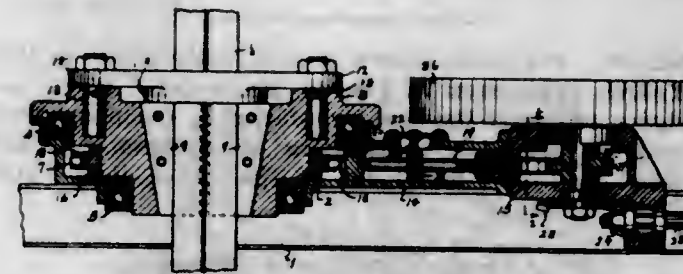
through the medium of an adjustable stop on the drum, which contacts with a guard lever and frees same from contact with a member adapted to hold the clutch in gear.

1,642,219. APPARATUS FOR TESTING TOOTHED WHEELS. ADOLF STEINLE and OTTO EPPENSTEIN, Jena, Germany, assignor to the Firm of Carl Zeiss, Jena, Germany. Filed Jan. 4, 1924, Serial No. 684,365, and in Germany Jan. 4, 1923. 4 Claims. (Cl. 88-14.)



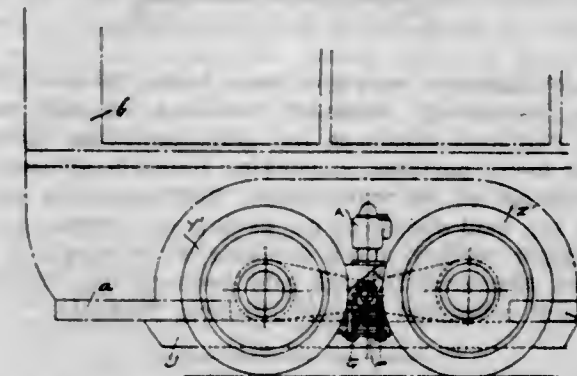
1. In an apparatus for testing the accuracy of toothed wheels a base plate, a microscope fitted on this base plate, the objective of which microscope including two parts displaceable relatively to each other for producing two images, overlapping each other in the image field of the microscope, of adjacent flanks, i. e. of both flanks of one tooth or of two adjacent flanks of adjacent teeth, the microscope furthermore including a transparent disc, fixed in the focal plane of the eyepiece of the microscope, and having a rectilinear mark visible together with the said two images and a transparent carrier rotatable about an axis parallel to the axis of the microscope to which axis of rotation said rectilinear mark is normal, said carrier being inscribed with a spiral mark, the carrier being adapted by its revolution to bring the parts of the spiral mark successively into the path of the rays traversing the microscope.

1,642,220. ROTARY. HOMER C. THRIFT, Burkburnett, Tex. Filed Feb. 5, 1923. Serial No. 616,939. 5 Claims. (Cl. 255-23.)



1. In combination a rotary table adapted to engage and drive a vertical pipe, a power transmitting means including a power shaft, a vertical shaft operatively connected with and driven by said power shaft, an adjustable bearing member in which the vertical shaft has a bearing, a fly wheel fixed to said vertical shaft and which rotates in a horizontal plane, and a driving member operatively connected with the vertical shaft and rotary table and adapted to transmit rotation from the vertical shaft to said pipe, through said table, a fixed housing enclosing said driving member and means for adjusting said bearing relative to said housing.

1,642,221. MOTOR VEHICLE. WILLIAM YOUNG, Carlisle, Scotland. Filed Feb. 16, 1927. Serial No. 168,717, and in Great Britain Jan. 23, 1926. 1 Claim. (Cl. 180-22.)



In a motor vehicle having a pair of rear driving axes, a detachable bogie comprising longitudinal members carrying the road springs which in turn carry the axes above the members, the longitudinal members being connected by cross members which carry the power and transmission units.

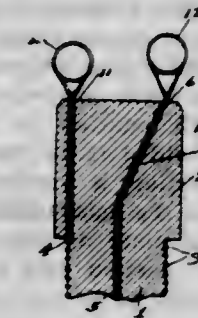
1,642,222. TEAPOT AND LIKE VESSEL FOR MAKING BEVERAGES BY INFUSION. FRANK ERNEST BARKER, Birmingham, England. Filed Nov. 30, 1926. Serial No. 751,793, and in Great Britain May 21, 1926. 3 Claims. (Cl. 53-3.)



1. A vessel for making a beverage by infusion, comprising a hollow body, a spout leading out of the body, a slot in the upper surface of the body at the junction

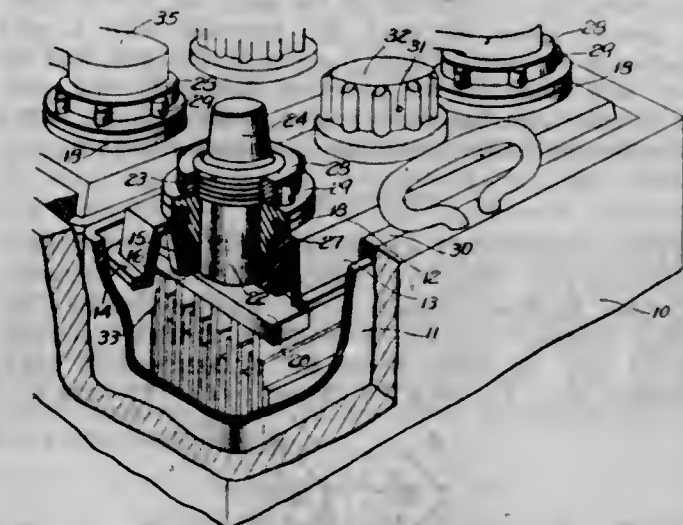
thereof with the spout, and a perforated strainer plate insertable in and free to be removed from the exterior through said slot and freely suspended above a transverse axis on a roller hinge at its upper end, the strainer being arranged to hang clear of the inner end of the spout opening when the vessel is horizontal, but to swing against the opening when the vessel is inclined.

1,642,223. HEATING ELEMENT AND METHOD OF MAKING THE SAME. VIRUS A. BOKER, Minneapolis, Minn. Filed Aug. 18, 1924. Serial No. 732,728. 6 Claims. (Cl. 201-63.)



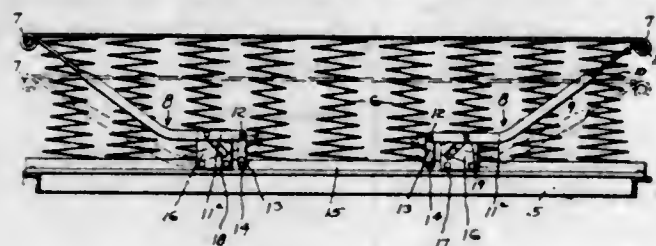
4. In a heating element, the combination with a core which is reduced intermediate its two ends and threaded over said reduced portion, one end of the core having a lateral aperture opening to the nearer end of the threaded portion, and said core having a long aperture extending substantially throughout its length to connect the said end of the core with the farther end of the threaded portion, a resistor wound upon said threaded portion and having its ends extending through the respective apertures and paired, as terminals, beyond said end of the core, the extreme end portions of the resistor being twisted back upon themselves to reinforce the terminals formed thereby, said twisted portions of the resistor being contained within said apertures.

1,642,224. BATTERY BINDING POST. LESLIE G. BOWEN, Bedford, Iowa, assignor to Bowen & Phelps Battery Co., Bedford, Iowa, a Corporation of Iowa. Filed Apr. 9, 1926. Serial No. 100,907. 3 Claims. (Cl. 136-168.)



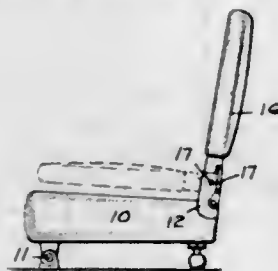
1. The combination with a battery, having an insulating cover provided with a terminal receiving recess, of a terminal having a base portion engaging the under side of said cover, a stem portion projecting from said base through said recess, a washer on said stem engaging said cover and having a portion projecting into said recess having keying means thereon, sealing material in said recess and around the portion of said washer extending into said recess, and means engaging said stem to clamp said washer in said recess, and said base portion against the under side of said cover.

1,642,225. **SPRING BOTTOM.** JEFFERSON F. BROWN, Memphis, Tenn., assignor to U. S. Bedding Company, Memphis, Tenn., a Corporation of Georgia. Filed June 15, 1925. Serial No. 37,379. 2 Claims. (Cl. 5-262.)



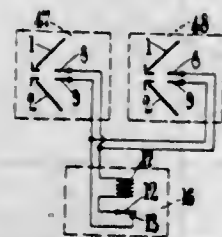
1. The combination with a spring bottom comprising a lower frame and an upper border frame and springs connected therewith, of a guide arm pivotally connected with the border frame and inclined downwardly therefrom and projecting inwardly with relation to the border frame, said guide arm being provided at its inner end with a substantially horizontal portion, a vertically swinging link pivotally connected with the substantially horizontal portion, a stationary guide plate arranged adjacent to the substantially horizontal portion and having an inclined slot projecting downwardly in an inwardly direction, and an element carried by said substantially horizontal portion and slidable within the inclined slot.

1,642,226. **HINGE FOR AUTOMOBILE SEATS.** FRANK L. BUCKNER, Hanford, Calif. Filed Dec. 14, 1926. Serial No. 154,744. 4 Claims. (Cl. 16-191.)



4. A hinge for the back element of an automobile seat, comprising a substantially vertical post, a bar pivotally connected with the upper end of the post and adapted to assume a substantially straight angle with relation thereto while projecting above the same, said bar having a shoulder arranged above the top of the post, and a lock member pivoted upon the post and provided with a part adapted to be shifted over the top of the post and beneath said shoulder, for co-action therewith, said post, lock member and bar when in the locked relation, being generally parallel for providing a compact structure.

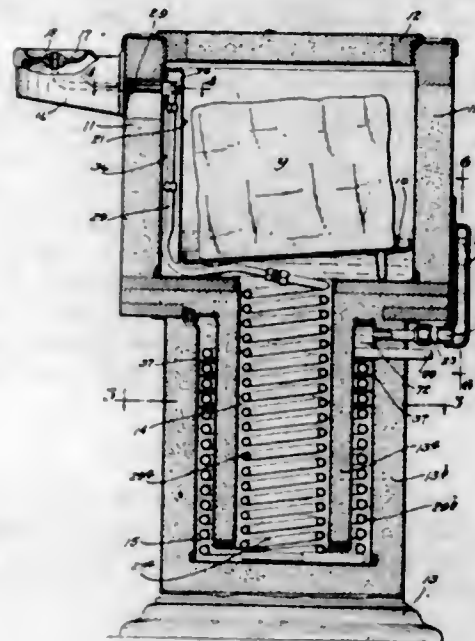
1,642,227. **BLOW-OUT ARRANGEMENT FOR ELECTRIC SWITCHES.** FRANCIS DONALD HOLDEN BREMNER, London, England, assignor to The English Electric Company Limited, London, England, a British Company. Filed Aug. 19, 1925. Serial No. 51,202, and in Great Britain Sept. 12, 1924. 9 Claims. (Cl. 175-294.)



1. A blow out device comprising a main circuit breaking device, an auxiliary switch separate from the said main circuit breaking device, conducting means for carrying arc current between the main circuit breaking device and the auxiliary switch, said means being adapted to be brought into circuit by an arc at the main circuit breaking device which is initiated by the normal functioning of

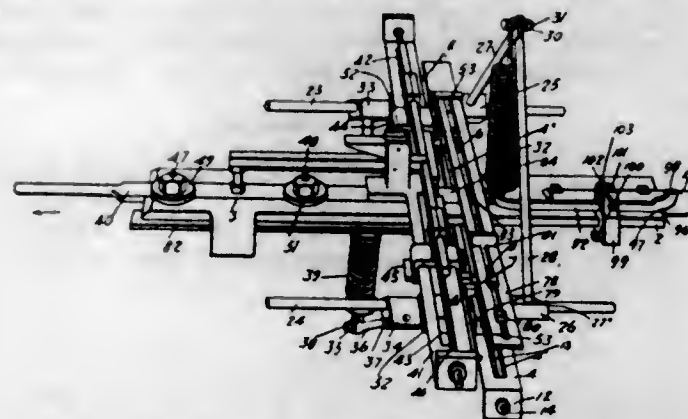
said device when commencing to open the circuit, and means associated with the auxiliary switch for stopping the flow of arc current therethrough.

1,642,228. **COOLING DEVICE FOR DRINKING FOUNTAINS.** CLARENCE W. CARTER, Minneapolis, Minn., assignor to Carter-Mayhew Manufacturing Company, Minneapolis, Minn., a Corporation of Minnesota. Filed Mar. 22, 1926. Serial No. 96,370. 13 Claims. (Cl. 62-147.)



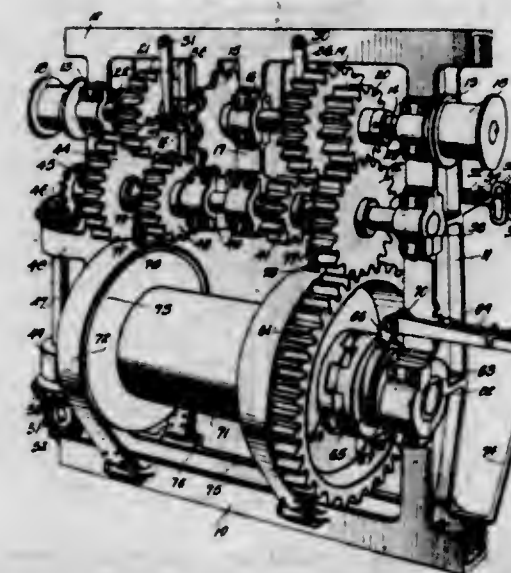
1. A refrigerator having a waste water chamber formed with a downwardly extended receiving leg and an upwardly extended discharge leg, said legs being connected at their lower portions, a drinking fountain arranged for the discharge of the waste water therefrom into said receiving leg, said discharge leg having an overflow passage at its upper portion, and a drinking water supply conduit extended downward through said discharge leg, thence upward, and connected to said drinking fountain.

1,642,229. **COIL-FORMING MACHINE.** LOENE A. COLE, Brantford, Ontario, Canada. Filed Apr. 30, 1926. Serial No. 105,857. 10 Claims. (Cl. 140-92.2.)



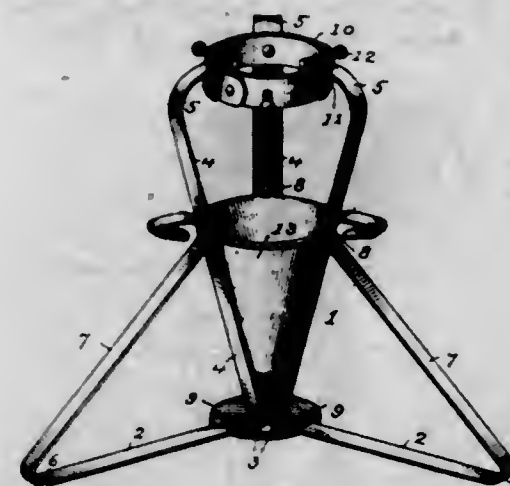
1. In a coil forming machine, the combination with the main support, a stationary member carried by the main support, gripping means carried by such stationary member adapted to grip one side of a wound loop, a movable mechanism slidably carried by the support, a slide bar slidably carried by the support to move in a direction at right angles to the stationary member and by which the movable member is carried, and gripping means carried by the movable member adapted to grip the other side of the coil, of a stop link pivotally connected to the movable mechanism, a coacting stop carried by the support adjacent the stationary member, a stop link pivotally mounted at one end to move with the movable member, and a stop coacting with the free end of the stop link when the movable member is moved to the limit of its movement.

1,642,230. **DRAW WORKS.** MARVIN B. DAVIS, Kansas City, Mo., assignor to George Krell, Sapulpa, Okla. Filed Apr. 30, 1926. Serial No. 105,739. 7 Claims. (Cl. 255-19.)



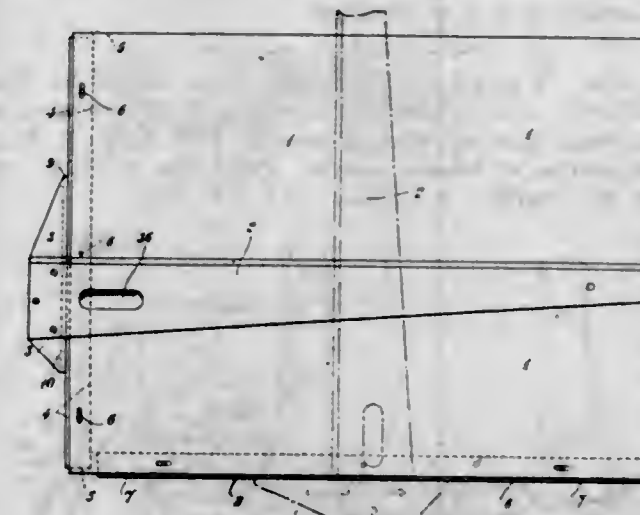
1. In well drilling apparatus, draw works comprising a drive shaft having a drive wheel thereon for rotating the same, means for driving a rotary table, means for driving a winding drum and a change speed mechanism interposed between said drive shaft and said driving means, comprising a countershaft, and paired gears on said drive shaft and countershaft, the paired gears on one of said shafts being slidably mounted to move the same into and out of engagement selectively with either of the gears of a pair on the other shaft.

1,642,231. **FOLDING BASE OR SUPPORT.** SAMUEL M. DOVER, Chicago, Ill., assignor of one-half to Frank J. Roesler, Chicago, Ill. Filed Jan. 28, 1926. Serial No. 84,317. 1 Claim. (Cl. 248-38.)



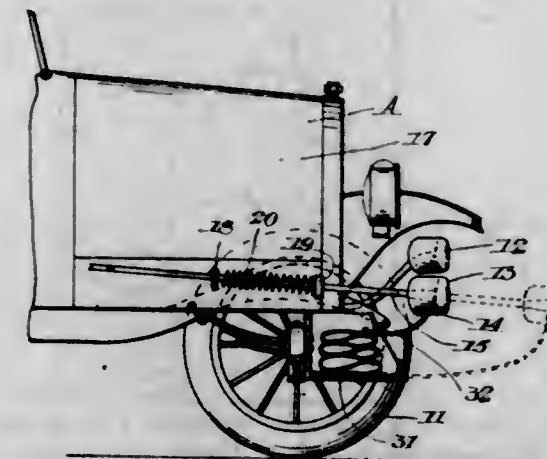
In a folding base, the combination of a plurality of legs, each leg comprising a strip of metal bent upon itself to form a lower straight portion, an inclined upright portion and an inclined brace portion extending from the outer end of the lower portion to the mid-height of the upright portion and secured thereto by a headed rivet, a removable vessel of a conical form arranged in a space between the aforesaid inclined upright portions and having bearing contact along its length upon said inclined portions, the heads of the aforesaid rivets having engagement over the rim of said vessel to hold the same in place, and a ring member having detachable engagement with the upper ends of said upright portions.

1,642,232. **MAGNETIC T-SQUARE.** LINDSAY ERNEST EDWARDS, Tunbridge Wells, England. Filed Nov. 18, 1924. Serial No. 750,682, and in Great Britain Dec. 1, 1923. 3 Claims. (Cl. 33-76.)



1. In a T-square, a head, and a permanent bar magnet secured thereto having consequent poles along one face thereof, said face forming the surface of said head adapted for engagement with the edge of a drawing board, the said edge being of magnetizable material.

1,642,233. **AUTOMOBILE FENDER.** GEORGE GUNN ELLIOTT, Ste. Anne de Bellevue, Quebec, Canada. Filed Dec. 9, 1926. Serial No. 153,710. 3 Claims. (Cl. 293-26.)



1. A fender and pick up for automobiles and the like comprising a fender bar, spring-actuated supporting rods for said bar, and recesses formed on the inner ends of said rods adapted to engage with bell-crank connecting cross-bars to retain the fender in collapsed position, spring-actuated lever means connected to said bell-cranks, and means for operating the lever from the driver's seat whereby the cross-bars are released from engagement with said supporting rods, coil spring wound on said rods to automatically move the rods outwardly when released, bag receiving means carried by the fender adapted to open on the fender being protruded.

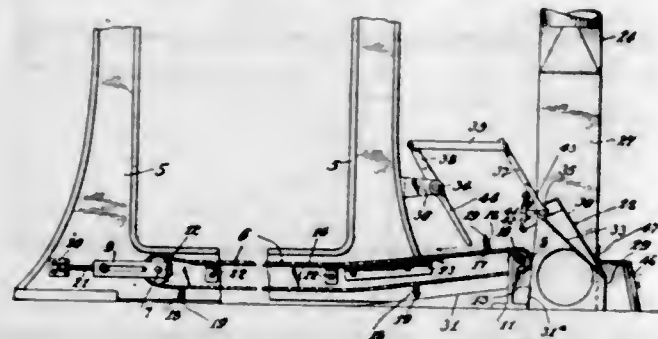
1,642,234. **STATION-INDICATING DEVICE.** WILLIAM B. FEELEY and WILLIAM DANMAR, Jamaica, N. Y. Filed Dec. 10, 1925. Serial No. 74,449. 4 Claims. (Cl. 40-53.)



1. In a station indicator, a pair of display cylinders, gears connecting said cylinders to rotate the same in opposite directions, means for driving said gears, electrically

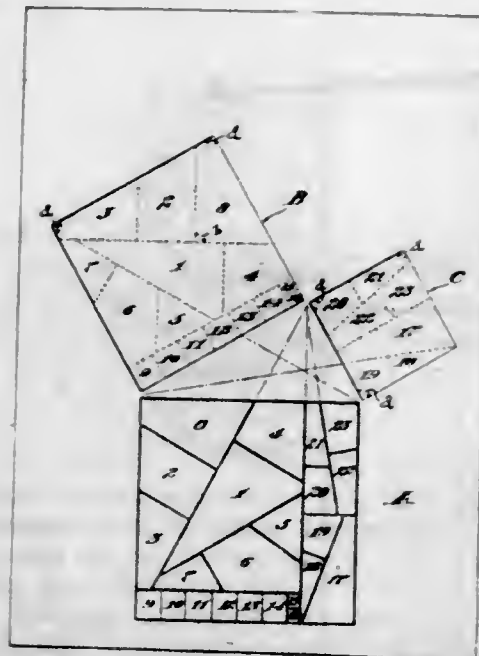
operated means for stopping rotation of said cylinders, a charactered curtain connected to both cylinders passing tangentially from one cylinder at the top and being fed tangentially to the opposite cylinder at the bottom, and resilient means intermediate said cylinder for retaining said curtain in a taut condition.

1,642,235. WASTE COLLECTOR FOR CARDING MACHINES. JOHN FLIEDNER, Flushing, N. Y., assignor to American Manufacturing Company, New York, N. Y., a Corporation of Massachusetts. Filed Jan. 2, 1926. Serial No. 78,752. 6 Claims. (Cl. 19-107.)



1. The combination with the supporting frame of a machine, of material conveying means positioned at the base thereof, suction means adjacent to said conveyor and means intermittently controlling the suction exerted on said material deposited by said conveying means.

1,642,236. PUZZLE. EDWARD E. FOSTER, Beverly, Mass. Filed Dec. 12, 1924. Serial No. 755,414. 3 Claims. (Cl. 273-153.)



1. A puzzle of the character described comprising a base member provided with three hollow retaining members of different areas and such that the area of the largest member is substantially equal to the area of the two smaller members, and arranged to have a side of each of said smaller members form a side of a right angle triangle and have a side of the larger member form the hypotenuse thereof, and a plurality of puzzle pieces constructed and arranged to enable all of them to be assembled in and fill the largest hollow retaining member or to be assembled in and fill both of the smaller hollow retaining members.

1,642,237. ATTACHMENT FOR SIGNAL-OPERATING MEANS. HARRY L. FURR, Harrisonburg, Va., assignor to Furr Automatic Signal Co., Wilmington, Del., a Corporation of Delaware. Filed Dec. 30, 1925. Serial No. 78,399. 5 Claims. (Cl. 116-36.)

1. An attachment for use in signal operating devices comprising, in combination, means for operating a visible

signal including an arm, a flexible connection attached to said arm for transmitting movements thereto to set the signal, a stem connected with said arm and a signal arranged to be rotated through the movement of said

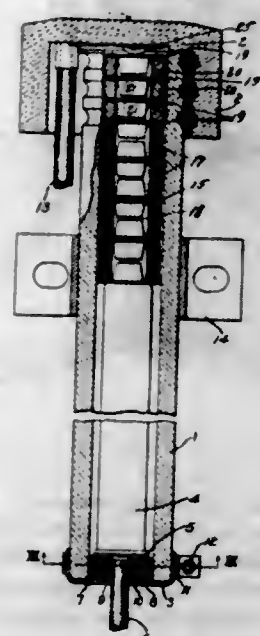


arm and stem, and a yieldable connection between said arm and stem, said connection adapted to yield upon attempted movement of the signal by an unauthorized person and thus prevent distortion of said flexible connection.

1,642,238. PLATING AND METHOD OF ACCOMPLISHING THE SAME. HENRY GARDNER, Detroit, Mich., assignor to Ford Motor Company, Highland Park, Mich., a Corporation of Delaware. Filed Feb. 19, 1923. Serial No. 620,040. 6 Claims. (Cl. 204-14.)

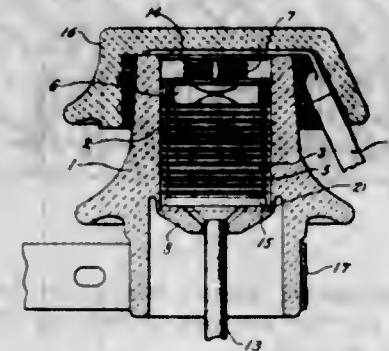
6. A solution for a nickel plating tank comprising the following ingredients in the proportions set forth, to one gallon of water, add 8 ounces of nickel ammonium sulphate, 4 ounces nickel sulphate, 2 ounces boracic acid, 1/2 ounce sal-ammoniac, 3 pennyweights cadmium chloride, 1 1/2 ounces glycerine.

1,642,239. INDICATING DEVICE FOR LIGHTNING ARRESTERS. LAWRENCE R. GOLLADAY, Wilkesburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed May 10, 1922. Serial No. 559,916. 15 Claims. (Cl. 175-215.)



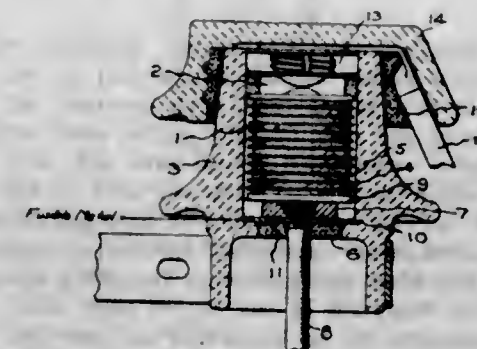
1. An indicating device comprising a structure to be supported, a supporting means comprising fusible material disposed underneath said structure and means for so supporting said fusible material as to enable it to support said structure, and a bushing normally embedded in said fusible material and released by the fusion thereof.

1,642,240. LIGHTNING ARRESTER. LAWRENCE R. GOLLADAY, East Pittsburgh, and IRVING R. SMITH, Pittsburgh, Pa., assignors to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Oct. 14, 1924. Serial No. 743,549. 7 Claims. (Cl. 175-215.)



1. A double-walled casing comprising an outer wall portion having sufficient mechanical strength to withstand shocks incident to shipment and handling, and having a substantially cylindrical bore, an inner cylindrical wall member of reduced thickness joined at its inner end to an intermediate portion of the bore of said outer wall portion, said inner cylindrical wall member being capable of withstanding relatively great steady pressures applied in an axial direction but being easily subject to fracture as a result of radially applied pressures, and an end wall portion joined to the free end of said inner cylindrical wall member and capable of applying a breaking stress in a radial direction as a result of abnormal heating.

1,642,241. PROTECTIVE DEVICE. LAWRENCE R. GOLLADAY, East Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Apr. 24, 1925. Serial No. 25,547. 11 Claims. (Cl. 175-215.)

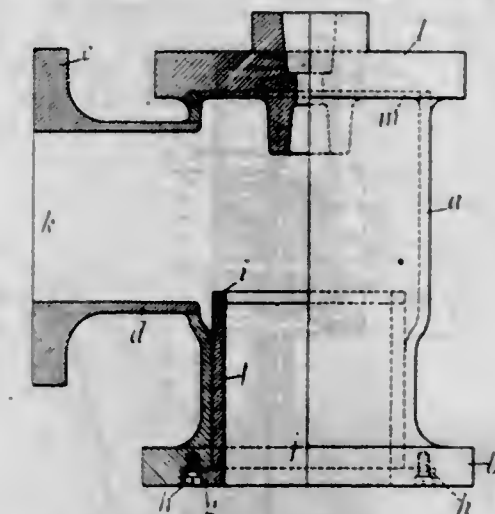


1. An electrical protective device comprising a plurality of members constituting a discharge path, an enclosing device surrounding said members, a terminal conductor leading into said enclosing device and disposed in contact with a terminal of said discharge path, and means tending to expel said terminal conductor from said enclosing device, said enclosing device including a fusible wall portion releasing said terminal conductor from said enclosing device upon abnormal operation.

1,642,242. VALVE. TOM FREDERICK GRAY, Manchester, England. Filed Apr. 14, 1924. Serial No. 706,608. 2 Claims. (Cl. 251-155.)

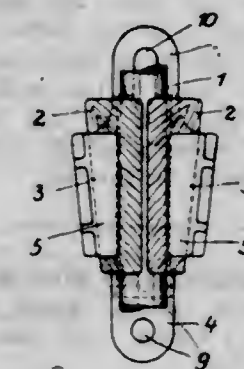
2. A valve casing comprising a weldless cylindrical shell provided with a lateral socket, a tubular branch

piece welded in said socket having a concave extremity corresponding to and flush with the cylindrical interior of the shell, a sleeve detachably secured within said



branch piece, a lid, and an annular socket in said lid having walls contacting with and welded to the interior and the exterior peripheral surfaces of the shell top.

1,642,243. CABLE-SUPPORTING CLAMP. HEINRICH HINZER, Essen-on-the-Ruhr, Germany. Filed Nov. 18, 1925. Serial No. 69,945, and in Germany June 19, 1925. 2 Claims. (Cl. 24-136.)

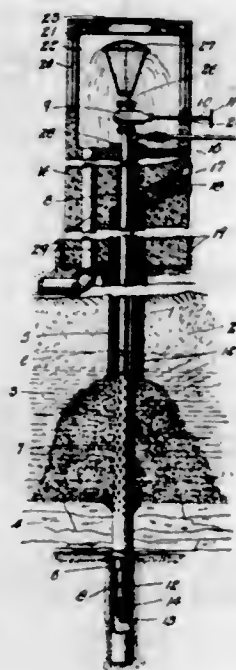


1. A cable-supporting clamp, comprising a socket having opposite flat front and rear wall members, the rear wall being provided with means for connecting it to a support such as a wall or post, the socket also having opposite flat side walls of substantial width and depth arranged at right angles to the front and rear wall members and also arranged in downwardly convergent angular relation to each other, and wedges each having a face longitudinally grooved to fit a segment of a cable, an opposite flat face in angular, downwardly convergent relation to the grooved face, and flat, parallel front and rear faces, the wedges being insertable in the socket to clamp a cable therein by convergent movement of the wedges caused by cooperation of their angular faces with the angular socket walls, the front and rear socket wall members also cooperating with the opposite parallel wedge faces to retain the wedges in the socket.

1,642,244. PROCESS OF MAKING SODIUM PHOSPHATES. HENRY HOWARD, Cleveland, Ohio, assignor to The Graessli Chemical Company, Cleveland, Ohio, a Corporation of Ohio. Filed Oct. 31, 1922. Serial No. 598,212. 8 Claims. (Cl. 23-107.)

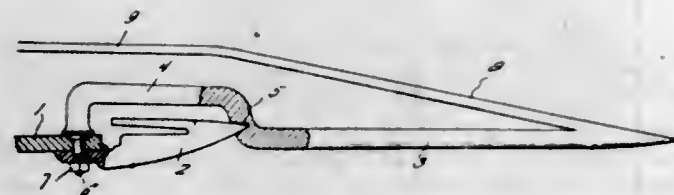
1. Process which comprises treating a solution containing colored impurities, which impurities are substantially identical with those found in a crude solution of phosphoric acid obtained by treating ground phosphate rock with sulfuric acid and separating the resulting solution from the undissolved residue, and an oxygen-containing pentavalent phosphorus compound with chlorine.

1,642,245. METHOD OF MAKING AND MAINTAINING WELLS. PHILIP S. JUDY, Kansas City, Mo. Filed Nov. 20, 1925. Serial No. 70,310. 4 Claims. (Cl. 166-21.)



1. The method of making and maintaining wells consisting of locating a perforated tube in a well, delivering gravel to a water stratum about the perforated tube to form a porous water bed about the perforated tube, drawing water and fine material from the stratum through the bed and delivering the same to the surface through the tube by induced upward flow in the tube, and intermittently backflowing contents of the tube through the bed to loosen accumulation in the bed.

1,642,246. EXTENSION GUARD FOR MOWERS. JOHN T. KAMP, Manhattan, Mont. Filed Mar. 17, 1925. Serial No. 16,167. 1 Claim. (Cl. 56-313.)

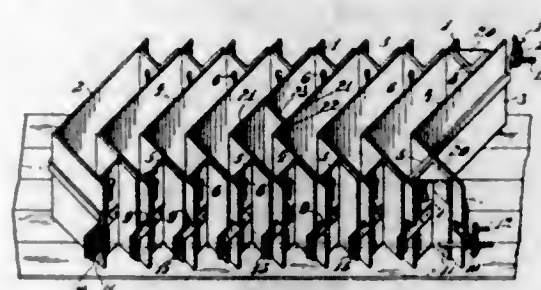


The combination of a mower frame having a counter sink in its upper side and an aperture extending downwardly from said countersink, a guard abutting against the forward edge of the frame and having an apertured shank disposed below and against the frame, and a guard extension comprising a straight body provided at its rear end with an inverted U-shaped portion, the side of the portion adjacent to the body being provided in its rear side with a tapered socket snugly receiving the forward end of the guard, and the end of the other and rear side of said portion resting in the counter-sink of the mower frame and terminating in an integral reduced and threaded bolt passing through the apertures in the frame and in the shank of the mower guard, and a nut mounted on the said bolt and disposed below the shank of the guard.

1,642,247. MOLDING DEVICE FOR MAKING CONCRETE BLOCKS. RUDOLF KRAUSE, Vienna, Austria. Filed Nov. 5, 1924, Serial No. 747,964, and in Austria Mar. 22, 1923. 6 Claims. (Cl. 25-121.)

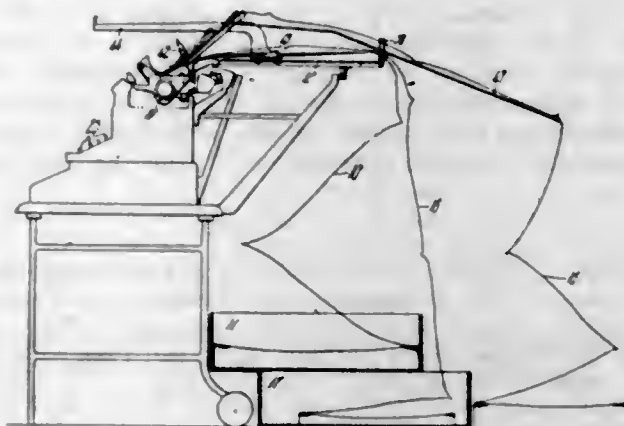
1. A molding device for making concrete blocks consisting of a plurality of elements with two flat end walls,

both of which are rigidly secured to the same face of the side wall so as to extend in divergent directions, these flat end walls being adapted to removably fasten



thereon interchangeable pieces, which are broader than the end plates for the purpose of varying the thickness of the blocks to be made.

1,642,248. TYPEWRITING MACHINE. ALFRED G. F. KUROWSKI, Brooklyn, N. Y., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed Sept. 30, 1925. Serial No. 59,456. 10 Claims. (Cl. 197-126.)

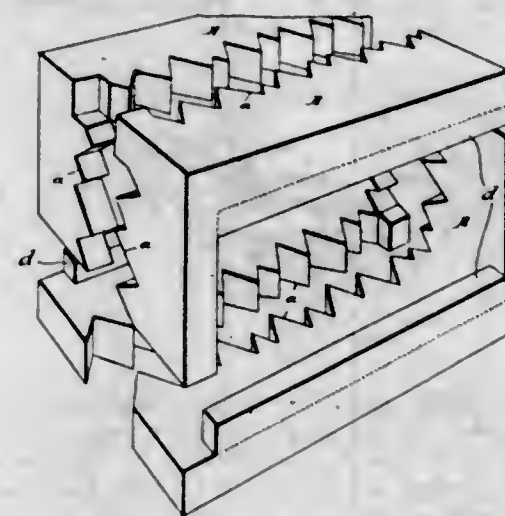


1. In a manifold-web typewriting machine, the combination with a platen around which may be fed a multiple-ply work-web interleaved with carbons, of a horizontal frame in the rear of said platen over which said work-web and a crossfolded record-data web may be conducted, the record-web being disposed next to the platen, a paper-table at the delivery side of said platen for having said record-sheet conducted thereover towards the rear of said machine, and a delivery frame for said record-sheet pivotally fastened to the top of said table and extending rearwardly to be supported on the rear end of said frame and extending rearwardly therefrom to serve as an outtrigger refolding guide for said cross-folded record-sheet, whereby the latter may descend from said guide and be folded automatically into a work-pack adjacent the rear of the machine.

1,642,249. SET OF TOY INTERFITTING BUILDING BLOCKS. EMIL LADEWIG, Vienna, Austria, assignor to Böhmisch-Mährische Malzfabrik and Export Gesellschaft Klatzcher and Lorenz, Prague, Czechoslovakia. Filed Oct. 29, 1923. Serial No. 671,557, and in Austria Nov. 14, 1922. 2 Claims. (Cl. 46-35.)

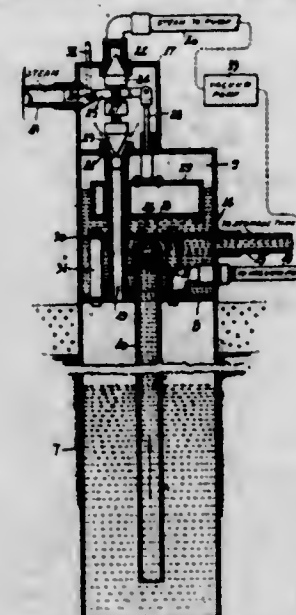
1. A toy comprising a pair of angular members, each of said members being provided with one irregular edge, said irregular edges being adapted to fully contact and interfit when brought together, and a second pair of angular members, each of which is provided with one irregular edge, the irregular edges of said second pair of

members also being adapted to fully contact and interfit when brought together, the legs of said first and second pairs of members being dimensioned to form a rec-



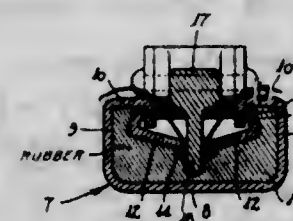
tangular frame when the ends of the legs of the first pair of members about the ends of the legs of the second pair of members.

1,642,250. DEEP-WELL PUMP. JESSE D. LANGDON, Los Angeles, Calif., assignor to Petroleum Machinery Development Corporation, Reno, Nev. Filed Aug. 4, 1926. Serial No. 127,099. 10 Claims. (Cl. 103-235.)



1. A deep well pump comprising a deep well casing, a liquid outlet pipe within said casing, means for admitting steam into said casing for forcing liquid from the casing through said pipe, a steam operated pump for withdrawing the steam from the casing to lift liquid into the casing, and means for alternately supplying steam to the first-named means and pump.

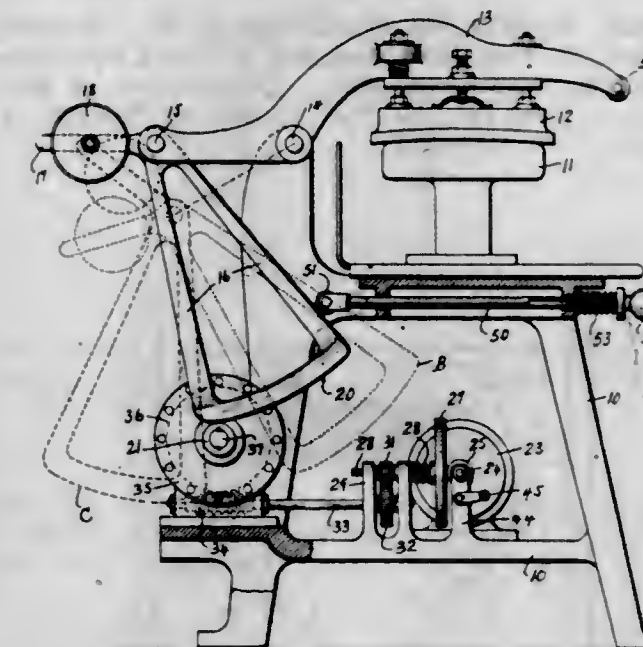
1,642,251. DEVICE FOR PUTTING PERMANENT WAVES IN HAIR. JESSE D. LANGDON, Los Angeles, Calif., assignor to Grace Norris, Guthrie, Okla. Filed Aug. 4, 1926. Serial No. 127,103. 8 Claims. (Cl. 132-32.)



1. A device of the character described comprising a pair of members, a blade movable between them, and means for yieldingly mounting said members so that

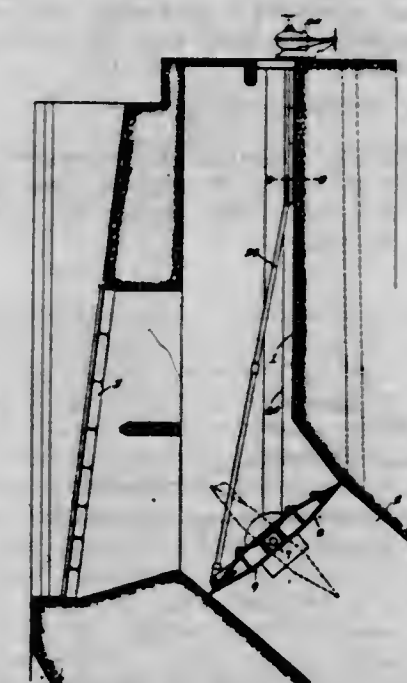
they may be swung by the contact of the blade with said members and may be separated when the blade is forced between said members.

1,642,252. POWER PRESS. JAMES CAMROD LEDRETT, New York, N. Y., assignor to The Prosperity Company, Inc., Syracuse, N. Y., a Corporation of New York. Filed Aug. 14, 1925. Serial No. 50,151. 3 Claims. (Cl. 68-9.)



1. A press comprising in combination, motor means, a pressure drive roller rotated thereby, a cam made with a working surface adapted to traverse the drive roller, pressing jaws one of which is connected with the cam and is adapted to be acted on by the cam, and a variable speed transmission adapted to drive the roller to vary the time required for the roller to traverse the cam.

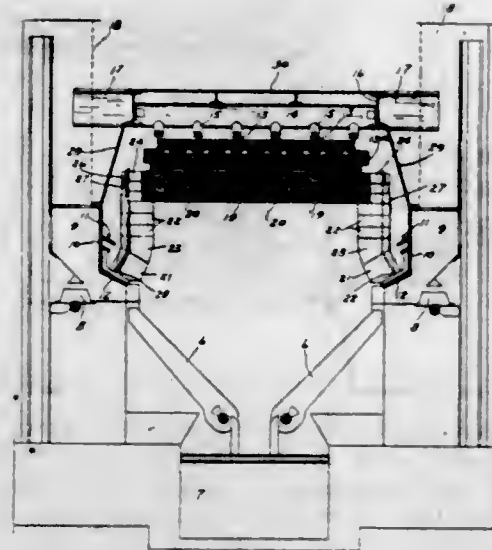
1,642,253. HYDRAULIC GATE. WILLIAM S. LEE, RICHARD PFAENLER, and DAVID NABOW, Charlotte, N. C. Filed Oct. 4, 1924. Serial No. 741,575. 18 Claims. (Cl. 251-11.)



1. In combination, a gate for controlling the flow through relatively large passageways, such as pen stocks and turbine flumes in hydro-electric power development, a pivotal connection between the gate and the walls of the passageway enabling the gate to swing on a fixed substantially horizontal axis intermediate the top and bottom of the gate, sealing means on the passage walls engaged by the top and bottom of the gate when it

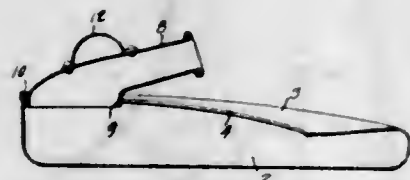
is substantially perpendicular to the direction of flow through the passage, the gate composed of a plurality of separable sections including an axis and wings, the wing above the axis when the gate is closed of greater area than the wing below the axis, and means connected with said last named wing on the inlet side of the gate to lift said wing to open and to lower said wing to close the gate.

1,642,254. **BAFFLE WALL FOR FURNACES.** MICHAEL LIPTAK, St. Paul, Minn., assignor to Liptak Fire Brick Arch Co., Minneapolis, Minn., a Corporation of Minnesota. Filed Dec. 8, 1919. Serial No. 343,339. 8 Claims. (Cl. 110-99.)



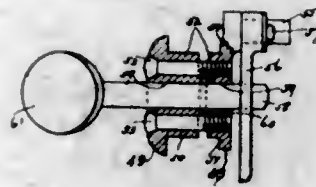
1. The combination with a furnace arch, of oscillatory baffle wall supports below and at the sides of said arch, baffle walls built up of blocks carried on said supports, the preponderance of weight of said walls being inward of said supports whereby the baffle walls are gravity-pressed toward said arch.

1,642,255. **BEDPAN.** SAMUEL LOWENSTEIN, Oakland, Calif., assignor to Harry Lowenstein, San Francisco, Calif. Filed Mar. 25, 1922. Serial No. 546,667. 2 Claims. (Cl. 4-112.)



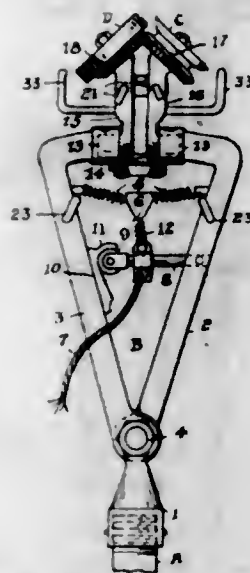
1. In a device of the character described, a bed pan having an opening therein, a urinal member arranged to removably fit and be held in said opening, and having a portion thereof arranged to extend outwardly from the pan and a portion arranged to extend inwardly therein, the outwardly extending portion of said member having an inlet opening, and the inwardly extending portion defining a chamber sealed from the interior of the pan, said member being so positioned with respect to the pan that the user may operatively use the pan and member simultaneously.

1,642,256. **LAVATORY FIXTURE.** HARRY MACMILLAN, Philadelphia, Pa. Original application filed Oct. 13, 1922. Serial No. 594,368. Divided and this application filed Oct. 12, 1923. Serial No. 668,129. Renewed Jan. 31, 1927. 7 Claims. (Cl. 4-67.)



1. A flush tank operating lever comprising a two-piece nipple, each of the pieces having a reduced portion for insertion in a hole in a tank wall at opposite ends of said hole, means to fasten said parts together, an extension or arm carried by the inner part, a trunnion supported by said extension, a ball lever fulcrumed on said trunnion, and an operating lever passing through both parts of the nipple and fulcrumed in one of them, the inner end of said operating lever engaging the ball lever.

1,642,257. **TROLLEY HARP AND CONTACT DEVICE.** SALVATORE MAGGIO, Pittsburgh, Pa. Filed Jan. 5, 1926. Serial No. 79,358. 6 Claims. (Cl. 191-58.)

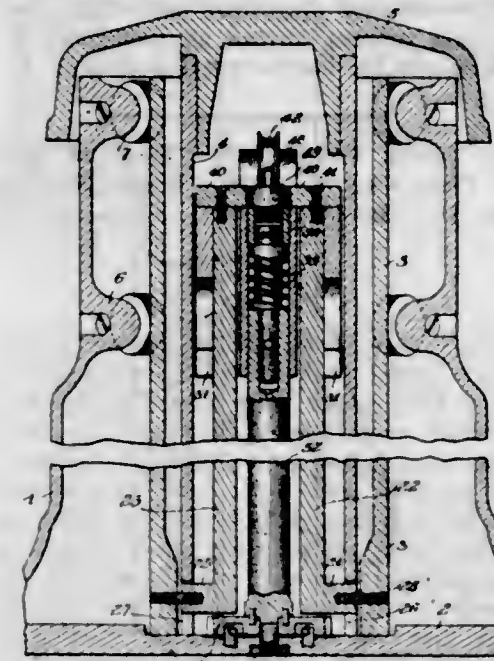


1. In a trolley contact device for use with an overhead conductor-wire, the combination of a main contact means and a pilot contact means in front of the main contact means, both of said means being mounted on the trolley pole or other support and normally traveling in contact with the wire, and said main contact means comprising a grooved wheel and a disk disposed in converging planes and engaging the wire between them, said wheel and disk being spring pressed toward each other and being arranged for separation by tension on the trolley rope.

1,642,258. **DENTAL CHAIR.** ADAM J. MAY, Rochester, N. Y., assignor to Ritter Dental Manufacturing Co., Rochester, N. Y., a Corporation of New York. Filed Apr. 11, 1924. Serial No. 705,736. 21 Claims. (Cl. 155-25.)

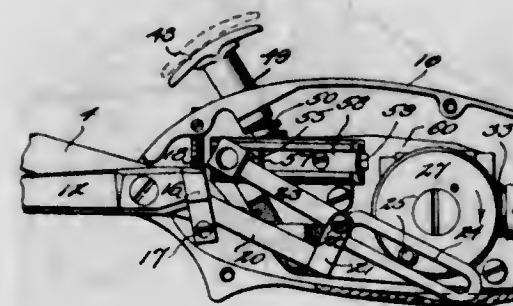
1. In a chair base, the combination of a base member, inner and outer telescoping members movable therein, racks and pinion devices operating within the telescoping members to elevate or to depress the same, a standard

projecting within the inner telescoping member and forming a support for the pinion and a guide for the rack, motor driven means for actuating said rack and pinion



devices, an operating connection between the standard and inner telescoping member and means for controlling said motor driven means.

1,642,259. **MOTOR-DRIVEN SHEARS.** DELBERT F. MORSE, Lakeport, N. H. Filed June 30, 1926. Serial No. 119,690. 6 Claims. (Cl. 30-13.)



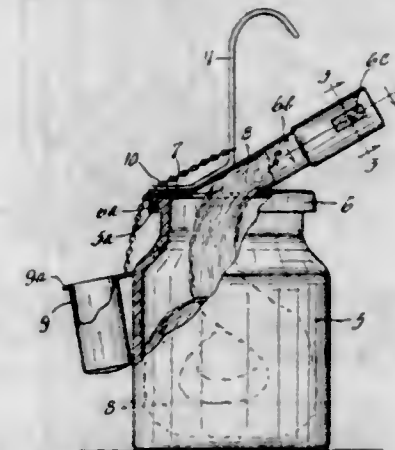
1. In a device of the class described, a housing, a stationary blade carried thereby, a movable blade cooperating with the stationary blade, mechanism for driving the movable blade, mechanism for varying the extent of stroke of the movable blade, and a controlling device operatively connected with both of said mechanisms.

1,642,260. **ALCOHOL TORCH.** WALTER OLSEN, Albert Lea, Minn., assignor to American Gas Machine Company, Albert Lea, Minn., a Corporation of Minnesota. Filed June 7, 1926. Serial No. 114,309. 2 Claims. (Cl. 67-55.)

1. A torch comprising a receptacle adapted to contain liquid fuel, a nozzle extending upwardly therefrom, a wick disposed in said receptacle and extending upwardly through said nozzle, said nozzle having an open upper end, and having an opening in its side, adjacent its upper end, said opening extending inwardly to said wick and a snubber cap having a closed end and adapted to

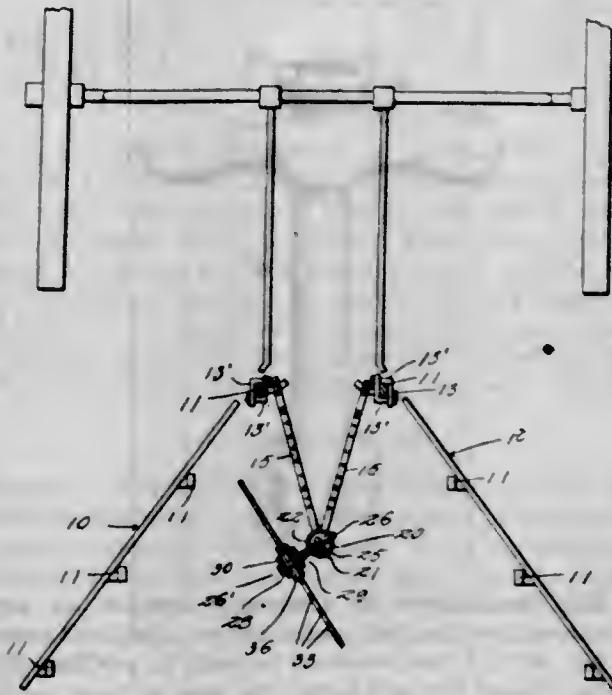
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fit over the open outer end of said nozzle, whereby said wick may be maintained substantially flush with the end of said nozzle and may be ignited at said end and at



said opening, and said snubber cap may be placed over the outer end of said nozzle to engage the closed end of the cap with the outer end of the nozzle.

1,642,261. **WEEDER.** FRANK PATTERSON, Richfield Springs, N. Y. Filed Sept. 25, 1926. Serial No. 137,794. 1 Claim. (Cl. 97-12.)

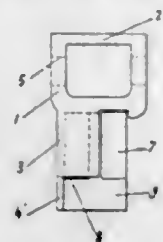


A weeder attachment for a cultivator comprising a pair of rearwardly converging bars, clamps for engagement on certain of the shovel standards of the cultivator and each having a lug projecting from one side thereof, the forward end of each of the said bars being clamped on a lug, a disk arranged on the convergent ends of the said bars, a second disk rotatably adjustable on the first disk, said second disk having a notched flange on its upper portion, a bolt disposed vertically through the disks and said convergent ends of the bars, a nut engaged on the bolt beneath the bars, the upper end of the bolt having an angular eye, an angular shaft disposed through said eye and resting in a notch of the upper disk, and a weeder wheel rotatably mounted on said shaft.

1,642,262. **PICKER FOR WEAVING LOOMS.** PIERRE PENNARTZ, Lille, France. Filed Nov. 10, 1925. Serial No. 68,054, and in France Oct. 6, 1925. 1 Claim. (Cl. 139-160.)

A picker for overpick weaving looms comprising a frame, having a tubular channel therein open at one end and slotted along the side, and a nose member having a body

portion, a strike portion and a cylindrical tongue portion attached thereto by a web member, whereby said cylindrical tongue and web are adapted to easy insertion and

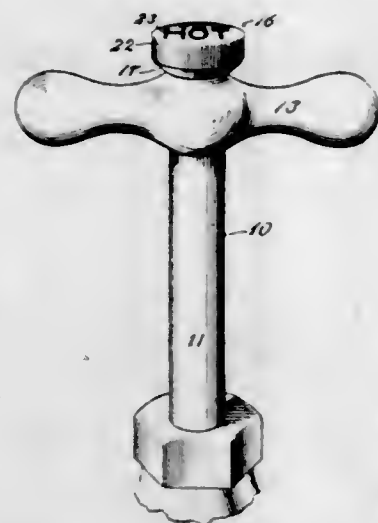


removal from said tubular channel and slot, and whereby said nose member is firmly attached against impact and easily removable by traction.

1,642,263. PROCESS FOR MANUFACTURING DINITRO PERYLENE QUINONE. ALOIS ZINKE, Graz, Austria, assignor, by mesne assignments, to Felice Bensa, Genoa, Italy. Filed June 15, 1923, Serial No. 645,703, and in Austria June 20, 1922. 4 Claims. (Cl. 260—56.)

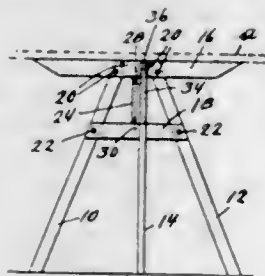
4. As a new article of manufacture, dinitroperylene 3,10 quinone.

1,642,264. INDICATING MEANS FOR FAUCETS OR THE LIKE. FREDERICK PILKINGTON, New York, N. Y. Filed Jan. 2, 1925. Serial No. 7. 6 Claims. (Cl. 40—8.)



1. The combination of a movable member, an actuating member therefor, and means for securing said members together, with a base member secured in position by the securing means for said actuating member, and an index member attached to said base member and serving to cover said securing means substantially as specified.

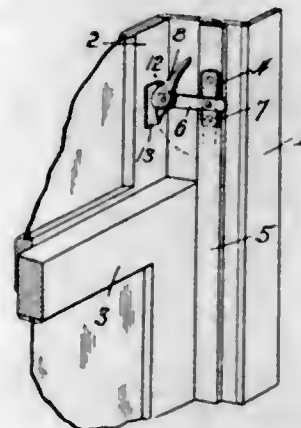
1,642,265. PLATFORM SUPPORT. EDWIN PRESCOTT, Arlington, Mass. Filed Nov. 8, 1924. Serial No. 748,743. 6 Claims. (Cl. 304—5.)



1. A new article of manufacture comprising a collapsible tripod platform support having three triangularly inclined legs, means disposed at the top-portion of the support fixedly connecting two of said legs and including a platform-supporting bar fixed to the upper ends of said

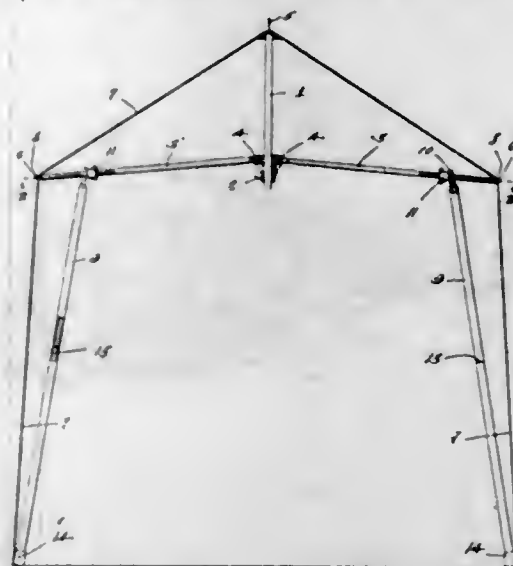
two legs and extended in both directions beyond the upper ends of said legs, means also disposed at the top-portion of the support pivotally connecting said third leg to said fixed legs, and a platform-supporting bracket fixed to said third leg intermediate its ends and extended outwardly and upwardly therefrom and terminated approximately in horizontal alignment with the upper face of said bar, said support having an unobstructed space between its legs at the bottom portion thereof.

1,642,266. SASH FASTENER. CHARLES RAW, Toledo, Ohio. Filed July 8, 1926. Serial No. 121,091. 7 Claims. (Cl. 292—65.)



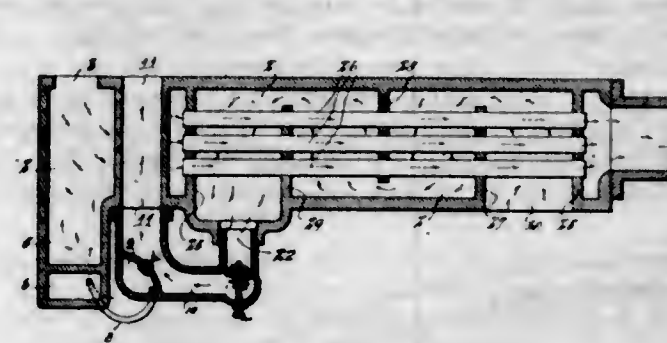
1. In a window fastener, a swinging arm and a clamping means carried by the arm and adapted to be swung into securing relation to either the upper or lower sash of an associated window by a swinging of the arm.

1,642,267. FOLDING TENT. JOSEPH K. RUSH, Syracuse, N. Y., assignor, by mesne assignments, to Rush Outing Co., Inc., Syracuse, N. Y., a Corporation of New York. Filed Nov. 24, 1923. Serial No. 676,708. 3 Claims. (Cl. 135—4.)



3. In a tent, the combination of a frame, a tent covering comprising integral top and side portions, the frame comprising a vertically extending pole, a collar adjustable along the pole, arms pivotally connected to the collar on horizontal axes and extending outwardly from the collar, members supporting the arms near the outer ends thereof, the supporting members having passages through which the arms extend and the arms having adjustable shoulders thrusting against the inner faces of said supporting members, said tent covering being secured to and contacting with said frame only at the apex of the pole, the ends of the arms and the lower end portions of the supporting members and the collar being adjustable along the pole to move said arms toward the horizontal planes of the upper ends of the supporting members to tighten the frame and the tent covering.

1,642,268. HEAVY-OIL VAPORIZER. DAVID T. SCOTT, Vancouver, British Columbia, Canada. Filed Dec. 3, 1924. Serial No. 753,689. 4 Claims. (Cl. 261—12.)



1. A carburettor of the class described comprising an elongated chambered body through which the exhaust from the engine is passed from one end to and through the opposite end, said chambered body having a sub-chamber adjacent the end where the exhaust gases enter the chambered body, and a delivery duct to the engine intake extending transversely across and through said chambered body adjacent the end where the exhaust gases enter said body, means for separately passing air transversely through said chambered body in a zigzag path to absorb heat from the exhaust gases, and deliver the heated air to said delivery duct, means to deliver fuel oil from said sub-chamber into said heated air adjacent to said delivery duct, and means to deliver fuel oil to the sub-chamber.

1,642,269. FUEL-INJECTING NOZZLE. CARL FRITZ SJÖMAN and CARL GUSTAF PETTERSSON, Stockholm, Sweden, assignors to J. & C. G. Bollinders Mekaniska Verkstads Aktiebolag, Stockholm, Sweden. Filed July 13, 1923. Serial No. 651,860, and in Sweden Mar. 1, 1922. 2 Claims. (Cl. 299—118.)

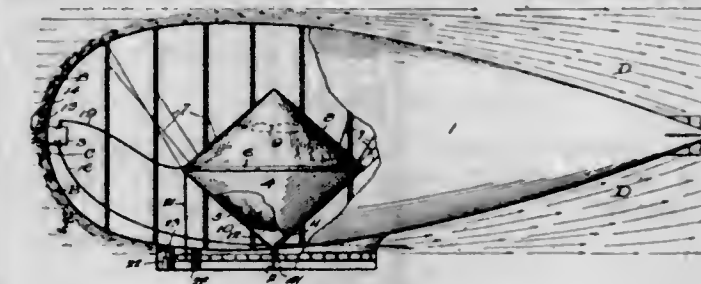


1. A nozzle including body means having a discharge opening therein and a chamber adjacent and communicating with said opening, passages in said body means dividing the liquid passing therethrough into a plurality of streams, and means adjacent said chamber for producing whirling motions of the streams of liquid entering said chamber, the whirling motions of the respective streams being opposed to one another and arrested by mutual counteraction prior to the discharge of the liquid from the body means, means for controlling the passage of liquid through certain of the passages for varying the counteraction of the whirling motion of one stream to the other whereby to vary the angle of spread of the jet issuing from the discharge opening.

1,642,270. AIRSHIP. THOMAS BENTON SLATE, Glendale, Calif. Filed July 23, 1925. Serial No. 45,649. 8 Claims. (Cl. 244—25.)

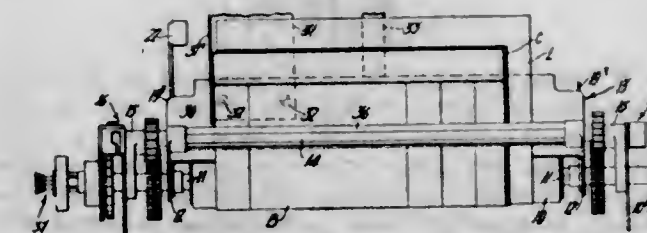
6. In combination with an airship, a centrifugal blower mounted on the nose of the airship and delivering a

radial volume of air over the nose of the airship in a direction at right angles to the axis of the ship and leading



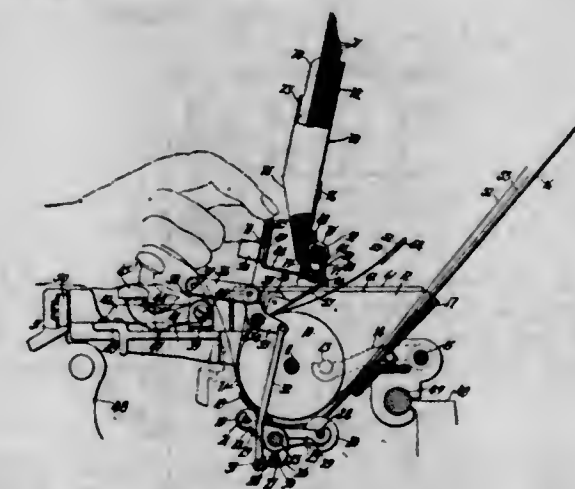
ing away from the contour of the nose of the ship to cause a partial vacuum between the airship and the air stream delivered from the fan.

1,642,271. TYPEWRITING MACHINE. JESSE A. B. SMITH, Stamford, Conn., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed Aug. 21, 1924. Serial No. 733,284. 15 Claims. (Cl. 197—127.)



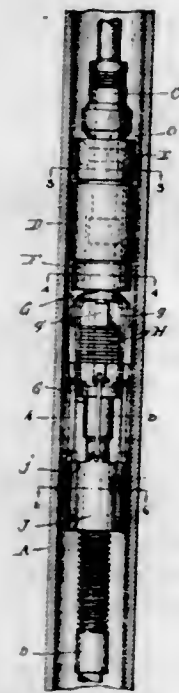
1. In a typewriter machine, in combination, a platen, feed-rolls normally against the platen, a movable collating table, means for releasably holding said platen and the feed-rolls spaced apart to permit work-pieces introduced between the platen and the feed-rolls to be collated on the table, and means operable by motion directly imparted to said table by the hands of the operator, to cause release of the spacing means and thereby permit the platen and the feed-rolls to grip between them the collated work-pieces.

1,642,272. TYPEWRITING MACHINE. JESSE A. B. SMITH, Stamford, Conn., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Original application filed Oct. 30, 1923, Serial No. 671,631. Divided and this application filed Dec. 15, 1925. Serial No. 75,514. 6 Claims. (Cl. 197—130.)



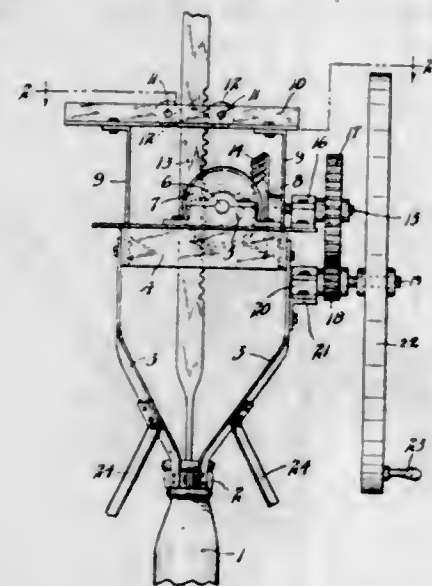
1. In a typewriter machine, a platen, a platen-frame, and a frame detachably secured to the platen-frame and carrying a magazine for work-sheets, disposed in upright position on its frame above the platen, comprising a bar on the detachable frame near the foot of the magazine, and extending lengthwise of the platen.

1,642,273. PACKER. HARVEY R. STANDLEE, Tulsa, Okla. Filed Sept. 9, 1926. Serial No. 134,560. 9 Claims. (Cl. 166—10.)



1. In a well, a casing, a tubing arranged in the casing and adapted to extend to the top of the well, a valve mounted on the tubing, spaced collars slidably mounted on the tubing, one above the other, an elastic packing sleeve surrounding the tubing and having its ends connected to said collars, each collar being provided with channels to permit fluid in the well to travel past the packing sleeve and collars while the tubing is being lowered into the well, the upper collar having a valve seat adapted to be closed permanently by the valve when the tubing has been lowered a predetermined distance, a guide block slidably mounted on the tubing below said collars and adapted to bear against the lower collar to assist in bearing the weight of the tubing when the tubing has been placed in position, said block permitting at all times the passage of fluid through the channels in the lower collar, and means controlled by movement of the tubing for locking said block to the casing.

1,642,274. PUMP-OPERATING DEVICE. LOUIS STENDALE and EDWIN HANSON, Zimmerman, Minn. Filed May 21, 1923. Serial No. 640,446. 1 Claim. (Cl. 74—14.)



A pump jack mechanism comprising a frame comprising a circular clamp adapted to be secured to the top of a pump body, circumferentially spaced bars extending upwardly therefrom, a closed frame supported on said bars, standards rising from opposite sides of said frame, trans-

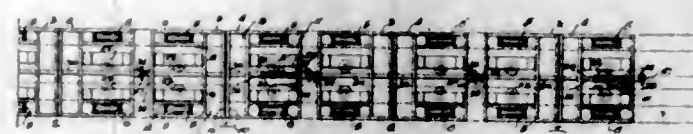
verse members secured to said standards, guiding means on said members, a reciprocable rack bar guided by said means and transverse members, bearings on said closed frame, shafts journaled in said bearings, and means carried by said shafts for reciprocating said rack bar.

1,642,275. COASTER-TRACK STRUCTURE. WILLIAM H. STRICKLER, Philadelphia, Pa., assignor of one-half to William H. Dentzel, Philadelphia, Pa. Filed Jan. 16, 1926. Serial No. 81,733. 15 Claims. (Cl. 104—63.)



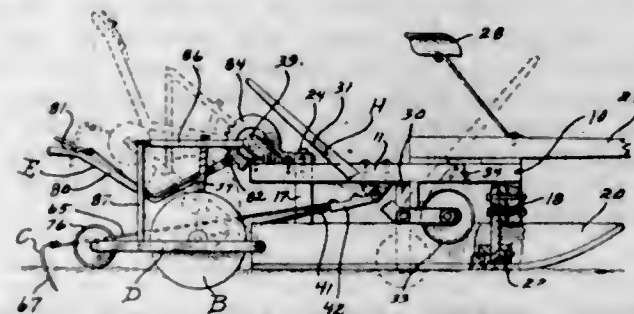
2. A coaster railway track structure comprising in combination two parallel longitudinal girders for the main rails, a series of cross bars immediately below the rail girders, a series of guide rail supporting bars located approximately midway between the girders, the said supporting bars being at right angles to the respective cross bars and secured thereto, and a longitudinal guide rail secured to the upper ends of the said supporting bars, and comprising at least two members located respectively at opposite sides of the supporting bars.

1,642,276. COASTER CAR AND TRACK THEREFOR. WILLIAM H. STRICKLER, Philadelphia, Pa., assignor of one-half to William H. Dentzel, Philadelphia, Pa. Filed Jan. 16, 1926. Serial No. 81,734. 11 Claims. (Cl. 105—3.)



2. In a coaster car, the combination of two frame sections each comprising transverse structural members having aligned central apertures therein, bearing blocks secured to the said members and having apertures therein registering with the first said apertures, a connecting and pivot bar extending through all of the apertures in both sections and means for preventing longitudinal movement of the sections with respect to the bar.

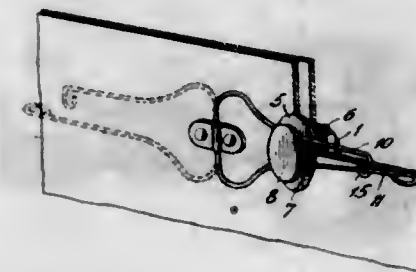
1,642,277. CROSS-ROW COTTON CHOPPER. HARRY A. TURNER, Ferriday, La. Filed Nov. 19, 1926. Serial No. 149,410. 8 Claims. (Cl. 97—23.)



2. A cotton chopper comprising a truck embodying a frame and runners for supporting the frame, a shaft mounted transversely of the frame, chopper structures

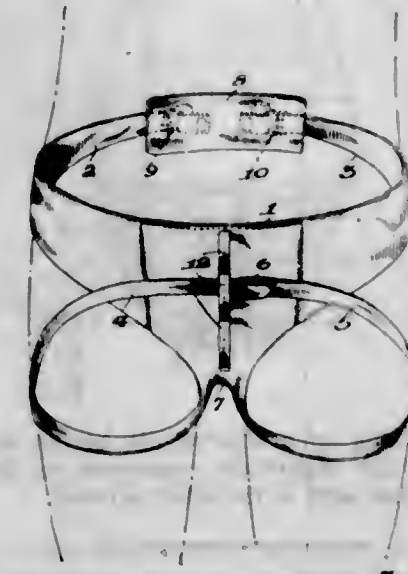
pivotaly mounted on said shaft and adjustable longitudinally therealong, and each embodying a set of angularly arranged chopper discs, and cultivators pivotaly mounted on the shaft between each pivotal mounting of the chopper structures and adjustable longitudinally along the shaft, said cultivators embodying beams extending rearwardly between each set of chopper discs and provided at their rear ends with blades for penetrating the soil at a point midway between the sets of adjustable chopper discs.

1,642,278. FASTENER. NATHAN F. VANDERLIP, Bloomfield, N. J., assignor to Wright Aeronautical Corporation, a Corporation of New York. Filed Nov. 5, 1925. Serial No. 66,944. 3 Claims. (Cl. 24—201.)



1. A composite structure comprising two members to be connected, a stud carried by and projecting from one of said members, the other of said members having an aperture through which the stud projects, a latch comprising a stretch of wire doubled upon itself to form two free arms connected by a short base portion, and a strap secured to the apertured member and hingedly confining the base portion of said wire thereto with the arms of the wire extending across the aperture, whereby the wire may be swung about its hinged connection to the apertured member into positions to cover or uncover said aperture, the projecting end of said stud being undercut, whereby when projecting through said aperture the arms of said wire may be sprung laterally to clear the head and snap into said undercut and lock the stud against withdrawal from the aperture.

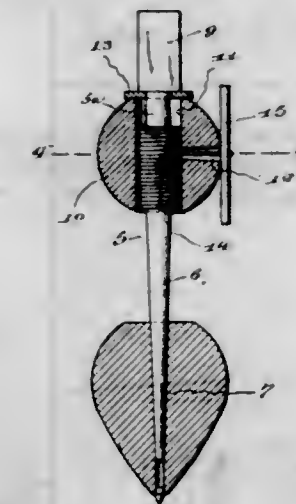
1,642,279. ABDOMINAL SUPPORT AND PROTECTOR. CHARLES VOLKERT, Jr., New Brunswick, N. J. Filed Dec. 16, 1925. Serial No. 76,756. 2 Claims. (Cl. 2—41.)



2. An abdominal support and protector comprising a main body portion, said body portion tapering at its upper end to form waist straps and at its lower end to form leg straps, fastening means mounted on the ends of said waist straps, a strap fastened to the front of said body portion so as to form a series of loops, the leg straps

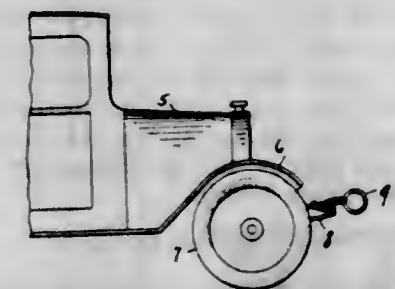
being provided with cooperating fastening means, and said straps adapted to be passed down and between the legs from the front of the wearer, around the outside of each leg and secured together through one of said loops in front of said body portion.

1,642,280. TOP SPINNER. MORRIS WEINBERG, New York, N. Y., assignor to Selma Weinberg, New York, N. Y. Filed July 16, 1926. Serial No. 122,873. 1 Claim. (Cl. 46—32.)



A device of the character described comprising a rotatable stem having its lower portion tapered for releasably engaging a top, a globe-like element arranged on said stem, having an axial bore throughout the length of said element somewhat larger than the diameter of that portion of the stem embraced thereby and having an aperture disposed substantially at right angles to said bore and a flexible element having one end secured to said stem and adapted to wind on said stem substantially the entire depth of the bore in said globe-like element.

1,642,281. AUTO BUMPER. ALBERT WEISS, New York, N. Y. Filed Apr. 27, 1927. Serial No. 187,099. Claims. (Cl. 293—55.)

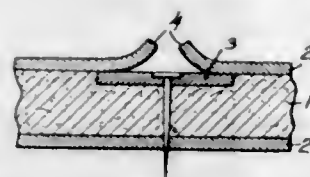


1. A bumper of the class described comprising a cable, means for securing the ends of the cable, a spring encasing the cable and a connector outside each end of the cable constituting a seat for the ends of said spring.

1,642,282. WALL AND METHOD OF CONSTRUCTING THE SAME. HOWARD F. WEISS, Madison, Wis., assignor to C. F. Burgess Laboratories, Inc., Madison, Wis., a Corporation of Delaware. Original application filed Apr. 28, 1926, Serial No. 105,163. Divided and this application filed Jan. 13, 1927. Serial No. 160,827. 5 Claims. (Cl. 72—16.)

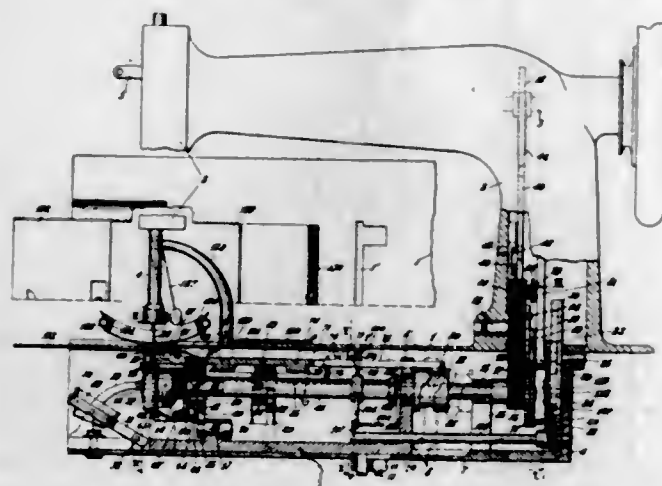
1. The method of concealing wall board fasteners and joints in a wall board having a nailing strip arranged

beneath and in contact with the liner and readily separable therefrom which comprises cutting the liner to



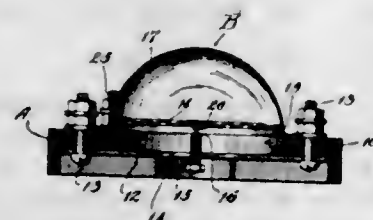
expose the nailing strip, fastening the wall board at said nailing strip and securing the separated portion of the liner in place by an adhesive.

1,642,283. SEWING MACHINE FOR DARNING. EDUARD WIELAND, Biel-Madretsch, Switzerland. Filed Feb. 4, 1927. Serial No. 163,793. 9 Claims. (Cl. 66-2.)



1. In a sewing machine, a knitting device comprising in combination a sewing needle serving as knitting needle and thread feeder, a frame for the work, a loop holder said needle being arranged to bring the thread for forming loops and stitches through the work on the frame and through a loop held on the other side of the latter by said loop holder in the path of the sewing needle transversely of the latter into the reach of a sewing machine gripper, a row of sinker or loop needles situated between said frame and said loop holder and arranged to receive the loops from the gripper, a device for shifting the entire row of sinker needles stepwise transversely of the direction of their length, means for moving to and fro the sinker needle situated in the path of the sewing needle for delivering the previously formed loop to the loop holder and for taking up the new loop formed by the gripper, and means for reversing the direction of traverse of the sinker needles.

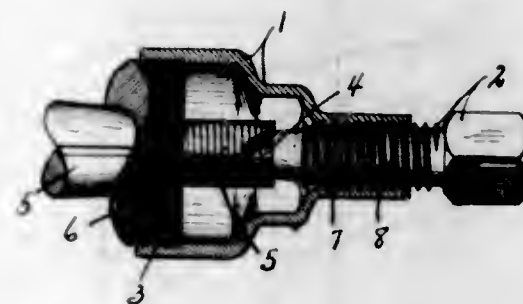
1,642,284. THERMOSTATIC CIRCUIT CONTROLLER. FRANK W. WOOD, Montclair, N. J., assignor to Chas. Cory & Son, Incorporated, New York, N. Y., a Corporation of New York. Filed Jan. 17, 1923. Serial No. 613,141. 2 Claims. (Cl. 200-140.)



1. A thermostatic circuit controller, including base and bulb units, the bulb unit comprising a substantially hemispherical cover element having a marginal flange resting

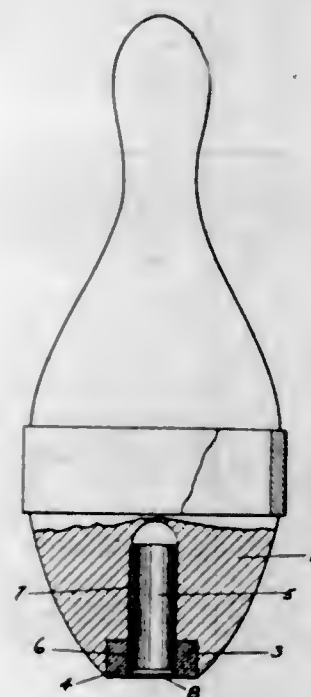
upon the base, and a diaphragm arranged transversely of the cover and spaced from the base when the flange engages the base, the diaphragm carrying a central contact member, a second contact member carried by the base, binding posts providing circuit connections for the contact members, the posts for the circuit connections of the bulb unit contact member passing through the flange and connecting the cover to the base, and all of said posts being within the periphery of the flange.

1,642,285. WHEEL PULLER. IRVING C. WOODWARD, Syracuse, N. Y. Filed Oct. 26, 1926. Serial No. 144,259. 4 Claims. (Cl. 29-85.)



3. A wheel puller comprising a cap and a screw having a threaded relation with the cap, the threads upon the screw being of such form as to be capable of movement axially of the screw in the grooves between the threads on the cap.

1,642,286. BOWLING-ALLEY TENPIN. EDWIN J. WERTHELE, Pittsburgh, Pa. Filed June 3, 1926. Serial No. 113,374. 9 Claims. (Cl. 273-82.)

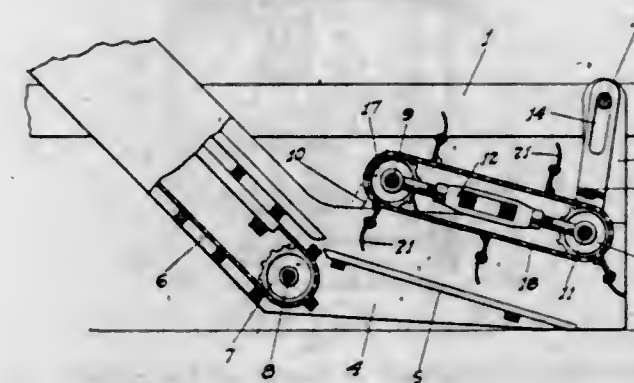


8. A bearing ring for a bowling pin having an extended centering pin tube separately connected to the bearing ring and provided with a threaded exterior.

1,642,287. GATHERING MECHANISM FOR ONION HARVESTERS. ROSCOE C. ZUCKERMAN, Stockton, Calif. Original application filed Oct. 13, 1924, Serial No. 743,296. Divided and this application filed May 3, 1926. Serial No. 106,582. 2 Claims. (Cl. 198-8.)

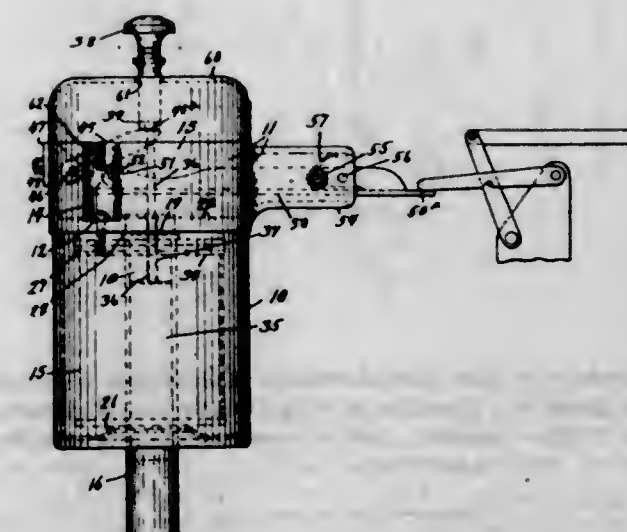
2. In an onion harvester, scoop means for gathering onions from the ground, and an auxiliary gathering mechanism cooperating with the scoop means; said

mechanism comprising an endless conveyor structure extending lengthwise of the scoop means above the same, means pivotally mounting the rear end of the structure in connection with the scoop means, means between the side frames and the front end of the structure for normally supporting the latter clear of the scoop means while



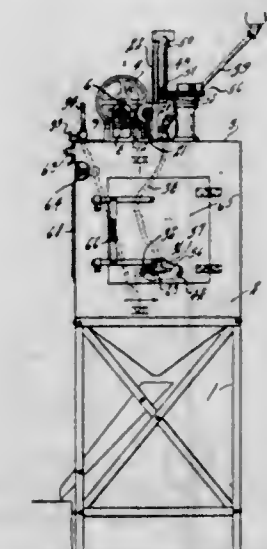
permitting of free but limited vertical movement of said front end of the conveyor, and means rigidly connecting the pivoted and front ends of the conveyor, whereby the entire conveyor structure will move about the pivoted end thereof as an axis with the vertical movement of the forward end of the structure.

1,642,288. ELECTROMAGNETICALLY-OPERATED DEVICE. CHESTER D. AINSWORTH, Wollaston, Mass., assignor, by mesne assignments, to Condit Electrical Manufacturing Corporation, Boston, Mass., a Corporation of Massachusetts. Filed Sept. 1, 1922. Serial No. 585,673. 12 Claims. (Cl. 200-109.)



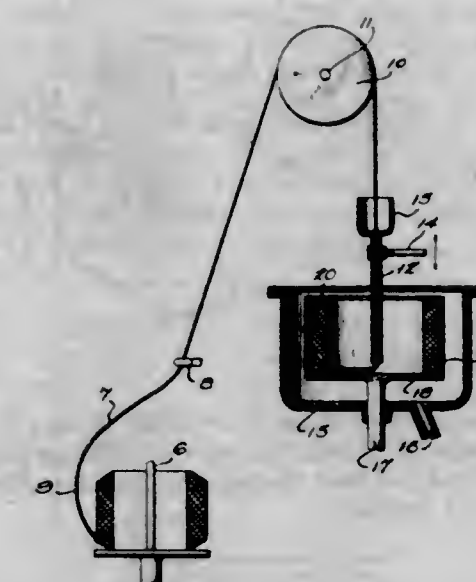
1. An electro-magnetically operated device comprising the combination of two overlapping co-acting levers arranged in alignment and pivotally supported beyond their overlapping regions, a solenoid disposed below said levers, and a solenoid-operated member disposed above the overlapping region of said levers and between their pivotal supports and arranged to descend and engage the uppermost lever, and thereby actuate the lowermost lever with increased force.

1,642,289. MOLD CLEANING AND POLISHING APPARATUS. GEORGE B. ARDUSER, Toledo, Ohio. Filed Nov. 16, 1925. Serial No. 69,355. 7 Claims. (Cl. 51-15.)



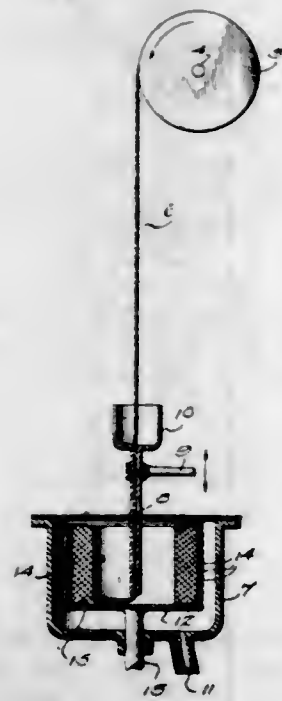
7. A mold lining cleaner comprising a housing, a mold section seat for a mold having a face to be cleaned, a mounting for the seat providing an axis in the housing toward which the mold face to be cleaned may be exposed, an abrasive blast nozzle, mounting means for directing the blast nozzle into the lining of the mold on the mold mounting across said axis at all times, actuating means for reciprocating the blast directing mounting means lengthwise of the mold, and a control device for shifting the mold mounting on its axis during said said nozzle reciprocation.

1,642,290. METHOD OF SPINNING THREADS. HARRY P. BASSETT, Cynthia, Ky., and THOMAS F. BANIGAN, Clifton Heights, Pa., assignors, by mesne assignments, to said Bassett. Filed Dec. 12, 1925. Serial No. 75,142. 3 Claims. (Cl. 117-2.)



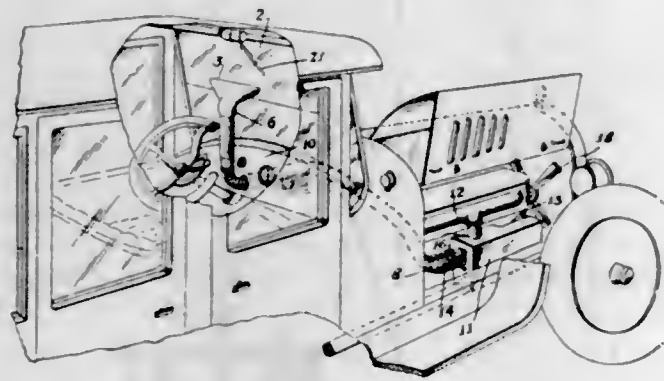
1. The method of twisting artificial silk which comprises placing a reel containing strands of such silk on a spindle, rotating the reel at a relatively low rate of speed to partially twist the withdrawn strands and form a thread, and then passing the partially twisted thread into a centrifuge to complete the twisting.

1,642,291. METHOD OF SPINNING ARTIFICIAL SILK. HARRY P. BASSETT, Cynthiana, Ky., and THOMAS F. BANIGAN, Clifton Heights, Pa., assignors, by mesne assignments, to said Bassett. Filed Dec. 12, 1925. Serial No. 75,143. 3 Claims. (Cl. 117-2.)



1. The herein described process which comprises spinning strands of artificial silk from a spinneret, collecting the strands on a positively rotated spool, positively rotating the spool in the opposite direction to unroll the strands, and passing the strands into a centrifuge machine to twist them and form a thread.

1,642,292. HEATING ATTACHMENT. ALBERT W. BECKER, Windsor, Conn. Filed Jan. 26, 1925. Serial No. 4,945. 14 Claims. (Cl. 20-40.5.)

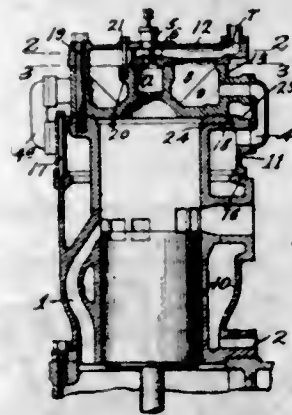


1. The combination of an automobile having a glazed surface, a nozzle, a heater, and means utilizing the motor fan for directing hot air through the heater to the nozzle onto the glazed surface.

1,642,293. INTERNAL-COMBUSTION ENGINE. PHILIPS P. BOURNE, Winchester, and OTTO NONNENBRUCH, Boston, Mass., assignors to Worthington Pump and Machinery Corporation, New York, N. Y., a Corporation of Virginia. Filed May 17, 1924. Serial No. 713,933. 9 Claims. (Cl. 123-173.)

1. A cylinder for internal combustion engine consisting of a section including the cylinder wall and a part of the water jacket of the engine, a cylinder head, a

separate jacket section intermediate said head and cylinder wall section, and means interposed between the end of the cylinder wall and said intermediate jacket section



for permitting longitudinal expansion of the cylinder wall with respect to said intermediate section without distortion.

1,642,294. SHAFT FOR GOLF CLUBS OR THE LIKE. DWIGHT F. BOYDEN, Boston, Mass. Filed Mar. 5, 1927. Serial No. 173,005. 11 Claims. (Cl. 273-80.)

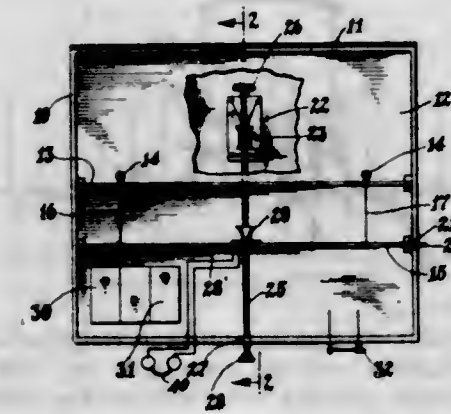


1. A shaft of the class described, comprising an upper section made of a plurality of strips of bamboo of different lengths nested together, and a lower section into which said upper section is fitted.

1,642,295. NOISELESS INTERCOMMUNICATING TELEGRAPH AND TELEPHONE DEVICE. MARCIAL BRACAMONTE, Puerto Cortes, Honduras, Central America. Filed Jan. 22, 1926. Serial No. 83,019. 2 Claims. (Cl. 179-2.)

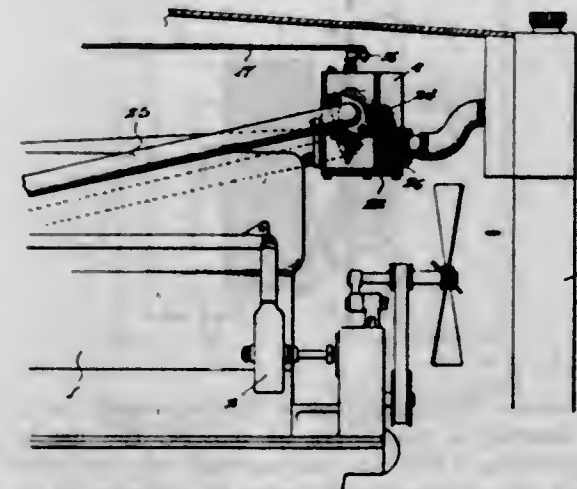
1. A noiseless intercommunicating telegraph and telephone device comprising a sound proof box having spaced compartments therein, a telegraph sounder disposed within one of said compartments, a telephone transmitter disposed within an adjacent compartment, a slidable partition between said adjacent compartments adapted to be normally retained in a raised position to provide an unobstructed path for the passage of signals from said

sounder to said transmitter, a swinging partition adapted to be raised to permit access to said telephone transmitter for transmitting voice therethrough, and means operatively connecting said partition for lowering the



slidable partition when said swinging partition is raised to enclose said sounder in a sound proof compartment for preventing interference of the signals therefrom with the voice sounds.

1,642,296. MOTOR-VEHICLE HEATER. JOSEPH STEWARD BRANT, Somerset, Pa., assignor of one-half to Walter L. Morrison, Somerset, Pa. Filed Oct. 5, 1926. Serial No. 139,702. 5 Claims. (Cl. 251-104.)

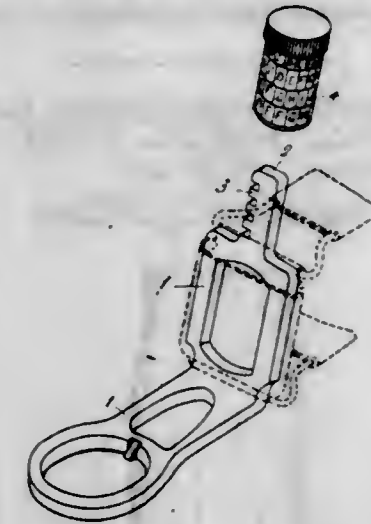


5. A valve of the character specified comprising a casing having intersecting chambers, the one constituting a by-pass and the other of larger diameter and adapted to receive a valve, and having a direct inlet, a direct outlet, an outflow and a return, and a valve plug snugly fitted within the valve chamber and having a limited movement and provided with a diametrical opening, a lateral opening leading from the diametrical opening, and having a cut away portion to establish communication between the said return and the by-pass.

1,642,297. LOCKING DEVICE FOR CYCLE AND SIMILAR LAMP BRACKETS. WILLIAM HENRY BRECKNELL, Weston-super-Mare, England. Filed Dec. 6, 1926. Serial No. 152,872, and in Great Britain Nov. 23, 1925. 1 Claim. (Cl. 70-53.)

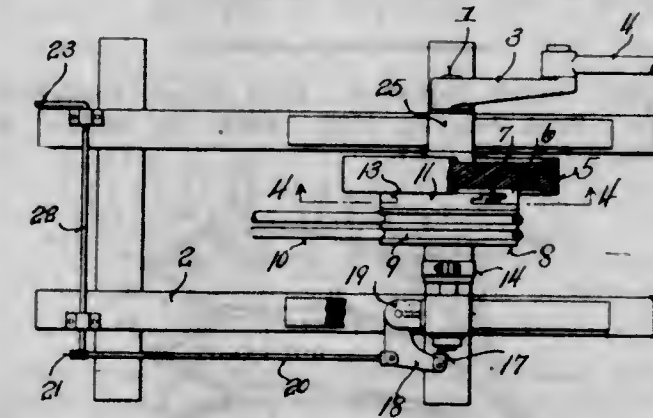
The combination of a bracket having an integral tongue extension provided with a series of wards, on one edge

thereof, said extension adapted to pass through an opening in a lamp socket, and a removable member carrying



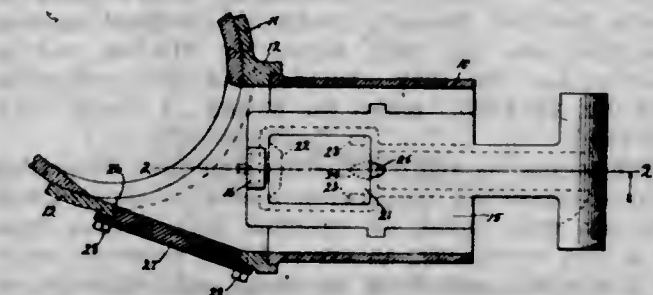
a plurality of permutation tumblers coacting with said wards, the diameters of said tumblers being larger than the opening in the lamp socket.

1,642,298. CLUTCH. HOWARD D. CAMPBELL, McAlester, Okla., assignor of one-half to C. R. Hudson, McAlester, Okla. Filed Dec. 22, 1925. Serial No. 76,995. 1 Claim. (Cl. 192-67.)



A clutch comprising a main shaft having a ring operatively supported therefrom, and provided with spaced inwardly projecting lugs paralleling the face of said ring, a second member slidably mounted upon said shaft and having projecting portions provided with outwardly projecting lugs adapted to interlock with said first mentioned lugs, whereby said slidable member may be driven in either direction upon reversal of rotation of said shaft, said inwardly projecting lugs being spaced apart a distance greater than the spacing of the outwardly projecting lugs, whereby said slidable member may be moved axially of the shaft to open the clutch.

1,642,299. LOCOMOTIVE STOKER. WASHINGTON T. CAPPS, Baltimore, Md., and HERRERT G. MAXIN, Poughkeepsie, N. Y., assignors to Locomotive Stoker Company, a Corporation of Pennsylvania. Filed June 24, 1922. Serial No. 570,612. 6 Claims. (Cl. 110-104.)



1. A distributor tube for stokers adapted to project into a fire-box and having a removable bottom section

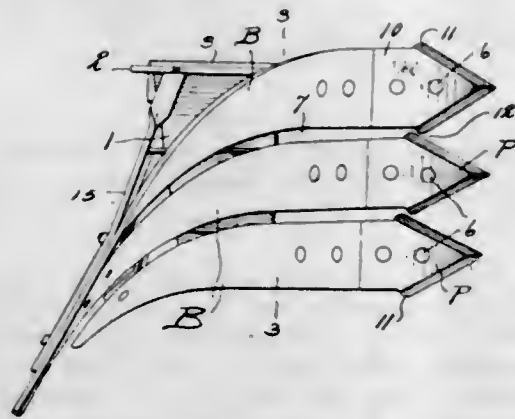
loosely interlocking with the main or body section, and being insertible through the rear end of the tube without removal of the latter from the fire-box.

1,642,300. COSTUME SLIP. LUCILE CONYERS, Salt Lake City, Utah. Filed Jan. 3, 1927. Serial No. 158,571. 2 Claims. (Cl. 2-73.)



1. In a garment of wearing apparel for women a piece of tubing having two pentagon portions removed from the upper top sides thereof and the cut edges sewn together to form a seam in the shape of an inverted Y with the large end of the Y over the hips of the wearer and the leg of the Y under the arm of the wearer.

1,642,301. PLOW BOTTOM. GLEN FORGY, Frankfort, Kans. Filed Jan. 29, 1926. Serial No. 84,735. 3 Claims. (Cl. 97-123.)

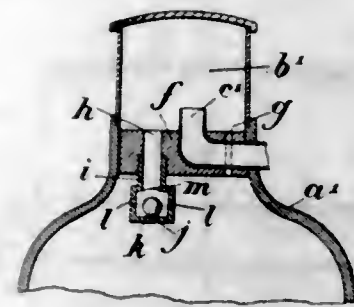


1. A plow bottom comprising a frog, supporting arms carried by the frog and extending in advance thereof, cutting blades positioned above the frog, means for connecting the working end portions of the blades to the forward end portions of the supporting arms, and supporting means for the rear portions of the blades interposed between the blades and the arms, the supporting means for each blade being confined to the rear of the blade and free of the space between said blade and the blade adjacent thereto to prevent clogging between said adjacent blades.

1,642,302. LIQUID-DISTRIBUTING APPARATUS. FRANZ GOUVION, Brussels, Belgium. Original application filed Jan. 24, 1923, Serial No. 614,706, and in Belgium Jan. 24, 1922. Divided and this application filed Oct. 19, 1925. Serial No. 63,504. 1 Claim. (Cl. 221-99.)

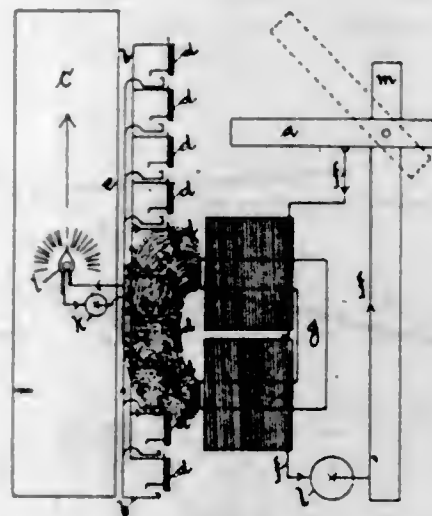
Liquid measuring and distributing apparatus comprising a pair of measuring receptacles, means to supply them alternately with liquid, an overflow duct leading from each of said receptacles, an excess liquid receiving receptacle into which said ducts discharge, said ducts so establishing pneumatic communication between the said measuring receptacles so that air is caused to pass between said measuring receptacles while they are alter-

nately filled and emptied, and a duct for the discharge of liquid from said excess liquid receiving receptacle, each of said measuring receptacles having an overflow chamber at its upper end into which the intake end of the overflow duct extends, and also having a partition separating said chamber from said receptacle, said partition having



a relatively small opening establishing communication between said chamber and the receptacle and also having a relatively large opening also establishing communication between them, and a float valve active to close said large opening a short time before the liquid in the measuring receptacle reaches the said partition.

1,642,303. DEVICE FOR ELECTRICALLY-EXHIBITING A DANGER SIGNAL ON A LOCOMOTIVE. HERMANN JACOBY, Eberstadt, near Darmstadt, Germany. Filed Apr. 21, 1927. Serial No. 185,645, and in Germany Mar. 16, 1927. 1 Claim. (Cl. 246-63.)

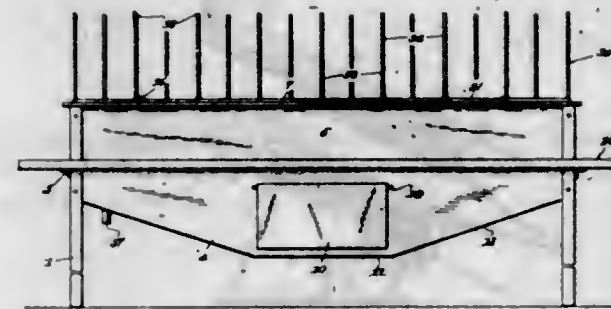


In a device for exhibiting a danger signal on a locomotive passing a semaphore at danger, the use of two current-circuits which are independent of each other and have only an occasional connexion by transfer of an electromagnetic field, the one circuit being installed on the locomotive-engine and having for closing of said one circuit a complete register of relay armatures fitted on the under side along the passing locomotive, while the other circuit is arranged with an electromagnet on the earth between the rails and is connected to the stop signal arm of the semaphore which closes said other circuit when the signal-arm is put for "stop" and energizes the electromagnet for sending out its electromagnetic field which is traversed by all the relay-armatures in sequence and attracts them and therefore closes the circuit for exhibiting a danger signal on the locomotive, which signal is controlled over multiple circuits including the respective armatures.

1,642,304. POULTRY WATERER. ALPHA D. LANTZ, Sidney, Ohio, assignor of one-half to Leslie Helman, Sidney, Ohio. Filed Feb. 14, 1927. Serial No. 168,221. 3 Claims. (Cl. 119-73.)

1. A poultry waterer including an outer casing provided at one side with a door or opening, a door hinged at the top to the outer casing at the said opening and

having an outwardly offset lower portion forming a cold air inlet at the bottom of the door, said outlet casing being provided at opposite ends with warm air vents located adjacent the top of the poultry waterer, and opposite partitions extending across the end portions of the outer casing and composed of inner upwardly extending portions, outwardly extending intermediate portions and up-



wardly extending outer portions, said partitions being spaced from the bottom of the outer casing and extending to points adjacent the warm air vents, and a tank suspended within the outer casing and arranged in spaced relation with the partitions, the latter forming passages for the circulation of heated air and providing dead air spaces for insulation.

1,642,305. OVERSHOE AND PROCESS OF MAKING SAME. GEORGE L. LAWRENCE, Jr., Melrose, Mass. Filed Dec. 7, 1926. Serial No. 153,181. 13 Claims. (Cl. 36-5.)

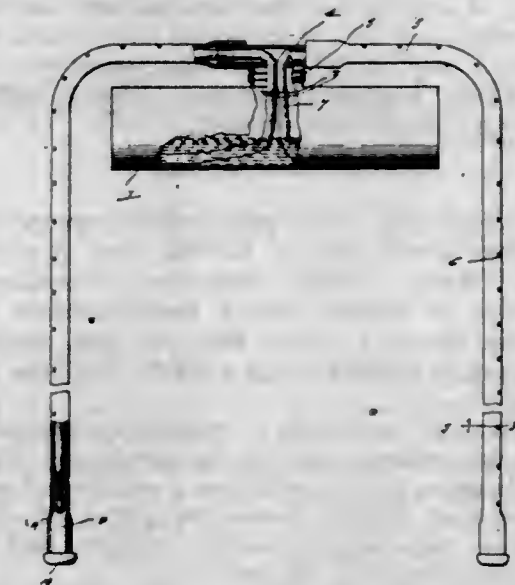


1. The improved process of manufacturing overshoes which consists in assembling lining materials and an inner-sole on a last applying toe and heel foxing to said lining and inner-sole, applying a fabric vamp and quarter in such manner that the vamp overlaps said foxing and is secured thereto, applying an outsole, and completing the overshoe.

1,642,306. INSECT EXTERMINATOR. JOSEPH THOMAS MONTE, Chisholm, Minn. Filed Mar. 18, 1927. Serial No. 176,425. 3 Claims. (Cl. 229-20.)

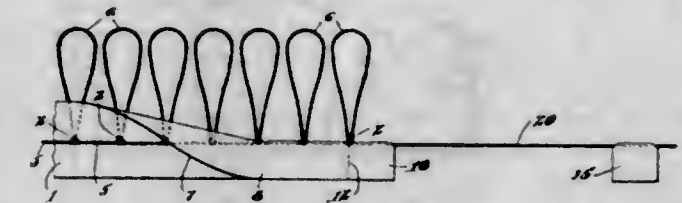
3. As a new product of manufacture, an insect exterminator comprising an insecticide containing tank provided with a filler neck having screw threads, a screw cap connected with said neck, said cap having an opening, a pipe carried by said cap and having an opening communicating with said first opening, the ends of said pipe extending beyond the diametrically opposite sides of the cap, flexible tubes connected with the end portions of

said pipe, said tubes being provided with a multiplicity of holes, plugs removably fitted in the ends of said tubes, and individual wicks having their inner ends located in



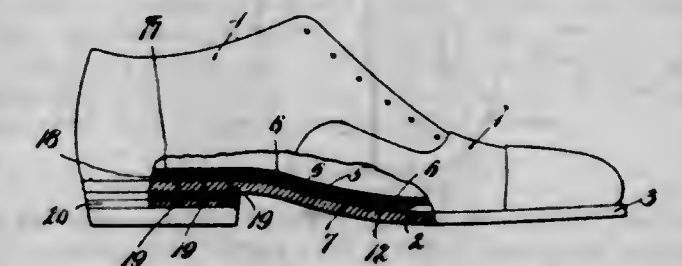
said tank and their outer end portions extending through said cap, said pipe, and said tubes and connected with said plugs.

1,642,307. PROCESS OF MAKING TEA-BALL TAGS. EDWARD J. OVINGTON, Newton, Mass. Filed Dec. 22, 1923. Serial No. 682,339. 1 Claim. (Cl. 93-91.)



The process of forming individual tags and attached predetermined lengths of string, which consists in preparing a strip of tag material of double width to that of the completed tag, forming recesses centrally in said strip and at predetermined spaced intervals along the length thereof, positioning a single string centrally of said strip with a loop of predetermined length drawn through each recess, then doubling said strip and uniting its opposed layers by adhesive, simultaneously attaching same to the predetermined length of string thus held in the doubled layer between said recesses, severing said tags from each other on a line with said recess and in the bight of the loop, and thereafter severing said string adjacent to a tag, thereby producing a single string tag.

1,642,308. VENTILATED INSOLE. GEORGE M. PEABODY, Hyde Park, Mass., assignor to E. E. Taylor Company, Boston, Mass., a Corporation of Massachusetts. Filed July 6, 1925. Serial No. 41,569. 1 Claim. (Cl. 36-3.)



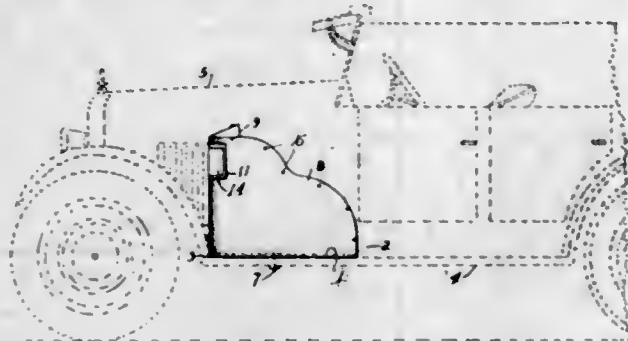
A prepared insole for use in the manufacture of welt boots and shoes, having, in combination, a sewing rib around its marginal edge forwardly of the heel portion, a fabric reinforcing layer secured to the insole and to the

sewing rib and occupying the space enclosed by said sewing rib, a plurality of perforations extending through the insole and through the reinforcing layer and located only at the shank portion of the insole, and an impermeforate layer of yielding and absorbent material secured to the reinforcing layer and to the insole and located at the shank portion only of the insole, said impermeforate layer of yielding and absorbent material being of sufficient thickness to act as an arch support.

1,642,309. PROCESS FOR THE PRODUCTION OF A WEATHERPROOF OXIDE LAYER ON ELECTRON METAL. WILLY PIEPER, Nuremberg, Germany, assignor to J. B. Soellner Nachf. Relsszeugfabrik A.-G., Nuremberg, Germany. Filed May 22, 1924, Serial No. 715,251, and in Germany July 4, 1923. 2 Claims. (Cl. 148—6.)

1. A process of producing a weather-proof protecting coating on electron-metal and similar metals by oxidation, consisting in using for the oxidation a solution of sodium hydroxide and of chemical substances giving off oxygen, such solution containing potassium nitrate, said solution being free from any oily matter.

1,642,310. DOG SHIELD. BENEDICT F. PIOLA, San Jose, Calif. Filed Mar. 9, 1926. Serial No. 93,484. 1 Claim. (Cl. 224—29.)



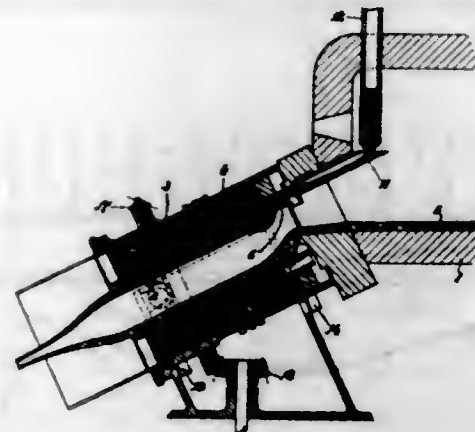
A device of the character described comprising a base member with converging edges at one end and means for securing the same upon the running board of an automobile, an upstanding wall rising from the sides and converging edges and having a window mounted therein, a hood mounted on said wall and extending inwardly above said window, and a fastening element mounted on said device.

1,642,311. FRUIT PICKING AND THINNING DEVICE. DA SORO E. RICHARDSON, Riverside, Wash. Filed Mar. 24, 1926. Serial No. 97,035. 4 Claims. (Cl. 30—24.)



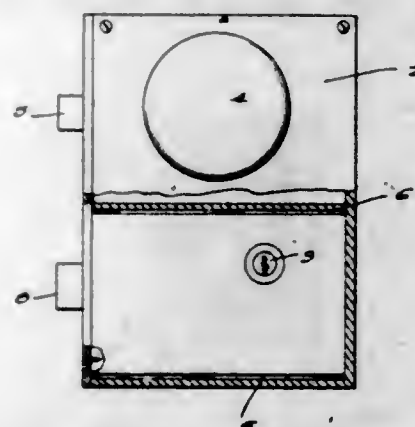
1. A fruit picking and thinning device comprising a pair of finger stall members secured and intimately connected together, and stem breaker members of substantially triangular shape in cross section carried on the outer side of said stall members.

1,642,312. GLASS-MANUFACTURING MACHINE AND METHOD. PANCAS SCHOONENBERG, Eindhoven, Netherlands, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Filed Jan. 14, 1927, Serial No. 161,205, and in the Netherlands Aug. 20, 1926. 17 Claims. (Cl. 49—17.)



1. A method of continuously drawing tubes or rods being composed of several glass layers which are fused together consisting in supplying various currents of glass to a rotating member so as to form layers which are fused together, drawing the glass from the end of said member into the shape of a tube or rod.

1,642,313. LOCK FOR HOTEL-GUEST-ROOM DOORS. ERNEST S. B. SMITH, Sacramento, Calif. Filed May 6, 1926. Serial No. 107,191. 2 Claims. (Cl. 70—16.)

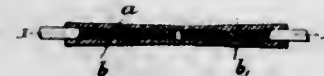


1. In combination, an envelope or casing open at one end and adapted to be socketed in a door with its open end spaced inwardly from the swinging edge of the door, and a withdrawable member sheathed in said casing or envelope and equipped with a locking bolt and with key controlled means for the manipulation of said bolt and also equipped with an escutcheon plate provided at its forward side with means for facilitating the withdrawal of the withdrawable member, said escutcheon plate being adapted when the withdrawable member is fully socketed in the envelope or casing to rest flush with said swinging edge of the door, and the said means for facilitating the withdrawal of said withdrawable member being in the form of loop-like devices disposed in countersinks in the face of said escutcheon plate.

1,642,314. JOINT FOR WIRES AND WIRE ROPES. ALBERT STECKE, Osnabruck, Germany. Filed Mar. 10, 1923, Serial No. 624,210, and in Germany Mar. 13, 1922. 1 Claim. (Cl. 24—123.)

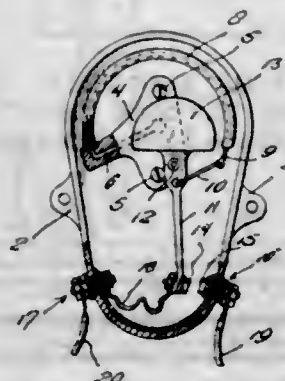
A connection for electric wires consisting of a frame-like open body having a hole in each end wall through which the threaded ends of the electric wires to be connected are inserted, a muff of comparatively soft ma-

terial having a smooth inner surface pushed over each threaded wire end and flattened so that the material of each muff penetrates into and fills the threads in said wire ends, and a safety sleeve on said frame-like body



into which safety sleeve the two muffs holding the threaded wire ends are to be inserted and convenient means for fixing said safety sleeve containing the muffs with the wire ends on the middle of said frame-like body.

1,642,315. AUTOMATIC MOTOR STOP. ALONZO N. SWINNEY, Macon, Mo. Filed Mar. 21, 1925. Serial No. 17,335. 1 Claim. (Cl. 200—81.)



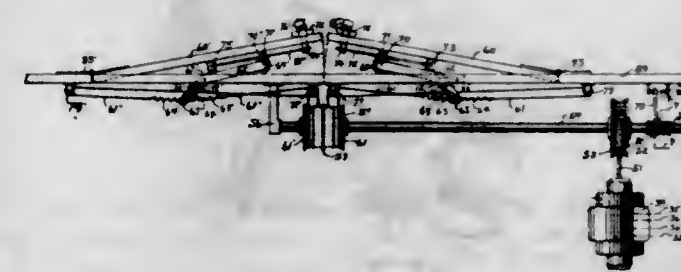
As a new product of manufacture, a motor lubrication safety device of the class described comprising a casing of general ovate configuration, said casing comprising a hollow section open on one side having attaching ears, and a removable cover plate, a block-like casting mounted in said casing at one end, said casting being provided with a fluid passage with which a fluid pressure supply pipe is adapted to be connected, a flexible fluid conducting tube connected at one end with the passage in said casting and having its free end located in said casing for movement in a predetermined arcuate path, an arm pivotally mounted between its ends on said casting, said arm having a counter-balance weight on one end, an electric contact carried by the opposite end of the arm, a fixed contact in said casing with which said arm carried contact is cooperable, and a link connection between the free end of said tube and the intermediate portion of said arm, said tube being of flexible material and adapted to contain a fluid under pressure for flexing the same to assume a predetermined position and maintain the contacts in engagement with each other, under normal lubricating conditions.

1,642,316. ROOF. HENRY R. WARDELL, New York, N. Y., assignor, by mesne assignments, to Johns-Manville Corporation, New York, N. Y., a Corporation of New York. Filed July 5, 1923. Serial No. 649,399. 2 Claims. (Cl. 108—6.)



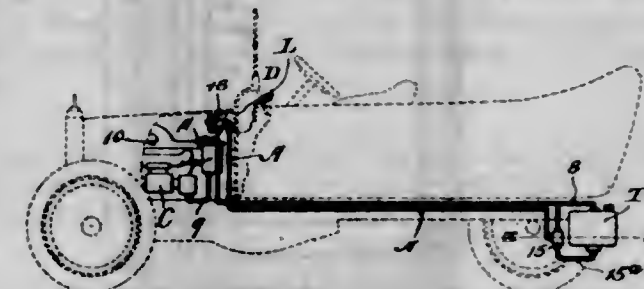
1. In a roof adapted for use over fume-generating materials, the combination, with the roof-deck, of an upper layer of water-proof, bituminous, surfacing material susceptible to disintegration by one type of vapors normally present beneath the roof-deck, a layer proof against said type of fumes but susceptible to disintegration by water, said layer comprising a continuous sheet of absorbent fabric and a continuous film of fume-proof material associated with said fabric.

1,642,317. ELECTROMECHANICAL DOOR-OPERATING DEVICE. GROVER C. WEBB, Dallas, Tex. Filed Oct. 26, 1926. Serial No. 144,318. 1 Claim. (Cl. 268—63.)



In combination with a single phase A. C. reversible motor, an electro-mechanical door operating device comprised of a spring supported insulated plate adapted to be set in the approachway to a door or doors whereon the device is adapted to be used, the top of said plate being flush with the top of the approachway surface, an electrical circuit reduced by a transformer from one hundred and ten volt supply wires to twenty volts, in connection from the motor through a pair of double action relays to contact points below the plate, said points adapted to be contacted upon depression of the ground plate through passage of a vehicle thereover to complete the circuit to the motor, and mechanical means comprised of a drum, a drum shaft supporting the drum, an endless cable passing over the periphery of the drum and secured to the door or doors to move same upon revolution of the drum, a worm gear mechanism between the motor and the drum shaft, adapted to rotate the drum shaft to wind the cable to operate the doors, a limit switch adapted to ride in a grooved sleeve secured upon the drum shaft, to break the circuit to the motor when the operation of the doors is complete, and means in connection with the cable to break the electrical circuit to the motor when the free operation of the door or doors is obstructed.

1,642,318. LOW-FUEL ALARM. DICK B. WILLIAMS, Chicago, Ill., assignor to W. Ogden Coleman, Chicago, Ill. Filed July 23, 1923. Serial No. 653,391. 5 Claims. (Cl. 177—311.)

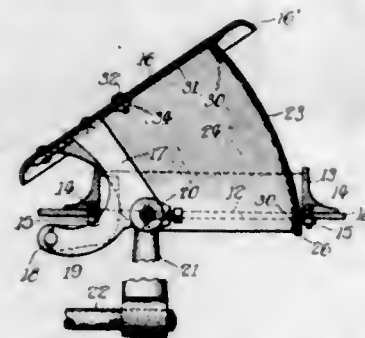


1. A low fuel alarm for motor vehicles including in combination with the fuel reservoir and the vacuum feed tank of a vacuum fuel feed system, a feed pipe connecting the vacuum feed tank with said reservoir, a cut-off chamber arranged at a predetermined low level and having pipe connections with the reservoir and with the feed pipe, and a signal pipe connected with said cut-off chamber at the predetermined low level point for the fuel and provided with suction operated signal means.

1,642,319. COWL VENTILATOR. WARREN C. ZOLLER, Kenosha, Wis. Filed July 5, 1923. Serial No. 649,441. 1 Claim. (Cl. 98—2.)

In a cowl ventilator for automobiles, the combination with a hinged cover for the ventilation opening, of a screen structure for said opening comprising a rectangular sheet metal front frame, a woven wire screen cover-

ing the opening of said frame, sheet metal end walls formed with inwardly directed flanges on their front and upper edges, the upper and lower members of said frame being folded rearwardly over the corresponding edges of

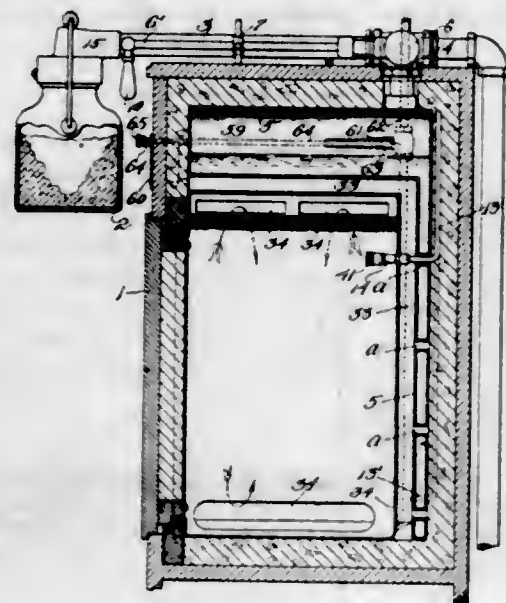


said screen and the upper and lower ends of said front flanges to unite said screen and end walls to said front frame, and screws attaching said upper edge flanges of the end walls to the under side of said cover.

1,642,320. FOOD PRODUCT. ARNOLD K. BALLS, Philadelphia, Pa. Filed Nov. 9, 1925. Serial No. 68,019. 3 Claims. (Cl. 99-11.)

2. The herein described process of preparing food products from yeast which comprises heating yeast to a temperature not over 150° C. for a period of less than 90 minutes, and concentrating the resulting liquid.

1,642,321. REFRIGERATING APPARATUS. JOHN J. BATTERMAN, Dedham, Mass., assignor to Vacuum Refrigerating Company, a Corporation of Massachusetts. Filed Jan. 12, 1926. Serial No. 80,806. 15 Claims. (Cl. 62-178.)

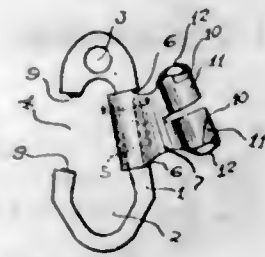


1. A method of refrigeration consisting in producing and maintaining a high vacuum above the level surface of a liquid in a sealed container and simultaneously drawing in by suction from the atmosphere normal air at a point below the liquid level admitted through a minute orifice to agitate and disseminate said air through the liquid, the ratio of air disseminated to the full exhausting capacity of the pump being a small fraction of one per cent.

1,642,322. DETACHABLE LINK. ALWIN H. BECK and EDWIN S. MIX, Rochester, N. Y., assignors to Hickok Manufacturing Company, Inc., Rochester, N. Y., a Corporation of New York. Filed July 22, 1926. Serial No. 124,250. 5 Claims. (Cl. 24-239.)

1. A detachable link comprising a body member formed with an opening and throat leading from one side of the opening, a closure for the throat mounted to swing on

the body about an axis extending longitudinally of the link on that side of the opening opposite the throat, and interlocking means arranged on opposite walls of the throat and the opposite sides of the closure for holding



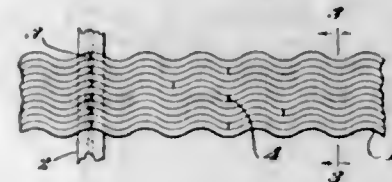
the closure in a closed position, said interlocking means comprising rigid projections on the walls of the throat and openings in opposite sides of the closure in which the projections are adapted to enter.

1,642,323. INCUBATOR EGG TRAY. FRANK BECKER, Jr., Mount Carroll, Ill. Filed Jan. 27, 1927. Serial No. 163,989. 2 Claims. (Cl. 119-44.)



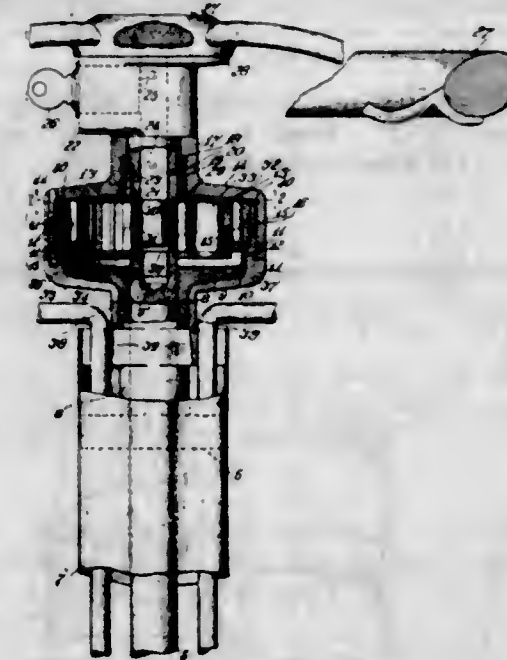
1. In an egg tray of the character described, a frame consisting of a pair of side boards and end boards, one of said side boards being provided with a longitudinal channel at its inner surface and upper edge, a pair of bars constructed for superposed arrangement within said channel, said bars being formed at their lower edges with notches, while the inner face of the other board is provided with transversely aligned sockets with the notches of the bars, means for removably securing the bars in the channel, an endless belt arranged around spaced rollers between the sideboards, means for moving said belt, and egg spacing bars adapted for arrangement at their inner ends beneath the notches of the upper or lower bar carried by one of said side boards and within the sockets at the inner face of the other board respectively.

1,642,324. FLOOR CONSTRUCTION. CHARLES J. BECKWITH, Brooklyn, N. Y., assignor, by mesne assignments, to Johns-Manville Corporation, New York, N. Y., a Corporation of New York. Filed Aug. 9, 1926. Serial No. 127,980. 1 Claim. (Cl. 20-6.)



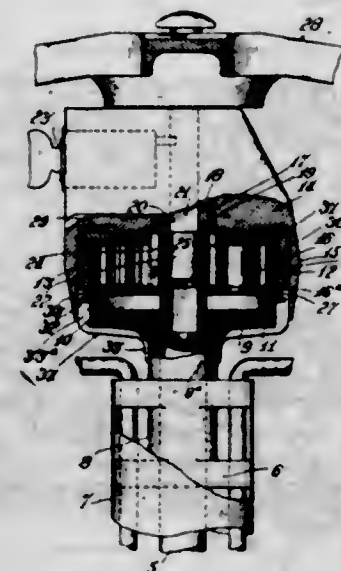
A floor comprising beams and narrow comparatively deep strips of cement-bonded asbestos fiber spanning spaces therebetween, said strips having longitudinally undulated surfaces in mutually interfitting engagement, the strips being so shaped that a plane tangent to successive re-entrant areas upon one side thereof will cut the surface upon the opposite side between said re-entrant areas, certain of the strips having their ends in juxtaposed relation to form breaks between beams, these strips being held in place by the interlocking engagement of their undulated surfaces with similar surfaces of adjoining strips.

1,642,325. LOCK. JOHN B. BLEOO, Chicago, Ill. Filed Jan. 16, 1922. Serial No. 529,774. 21 Claims. (Cl. 70-129.)



19. In combination with a housing cover adapted to fit over and cover the housing of the planetary gearing of a steering gear; of a divided bottom member fitted within the lower end of said housing cover.

1,642,326. LOCK. JOHN B. BLEOO, Chicago, Ill. Filed Nov. 17, 1922. Serial No. 601,626. 20 Claims. (Cl. 70-129.)

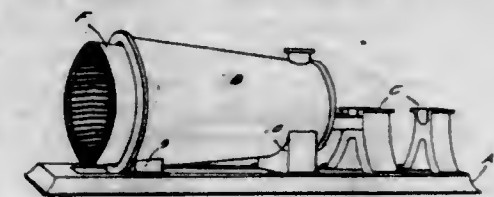


1. In combination, wheel, a shaft, a housing, means in said housing for connecting said shaft and wheel, said housing comprising annularly spaced sections, an annulus arranged between said sections, and means encompassing one of said sections and engaging said annulus.

1,642,327. REMOVABLE LINING SHELL FOR JORDAN ENGINES. ARCHER LE ROY BOLTON, North Andover, Mass., assignor to John W. Bolton and Sons, Inc., Lawrence, Mass., a Corporation of Massachusetts. Filed June 29, 1922. Serial No. 571,720. 18 Claims. (Cl. 92-27.)

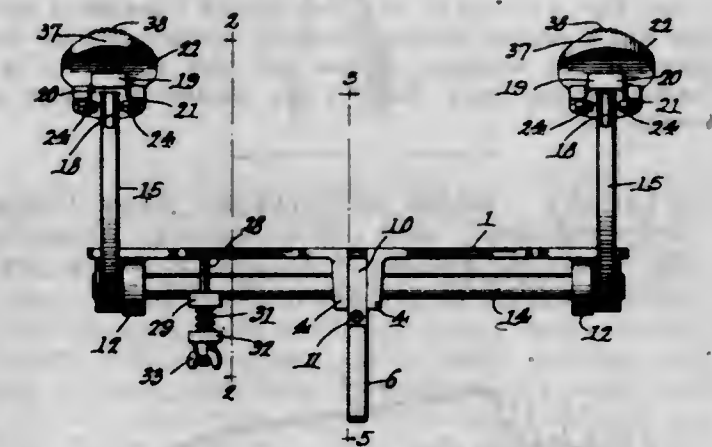
1. In a Jordan engine having a permanent shell, the combination of a bodily removable lining shell, comprising

a case of thin rolled steel of high tensile strength of a shape to fit inside said permanent shell, knives and



wooden separators fitted to the inside thereof, said knives being spot welded to the case, and means to fasten the lining shell and permanent shell detachably together.

1,642,328. FOOT REST. HENRY BORGMANN, Washington, D. C. Filed July 29, 1926. Serial No. 125,799. 1 Claim. (Cl. 15-265.)



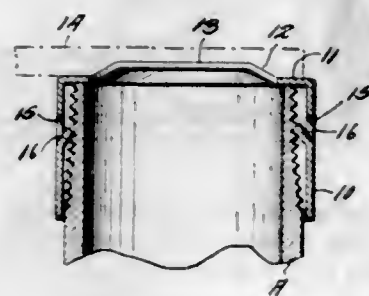
In a stand of the class described, a support, a foot rest, rotatable mena on the support for mounting the foot rest for movement between a raised operative position and a lowered inoperative position, releasable interengageable latch elements respectively carried on the rotatable means and on the support, and cooperating to hold the foot rest in raised operative position, a friction brake engaging the rotatable means to retard the downward movement of the foot rest from raised operative position to lowered inoperative position when said latch elements are disengaged, and mechanism for adjusting the brake to regulate the aforesaid retarding action of the brake.

1,642,329. SAFETY TRAY RAIL. FREDERICK LEWIS BROWN, West Palm Beach, Fla. Filed Oct. 11, 1926. Serial No. 140,933. 2 Claims. (Cl. 186-1.)



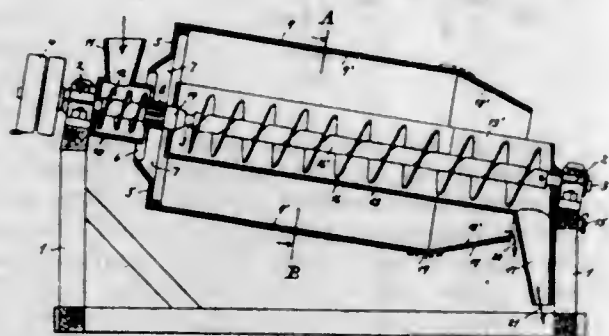
1. A track for food trays in cafeterias, comprising intermediate and outer rails, said outer rails from the ends thereof, being channeled to provide tread surfaces and side shoulders, the tread surfaces being in a plane with that of the intermediate rails, and the tread surface of the side rails and the intermediate rails being gradually inclined upwardly from the ends to the corners of the track, for the purpose set forth.

1,642,330. PIPE-THREAD PROTECTOR. BENJAMIN BROWNSTEIN, Ellwood City, Pa. Filed June 8, 1926. Serial No. 114,460. 3 Claims. (Cl. 137-91.)



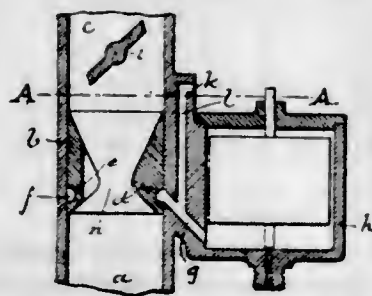
1. A pipe thread protector having a cup-shaped body of relatively thin metal adapted to be placed over and enclose the end of a pipe, the body being formed with inwardly extending tongues adapted to engage the thread of the pipe, one end of said body having a marginal portion and a central portion extending outward beyond the plane of the marginal portion and this outwardly extended portion being diametrically slotted to receive a wrench bar.

1,642,331. GRAIN SEPARATOR. FRITZ BUNSE, Hesperinghausen, near Niedermarsberg, Germany. Filed Aug. 26, 1926, Serial No. 131,751, and in Germany Aug. 27, 1925. 4 Claims. (Cl. 209-95.)



1. A grain separator comprising in combination a rotatable cylindrical drum having recesses in its inner surface for receiving the grains and an extension at the delivery end of the drum also having recesses on its inner surface which extension decreases in diameter to the delivery end thereof, as and for the purpose set forth.

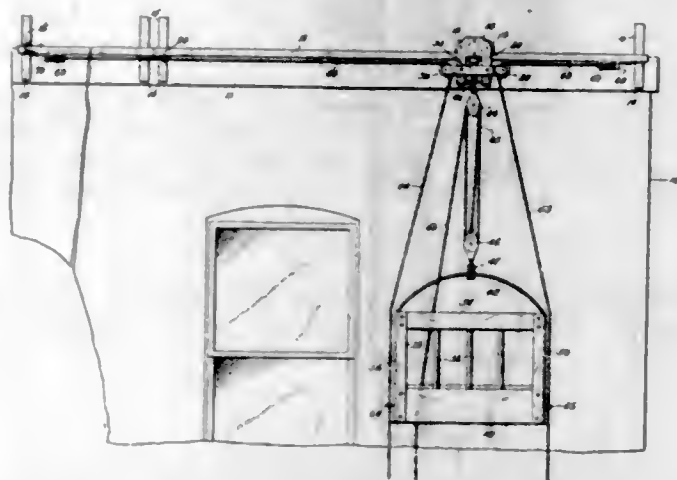
1,642,332. VENTURI FOR CARBURETORS. CARL CARLSSON, Stockholm, Sweden. Filed Nov. 9, 1925. Serial No. 67,862, and in Sweden Nov. 29, 1924. 2 Claims. (Cl. 261-40.)



1. A venturi for carburetors and the like, consisting of an exteriorly cylindrical ring, interiorly hollowed out by a double-conical cavity, and provided with longitudinal air channels communicating with said cavity, fuel supply

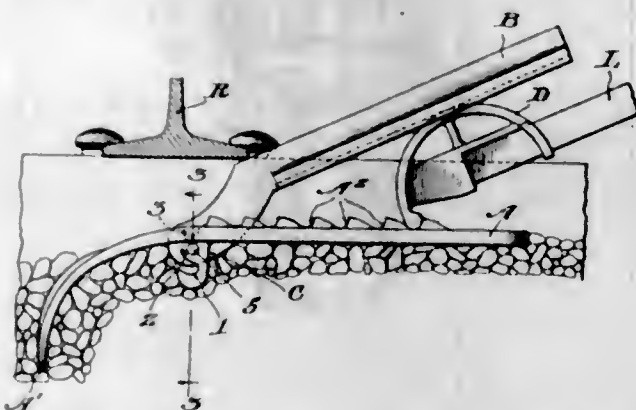
holes piercing the wall of the venturi, said fuel supply holes being arranged in two rows, one of said rows opening into said longitudinal channels, and the other row directly into the narrower part of said double-conical cavity in the interstices between said longitudinal channels.

1,642,333. PAINTER'S SCAFFOLD. ANTONIO DAMORE, Brooklyn, N. Y. Filed Dec. 30, 1925. Serial No. 78,351. 5 Claims. (Cl. 304-17.)



2. In a scaffold the combination with a roof attachable trackway, of a carrier comprising a frame having upright side arms, trackway engaging wheels journaled in the upper ends of said arms, side webs connecting the ends of said arms at the top of the frame, derailing guards disposed on said webs and under the trackway, bottom straps connecting the lower ends of said arms transversely of the frame, a brace bar connecting said straps longitudinally of the frame, a support suspended from said brace bar, and means for moving said carrier along the trackway.

1,642,334. TRACK LINER. CLARKSON A. DISBROW, New Rochelle, N. Y., assignor to The Rail Joint Company, New York, N. Y., a Corporation of New York. Filed July 17, 1923. Serial No. 652,142. 2 Claims. (Cl. 254-43.)

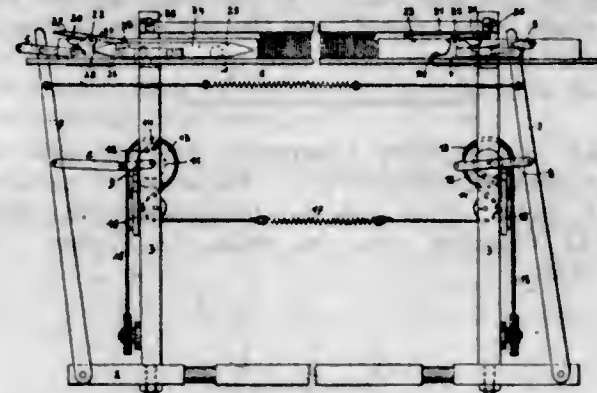


1. A track lining device including a base having below the same a plurality of bearings at different elevations, a vertically adjustable track throwing lever having a pivot engaging any of said bearings.

1,642,335. POWER WEAVING LOOM. FRIEDRICH EILHAUER, Neustadt, Germany. Filed Dec. 1, 1923. Serial No. 678,063, and in Germany Dec. 1, 1922. 8 Claims. (Cl. 139-145.)

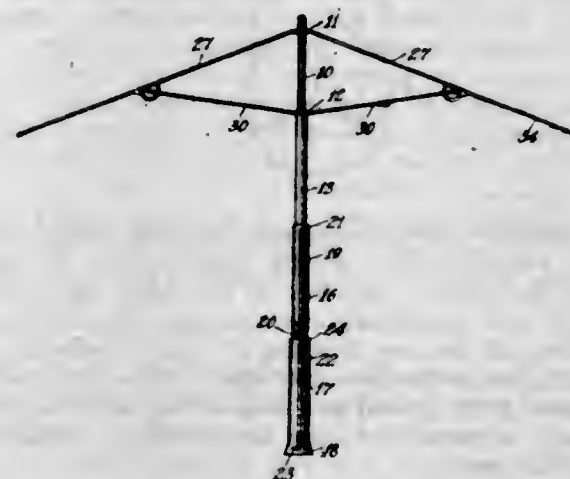
1. In a loom of the fly motion type the combination of a shuttle propelled across the loom free from engagement with any propelling means, mechanisms on the picker for

catching the shuttle, of mechanisms on the picker and shuttle for coupling the shuttle with said picker at the



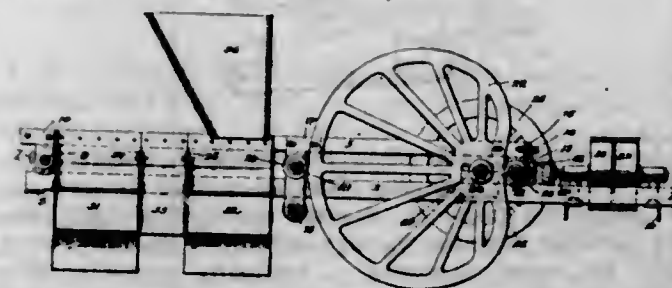
Impact of the shuttle against said picker, and of mechanisms on the lay for uncoupling said shuttle from said picker at the throwing of said shuttle.

1,642,336. COLLAPSIBLE UMBRELLA. GUSTAV FRIEDRICH, Madison, N. J. Filed May 27, 1925. Serial No. 33,088. 1 Claim. (Cl. 135-25.)



An umbrella frame comprising a pair of rings, a handle bar supporting said rings, ribs extending radially from said rings, said ribs comprising two members, a rib member attached to the ring and an end rib member pivotally attached to the outer end of said rib, supporting ribs for supporting the outer ends of the first-named rib sections, the two members forming a rib being placed end to end and pivotally connected, a semi-circular ring pivotally connected to the mutually adjacent ends of the rib sections, the supporting ribs having slots therein serving as a passage for the semi-circular rings, the end of said slot being adapted to form a stop for the ring members when the latter are supporting the end rib sections in used position said ring member serving as a brace for supporting the end rib section in angular extended position.

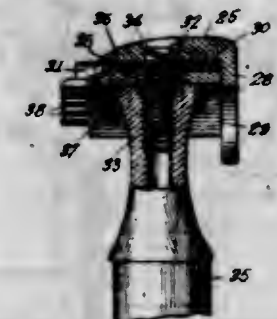
1,642,337. ORE-SAMPLING MACHINE. OWEN H. GRAY and CHARLES E. MURDOCK, Salt Lake City, Utah. Filed Apr. 9, 1924. Serial No. 705,270. 1 Claim. (Cl. 73-21.)



In an ore sampling machine, the combination of a suitable base provided with tracks, a truck or carriage mounted for reciprocation on said tracks, a plurality of

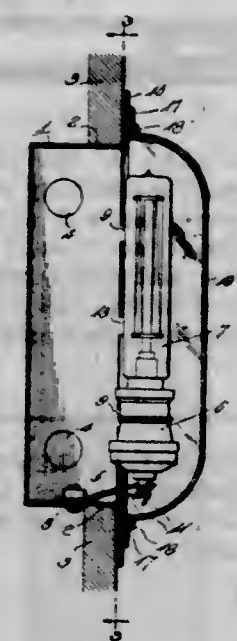
chutes secured to and movable with the carriage, one of said chutes being relatively small and discharging in a direction away from the direction of discharge of the other chutes, and a cam co-operating with the carriage to impart reciprocating motion thereto, said cam being so formed and proportioned as to effect a uniform rate of movement of the carriage as the smaller chute is passing through the stream of ore to be sampled.

1,642,338. SAFETY RAZOR. JOHN HOLTZMAN, New York, N. Y. Filed Nov. 7, 1925. Serial No. 67,485. 4 Claims. (Cl. 30-12.)



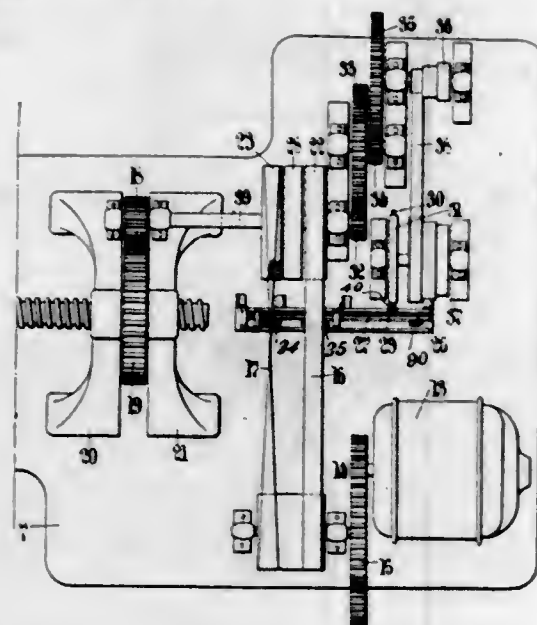
1. In a safety razor, the combination of a flexible single edged, singly apertured blade, a holder plate curved in the direction of its length for said blade, a guiding flange integral with said holder, flat arcuate projections on said flange, a guard plate corresponding in curvature to said holder having a single central aperture, a stud extending radially from said holder, and a handle engaging said stud to clamp said blade intermediate said holder and guard, said guard being guided by direct contact with the flange of said holder while said blade is gradually flexed to its operative position.

1,642,339. WALL LIGHT. MILLER I. KAST, Harrisburg, Pa. Filed July 23, 1926. Serial No. 124,490. 4 Claims. (Cl. 240-73.)



1. In an electric light, an outlet box of major length in a vertical direction and mounted in a wall and having an open front substantially flush with the face of the wall, a lamp supporting means carried by and projecting through the open front of the box at the base thereof and constructed and arranged for vertically supporting a lamp close to but with its bulb lying wholly in advance of and parallel with the face of the wall, and a lens closing the front of the box and surrounding the front and sides of the lamp and operative to reflect the light rays forward, upward, downward and beyond both sides of the lamp in advance of the face of the wall.

1,642,340. MACHINE FOR PLACING, PRESSING, AND DRYING END CAPS ON PAPER ROLLS. WALFRID LJUNGSTRÖM, Matfors, Sweden. Filed Nov. 21, 1925, Serial No. 70,644, and in Sweden Oct. 2, 1924. 31 Claims. (Cl. 216-9.)



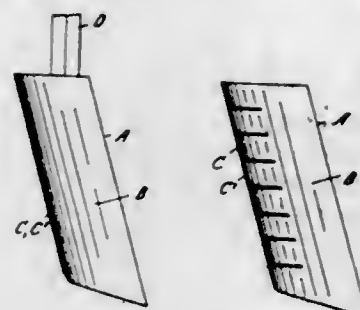
1. A machine for use in pressing on the end caps of paper rolls enclosed in paper wrapping, comprising a fixed press head, a movable press head, mechanism for moving said movable press head towards said fixed press head for the purpose of pressing the end caps on a paper roll placed between said press heads, and an automatic stop motion for arresting the forward movement of said movable press head.

1,642,341. SAFETY BLASTING CARTRIDGE. PATRICK T. McLAUGHLIN and WILLIAM ANDERSON, Miami, Okla. Filed Oct. 15, 1925. Serial No. 62,582. 4 Claims. (Cl. 102-6.)



1. An explosive cartridge of the character described comprising an outer shell, a relatively long rigid plug disposed in and permanently engaged with one end of the shell and having a passage for a fuse, a mass of explosive material disposed within said shell behind the plug, and a detonating cap disposed in one end of the mass of explosive material and having a fuse extending out through said fuse passage.

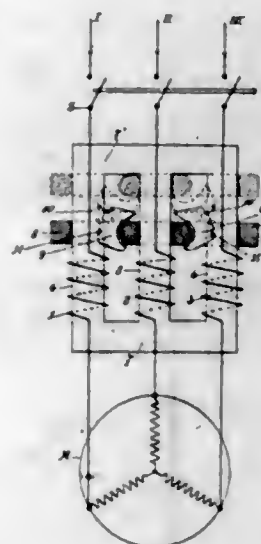
1,642,342. AGRICULTURAL IMPLEMENT. JOSEPH RUTNATH, Wittlage, Germany. Filed Apr. 20, 1926, Serial No. 103,384, and in Germany Sept. 23, 1924. 1 Claim. (Cl. 97-225.)



An agricultural implement for cultivating the soil, comprising in combination a body having a forwardly and substantially vertical cutting edge and two rearwardly and laterally extending wings bent hollow in longitudinal

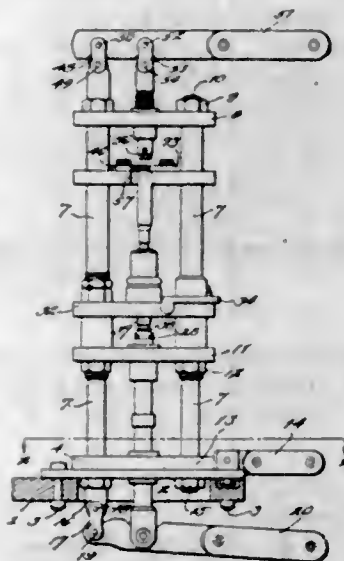
direction so that the cavity is turned towards the cutting edge in order to push to two sides and to crumble the earth which has been cut out by the edge, the rear edges of the wings being indented and the teeth bent alternately in opposite directions.

1,642,343. INDUCTIVE LIMITING DEVICE FOR ALTERNATING CURRENTS. FRANCESCO RAIMONDI, Milan, Italy. Filed Aug. 11, 1925, Serial No. 49,674, and in Germany Aug. 26, 1924. 8 Claims. (Cl. 171-242.)



1. An inductive electro-magnetic limiting device comprising a magnetic core having three arms; a metal cross-piece for each of the ends of the arms; an exciter winding for each arm of said core; a triple ring surrounding the arms of the core forming a reaction winding; a plurality of pins on the two outer arms of the core; and a pair of metal parts guided and cooperating with the pins on the outer arms of the core for effecting a magnetic shunt for the core.

1,642,344. CARTRIDGE-RELOADING MACHINE. ERNEST P. SPENCER, Gramplan, Pa. Filed Dec. 2, 1925. Serial No. 72,775. 7 Claims. (Cl. 86-23.)



1. In a device of the character described, upright supporting members, transverse elements carried by said upright supporting members, a lever operated plunger vertically movably mounted through certain of the lower ones of said transverse elements, a vertically movable lever operated plunger slidably mounted through certain of the upper transverse elements, a gate member carried by the upright members, and means carried by said gate member for receiving and holding a cartridge shell, said means

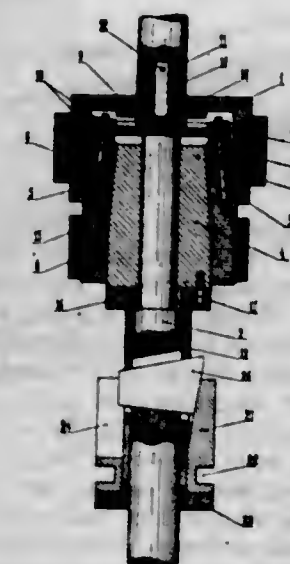
comprising a chambered element having a chamber therein corresponding to the size and shape of the cartridge to be loaded, means carried by the gate member and normally engaging beneath the chamber member for supporting a cartridge shell therein, and means connected with the upper plunger movable into the chamber member for forcing a projectile into the shell.

1,642,345. ELECTRICAL CONNECTER. JASPER BENNETT TELFORD, Peckville, Pa., assignor of forty one-hundredths to Henry R. Harbottle, Scranton, Pa. Filed Aug. 25, 1926. Serial No. 131,400. 3 Claims. (Cl. 173-324.)



1. An electrical connector comprising a body member formed of conducting material and having a bore or passageway formed therein for the reception of a wire or wires, said bore or passageway being of elliptical form in cross section and having an aperture in its upper wall, a longitudinally disposed clamp plate located in the upper portion of the bore or passageway, an upstanding pin carried by the clamp plate and extending through the aperture to prevent lateral or longitudinal movement of said plate, and a set screw or screws threaded through said upper wall and adapted to bear upon the plate to effectively clamp the wire or wires in the bore or passageway.

1,642,346. CHANGE-SPEED GEAR FOR ROTATION IN TWO DIRECTIONS AND WITH DIRECT COUPLING, NEUTRAL POSITION, AND BRAKE. HENDRICUS FRANCISCUS HUBERTUS UYTJENS, Spaubeek, Netherlands. Filed Apr. 12, 1926, Serial No. 101,515, and in the Netherlands Mar. 16, 1926. 2 Claims. (Cl. 74-34.)



1. In a variable speed transmission for rotation in two directions and with direct coupling, neutral position and brake, comprising a driven member and a driving member, a conical member slidably mounted upon one of the first named members, a cage surrounding partly said conical member and rotatably mounted upon the same member as said conical member, a drum mounted upon the other of the first named members, and surrounding said cage, revoluble anti-friction members carried by said cage and continuously contacting with the inner surface of the drum and means for shifting the said conical member in the length direction of the member for pressing the said

anti-friction members more or less against the inner surface of the said drum for changing the ratio of speed of rotation of one member with relation to the other.

1,642,347. BEARING. HARRY M. WILLIAMS and ALFRED L. BOEGHOLD, Dayton, Ohio, assignors to General Motors Research Corporation, Dayton, Ohio, a Corporation of Delaware. Filed Aug. 17, 1922. Serial No. 582,550. 3 Claims. (Cl. 75-1.)

1. The process which comprises intimately mixing finely divided copper, tin, and salicylic acid; compressing the mixture into the desired form under a pressure of about 80,000 lbs. per sq. in., and heating the resultant formed article to about 675° C. in a non-oxidizing atmosphere.

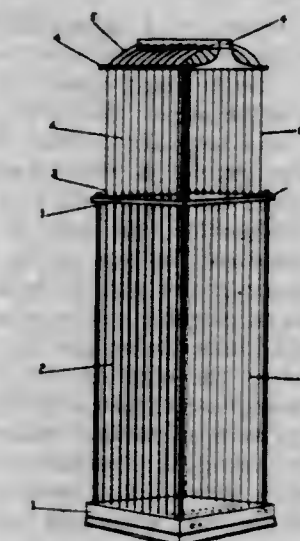
1,642,348. ALLOY STRUCTURE. HARRY M. WILLIAMS and ALFRED L. BOEGHOLD, Dayton, Ohio, assignors to General Motors Research Corporation, Dayton, Ohio, a Corporation of Delaware. Filed Jan. 19, 1923. Serial No. 613,780. 5 Claims. (Cl. 75-1.)

1. A process comprising intimately mixing finely divided alloyable metals, and finely divided material that volatilizes under heat, compressing the mixture into a desired form, and heating in the presence of a volatile flux to a temperature sufficient to cause alloyage of the metals.

1,642,349. ALLOY STRUCTURE. HARRY M. WILLIAMS and ALFRED L. BOEGHOLD, Dayton, Ohio, assignors to General Motors Research Corporation, Dayton, Ohio, a Corporation of Delaware. Filed Apr. 18, 1923. Serial No. 633,012. 9 Claims. (Cl. 75-1.)

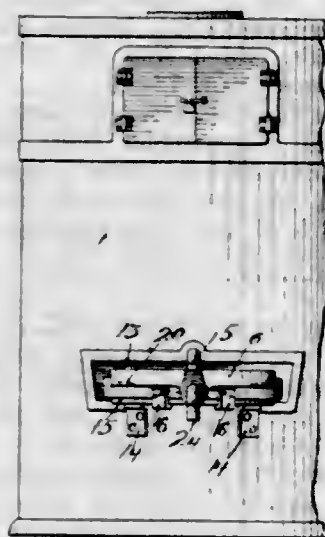
1. The process of producing bearing materials which comprises intimately mixing finely divided alloyable metals and a finely divided non-alloying material of itself capable of decomposing at high temperature to give off a non-corrosive volatile substance and to leave, as the result of its disintegration, a residue capable of acting as a supporting filler for the bearing material; compressing the mixture; and heating under non-oxidizing conditions to cause the said decomposition and also alloying of the metals.

1,642,350. TELESCOPING RADIO LOOP OR ANTENNA. LEONARD ADAMS, Buffalo, N. Y. Filed Feb. 6, 1926. Serial No. 86,644. 8 Claims. (Cl. 250-33.)



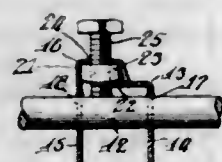
1. A radio tuning device, comprising a plurality of co-acting members, each provided with an insulated portion forming a section of a loop, extending segmental-portion of such members being so formed that when the members are brought into contact with each other, they will telescope each other, whereby the length of the loop thus formed may be varied as desired.

1,642,351. METAL FURNACE. WALTER ALDERDICE, Brooklyn, N. Y., assignor to Alfred W. Channing, Inc., New York, N. Y., a Corporation of New York. Filed Sept. 17, 1926. Serial No. 136,026. 14 Claims. (Cl. 263—11.)



1. A metal furnace having a casing and a metal pot therein a stationary member associated with the metal pot for conducting the molten metal to the casing of the furnace, a movable trough member having a chamber arranged to receive the molten metal from said stationary member, and a pouring spout to receive the molten metal from said chamber.

1,642,352. BRACKET. JOSEPH ALSFASSER, Chicago, Ill. Filed July 23, 1924. Serial No. 727,619. 1 Claim. (Cl. 126—295.)

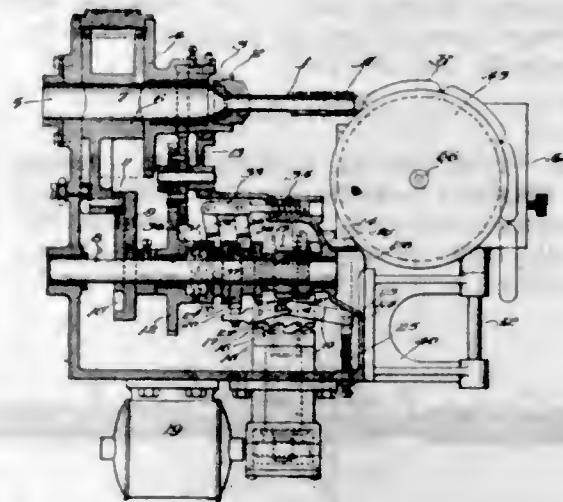


A bracket, said bracket being substantially U-shaped, one leg of the U providing means for securing the bracket in place, both legs of the U being apertured to permit a rod to be passed therethrough, the portion of the U which connects the legs together having an offset and forming with the adjacent leg a channel-shaped portion to receive and hold a nut against rotation, a threaded nut in said channel-shaped portion, the wall of the channel-shaped portion intermediate the legs of the bracket having a tongue for engaging the nut to hold said nut in the said channel-shaped portion and against separation from the bracket, said tongue being cut from the body of the U-shaped bracket in the wall of the channel-shaped portion which is intermediate the legs of the bracket and being extended approximately at right angles to the legs of the brackets, there being an aperture in the channel-shaped portion through which a bolt may be passed into engagement with the nut, and with said rod.

1,642,353. LENGTH CONTROL FOR SAUSAGE MACHINES. FRED C. AREY, Oak Park, Ill., assignor to Lewis J. Brainard, Chicago, Ill. Filed Nov. 28, 1924. Serial No. 752,588. 19 Claims. (Cl. 17—33.)

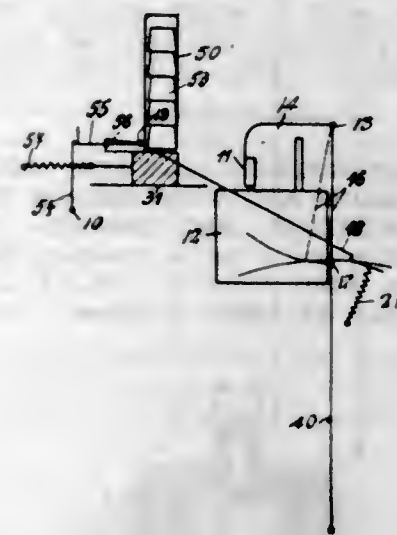
1. In combination, a rotatable tube for stuffing sausage meat into a casing telescoped thereon, a wheel mounted adjacent to said tube in position to be engaged at its

periphery and turned by a filled portion of the casing during the time sausage meat is entering the casing, mechanism for stopping the feed of the meat and causing



the tube to rotate, and mechanical means mechanically controlled by the rotating movement of said wheel for controlling said mechanism.

1,642,354. TEXTILE MACHINE. MAX AUERBACH, the Hague, Netherlands. Filed Dec. 17, 1924. Serial No. 756,576, and in Germany Oct. 17, 1924. 1 Claim. (Cl. 139—237.)

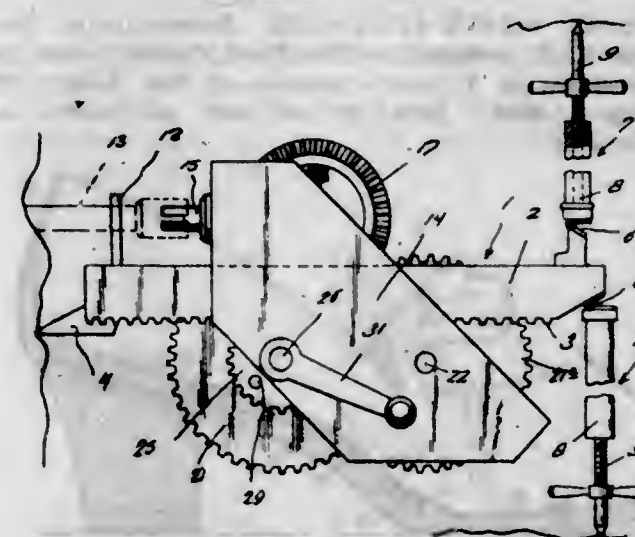


In a shuttle-changing device for looms, a lay, a weft-fork, a shuttle box, the front wall of said shuttle box being liftable, an actuating lever connected with said front wall, a hooked detent lever, a pawl, said pawl being releasable by the fork and adapted to hold the detent lever in raised position, said detent lever subsequently to the release of the pawl engaging the said actuating lever during the rearward beat of the lay, a stationary shuttle magazine having an open bottom, a feeder adapted to be moved by the forward beat of the lay for introducing the new shuttle into the shuttle box, and a detent arm connected with the hooked detent lever and adapted to be lifted by said detent lever, said arm being so positioned with respect to the feeder to hold said feeder in an intermediate position in which it closes the bottom opening of the shuttle magazine.

1,642,355. COAL DRILL. JOSEPH AVBELJ, Bridgeport, Ohio. Filed May 2, 1925. Serial No. 27,490. 1 Claim. (Cl. 255—46.)

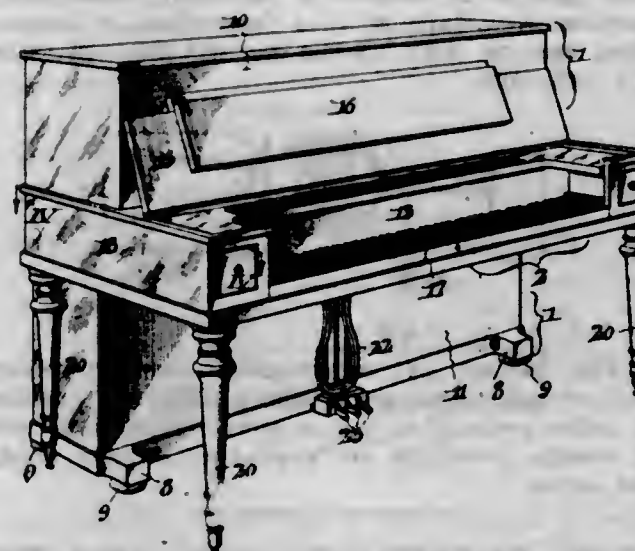
A coal drilling machine comprising in combination a hollow substantially rectangular shaped supporting frame having gear teeth formed thereon to constitute a rack, a drill carriage supported by and adapted for movement on said frame and having a gear wheel journaled therein

which interacts with the teeth of the supporting frame to constitute a lower bearing support, a drill holder journaled in said carriage, a drive shaft rotatably journaled therein, a train of gear wheels operatively connecting said drill holder and drive shaft, a train of gear wheels connecting said rack engaging gear wheel and the said drive



shaft, means for interconnecting said gear trains to simultaneously rotate said drill holder and feed the carriage at a speed proportionate to the cutting speed of the drill and for disconnecting the same to render said drill holder operative independently of said feed mechanism, all of the gear wheels of said trains being in constant mesh whether they are jointly or severally operated.

1,642,356. PIANO CONSTRUCTION. CLARENCE F. BREY, Philadelphia, Pa. Filed Jan. 12, 1925. Serial No. 1,767. 5 Claims. (Cl. 84—177.)

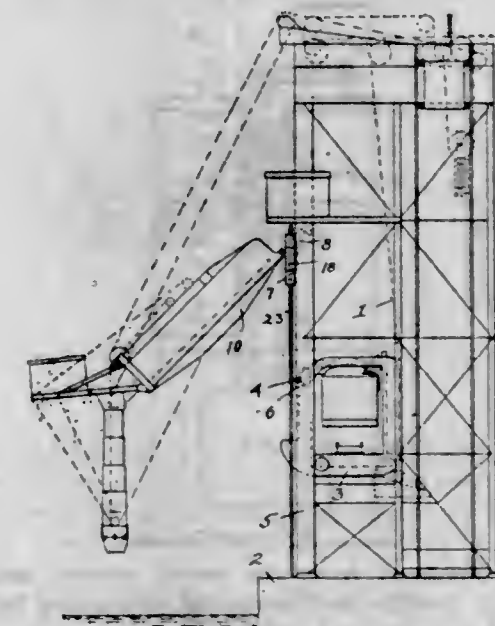


1. The combination, in a piano, of an upright action accommodating section embodying upper and lower halves with intervening side recessions, and a self-supporting horizontal section including the key-bed, said horizontal section having extended side cheeks interfitting the recessions in the upright section and, sustaining legs at the front corners and back ends of the side cheeks.

1,642,357. LIFTING CAR DUMPER. ARTHUR F. CASE, Cleveland, Ohio, assignor to The Wellman-Seaver-Morgan Company, Cleveland, Ohio, a Corporation of Ohio. Filed June 22, 1925, Serial No. 38,638. Renewed Mar. 3, 1927. 6 Claims. (Cl. 214—123.)

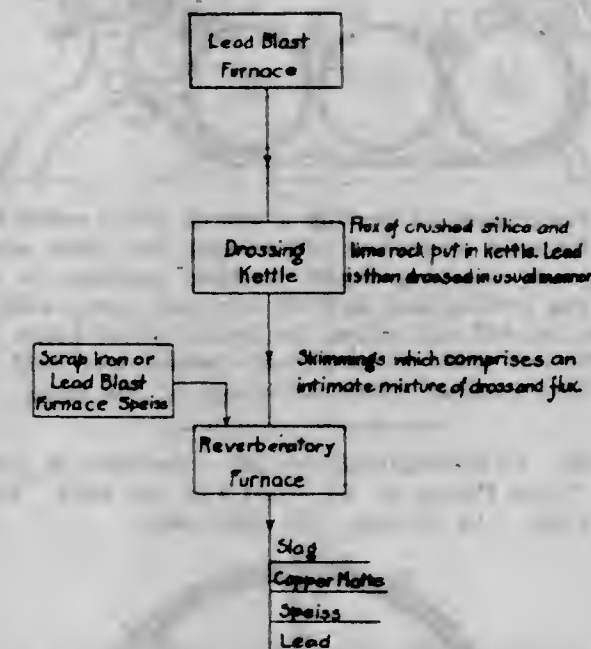
1. In a lifting dumper, a tower having guide columns at the front thereof, a cradle mounted for vertical move-

ment between said columns, a vertically adjustable pan girder having end portions movable along and bearing against the front faces of said columns, vertical guide



members on the inner sides of the columns, and guide members on the girder and cradle co-operating with the guide members on the columns.

1,642,358. METHOD OF TREATING LEAD DROSS. OLIVER PERRY CHISHOLM, Durango, Colo., assignor to American Smelting and Refining Company, New York, N. Y., a Corporation of New Jersey. Filed Apr. 17, 1926. Serial No. 102,633. 12 Claims. (Cl. 75—15.)

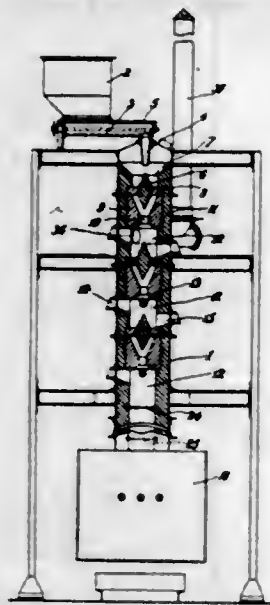


1. The process of treating impure lead dross to remove copper as a speiss, which consists in mixing the dross with fluxes and subjecting the same to a smelting temperature to promote the formation of a speiss containing copper and lead, and then replacing the lead with iron in said speiss without replacing the copper.

1,642,359. ELECTRIC FURNACE. DIRK CROESE, London, England. Filed Dec. 1, 1926. Serial No. 152,020, and in Great Britain Aug. 27, 1925. 4 Claims. (Cl. 204—64.)

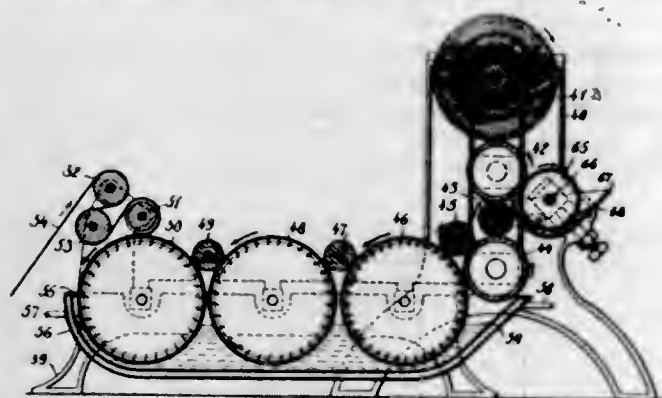
1. An electric furnace for the production of metals from their ores comprising a vertical retort having a pre-heating chamber at the top and a series of arc chambers through all of which chambers the material under

treatment is caused to fall by gravity, a deflecting element disposed near the base of each chamber, a crucible in



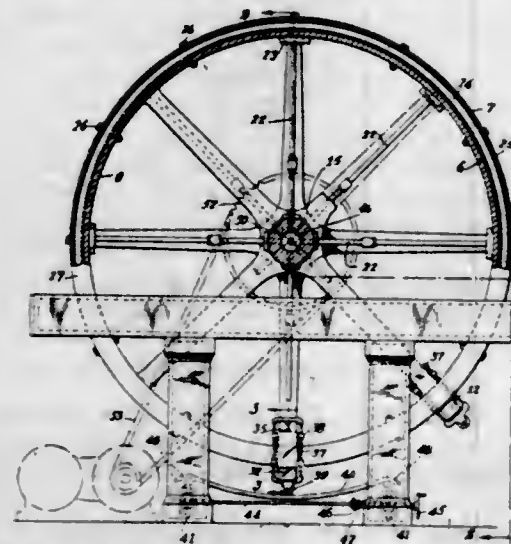
which the products from the retort collect, means for heating said crucible and means for preventing ingress of air to said crucible and retort.

1,642,360. CLOTH-TREATING PROCESS. CHARLES H. CROWELL, Brooklyn, N. Y. Filed May 25, 1923. Serial No. 641,349. 13 Claims. (Cl. 91-70.)



11. The process of treating a web of fabric which comprises laterally stretching and passing the fabric over a carrier roll, applying liquid treating material to said fabric and forcing said material into said fabric while on said carrier roll and rolling the damp treated fabric into a bundle roll while in peripheral contact with said carrier roll to prevent lateral shrinkage of the fabric.

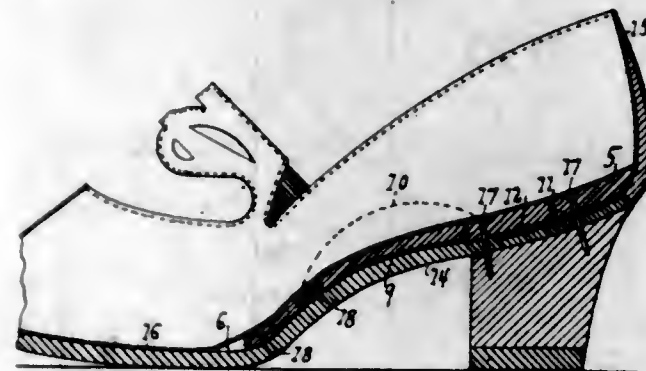
1,642,361. CYLINDRICAL DRIER. CHARLES H. CROWELL, White Plains, N. Y. Filed Jan. 10, 1925. Serial No. 1,519. 14 Claims. (Cl. 257-95.)



8. A rotary drier having a shallow peripheral steam chamber with a port opening through the side of the same, a valve chest in communication with said port, a

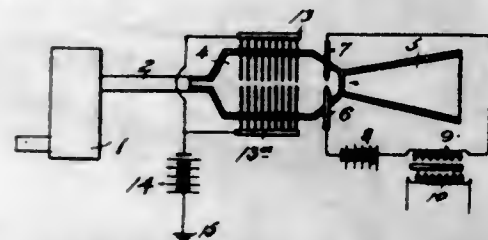
valve and valve seat in said chest and means for automatically operating said valve in the rotation of the drier, said valve having a stem projecting up through the top of the valve chest, a yoke connected with said stem and slidably supported at the side of the chest and an abutment engageable by said yoke in the rotation of the drier.

1,642,362. SHANK STIFFENER. ROBERT DAVIS, Brooklyn, N. Y., assignor to Elco Shoe Manufacturers, Inc., Brooklyn, N. Y., a Corporation of New York. Filed May 6, 1926. Serial No. 107,160. 2 Claims. (Cl. 36-76.)



1. A shank stiffener for a shoe comprising a bendable leather member having an arch portion and a heel portion, the said heel portion having a relatively rigid pad connected to the underside thereof, the said pad being shorter and narrower than the said heel portion, the arch portion of the said member having a resilient stiffening member connected thereto, the adjacent ends of the said stiffening member and of the said pad being spaced from each other, the said pad having a substantially flat surface adjacent the said bendable member and having sufficient rigidity to maintain said substantially flat surface under normal use.

1,642,363. TELEPHONE DEVICE. LEE DE FOREST, New York, N. Y., assignor to De Forest Phonofilm Corporation, New York, N. Y., a Corporation of Delaware. Filed Apr. 28, 1923. Serial No. 635,336. 20 Claims. (Cl. 179-101.)



1. The method of transforming electric potential variations into sound waves, which comprises passing a fluid under pressure by one or more terminals to which said electric potentials are applied to directly produce sound waves.

1,642,364. HAIR-RETAINING COMB. PETER EAGLE, Wallington, N. J. Filed Nov. 19, 1925. Serial No. 70,058. 5 Claims. (Cl. 132-23.)



1. A hair retaining comb comprising a body portion having teeth at one edge thereof, a clasp portion connected to said body portion partially overlying said teeth and

normally resiliently influenced away from and held in spaced relation to said body portion, said clasp portion being capable of being manually forced toward said body portion to clamp hair between them, and manually releasable means for holding said clasp portion in hair clamping relation to said body portion.

1,642,365. DWELLING INCINERATOR DOOR. HARRY F. FISHER, St. Paul, Minn. Original application filed July 26, 1924, Serial No. 728,442. Divided and this application filed Apr. 22, 1926. Serial No. 106,168. 11 Claims. (Cl. 193-34.)



1. A door for an incinerator in combination with a chimney connecting with a combustion chamber, a scoop-like door pivotally secured to said chimney, a passage leading from said door into said chimney and a guard-like safety door pivoted in the top portion of the sides forming said door passageway and adapted to be opened automatically upon the closing of said incinerator door.

1,642,366. RECEPTACLE. FREDERICK GOERTZ, Maplewood, N. J., assignor to August Goertz & Co., Inc., a Corporation of New Jersey. Filed Oct. 8, 1925. Serial No. 61,209. 19 Claims. (Cl. 132-83.)

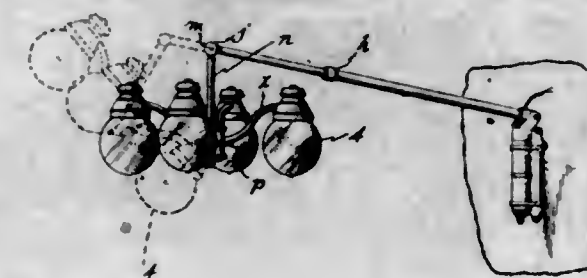


1. A receptacle comprising a body adapted to receive a powder, a retaining element within said body, said retaining element having a depressed centrally open portion forming a powder-delivery opening, said retaining element being further provided with depending lugs adjacent said opening, said lugs engaging with the base of the body and providing intermediate spaces for delivery of the powder to said opening, and agitator means freely movable in the bottom of said body between its slides and said lugs.

1,642,367. DENTAL LIGHT. JAY A. HAND and CHAUNCEY R. PELTON, Detroit, Mich., assignors to The Pelton & Crane Company, Detroit, Mich., a Corporation of Michigan. Filed July 15, 1925. Serial No. 48,782. 7 Claims. (Cl. 240-67.)

1. In a lighting fixture for the purpose specified, the combination of a hanger member, a cluster of lights supported on the end of the hanger member by a ball-and-

socket joint, a spring friction device co-operating with said ball-and-socket joint for supplying the friction necessary to hold the cluster of lights in any given position of adjustment, a telescoping rod, means for pivotally con-



necting said hanger to said rod and frictionally maintaining the hanger in any adjusted position, and a rotatable counterbalancing device for supporting and maintaining said rod in any adjusted position.

1,642,368. POST CONSTRUCTION FOR VEHICLE BODIES. LEO I. HEINTZ, Philadelphia, Pa., assignor to Heintz Manufacturing Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Sept. 16, 1925. Serial No. 56,620. 9 Claims. (Cl. 296-28.)

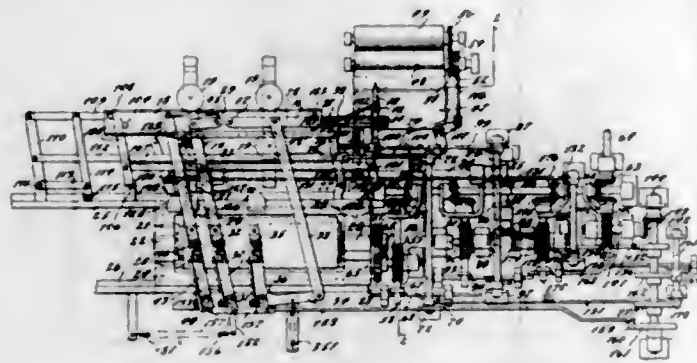


1. A front corner post for vehicles, comprising, in combination, a metallic member of channel-shape and having lateral flanges, and a second channel-shaped metallic member secured to said lateral flanges, both of said members extending substantially the full height of said post, the side walls of the second member extending across the ends of the lateral flanges and parallel with the side walls of the other member.

1,642,369. WRITING AND DRAWING APPARATUS. JAMES G. HENDRICKSON, Bayonne, N. J. Filed Dec. 8, 1922. Serial No. 605,629. 4 Claims. (Cl. 33-18.)

1. In a writing or drawing apparatus, a pen, means to support and move the pen longitudinally of and vertically to the line of writing and to lift and lower the pen from the writing-receiving surface, said means including a cam cylinder having a plurality of sets of cam grooves

therein, each set being adapted to move the pen over a predetermined path to write the desired words in a line, means to shift the cylinder longitudinally at the completion of each line of writing to bring a different set of cam grooves into operative position, and means to rotate the cylinder between shifts.



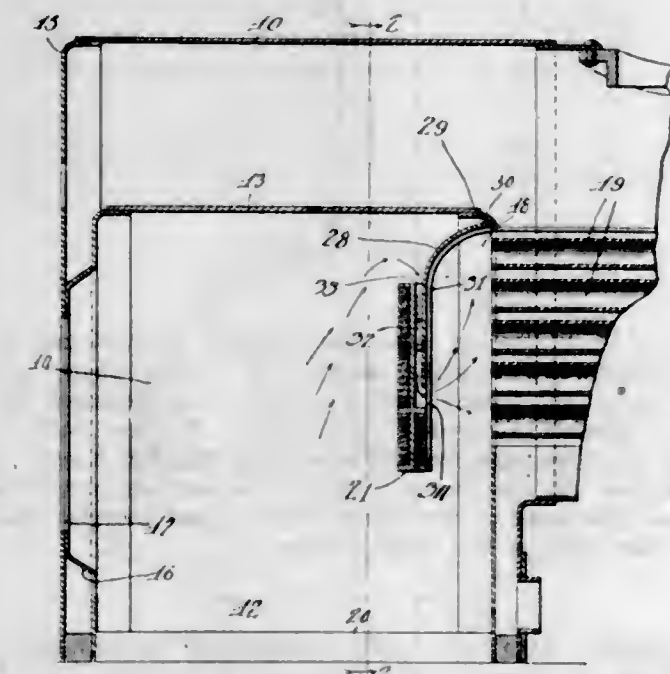
1,642,370. FUNGICIDE CONTAINING COPPER AND METHOD OF MAKING THE SAME. JOHN D. JENKINS and EUGENE F. BERGER, Milwaukee, Wis., assignors to Pittsburgh Plate Glass Company, a Corporation of Pennsylvania. Filed Nov. 17, 1925. Serial No. 69,702. 14 Claims. (Cl. 167-6.)

1. A fungicide material in solid form, comprising a cuprous compound mixed with a soluble organic compound, and in a state of sub-division such that when the material is dissolved in water the cuprous compound remains in relatively stable suspension.

4. A fungicide, comprising a colloidal dispersion of a cuprous oxide and metallic copper in the presence of soluble organic material.

14. The process of producing a copper fungicide comprising mixing a copper compound with a reducing agent adapted to induce the formation of cuprous oxide, adding a protective colloid and drying the mixture.

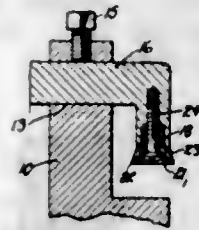
1,642,371. BAFFLE PLATE FOR BOILER FIRE BOXES. CARL E. JOHNSON, Chicago, Ill. Filed Oct. 16, 1924. Serial No. 743,863. 12 Claims. (Cl. 110-93.)



1. In combination with a boiler, of a fire box therefor having an arch-shaped top, a plurality of flues extending from said fire box through said boiler, a plurality of baffle plates pivoted to the side walls of said fire box for baffling said fire box from said flues and means formed

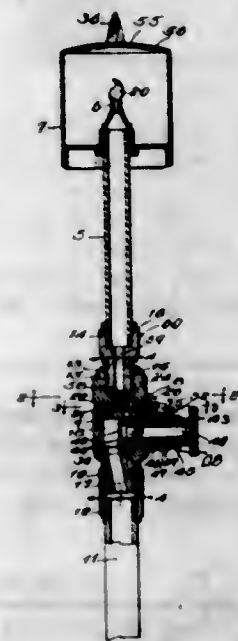
on the top of said baffle plates and conforming to the arch-shaped top of said fire box whereby said baffle plates may be swung to a position parallel with the sides of said fire boxes.

1,642,372. CUTTER. GUSTAV KERNATS, Chicago, Ill., assignor of one-half to Fred Wissinger, Chicago, Ill. Filed Nov. 16, 1925. Serial No. 69,542. 2 Claims. (Cl. 144-219.)



1. A cutting device, including in combination, a disk having apertures therein, a bit holder secured in said apertures, and comprising a shank portion, and a knee extending at an angle to said shank portion, and a circular bit adjustably mounted on said knee.

1,642,373. LIGHTING DEVICE. OSCAR J. LEINS, Milwaukee, Wis., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis., a Corporation of Wisconsin. Filed Aug. 2, 1926. Serial No. 126,541. 7 Claims. (Cl. 67-4.)

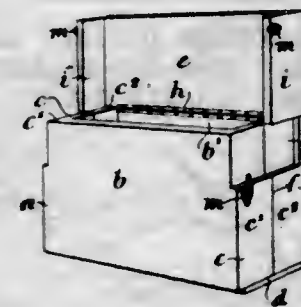


1. In a lighter, the combination of a valve casing, a lighter tube connected therewith, a lighter head on said tube, means controlled by relative adjustment between the tube and casing for regulating the fuel supply to the lighter head, said casing having means permitted a restricted supply of fuel to said tube and a plunger valve mounted in said casing and operable to increase the fuel supply to the tube.

1,642,374. LUNCHEON OR PICNIC BOX OR CASE. WILLIAM FRANCIS MAY, Thornton Heath, England, assignor of one-half to James Adams Keene, London, England. Filed Aug. 20, 1926. Serial No. 130,375, and in Great Britain July 23, 1926. 5 Claims. (Cl. 190-12.)

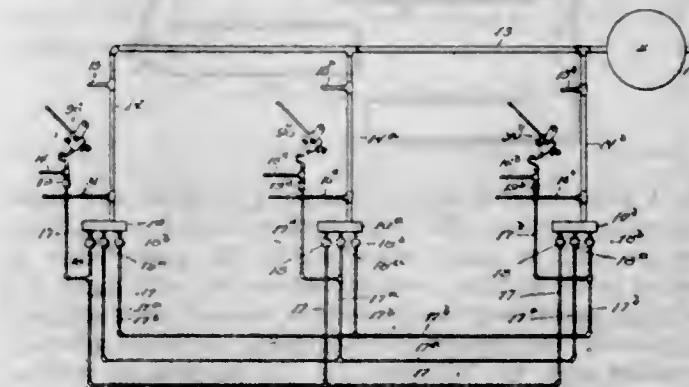
1. A luncheon or picnic box or case comprising a series of sections including two pairs of parallel sections, said sections being hinged together so that their exterior surfaces can be brought into one plane to form a table, a plurality of said sections being provided at opposite ends

with perpendicular sections rigidly secured thereto, and depending equal distances therefrom when said hinged sections are arranged in a plane, and forming the only



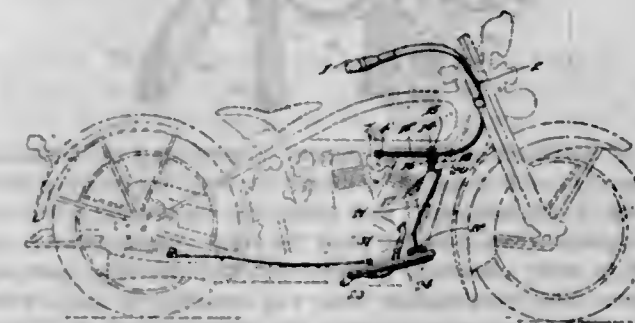
supports for the table, said perpendicular sections having meeting edges and forming the remaining opposite sides of the box or case when in closed position.

1,642,375. PNEUMATIC CONTROL FOR BATTERIES OF AUTOMATIC PRESSES. CHARLES D. McDONALD, Chicago, Ill., assignor to McDonald Machine Co., Chicago, Ill., a Corporation of Illinois. Filed Jan. 24, 1927. Serial No. 163,114. 5 Claims. (Cl. 303-6.)



2. Selective stopping means for individual presses of a battery of automatic die presses, comprising individual, pneumatically operated press stopping mechanism, for each press, a main air line leading to each press, a group of branch air lines leading from each main air line at a place adjacent each press, an air valve on each branch air line, the air valves being located adjacent the presses, one branch air line of each group leading to the press stopping mechanism of the press associated with the main air line of the group, and the other branch air line of the group leading, respectively, to the other presses of the battery.

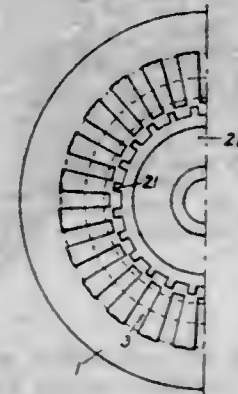
1,642,376. FOOT ACCELERATOR FOR MOTOR CYCLES. DONALD MCDUGALL, Newark, N. J. Filed Nov. 12, 1926. Serial No. 147,887. 9 Claims. (Cl. 74-39.)



1. In a motorcycle, the combination with a gas control, of means normally holding said control closed, a

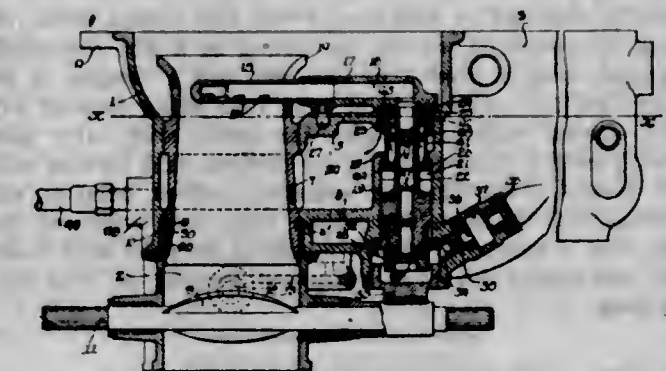
laterally projecting pedal mounted to fold idly toward the motorcycle, and means for transmitting depressive motion of said pedal to said control to open the same.

1,642,377. TELEPHONE TONE MACHINE. THOMAS G. MEINEMA, Chicago, Ill., assignor to The Holtzer-Cabot Electric Co., Chicago, Ill. Filed Mar. 5, 1927. Serial No. 172,982. 15 Claims. (Cl. 179-84.)



1. A tone machine for a telephone switchboard system comprising a stator having a plurality of poles, an exciting winding therefor, at least one tone winding having one end connected to the system battery and the other end leading to a suitable switching point including a subdividing signal apparatus and a rotary inductor cooperating with said stator pole pieces to produce magnetic flux changes therein whereby a tone current is set up in said tone winding.

1,642,378. CARBURETOR. FRANK C. MOCK, CHARLES J. GUSTAFSON, and MILTON E. CHANDLER, Chicago, Ill., assignors to Stromberg Motor Devices Company, Chicago, Ill., a Corporation of Illinois. Filed June 11, 1921. Serial No. 476,678. 6 Claims. (Cl. 261-1.)

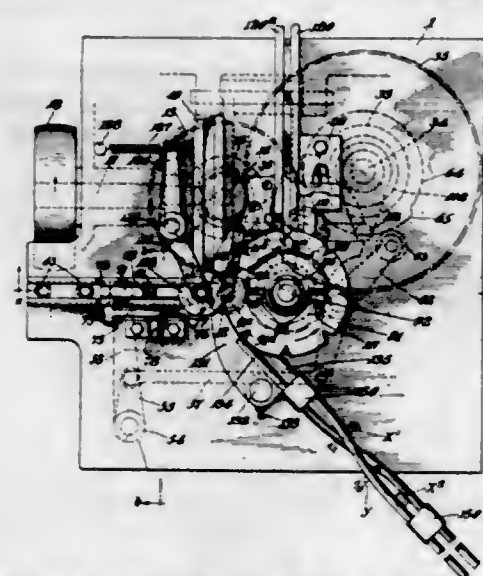


1. In a carburetor, the combination of a carbureting chamber, a fuel nozzle opening into said chamber, a float chamber supplying fuel to said fuel nozzle through a restricted passageway, and an unrestricted fuel diverting path permitting the raising of the fuel level in said float chamber above the level of said fuel nozzle without issuance of an overflow of fuel from said nozzle, said nozzle retaining communication with said float chamber during said variations in fuel level.

1,642,379. BOLT NUTTING AND AUTOMATIC CHUCKING APPARATUS AND METHOD. EDWARD A. MOLLNOW, North Tonawanda, N. Y., assignor to Buffalo Bolt Company, North Tonawanda, N. Y., a Corporation of New York. Filed Feb. 9, 1926. Serial No. 87,002. 30 Claims. (Cl. 10-155.)

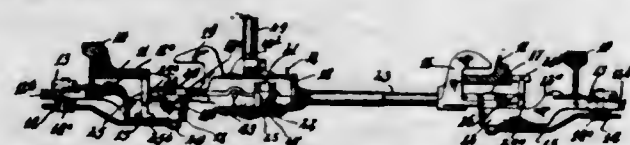
1. A nutting machine for bolts, etc., including a rotor having a socket substantially larger than the nut and

means continuously rotating the same about the axis of the socket said socket being sufficiently larger than said nut to permit insertion of said nut while said socket is



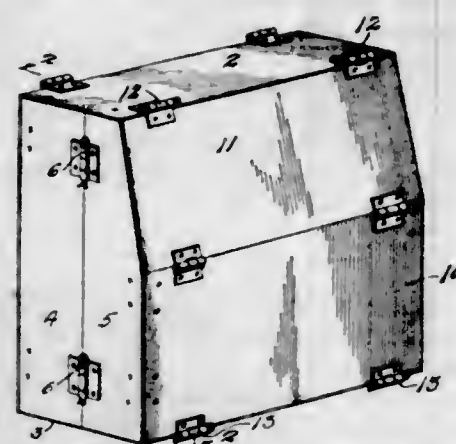
rotating at high speed, in combination with bolt positioning means permitting axially aligned engagement of the bolt thread and the nut thread.

1,642,380. RAIL-SWITCH-LOCKING DEVICE. ZOLTAN MOLNAR, Port Robinson, Ontario, Canada, assignor of one-fourth to Mihaly Szabo Czorboy and one-fourth to Horace A. Elfield, Welland, Ontario, Canada. Filed Sept. 17, 1926. Serial No. 136,085. 8 Claims. (Cl. 246-448.)



3. A lock for railway switch points, comprising clamp members engaged to the rails associated with said switch points, a lead head fixed to one of said clamp members, a casing with a projecting lead head fixed to the other of said clamp members, a long and a short locking rod rotatively mounted in said lead heads and casing, said rods being interengaged within the casing by a nut threadedly engaging over a groove in one rod and a tongue in the other rod, the outer ends of said rods being formed with latch pieces engageable with the inner and outer sides of said switch points, means for turning said locking rods, said means comprising an enlarged portion fixed to said locking rod, brackets depending from said enlarged portion, and a handle pivotally mounted between said brackets, and means for preventing the turning of said locking rods.

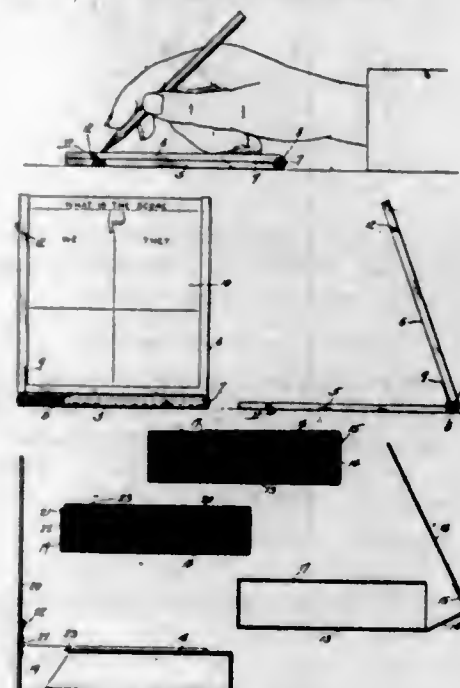
1,642,381. FOLDING PIANO-SHIPPING CASE. GUY H. MOYER and ROBERT F. AUCKER, Freeburg, Pa. Filed Oct. 27, 1925. Serial No. 65,237. 2 Claims. (Cl. 220-6.)



1. A foldable piano box comprising front and rear portions, said front portion comprising a front wall and

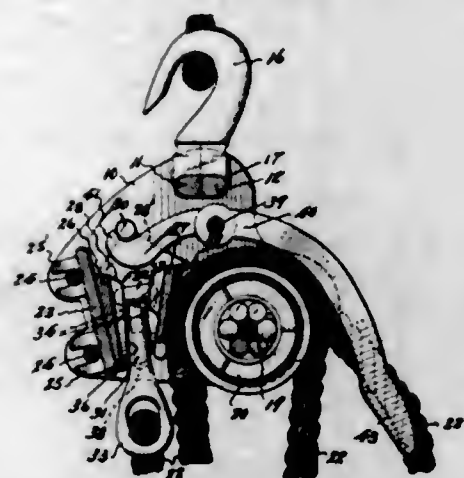
side walls hingedly connected thereto, said rear portion comprising a rear wall having top, bottom and side walls hingedly connected thereto, and detachable hinge sections connecting said front and rear portions.

1,642,382. GAME-SCORING DEVICE. LEON OTTINGER, New York, N. Y. Filed Oct. 3, 1923. Serial No. 666,273. 2 Claims. (Cl. 273-148.)



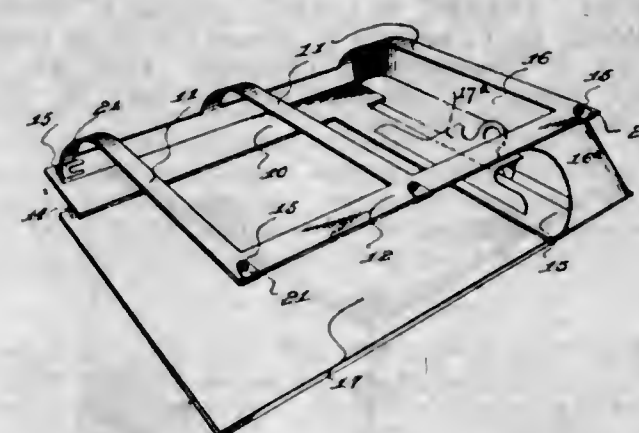
1. A game scoring device consisting of inner and outer telescoping sections, said outer section having a relatively movable wall or panel upon which the game score is adapted to be written, resilient means for said panel for yieldingly sustaining the same in a normal score displaying position, said means yielding under pressure whereby the panel may be depressed for the purpose of making written entries of the game score and said panel adapted to be held down on the inner and outer sections when in their telescoped position.

1,642,383. HOISTING DEVICE. JOSEPH OWEN, Newark, N. J. Filed Oct. 22, 1926. Serial No. 143,316. 7 Claims. (Cl. 188-64.)



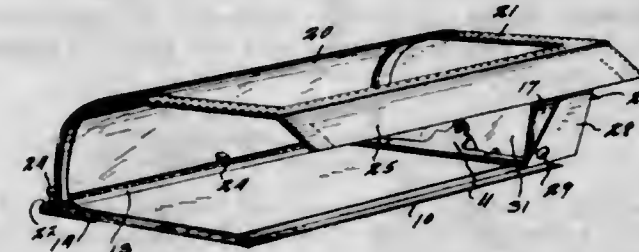
1. A self-locking hoist block, comprising a housing, sheaves in said housing, a hoist rope to move over said sheaves, a downwardly and inwardly inclined stationary thrust-plate transversely fixed in said housing and opposed to said sheaves, a brake-block vertically movable between said thrust-plate and the courses of said hoist rope moving over said sheaves, the fixed end of said hoist rope being connected to said brake-block, and a pivoted releasing lever having its inner end engaged with said brake-block, the free hauling course of said hoist rope cooperating with the outer end of said lever.

1,642,384. RAINY-DAY-TABLET SHIELD. WILLIAM A. PRYOR, Savannah, Ga. Filed Mar. 11, 1926. Serial No. 93,993. 4 Claims. (Cl. 45-59.)



1. A shield for writing tablets comprising a base frame adapted to rest flat upon a tablet supporting board, the frame having cover supporting members extending from one side of the base frame and arching laterally and upward over the same and terminating in a plane above the base frame, a cover of translucent material supported by said members, and a hood extending downward and outward at one end of the cover and having its lower ends spaced from the end of the base frame to permit the insertion of the fingers.

1,642,385. RAINY-DAY-TABLET SHIELD. WILLIAM A. PRYOR, Savannah, Ga. Filed Aug. 26, 1926. Serial No. 131,747. 7 Claims. (Cl. 45-61.)

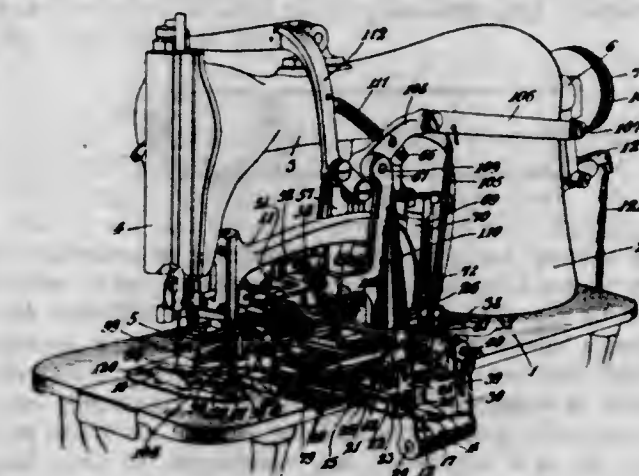


1. A tablet shield comprising a frame including a longitudinally extending base strip, upwardly and laterally extending cover supports carried by the base strip, a transversely extending bar carried by the base strip on one end, an upwardly extending brace engaged with the end of said bar remote from the base strip, and a longitudinally extending frame strip connecting the ends of the cover support and engaged with the upper end of the brace, and a cover composed partly of translucent material detachably engaged along one margin with the base strip extending over and supported by the supporting strips and detachably engaged with the extremities thereof, said cover being formed with a hood at one end.

1,642,386. APPARATUS FOR OPERATING UPON LABELS. JULIUS M. REIS and EMIL F. BUSINGER, New York, N. Y., assignors to G. Reis & Bro., Inc., New York, N. Y., a Corporation of New York. Filed Dec. 1, 1922. Serial No. 604,262. 12 Claims. (Cl. 112-104.)

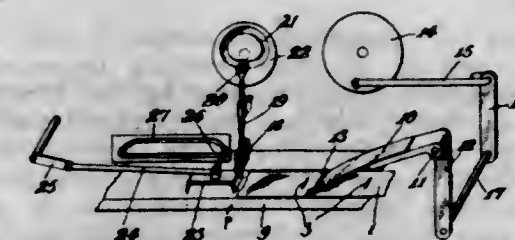
1. In a device of the character described, the combination of means for guiding forwardly a continuous label tape provided at intervals with transverse slits, feeding mechanism, comprising a reciprocating member arranged to slide forwardly along the tape periodically in contact therewith, from a point appreciably to the rear of a slit, regardless of stretching of the tape, engage the slit, advance the slit to a predetermined point, and then move back to its starting point, means for severing the tape

along the line of said slit at said predetermined point, after the slit has been positioned at such point, and means for gripping the severed label in advance of said slit and



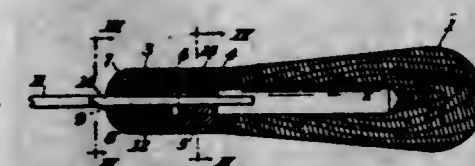
moving the same, while gripped, at an angle to the direction of movement of said severing means through a predetermined distance into position for a further operation to be conducted thereon.

1,642,387. PROCESS OF OPERATING UPON LABEL TAPE. JULIUS M. REIS, New York, N. Y., assignor to G. Reis & Bro., Inc., New York, N. Y., a Corporation of New York. Filed Dec. 1, 1922. Serial No. 604,292. 2 Claims. (Cl. 101-426.)



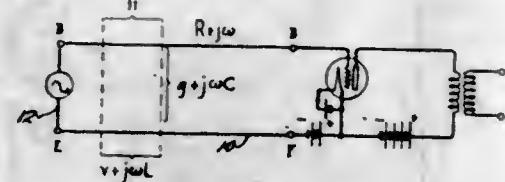
1. A method of operating upon fabric label tape bearing consecutive label indicia, which comprises printing labels upon successive lengths of a continuous strip of fabric and simultaneously slitting the tape to cut the thread of the fabric and provide slits of substantial length, at substantially evenly spaced intervals between the label sections, utilizing the slits as feed determining means in subsequently feeding the tape forwardly by advancing the slits, in succession, to a predetermined point, and cutting off the individual label sections thus advanced, along the lines of the slits, and clamping and removing to a predetermined point the label sections thus served.

1,642,388. TOOL HANDLE. LEO W. SCHLEICHER, Detroit, Mich. Filed July 2, 1926. Serial No. 120,013. 2 Claims. (Cl. 279-76.)



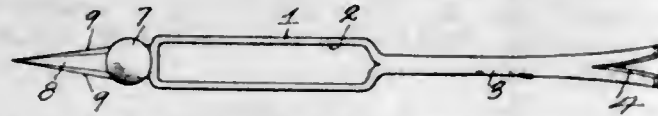
1. In a tool handle, the combination of a handle having a bore extending longitudinally from one end, said handle having a transverse slot therethrough, a locking member in said slot having an opening through it of lesser cross section than said bore and registering with said bore, a set screw threaded into said locking member adapted to extend into said opening, and a guide in the outer end of said bore having a collar bearing against the bored end of said handle, said guide having a passage therethrough in alignment with said locking member opening.

1,642,389. VOLTAGE AMPLIFIER. TIMOTHY E. SHRA, Rutherford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Oct. 18, 1923. Serial No. 669,219. 4 Claims. (Cl. 178-44.)



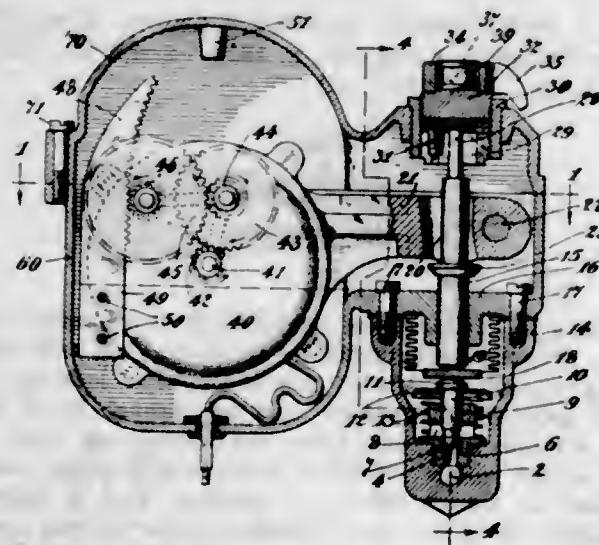
1. A system for selectively amplifying a plurality of voltage waves comprising in combination, a wave source adapted to generate a plurality of waves of different frequencies, a space discharge amplifier including a control electrode, and an artificial line of recurrent structure composed of substantially non-dissipative reactances connected between said source and the control electrode and cathode of said amplifier, the reactances of said line being proportioned to produce resonances at the frequencies of the waves generated by said source, and the impedance of said source being negligibly small in comparison with the surge impedance of said line, whereby the effect of the line resonances is strongly intensified.

1,642,390. ROOFING TOOL. WILLIAM E. TEKKER, Penn Township, St. Joseph County, Ind. Filed Sept. 17, 1926. Serial No. 136,097. 1 Claim. (Cl. 164-80.)



A roofing tool comprising an elongated body member having an opening extending vertically therethrough, a transverse cutting member carried by the forward end of the body member adjacent the opening, cutting members carried by opposite sides of the body member adjacent the opposite sides of the opening and merging into the transversely disposed cutting member, a hammer engaging head carried by the body member adjacent the transversely disposed cutting member, and a rearwardly extending handle member carried by the body member, said hammer engaging member being adapted to be engaged by a hammer for driving the transversely disposed cutting member through a shingle simultaneously with a downward movement of the handle member for severing the shingle with the cutting edges at opposite sides of the body member.

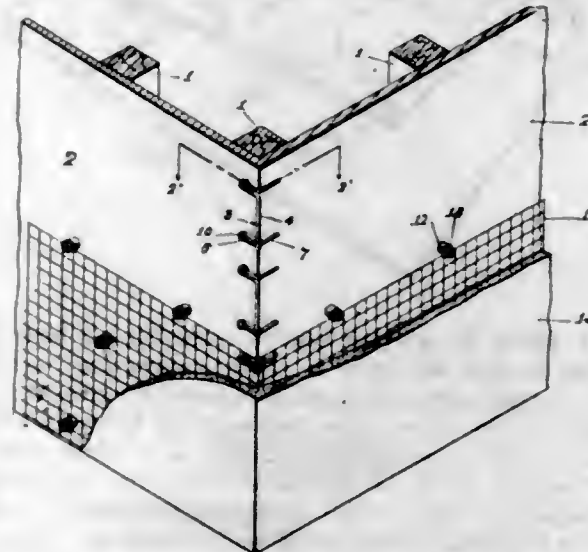
1,642,391. MOTOR-CONTROLLED VALVE. OTTO THIEL, Detroit, Mich., assignor to Silent Automatic Corporation, a Corporation of Michigan. Filed June 11, 1926. Serial No. 115,237. 7 Claims. (Cl. 137-139.)



1. A conduit, a valve for controlling flow of fluid therein and means including a lever for controlling opening and closing of the valve, in combination with an

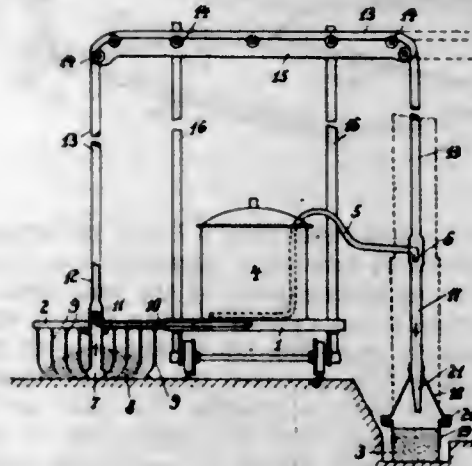
electric motor arranged as a weight for closing the valve and means driven by the armature shaft of said motor to lift the same.

1,642,392. CORNER BRACKET. GEORGE F. VOIGHT, Oakland, Calif., assignor to Economy Products Corporation, a Corporation of California. Filed Mar. 4, 1924. Serial No. 696,808. Renewed May 16, 1927. 8 Claims. (Cl. 72-118.)



1. A corner bracket comprising, a lath supporting bar, spacing bars at either end thereof, oppositely disposed laterally inclined wall bars at the inner ends of said spacing bars.

1,642,393. METHOD OF BUILDING WITH CONCRETE OR THE LIKE AND APPARATUS THEREFOR. CHRISTIAN WESTPHAL, Berlin-Steglitz, and RICHARD GRIEGER, Berlin, Germany. Filed Oct. 6, 1925. Serial No. 60,867. and in Germany July 12, 1924. 9 Claims. (Cl. 25-155.)



1. Method of building with concrete, consisting in separately delivering under gaseous pressure the aggregate in moist condition and cement in dry condition at the place where building is in operation.

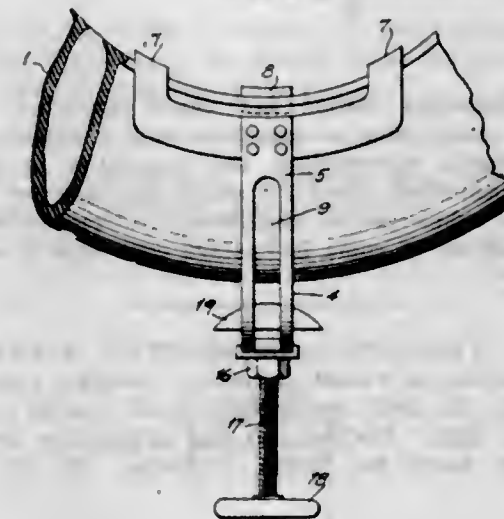
1,642,394. ARTIFICIAL LEATHER. ROYAL K. ABBOTT, Cranston, R. I., assignor to Respro Inc., Providence, R. I., a Corporation of Rhode Island. Filed Mar. 30, 1926. Serial No. 98,623. 7 Claims. (Cl. 91-68.)

1. Process of making artificial leather comprising a primary simultaneous compression of a sheet of resilient fibres and a viscid mass of cementitious substance, permitting the treated sheet to expand by the inherent resilience of its fibre component, subjecting the expanded sheet to treatment adapted to increase the tenacity of the coating throughout the fabric spreading on this expanded fabric a fluid film-forming dressing of such consistency as to enclose cement-coated fibres at and near the surface of said sheet and form a continuous layer

overlying the fibrous surface, allowing the film-forming dressing to set, and thereafter subjecting the surface-dressed sheet to compacting pressure.

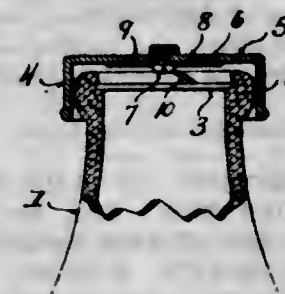
5. Sheet material useful as a substitute for leather, being the product of the process set forth in claim 1, to wit: having a base of cement-integrated unspun, unwoven fibres, the fibres being severally coated with cementitious material and the sheet bearing a coating film of colloidal material interpenetrating between the cement coated fibres at one face and in wetting contact therewith and forming a continuous layer overlying the fibrous surface, the whole being integrated as the result of pressure applied in the direction of the thickness of the sheet.

1,642,395. TOOL FOR THE REPAIR OF AUTOMOBILE TIRE SHOES. JACOB ABRAHAM, Bradley Beach, N. J. Filed Apr. 12, 1927. Serial No. 183,059. 2 Claims. (Cl. 152-27.)



1. A tool adapted for use in the repair of automobile tire shoes, which comprises an annular bifurcated element provided with hooks at either end, said element adapted to embrace the shoe in a plane radial to the axis of the shoe, said hooks engaging the two inner edges of the shoe, said annular element having an annular slot lying in said radial plane, means adapted to compress said shoe from its periphery toward its annular axis, such means being mounted to move in said slot and to be positioned at any predetermined place in said slot.

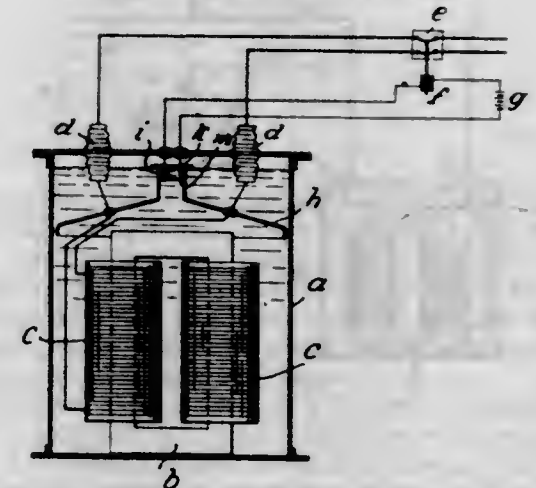
1,642,396. COMBINED CAP REMOVER AND MILK-BOTTLE TOP. FRANK BALCERZAK, Milwaukee, Wis. Filed Mar. 4, 1926. Serial No. 92,249. 4 Claims. (Cl. 215-55.)



1. A combined milk bottle cap remover and bottle cover comprising a cylindrical member adapted to surround the

upper end of a bottle and having a pair of downwardly slanting prongs, one of said prongs being adapted to enter the cap of the bottle upon rotation of the device, and the other of said prongs being adapted to ride upon the upper side of the cap.

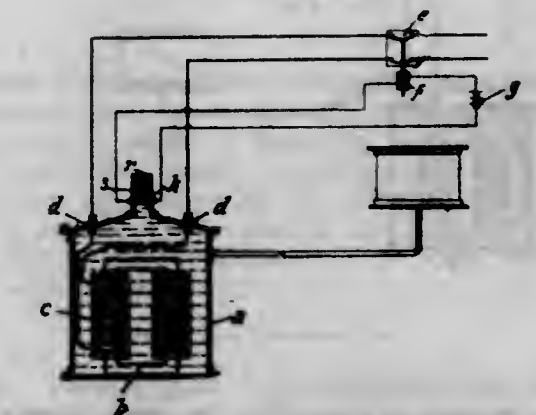
1,642,397. METHOD AND MEANS FOR PROTECTING LIQUID-INSULATED ELECTRIC APPARATUS. MAX BUCHHOLZ, Cassel, Germany. Filed Sept. 15, 1922. Serial No. 588,457, and in Germany Sept. 26, 1921. 12 Claims. (Cl. 175-361.)



1. Protective system for liquid insulated electric apparatus comprising a container and a supply of insulating liquid, surrounding the apparatus to be protected, a protective means and means adapted to be operated by a product of decomposition occurring in the insulating liquid for actuating said protective means.

9. The method of controlling abnormal conditions of liquid insulated apparatus which comprises aggregating products of decomposition occurring in the insulation due to abnormal conditions and causing such aggregation to vary the operative condition of protective means associated with such apparatus.

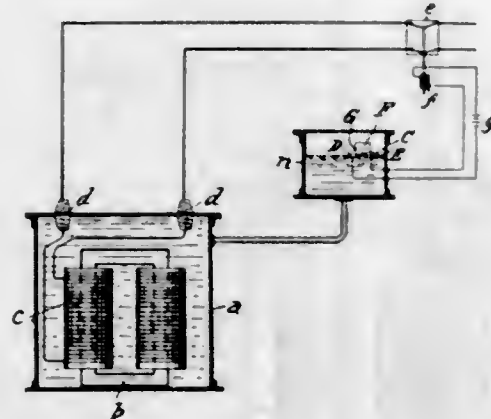
1,642,398. CONTROLLING ELECTRIC APPARATUS. MAX BUCHHOLZ, Cassel, Germany. Original application filed Sept. 15, 1922. Serial No. 588,457, and in Austria July 4, 1922. Divided and this application filed Apr. 16, 1925. Serial No. 23,671. 6 Claims. (Cl. 175-361.)



1. Protective system for liquid-insulated electric apparatus comprising a container and a supply of insulating liquid, surrounding the apparatus to be protected, a protective circuit and a contact device adapted to be operated

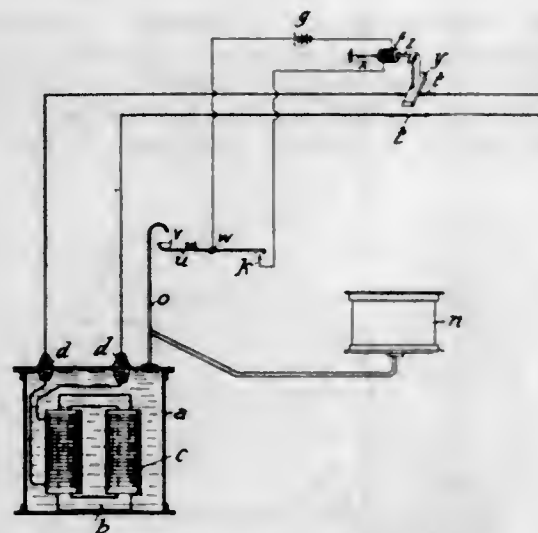
by a variation of the specific gravity of part of the insulating liquid occurring in consequence of a decomposition of such liquid, for varying the operative conditions of said circuit.

1,642,399. CONTROLLING LIQUID-INSULATED ELECTRIC APPARATUS. MAX BUCHHOLZ, Cassel, Germany. Original application filed Sept. 15, 1922, Serial No. 588,457, and in Germany Jan. 19, 1922. Divided and this application filed Apr. 16, 1925. Serial No. 23,672. 7 Claims. (Cl. 175-361.)



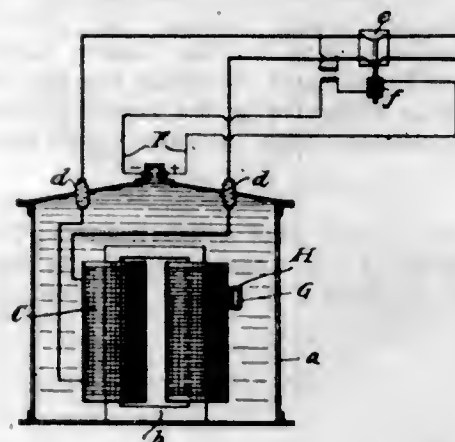
1. Protective system for liquid-insulated electric apparatus comprising a container and a supply of insulating liquid surrounding the apparatus to be protected, a protective circuit and means adapted to be operated by an agitation of the liquid occurring in consequence of a decomposition of such liquid, for varying the operative conditions of said circuit.

1,642,400. CONTROL OF ELECTRIC APPARATUS. MAX BUCHHOLZ, Cassel, Germany. Original application filed Sept. 15, 1922, Serial No. 588,457, and in Germany Jan. 21, 1922. Divided and this application filed Apr. 16, 1925. Serial No. 23,673. 5 Claims. (Cl. 175-361.)



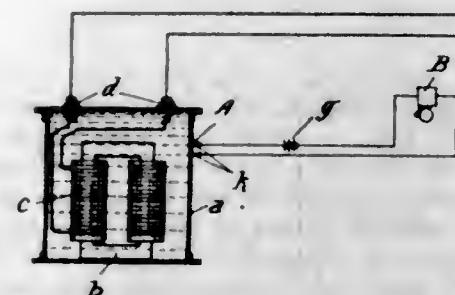
1. The method of controlling unnormal working conditions of liquid-insulated electric apparatus, comprising causing an expulsion of insulating liquid occurring in consequence of such a decomposition of such liquid and causing such expulsion to vary the operative conditions of a protective circuit.

1,642,401. CONTROL OF LIQUID-INSULATED ELECTRIC APPARATUS. MAX BUCHHOLZ, Cassel, Germany. Original application filed Sept. 15, 1922, Serial No. 588,457, and in Germany Jan. 19, 1922. Divided and this application filed Apr. 16, 1925. Serial No. 23,674. 6 Claims. (Cl. 175-361.)



1. A protective system for liquid insulated electric apparatus comprising a container and a supply of insulating liquid surrounding the apparatus to be protected, a protective circuit, a spark gap inserted in said circuit and submerged in said liquid, and means for causing gas bubbles to come in contact with said spark gap.

1,642,402. PROTECTION OF ELECTRIC APPARATUS. MAX BUCHHOLZ, Cassel, Germany. Original application filed Sept. 15, 1922, Serial No. 588,457, and in Germany Apr. 10, 1922. Divided and this application filed Apr. 16, 1925. Serial No. 23,675. 3 Claims. (Cl. 175-361.)



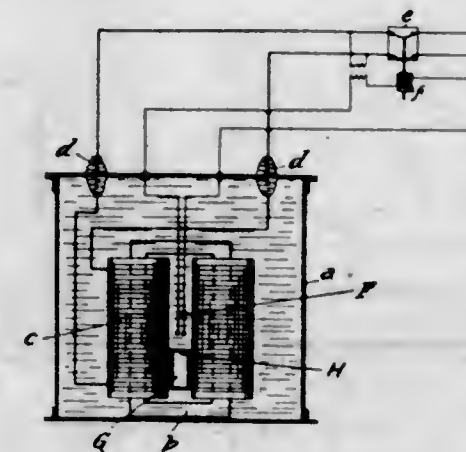
1. Protective system for liquid-insulated electric apparatus comprising a container and a supply of insulating liquid, surrounding the apparatus to be protected, a protective circuit and means adapted to be operated by a variation of pressure occurring in the insulating liquid in consequence of a decomposition of such liquid, for varying the operative conditions of said circuit.

3. The method of controlling abnormal working conditions of liquid insulated electric apparatus which comprises causing a decomposition occurring in the insulating liquid in consequence of such abnormal conditions to vary the pressure in said liquid, and causing such variation of the pressure to vary the operative conditions of a protective circuit.

1,642,403. PROTECTION OF LIQUID-INSULATED ELECTRIC APPARATUS. MAX BUCHHOLZ, Cassel, Germany. Filed Apr. 16, 1925, Serial No. 23,676, and in Germany Jan. 19, 1922. 1 Claim. (Cl. 175-361.)

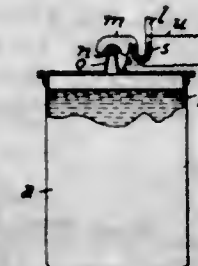
A protective device for transformers or the like comprising a casing in which the transformer is disposed, a supply of insulating liquid surrounding the transformer, a gas chamber arranged in the insulating liquid between the transformer coils and having an opening closed by a

displaceable closure means, a spark gap arranged above said closure means and adjacent thereto, said closure means being displaceable under abnormal working conditions of the apparatus to release the gaseous content of the chamber, the gases on release being adapted to displace the liquid from the spark gap.



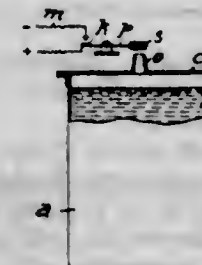
tions of the apparatus to release the gaseous content of the chamber, the gases on release being adapted to displace the liquid from the spark gap.

1,642,404. PROTECTIVE SYSTEM FOR LIQUID-INSULATED ELECTRIC APPARATUS. MAX BUCHHOLZ, Cassel, Germany. Filed Apr. 16, 1925, Serial No. 23,678, and in Germany Oct. 6, 1924. 6 Claims. (Cl. 175-361.)



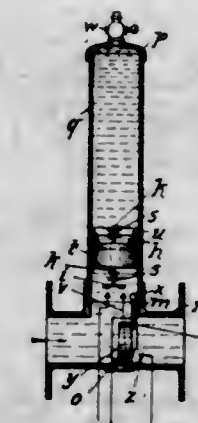
1. Protective system for liquid-insulated apparatus comprising a supply of insulating liquid which, when decomposed, forms gases containing an adsorbable gas, a substance capable, in contact with such gases to effect a rise of temperature and a protective means for the apparatus to be protected responsive to such rise of temperature.

1,642,405. ELECTRIC PROTECTIVE SYSTEM. MAX BUCHHOLZ, Cassel, Germany. Filed Apr. 16, 1925, Serial No. 23,679, and in Germany Oct. 6, 1924. 3 Claims. (Cl. 175-361.)



1. Protective system for liquid-insulated electric apparatus, comprising a supply of insulated liquid, which, when decomposed, develops gases containing an adsorbable gas, a substance disposed near said liquid which is capable of absorbing gases developed from said liquid and protective means connected with and rendered operative by an increase in weight of said substance.

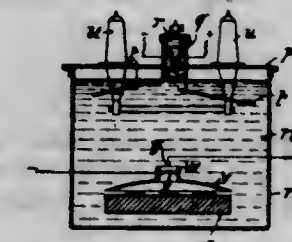
1,642,406. SYSTEM OF PROTECTION OF ELECTRIC APPARATUS. MAX BUCHHOLZ, Cassel, Germany. Filed Apr. 16, 1925, Serial No. 23,680, and in Germany Feb. 5, 1923. 9 Claims. (Cl. 175-361.)



1. Protective device for liquid-insulated electrical apparatus comprising a casing containing said apparatus, a body of insulating liquid filling said casing and a container of transparent material mounted above and communicating with said casing for receiving gas developed in said liquid under abnormal conditions of said apparatus and normally filled with said liquid.

8. Protective system for liquid insulated electrical apparatus comprising a casing containing said apparatus, a body of insulating liquid filling said casing, a container of transparent material mounted above and communicating with said casing for receiving gas developed in said liquid under abnormal conditions of said apparatus and normally filled with said liquid, a protective circuit, a float in said container adapted to be influenced by said gas, a second float suspended in said container and adapted to be displaced automatically, when the liquid level in the container is lowered and means adapted to cooperate with said floats for varying the operative conditions of said circuit.

1,642,407. SYSTEM OF PROTECTION OF LIQUID-INSULATED ELECTRIC APPARATUS. MAX BUCHHOLZ, Cassel, Germany. Filed Apr. 16, 1925, Serial No. 23,681, and in Germany Feb. 17, 1924. 1 Claim. (Cl. 175-361.)

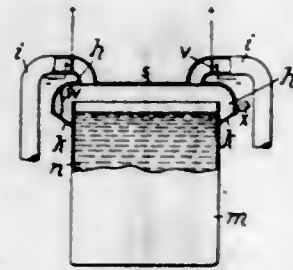


Protective system for liquid insulated electric apparatus comprising an apparatus to be protected, a container surrounding same, a supply of insulating liquid in said container, a protective circuit, comprising terminals and a contact above said apparatus and a sloping guiding surface below said contact for guiding gas developed in consequence of an abnormal operation of said apparatus towards said contact.

1,642,408. PROTECTING LIQUID-INSULATED ELECTRIC APPARATUS. MAX BUCHHOLZ, Cassel, Germany. Filed Apr. 16, 1925, Serial No. 23,683, and in Germany Feb. 17, 1925. 1 Claim. (Cl. 175-361.)

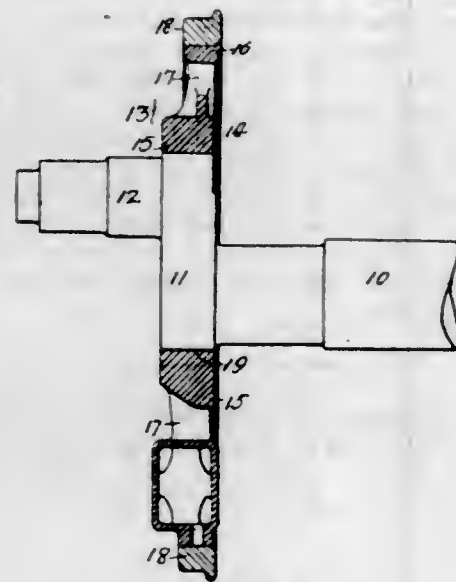
Protective system for liquid insulated electric apparatus comprising a container, a supply of insulating liquid in said container surrounding the apparatus to be pro-

tected, a cover mounted above said container with a clearance, a loaded valve closing the clearance space between said cover and said container and normally pre-



venting the escape of gases which may be developed in consequence of an abnormal condition of said apparatus and protective means adapted for operation by the increased gas pressure.

1,642,409. AXLE AND DRIVING WHEEL FOR LOCOMOTIVES. WALTER J. DALY, Conshohocken, Pa. Filed July 8, 1927. Serial No. 204,282. 4 Claims. (Cl. 295-2.)



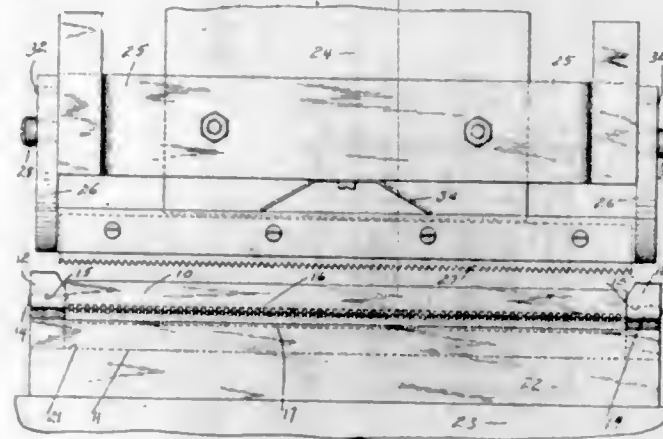
1. The combination of a drawing axle having an integral hub section; a wheel mounted on the hub section of the axle, said hub section having an integral driving pin.

1,642,410. AXLE AND DRIVING WHEEL FOR LOCOMOTIVES. WALTER J. DALY, Conshohocken, Pa. Filed July 7, 1927. Serial No. 204,083. 4 Claims. (Cl. 295-2.)



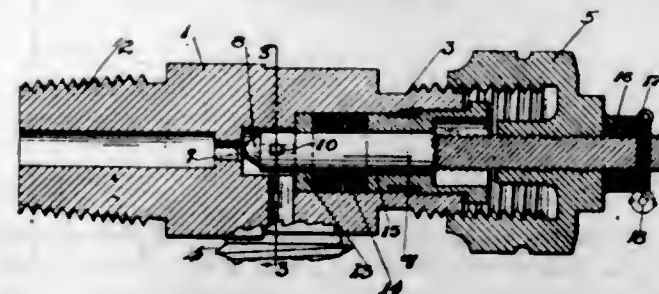
2. The combination of a driving axle for locomotives, having integral enlargements at each end; and driving pins mounted in the enlargements.

1,642,411. MEANS FOR SETTING MEMBERS OF SEPARABLE FASTENERS. JOHN DRAHER and ADOLPH J. KRIEGER, Waterbury, Conn. Filed Feb. 4, 1927. Serial No. 165,823. 4 Claims. (Cl. 153-1.)



1. Means for setting members of separable fasteners, consisting of two plates, one hinged with relation to the other, the adjacent faces of the plates formed with fastener-receiving grooves, a ram adapted to force the plates together, and means moved by the ram for inserting a strip of fabric between the gripping-jaws of the fastener members.

1,642,412. GAS-TANK VALVE. WILLIAM H. FARNSWORTH, San Francisco, Calif., assignor to Great Western Electro Chemical Co., San Francisco, Calif., a Corporation of California. Filed June 17, 1926. Serial No. 116,563. 2 Claims. (Cl. 251-50.)



2. A valve of the class described comprising a valve body, a valve having a threaded stem therein, lugs on the sides of said stem, said lugs being adapted to slide in slots in said valve body, a threaded cap for said valve body, said cap having a central hole threaded to fit threads on said stem, the threads on said stem being of less pitch than the threads on said cap, and valve body, a nut on the outer end of said stem, a cotter pin and seal to hold said nut in a fixed position when set, to prevent the removal of said cap.

1,642,413. ALARM GAUGE. BENJAMIN RICE FAUNCE, Riverside, N. J. Filed June 2, 1925. Serial No. 34,333. 13 Claims. (Cl. 200-84.)

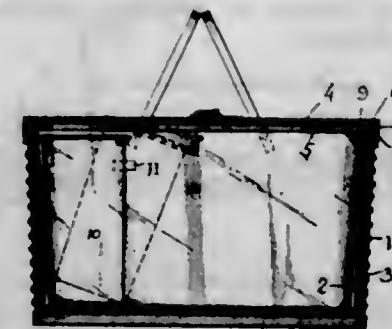
11. In a float operated circuit closer the combination with a tank adapted to receive a liquid including a wall having an opening therein, an elongated tubular housing having a compartment therealong, and including a cap at the upper end thereof, means for detachably connecting the cap in the opening of the wall of said tank, a float operating longitudinally in the compartment of said tubular housing, said housing having vent and inlet and outlet ducts therein, and a conducting wire extending from exteriorly of the tank directly through the cap into the adjacent end of the compartment in the tubular housing, said housing adjacent the cap and below the wall of the tank having a lateral opening thru which said conducting wire extends to exteriorly of the tubular housing.

ing, said wire extending along the tubular housing towards the end of the same opposite the cap, and insulating means at said end of the tubular housing opposite the cap end receiving the conducting wire therein to provide a



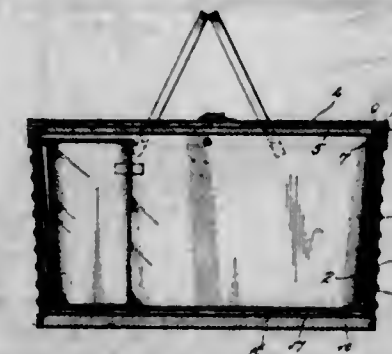
portion of the wire facing in the end of the compartment of said housing opposite the cap in a contact relation with the float when the latter falls to a predetermined low level.

1,642,414. REFRIGERATOR BASKET. EMIL A. FLO-RANG, Burlington, Iowa. Filed Dec. 3, 1923. Serial No. 678,262. Renewed Aug. 13, 1926. 1 Claim. (Cl. 217-122.)



In a refrigerator basket of horizontally elongated form, a metal lining having downwardly tapering side walls, and an ice receptacle having downwardly tapering side walls fitting closely in the end of said lining, and opposite horizontal spring strips at their outer ends attached to the lining and projecting inwardly and engaging the inner ends of said ice receptacle to hold it in position, the latter being tiltable at its lower inner corner against the tension of said spring strips whereby it may be readily removed from my basket.

1,642,415. REFRIGERATOR BASKET. EMIL A. FLO-RANG, Burlington, Iowa. Filed Feb. 8, 1924. Serial No. 691,422. Renewed Oct. 9, 1926. 2 Claims. (Cl. 217-122.)

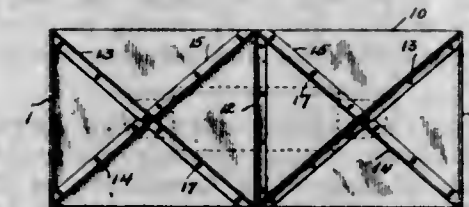


1. In a refrigerator basket, a body having horizontal peripheral top strips, a metal lining having a peripheral outwardly extending top flange resting upon said top strips and an upwardly and inwardly directed inner

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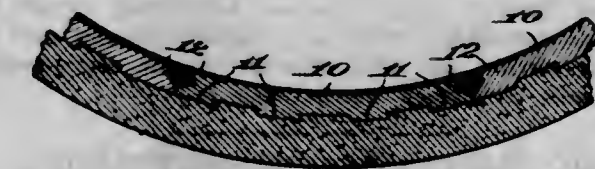
peripheral hollow bead of U-form in cross section, the branches of which straddle the inner corner of the inner of said top strips, the lower portion of said bead projecting below the top edge of said top strips and the upper portion thereof being joined to said top flange at an obtuse angle, and a cover having a reduced marginal portion provided with a lower packing strip resting upon said bead and a thicker central portion having a vertical peripheral shoulder having wedging engagement with said bead.

1,642,416. SURFACING TOOL. CARMELO FRENI, Waterbury, Conn. Filed Oct. 1, 1926. Serial No. 138,974. 3 Claims. (Cl. 72-136.)



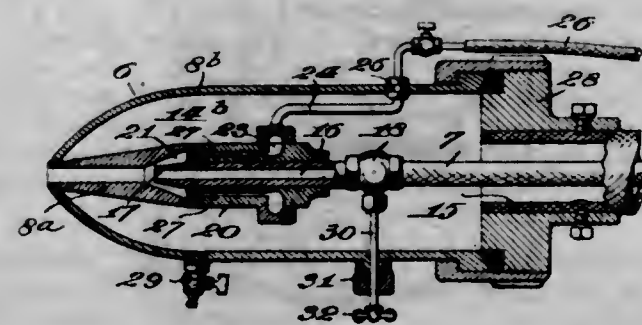
1. A tool of the character described, having a plurality of surfacing edges, which are arranged so that some are parallel with each other and others at an angle thereto and intersecting each other, at a point between the sides of the tool, whereby a plurality of angular pockets are formed around the center of such intersections in which excess material may accumulate and furnish a supply to fill depressions in the surface operated on.

1,642,417. LINING BLOCK FOR SEWERS AND THE LIKE. LOUIS P. KOVANDA and JAY H. HUBBELL, Los Angeles, Calif.; said Hubbell assignor to said Kovanda. Filed May 21, 1925. Serial No. 31,745. 1 Claim. (Cl. 72-54.)



A lining for sewers and the like, comprising segmental blocks of vitrified earthen material each having portions of its edges adjacent to one of its faces cut away to form grooves, the inner portions of which grooves are undercut so that when two lining blocks are placed edge to edge, an undercut channel is formed between the meeting edges of the two blocks and a filling of acid and alkali proof material within said undercut channel and the relatively narrow mouth thereinto.

1,642,418. MOLTEN-MATERIAL-SPRAYING APPARATUS. LOUIS P. KOVANDA and JAY H. HUBBELL, Los Angeles, Calif.; said Hubbell assignor to said Kovanda. Filed Oct. 1, 1925. Serial No. 59,821. 7 Claims. (Cl. 91-45.)



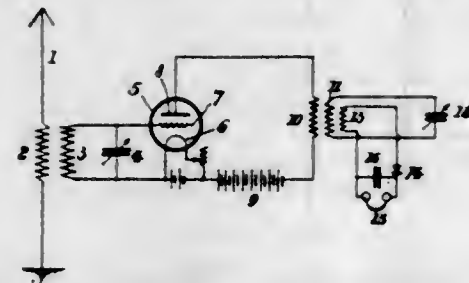
1. In a molten material spraying apparatus, a reservoir adapted to contain molten material, a nozzle, a molten

material-conveying line connecting said reservoir and nozzle, and connected heating jackets surrounding said reservoir, line and nozzle respectively.

1,642,419. PROCESS OF CLEANING BOTTLES. CHARLES H. LOEW, Avon Lake, Ohio, assignor to The Loew Manufacturing Company, Cleveland, Ohio, a Corporation of Ohio. Filed Oct. 18, 1924. Serial No. 744,493. 7 Claims. (Cl. 87-5.)

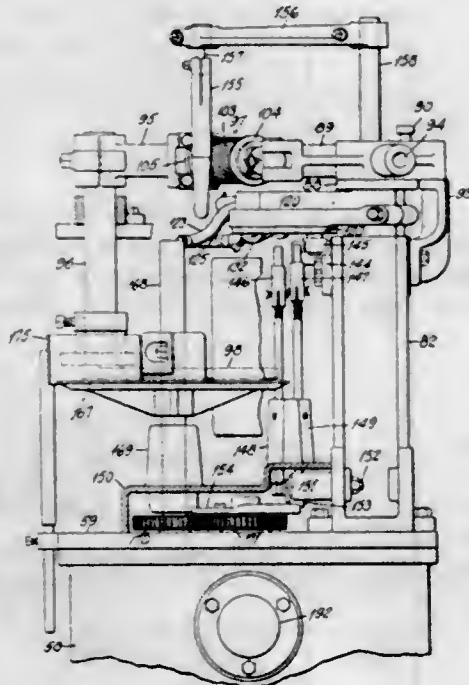
1. The process of cleaning bottles by means of an apparatus which comprises operating the said apparatus in such manner that the bottles therein are subjected to the following operations in succession: (a) soaking the bottles in a heated caustic alkali solution; (b) rinsing the bottles with fresh luke-warm water to remove the caustic-alkali therefrom; (c) rinsing the bottles internally with a mineral acid; (d) rinsing the bottles with water to remove the acid and sediment therefrom.

1,642,420. WIRELESS RECEIVING APPARATUS. SIEGMUND LOEWE, Berlin, Germany, assignor to Radio Corporation of America, a Corporation of Delaware. Filed Mar. 18, 1927, Serial No. 176,482, and in Great Britain Mar. 17, 1926. 2 Claims. (Cl. 250-27.)



1. In combination, an antenna circuit an amplifying circuit in which audio frequency oscillations are set up by mechanical vibrations, associated with said antenna circuit, a detector circuit including a mechanically rugged detector element, coupled to said amplifying circuit, and a circuit associated with the coupling between said amplifying circuit and said detector circuit for absorbing said audio frequency oscillations.

1,642,421. WARE-TRANSFERRING MECHANISM. EDWARD H. LORENZ, West Hartford, Conn., assignor to Hartford-Empire Company, Hartford, Conn., a Corporation of Delaware. Filed Apr. 29, 1924. Serial No. 709,908. 39 Claims. (Cl. 49-1.)

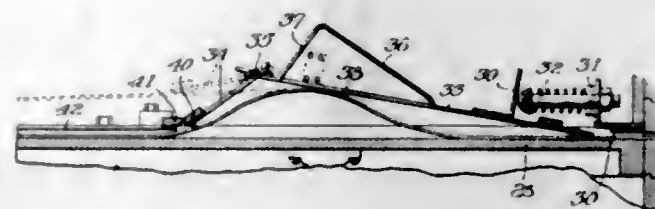


5. The combination with a ware shaping machine, of means for delivering glass to said machine, and ware transferring mechanism embodying pneumatic means for

discontinuing the operation of said shaping machine and the operation of said delivering means.

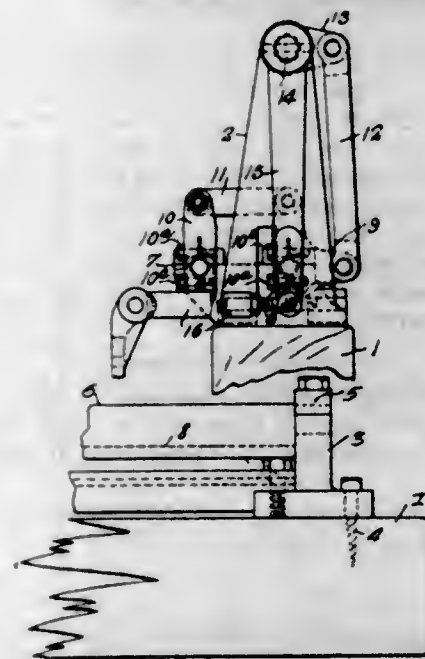
24. The combination with a glass shaping machine embodying a mold element, of a ware transferring mechanism provided with a ware engaging device means for swinging said device toward and away from said mold, and means for projecting and retracting said device radially, with respect to the axis of swinging movement, to and from a position above said mold.

1,642,422. STOP DEVICE. JOHN MANOFKY, Warren, Ohio, assignor to Youngstown Pressed Steel Company, Warren, Ohio, a Corporation of Ohio. Filed Nov. 26, 1923. Serial No. 677,022. 7 Claims. (Cl. 192-127.)



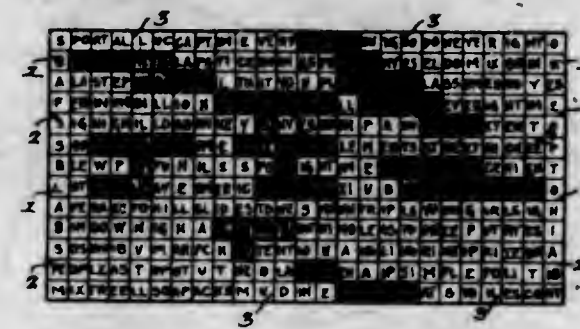
1. In combination with means for handling metal blanks, a discharge pass having a two-piece cover section capable of being flexed, the two sections being hingedly connected together and means operable upon flexing the cover section to stop the operation of the blank handling device.

1,642,423. CUTTING ATTACHMENT FOR LOOMS. RICHARD MARX, Philadelphia, Pa. Filed Apr. 6, 1925. Serial No. 21,039. 6 Claims. (Cl. 139-116.6.)



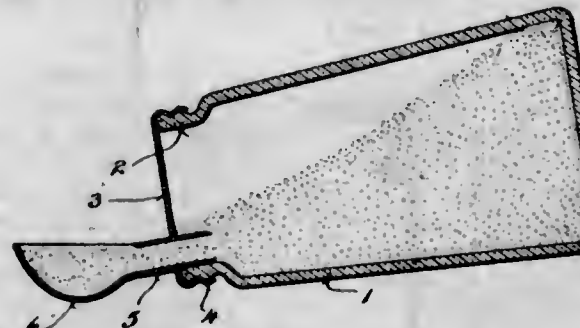
1. In a cutting attachment for looms, the combination with an oscillatory cutter bar, of a jack shaft, the axes of said cutter bar and of said jack shaft being relatively fixed, an arm on said cutter bar, an arm on said jack shaft, a link connecting said arms, and means including a longitudinally adjustable connecting rod for operatively connecting the jack shaft with a moving part of the loom.

1,642,424. PUZZLE. EDWARD M. MASSEY, Wynnewood, Pa., assignor of one-half to The Philadelphia Tabloid Publishing Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed May 23, 1925. Serial No. 32,359. 2 Claims. (Cl. 35-9.)



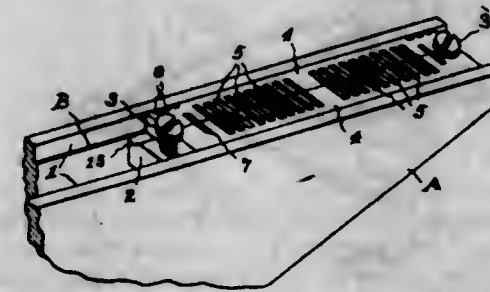
1. A puzzle comprising a plurality of continuous letters so arranged that as an entirety they are meaningless, the said rows of letters including a limited number of words intermingled with the other letters and grouped in different rows to form phrases corresponding to a predetermined definition or description.

1,642,425. DISPENSING RECEPTACLE. ROY J. MILLER, Milwaukee, Wis. Filed July 23, 1925. Serial No. 45,627. 1 Claim. (Cl. 221-98.)



A dispensing receptacle comprising a hollow body portion having a mouth, a cap removably closing the mouth of the body portion and having a tube opening into the body portion and located on one side of said cap, said tube projecting into said body portion and having an outwardly projecting end and terminating at its outwardly projecting end in a bowl-like measuring member having an open side, the open side of said bowl-like member being presented at right angles to the axis of the body portion, whereby said body portion may be rotated about its axis to dispense material collecting in the bowl-like portion and to cause the tube to move eccentrically about said axis to an elevated position to stop further discharge of material into the bowl-like portion.

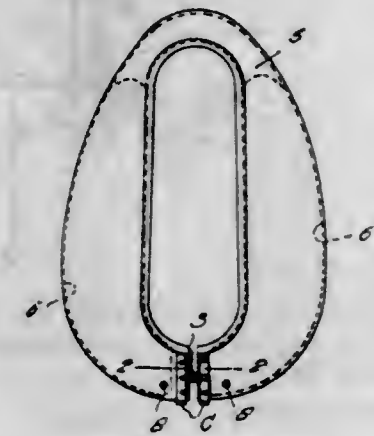
1,642,426. BURNER GRID AND PROCESS OF MAKING THE SAME. FRANK V. RISINGER, Lakewood, Ohio. Filed Oct. 13, 1925. Serial No. 62,289. 9 Claims. (Cl. 158-99.)



1. The process of making a burner grid which consists in placing a number of strips or bars together, forming a series of continuous slits in the edges of the bars.

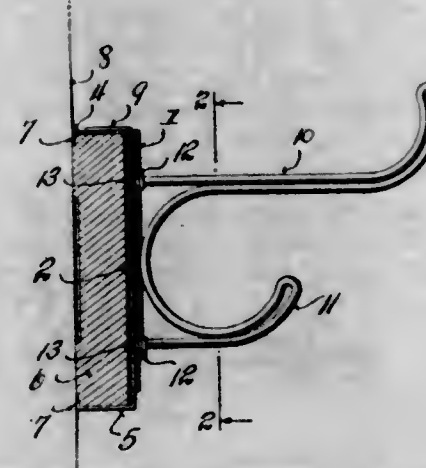
and then placing the slitted surfaces of the bars in contact so that registering slits which formed portions of a continuous slit complement to provide a rectangular grid opening.

1,642,427. HORSE COLLAR. WILLIAM S. ROGERS, Van Buren, Ark. Filed Mar. 4, 1927. Serial No. 172,918. 2 Claims. (Cl. 54-19.)



1. A horse-collar of the class described, including a casing substantially U-shaped in formation to fit about a horse's neck and having its sides hollow and its ends open, bladders fitted in the sides and inserted through the open ends, U-shaped clips disposed over the open ends, and bolts extending through the sides of the clips and the open end of the casing for holding said open end closed.

1,642,428. ADJUSTABLE HOOK OR BRACKET. HERMAN B. SCHUTTEN, Milwaukee, Wis. Filed Nov. 24, 1926. Serial No. 150,487. 2 Claims. (Cl. 248-48.)

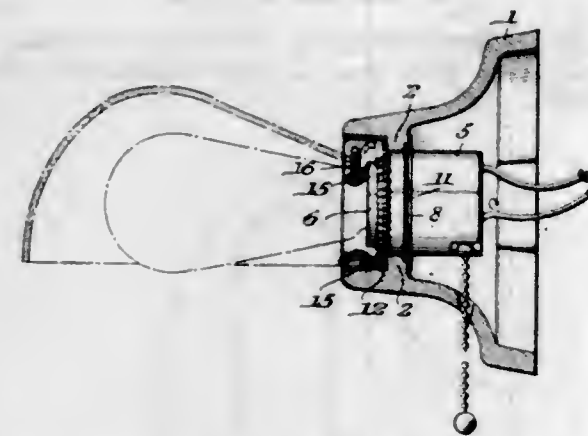


1. An adjustable bracket comprising a pair of telescopically related plates, one of said plates having inwardly turned flanges for slidably receiving the other of said plates, each of said plates having inwardly turned arms terminating in fingers adapted to grip the upper and lower faces of a support, the inner of said plates having a projecting tongue passing through an aperture formed in the arm of the other plate, said tongue being adapted to be bent downwardly to lock said plates against relative motion, and a bracket carried by the outer of said plates and having spaced portions rigidly attached to such outer plate.

1,642,429. LIGHTING FIXTURE. ROY W. SCHWIKER, Lansdale, Pa. Filed Dec. 29, 1925. Serial No. 78,123. 6 Claims. (Cl. 240-85.)

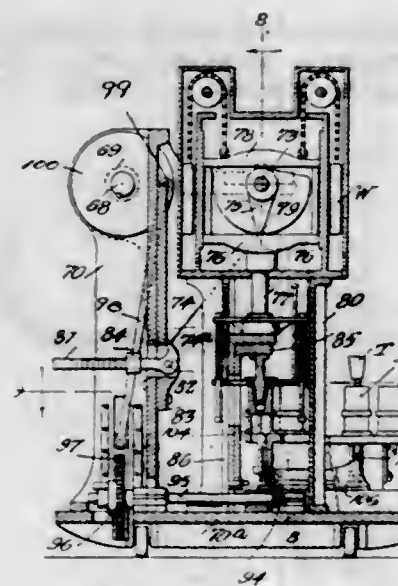
1. In a lighting fixture the combination with a canopy provided with a flange, of a sectional lamp socket, a clamping ring located between and secured by the sec-

tions of the lamp socket said ring being located on one side of the flange, and a combined shade or globe holder and clamping ring located on the outer side of the flange



and connected to the inner clamping ring aforesaid, said last named ring having means for engaging the outside of the neck of a shade or globe.

1,642,430. GLASS-WORKING APPARATUS. THEODORE C. STEIMER, deceased, Pittsburgh, Pa., by Charles M. Stelmer, executor, Zanesville, Ohio, assignor, by mesne assignments, to The Hartford Special Machinery Company, a Corporation of Connecticut. Original application filed Feb. 12, 1910, Serial No. 543,582, and in Canada Jan. 26, 1918. Divided and this application filed Oct. 27, 1925. Serial No. 65,190. 15 Claims. (Cl. 49-35.)



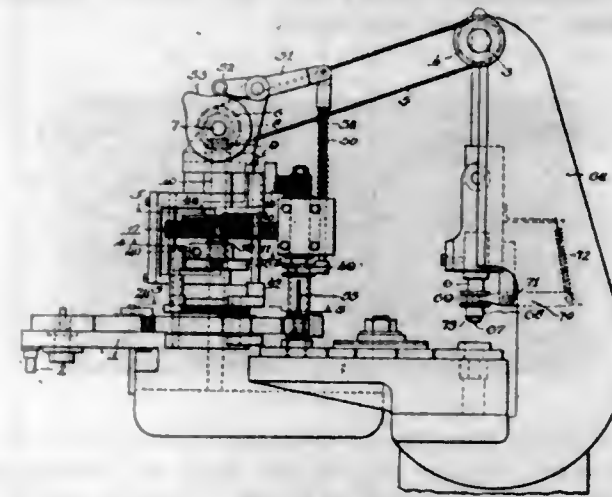
1. A machine for fabricating glassware comprising a rotatable mold table, a gear carried by said mold table, a driving gear rotatable on an axis displaced from the axis of said mold table and meshing with said first-named gear, and a reciprocable rack connected to rotate said driving gear intermittently in one direction.

1,642,431. MANUFACTURE OF METALLIC PACKING. MARTIN M. CODY, Chicago, Ill., assignor to Crane Packing Company, a Corporation of Illinois. Filed Aug. 4, 1924. Serial No. 730,043. 13 Claims. (Cl. 154-1.)

1. A machine for making packing comprising a roll on which a strip of packing material is wound to form a ring, means for holding the material against said roll to avoid slip, means for cutting off a predetermined length of the material supplied to said roll, means for removing the wound ring from said roll, and means for compressing said ring.

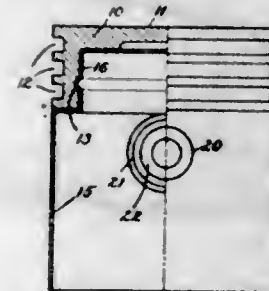
11. In combination, a pair of co-operating winding rollers, means for feeding a strip of packing material

thereto, means for separating said rollers at intervals, means for stripping a ring of wound material from one of said rollers, a turret having openings therein located



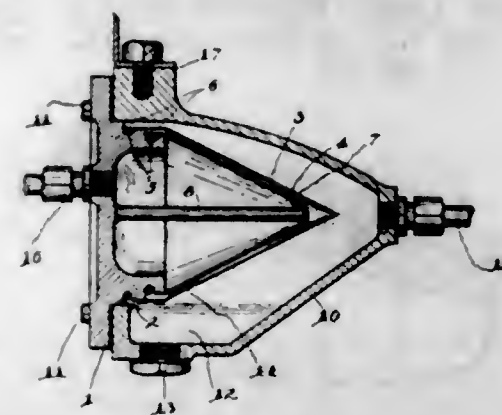
to receive said wound material, means for rotating said turret intermittently, and means for compressing said material while held by said turret.

1,642,432. INTERNAL-COMBUSTION-ENGINE PISTON. JULES FABIAN, Dayton, Ohio, assignor to General Motors Research Corporation, Dayton, Ohio, a Corporation of Delaware. Filed Oct. 3, 1923. Serial No. 666,264. 1 Claim. (Cl. 74-108.)



A bimetallic piston comprising a head portion of good heat-conducting metal in the form of a shallow cup provided upon its outer periphery with a groove, and a skirt portion of sheet metal having less heat conductivity but greater wear resistance than the metal of the head, the skirt portion being formed with a reduced cylindrical part adapted to be pressed into the cup-shaped head, the interior periphery of the head being provided with a recess into which metal of the skirt portion is pressed to provide permanent attachment of the two portions.

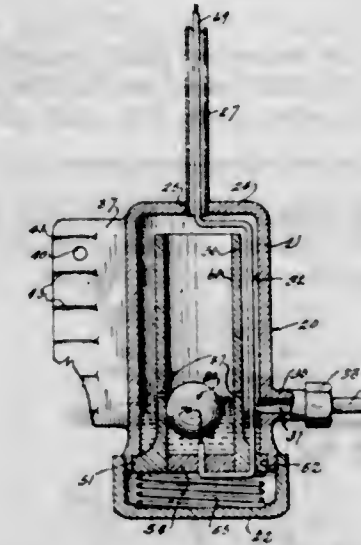
1,642,433. LIQUID PURIFIER. ROY D. FAGAN, Toronto, Ontario, Canada. Filed July 6, 1926. Serial No. 120,690. 2 Claims. (Cl. 210-165.)



1. A purifier comprising a base; an annular flange on the base formed as a strainer seat; an inner conical fibrous strainer having its open base secured on said

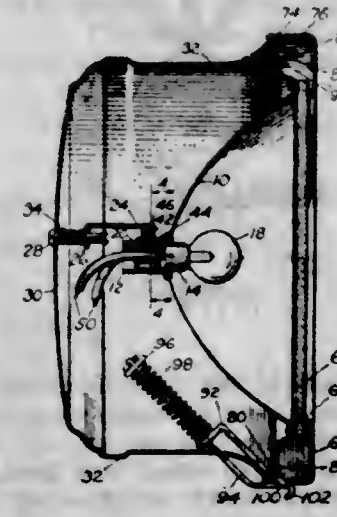
flange; a support for the inner conical strainer extending from the purifier base to the apex of the cone; an outer strainer of wire also having its open base secured on said flange; and a casing detachably secured to the base and provided with a sediment chamber beneath the strainers, the outer strainer having a drain opening in its under side adjacent the base of the inner conical strainer and over the sediment chamber to permit of the escape of sediment from between the strainers.

1,642,434. ALARM GAUGE. BENJAMIN RICE FAUNCE, Riverside, N. J. Filed Oct. 2, 1923. Serial No. 666,106. 5 Claims. (Cl. 200-84.)



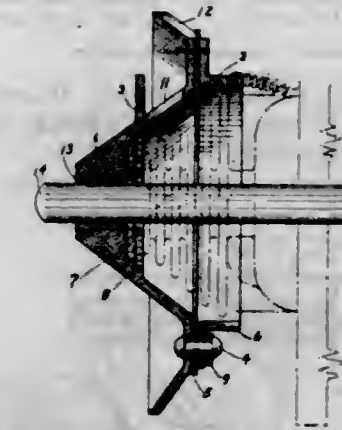
1. A device of the class described comprising a casing, permitting inlet and exit of a liquid with respect to the casing, a circuit controlling float of spherical formation operable in the casing having a specific gravity so that the float at its maximum diameter is always submerged in the liquid, and a contact in insulated relation within said casing, said float upon dropping with the liquid to a predetermined position being adapted to engage said contact and tipped against said casing at points below the liquid level to close a circuit.

1,642,435. LAMP CONSTRUCTION. HARRY C. FOSTER, Connersville, Ind., assignor by direct and mesne assignments, of one-half to Indiana Lamp Corporation, Connersville, Ind., a Corporation of Delaware, and one-half to General Motors Corporation, Detroit, Mich., a Corporation of Delaware. Filed Jan. 29, 1925. Serial No. 5,530. 5 Claims. (Cl. 240-44.)



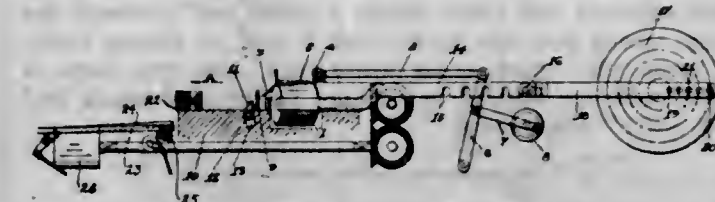
1. In a device of the character described, a wall member, a reflecting surface, lamp adjusting mechanism connected to the wall member and comprising a headed member, a lamp socket having a slot to allow the passage of the headed member in one position of the socket and to interlock with the headed member in another position of the socket, and means for slidably supporting the socket.

1,642,436. SEARCHLIGHT. CHARLES E. FRASER, Brooklyn, N. Y., assignor to the Government of the United States. Filed Sept. 4, 1920. Serial No. 408,196. 2 Claims. (Cl. 176-51.)



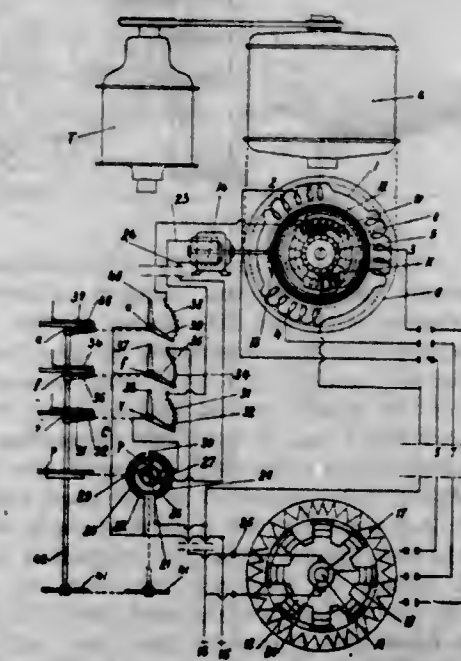
1. In combination with an arc lamp, an electrode, guiding and feeding means therefor, a metallic cap electrically insulated from the electrode and the guiding and feeding means, supporting means for the cap consisting of an annular ring resiliently attached to the guiding and feeding means and electrically insulated from the cap.

1,642,437. APPARATUS FOR COOLING AND ANNEALING METAL BARS. JEROME R. GEORGE, Worcester, Mass., assignor to Morgan Construction Company, Worcester, Mass., a Corporation of Massachusetts. Filed Dec. 1, 1924. Serial No. 753,241. 17 Claims. (Cl. 80-42.)



1. In apparatus of the class described, a horizontal bed, means for delivering bars on edge to said bed, means for moving said bars broadside across said bed, means for curving said bars as they are moved across the bed, and means for controlling the number of bars on the bed at one time.

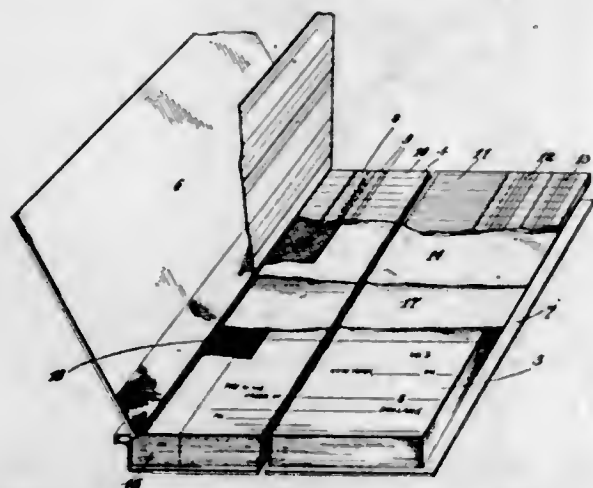
1,642,438. ELECTRIC TRANSMISSION SYSTEM. ELIE GRANAT, Paris, France. Filed May 14, 1923. Serial No. 639,013, and in France May 24, 1922. 2 Claims. (Cl. 172-281.)



1. In a variable frequency polyphase current generator controlling system for electrically transmitting a continuous rotation comprising a stationary armature and

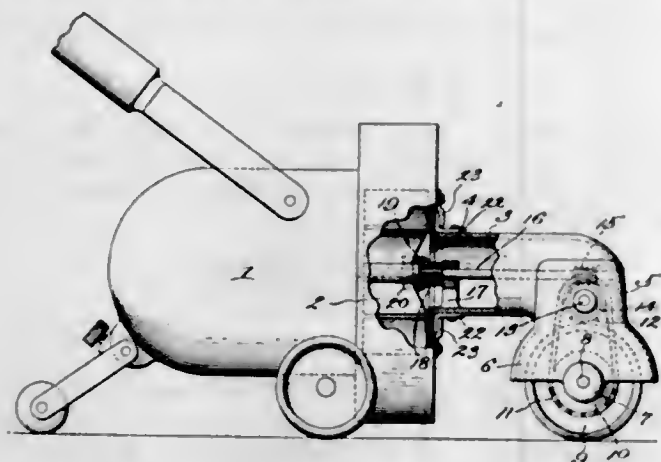
a field magnet actuated at a constant speed, the combination of a commutator provided on the rotating field magnet, feeding brushes rubbing on said commutator and adapted to rotate at any desired speed and line wires connected with equidistant fixed points on the stationary armature.

1,642,439. CHECK BOOK. SAMUEL J. HALPERIN, Brooklyn, N. Y. Filed June 2, 1926. Serial No. 113,323. 2 Claims. (Cl. 281-16.)



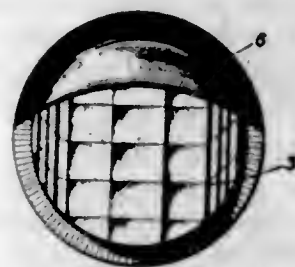
1. A check book having all its entry leaves assembled and bound together in one side of the back of the book adjacent one cover, and all its checks and their binding stubs bound together in the other side of the back of the book adjacent the other cover, a blank leaf between the entry leaves and the cover, and a fold of strong fabric in which the check stubs are bound, and the plies of which fold are secured detachably to the said blank leaf and cover respectively.

1,642,440. FLOOR POLISHER. WILLIAM A. HOE and HARRY A. HOE, Middlesboro, Ky. Filed Mar. 29, 1926. Serial No. 98,345. 1 Claim. (Cl. 15-98.)



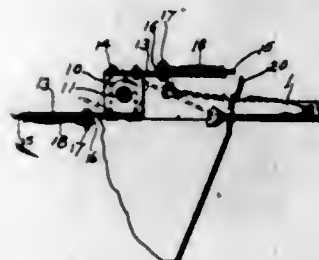
A polishing attachment adapted to be substituted for the suction nozzle of a vacuum cleaner, wherein the nozzle communicates with the fan casing of the cleaner through an opening therein, comprising in combination a forwardly projecting tubular arm detachably secured upon the front side of the casing around said opening, a transverse hood at the front end of said arm depending therefrom and communicating therewith through the bottom thereof, a polishing roller mounted in the hood and operating through the bottom thereof, a driving shaft mounted concentrically in the tubular arm and extending the full length thereof, means for coupling the rear end of the driving shaft to the fan, a transmission shaft housed in the top of the hood and geared to the front end of the driving shaft, and gearing within the hood connecting the ends of the transmission shaft with the ends of the roller.

1,642,441. GLASS DECORATING. OSCAR HOMMEL, Pittsburgh, Pa. Filed Sept. 1, 1921. Serial No. 497,499. 11 Claims. (Cl. 40-79.)



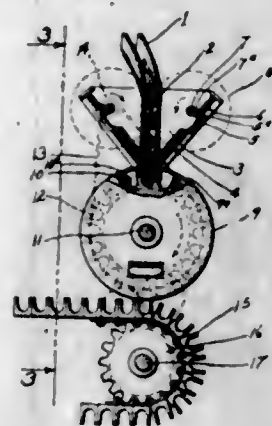
1. The process of decorating glass consisting in fusing to the glass by the heat stored during the manufacture thereof a granular powder made of a stable glass.

1,642,442. FISH HEAD AND ENTRAILS REMOVING MEANS. OLAV HOVDEN, Monterey, Calif. Filed July 8, 1925. Serial No. 42,210. 7 Claims. (Cl. 17-3.)



1. In a means of the class described, a movable conveyor having transverse pockets and a revoluble means, provided with relatively yieldable and flexible portions mounted at the side of said conveyor and contiguous thereto said relatively yieldable and flexible portions being adapted to engage a portion of the product carried in the pockets of said conveyor.

1,642,443. FISH-SEGREGATING MECHANISM. OLAV HOVDEN, Monterey, Calif. Filed July 8, 1925. Serial No. 42,211. 10 Claims. (Cl. 17-3.)

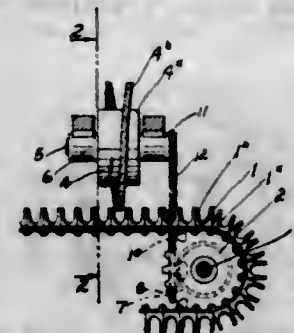


1. In a mechanism of the class described, a substantially upright chute, a pair of means extending into the lower portion of said chute from the opposite sides thereof, and extending toward each other, and means for intermittently and simultaneously withdrawing said means from the interior of said chute.

1,642,444. FISH-POSITIONING MEANS. OLAV HOVDEN, Monterey, Calif. Filed July 8, 1925. Serial No. 42,212. 7 Claims. (Cl. 7-3.)

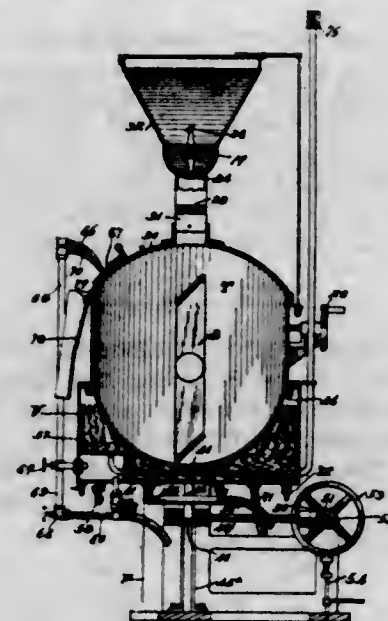
1. In a means of the class described, a conveying means provided with pockets, and a revoluble member having

outwardly extending, helically arranged members, positioned contiguous to and adapted to align with said



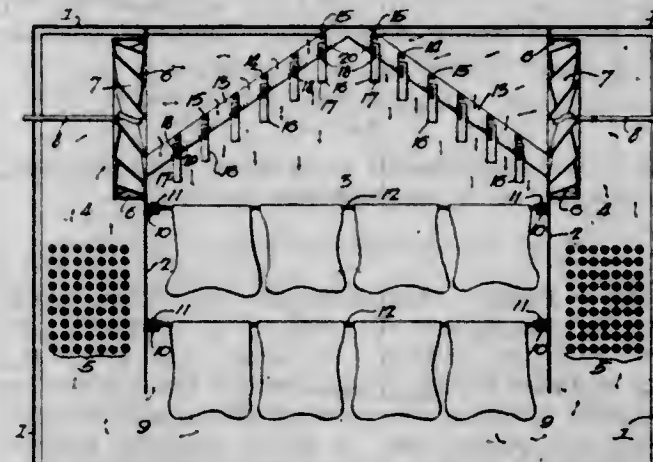
pockets, the longitudinal pitch of said helically arranged members being substantially equal to the distance between the pockets of said conveying means.

1,642,445. COMBINED COOKER AND MIXER. ANDREW JACOBSON, Los Angeles, Calif. Filed Jan. 13, 1926. Serial No. 81,057. 4 Claims. (Cl. 107-4.)



3. A combined mixer and cooker having a tank with a mixing device, means for operating the device, a water vessel carrying a heating burner and being arranged under the tank, and means to supply hot water from the vessel to the mixer.

1,642,446. AIR BAFFLE FOR DRIERS. FREDERICK KERSHAW and ALPHEUS O. HUAXTHAL, Philadelphia, Pa., assignors to Proctor & Schwartz, Incorporated, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Sept. 17, 1924. Serial No. 738,166. 3 Claims. (Cl. 34-12.)



1. The combination in a drier, of a vertical partition separating a drying chamber from a circulating chamber; a circulating fan in the partition; inclined supporting

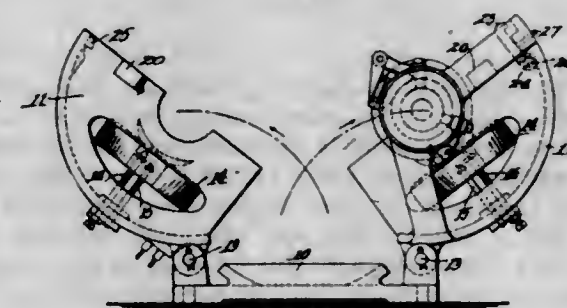
bars in the upper portion of the drying chamber; and a series of deflectors suspended from the bars and spaced apart and arranged at an angle in front of the fan so that the air in circulation will pass through the spaces between the deflectors, said deflectors directing the air downward through the drying chamber.

1,642,447. ADJUSTABLE POWDER DISPENSER. ALFRED J. KRANK, St. Paul, Minn. Filed Nov. 21, 1925. Serial No. 70,502. 6 Claims. (Cl. 132-83.)



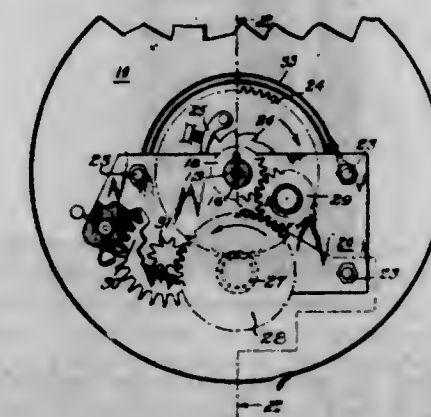
1. An adjustable powder dispenser including, a compact formed with upper and lower portions, one portion of which forms a powder compartment, a rotatable dispensing member adapted to fit frictionally within said powder compartment including cutting points and openings associated therewith to dispense powder therethrough, and lever operating means extending across said dispensing member.

1,642,448. SUPERADJUSTABLE GENERATOR. HENRY W. LAVIGNE, Worcester, Mass., assignor to American Automotive Corporation, a Corporation of Delaware. Filed Jan. 30, 1925. Serial No. 5,840. Renewed June 9, 1927. 5 Claims. (Cl. 171-209.)



1. As an article of manufacture, an electric generator comprising a base and two housings pivoted to opposite ends of the base and capable of swinging positively away from each other on their pivots, field coils carried by each of the housings and an armature carried by one of them.

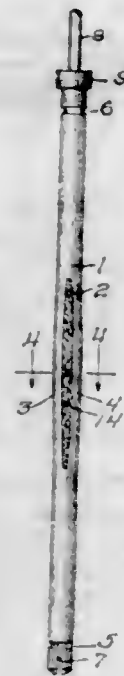
1,642,449. TOY BALL. RALPH L. LEE, Dayton, Ohio. Filed Jan. 21, 1921. Serial No. 438,878. 6 Claims. (Cl. 46-48.)



5. A motor propelled toy comprising a supporting means, an overturnable spring motor rotatably mounted on the supporting means and having a driving connection

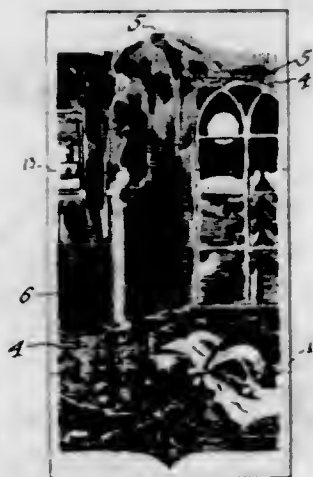
therewith, means for winding said motor, and means permanently associated with the motor and operable automatically upon winding of the motor for holding the motor against rotation about its axis during application of the winding force.

1,642,450. HAIR-WAVING CURLER ROD. WILBUR S. LEWIS, Cleveland, Ohio, assignor to The S. Le Mur Company, Cleveland, Ohio, a Corporation of Ohio. Filed Nov. 13, 1926. Serial No. 148,177. 4 Claims. (Cl. 132-33.)



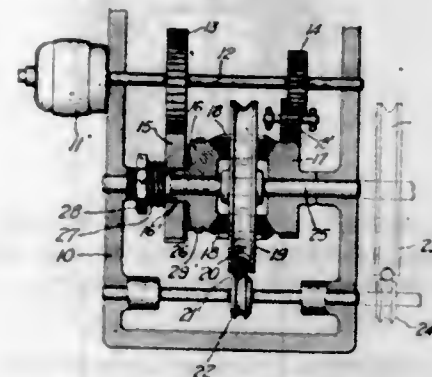
1. In a curler rod of the class described, the combination with a pair of concentric relatively rotatable rod elements, to one of which a strand of hair is adapted to be secured, and around the other of which a strand of hair may be wound, a recess within one of the said elements, and a pad of lubricant absorbent material disposed within the recess, said pad adapted to communicate lubricant to contacting portions of the said elements.

1,642,451. METHOD OF MAKING PLATES FOR MULTICOLOR PRINTING. FRANK LIBBY, Los Angeles, Calif. Filed Oct. 30, 1926. Serial No. 145,186. 6 Claims. (Cl. 101-211.)



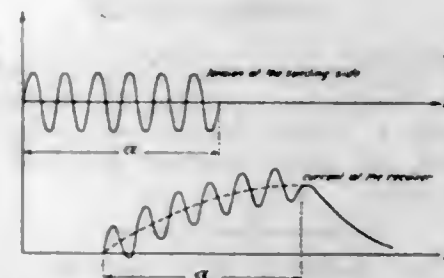
1. The method of making plates for multi-color printing consisting in making a plurality of free-hand drawings with ink lines, corresponding areas of the drawings having the lines positioned at a materially different angle when the drawings are superposed, and making photo-etchings of said drawings.

1,642,452. ELECTRODE-FEEDING MEANS. GEORGE A. LOVETT, Detroit, Mich., assignor to General Motors Corporation, Detroit, Mich., a Corporation of Delaware. Filed Jan. 27, 1921. Serial No. 440,371. 10 Claims. (Cl. 219-8.)



1. In mechanism of the class described, a rotatable control device, two gears in driving engagement with said control device, said device and gears so arranged that the direction and rate of rotation of said device is dependent upon the relative rates of rotation of said gears, a friction member interposed between one of said gears and the control device and means responsive to electric conditions adapted to vary the relative rates of rotation of said gears.

1,642,453. ALTERNATING-CURRENT TELEGRAPHY. FRITZ LÜSCHEN, Berlin-Sudende, and KARL KÖPFMÜLLER, Berlin-Friedenau, Germany, assignors to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany, a Corporation of Germany. Filed Sept. 6, 1923. Serial No. 661,174. and in Germany Mar. 16, 1923. 3 Claims. (Cl. 178-51.)



1. Method of telegraphy over long cables consisting in transmitting the signals by means of a carrier alternating current whose frequency depends upon the cable constants according to the formula

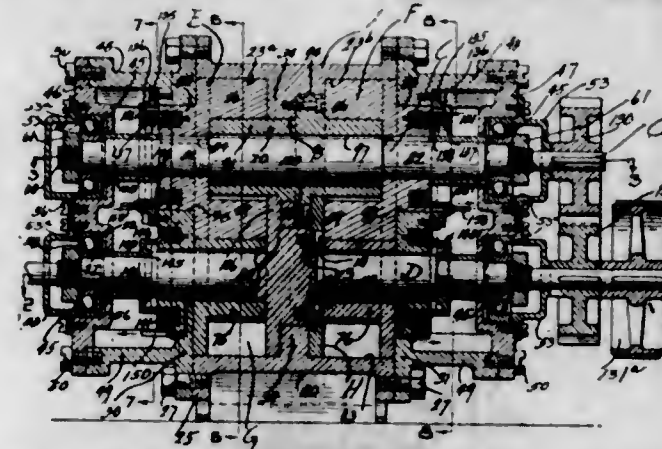
$$\omega = \frac{2}{\delta \sqrt{LC}}$$

wherein δ denotes the dielectric power factor, L the inductance, C the capacity and l the length of the cable.

1,642,454. PUMP, COMPRESSOR, OR THE LIKE. VAINO W. MALMSTROM, Bayonne, N. J. Filed May 19, 1926. Serial No. 110,275. 13 Claims. (Cl. 230-141.)

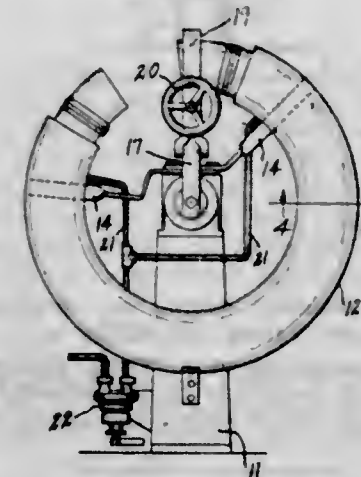
1. In a device of the class described the combination of a housing having a compartment therein provided with inlet and exit ports, a pair of shafts rotatably mounted on the housing to extend thru said compartment, individual stationary cores carried by the housing concentrically about each of said shafts and within said compartment, and a rotor keyed for rotation with each of said

shafts, each of said rotors including a plurality of vanes, with the vanes of one rotor in a complementary intermeshing relation with the vanes of the other rotor, the



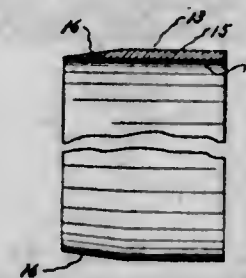
outer surfaces of the vanes and the cores being formed to provide a sealing surface contact between the intake and exhaust ports during rotation of said rotor.

1,642,455. STRIPPING DEVICE. MELVON A. MARQUETTE, Chicopee Falls, Mass., assignor to The Fisk Rubber Company, Chicopee Falls, Mass., a Corporation of Massachusetts. Filed Sept. 29, 1925. Serial No. 59,330. 3 Claims. (Cl. 154-9.)



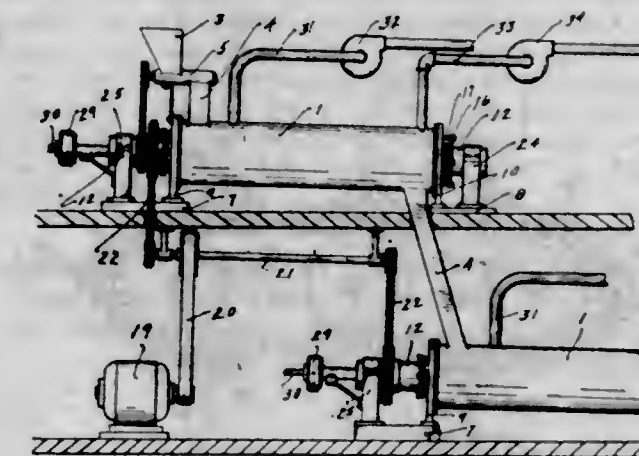
1. A device for stripping tubes from spiral mandrels which comprises a casing having a curvature similar to and a cross-section larger than that of the tube when mounted on the mandrel, means for exhausting air from between the tube and the casing to free the tube from the mandrel, and means for moving the mandrel within the casing in the spiral path.

1,642,456. TUBE-END BEVELING AND SEALING DEVICE. CHARLES EDGAR MAYNARD, Northampton, Mass., assignor to The Fisk Rubber Company, Chicopee Falls, Mass., a Corporation of Massachusetts. Filed Nov. 30, 1926. Serial No. 151,640. 7 Claims. (Cl. 18-43.)



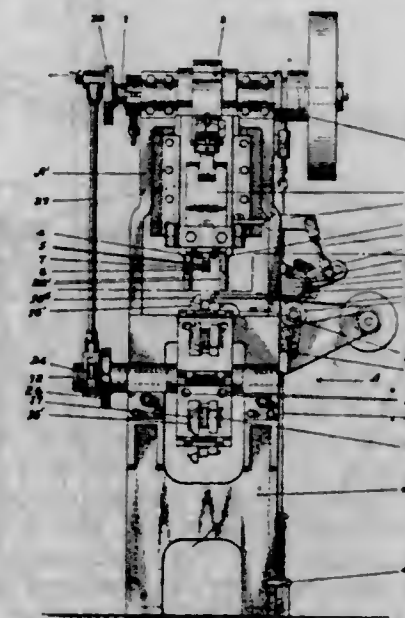
1. A tube end beveling and sealing device constructed of a molded ring of vulcanized rubber having a substantially cylindrical bore and tapering in cross-section from an intermediate zone toward each end.

1,642,457. RETORT. HOWARD JEROME MCELVAIN and HOWARD CLARK MCELVAIN, Portland, Oreg. Filed June 12, 1926. Serial No. 115,541. 5 Claims. (Cl. 202-15.)



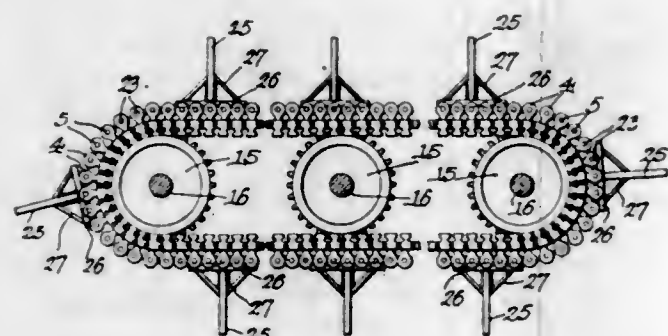
1. In a retort, the combination of a stationary cylinder; said stationary cylinder being inclined to the horizontal, peripherally spaced concentric cylinders revolvably mounted within said stationary cylinder; the innermost of said cylinders being of greatest length; longitudinal wings disposed upon the adjacent peripheral surfaces of said revolvable cylinders; intake and discharge openings formed in the periphery of said stationary cylinder; means permitting said revolvable cylinders being revolved around a common axis, and means for supplying heat within the innermost cylinder.

1,642,458. APPARATUS FOR ATTACHING HANDLES TO CLEAT PLATES. HENRY MILLER, San Francisco, Calif., assignor to American Can Company, San Francisco, Calif., a Corporation of New Jersey. Filed June 11, 1923. Serial No. 644,819. 13 Claims. (Cl. 113-1.)



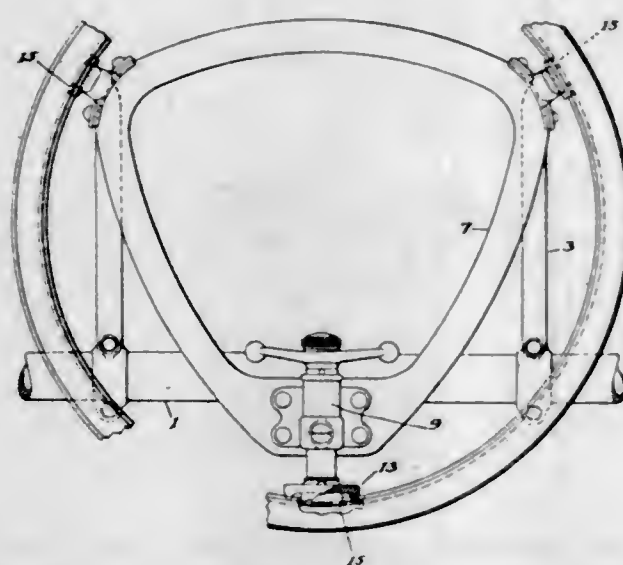
1. An apparatus for securing handles in fixed relation to cleats for attachments to containers, the same comprising means for receiving and advancing loosely positioned handles and cleats to an assembling station, devices situated adjacent said station for advancing strips of solder to overlap the positioned handle and cleat, reciprocating means for severing said strips of solder and flanging the projecting ends thereof at right angles to the flanged walls of the cleat, and devices adapted to tuck or bend the flanged end of said wire strips under the walls of the cleat.

1,642,459. SPROCKET CHAIN. JOHN STEVENS ORR, Augusta, Ky. Filed Jan. 3, 1927. Serial No. 158,653. 2 Claims. (Cl. 74—32.)



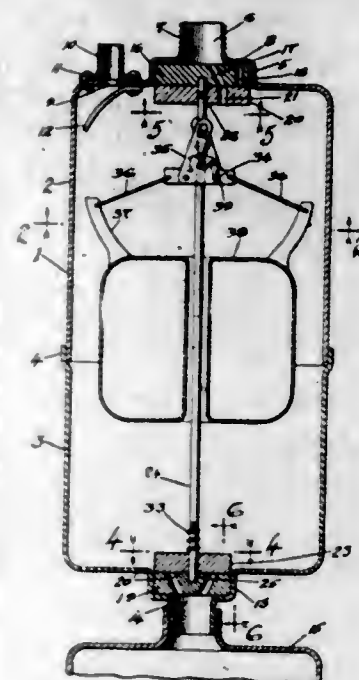
1. A sprocket chain comprising links, each having a body provided at one end with a reduced neck having an enlarged head, the body being provided at its other end with oppositely disposed recesses, the link being supplied intermediate its ends with oppositely extended projections having pivot openings, the projections of adjoining links being overlapped upon each other to bring the openings into registration, and pivot elements in the openings, the head of one link being in abutment at its edge with the head of an adjoining link.

1,642,460. SPARE-TIRE CARRIER. GUY E. PARKER, Detroit, Mich., assignor to General Motors Corporation, Detroit, Mich., a Corporation of Delaware. Filed Oct. 10, 1925. Serial No. 61,734. 6 Claims. (Cl. 224—29.)



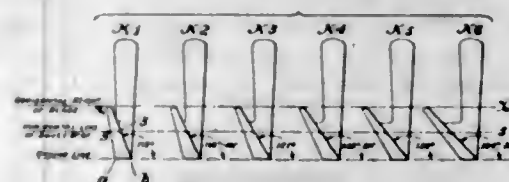
1. Spare tire carrying means for vehicles comprising a rim having inwardly and radially projecting lugs and a carrier having a plurality of cooperating grooves, one of which is closed at its ends to form a slot to thereby prevent a circumferential turning of the rim.

1,642,461. VACUUM TANK. HECTOR RABEZANA, Flint, Mich., assignor to A C Spark Plug Company, Flint, Mich. Filed Jan. 4, 1926. Serial No. 79,109. 14 Claims. (Cl. 103—236.)



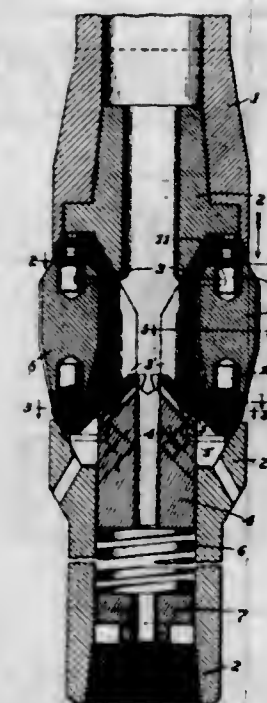
1. In a float chamber having an opening therein, a float, a fluid outlet, valves controlling said opening and outlet, means connecting said valves, means connecting said float to said connecting means whereby said valves are oscillated upon the reciprocation of the float.

1,642,462. GOLF CLUB. WILLIAM F. REACH, Springfield, Mass., assignor to A. G. Spalding & Bros., New York, N. Y., a Corporation of New Jersey. Filed Oct. 20, 1925. Serial No. 63,757. 2 Claims. (Cl. 273—77.)



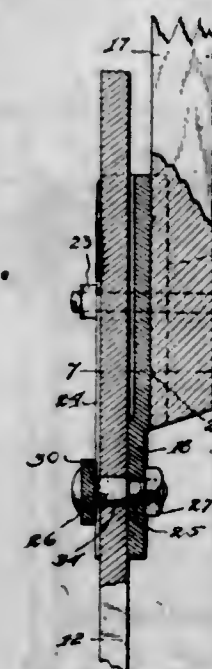
1. A series of golf clubs having the striking faces of their heads relatively increasingly inclined to the ground plane and with the same increment in degrees between successive heads, the heights of said heads measured perpendicularly from the ground plane being the same, and the sweet spot being at the same level on all the heads, substantially as described.

1,642,463. DEEP-WELL ROTARY DRILLING APPARATUS. CLARENCE E. REED, Wichita, Kans. Filed June 15, 1925. Serial No. 37,188. 19 Claims. (Cl. 255—71.)



2. In combination in a drilling apparatus, a body having a laterally open recess bounded by upper and lower parallel walls inclining upwardly and outwardly, a carrier mounted in the recess and guided at its top and bottom portions by said inclined guide walls, a reamer roller mounted in the carrier and means for exerting pressure upon the carrier to force the same outwardly along said inclined walls, substantially as described.

1,642,464. QUICK-CHANGE PUMP-ROD CONNECTION. ADELBERT W. R. SCHULTZ, Clarion, Iowa. Filed May 26, 1925. Serial No. 32,945. Renewed Apr. 8, 1927. 4 Claims. (Cl. 287—58.)



4. A coupling for connecting the lower end of a windmill rod to the upper end of a pump rod and comprising a body, means to secure said body on the lower end of the windmill rod, a pair of parallel flanges projecting

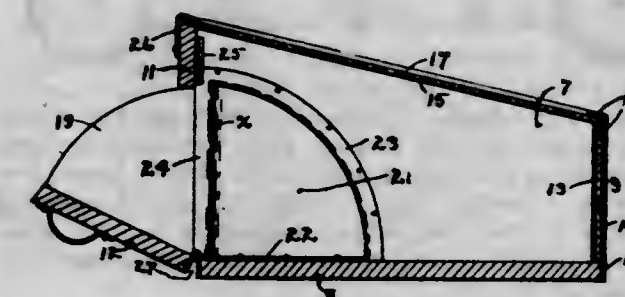
from the body and forming a vertical channel for the reception of the upper end of the pump rod, a pin projecting from said body between said channels to engage an opening in the pump rod, a boss on the outer side of one of said flanges, a pivot bolt supported in said boss parallel to said flange, a keeper plate having one end mounted on said pivot bolt to swing over the space between the flanges and thereby bridge the open side of the channel to hold the pump rod on said pin, and a dip projecting from the remaining flange and engage the free end of the plate and support the plate in bridging position.

1,642,465. TOOTH AND MASSAGE BRUSH. ROSCOE M. SHEETZ, Bradenton, Fla. Filed Apr. 15, 1927. Serial No. 184,128. 1 Claim. (Cl. 15—167.)



A tooth and massage brush comprising a handle and a head, the head having on each side edge a row of tufts of bristles which are inclined outwardly and are relatively long and of soft fibre and adapted to massage the gums and having an intermediate row of tufts of bristles which are relatively short and stiff and adapted to cleanse the teeth, substantially as described.

1,642,466. SALES-DISPLAY CABINET. JENS SORENSEN, Harlan, Iowa. Filed June 29, 1925. Serial No. 40,441. 1 Claim. (Cl. 211—25.)

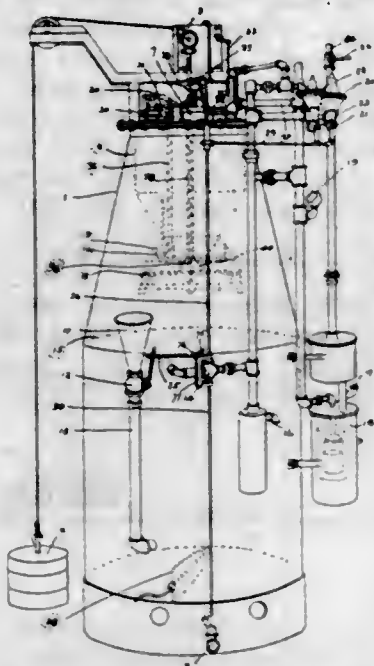


In a display cabinet, the combination with the bottom and side walls of a compartment of the cabinet, said compartment being closed at its front and having a wall-strip at its rear adjacent to its top, and having an opening between its bottom and said wall-strip, of a pair of segmental plates on the inner sides of the side walls, each plate having a longitudinally curved flange engaging one of said side walls and secured to a side and having a flange secured to the bottom of the compartment and a rectangular flange disposed adjacent to said opening with a part engaging said wall-strip, a hingebly mounted door for said opening, and a pair of segmental wings engaging between the housing-plates and side walls and secured to said door each of said wings having an inwardly extending stop flange at its inner end, and the rectangular flange of each of said segmental plates engaging the stop flange of the wing to limit the opening of the door.

1,642,467. ACETYLENE GENERATOR. LUDWIG W. STETTNER, Oakland, Calif. Filed Nov. 28, 1925. Serial No. 71,902. 2 Claims. (Cl. 48—52.)

1. In an acetylene generator having therein a water compartment and thereover a carbide hopper, a fixed table spaced under said hopper adapted to support carbide, an arm rotatable under said table, finger means carried by said arm and projecting over said table constructed and

adapted to progressively rake the carbide from the table to fall into the water as the arm rotates and including a finger adapted to engage portions of the carbide and a



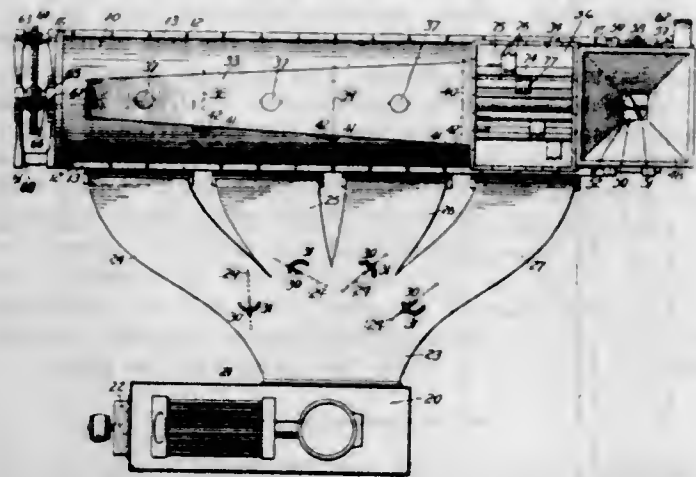
stem carrying said finger and swivelled to said arm and restoring means engaging said stem to force the finger to engage the carbide.

1,642,468. TOY VEHICLE. DONALD R. STUART, Council Bluffs, Iowa. Filed Apr. 15, 1926. Serial No. 102,109. 5 Claims. (Cl. 46-45.)



1. In a toy vehicle, a cylindrical body having a slot opening on its top and bottom, axes extending through said body at right-angles to said slot, a display object provided with a weight and mounted to permit swinging movements in the slot, wheels journaled on the axes, each wheel consisting of a tire and a hemispherical body outwardly of the tire.

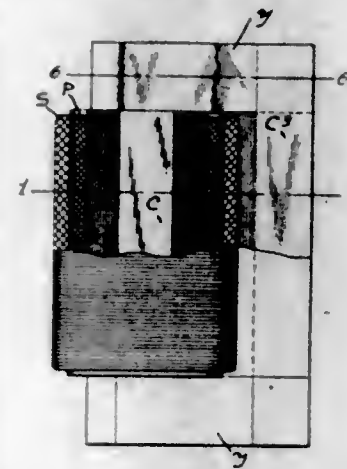
1,642,469. APPARATUS FOR DRYING HAY OR OTHER PRODUCTS. COMPTON J. TUCKER, Lees Summit, and LIONEL J. CHAPMAN, Kansas City, Mo. Filed July 13, 1926. Serial No. 122,143. 12 Claims. (Cl. 34-44.)



1. A drier of the character described comprising an elongated body portion, means for feeding hay into one end of said body portion, a discharge outlet at the other end of said body portion, spaced inlets for heating medium opening into said body portion, an outlet for said heating medium, agitating means in said body portion conveying

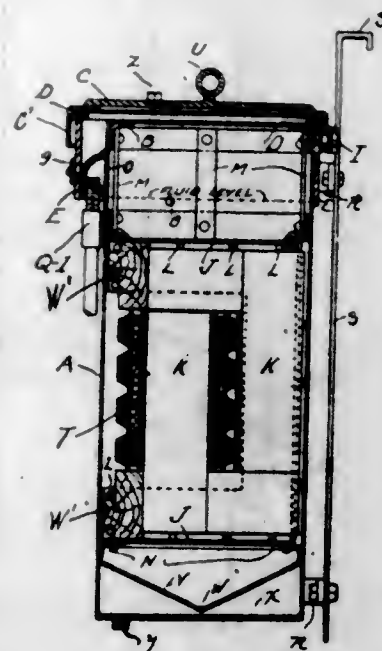
the hay toward said discharge outlet, said outlet including a passage serving all of said inlets and having an outlet arranged adjacent the end of the body portion at which the hay is fed to said body portion, and means in said outlet passage for interrupting flow of air therethrough.

1,642,470. ELECTRICAL TRANSFORMER CORE OR MAGNETIC CIRCUIT. CHARLES M. WELCH, Ogden, Ark. Filed Oct. 24, 1921. Serial No. 510,168. 10 Claims. (Cl. 175-356.)



1. In combination with a transformer, a laminated magnetic circuit therefor, a coil bearing core leg polygonal in cross section having a V-shaped section member composed of parallel plane laminae and a rhomb-shaped section member composed of other parallel laminae departing from the plane of the said parallel plane laminae, a non-coil bearing core leg V-shaped in cross section composed of parallel plane laminae, common yoke laminae interleaved across opposite coil ends joining the said coil bearing and non-coil bearing V-shaped section member parallel plane laminae, and yoke laminae having a bent end portion joining the said other parallel laminae having said departing plane composing the said rhomb-shaped section member to portions of said common yoke laminae and to portions of said coil bearing and non-coil bearing parallel plane V-shaped section member laminae and interleaved therewith across opposite coil ends.

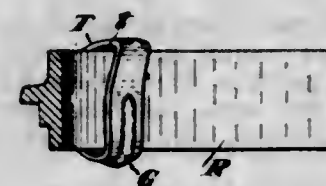
1,642,471. ELECTRICAL TRANSFORMER-CONTAINING CASE. CHARLES M. WELCH, Ogden, Ark. Filed Oct. 24, 1921. Serial No. 510,169. 13 Claims. (Cl. 175-361.)



1. In combination, a containing case having an opening formed at its upper end, a cover for closing said opening, a transformer within the containing case comprising a

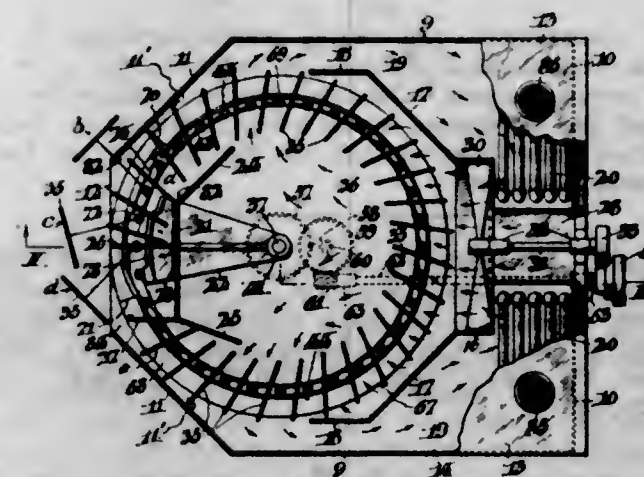
core clamped together, a supporting member for the transformer in the upper part of the casing, a means for securing the said core clamping means to the said supporting member forming a suspension frame for securing the said transformer in the said case, a detachable holding means extending through portions of the cover and the case and engaging the said frame cooperating with the said cover for suspending the transformer therefrom and securing the said cover on the said case, and terminal conductors for the transformer passing through the case.

1,642,472. TWISTER TRAVELER AND METHOD OF MAKING SAME. PHILIP C. WENTWORTH, Providence, R. I. Filed Aug. 26, 1926. Serial No. 131,667. 6 Claims. (Cl. 118-61.)



1. A traveler of the class described comprising a flat metal body having a channel bead formed longitudinally thereof, and disposed with its channel side on the inner face of the traveler.

1,642,473. DRYING MACHINE. HARRY H. WIGGLESWORTH and WILLIAM P. GABNER, Philadelphia, Pa., assignors to The Philadelphia Drying Machinery Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Apr. 18, 1924. Serial No. 707,346. 16 Claims. (Cl. 34-12.)



1. A drying machine comprising an enclosure with provision for egress and ingress of drying forms, pivotally mounted carriers for said forms, means for intermittently progressing the carriers, and quadri-functional trip mechanism operative concurrently with successive progressions to swing individual form carriers in reverse directions whereby exterior presentation and re-entry of said forms relative to the enclosure is accomplished.

1,642,474. DOOR-BUTT GAUGE. THOMAS PERRY WILLOUGHBY, Beaverton, Oreg. Filed Oct. 20, 1925. Serial No. 68,670. 4 Claims. (Cl. 33-194.)

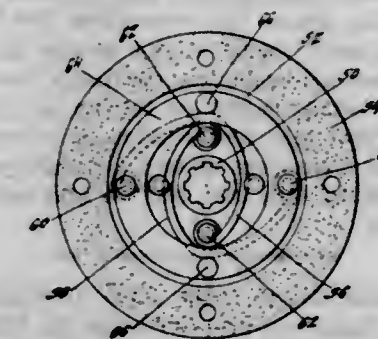
1. A door butt gauge, comprising an elongated sectional frame structure, marking heads in slidable relation-

ship with the frame structure; means for maintaining the marking heads in fixed position relative to said frame; an end stop slidably disposed upon one end of



said frame, adapted to engage with the head of a door frame and the upper edge of a door, to space the top of a door from said header; and marking blades disposed within the marking heads.

1,642,475. CLUTCH. CLARENCE G. WOOD, Muncie, Ind. Filed Aug. 8, 1924. Serial No. 730,944. 2 Claims. (Cl. 192-68.)

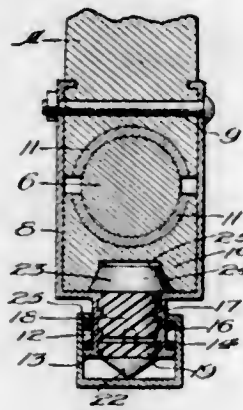


1. In a clutch of the class described, a rotating hub; a clutch plate surrounding said hub; and two springs intermediate said hub and plate and through which one is driven from the other; said springs being U-shaped in form and the outer ends thereof being connected with said plate at diametrically opposite points, and the inner ends to said hub also at diametrically opposite points spaced, however, substantially 90 degrees from said first mentioned points.

1,642,476. AUTOMATIC TAKE-UP BEARING. JOHN A. ANDERSON, Geneseo, Ill., assignor to Bartlett S. Gray, trustee, Geneseo, Ill. Filed Nov. 26, 1926. Serial No. 150,833. 6 Claims. (Cl. 308-67.)

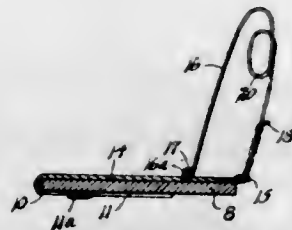
6. A bearing having two members, one fixed and the other adjustable, screw means bearing against the adjustable member, a mounting for the screw means stationary with relation to the fixed bearing, the interengag-

ing threads of the screw means and mounting being of such a pitch as to induce travel of the screw means in



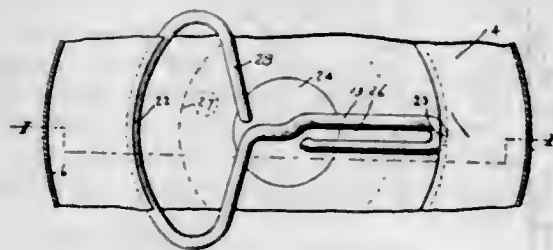
response to pressure exerted endwise thereupon, and tension means associated with the screw means for applying an end pressure thereto, substantially as described.

1,642,477. FOLDING CHAIR. OSCAR ANDERSON, Crosby, Minn. Filed Feb. 19, 1925. Serial No. 10,251. 2 Claims. (Cl. 155-133.)



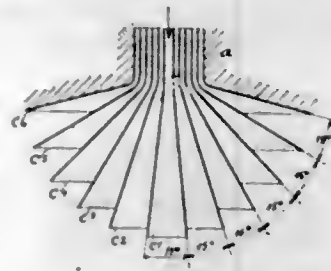
1. A folding chair having in combination a seat section and a spring skeleton back section, said back section comprising a pair of substantially U-shaped resilient wires having their outer legs pivoted intermediate the sides of said seat section, means for connecting the inner legs of said U-shaped wires together and means at the rear of said seat section for engaging the inner legs of said U-shaped wires, whereby said back section may be either collapsed flat against said seat section or raised to upward position and the inner legs of said U-shaped wires may be sprung back behind said seat section and secured by said engaging means.

1,642,478. COMBINED CAN AND OPENER. GEORGE A. BARDET, Berkeley, and WILFORD E. BURNS, Burlingame, Calif., assignors to M. J. B. Co., a Corporation of Delaware. Filed June 16, 1926. Serial No. 116,392. 3 Claims. (Cl. 220-52.)



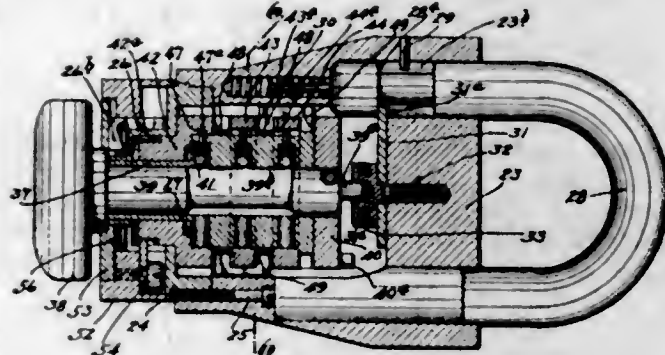
1. In a can adapted to be opened by a finger operable key, a flanged portion having an annular recess with an overhanging edge flanged from the can material and adapted to receive and to frictionally hold a finger operable key, said flanged portion depressed in an otherwise flat part of said can, and a finger space further depressed in and below the bottom of said recess.

1,642,479. DEVICE FOR REDUCING THE ENERGY OF FLOW OF A FLOWING FLUID. HANS BARTHEL and PAUL KERTH, Cologne-Dellbrück, Germany, assignors to the Firm Alfred Wassmuth G. m. b. H. & Co., Köln-Dellbrück, Germany. Filed Sept. 8, 1926. Serial No. 134,311, and in Germany Sept. 21, 1925. 1 Claim. (Cl. 98-40.)



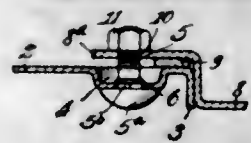
A device for reducing the energy of air-flow comprising six concentric and conical partitions for subdividing the air-current, the partition in the centre having a width of no more than 30° while the other partitions form with the middle partition and with each other angles of 15°.

1,642,480. LOCK. ARTHUR L. BEARD, Minneapolis, Minn. Filed Feb. 18, 1925. Serial No. 10,122. 30 Claims. (Cl. 70-113.)



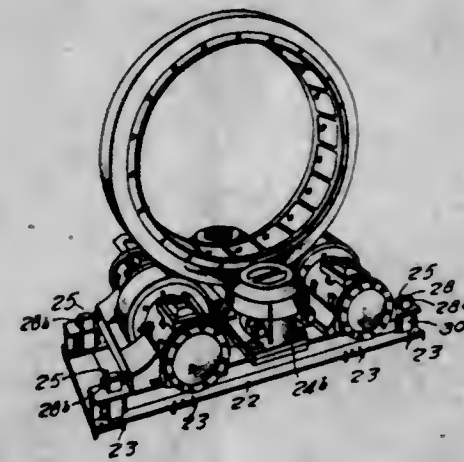
1. A combination lock having tumblers arranged to be set in lock-releasing positions by predetermined step by step movements, and a tumbler actuator arranged for repeated like movements which when performed in predetermined order and number set the tumblers in lock-releasing positions.

1,642,481. FASTENING FOR THE COVERS OF METALLIC DRUMS. WILLIAM M. BELL, Portsmouth, Ohio, assignor to Wheeling Steel Corporation, Wheeling, W. Va., a Corporation of West Virginia. Filed Mar. 18, 1924. Serial No. 699,976. 1 Claim. (Cl. 220-55.)



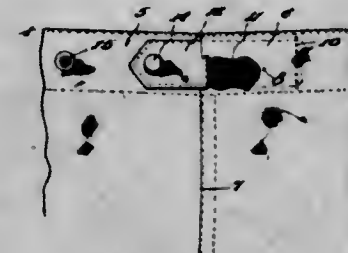
In a metallic drum, a head having a central opening therein, and having a plurality of relatively spaced depressed sockets formed therein in encircling relation to said opening, the metal at the bottom of said sockets having polygonal holes therein, bolts directed upward through and non-rotatably fixed in said holes, said bolts having the portions thereof received in said holes of a size and form corresponding to the latter and having portions of the metal thereof swaged downwardly thereby they are permanently fixed in place, and a sheet metal cover adapted to be seated in said opening, said cover having an annular flange provided with holes for the reception of said bolts.

1,642,482. SUPPORTING FRAME FOR BEARINGS. RICHARD BERNHARD, Allentown, Pa., assignor to Traylor Engineering & Manufacturing Company, Allentown, Pa., a Corporation of Delaware. Filed Mar. 14, 1927. Serial No. 175,370. 5 Claims. (Cl. 308-203.)



1. A structural frame for supporting the supporting rollers and thrust rollers and their bearing for rotary kilns or the like, comprising a pair of spaced rolled steel girders of I-formation, each girder having a pair of holes in each end thereof, one hole on each side of the girder web, channel bars connecting the ends of the girders and having their webs secured to the lower flanges of the girders and their flanges extending downwardly to be embedded in concrete, an I-beam connecting the webs of the girders centrally thereof, and bearing adjusting means adapted to be inserted in said holes and to engage said bearings.

1,642,483. PYJAMA TROUSERS. IRVIN BLOOMENTHAL, Harrisburg, Pa. Filed Feb. 10, 1926. Serial No. 87,396. 1 Claim. (Cl. 2-237.)

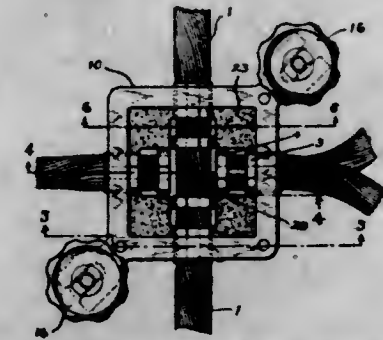


A garment including a waist band having inner and outer plies, the outer ply having a portion turned in and free from the inner ply to provide an opening constituting an entrance to a pocket between the plies, a strip of elastic extending longitudinally in said pocket and secured at its inner end between the plies, said elastic strip being of a length to normally dispose it entirely within the pocket, fastener members secured to the outer face of said waist band in spaced relation to the entrance to said pocket and spaced from each other longitudinally of the waist band, and a tab of non-elastic material secured to the outer end of said elastic strip and extending longitudinally therefrom out of the open end of the pocket and adapted to be releasably engaged with a selected one of said fastener members and retain a portion of the waist band folded inwardly.

1,642,484. CABLE SPLICING. LYNN S. BURGESS, Cleveland, Ohio, assignor to The Rail Welding & Bonding Company, Cleveland, Ohio, a Corporation of Delaware. Filed Feb. 28, 1925. Serial No. 12,215. 11 Claims. (Cl. 22-118.)

9. A mold for cable-splicing comprising a rectangular copper frame consisting of two co-operating parts one superimposable upon the other, metal strips across the bottom of the frame for supporting the carbon bottom

of the mold cavity, a rectangular aperture in each side of the copper frame the bottoms of all of said apertures lying in the same horizontal plane said apertures being formed partially in the lower and partially in the upper portion of said frame, a carbon plate within said frame



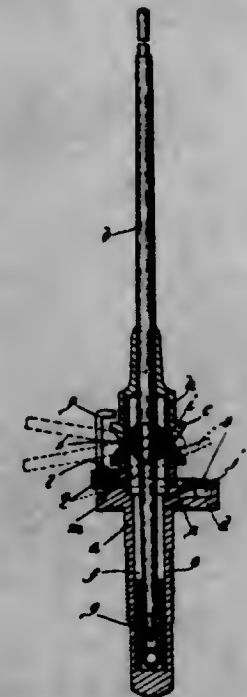
and supported upon said metal strips to form the bottom of the mold cavity, a centrally disposed recess in said carbon plate to receive any excess tarry material, and removable carbon blocks on said carbon plate within said frame, said carbon blocks forming the sides of the mold cavity within the mold.

1,642,485. BIMETALLIC ELEMENT. WILLIAM M. CHACE, Detroit, Mich., assignor to W. M. Chace Valve Company, a Corporation of Michigan. Filed July 6, 1925. Serial No. 41,887. 4 Claims. (Cl. 297-15.)

2. A bimetallic element having as one of the said elements a nickel-steel alloy in which the nickel content is not greater than forty-two per cent to which is welded a steel containing approximately the following composition—

	Per cent.
Carbon	.50
Manganese	.70
Silicon	1.75
Chromium	8.00
Nickel	22.00
Copper	2.00
Cobalt	1.00
Iron	64.05

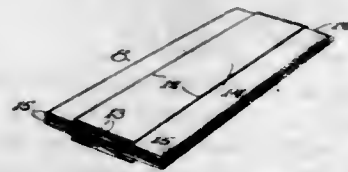
1,642,486. SPINDLE AND BASE. FRED HILDREDTH CHAPMAN, Pepperell, Mass., assignor to Acme Ball Bearing Spindle Company, Franklin, N. H., a Corporation of New Hampshire. Filed Apr. 22, 1926. Serial No. 103,826. 7 Claims. (Cl. 308-228.)



1. A spindle of the character set forth comprising a base, a blade and whirl mounted in the base, said base having a flange with an oil pocket communicating with

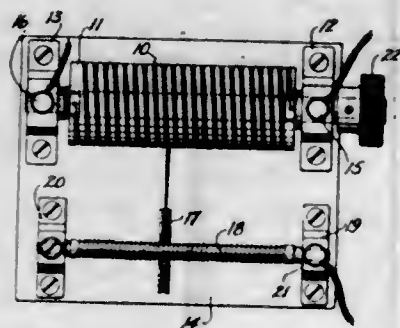
the blade receiving socket in its top surface at the forward side of the blade, a plate hinged to the base and forming a cover for said oil pocket, and a doffer guard carried by the plate to engage the whirl and located at the opposite side of the hinge axis of the plate from the oil pocket, the base and plate being free from obstruction in the plane of the whirl.

1,642,487. FOLDED NAPKIN AND METHOD OF FOLDING SAME. PETER J. CHRISTMAN, Green Bay, Wis. Filed May 3, 1926. Serial No. 106,504. 1 Claim. (Cl. 206-57.)



A sheet of work material folded upon itself, along parallel lines, to form a middle section of predetermined width, the portion at one side of said middle section being reverse folded upon a parallel line intermediate the middle section and the edge of said portion to extend behind said middle section, the free edge and the fold of said portion being at opposite sides of and equidistant from said middle section and the portion at the opposite side of the middle section being folded in a similar reverse manner back against the already folded side portion, the free edge and the fold of said portion being at opposite sides of and equidistant from said middle section and the whole then being transversely folded at approximately the center of the unit.

1,642,488. ELECTRICAL COIL. HENRY P. CLAUSEN, Mamaroneck, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed July 2, 1923. Serial No. 648,882. 2 Claims. (Cl. 171-119.)



1. A variable electrical coil comprising a rotatable insulating cylinder having a helically grooved periphery, a winding of bare conductor in the grooves, a circular metallic element carrying at least a portion of one turn of said conductor, means for rotating said cylinder, and means associated with said element for causing it to move with the loop of the conductor and to maintain continuous electrical connection therewith.

1,642,489. ADJUSTABLE WINDOW SHADE. BENJAMIN G. CONNER, Los Angeles, Calif., assignor to 2-Way Window-Shade Company, a Corporation. Filed June 9, 1925. Serial No. 35,920. 5 Claims. (Cl. 156-27.)

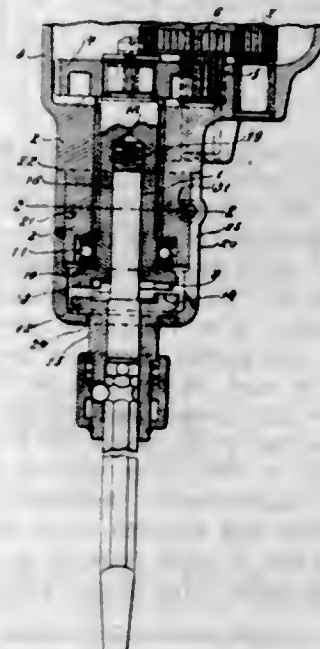
1. An adjustable window shade comprising a roller, pintles projecting from the ends thereof, fixture plates in which said pintles are mounted, a slotted ear projecting from each plate, which ear is adapted to receive an at-

taching screw an off-set ear depending from each plate, a channeled guide member having its upper end embracing the depending off set ear of each plate, the lower end of each guideway being provided with a screw receiving



slot, runners arranged for sliding movement in the channeled guideway, cords secured to said runners and to the end portions of said roller, a cord secured to and depending from one of said runners and a shade carrying roller having its pintles engaged in said runners.

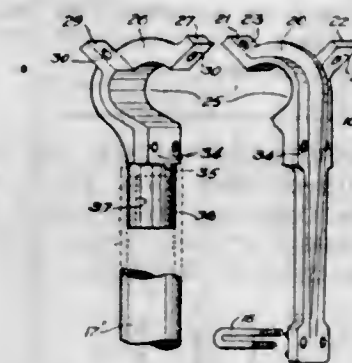
1,642,490. PORTABLE POWER-DRIVEN SCREW DRIVER AND WRENCH-CLUTCH CUP. ALONZO G. DECKER, Baltimore County, Md., assignor to The Black & Decker Manufacturing Company, Towson, Md., a Corporation of Maryland. Filed Oct. 9, 1926. Serial No. 140,479. 2 Claims. (Cl. 144-32.)



1. In a portable power driven tool having a casing with a projecting spindle bearing member, a spindle rotating in said bearing member, a tool shaft aligned with said spindle, a clutch for connecting said members, a cup enclosing the clutch to support one clutch member when disengaged and fitting the bearing member, the cup being apertured at the bottom to pass the tool shaft

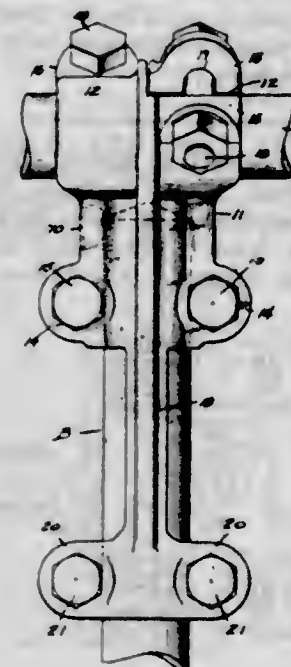
and being slotted longitudinally, means transverse to the slot engaging the cup on both sides of the slot for closing the latter, causing the cup to grip the hub.

1,642,491. ELECTRICAL T CONNECTER. BERNARD DIBNER, Brooklyn, N. Y. Filed Mar. 31, 1924. Serial No. 703,143. 11 Claims. (Cl. 173-273.)



1. In an electrical T connector, the combination of a body member having a contacting surface projecting beyond the vertical center line of the body to support the latter in hanging position, and a complementary cap member having a contacting surface projecting beyond its vertical center line to support the cap in hanging position, said projecting contacting surfaces cooperating to form a circumferential contacting surface.

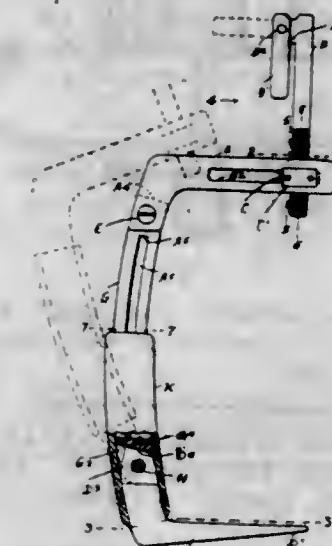
1,642,492. ELECTRICAL T CONNECTER. ABRAHAM BERNARD DIBNER, Brooklyn, N. Y. Filed June 17, 1925. Serial No. 37,753. 4 Claims. (Cl. 173-273.)



1. A T connector for electric installations comprising similar, interchangeable clamping members, each member having a body and a head portion provided with a hook projection extending beyond the vertical center line of said body for freely supporting said members in suspension from a conductor, each of said members having a depending portion adapted to embrace one half of a branch conductor and means for adjusting said members to clamp the latter about both conductors.

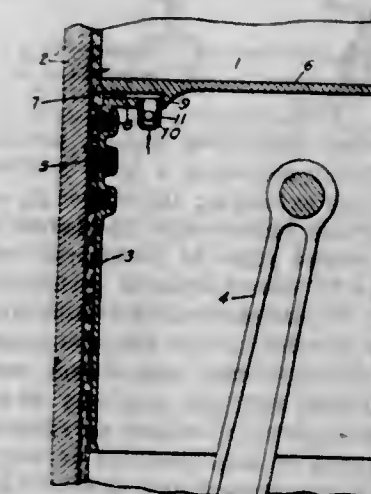
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1,642,493. COMBINATION TOOL. ALBERT M. ESTERLINE, LESLIE E. BURNS, and WALTER L. ESTERLINE, Muncie, Ind. Filed Aug. 28, 1926. Serial No. 132,288. 4 Claims. (Cl. 29-86.3.)



1. A tool of the kind described comprising a C shaped frame, the head portion and the foot portion thereof being in opposed relation to each other, there being a longitudinal aperture in the head portion, a cross head loosely retained in said aperture, and a power shaft retained adjustably in said cross head.

1,642,494. INTERNAL-COMBUSTION ENGINE. WALTER L. HARTZELL, Evanston, Ill. Filed Nov. 29, 1924. Serial No. 752,871. 4 Claims. (Cl. 123-196.)

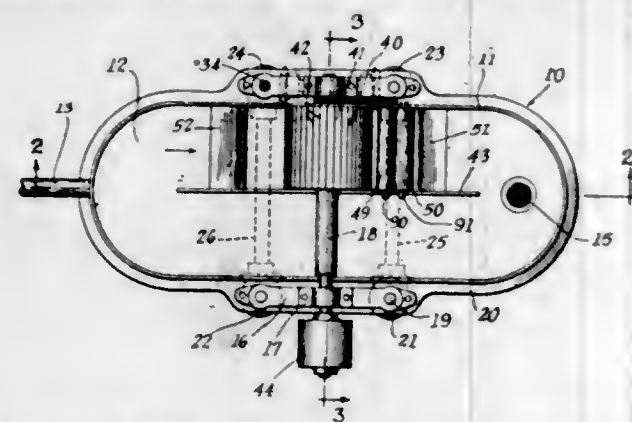


1. The combination with a cylinder having lubricated walls, of a piston for operation therein and having an opening and adapted to automatically open in one closed end thereof, and a valve device interposed in said opening and adapted to automatically open in one direction of travel of said piston.

1,642,495. PROCESS FOR MAKING PAPER. JOHN ALLEN HEANY, New Haven, Conn., assignor to World Bestos Corporation, Paterson, N. J., a Corporation of Delaware. Filed Feb. 15, 1924. Serial No. 692,947. 8 Claims. (Cl. 92-24.)

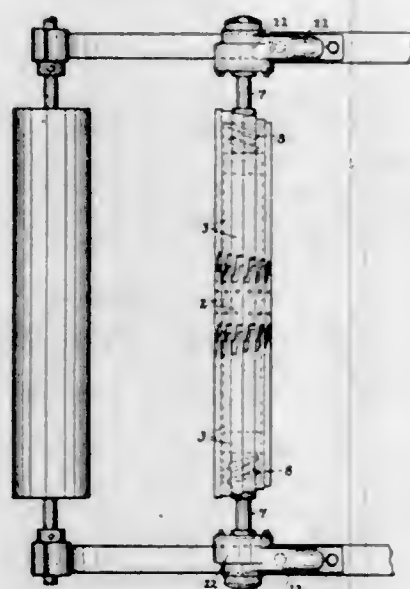
8. A process of loosening fibre of asbestos material, which comprises mixing the fibre with a liquid to form a pulp; subjecting the material in succession to beating

action; a compression action; and a soaking action; compressing the asbestos material in sheet form; drying



the sheet asbestos material; and finally subjecting the asbestos material to a second pressure operation to size and compact the same.

1,642,496. FABRIC-SPREADING APPARATUS. FLORENT HINNEKENS, Paterson, N. J. Filed Aug. 21, 1926. Serial No. 130,629. 4 Claims. (Cl. 26-64.)

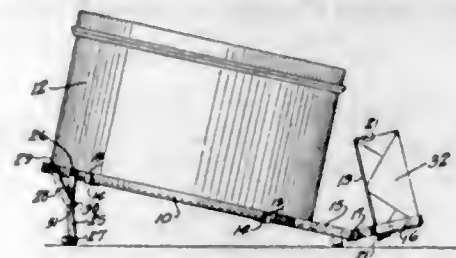


1. In combination, supporting means, means to change the width of a fabric including a body revoluble in each direction on an axis extending therethrough and adapted to be revolved by the fabric when the latter is advanced in one direction or the other in peripheral contact therewith and having the fabric-engaged periphery of a part thereof composed of portions movable individually lengthwise of said axis relative to the fabric-engaged periphery of another part of said body, and a cam structure having a camway formed with two portions of substantially equal length and oppositely oblique to said axis and arranged to be engaged by said portions of said body when rotating, said cam structure being shiftable by and with said body as the latter rotates one way or the other, and the supporting means having means to limit the shifting of the cam structure one way or the other a distance substantially equal to the length of one of its said camway portions.

1,642,497. DISPLAY DEVICE. SAMUEL N. HOPE, Milwaukee, Wis., assignor to The Campfire Company, Milwaukee, Wis., a Corporation of Wisconsin. Filed Jan. 23, 1925. Serial No. 4,261. 4 Claims. (Cl. 211-24.)

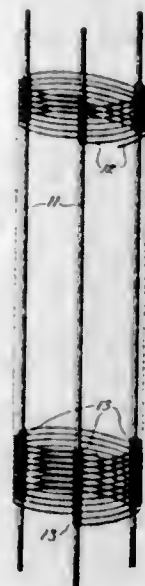
1. A display device, comprising a loop member adapted to support a container therein, leg members pivotally mounted on said loop for supporting it in an inclined position, and brace members pivotally secured to the loop in spaced relation to said leg members and having relatively fixed laterally projecting free end portions engageable with said leg members for preventing their swinging movement in both directions when in supporting position, said brace members being releasable from

their supporting engagement with said leg members by their relative lateral displacement with respect to the



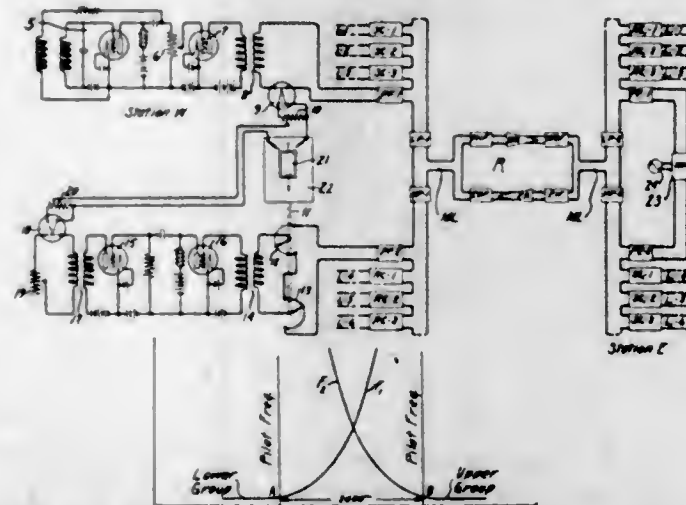
swinging plane of said leg members and said leg members and brace members being swingable into the plane of the loop when not in use.

1,642,498. ELECTRON-DISCHARGE DEVICE. WILLIAM G. HOSKES, New York, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Oct. 30, 1922. Serial No. 597,747. 7 Claims. (Cl. 250-275.)



2. In combination, a plurality of frame members, and a wire helix surrounding said frame members, said helix being provided at regular intervals with coils surrounding said frame members.

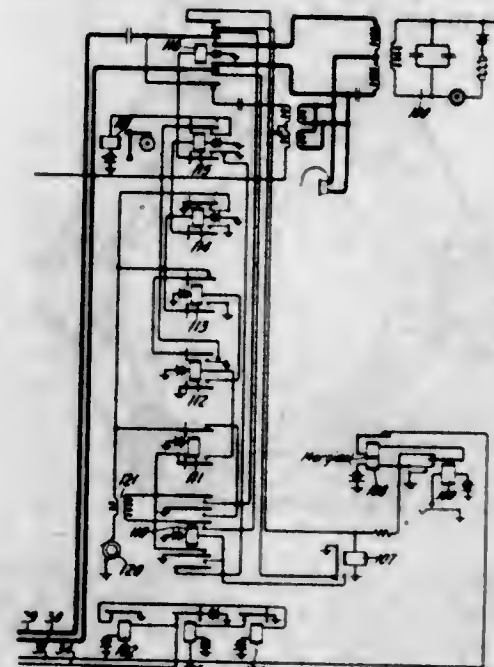
1,642,499. TRANSMISSION REGULATION. JACOB S. JAMMER, New York, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Mar. 11, 1924. Serial No. 698,355. 15 Claims. (Cl. 178-44.)



1. The method of transmission regulation which comprises transmitting a control wave from a control station to a remote station over a medium whose transmission efficiency is variable under different conditions, amplifying the wave received at the remote station, retransmitting over said medium to the control station a

wave of an amplitude proportional to that of the control wave received at the remote station, and utilizing the transmitted wave and the retransmitted wave at the control station to indicate variations in the transmission characteristics of said medium.

1,642,500. TELEPHONE SYSTEM. WALTER C. KIESEL, Madison, N. J., and CLARENCE B. FOWLER, Queens, N. Y., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y., a Corporation of New York. Filed Aug. 12, 1925. Serial No. 49,728. 1 Claim. (Cl. 179-9.)



In a telephone system, link circuits, an operator's telephone set, means for connecting said set to one of said link circuits comprising a train of relays sequentially operated for connecting said set to said one of said link circuits, said train of relays controlling means to transmit signalling current over said link circuit, means to disconnect said set from said link circuit and release said train of relays sequentially, a meter, and means controlled by said relays in releasing for operating said meter.

1,642,501. LATCH AND LOCK MECHANISM. JOHN KNEEL, Aurora, Ill., assignor to All-Steel-Equip Company, a Corporation of Illinois. Filed Mar. 25, 1927. Serial No. 178,218. 9 Claims. (Cl. 292-332.)



1. In combination with a locker having a door hinged thereto, a keeper on said locker, a resilient curved latching bar on said door, means associated with said bar for

engaging said keeper, said means being provided with a shoulder for holding said bar in elevated position, a striker plate for engaging said means when the door is closed for releasing said shoulder, and means for lowering said bar to cause said first named means to engage said keeper.

2. A latching mechanism for doors comprising a latching bar, said bar being curved between its ends, and a hook on each end portion of said bar extending in the direction opposite to said curve.

1,642,502. FREIGHT-HANDLER'S TRUCK. RUDOLF KRASBERG, Chicago, Ill. Filed Sept. 28, 1925. Serial No. 59,033. 2 Claims. (Cl. 280-35.)



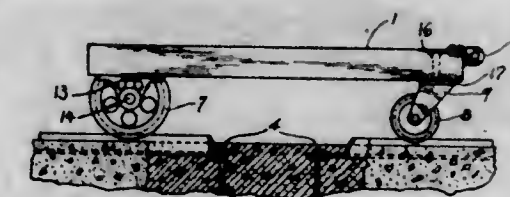
1. A dolly comprising a pair of wheels, an axle therefor consisting of a plurality of sections having opposed inner end portions of polygonal cross section telescopically associated with each other and non-rotatable relatively to each other for permitting the spacing of the wheels to be adjusted to the requirements of a load to be supported upon the telescopically associated portions, the latter being disposed below and parallel with the axis of rotation of said wheels.

1,642,503. BOBBIN FOR LOOMS. JONATHAN LUCAS, Savannah, Ga., assignor to Lucas-Lamborn Loom Corp., New York, N. Y., a Corporation of New York. Filed Oct. 31, 1925. Serial No. 65,934. 9 Claims. (Cl. 139-289.)



1. The combination of a bobbin of the kind described, a tripping device carried by said bobbin and held in an inoperative position thereon by the yarn upon said bobbin, said device automatically assuming an operative tripping position when the supply of yarn on said bobbin is exhausted and independent means carried by said bobbin and connected with said tripping device whereby the latter is automatically adjusted to its inoperative position when said bobbin is placed upon the spindle of a winding machine for receiving a supply of yarn.

1,642,504. CAR CONSTRUCTION. LAURITZ N. MILLER, Eugene, Ore. Filed July 22, 1926. Serial No. 124,213. 4 Claims. (Cl. 105-170.)



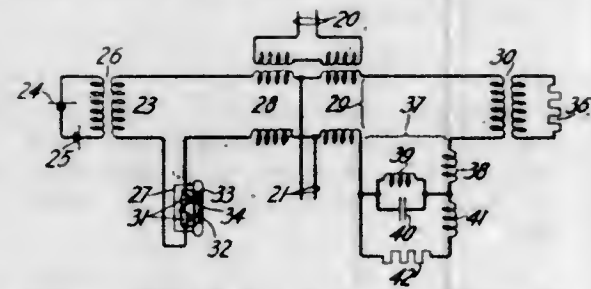
1. A car provided with rear wheels having fixed axes, and front wheels of caster construction, each of said wheels being adapted either to receive a trackway or to run on a surface.

1,642,505. PROCESS OF TREATING CHEAP SKINS IN IMITATION OF MORE EXPENSIVE FURS. ALFRED NATHAN, Leipzig, Germany. Filed Apr. 13, 1926. Serial No. 101,808, and in Germany June 24, 1925. 1 Claim. (Cl. 101—32.)



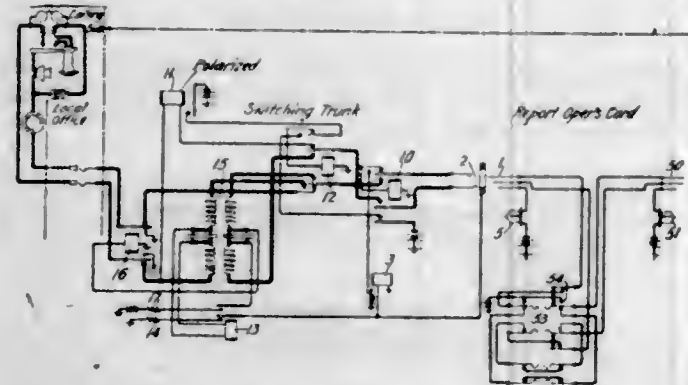
The process of treating a natural fur to impart to it an appearance of a different natural fur, which consists in taking a unicolored natural skin having short or smooth hairs upon its haired side and embossing the said haired side of said skin with markings of a pattern and coloring corresponding to the natural fur to be imitated while physically displacing hairs at points from their natural positions so as to produce hair "partings" with color shades giving different light reflexes.

1,642,506. WAVE-TRANSMISSION SYSTEM. EDWARD L. NORTON, New York, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a Corporation of New York. Filed Sept. 23, 1926. Serial No. 137,270. 8 Claims. (Cl. 178—44.)



1. A homogeneous wave transmission system for simulating the wave transmission characteristics of a composite wave transmission system having an electrical portion and mechanical portion, said homogeneous system comprising one part having an impedance equal to the impedance of one portion of the composite system and a second part having an impedance inversely proportional to the impedance of the other portion of the composite system.

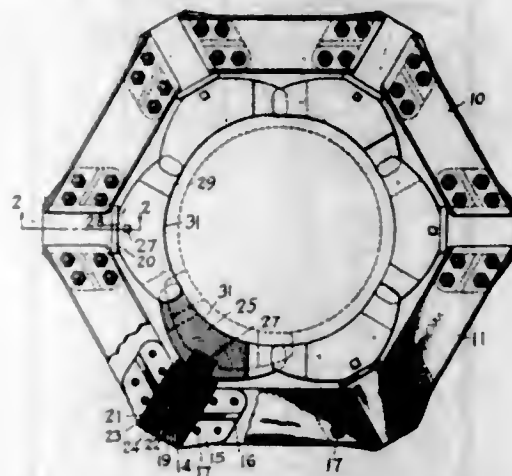
1,642,507. TELEPHONE SYSTEM. LESLIE F. PORTER, Passaic, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed June 25, 1925. Serial No. 39,404. 5 Claims. (Cl. 179—45.)



1. In a telephone system, subscribers' lines, means at a dispatch office for extending a connection from a subscriber's line through said dispatch office including a switching trunk incoming from the subscriber's line, a report operator's cord, an assignment trunk and a dis-

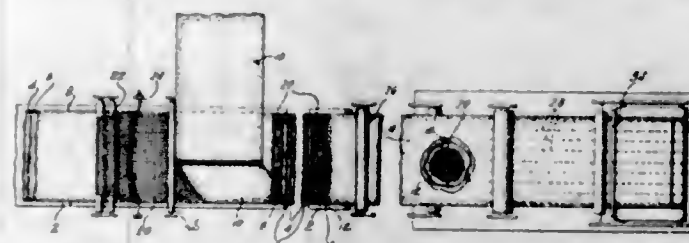
patch operator's cord connected in series, means for simultaneously signaling at the report operator's cord over the sleeve conductors of the switching trunk and the report operator's cord and at the dispatch operator's cord over the ring conductors of the switching trunk, the report operator's cord, the assignment trunk and the dispatch operator's cord comprising sources of current and means responsive to the act of the subscriber in replacing his receiver for applying currents from said source to said switching trunk.

1,642,508. CABLE SQUEEZER. HOLTON D. ROBINSON, New York, N. Y. Filed June 14, 1926. Serial No. 115,788. 9 Claims. (Cl. 144—297.)



1. In a squeezer for suspension bridge cables, adapted to be arranged in position at various points in a cable for exerting pressure thereon, a series of stationary frame segments, each subtending a central angle not greater than 120°, means for detachably securing said segments together, a series of independently movable cooperating compressor members arranged for movement radially only of and relatively to said segments, a ram at the outer end of each of said members, and a cylinder having an opening in the end thereof, for said ram whereby said ram may be operated by the hydraulic pressure of a liquid forced through into said cylinder through the openings thereof.

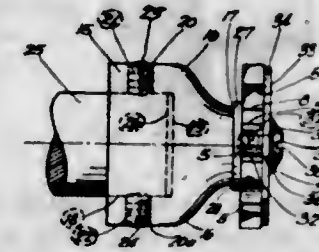
1,642,509. COTTON BATTING AND PROCESS OF MAKING THE SAME. EDWARD ALBERT ROGERS, Lockport, N. Y., assignor to Lockport Cotton Bating Co., Lockport, N. Y., a Corporation of New York. Filed Nov. 11, 1924. Serial No. 749,209. 13 Claims. (Cl. 134—33.)



11. The process of forming reinforced cotton batting suitable for use in comforters, which consists in laying down on the forming apron one or more zigzag layers of cotton with the run of the fibres oblique to the travel of the apron, then laying upon the cotton a loosely-woven webbing of such open rectangular mesh as to permit the interlocking therethrough of the fibres of layers of cotton on the opposite faces thereof and, during the laying operation, stretching said webbing both longitudinally and laterally so that the warp threads of said webbing extend in substantially straight lines lengthwise of the batting and the weft threads extend in substantially straight lines across the batting, then laying one or more zigzag layers of cotton over the webbing with the run of the fibres oblique to the travel of the apron, pressing the cotton of the upper and lower layers into interlocked relation through the interstices of the webbing while the

threads of the webbing are still in their initially laid relation, and, while the parts of the batting are thus in their predetermined relations to each other, tacking the parts of the batting together by relatively widely spaced lines of stitching.

1,642,510. STITCH PICK. HOMER A. ROWLETT, Oklahoma City, Okla. Filed Feb. 14, 1927. Serial No. 167,996. 1 Claim. (Cl. 12—17.)



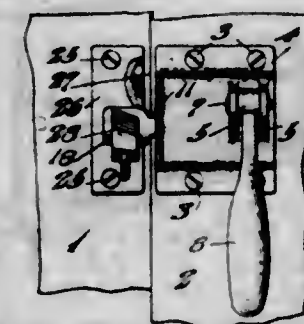
In a stitch removing device, a body member having an inner end portion provided with a bore for receiving therein the shaft of a finishing machine, set screws carried by said body member for securing the same to said shaft, said body member having an outer portion provided with a flange, a square portion projecting outwardly beyond the flange, and a round centrally disposed portion on said square portion and said flange, a cutting member having a square shaped opening fitted on said squared portion of said member, a plurality of claw shaped teeth on said cutting member, a guard having an opening adapted to be received on said round projecting portion and adapted to cover said teeth except at their outer end portions and a cap screw for retaining said guard in position, whereby the cap screw holds the guard and the cutting member on said body member but permits the guard member to revolve independently of the cutting member.

1,642,511. COPPER-ARSENIC DUST. GEORGE E. SANDERS, Deloro, Ontario, Canada, assignor to Riches, Piver & Co., a Corporation of New Jersey. Original application filed Dec. 23, 1920. Serial No. 432,692. Divided and this application filed Aug. 9, 1924. Serial No. 731,203. 7 Claims. (Cl. 167—6.)

2. A method for making a combined insecticide and fungicide in dry powder form, comprising first mixing together white arsenic, lime and sufficient water to hydrate the lime and form a paste, adding a soluble metallic salt having fungicidal value thereto and then adding lime sufficiently in excess to take up all free water.

7. The method of forming a powdered insecticide and fungicide suitable for dusting, comprising reacting white arsenic with a copper salt having fungicidal value, in the presence of slacking lime then adding more lime thereto, the lime being in excess sufficient to take up all free water and produce the product in a dry powder form.

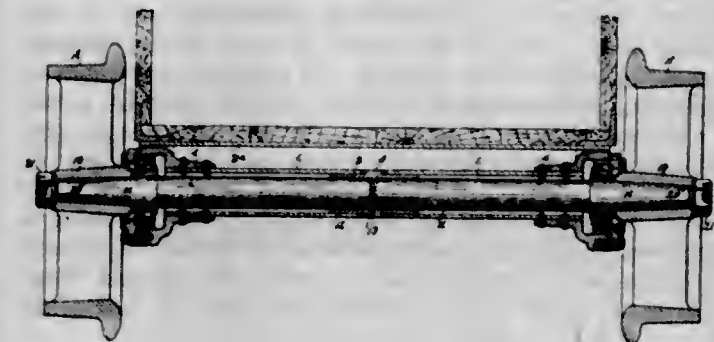
1,642,512. LATCH DEVICE FOR REFRIGERATOR DOORS. THOMAS O. SCHRAEDER, Allentown, Pa., assignor to Dent Hardware Co., Fullerton, Pa., a Corporation of Pennsylvania. Filed July 14, 1925. Serial No. 43,474. 1 Claim. (Cl. 292—332.)



A latch of the character stated comprising a casing of integral structure the rear of which is open and is re-

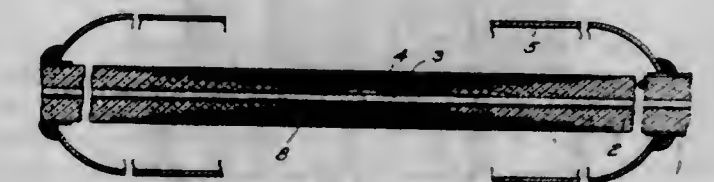
cessed to receive a plate, a stud projected rearwardly of said casing, a swinging bolt arranged upon a horizontal inclination and pivoted upon said stud, one end of which is provided with a spring receiving lug, the intermediate end of which is notched and the opposite end of which projects longitudinally from said casing, is bifurcated, and is provided with a roller, the axis of which substantially parallels the axis of said swinging bolt, a coiled spring one end of which is fixed with respect to said lug and the opposite end of which is secured with respect to said casing, the longitudinal axis of the spring and the longitudinal axis of said lever being arranged in parallelism, a projection upon the inner part of said casing with which the notched part of said swinging bolt cooperates to temporarily hold the swinging bolt in horizontally inclined position, a vertically arranged handle pivoted to said casing and provided with a rearwardly extended member for engaging an apertured part of said swinging bolt, a plate detachably secured to the said recessed rear of said casing, said plate having an inclined part with which said handle cooperates to tilt said swinging bolt, a screw for removably securing said plate to said stud, a keeper having upper and lower projections, and a central recess with which the roller of said swinging bolt is adapted to cooperate during a latching operation.

1,642,513. DIFFERENTIATING MINE-CAR AXLE. WILLIAM L. SCRIBNER, Canton, Ohio, assignor to The Timken Roller Bearing Company, Canton, Ohio, a Corporation of Ohio. Filed Dec. 21, 1925. Serial No. 76,822. 2 Claims. (Cl. 295—35.)



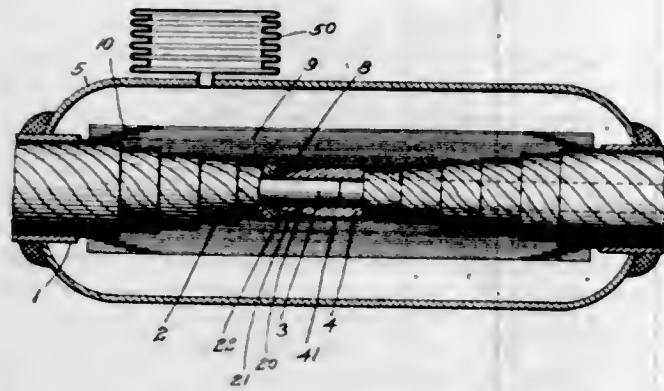
1. A differentiating axle including a tubular axle housing, a central journal bearing therein, a pair of aligned axle sections within the housing having their inner ends abutting and journaled in said journal bearing, the outer end portion of each axle section being tapered, a roller bearing cone upon each tapered portion, a roller bearing cup mounted in each end portion of the housing, taper rollers between each co-operating cone and cup, and a wheel wedged upon the tapered end of each axle section.

1,642,514. CABLE JOINT. DONALD M. SIMONS, Osborne, Pa., assignor to Standard Underground Cable Company, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed Aug. 5, 1925. Serial No. 48,301. 1 Claim. (Cl. 178—268.)



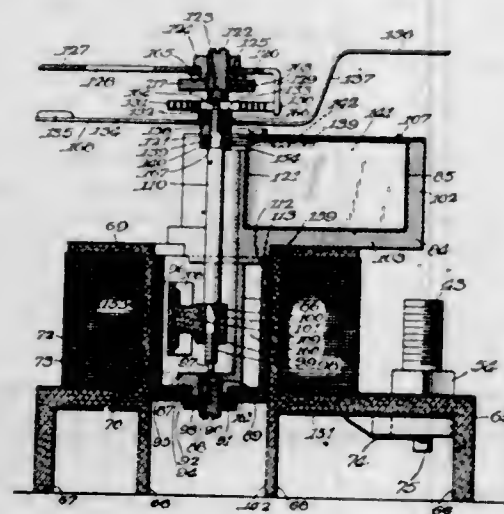
In a cable joint two cable ends with their envelopes of machine-laid insulation cut away in a succession of opposite and receding steps, their conductors united, and the union surrounded and the interval between the bodies of machine-laid insulation filled with a wrapped-on web of sheet insulation of the full width of the interval and laid in a single wrap.

1,642,515. CABLE-JOINT STRUCTURE. DONALD M. SIMONS, Osborne, Pa., assignor to Standard Underground Cable Company, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed Jan. 13, 1926. Serial No. 80,971. 1 Claim. (Cl. 173-268.)



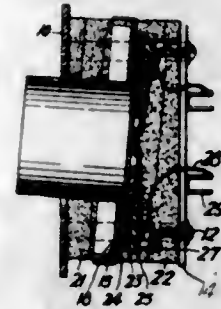
In a joint structure for an electric cable two meeting cable-ends including each a conductor, an enveloping body of machine-laid insulation, and a sheath, the body of machine-laid insulation being cut back in a stepped cut and leaving the conductor-end unenveloped, the insulation adjacent the conductor-end being recessed with a re-entrant conical recess, a body of conducting material uniting the conductor-ends, filling the re-entrant recesses in the ends of the bodies of machine-laid insulation, and presenting a continuous surface with the lowest step of the cut-away ends of machine-laid insulation, and a wrapped-on body of sheet insulation overlying the continuous surfaces of machine-laid insulation and of the uniting body, and all the space external to the uniting body and between the steps of the cut-away envelopes of insulation, said wrapped-on body being formed of a web of material of the full width of the wrap and said wrap continuing beyond the restoration of the original diameter of machine-laid insulation and in such continued portion carrying strips of metal which when wrapping is completed constitute flaring screens of metal electrically continuous with the ends of the cable sheath and borne in intimate union upon the wrapped-on body of insulation.

1,642,516. ELECTRICAL MEASURING INSTRUMENT. RAY SIMPSON, River Forest, Ill., assignor to Jewell Electrical Instrument Co., Chicago, Ill., a Corporation of Illinois. Filed Oct. 21, 1926. Serial No. 143,068. 13 Claims. (Cl. 171-95.)



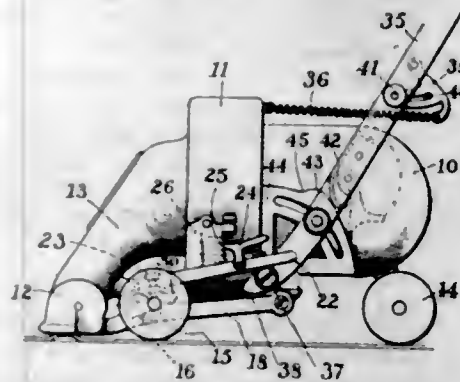
1. In an electrical measuring instrument, a molded insulating base, having a spool formed on said base and a circular bore within said spool, a spindle disposed axially of said bore, and insulating means embracing said spindle and fitting within said bore, for maintaining said spindle in axial position.

1,642,517. SOCKET. HUGH S. TAYLOR, New York, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Oct. 26, 1922. Serial No. 596,925. 5 Claims. (Cl. 173-328.)



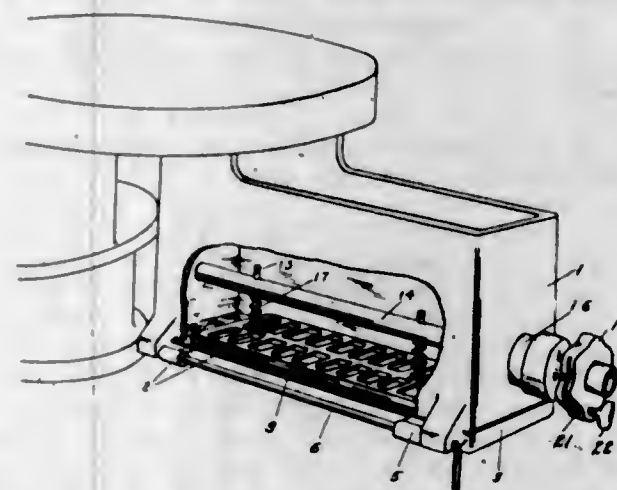
5. A socket comprising a plate adapted to be mounted vertically, a frame carried by said plate, a tubular shell, and means for resiliently supporting said shell upon said frame with the axis thereof oblique to said plate whereby said shell will assume a position perpendicular to the plate under the weight of a tube arranged in said shell.

1,642,518. VACUUM CLEANER. NEWTON A. THROOP, Chicago, Ill. Filed Jan. 17, 1925. Serial No. 3,040. 10 Claims. (Cl. 15-10.)



1. In a vacuum cleaner an elongated air nozzle, a frame fulcrumed upon a horizontal axis adjacent said nozzle and including a bar extended longitudinally within the nozzle, shoes extended downwardly from said bar into contact with the surface being cleaned, and means for adjusting said frame whereby said shoes raise or lower said nozzle with respect to the surface being cleaned.

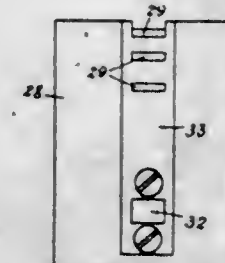
1,642,519. FLOUR DUSTER. HANS F. TIEDKE, Saginaw, Mich., assignor to Baker Perkins Company, Incorporated, White Plains, N. Y. Filed Mar. 29, 1926. Serial No. 98,206. 5 Claims. (Cl. 107-7.)



1. The combination, in a dusting machine, of a receptacle having a flat screen bottom, with an agitator comprising a grill having spaced wiping members, their

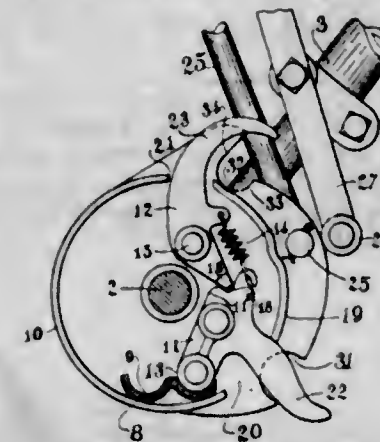
sides beveled and their bottom edges yieldingly pressed upon said screen and actuating means for imparting to said agitator to-and-fro movement over the face of said screen.

1,642,520. MECHANICAL FUSE FOR ARTILLERY PROJECTILES. ANDRÉ VARAUD, Geneva, Switzerland, assignor to Tavannes Watch Co. S. A., Tavannes, Bern, Switzerland, a Corporation of Switzerland. Original application filed May 13, 1924, Serial No. 712,960, and in Switzerland Aug. 2, 1923. Divided and this application filed June 24, 1925. Serial No. 39,237. 3 Claims. (Cl. 102-36.)



1. In a clockwork operated mechanical fuse for artillery projectiles, a frame for the clockwork made of parts, and a casing made of two semi-cylindrical parts by which the parts of the frame are assembled one with the other.

1,642,521. POWER LIFT FOR PLOWS. WILLIAM JOHN VERITY and PAUL ABRAHAM VAN SICKLE, Brantford, Ontario, Canada, assignors to Massey-Harris Company, Limited, Toronto, Canada. Filed Apr. 17, 1926. Serial No. 102,689. 9 Claims. (Cl. 192-62.)

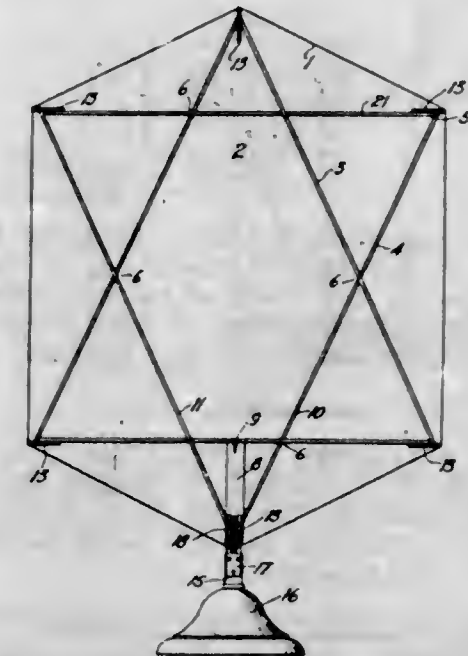


1. In a power lift for plows, the combination with an axle; a land wheel journaled thereon, of a pawl and trigger carrier freely mounted on the axle; a drum secured to the land wheel; a pawl pivoted on the said carrier and provided with a projection adapted to be clutched with the drum; a trigger pivoted on the said carrier and adapted to engage the pawl to position the projection out of engagement with the drum; spring means tending to rock the trigger to draw it to its position for holding the pawl with its projection out of engagement with the drum and tending to rock the pawl to clutch the projection with the drum; and means for rocking the trigger on its pivot.

1,642,522. LOOP ANTENNA. EDWARD VROOM, Ossining, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed May 26, 1924. Serial No. 716,046. 5 Claims. (Cl. 250-33.)

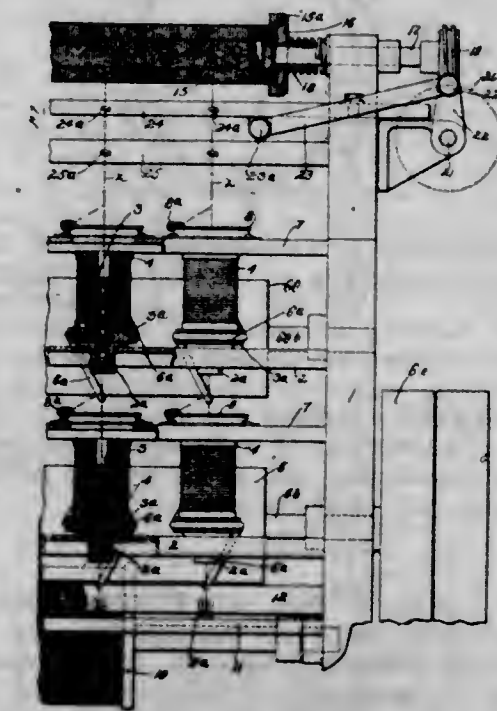
1. A loop antenna, comprising a frame having a number of supporting arms arranged to form two similar

polygons, each polygon comprising an equal number of arms joined together to form a closed figure, the polygons being so arranged that each arm of each polygon inter-



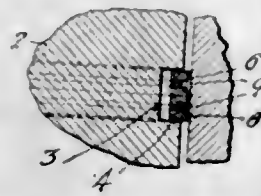
sects and is secured to at least two arms of the other polygons, and a number of turns of an electrical conductor wound thereon.

1,642,523. MACHINE FOR COVERING ELASTIC FILAMENTS. CHARLES B. WEBSTER, Fall River, Mass., assignor to James K. Lanning, Fall River, Mass. Filed Aug. 7, 1924. Serial No. 730,603. 7 Claims. (Cl. 117-34.)



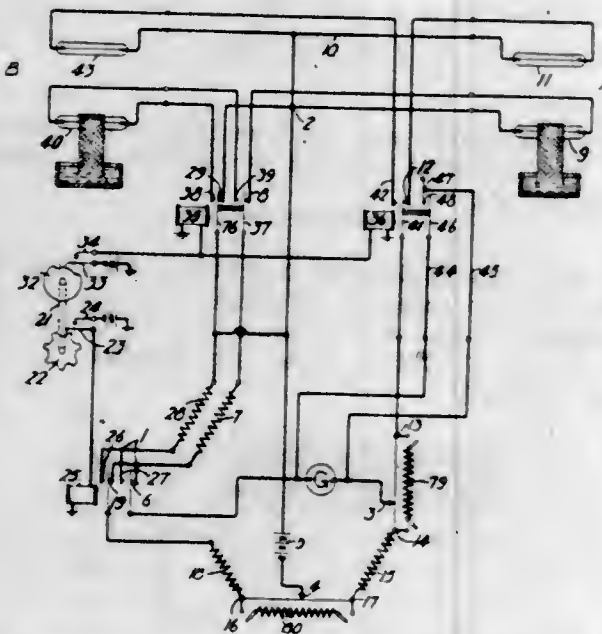
1. In a machine for covering elastic filament, the combination with a rotary yarn-carrier having an axial bore for the passage of an elastic filament, a yarn package mounted concentrically upon said yarn-carrier to be rotated therewith, a traveler ring and traveler mounted above the level of the top of said yarn package and its supporting carrier to leave a free unobstructed path for the yarn passing from the traveler to the elastic filament, frictionally driven means for feeding said elastic filament centrally through the yarn carrier, the yarn package and the coaxial traveler ring, and a centralizing guide surrounding the elastic filament above the level of the winding point of the yarn.

1,642,524. PACKING RING. JACOB B. WENZEL, Bloom, Colo., assignor to Albert W. Wenzel, Newark, N. J. Filed Aug. 15, 1923. Serial No. 687,541. 1 Claim. (Cl. 74-109.)



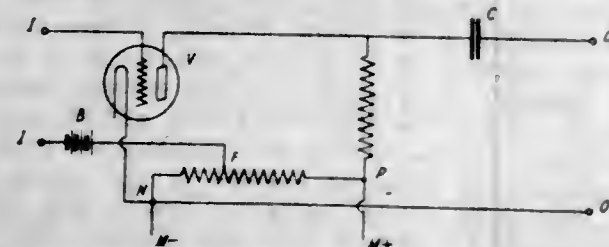
A piston ring which is peripherally dished to produce outwardly sloping surfaces terminating in sharp outer edges at the top and bottom of the ring, there being a central rib standing up from the base of the dish and having a bearing surface in axial alignment with said edges.

1,642,525. RECORDING DEVICE. EDMUND B. WHEELER, New York, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Dec. 29, 1922. Serial No. 609,779. 5 Claims. (Cl. 177-35.)



1. A recording device comprising a pair of resistance thermometers, one being of the wet bulb type and the other being of the dry bulb type, a Wheatstone bridge, means for inserting said resistance thermometers respectively into different legs of said bridge, means for causing said bridge to record alternately dry bulb temperature and difference between dry bulb and wet bulb temperature, a second pair of resistance thermometers, and means for substituting said second pair of thermometers for said first pair of thermometers.

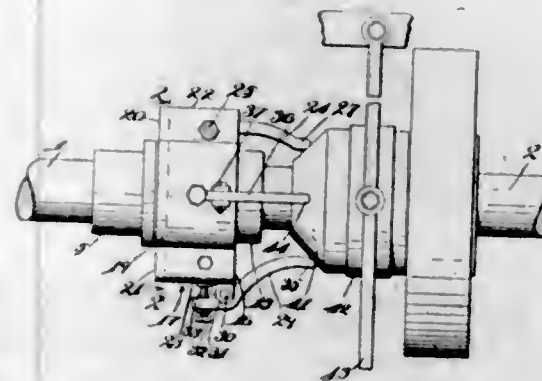
1,642,526. MEANS FOR SUPPLYING POWER TO THERMIONIC VALVES. GEORGE MAURICE WRIGHT, Chesterfield, England, assignor to Radio Corporation of America, a Corporation of Delaware. Filed Aug. 17, 1926. Serial No. 129,857, and in Great Britain Aug. 15, 1925. 4 Claims. (Cl. 250-27.)



1. Means for supplying current from a power circuit to a resistance coupled thermionic tube having cathode, anode and grid electrodes, including a resistance shunt-

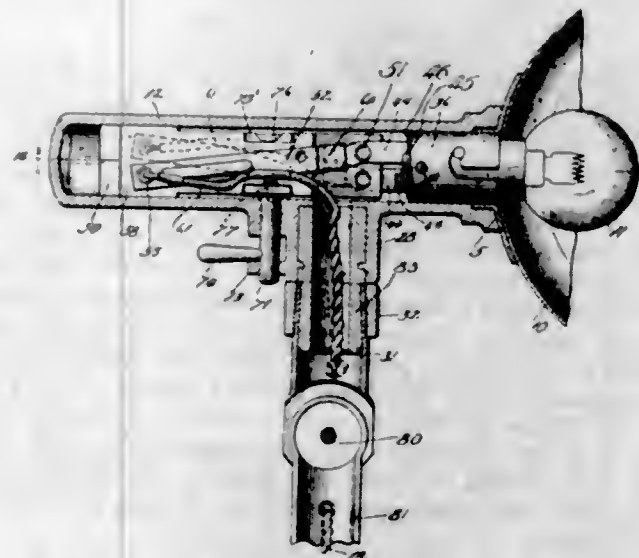
ing the terminals of the power supply, and a connection from said resistance to the grid of the tube, said connection dividing the resistance in such a manner that one part is included in the anode circuit of said tube and the other part included in the grid circuit, the ratio of the resistance of the grid circuit to that in the anode circuit being equal to the reciprocal of the anode series resistance multiplied by the slope of the grid voltage-anode current characteristic of the tube.

1,642,527. CLUTCH. JOHN WULF, Los Angeles, Calif. Filed Nov. 1, 1926. Serial No. 145,534. 7 Claims. (Cl. 192-80.)



1. A clutch for aligned shafts comprising in combination, a collar having a housing, a pair of levers pivotally connected to opposite sides of said housing, a split sleeve connected to opposite sides of said housing, a pair of partial longitudinal slits and a pair of partial circumferential slits having free resilient ends, a lug connected to one end and a cam lug connected to the other end, a cam on the end of one lever to engage the cam lug, a block connected to one end of the other lever engaging the said lug, and means to operate said levers.

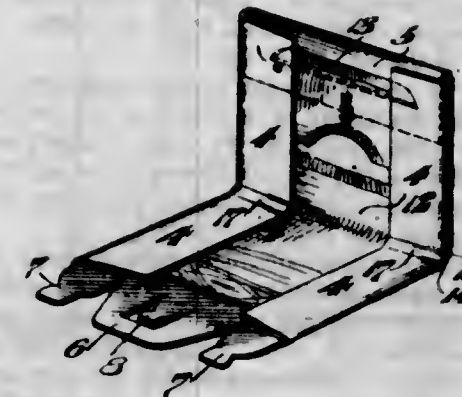
1,642,528. ELECTRIC SWITCH. ERNEST G. K. ANDERSON, Chicago, Ill., assignor, by mesne assignments, to Appleton Electric Co., Chicago, Ill., a Corporation of Illinois. Filed June 25, 1921. Serial No. 480,347. 13 Claims. (Cl. 173-346.)



1. In an electric switch, the combination with spaced terminals, insulated from each other, and spaced, generally parallel blades fixed at one end of the switch and springable towards each other and said terminals to close the switch and insulated from each other, of a rocking and reciprocating actuator adapted to extend be-

tween said blades and having a spreader end shaped to spread the blades apart when the actuator is either rocked or reciprocated.

1,642,529. FOLDING CONTAINER. ISAAC APPELBAUM, Philadelphia, Pa. Filed Feb. 25, 1927. Serial No. 170,771. 3 Claims. (Cl. 206-7.)



1. In a device of the character stated, a body portion having a transverse crease therein, to permit of the folding thereof to form a container, side flaps forming a continuation of the sides of said body portion, an end hanger flap integral with an end of said body portion, and having an elongated slot therein adapted to receive a garment or the like, a handle member integral with said blank, and a plurality of locking tabs integral with the handle end of said body portion, there being creases at the junction of said flaps and tabs with said body portion, whereby the same may be deflected, said locking tabs being engaged by corresponding aligning slits provided in proximity to the opposed end of said body portion, to maintain the same in the folded condition.

1,642,530. TENT. FRED R. BARBOUR, Los Angeles, Calif. Filed Jan. 25, 1926. Serial No. 83,597. 6 Claims. (Cl. 135-3.)

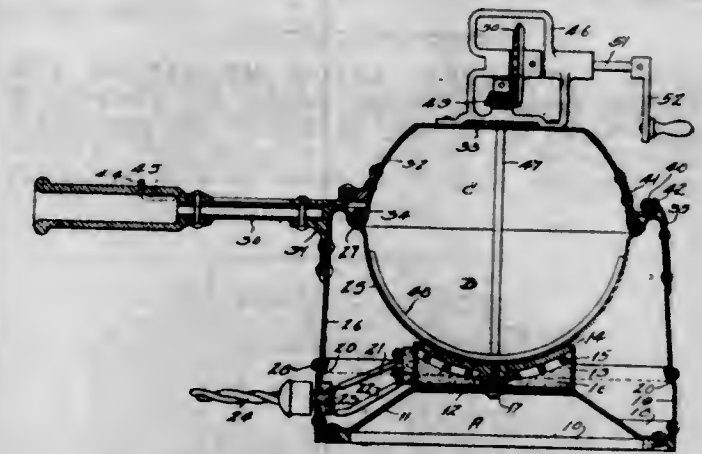


6. A tent structure including a rigid cross arm composed of an elongated bar, an arm permanently secured to a portion of said bar, an arm detachably secured to another portion of said bar, a sleeve secured to said bar and encompassing the ends of said arms, a pair of rods disposed in parallelism at the ends of said bars, means on the ends of said bars for supporting said rods, and a pole detachably connected with said cross arm for supporting all of said members in operative position.

1,642,531. POPPING KETTLE. THEODORE V. BARNEAD, Schaller, Iowa. Filed June 8, 1925. Serial No. 85,602. 4 Claims. (Cl. 53-4.)

1. In combination with a stove having a base, an annular, externally shouldered, substantial vertical flange

and a central heating element supported on the base, a kettle having an annular apron extending downwardly



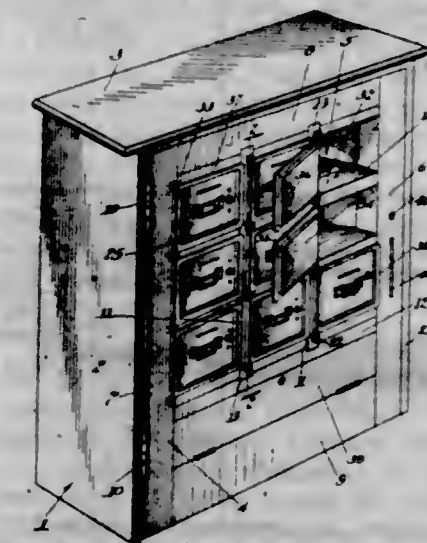
from its rim and surrounding and spaced from the outer surface of the kettle, said apron at its lower edge being supported by said shouldered flange.

1,642,532. HAIR CLIPPER. VICTOR BEAUREGARD, Boston, Mass. Filed Jan. 15, 1927. Serial No. 161,309. 4 Claims. (Cl. 30-1.)



1. A hair-clipper adapted to operate in recessed and on external surfaces, the clipper comprising a holder having a handle at one end and an internal guideway, two narrow oblong toothed blades projecting side by side from the opposite end of the holder and having unobstructed outer ends formed to enter a cavity, one blade being fixed to the holder, and the other movably connected therewith, a slide movable in the guideway and fixed to the movable blade, and means for longitudinally reciprocating the slide and the movable blade, the teeth of said blades being separated by hair-receiving spaces and adapted to sever hairs in said spaces when the movable blade is reciprocated.

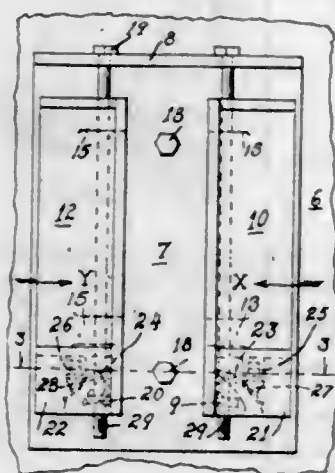
1,642,533. MAIL BOX. JAMES C. BIER, Long Beach, Calif. Filed Jan. 28, 1926. Serial No. 84,338. 7 Claims. (Cl. 232-25.)



1. A mail box comprising in combination a stack of individual boxes having intermediate stiles and sectional cross rails between the stiles, doors hingedly connected to

the stiles for individual boxes, means connecting part of the hinge, stiles and sectional cross rails thereby binding the stiles and sectional cross rails together.

1,642,534. AUTOMATIC LATCH MECHANISM FOR GATES. EDWARD A. BIGLER, Auburn, Ill. Filed Oct. 6, 1924. Serial No. 741,999. 6 Claims. (Cl. 292-54.)

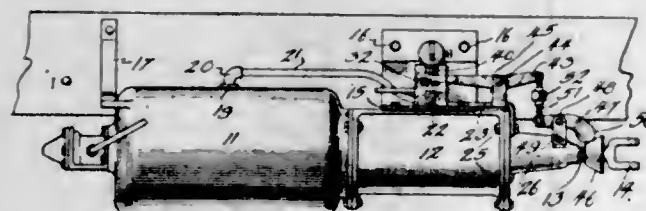


1. Latch mechanism comprising a stationary base plate; a pair of oppositely acting oscillative latch blocks of approximately rectangular cross section, each adapted to gravitate downwardly and outwardly and each having integral downwardly extending curtain members; and latch-block operating-means protected from snow and ice by the curtain members of said latch-blocks.

1,642,535. PROCESS OF MAKING SODIUM SULPHITES AND BORIC ACID. HENRY BLUMENBERG, Jr., Moapa, Nev., assignor to Stockholders Syndicate, Los Angeles, Calif., a Corporation of California. Filed Sept. 4, 1924. Serial No. 735,880. 1 Claim. (Cl. 23-149.)

A process of making sodium sulphite and boric acid, comprising treating a borax solution with sulphur dioxide until the reaction forming normal sodium sulphite and boric acid is complete the end of said reaction being indicated by the formation of a cloudy precipitate of sodium bi-sulphite, separating the precipitated boric acid from the mixture and treating the remaining mixture with sulphur dioxide to form sodium bi-sulphite.

1,642,536. BLEEDER. ALLEN BOYD, Sioux City, Iowa. Filed Feb. 7, 1927. Serial No. 166,405. 8 Claims. (Cl. 303-80.)



5. In a bleeder, in combination with an air brake cylinder provided with a brake piston rod and a bleeder valve, a latch arm pivoted at one end to an operating lever of said valve, a keeper supporting the intermediate portion of said arm, the arm being provided with a de-

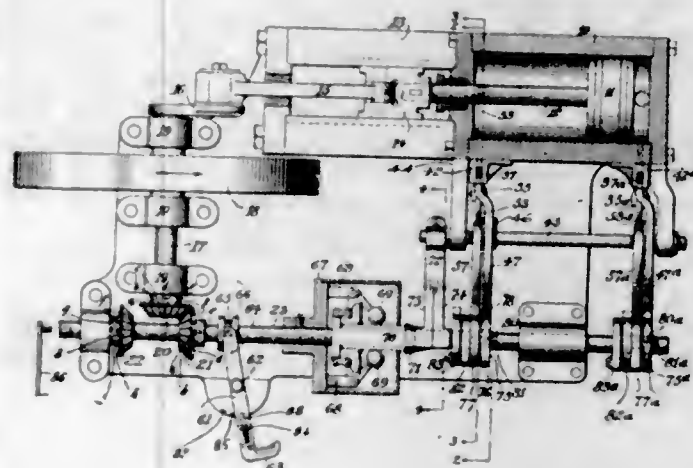
tent to engage the keeper when the valve has been opened, and to thereby lock the valve in open position, a cam secured to the brake piston rod, a lift lever fulcrumed upon the cylinder and having one end positioned to engage the latch arm, a lever fulcrumed at the end of the cylinder and having one end positioned to be engaged by the cam, and a link connecting the other ends of the respective lift and cam levers.

1,642,537. PROCESS FOR IMPROVEMENT OF FLAVOR OF YEAST. ELMER B. BROWN, New York, N. Y., assignor to The Fleischmann Company, New York, N. Y., a Corporation of Ohio. Filed Mar. 12, 1925. Serial No. 15,149. 9 Claims. (Cl. 99-10.)

1. A method of treating yeast which comprises subjecting the yeast to the action of a solute in the presence of moisture under such conditions of time, temperature and concentration that autolysis and fermentative activity are substantially avoided, and thereafter removing the excess of solute from the yeast.

9. A compressed yeast product having good baking strength and keeping qualities, the flavor of which has been modified by treating the yeast with a sugar material under such conditions of time, temperature and concentration that autolysis and fermentative activity are substantially avoided and from which the excess of the sugar material has been removed.

1,642,538. VALVE GEAR. MORIC BUCHLER, Budapest, Hungary. Filed Jan. 31, 1923. Serial No. 616,029. 2 Claims. (Cl. 121-167.)

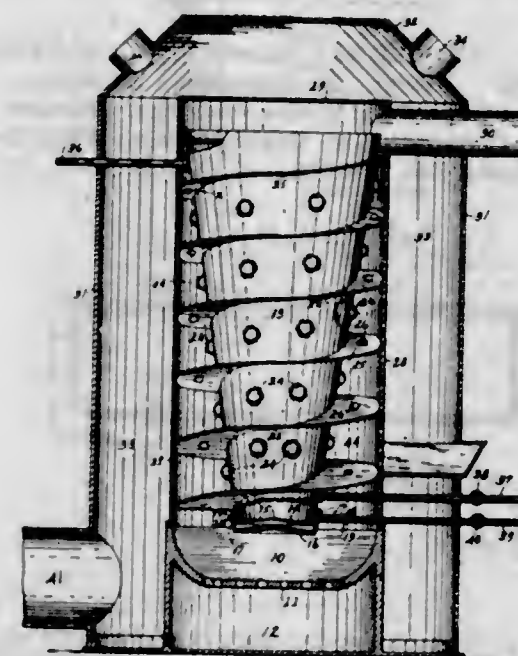


1. An engine comprising a cylinder having inlet and exhaust valves at each end thereof, a piston movable in said cylinder under the pressure of fluid on either side thereof, a crankshaft driven by said piston, a valve shaft driven from said crankshaft always in the same direction, a set of cams mounted on said shaft and actuated thereby for operating said valves, speed governing means, a conical sleeve on said shaft laterally shiftable by said governor, a regulator shaft, a hinged arm mounted on said regulator shaft and operated by and adapted to rest on said sleeve, lever arms fulcrumed on said regulator shaft and actuated by said cams for operating said valves, and means operable by rotation of said regulator shaft to move the fulcrum point of said lever arms to vary said valve timing.

1,642,539. COMBINED HOT-AIR AND HOT-WATER HEATER. BRUNO B. CHOINSKI, Milwaukee, Wis. Filed Jan. 12, 1927. Serial No. 160,554. 4 Claims. (Cl. 126-101.)

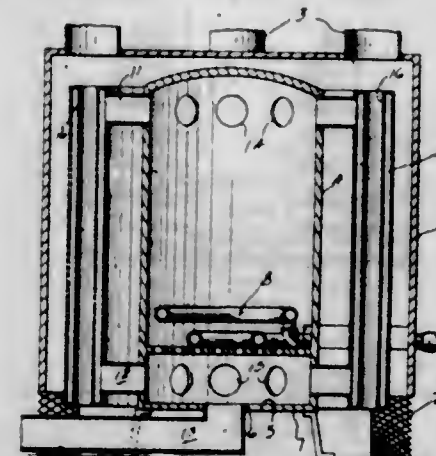
1. A combined hot air and hot water heater, comprising the combination with a combustion chamber, of a hot water container in the form of an inverted truncated cone encircled by a helical flange which progressively nar-

rows in width upwardly, a cylindrical wall enclosing the outer margins of said flange and forming with the walls of the water container and the flange a helical smoke passage, an outer jacket spaced from said wall to



form an air chamber and provided with inlet and outlet apertures in its lower and upper portions respectively, and service pipe and return connections for said water container.

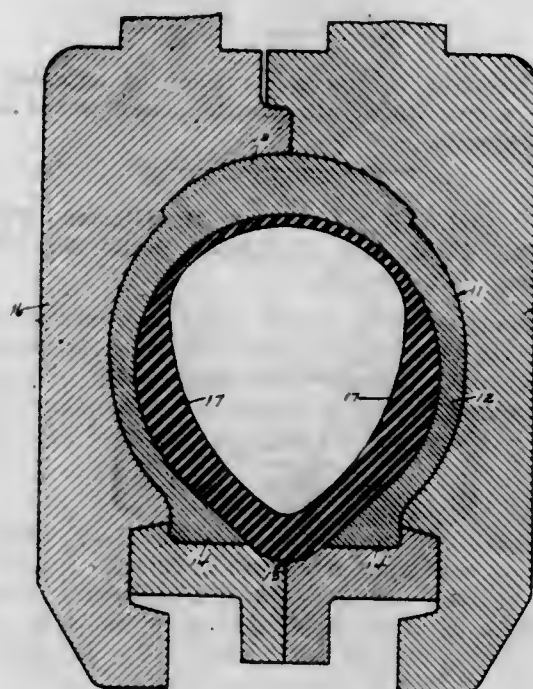
1,642,540. GAS HEATER. LEGENDEE CINQ-MARS, San Francisco, Calif. Filed Aug. 11, 1924. Serial No. 731,326. 1 Claim. (Cl. 126-116.)



A heater comprising a burner casing closed at its upper and lower ends, a false bottom mounted within the casing above the lower end thereof and defining a collection chamber between it and said lower end, said casing having a plurality of equidistantly spaced openings disposed between the lower end and false bottom, a plurality of similarly arranged openings adjacent the upper end of the casing, a burner mounted within the casing above the false bottom, said casing having a centrally disposed outlet at its lower end, an outlet flue in communication with the outlet opening, an annular flue surrounding said burner casing in circumferentially spaced relation thereto, which chamber is provided with a plurality of equidistantly spaced openings on its inner side adjacent its upper end and with a similar series of openings adjacent its lower end, lateral flues connected with the equidistantly spaced openings in the casing and with the opening of said annular chamber, said annular chamber having a plurality of openings in the upper and lower ends, and a plurality of air flues disposed in said annular chamber in spaced relation to the side walls thereof with their ends connected with the last named openings, and another cas-

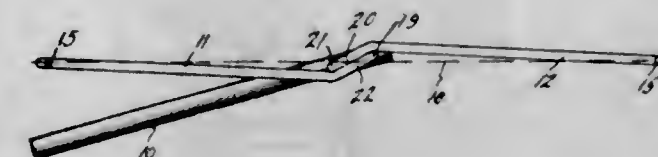
ing surrounding the burner casing and annular chamber, which casing is provided with hot air discharge openings at its upper end and atmospheric air intake openings at its lower end.

1,642,541. VULCANIZATION. GEORGE H. ELLINWOOD, Milwaukee, Wis., assignor to The Fisk Rubber Company, Chicopee Falls, Mass., a Corporation of Massachusetts. Filed Apr. 28, 1922, Serial No. 557,212. Renewed Mar. 4, 1927. 6 Claims. (Cl. 18-53.)



1. The method of uniformly curing a tire casing which comprises supporting said casing upon an air bag of increased thickness opposite those portions of the tire where the rate of cure is normally rapid and submitting the so supported casing to vulcanizing temperature.

1,642,542. TIRE-CHAIN TOOL. CHARLES M. FINLEY, Sioux City, Iowa. Filed Jan. 20, 1927. Serial No. 162,284. 2 Claims. (Cl. 254-78.)

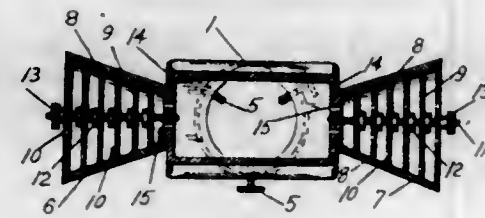


1. A stretching tool for tire chains, comprising a lever, a pair of links pivoted to the lever upon axes, spaced from each other near one end of the lever, that portion of each link extending from its pivot point to the pivot point of the other link, being bent at an angle to the remainder of its link sufficiently that the bent portion may extend around one side of the pivot point of the other link and allow the extremities of its link to be positioned on a line passing beyond the other side of the pivot point of the other link.

1,642,543. TELEPHONE SILENCER. LUCIEN JOSEPH GAMOTY, Bondi, near Sydney, New South Wales, Australia, assignor to Secropphones Limited, Sydney, New South Wales, Australia, a Company of New South Wales. Filed Sept. 23, 1926. Serial No. 137,248, and in Australia Nov. 25, 1925. 3 Claims. (Cl. 179-188.)

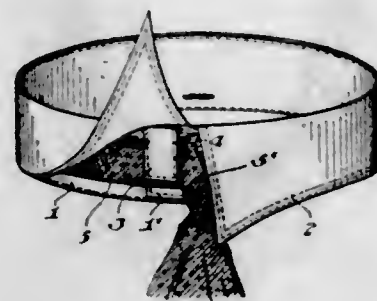
1. A telephone silencer comprising a hollow casing having a through opening in one direction leading to the telephone mouth-piece and perforated end walls disposed in the opposite direction, tapered cylindrical mem-

bers arranged over each end wall, and a series of spaced discs of increasing diameter held within the tapered cylindrical members, each disc having perforations in



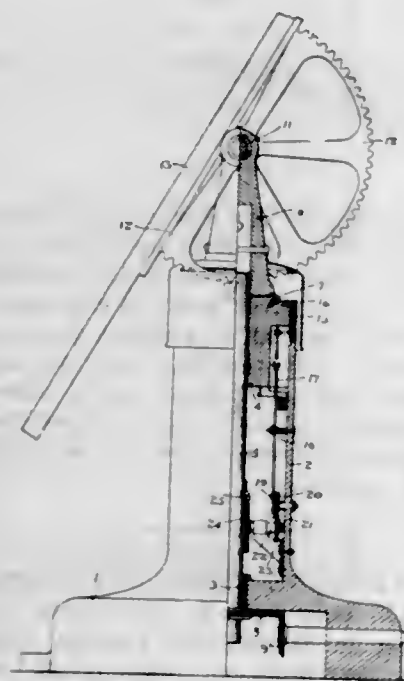
staggered relation to the perforations of adjacent discs to provide a circuitous path for the sound waves seeking exit therethrough.

1,642,544. COLLAR. LUDWELL H. GILMER, Philadelphia, Pa. Filed July 27, 1922. Serial No. 577,817. 3 Claims. (Cl. 2-137.)



1. A fold-over collar comprising a neckband and a fold-over wing, end portions of said band extending past the ends of said wing, and a tie-engaging tab secured to and depending from the upper edge of one of said end portions.

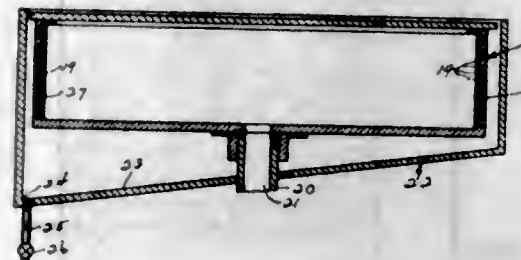
1,642,545. DIURNAL REFLECTOR. WALTER J. HARVEY, Toronto, Ontario, Canada. Filed Oct. 21, 1924. Serial No. 744,998. 6 Claims. (Cl. 88-25.)



1. A diurnal reflector, comprising a standard rotatable about a fixed vertical axis and adapted to be rotated continuously in one direction, a reflecting member carried

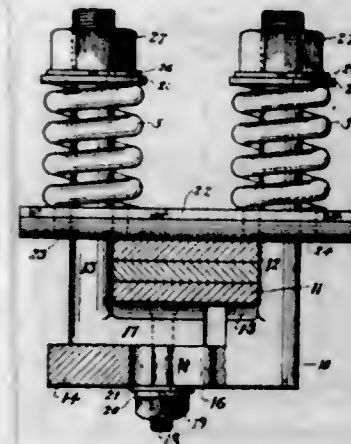
by said rotatable standard and mounted for pivotal movement relative thereto, means for swinging said reflecting member on its pivot, and means actuated by said rotating standard for controlling said swinging means.

1,642,546. IMPREGNATING AND VULCANIZING PROCESS. DANIEL E. HENNESSY, Milwaukee, Wis., assignor to The Fisk Rubber Company, Chicopee Falls, Mass., a Corporation of Massachusetts. Filed Oct. 12, 1922. Serial No. 594,098. 3 Claims. (Cl. 91-68.)



2. The method of impregnating and vulcanizing fabric which comprises simultaneously forcing a solution of rubber and a vulcanizing agent into the fabric whereby the fabric is impregnated as the rubber is vulcanized.

1,642,547. SHOCK ELIMINATOR AND SPRING CONTROL. HOMER H. HILL, Canton, Ohio. Filed Sept. 29, 1926. Serial No. 138,408. 5 Claims. (Cl. 267-53.)

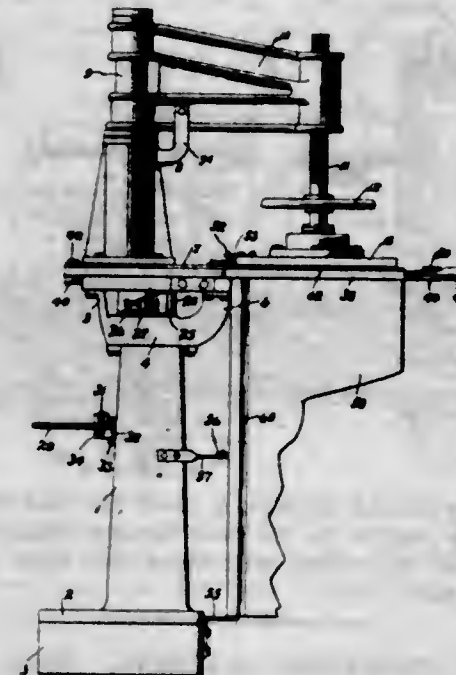


1. A shock eliminator and spring control for leaf springs and the like, including a U yoke having leg bolts for fitting about the several leaves of a leaf spring, each leg bolt having an angle head laterally extending from one side thereof, a laterally extending slot in one of the heads, means secured in the other head and extending through the slot for varying the distance between the leg bolts, a gripping bar having slots therein for fitting over the leg bolts, adjustable stop means and the like on the ends of the leg bolts, and resilient means between the leg bolt stop means and the gripping bar for yieldingly clamping the yoke and gripping bar about the leaf spring.

1,642,548. MACHINE FOR USE IN WELDING. FRANK J. JARECKI, Grand Rapids, Mich. Filed Feb. 28, 1927. Serial No. 171,541. 15 Claims. (Cl. 113-100.)

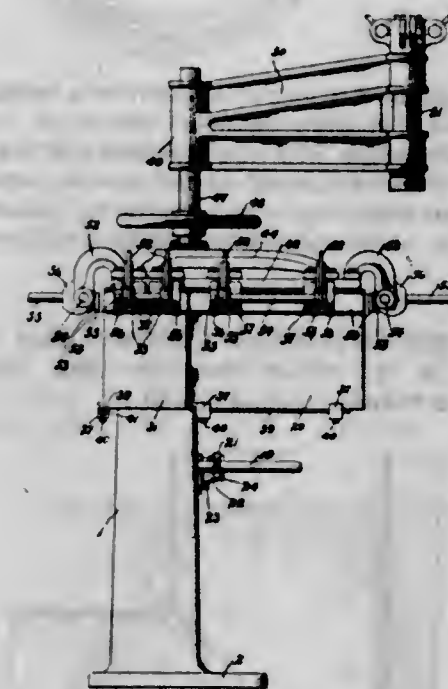
1. In a machine of the class described, a table around one end portion of which a lining member may be placed, means for clamping said member in fixed position with

respect to the table and means for clamping a second lining member in proper position in respect to the first



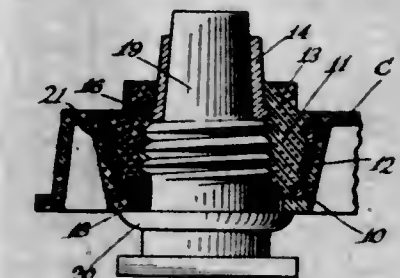
lining member and in engagement therewith at its edges whereby the two lining members may be held during the welding of the same together.

1,642,549. WELDING FIXTURE. FRANK J. JARECKI, Grand Rapids, Mich. Filed Feb. 28, 1927. Serial No. 171,542. 8 Claims. (Cl. 113-100.)



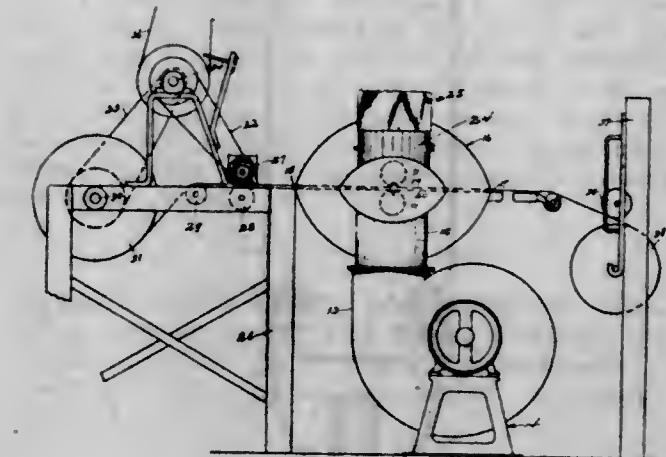
1. In a machine of the class described, a table around which a lining member may be placed, a clamping head over the table for holding a second lining member in fixed position with respect to the table and the first lining member, and clamping devices mounted on said clamping head to engage with the outer sides of the first lining member to clamp them against the edges of the table and in proper engagement with the edges of the second lining member so that the two lining members may be held in position for welding.

1,642,550. SEALING RING. WILLIAM A. MACKENZIE, Long Beach, Calif., assignor to American Battery Products Corporation, Long Beach, Calif., a Corporation of Delaware. Filed May 19, 1926. Serial No. 110,131. 4 Claims. (Cl. 136-168.)



1. A battery cell cover having a socket therein, a post sustaining plug fitting in said socket, said plug having a plurality of parallel grooves formed upon its exterior surface, and a fusible sealing material disposed in said grooves and between the plug and the cover.

1,642,551. APPARATUS FOR APPLYING DUST. GEORGE J. MEAD, Chicago, Ill., assignor to The Fisk Rubber Company, Chicopee Falls, Mass., a Corporation of Massachusetts. Filed Mar. 8, 1922. Serial No. 542,159. 2 Claims. (Cl. 91-59.)

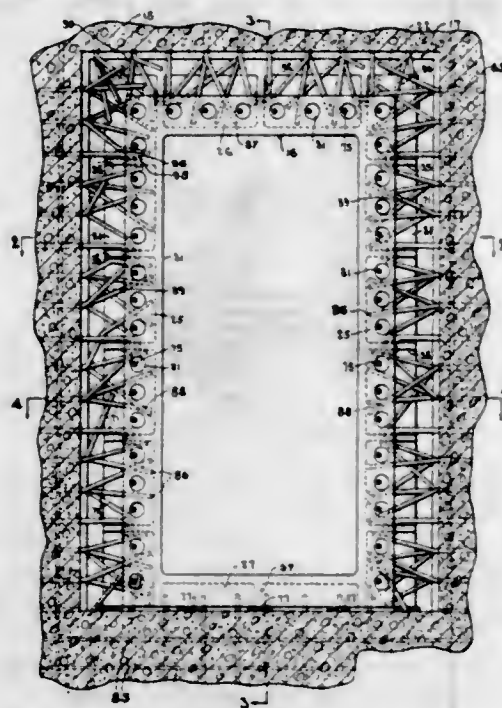


1. A device of the character described comprising a chamber connected to the exhaust side of a blower, said chamber being provided with openings to admit and discharge an article, dust discharge means positioned within the chamber adjacent the path of travel of the articles and connected to the discharge side of the blower, a screen vent on the discharge side of the blower whereby suction is maintained at the openings in the chamber and means to supply dust to the chamber.

1,642,552. SAFE VAULT. PAUL S. MILLICE, Hamilton, Ohio, assignor to Herring-Hall-Marvin Safe Company, New York, N. Y., a Corporation of New York. Filed Mar. 2, 1925. Serial No. 12,622. 16 Claims. (Cl. 109-1.)

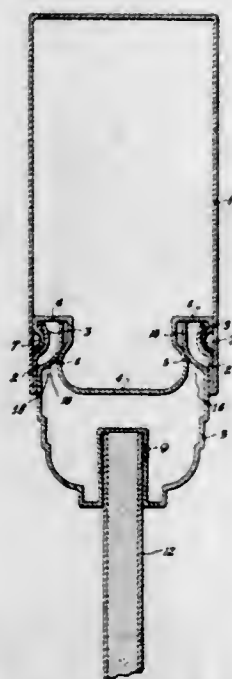
15. In a safe vault, the combination of a door framing, a reinforced concrete wall provided with an opening for said door framing, said door framing and the wall of said opening having projections extending laterally

therefrom, reinforce means between said last named wall and said door framing, and a wet concrete filling between said wall of said door opening and said door



framing about and enclosing said reinforce means and said projections, said concrete when set transversely locking said door framing in said reinforced concrete wall.

1,642,553. METAL DOOR. JOHN OSCAR NYMAN, Canton, Ohio. Filed July 29, 1926. Serial No. 125,643. 12 Claims. (Cl. 189-46.)

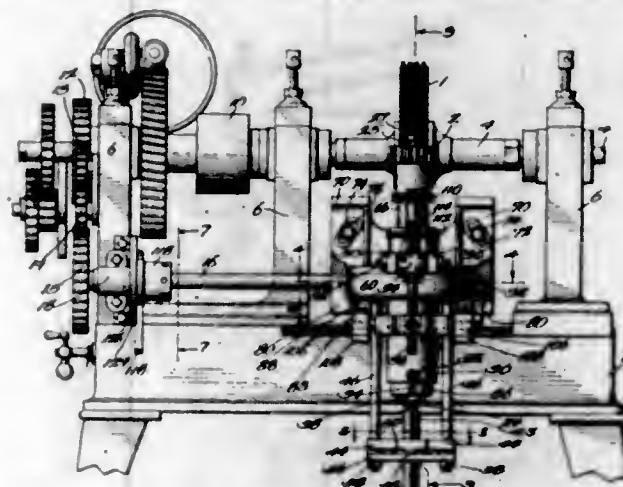


1. A sheet metal structure including a channel stile having integral flanges at its free edge portions, a channel strip provided with convex sides and having ribbed portions at its free edges for engagement with said flanges, and a molding strip having spring flanges with means thereon adapted to be inserted laterally and spring locked between said convex sides of the channel strip and the free edge portions of the stile.

1,642,554. GEAR-GENERATING MACHINE. CARL G. OLSON, Chicago, Ill., assignor to Illinois Tool Works, Chicago, Ill., a Corporation of Illinois. Filed Mar. 7, 1923. Serial No. 623,529. 13 Claims. (Cl. 51-52.)

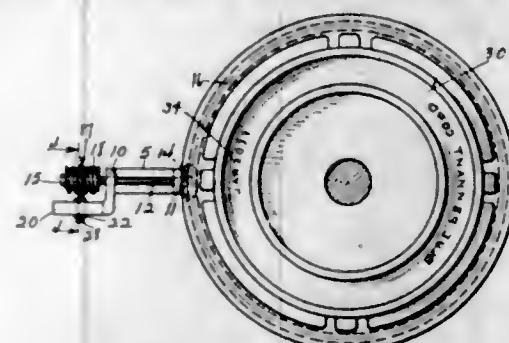
1. In a machine of the class described, the combination of a generating tool spindle, a work spindle arranged crosswise of the tool spindle, a frame in which the work

spindle is both rotatable and is longitudinally slidable for causing relative feed between the work and the tool, and a counter shaft rotating in timed relation with the tool spindle, said shaft being geared to the work spindle



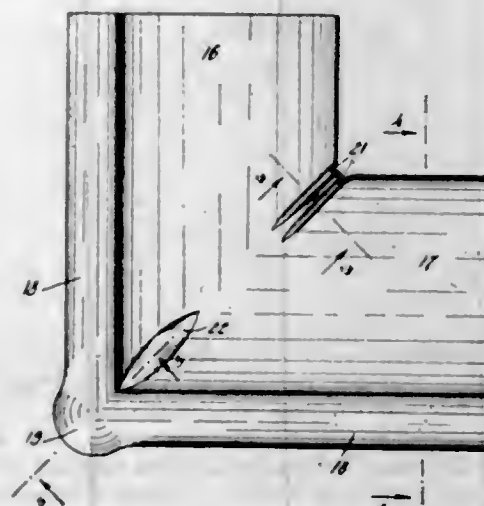
for rotating it and forming a pivot for said frame, said shaft being parallel to the tool spindle whereby angular movement of the frame will move the work toward or from the tool.

1,642,555. ENGRAVING MACHINE. EMIL POMPLUM and WALTER JENNERJAHN, Cudahy, Wis., assignors to The Fisk Rubber Company, Chicopee Falls, Mass., a Corporation of Massachusetts. Filed July 31, 1924. Serial No. 729,312. 6 Claims. (Cl. 90-57.)



1. In a machine for engraving articles a rotatable support, a spirally grooved cylinder, means to rotate the latter in synchronism with the movement of the support, there being recesses formed in the groove, and locking means co-operating with said recesses to releasably lock the support in predetermined engraving positions.

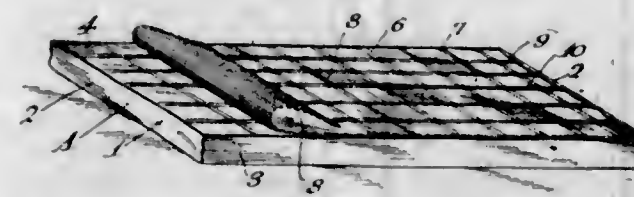
1,642,556. EAVES-TROUGH ELBOW. MAX RACHLIN, Brooklyn, N. Y. Filed Nov. 12, 1926. Serial No. 147,962. 2 Claims. (Cl. 108-28.)



1. A one piece elbow of the character described comprising two trough shaped sections meeting at an angle, each section having a plain inner edge and a beaded outer

edge, a spherical body at the juncture of and projecting beyond said beads, a portion of each bead overlying said spherical body and having an inner surface conforming to the outer surface of said spherical body, and corrugations on said elbow sections extending from the plain edges thereof toward said spherical body in parallel relation to the line bisecting the angle between said elbow sections.

1,642,557. NONSTRETCHABLE MATTRESS. DANIEL L. REYNOLDS, Los Angeles, Calif. Filed Aug. 24, 1925. Serial No. 52,085. 4 Claims. (Cl. 5-355.)



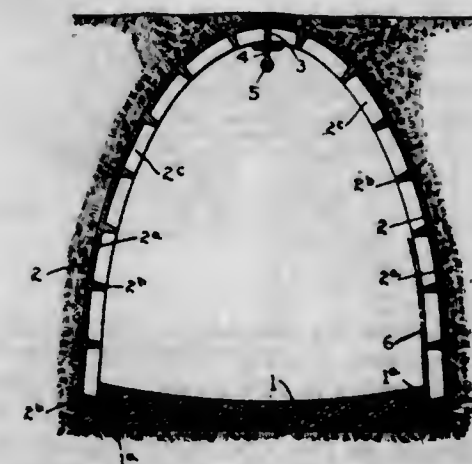
4. A mattress built up of alternate layers of batts and sheets of open mesh fabric with stripings of glue, binding the fabric to the batts on both sides thereof and a ticking cover on the mattress having smooth top and bottom surfaces without tufting.

1,642,558. BRAKE SHOE. FRANK D. REYNOLDS, South Bend, Ind., assignor to Bendix Brake Company, Chicago, Ill., a Corporation of Illinois. Filed Mar. 15, 1926. Serial No. 94,789. 6 Claims. (Cl. 188-250.)



5. A brake shoe consisting of an integral self-supporting sheet metal structure provided with a radially extending portion formed to receive a support at one end and a circumferentially extending portion provided with a brake lining secured thereto by prongs punched therefrom through the lining.

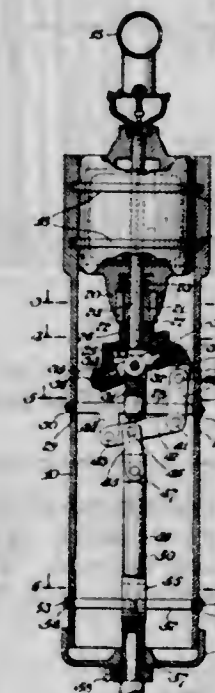
1,642,559. SECTIONAL TUNNEL. DAVID E. ROSS, La Fayette, Ind., assignor to Purdue University, La Fayette, Ind., a Corporation of Indiana. Filed Feb. 26, 1923. Serial No. 621,314. 6 Claims. (Cl. 72-51.)



1. A tunnel of the character specified, comprising a base, opposite pre-formed combined side-wall-and-top sections semi-parabolic in shape, having their lower ends

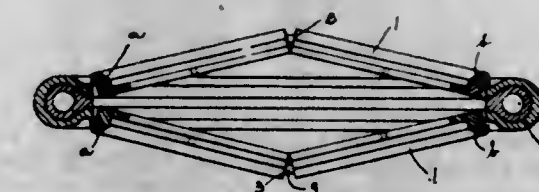
seated on the opposite sides of the base and their upper ends abutting above the base, the opposed sections together forming a parabola, and a longitudinally disposed bar interposed between the upper abutting faces of opposite sections and aligning said sections.

1,642,560. POWER HAMMER. FRIDOLIN SCHELLEBER, Secane, Pa. Filed Apr. 28, 1926. Serial No. 105,334. 10 Claims. (Cl. 78-38.)



1. A power hammer comprising a power driven rotatable shaft, a cam carried on the end of said shaft, a rocker arm actuated by said cam, a link pivotally connected to said rocker arm, a lever pivoted at one end to a stationary portion of the structure and having its free end pivotally connected to said link, a reciprocable tool holding member, and a link connecting said lever to said tool holding member.

1,642,561. BEAD RING. JOHN SCHERNER, Milwaukee, Wis., assignor to The Fisk Rubber Company, Chicopee Falls, Mass., a Corporation of Massachusetts. Filed Nov. 17, 1926. Serial No. 148,939. 4 Claims. (Cl. 18-2.)

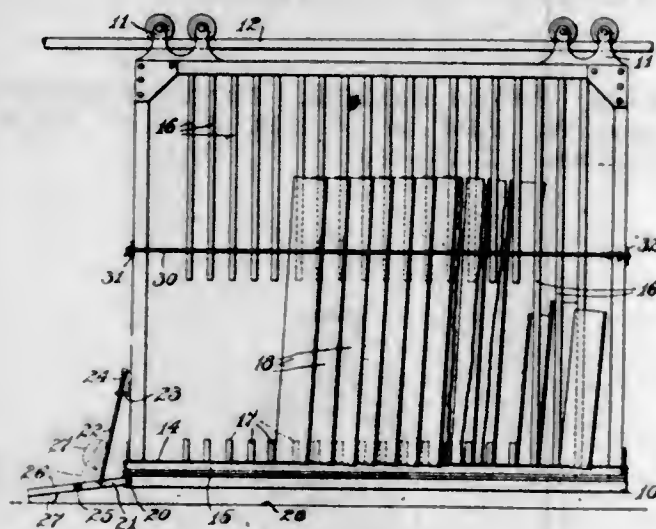


1. A bead ring for use in the curing of pneumatic tire casings comprising a ring, of suitable cross-section, hinged at diametrically opposite points.

1,642,562. SHAWL CARRIER. JOHN R. SCOHY, Okmulgee, Okla., assignor to Baker Brothers Glass Company, Okmulgee, Okla., a Corporation of Oklahoma. Filed Nov. 5, 1925. Serial No. 66,980. 6 Claims. (Cl. 105-150.)

1. A carrier for glass shawls comprising a movable frame having a shawl supporting platform, said frame having a plurality of rigidly supported normally fixed depending spacer fingers spaced from each other a distance sufficient to permit the insertion of glass shawls therebetween, the lower ends of such fingers being sufficiently

elevated to permit the arms of an operator, in loading the shawls, to pass readily below the same, and a corresponding series of spacer fingers near the platform and



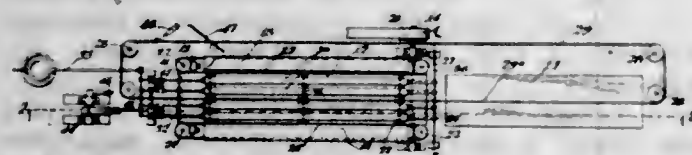
the upper ends of which fall short of the lower ends of the depending fingers to leave free passage for the arms of an operator.

1,642,563. PISTON PRESSURE GAUGE. JOSEPH SHEBOL and WILLIAM F. ALBRECHT, Syracuse, N. Y.; said Shebol assignor to said Albrecht. Filed Jan. 22, 1925. Serial No. 4,090. 3 Claims. (Cl. 73-111.)



2. A gauge comprising a tubular body having a combined head and air chuck at one end, the head having a spherical portion extending into the end of the tubular body and bearing against the circular edge of the tubular body and secured thereto, the head having a passage therethrough.

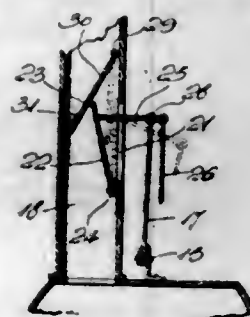
1,642,564. MOLD. GEORGE I. SMITH, Los Angeles, Calif. Filed June 22, 1926. Serial No. 117,708. 5 Claims. (Cl. 25-99.)



1. A mold having a bottom and sides provided by portions of endless belts, partitions fastened to one of the belts adapted to assume positions transversely of the

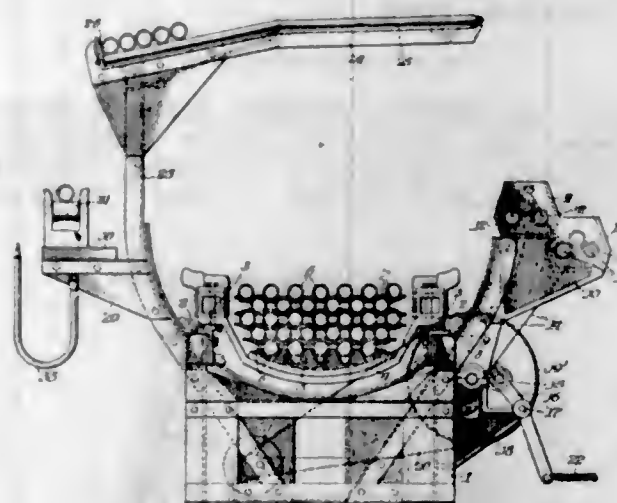
mold extending between the sides, said partitions having openings therethrough for the reception of cores, and cores adapted to be positioned in the openings.

1,642,565. BROODER STOVE. JOSEPH B. SMITH, Salt Lake City, Utah. Filed Oct. 1, 1926. Serial No. 138,994. 2 Claims. (Cl. 126-293.)



1. In combination with a substantially vertical smoke outlet passage having an air inlet opening in one vertical side; a damper plate pivoted in said passage on a horizontal axis spaced below said opening and in parallel relation with said one side, said damper plate in one position being adapted to close said opening, a second damper plate pivotally hung in said passage upon an axis spaced above said opening and the upper end of the first named damper plate, said second plate contacting with the inner side of said first named plate to be swung by the latter to an oblique position across the passage, said second plate having an opening in its lower end and an opening in its upper end above said air inlet opening, said lower and upper openings being exposed when said second damper plate is in said oblique position, and operating means connected to the first named damper plate.

1,642,566. APPARATUS FOR UNWRAPPING AND STRIPPING INNER TUBES. THOMAS J. SMITH, Akron, Ohio, assignor to The Firestone Tire and Rubber Company, Akron, Ohio, a Corporation of Ohio. Filed Apr. 25, 1919. Serial No. 292,640. 3 Claims. (Cl. 154-5.)



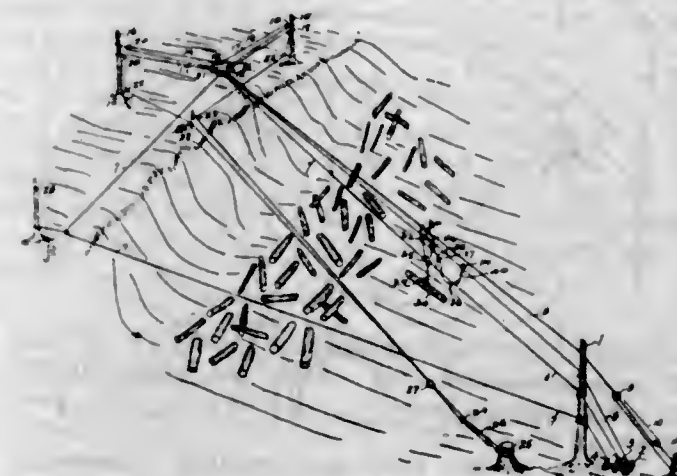
1. In an apparatus for unwrapping and stripping inner tubes from mandrels, a framework, means located centrally of the framework to hold a supply of wrapped tubes, a support for holding the mandrels while they are being unwrapped located at one side of the apparatus, means for removing the wrapping from the mandrel, a stripping device on the other side of the apparatus, and an inclined rail leading from the unwrapping side of the apparatus to the stripping side thereof.

1,642,567. SAFETY FUSE. GEORGE Y. TANGE, Cleveland, Ohio. Filed June 18, 1924. Serial No. 720,765. 4 Claims. (Cl. 200-133.)



1. A safety fuse electrical connection comprising a casing of non-conducting material formed of a recessed base section and a cover section, a longitudinal rib on the under face of said cover section and projecting into the recess of said base section, a pair of electric terminal elements forming seats within the recessed portion of said base section, a section of fuse wire adapted to be supported at its respective ends upon said seats and underlying said rib, and means for securing said cover section to said base with said rib pressing said fuse wire against said seats.

1,642,568. LOGGING SYSTEM. LEWIS L. TYLER, Tacoma, Wash. Filed July 23, 1923. Serial No. 653,197. 6 Claims. (Cl. 104-117.)



1. In a cableway system, the combination of a central spar tree; two outer spar trees; a track cable supported at one end by the central spar tree and adjustably supported at the other end by both said outer spar trees, whereby said track cable may extend in any radial direction from the central spar tree towards the space between the outer spar trees; and means for adjusting the outer end of the track cable whereby the tension thereof is adjusted without altering its working length or position.

1,642,569. HAND TOOL. FREDERICK H. WINSLOW and ROSE READER, Alledo, Tex. Filed May 3, 1926. Serial No. 106,253. 2 Claims. (Cl. 145-66.)



1. A hand tool including a shank, a handle, one end of which is connected to but offset from said shank, a grip rotatable on the handle and a pressure plate carried by said tool and adapted to engage the handle to hold the same against rotation relative to the grip.

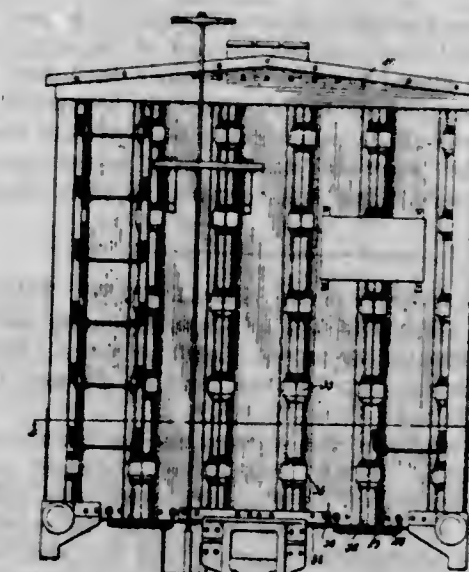
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1,642,570. ELECTRICALLY-HEATED WINDSHIELD WIPER. JUSTICE W. WOOD and OSCAR C. GIAUQUE, Hillsdale, Mich. Filed May 5, 1927. Serial No. 189,024. 1 Claim. (Cl. 15-251.)



A windshield wiper, comprising a tubular clamping member having an opening extending lengthwise thereof, wiping material enclosed within said member and having edges extending through the opening therein, and an electric resistance element enclosed within said wiping material and in circuit with a source of electricity.

1,642,571. CAR END. WILLIAM WRIGHT, Chicago, Ill., assignor, by mesne assignments, to Chicago-Cleveland Car Roofing Company, Chicago, Ill., a Corporation of Delaware. Filed Jan. 22, 1924. Serial No. 687,854. 11 Claims. (Cl. 105-410.)

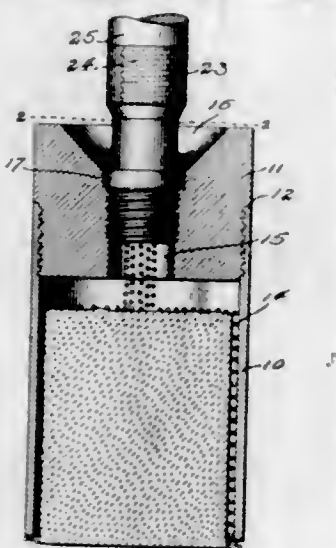


1. In combination with corner posts, end plate and end sill; a plurality of vertically extending paneled girder plates rigidly secured at their upper ends to the end plate and at their lower ends to said end sill, the girder plates adjacent to the corner posts each having a flange extending transversely to its body, and said flanges being disposed between and rigidly secured to said corner posts.

1,642,572. CORE BIT AND PLUG FOR DRILLING. WILLIAM L. ACKER, Scranton, Pa. Filed July 28, 1927. Serial No. 208,981. 5 Claims. (Cl. 255-72.)

3. A head for use with core barrels comprising a body portion having an axial opening therethrough, the upper end of said opening flaring outwardly through the upper

face of the head to provide a hopper for the reception of shot for passage through the head, and a connection detachably mounted at its lower end in the axial opening of the head and provided with passages therethrough



leading to the interior of the connection from said hopper to convey shot from the hopper to the interior of the connection, said connection having means at its upper end for attachment to a drilling rod.

1,642,573. WIRE-ROPE FITTING. EDGAR ALLEN, Wichita Falls, Tex. Filed Jan. 8, 1926. Serial No. 80,107. 3 Claims. (Cl. 24-126.)



1. In a cable clamping device, a cable, a hollow frusto-conical terminal for receiving an end of the cable therein and having a closed bottom, a member including a ring and a frusto-conical socket designed to be opened to receive or release said terminal and closed to hold the same, and means for securely closing said socket upon said terminal and permitting said terminal to turn within said socket.

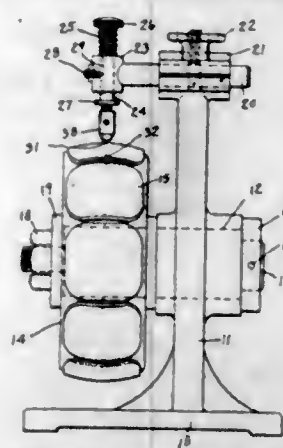
1,642,574. METHOD FOR SEPARATING THE COMPONENTS OF ALLOYS. CLAUDE-GEORGES BOSSIERE, Paris, and HECTOR ZANICOLI, Lardy, France. Filed Dec. 15, 1924. Serial No. 756,144, and in France Oct. 23, 1924. 6 Claims. (Cl. 75-18.)

1. In the treatment for separating the constituents of alloys containing metals capable of forming sulphides and metals capable of forming thio-salts, the herein described steps of heating the said alloy in a subdivided state, with a mixture of sulphur and an alkali-sulphur compound, adapted to produce sulphides of said first mentioned metals and thio-salts of said last mentioned metals, treating the resulting mixture with an aqueous liquid for effecting a desired separation of the soluble thio-salts and insoluble sulphides and recovering the metals from said sulphides and thio-salts.

1,642,575. MEANS FOR MARKING A TORIC-LENS AXIS. LUCIAN W. BUGBEE, Indianapolis, Ind., assignor, by mesne assignments, to Continental Optical Corporation, New York, N. Y., a Corporation of Delaware. Filed Apr. 3, 1923. Serial No. 629,735. 3 Claims. (Cl. 33-28.)

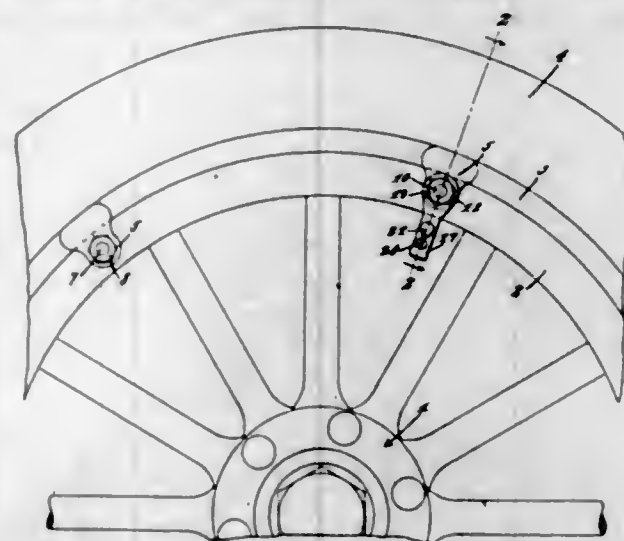
1. Means for marking toric and like lenses, including a spotting wheel having a transversely curved peripheral surface on which the lenses are secured with their base

curves adjacent the spotting wheel, means for rotatively supporting said wheel, a lens marker, means on which the marker is mounted adjacent the periphery of the



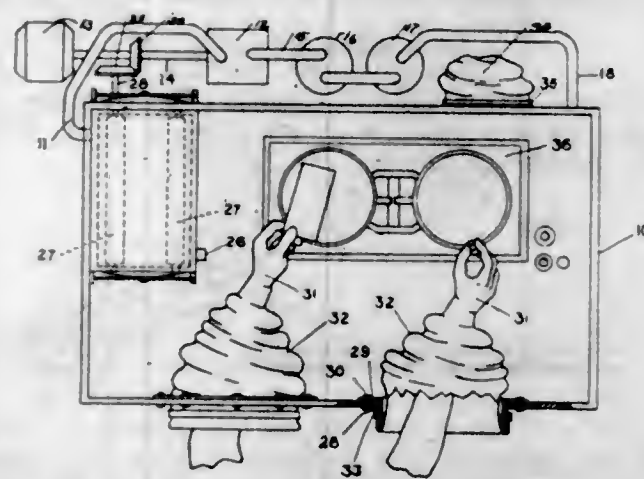
spotting wheel, and means for supporting said marker carrying means which latter means is movable radially of the wheel towards and from the same in a line that will intersect the equatorial line of the wheel.

1,642,576. TIRE LOCK. EARL W. CANNAM and GEORGE S. HUGNIN, Eureka, Calif. Filed July 1, 1926. Serial No. 119,859. 4 Claims. (Cl. 70-90.)



1. A lock of the character described, comprising a lock member, and a locking jaw having a portion adapted to be extended through a wheel felloe and the securing lug for a tire rim and engaged by said lock member.

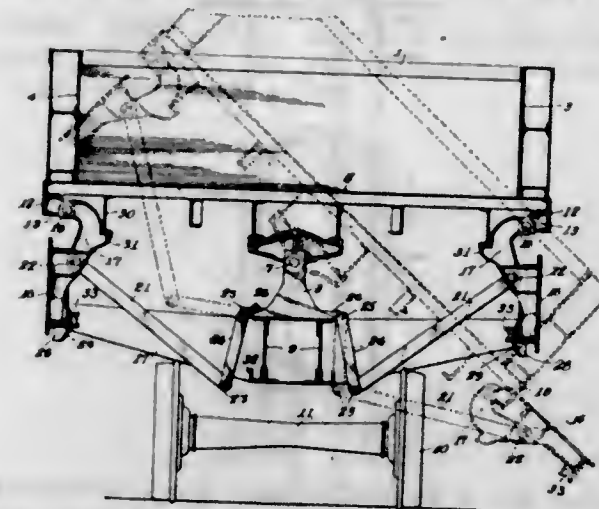
1,642,577. APPARATUS FOR TESTING HYGROSCOPIC SUBSTANCES. FREDERICK T. CARSON, Washington, D. C. Filed Nov. 12, 1925. Serial No. 68,734. 13 Claims. (Cl. 73-74.) (Granted under the act of Mar. 3, 1883, 22 Stat. L., 625.)



1. In a testing apparatus of the character described, an air-tight enclosure, envelop means whereby an operator may extend his hands into said enclosure without

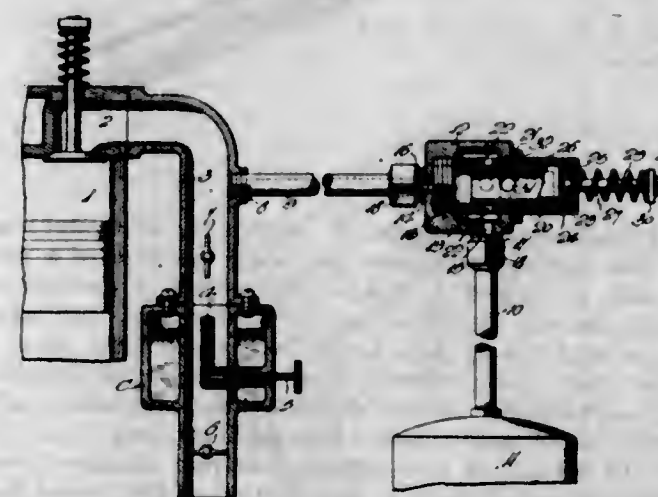
opening said enclosure to the atmosphere, and means whereby the air pressure within the enclosure will be maintained substantially constant when the hands of an operator are extended within the enclosure.

1,642,578. RAILWAY-DUMP-CAR CHUTE LOCK. ROY E. CARTZDAFNER, Passaic, N. J., assignor to Robert J. Magor, Montreal, Quebec, Canada. Filed Aug. 6, 1925. Serial No. 48,522. 15 Claims. (Cl. 105-276.)



1. In a dump car, the combination with a car bed mounted to tilt laterally to discharge its load and provided with a side gate, of a side chute pivotally suspended along a side margin of the bed below the gate and adapted to be projected into position to form a lateral extension of the floor thereof, means actuated by the tilting of the bed to discharge its load to project said chute into operative position and means spaced from the pivotal mounting of the chute and operative on the righting of the car bed into its normal position for automatically locking the chute in its suspended position to prevent swinging of the chute while the car is moving.

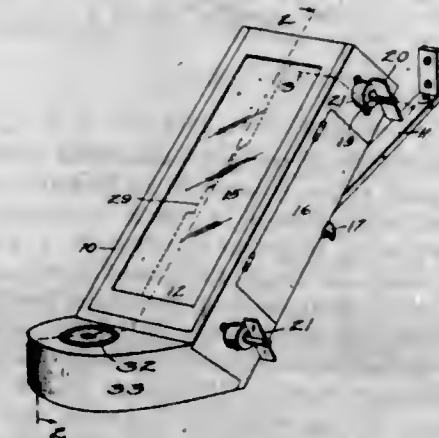
1,642,579. FUEL-FEED APPARATUS FOR INTERNAL-COMBUSTION ENGINES. ROLLIE CRAIN, Marion, Ill., assignor to B. Peterson Company, Johnston City, Ill., a Corporation. Filed Oct. 22, 1925. Serial No. 64,281. 1 Claim. (Cl. 123-127.)



In combination with an internal combustion engine, an intake manifold therefor, a carburetor connected with said manifold, and a choke for the carburetor air inlet; a fuel gas reservoir, a valve body formed with inlet and outlet ports, a passage connecting the inlet port with said reservoir, a second passage from the outlet port to the manifold, a normally closed valve controlling communication between said inlet and outlet ports, and variable spring means for yieldably holding said valve in its normally closed position, said spring means permitting shifting of the valve beyond its open position to a second closed position under the influence of the vacuum created when starting the engine with the choke closed,

said valve being movable to its open position under the action of said spring means upon opening of the choke and consequent reduction of the vacuum, thereby effecting feeding of fuel gas to the engine from the reservoir and permitting the cutting off of fuel to the carburetor.

1,642,580. HIGHWAY MAP. IRWIN H. EBB, West Liberty, Iowa. Filed Nov. 20, 1922. Serial No. 602,305. 1 Claim. (Cl. 35-6.)



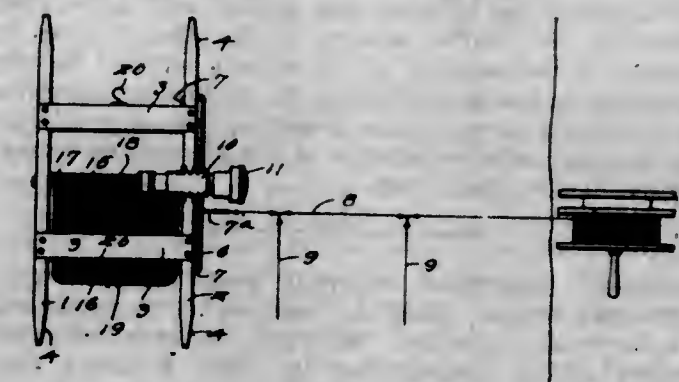
A highway map comprising a strip of material adapted to be wound from one spool to another, data on one side of said strip relative to a highway and data on the other side relative to the same highway, printed data on each side thereof, the printed data on one side being reversed relative to the printed data on the other side whereby the map may be wound from one spool to the other with one side exposed to view when following the highway in one direction and the map may be wound back onto the first spool with the opposite side exposed when following the highway in the opposite direction.

1,642,581. FORM FOR CONSTRUCTING DRAIN AND SEWER TILES. EDWARD J. FOSTER, Mount Auburn, Ill. Filed Sept. 7, 1926. Serial No. 133,980. 5 Claims. (Cl. 25-118.)



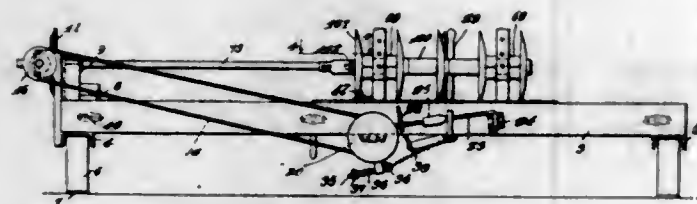
1. A form of the class described, including a pair of semi-circular end members having notches at their extremities and a pair of side rails restable in said notches.

1,642,582. FISHING AND HUNTING OTTER. JOHN HANSEN, Milltown, Mont. Filed Feb. 4, 1927. Serial No. 165,893. 6 Claims. (Cl. 43-4.)



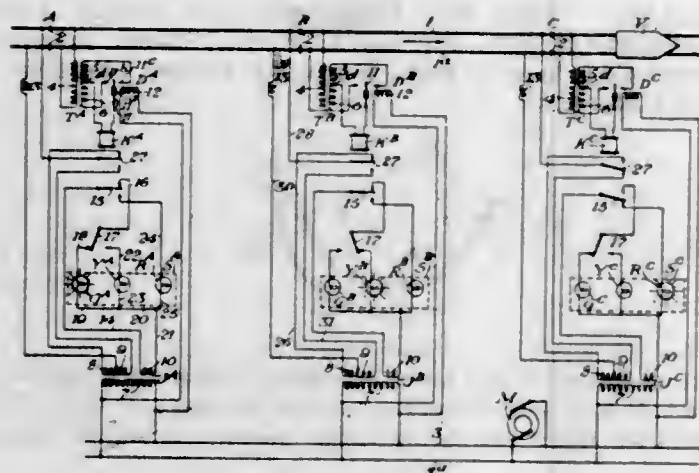
1. A fishing and hunting otter, comprising a buoyant frame including spaced plates, one of said plates having its under edge weighted to cant the frame, and means to connect a line to said frame.

1,642,583. HARROW GRINDER. HANS E. HANSON, Iwood, Iowa. Filed Apr. 26, 1924. Serial No. 709,233. 7 Claims. (Cl. 51-104.)



2. In an apparatus of the class described a supporting frame, a disk gang support mounted to reciprocate on said frame longitudinally thereof, a shaft journaled in said frame and extending transversely thereof, a gear wheel fixed to said shaft, a lever fulcrumed intermediate its ends on said shaft with an arm extending laterally over said gear, a grinding disk loosely mounted on said arm and having a pinion meshing with said gear whereby the turning of the gear rotates the wheel, means connected with said lever for raising and lowering the grinding wheel to position it in relation to the disks to be ground and resilient means to turn said lever to normal position when released.

1,642,584. RAILWAY-TRAFFIC-CONTROLLING APPARATUS. HAROLD O. HOLTE, deceased, Pittsburgh, Pa., by Halvor Holte, administrator, Crookston, Minn., assignor to The Union Switch & Signal Company, Swissvale, Pa., a Corporation of Pennsylvania. Filed July 2, 1926. Serial No. 120,130. 12 Claims. (Cl. 246-34.)

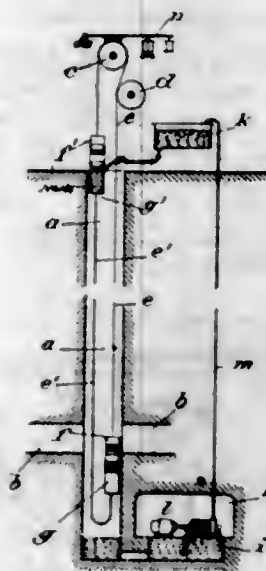


1. In combination, a section of railway track, means for supplying the rails of said section with alternating current of one relative polarity or the other, a relay responsive to the polarity of the current supplied thereto, a rectifier, and means including the rectifier for supplying the relay with current of one polarity or the other depending upon the relative polarity of the alternating current flowing in the track rails.

1,642,585. HOISTING SYSTEM FOR MINES. KURT KUPERS, Cassel, Germany, assignor to Kali-Industrie A. G., Cassel, Germany. Filed Jan. 29, 1925, Serial No. 5,574, and in Germany Feb. 12, 1924. 3 Claims. (Cl. 187-15.)

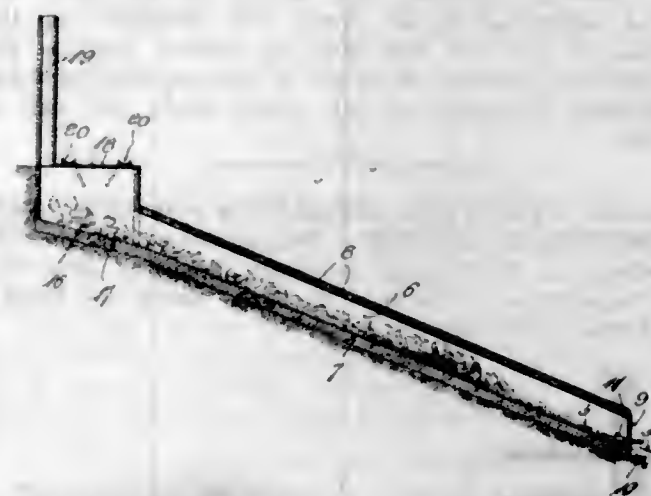
3. A hoisting system including in combination two upwardly and downwardly movable load carrying members each including a receptacle, flexible means connecting said

carrying members for moving them in opposite directions, storage means at the top and at the bottom of the system for supplying liquid to and receiving liquid from the re-



ceptacles, and a weighted flexible member connected between and suspended from each of said load carrying members.

1,642,586. INCINERATOR. EDWARD D. LEWIS, Elmira, N. Y. Filed Apr. 1, 1926. Serial No. 99,113. 1 Claim. (Cl. 110-8.)



An incinerator comprising a straight relatively long and low tunnel having one end which constitutes a fire-box and is formed with a draught inlet, a garbage-receiving chamber in direct communication with the other end of said tunnel and having a garbage inlet door, a smoke stack rising from said garbage-receiving chamber, and longitudinally spaced doors in one longitudinal side of said tunnel, said tunnel being declined toward the fire box, the bottom of said garbage receiving chamber being declined to and forming a continuation of the tunnel bottom, said stack being disposed at the side of the receiving chamber most remote from the tunnel, said garbage inlet door being disposed in the top of the receiving chamber between the stack and tunnel.

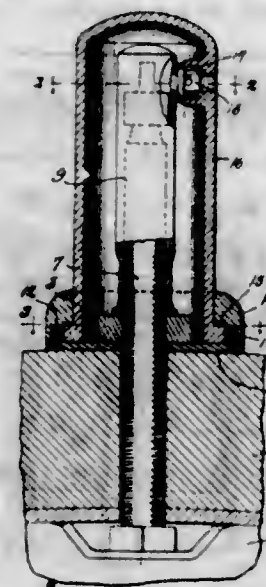
1,642,587. CELLULOSE COMPOUND AND PROCESS OF MAKING SAME. LEON LILIENTHAL, Vienna, Austria. Filed July 23, 1924, Serial No. 727,807, and in Austria Apr. 4, 1924. 29 Claims. (Cl. 260-100.)

1. A process for the manufacture of new cellulose compounds, which comprises acting on a cellulose-xanthic acid with a mono-halogen derivative of a fatty acid.

1,642,588. PROCESS FOR THE MANUFACTURE OF ARTIFICIAL MATERIALS. LEON LILIENTHAL, Vienna, Austria. Filed July 23, 1924, Serial No. 727,800, and in Austria Apr. 4, 1924. 27 Claims. (Cl. 18-54.)

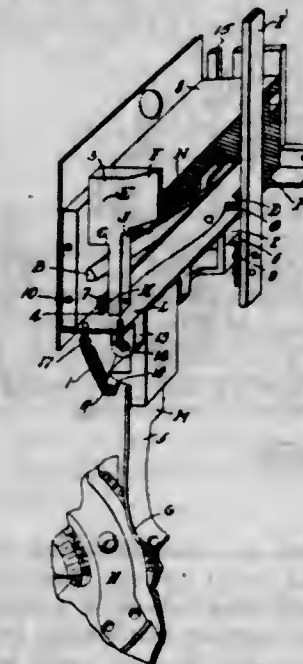
1. A process for producing artificial materials which comprises bringing a solution of a cellulose-xantho-fatty acid in an aqueous liquor into the form of an artificial material and thereafter treating it so as to produce separation of solid therefrom.

1,642,589. TIRE LOCK. FRANK R. LOOMIS, Mapleton, Minn. Filed Mar. 11, 1927. Serial No. 174,548. 6 Claims. (Cl. 70-122.)



1. In combination with a rim and tire valve stem extended through the rim, a lock including a dust cap having an opening adjacent to one end thereof, a lock collar positioned on the valve stem, means for securing the lock collar to the valve stem, a lock cap having lugs and adapted to be positioned over the dust cap, said lugs adapted to cooperate with the collar to secure the lock cap to the collar, and a lock embodying a sliding bolt, carried by the lock collar and adapted to engage within the opening of the dust cap to lock the lock cap and dust cap together.

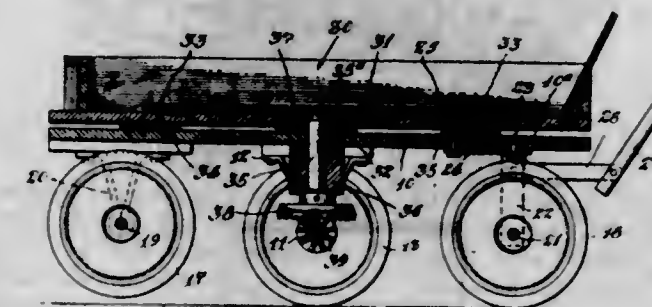
1,642,590. AUTOMATIC LINER SAFETY. B. A. MILLS, Fort Worth, Tex. Filed Jan. 19, 1926. Serial No. 82,282. 1 Claim. (Cl. 199-52.)



In an automatic liner safety device, adapted to be attached to the lower side of the intermediate channel, a channel latch located at the entrance of the intermediate

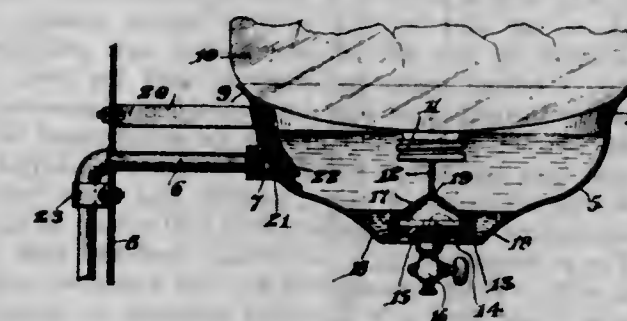
channel and movable into and out of the path of the leading delivery slide finger, an interchangeable ejector dial lever key adapted to engage a lug on an interchangeable transfer blade connected with the channel latch, an interchangeable justification lever movable into and out of the path of the trimming knife section cover or block adapted to withdraw an outside transfer blade, an outside transfer blade operatively connected with the justification lever and also adapted to move the channel latch to obstructing position when the vise frame is open and to move out of engagement with the channel latch when the justification lever is engaged by the sector cover or trimming knife block in the normal locked position of the vise frame.

1,642,591. TOY WAGON. CHARLES E. MORRIS, Philadelphia, Pa. Filed Aug. 13, 1924. Serial No. 731,807. 2 Claims. (Cl. 272-29.)



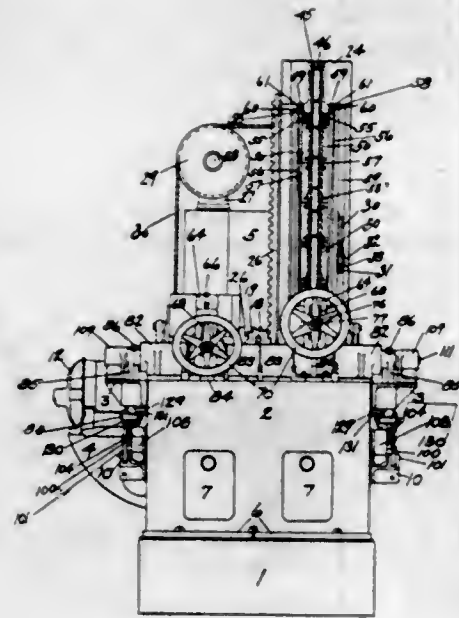
1. In a toy wagon, a platform, running gear for the platform including a pair of ground wheels and an axle on which said ground wheels are mounted, means for fixing the ground wheels to the axle, a wagon body, means for mounting the wagon body on the platform for rotary movement about the central vertical axis of the platform and comprising cooperable annular bearing plates carried by the wagon body and the platform at the centers of the same, and cooperable arcuate bearing strips carried by the wagon body and the platform adjacent the ends of the same, and motion transmission means between the axle and the wagon body.

1,642,592. OIL PAN FOR OIL STOVES. TROY MORRIS, Morehead City, N. C. Filed Nov. 5, 1926. Serial No. 146,436. 1 Claim. (Cl. 158-40.)



A device for the purpose set forth comprising a cup shaped element providing an auxiliary reservoir and having a flanged upper end for receiving and supporting a supply receptacle in position to discharge into the reservoir, said element provided at its bottom, centrally thereof, with a crown shaped portion formed with an integral, depending outlet nipple, a conoidal shaped hood positioned over and spaced from said crown shaped portion, said hood of triangular contour in sectional plan, spaced legs secured to the lower end of the hood and seated on the bottom of said element adjacent said crown shaped portion, a valve support for connection to the discharge point of the supply receptacle, and a valve unseating plunger acted upon by the apex of the hood.

1,642,593. BROACHING MACHINE. JULIAN L. PERKINS, West Springfield, and HIRAM D. CROFT, Springfield, Mass., assignors, by mesne assignments, to Perkins Machine and Gear Company, Springfield, Mass., a Corporation of Massachusetts. Filed Jan. 9, 1926. Serial No. 80,326. 52 Claims. (Cl. 90—33.)



1. In a broaching machine, vertical reciprocating rams adapted to carry broaches on the sides thereof, and work holders adapted to be moved into and out of operative position relative to and into contact with said sides of said rams, whereby said holders, when in contact with said rams, are partially supported thereby, and position the work in the cutting field, and, when out of said operative position, are unsupported by said rams, and position said work out of said field.

9. In a broaching machine, a supporting frame having a hollow base, a vertical reciprocating broach-carrying ram supported by said frame and operating in and out of said base, and a breakable member located in said base beneath said ram, said member being adapted to be broken in the event chips accumulate between said member and said ram to an extent that would be liable to injure the machine or its parts in the absence of the member.

14. In a broaching machine, a vertical reciprocating ram provided on one side with a vertical broach holder, a wedge secured to one side of said holder, and provided with lugs, a second wedge to cooperate with the first, a bolt passing through said lugs into threaded engagement with said second wedge, and having an enlargement between said lugs, and means to support broaches for adjustment in the direction of their breadth and with their plain longitudinal edges in contact with said second wedge.

21. The combination, in a broaching machine, with a vertical reciprocating broach-carrying ram provided with upper and lower fixed cam members arranged to impart positive movement in opposite directions to a member in the paths of the same, and an oscillatory work holder, of oscillatory mechanism for actuating said work holder, said mechanism having a member in the paths of said cam members.

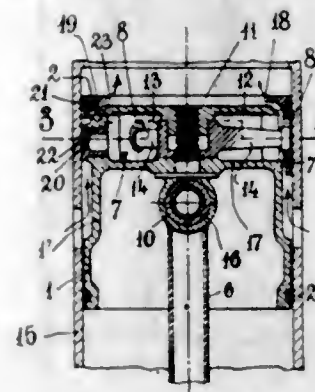
1,642,594. PROCESS OF TREATING HARD WATER. GRIGORI PETROFF, Moscow, Russia, and PETER SHESTAKOFF, Paris, France. Filed Dec. 30, 1925. Serial No. 78,489. 4 Claims. (Cl. 210—23.)

1. In the process of softening hard water, the step which comprises treating the water with high molecular weight sulphonic acids.

1,642,595. PROCESS FOR OBTAINING SULPHO-AROMATIC FATTY ACIDS. GRIGORI PETROFF, Moscow, Russia, and PETER SHESTAKOFF, Paris, France. Filed Dec. 30, 1925. Serial No. 78,490, and in Germany May 18, 1925. 2 Claims. (Cl. 260—108.)

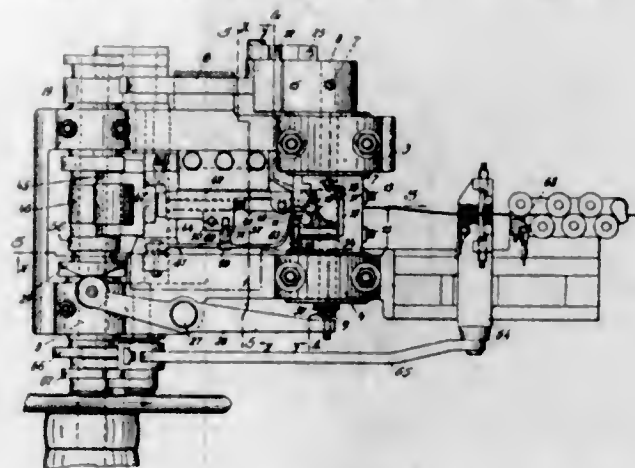
2. In the process of preparing sulpho-aromatic fatty acids for use in splitting fats, the step which comprises dissolving the impure sulpho-aromatic fatty acids, prepared by the usual sulphonation process, in a mixture of benzene and benzol, extracting the sulpho-aromatic fatty acids from the so-prepared solution by adding a water solution of a low molecular weight alcohol to said solution, allowing the mixture to stand, separating off the water layer containing the sulpho-aromatic fatty acids in solution and thereafter recovering the sulpho-aromatic fatty acids from said water solution.

1,642,596. VALVE PISTON. ALESSANDRO TERALDI, Milan, Italy. Filed Dec. 8, 1926. Serial No. 153,376, and in Italy Apr. 19, 1926. 7 Claims. (Cl. 123—47.)



7. A valve piston comprising a piston body, a bolt providing means for connecting said piston body with an associate crank rod and extending along the piston axis, a hub located on said bolt, radial arms projecting from said hub, a piston-head-disk having a valve-surface on its edge, said disk being secured on said bolt and fastening said hub in position, a rim encircling said piston head disk and having a valve surface adapted to cooperate with said piston-head-disk valve surface, lugs extending longitudinally from said rim and having slots elongated in the direction of the piston axis, said arms being long and flexible and engaging said slots with lost motion.

1,642,597. MACHINE FOR MANUFACTURING NAILS FROM WIRE. JAKOB WIKSCHTROM, Dusseldorf, Germany. Filed Oct. 17, 1925. Serial No. 63,107, and in Germany July 9, 1925. 10 Claims. (Cl. 104—43.)



3. In a machine for manufacturing nails from wire, clamping jaws and point cutters journaled side by side in one pair of operating levers, a fork-shaped, slide for imparting positive opening and closing movements to the operating levers, spring pressed guide members between links-carried by the operating levers and the forks of the slide, a nail head tool mounted in a supporting lever journaled laterally and parallel to the wire axis at the

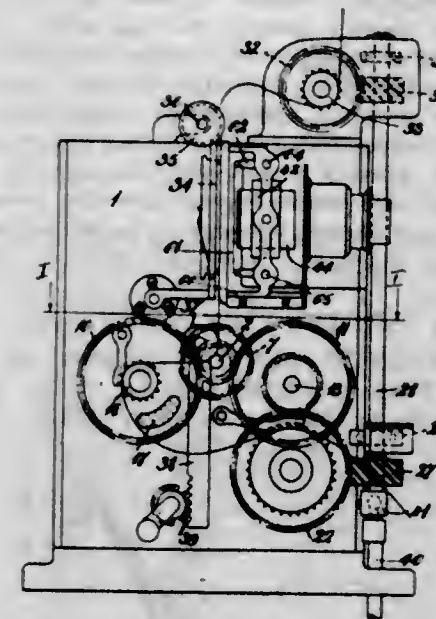
level of same, a stamping lever actuated by a cam on the main shaft for longitudinally moving the supporting lever, hook-shaped connecting members on the supporting lever and the stamping lever, and a projecting lug on the supporting lever resting upon a rod-like member supported by the one arm of a pivoted lever the other arm of which engages with a cam on the main shaft.

1,642,598. FASTENER. HARRY ALPHONSE WIDMER, London, England, assignor of one-half to A. Lewis (Finsbury) Limited, London, England, a Company of Great Britain. Filed Oct. 9, 1926. Serial No. 140,660, and in Great Britain Sept. 24, 1926. 2 Claims. (Cl. 70—2.)



1. A fastening device comprising a bridge member, a tab adapted to pass through said bridge member, a resiliently mounted shoulder on said tab adapted to be depressed when passing under said bridge, and a lock mounted on the said tab independently of said shoulder having a bolt which when shot projects beneath said shoulder and retains it in its uppermost position.

1,642,599. MEANS FOR THE PROJECTION OF CINEMATOGRAPH FILMS. GEORGE BENNETT BOSWELL, Hertfordshire, England, assignor of one-fourth to Ralph George Dinwiddie, Blackheath, London, England, and five-eighths to Gilbert Richard Redgrave, Sydenham, England. Filed July 6, 1925. Serial No. 41,822, and in Great Britain July 11, 1925. 14 Claims. (Cl. 88—16.8.)

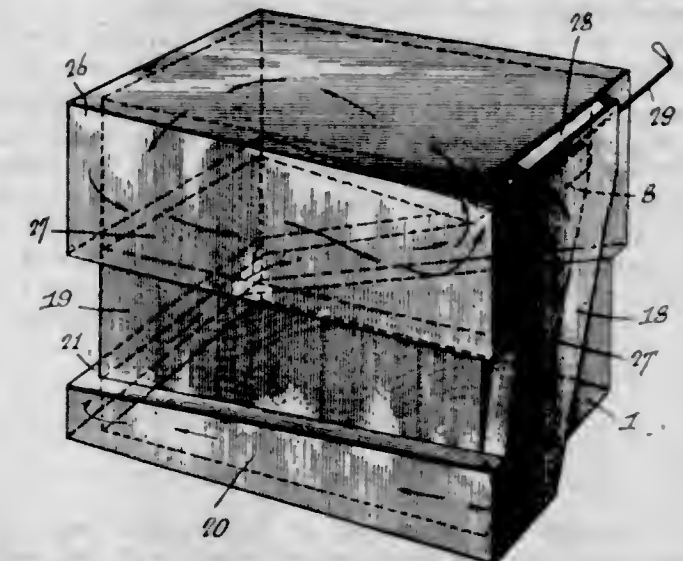


1. In a cinematograph projector of the continuously moving film kind, a pair of reflectors intercepting the optical axis, mounted to form a common unit oscillatable about an axis parallel with the plane of the film and perpendicular to its direction of motion, and means for oscillating said unit so as to produce a pure vertical displacement of the optical axis for stabilizing the image from the moving film.

1,642,600. HOT-WATER FURNACE. JOHN AUGUST BURKMAN, Port Arthur, Ontario, Canada. Filed Dec. 21, 1925. Serial No. 76,922. 2 Claims. (Cl. 122—494.)

1. A hot water furnace comprising a double walled boiler having an open bottom, the water space being in the double walls thereof, a flue commencing at the rear

wall of the boiler and twice surrounding the remaining walls, returning to the rear wall, said rear wall having a passage permitting communication between the interior of the boiler and the inlet end of the flue, the remaining end of the flue being open, another wall of the boiler



having a through recess permitting access to the interior of the boiler, said recess being disposed above the grate, a fire door normally covering said recess, and tubes extending between opposite walls of the boiler and communicating therewith.

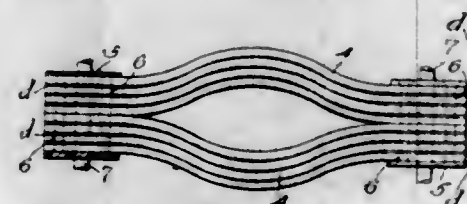
1,642,601. WORKING BARREL FOR OIL WELLS. ALFRED H. CARNES and RIZAL M. MARR, Okemah, Okla.; said Marr assignor of one-fourth to said Carnes and one-fourth to Mrs. J. D. Belford, Okemah, Okla. Filed Nov. 16, 1925. Serial No. 69,416. 2 Claims. (Cl. 103—220.)



1. Apparatus comprising a working barrel, a working cylinder housed within the working barrel and being of less diameter than the latter to provide an annular space between the two, an over-size standing valve connected to the lower end of the working cylinder, a working valve operating in the working cylinder, an intake tube connected with the lower end of the standing valve, and a separator tube surrounding the intake tube and having intake openings in communication with the annular space in the working barrel above the plane of the intake of the intake tube, the working barrel having intake openings above the plane of the intake openings of the separator tube and exceeding in area the area of the intake openings of the latter, the separator tube having a cap

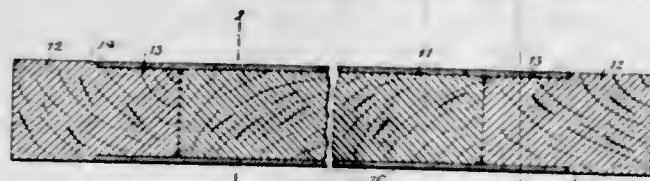
closing its lower end and the working barrel having a plug closing its lower end and spaced from the cap of the separator tube, the cap of the separator tube having radial lugs abutting the wall of the working barrel and defining openings effecting communication between the annular space in the working barrel and the space below the separator tube cap.

1,642,602. ELASTIC LINK. GEORGE CONSTANTINESCO, Weybridge, England. Filed Dec. 16, 1925. Serial No. 75,821, and in Great Britain Oct. 7, 1925. 1 Claim. (Cl. 267-73.)



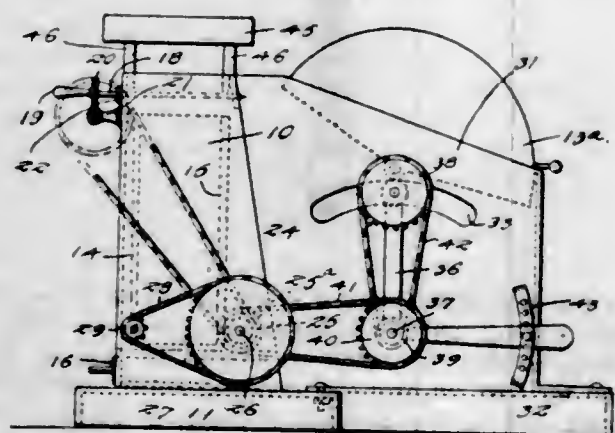
An elastic link consisting of metal plates bent into sine curve form and firmly secured together at their ends, so as to form a symmetrical loop, each side of said loop consisting of a plurality of plates, and said plates being provided at their ends with separating means, such that each plate touches its neighbor at or near its point of inflexion when the link is unstrained.

1,642,603. REINFORCED MINE PROP. MARTIN J. CONWAY, Steubenville, Ohio. Filed June 3, 1926. Serial No. 113,540. 1 Claim. (Cl. 189-40.)



As an article of manufacture, a mine prop having a metal casing, a central hard-wood core in said casing and terminating short of the ends thereof, and plugs having tenons, said tenons having a driving fit in the ends of said casing and extending inward to the ends of said core.

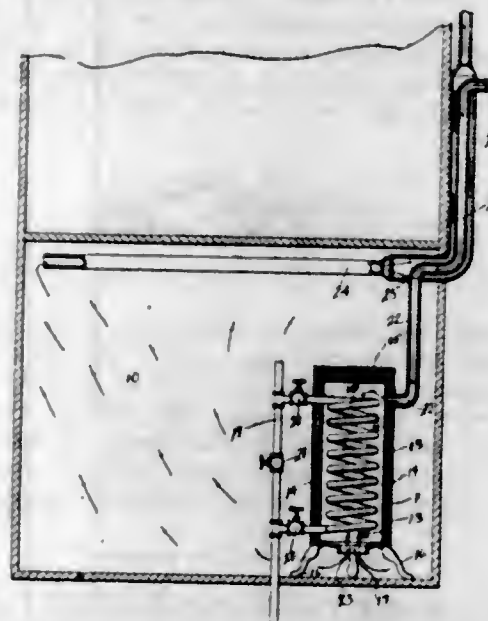
1,642,604. COOKING APPLIANCE. GEORGE HOLMES Cox, Detroit, Mich. Filed Oct. 16, 1926. Serial No. 142,107. 4 Claims. (Cl. 126-41.)



1. A cooking appliance comprising a casing, a heating means within the casing, the front of the casing being open, and the casing at its top being formed with vertical slots, skewers removably disposed within said slots and when in use extending across the casing above the heating means therein, an extension casing disposed against the first named casing, a rotatable spit mounted

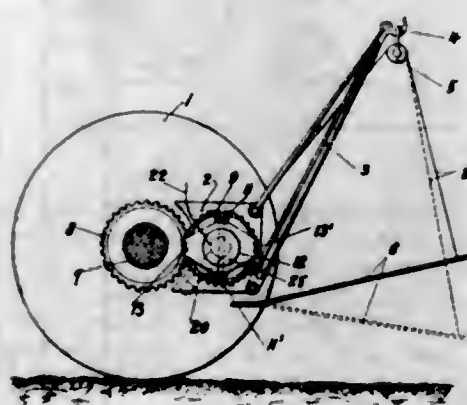
in the side walls of the extension casing and extending at right angles to the skewers, a motor, and means operated by the motor for simultaneously rotating the last named spit and said skewers.

1,642,605. VENTILATING SYSTEM. ORLO G. CRANNELL, Revere, Mass., assignor of two-fifths to Orlo M. Crannell, Revere, Mass. Filed July 6, 1923. Serial No. 649,576. 5 Claims. (Cl. 62-96.)



1. A ventilating apparatus for closed rooms comprising an outflow conduit for foul air leading from the upper portion of the room directly to the outside atmosphere, a separate inflow conduit for fresh air leading from the atmosphere outside of the room to the interior thereof without communication with said outflow conduit and having an enlarged chamber therein provided with an outlet in its bottom leading to the lower portion of the room, and a refrigerating device contained in said enlarged chamber and operative to dry and cool incoming fresh air to a temperature below that existing in the room, thereby causing the cooled relatively heavier air to flow by gravity downwardly through the outlet in the bottom of said chamber and into the lower portion of the room and thereby causing a corresponding volume of foul air to discharge from the room to the outside atmosphere.

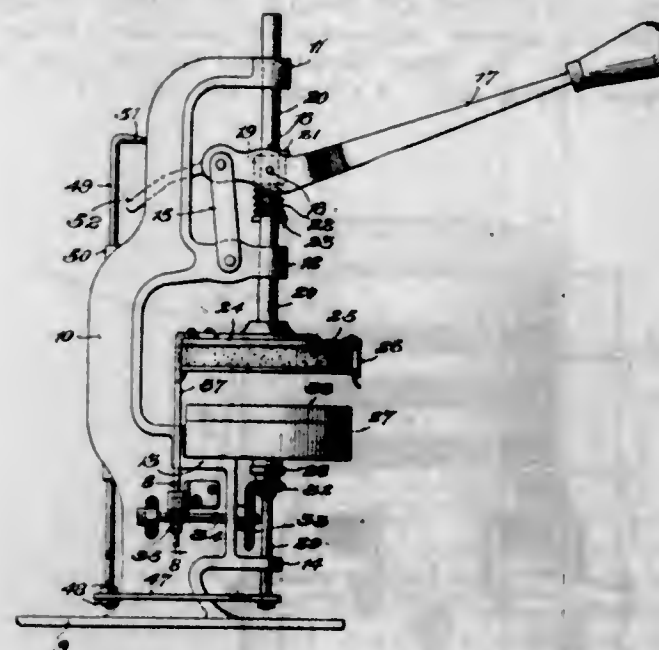
1,642,606. CLUTCH DEVICE. ALBERT DE JOUETTE, Nanterre, France. Filed Sept. 2, 1926. Serial No. 133,233, and in France Sept. 9, 1925. 3 Claims. (Cl. 74-7.)



1. A clutch device comprising a controlling toothed wheel, a part to be controlled, a second toothed wheel showing two diametrically opposed parts devoid of teeth and adapted to mesh with the first mentioned controlling toothed wheel, a disc coaxial with second toothed wheel and pivotally secured thereto along a diametral axis perpendicular to the diameter joining the tooth-free parts of the second wheel, the teeth provided on the said disc

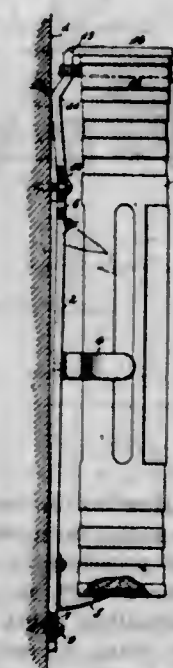
on those parts thereof which correspond to the tooth-free parts of the second toothed wheel and adapted to mesh with the controlling toothed wheel, a lever adapted to make the disc rotate round its pivoting axis and its teeth engage the first toothed wheel and means whereby the second wheel is operatively connected with the part to be controlled.

1,642,607. MACHINE FOR DEPOSITION OF COATING. RUFUS G. FORDYCE, Chicago, Ill. Filed Nov. 12, 1926. Serial No. 147,987. 9 Claims. (Cl. 101-126.)



1. In a stenciling-machine, a stencil having openings therethrough, a stock-presser at one side of said stencil, an actuating member for said stock-presser, a coating-carrier at the other side of said stencil having members aligned with said openings, and an actuating train for said carrier movable by said actuating member, after stock is brought against said stencil by said stock-presser, to move said carrier members into said openings.

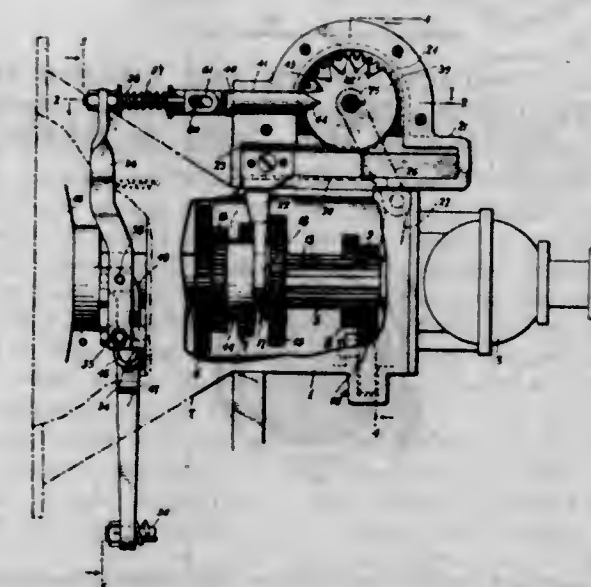
1,642,608. FIRE EXTINGUISHER. ELI HALIKMAN, Brooklyn, N. Y., assignor, by mesne assignments, to Harry Bromberg, Bayshore, N. Y. Filed June 25, 1926. Serial No. 118,535. 3 Claims. (Cl. 169-35.)



1. A bracket for supporting a container provided with a removable cap comprising a body adapted to be mounted in a vertical position having apertures near each end

for receiving securing means and a top horizontal section, said body having a threaded aperture near said section, a screw member adapted to extend through said cap and into said threaded aperture for clamping the cap to the bracket, a pair of resilient arms carried by said body intermediate the ends, said arms being positioned to partly encircle said container to hold the container adjacent said body, and a spring carried by said body near the bottom, said spring adapted to act on said container to force the same against said cap.

1,642,609. TRANSMISSION GEAR FOR AUTOVEHICLES. GEORGE O. HOWETH, Morattico, Va., assignor of one-half to Willard D. Newbill, Lancaster County, Va. Filed Nov. 18, 1925. Serial No. 69,853. 3 Claims. (Cl. 74-58.)

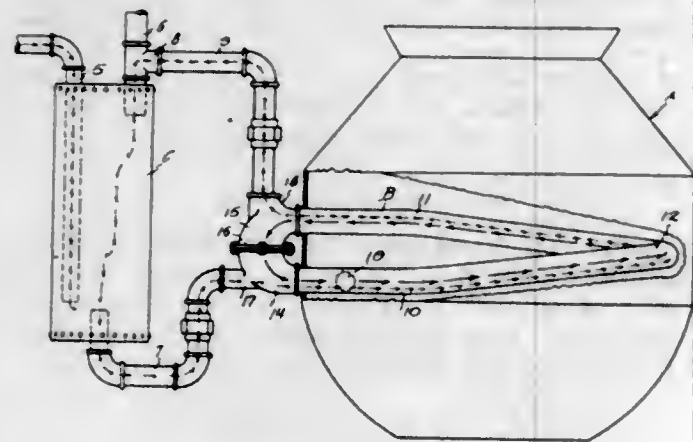


1. In transmission gear, a gear box, a lay shaft supported within said gear box, a sleeve journaled thereupon having spaced gears of different size driven from an engine operated gear, a sliding gear unit within said gear box in operative relation to said driven gears, one side of said gear box being formed with a slot, a casing secured to said gear box having a slot registering with the slot in said gear-box, said casing being formed with a guideway, a rack bar in said guideway having a portion projecting through said slots into said gear box, a yoke on said portion engaging said sliding gear unit for actuating the same, a gear journaled within said casing meshing with said rack bar, a hand lever ultimately connected to said last named gear and clutch actuated locking means for locking said gear against rotation while the clutch is in engagement.

1,642,610. APPARATUS FOR PREVENTING INCrustation OF WATER COILS. EDWARD I. INGLES, Indianapolis, Ind. Filed Mar. 11, 1926. Serial No. 94,020. 4 Claims. (Cl. 122-13.)

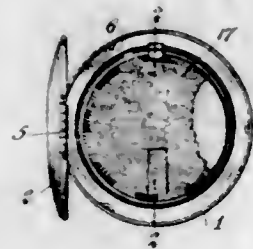
1. The combination with a hot water heater including a coil having its outlet and its inlet arranged substantially in the same vertical plane, vertically arranged fittings connected to each other and to the inlet and the outlet, a supply for cold water connected with the lower end of the fittings, and an outlet pipe for the warm water

connected with the upper end of the fittings, of a ball arranged in the coil and adapted to travel by the circulation of water therethrough from the lower most



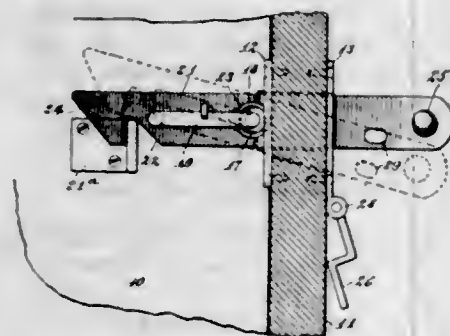
point of the coil to the uppermost part of the coil and return by gravity to the lowermost point of the coil when the same reaches the fittings.

1,642,611. COMPACT HOLDER AND EJECTOR FOR VANITY CASES. WILLIAM G. KENDALL, Newark, N. J. Filed Dec. 22, 1926. Serial No. 156,479. 5 Claims. (Cl. 132-82.)



4. A compact holder and ejector for vanity cases comprising a substantially L-shaped ring adapted to be fitted into the body of a vanity case, said ring being formed with a plurality of pressed out members for holding a compact in said body, said ring having an opening therein, and an ejector having a looped portion pivotally mounted within the ring and a pair of arms extending from the looped portion through the opening, one of said arms being normally positioned beneath said compact and the other at a point above the compact.

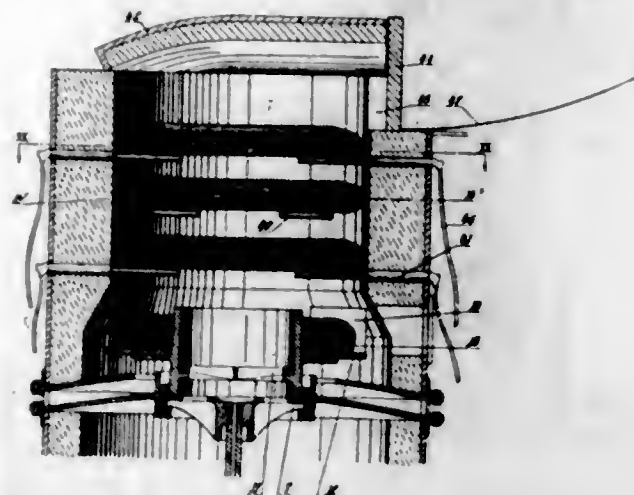
1,642,612. DOOR LATCH. CATO HAARBERG, Kent, Wash. Filed June 2, 1926. Serial No. 113,227. 2 Claims. (Cl. 292-128.)



1. The combination with a closure frame and a swinging closure, of escutcheon plates secured to opposite faces of the closure near the free edge of the latter,

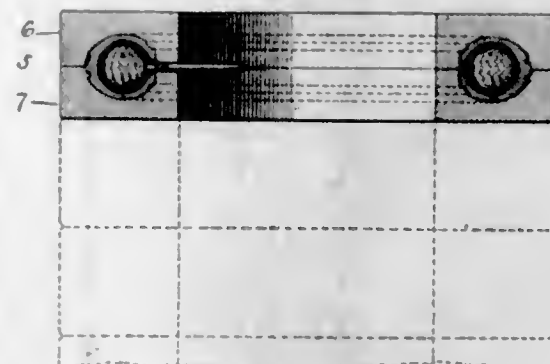
said escutcheon plates and closure having aligned slots therein, a bolt pivoted intermediate its ends and extending through the slots, a keeper on the frame, spring means urging the bolt into engagement with the keeper, and means for selectively locking the bolt against pivotal movement, including a forked element pivoted to one of the escutcheon plates and adapted to straddle the bolt and be held against movement to inoperative position by a padlock shackle passed through the bolt.

1,642,613. FURNACE ADAPTED FOR THE HEATING AND UNWINDING OF ROLLS OF WIRE. ANDRÉ FELIX JACQUEMIN, Saucourt-par-Doullincourt, France. Filed June 28, 1926. Serial No. 119,204. and in France July 8, 1925. 6 Claims. (Cl. 263-7.)



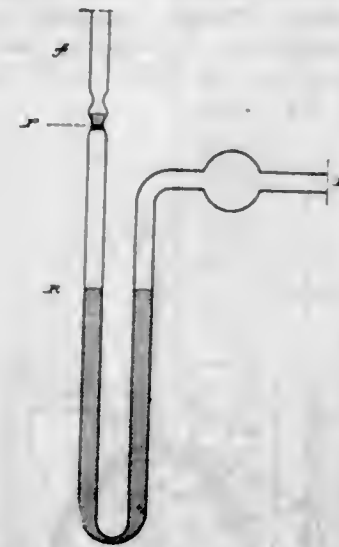
1. A furnace of the character described comprising a reel construction at the bottom of the furnace for supporting a coil of wire and a plurality of supports arranged above the reel for successively supporting coils of wire in their movement toward said reel structure.

1,642,614. METHOD OF CURING RUBBER ARTICLES. ROBERT R. JONES, Akron, Ohio. Filed Apr. 16, 1923. Serial No. 632,278. 8 Claims. (Cl. 18-53.)



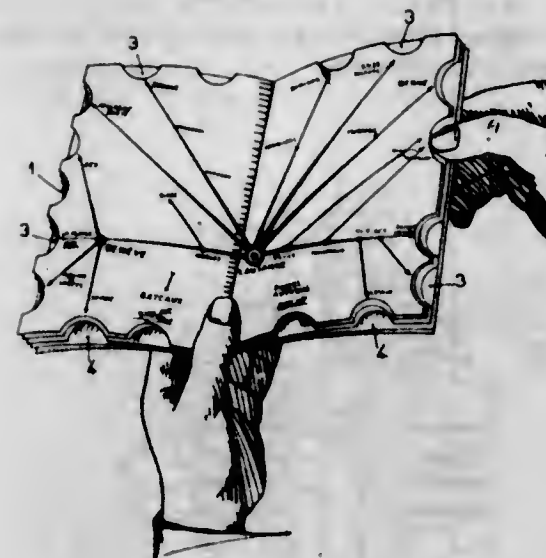
7. That method of curing hollow rubber articles which comprises enclosing the same in molds, introducing into the articles water under pressure to expand the articles against the mold surfaces and at curing temperature greater than its normal boiling point to cure the articles from within, said water being at said temperature when it is introduced into the articles, and supplying a heated fluid curing medium about the molds to simultaneously cure the articles from without and to maintain the water at a curing temperature throughout the period of cure.

1,642,615. MANOMETER. WILHELM LOMMEL, Wiesdorf, near Cologne-on-the-Rhine, Germany, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt, Germany. Filed Mar. 26, 1924. Serial No. 702,112, and in Germany Mar. 26, 1923. 4 Claims. (Cl. 73-31.)



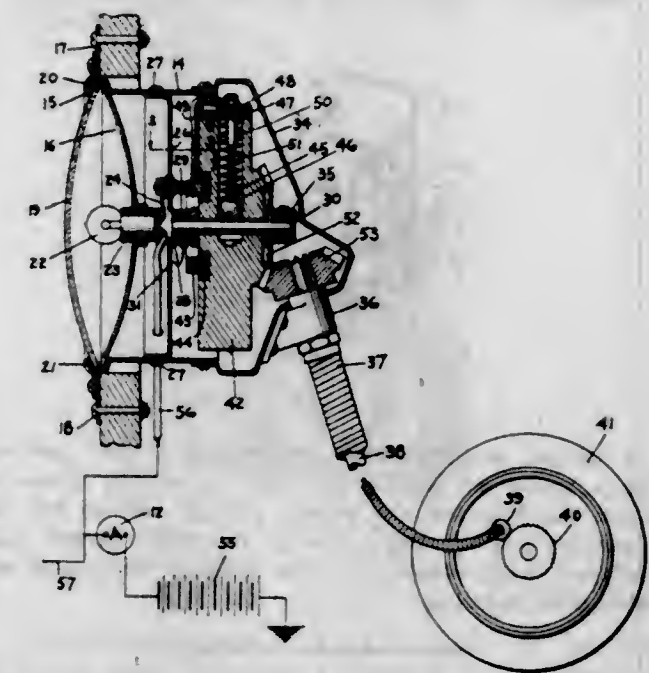
1. A device for measuring gaseous pressures comprising a bent tube enclosing a mercury column, a porous plate extending across the passage through said tube, said plate being pervious to gas and impervious to mercury, and a sealing body of mercury at the side of said plate opposite to said mercury column.

1,642,616. RAILWAY GUIDE. GODEFROY-RODOLPHE LUGNIBUL, Lausanne, Switzerland. Filed May 22, 1925. Serial No. 32,135, and in Switzerland May 26, 1924. 2 Claims. (Cl. 283-36.)



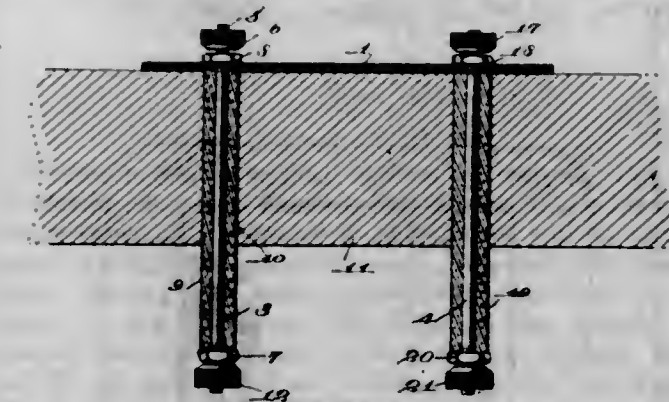
1. A railway guide comprising a number of pages, a double page provided with a schematic map showing the names of various stations arranged to substantially correspond to their geographical positions and also provided with a number of lines indicative of railway communication lines radiating from at least one station and passing through some of the other stations and branching from the remaining stations, the remaining pages showing data of the various railway lines, the outer end of each line pointing towards the edge of the double page and the edges of the pages being thumb-notched at the end of each line as far as the corresponding data page.

1,642,617. SPEED INDICATOR. MYRON MARCUS, Los Angeles, Calif. Filed Apr. 1, 1925. Serial No. 20,021. 4 Claims. (Cl. 177-311.5.)



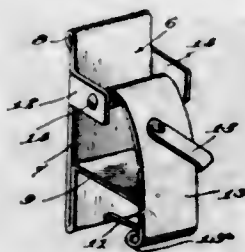
1. In a speed indicator, a substantially cylindrical housing, a transverse partition secured therein, a lamp on one side of said partition, a bearing member secured to the partition, on the side opposite the lamp, a shaft rotatable therein, a wheel mounted on the shaft to rotate therewith, said wheel having a radial chamber open at the outer end and having a commutator on one face imbedded in insulating material, a contact plug inserted in the open end of the radial chamber and held on the periphery of the wheel by an insulating block, an electrical lead from the commutator to the plug contact, a brush mounted on the partition, an electrical conducting member mounted in the radial chamber, a spring tensioned to allow engagement of said conducting member and the contact plug at high speeds of rotation and to break said contact at low speeds of rotation, said conducting member forming a ground with the wheel, and means adapted to rotate the wheel from a moving part of a vehicle and a wire connected to the brush and in circuit with said lamp and with the ground.

1,642,618. LEAD-IN CONNECTION. EVERETT NOEL MAUPIN, Fallon, Nev. Filed Oct. 14, 1924. Serial No. 743,597. 1 Claim. (Cl. 173-324.)



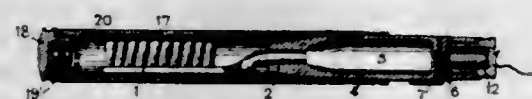
A lead-in connection comprising a plate of insulation substance, a pair of conducting rods passing perpendicularly through said plate in spaced relation, an insulating sleeve embracing each rod, and abutting against the rear face of said plate, nuts on the opposite ends of the rods for locking the insulated sleeves in rigid relation with the front plate and binding nuts on the opposite ends of the rods for securing the usual connections to the conducting rods.

1,642,619. BAG RACK. JACK MEDLOCK, Grandfield, Okla. Filed Aug. 29, 1925. Serial No. 53,383. 4 Claims. (Cl. 211-2.)



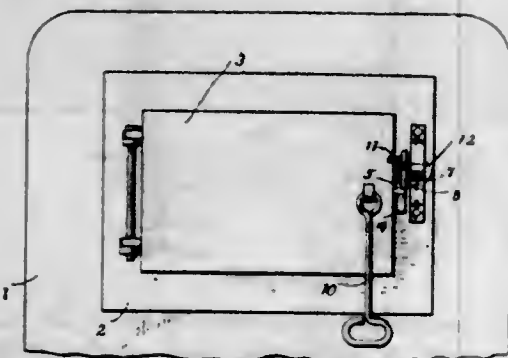
1. A hanger for bag racks comprising a body portion having a prong to engage the bags, a holding plate to maintain the bags on the prong, a shelf carried by the body portion and having a lug at its outer corner, and a U-shaped latch pivoted to the holding plate and engageable with said lug.

1,642,620. POCKET OUTFIT FOR THE CARE OF TEETH. JOHN ROGERS MERRILL, Paris, France. Filed Nov. 19, 1926, Serial No. 149,433, and in France Mar. 15, 1926. 9 Claims. (Cl. 132-84.)



1. In a pocket outfit for the care of the teeth, a handle, a brush removably arranged in said handle, a reservoir in said handle for a liquid dentifrice, an opening for the distribution of such liquid, adapted to be closed by the brush shank, an aperture being provided in the end of said reservoir opposed to the opening of distribution of the liquid, means for regulating the entrance of air through said aperture, and means for sterilizing the said brush.

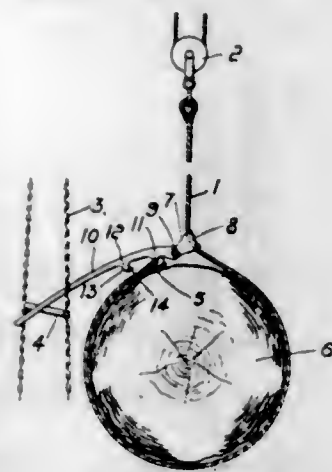
1,642,621. FURNACE-DOOR FASTENER. HERBERT W. MORREALL, Pine Grove, Pa. Filed July 19, 1926. Serial No. 123,538. 5 Claims. (Cl. 292-198.)



1. The combination with a furnace door provided with the usual stop and catch for retaining the same in closed position, of fastening means comprising a latch mounted

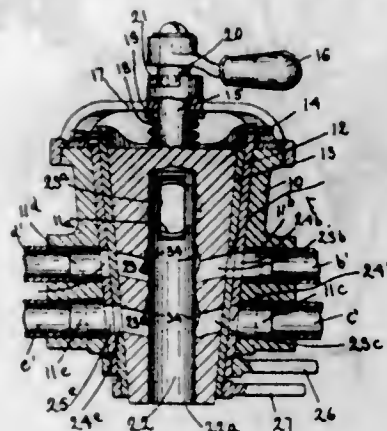
upon the furnace and adapted to engage the said catch and prevent casual disengagement thereof from the stop, the pivot of the latch being in a higher plane than the catch to admit of the latch inclining inwardly and downwardly to prevent accidental disengagement from the catch.

1,642,622. CHOKER HOOK. GUST NELSON, Vancouver, British Columbia, Canada, assignor of one-half to Frank R. Pendleton, Vancouver, British Columbia, Canada. Filed Nov. 18, 1926. Serial No. 149,207. 3 Claims. (Cl. 294-75.)



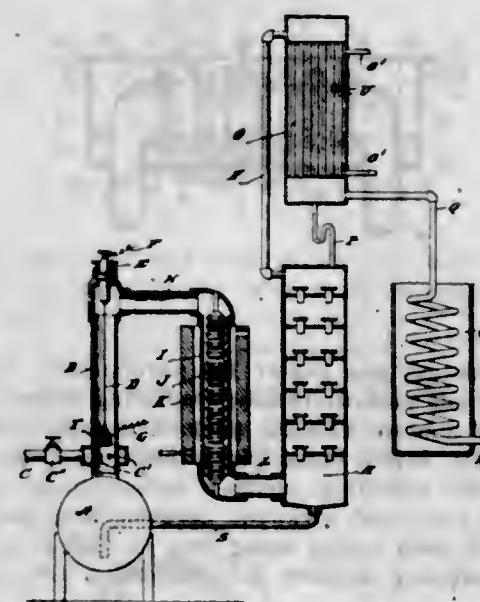
1. The combination of a hoisting line, a choker hook carried by the line and adapted to connect an end of the line to an intermediate portion of said line after being passed about a load and hook releasing means positioned to engage the hook when the hoisting line is lowered and to thereby disconnect the hook from the end of the line to release the load.

1,642,623. DISPENSING APPARATUS. HARRY A. NIVEN, Boston, Mass. Filed Feb. 14, 1927. Serial No. 168,041. 5 Claims. (Cl. 225-26.)



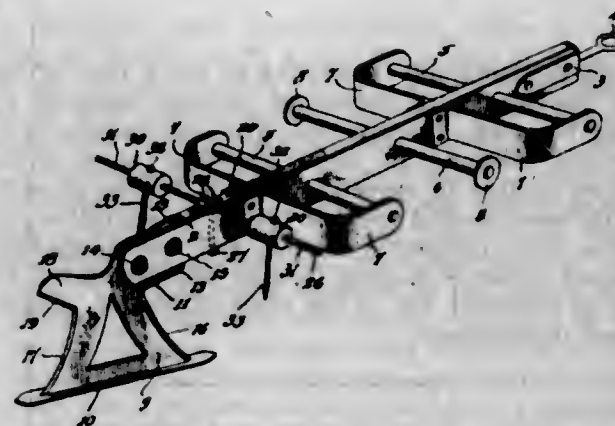
4. In a dispensing apparatus, the combination of a plurality of containers; ducts connecting the several containers with a single discharging device comprising a body; sleeves rotatable within the body; perforations therethrough adapted to align with the several ducts; means for rotating the sleeves to align respective perforations with a plurality of selected ducts; means for adjusting the sleeves relative to one another to permit a variety of blended components to be discharged when the plug is rotated through a predetermined fixed arc.

1,642,624. PROCESS AND APPARATUS FOR THE CONVERSION OF HEAVY PETROLEUM OILS INTO LIGHTER OILS. VERNON W. NORTHRUP, Hurlock, Md., assignor to The Petroleum Hydrogenation Company of America, Incorporated, Wilmington, Del., a Corporation of Delaware. Filed Nov. 20, 1924. Serial No. 751,171. Renewed Feb. 8, 1927. 16 Claims. (Cl. 196-57.)



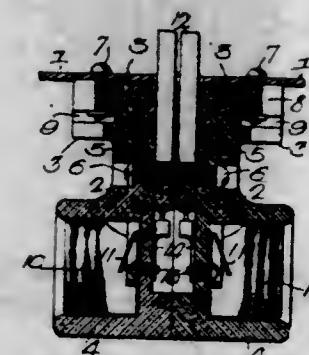
1. The method of converting heavier hydrocarbons into lighter hydrocarbons which comprises producing a mixture of vapors of said heavier hydrocarbons and a gas having available hydrogen, passing the mixture through an electrifying zone and thereafter through a catalyzing zone which is independent of said electrifying zone.

1,642,625. BLUBBER-SLICING IMPLEMENT. EDWIN C. NORTON, Arcata, Calif. Filed Aug. 27, 1926. Serial No. 131,961. 6 Claims. (Cl. 17-21.)



2. A blubber removing implement comprising a draft beam, a blubber cutting blade disposed vertically below said draft beam and having a vertically disposed sharpened edge, an arm extending forwardly from the upper portion of said blade, a pin passed through said arm and draft beam to mount the blade for vertical swinging movement longitudinally of the draft beam to adjusted positions, and means to releasably secure said blade in an adjusted position.

1,642,626. TWIN SOCKET. HENRY T. PAISTE, Philadelphia, Pa., assignor to H. T. Paiste Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed May 26, 1922. Serial No. 563,953. 2 Claims. (Cl. 173-358.)



1. The combination in a twin socket of two similar members each including a head portion having a receptacle, a reduced neck and an extended base portion; with means extending through the neck portions for separably connecting the members with the receptacles arranged to project in opposite directions.

1,642,627. METHOD OF VARYING THE SIZE OF GARMENTS. MAX PALEY, Monticello, N. Y. Filed Dec. 24, 1926. Serial No. 156,882. 3 Claims. (Cl. 2-93.)

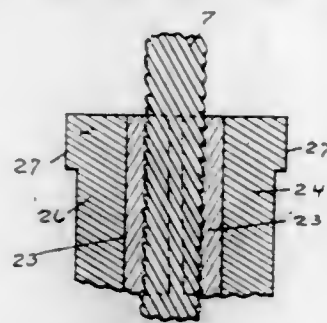


3. The herein described method of varying the proportionate size of a finished coat having taped armholes which consists in completely opening the side seams and partly opening the armhole seams, severing the armhole tapes, moving the back of the coat relatively to the front of the coat along the lines of the former side seams, inserting a piece in each of the armhole tapes, letting out portions of the lining of the coat, restitching all of the opened seams, taking up the projecting skirt portion, and sewing together the portions of the lining let out.

1,642,628. WELL-DRILLING APPARATUS. FRED A. PHILBRICK, Santa Cruz, Calif. Filed Nov. 4, 1925. Serial No. 66,802. 1 Claim. (Cl. 24-243.)

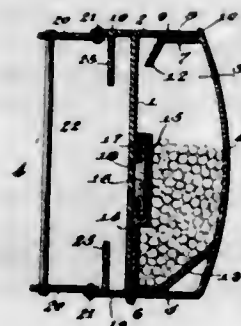
In a clamp, a pair of elongated cooperatively associated semi-circular members, having the same cross-sectional area throughout their length, a liner secured

in each semi-circular member by flowing the same therein whereby a roughened surface will be provided on the



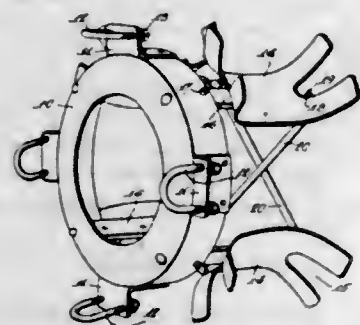
inner surface of said lining, and said liner being of a softer material than the material forming the semi-circular members.

1,642,629. MATCH BOX. JULIAN RANKIN, Louisa, Ky., assignor of one-half to Jake Isralsky, Louisa, Ky. Filed Apr. 2, 1925. Serial No. 20,263. 2 Claims. (Cl. 206-33.)



1. An article of the character described, comprising a case, said case including a body section having a back plate formed with outwardly extending vertical side walls and with an upper end wall, a cover section comprising a head having an inwardly extending wall at its lower end hinged to the lower end of said back plate, the head of said cover section also having an inwardly extending latching member at its upper end adapted to engage with the upwardly extending upper end wall of the body section when the cover section is closed, a guard extension at the inner end of said locking member, said guard extension being inwardly and downwardly inclined when the cover section is closed and adapted to retain articles in the cover section when the cover section is open.

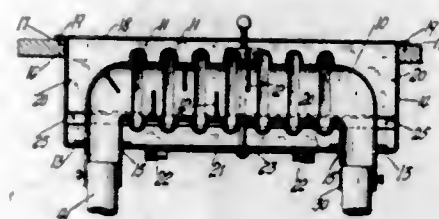
1,642,630. REEL ATTACHMENT FOR AUTOMOBILE WHEELS. FRANK V. SIOLANDER, Jamestown, Kans. Filed Mar. 3, 1927. Serial No. 172,433. 2 Claims. (Cl. 242-95.)



2. A reel attachment for automobile wheels including a base, means to secure said base to a wheel, and separate drum sections, said drum sections having means

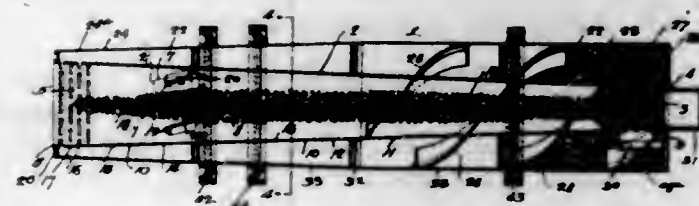
to detachably engage said base; together with cross-braces detachably engageable with the respective drum sections to connect and stiffen the same.

1,642,631. AUTOMOBILE HEATER. WALTER E. STEVENS, Akron, Ohio. Filed Aug. 20, 1925. Serial No. 51,312. 3 Claims. (Cl. 257-136.)



1. An exhaust gas heater for automobiles, comprising a thin walled, hollow, tubular radiating member having a series of spaced, annular pockets formed therein and perpendicular baffles extending alternately from opposite sides of the radiating member substantially half way across the same and arranged between said pockets, the inlet end of said heater being free of baffles, and means on said radiating member for supporting the same.

1,642,632. TUMBLING MILL. HARRY W. TITGEN, Philadelphia, Pa. Filed Feb. 25, 1926. Serial No. 90,577. 8 Claims. (Cl. 51-164.)

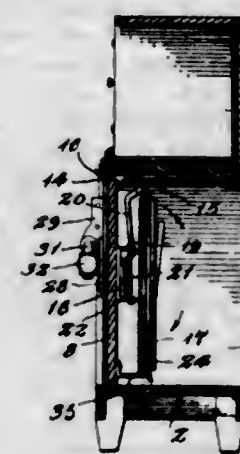


5. A tumbling mill comprising an inner shell of tapered form provided with perforated sections adjacent to the respective ends thereof and also an intermediate imperforate section, an outer conveyor shell having a tapered portion in operative relation to one of said perforated sections and another portion in operative relation to the other perforated section, and means whereby the cleaning elements passing through one perforated section may be positively fed to the other perforated section and passed therethrough.

1,642,633. ARTICLE OF FURNITURE. FRANK C. VITTEGL and JOHN A. VITTEGL, Cedar Rapids, Iowa. Filed Apr. 28, 1925. Serial No. 26,407. 4 Claims. (Cl. 45-51.)

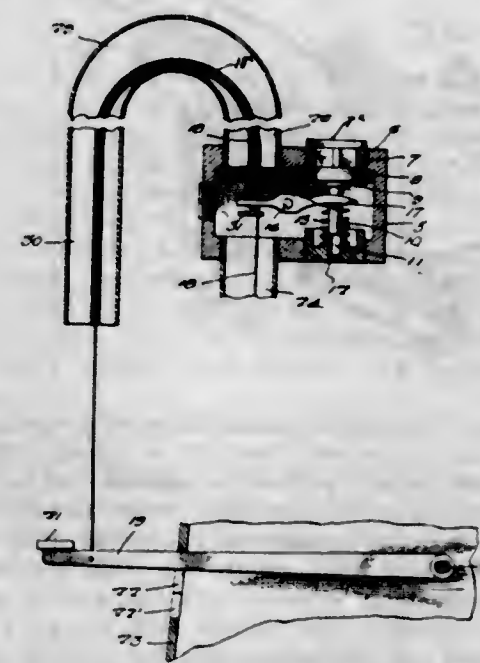
4. A device of the character described including a compartment, a panel serving as a closure for the compartment, means on the panel for free rotative movement thereof, a latch on the compartment for holding the panel in either one of two positions and an article of furniture mounted on one wall of the panel whereby the article of furniture is sealed in the compartment in one position of the panel and positioned externally of the compartment in the other position of the panel, said article of

furniture being mounted on the panel in such relation to the axis of rotation of the panel as to tend to swing the panel to bring the article of furniture out of the com-



partment when the said latch is released with the panel positioned to dispose the article of furniture in the compartment.

1,642,634. GASOLINE-DISPENSING TANK. MILTON G. VOLCKER, Huntington, Ind. Filed July 14, 1924. Serial No. 726,036. 4 Claims. (Cl. 221-100.)

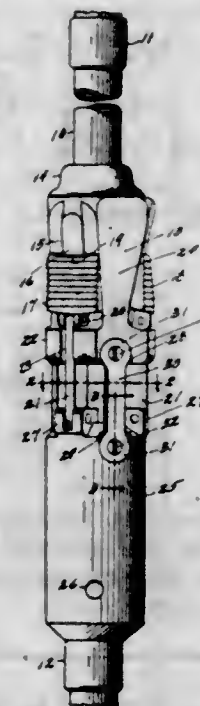


4. A dispensing tank equipped with a series of vertically spaced outlets, each outlet consisting of a casing having an opening formed in its top wall, a bushing secured in said opening having its upper end formed to present a knife edge projecting above the casing and its lower end formed to provide a valve seat, a valve normally engaged with said seat and provided with a depending valve stem having a pin passing transversely therethrough, means for guiding the movement of said valve stem, a valve opening lever mounted in the casing on a pivot passing through an intermediate portion of the lever, one extremity of the lever being bifurcated to provide a fork straddling the valve stem and overlying said pin so that when the forked end of the lever is depressed it engages the pin to move the valve away from its seat, an operating element connected to the remaining end of the lever and a delivery pipe connected to all of said casings.

1,642,635. AUTOMATIC TUBING CATCHER FOR WELLS. ROBERT A. WILSON, Dallas, Tex., assignor to The Gulherson Corporation, Dallas, Tex., a Corporation of Delaware. Filed June 26, 1926. Serial No. 118,833. 3 Claims. (Cl. 103-219.)

1. In an automatic well tubing catcher, a tubing section, a head connected therewith, gripper slips mounted

on the head and movable outwardly relatively of the head, a weight member slidable on the section below the head, connections between the slips and said mem-



ber, and elastic connections between the head and weight member of rubber-like material of sufficient rigidity to resist retraction when distended to suspend said member.

1,642,636. HAIR-WAVING COMB. SYDNEY MOLERO WRIGHT, London, England. Filed Jan. 28, 1926. Serial No. 84,383, and in Great Britain July 13, 1925. 2 Claims. (Cl. 132-18.)

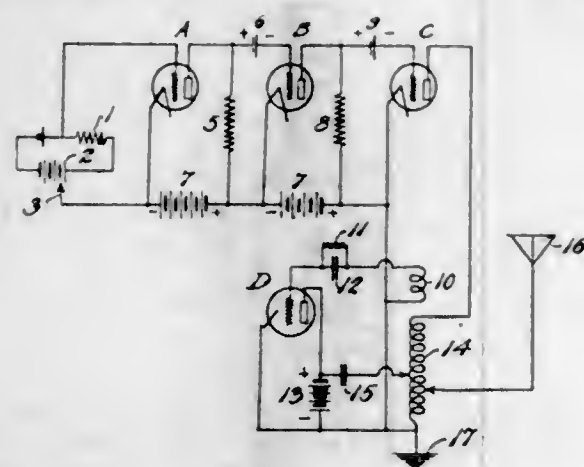


1. A hair waving comb comprising a plurality of thin parallel teeth having in cross section the form of troughs and spaced so that the plane joining the lateral boundary edges of any tooth definitely intersects the wall of an adjacent tooth on both sides of the bottom line of the trough of the said adjacent tooth.

1,642,637. SYSTEM OF FACSIMILE TELEGRAPHY BY WIRELESS SIGNALS. EDOUARD BELIN, Paris, France. Filed Sept. 3, 1924. Serial No. 735,605, and in France Sept. 27, 1923. 4 Claims. (Cl. 178-7.)

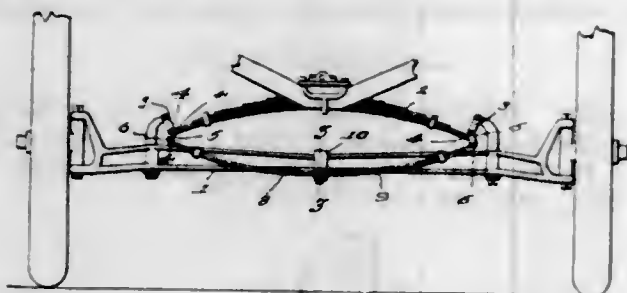
1. The method of transmitting gradual, irregular, non-oscillatory electrical variations representing gradual variations in light and shade between successive points on a picture by radio frequency carrier waves and receiving the same with an oscillograph receiver responsive to variations in frequency of a relatively low frequency carrier current, which comprises transforming the electrical variations into corresponding variations in frequency of a radio frequency carrier current, transmitting

the radio frequency carrier current to a receiving station and at the receiving station heterodyning said radio frequency carrier waves to produce a variable frequency



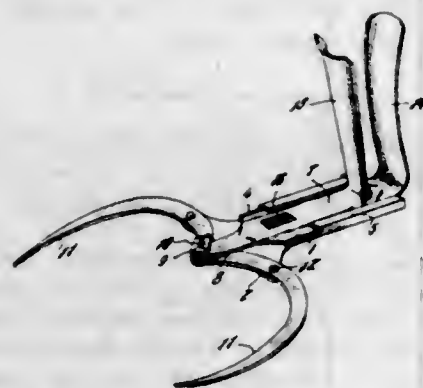
carrier current of the said relatively low frequency to which the oscillograph is responsive and varying in frequency in accordance with the variations in frequency of the radio frequency carrier wave.

1,642,638. SPRING. WILLIAM M. BOLT, White Sulphur Springs, W. Va. Filed June 23, 1926. Serial No. 118,104. 1 Claim. (Cl. 267-46.)



The combination with the front of an automobile of the Ford type, of links secured to the opposite sides of the spring shackles at the said front of the automobile, comparatively long bolts passing through each pair of links, leaf springs arranged on the opposite sides of the front axle and having their ends connected to the last mentioned bolts, a U-shaped yoke disposed centrally over the front axle and having outstanding ends on which the center of the auxiliary springs rest, a plate arranged beneath the yoke, a block carried by the plate, received in the yoke and contacting the under face of the front axle and removable means securing the auxiliary springs and the plate to the angle ends of the yoke.

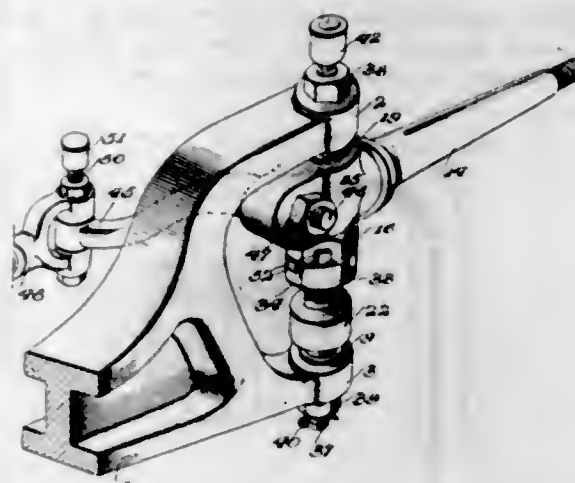
1,642,639. SHOCKING TONGS. ERNEST R. BORN, Hensel, N. Dak. Filed May 3, 1926. Serial No. 106,523. 1 Claim. (Cl. 294-115.)



A fork adapted for use in shocking grain by hand, comprising a plate having one of its ends widened and its opposite end centrally formed with an angularly ar-

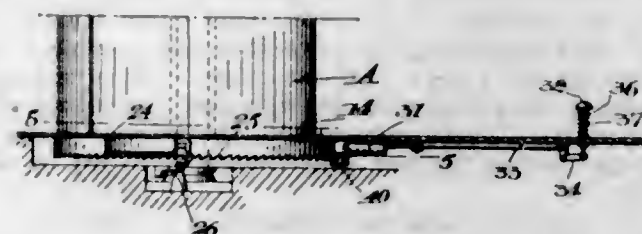
ranged handle, the central portion of the plate, between the handle and the said widened portion being concaved longitudinally from the inner face thereof, and the straight edges of the plate being flanged in the direction of the handle for a determined distance and then formed with inwardly directed overlying flanges, a second plate having straight edges which are slidable between the flanges of the first mentioned plate, said plate having its body portion centrally rounded outwardly, one of its ends providing a handle which is formed with an angle end disposed opposite the first mentioned handle and its second end reduced and extending over but out of contact with the widened end of the first mentioned plate, thus pivoted respectively to the outer corners of the widened end of the first mentioned plate and loosely pivoted to the reduced extension of the last mentioned plate and a spring received in the arched portions of the plates and exerting a tension between said plates.

1,642,640. ADJUSTABLE STEERING KNUCKLE. ELMER BOUCH and THEO R. SHRIVER, Worthington, Pa. Filed Oct. 6, 1926. Serial No. 139,941. 5 Claims. (Cl. 280-96.1.)



3. A steering knuckle construction comprising an axle having a pair of spaced branches, a spindle bolt extending between said branches, a spindle having a body formed with an opening through which said spindle bolt extends loosely, a spindle body bushing rotatable and axially movable on said spindle bolt, said bushing having a portion adjustably engaged with the wall of said opening of the spindle, said spindle bolt having a bore extending from one end of the bolt for part of its length, said bolt also having small passages leading from said bore to the spaces between the members of said anti-friction members, and a lubricator disposed in the outer end of said bore.

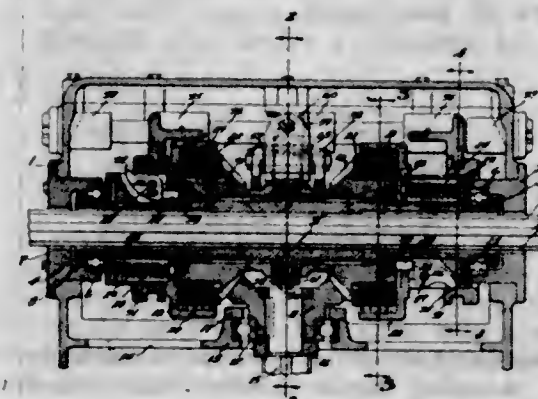
1,642,641. MEANS FOR PROTECTING BANKS AND THE LIKE. EZRA JUDSON BUCKNAM, Toronto, Ontario, Canada. Filed Nov. 21, 1923. Serial No. 676,196. 1 Claim. (Cl. 20-1.01.)



In a device of the character described and in combination with a turnstile having engaging means thereon, a spring-actuated locking bolt adapted in normal position to selectively engage with said engaging means and means for operating the bolt from a distance to unlock it, a pivotally mounted gravity operable dog, provided with unequally weighted arms, associated with said bolt and

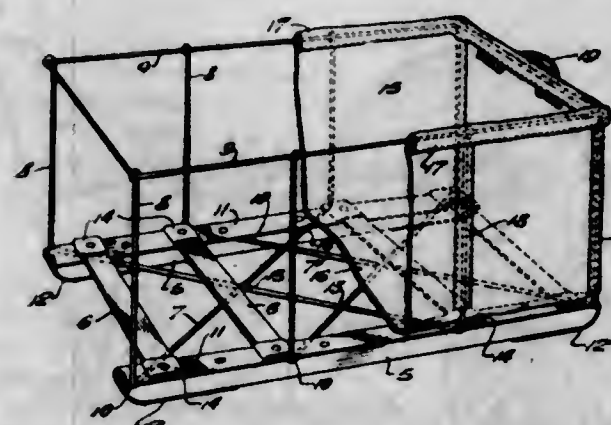
adapted normally to retain the bolt in withdrawn or unlocked position, and means associated with the turnstile adapted on the rotation of the latter to selectively contact with said dog to operate it from normal position to automatically release the spring actuated bolt at predetermined points in the travel of the turnstile.

1,642,642. CLUTCH MECHANISM. JACK C. CARLTON, Cincinnati, Ohio, assignor to The Carlton Machine Tool Company, Cincinnati, Ohio, a Corporation of Ohio. Original application filed Mar. 23, 1922, Serial No. 546,137. Divided and this application filed Mar. 2, 1926. Serial No. 91,691. 1 Claim. (Cl. 192-69.)



In a device of the nature disclosed, a spindle, driving and driven clutch members mounted on said spindle, friction disks interposed between said members and adapted to be frictionally connected under compression, one of said clutch members being translatable upon said spindle toward and from the other, springs carried by said clutch member for exerting pressure upon said members and disks, lever means carried by said translatable clutch member for translating the same in a clutch retracting direction, and a collar mounted upon said translatable clutch member and slidable for actuating said lever means.

1,642,643. LAUNDRY BASKET. NAT CARRUTH, Lagrange, Ga., assignor to Hillside Cotton Mills, Lagrange, Ga., a Corporation of Georgia. Filed Feb. 26, 1926. Serial No. 90,884. 2 Claims. (Cl. 150-51.)

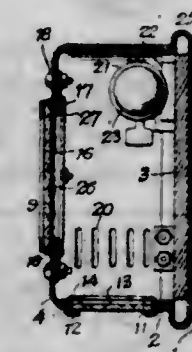


1. A laundry basket of the class specified, having a base structure composed of longitudinal and transverse connecting members comprising longitudinal runners in parallel relation and transverse tie members secured at their opposite extremities to the upper sides of the runners, a plurality of U-shaped units arranged in pairs and having horizontal members diagonally crossing in the base structure below the said tie members, the runners having metal straps secured over the upper surfaces thereof and continued around the ends and partially over the lower sides of the opposite extremities of the said runners, said straps also extending over the horizontal members of the U-shaped units crossing the runners, roller

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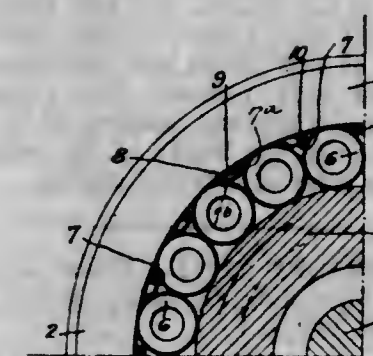
devices applied to the base to facilitate movement thereof, a rim surrounding the top of the basket and having the upper ends of the uprights secured thereto, and a pouch associated with and connected to the uprights and rim and having the bottom thereof loosely engaging the base structure.

1,642,644. HOUSE NUMBER AND PORCH LIGHT. JOHN G. CLEMONS, Denver, Colo. Filed Oct. 20, 1925. Serial No. 63,683. 1 Claim. (Cl. 40-133.)



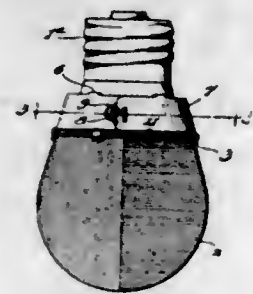
A house number and porch light comprising a base provided with a forwardly extending flange, a case hingedly connected with said base to close over said flange, a latch to hold said case in closed position, an electric lamp socket carried by the base at a point in the top and rear of the case, a lamp disposed substantially horizontally in said socket, said case being provided with ventilating openings in the lower part thereof, a window opening in the bottom of said case extending forwardly with respect to the lamp bulb, a window opening in the forward side of the case, windows in each of said openings, a stencil sheet to be mounted between the forward window and lamp bulb and means to removably hold the stencil in place.

1,642,645. UNIDIRECTIONAL DRIVING DEVICE. GEORGE CONSTANTINESCO, Weybridge, England. Filed Dec. 31, 1926. Serial No. 158,263, and in Great Britain Feb. 26, 1926. 4 Claims. (Cl. 192-45.)



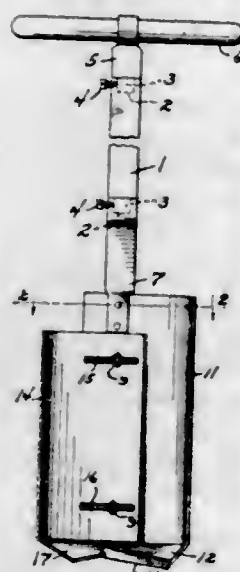
1. A unidirectional driving device comprising a shaft, a unidirectionally driven rotor member fixed thereon in such a way as to impart to it rotary motion, an oscillating member rotatably mounted on the said shaft concentrically with the rotor member, an annular space being left between the rotor and oscillating members, rolling antifriction bodies situated in said space and in contact with the surfaces of the rotor and oscillating members, and thin blades pressed by spring action in such a manner that they tend to interpose themselves between the antifriction bodies and the adjacent surface, thus causing the antifriction bodies and the rotor and oscillating members to bind together when the oscillating member is turned in one direction and to be released when the oscillating member is turned in the opposite direction.

1,642,646. MASK FOR ELECTRIC-LIGHT BULBS. EARL G. CHASE, Smethport, Pa. Filed July 30, 1926. Serial No. 126,001. 7 Claims. (Cl. 240-100.)



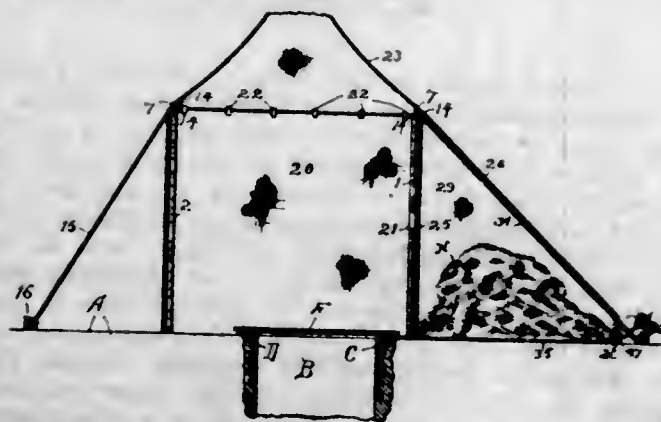
1. A sectional covering, or mask, for electric light bulbs and a clamp secured to and connecting the sections and serving as locking means therefor to retain the device in place upon the lamp bulb, said clamp automatically fastening by a snap action when closed.

1,642,647. POSTHOLE AUGER. ALBERT C. COGER, Dunbar, Nebr. Filed Nov. 18, 1925. Serial No. 69,904. 1 Claim. (Cl. 255-67.)



A post hole auger of the character described comprising a pair of telescopically mounted blades, a bit blade inclined downwardly from one of said blades with the sharp cutting edge formed thereon, a dirt lifter inclined from the other of said blades, and said blades being adjustably associated with respect to each other a handle rising from one of said blades and including detachable sections provided with recesses, and projections also provided on said sections and adapted to be received in said recesses whereby the length of the handle may be varied for boring holes of different depths.

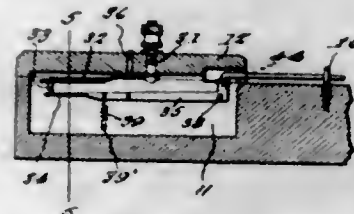
1,642,648. CEMETERY TENT. JAMES M. DODDRIDGE, Milton, Ind. Filed July 31, 1926. Serial No. 126,147. 2 Claims. (Cl. 135-1.)



2. In combination with a main tent having a curtain portion adapted to be opened and closed, a fabric extension for the main tent comprising a top member extending

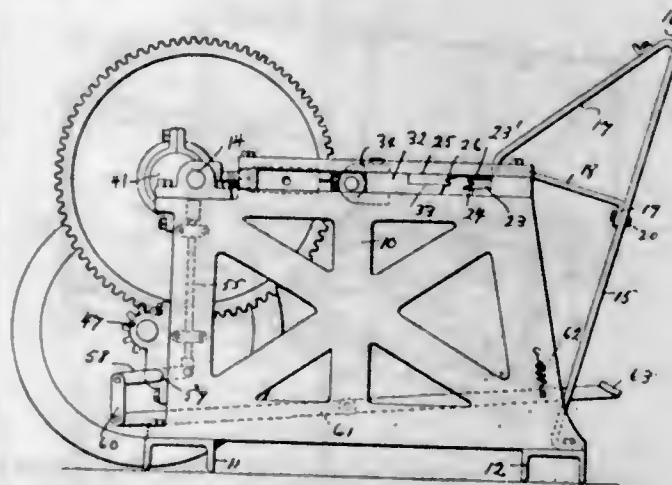
ing at an angle outward and downward from above said curtain portion to near the ground, ends secured to the ends of said top member and extending to near the ground and to the main tent on each side of said curtain extension, a floor for said extension, the same extending inside the main tent through the opening which is adapted to be closed by said curtain member, means for detachably securing the lower edge of the top and the lower edges of the ends to said floor, means for detachably securing the inner edges of said ends to the main tent, and means for detachably securing the lower edge of the top to the ground.

1,642,649. TEMPERATURE-CONTROLLED ALARM. WALTER E. FOX, Omak, Wash. Filed May 3, 1926. Serial No. 106,502. 1 Claim. (Cl. 200-137.)



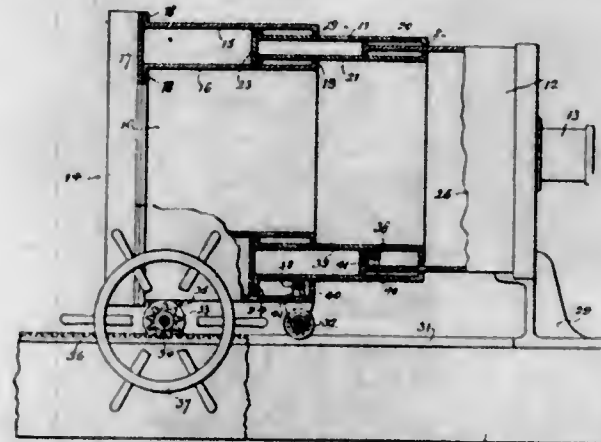
In a device of the class described, a stationary contact element, mounting means therefor, said element having its free end deflected away from the mounting means, a pivoted contact arm cooperating with the stationary contact element, the arm including a forked portion, and a bridge member connecting the elements of the fork, said bridging member being apertured, a temperature controlled element comprising a wire having a deflected end portion connected with the bridging element of the pivoted arm, means for mounting said wire, and permitting movement of the latter longitudinally, incident to expansion and contraction, one end of the wire being formed with an eye portion, and adjusting means connected with the eye portion, said means including relatively movable threaded devices.

1,642,650. LOCK-ROOFING-FORMING MACHINE. JESSE FULENWIDER, HARRY FULENWIDER, EDWARD W. ROBINSON, and HARRY NORRIS, Savannah, Ga., assignors to Harry Fulenwider and Jesse Fulenwider, Savannah, Ga. Filed June 26, 1926. Serial No. 118,721. 4 Claims. (Cl. 153-21.)



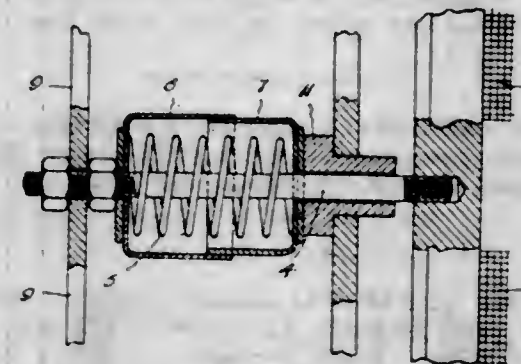
1. In a machine of the class described, a stationary forming plate having a longitudinal channel therein, a movable forming plate having a channel therein, the channels opening towards each other, and the edge wall of one channel being positioned to enter the central portion of the other channel, means for advancing the movable channel plate towards the stationary channel plate and means for supporting the work in an inclined plane extending upwardly from the plane of the stationary forming plate.

1,642,651. ALL-METAL TELESCOPIC BOX FOR CAMERAS. ARTHUR H. GAEBEL, Larchmont, N. Y., assignor to The Gaebel Corporation, New York, N. Y. Filed May 14, 1926. Serial No. 109,128. 7 Claims. (Cl. 95-39.)



1. A camera chamber or box comprising box-like sections telescopically associated, means to which one of said sections is fixedly secured, means supporting the other sections for telescopic adjustment with respect to the fixed section, and means for effecting the telescopic adjustment of the adjustable sections.

1,642,652. SCREEN OR SIEVE FOR DRYING PURPOSES. ALFRED GOBIET, Karwin, Czechoslovakia. Filed Apr. 15, 1927. Serial No. 184,081, and in Czechoslovakia Apr. 12, 1926. 1 Claim. (200-238.)



A screen of the electrically heated type comprising a screen carrying frame formed of relatively movable members, current conductors attached to and projecting outwardly from certain of said members and tension devices including springs encircling said conductors and arranged to exert outward pressure thereon.

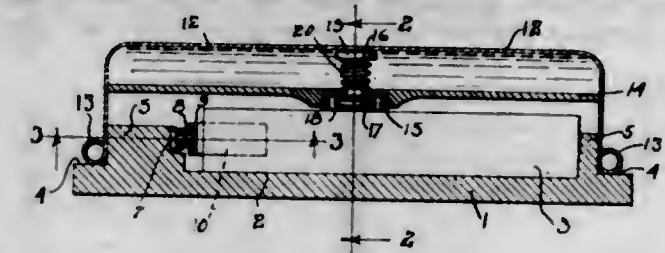
1,642,653. SOLUBLE STRIP LOCAL MEDICATION OF THE ORAL CAVITY. ALFRED D. GOLDSTEIN, New York, N. Y. Filed Feb. 19, 1926. Serial No. 89,495. 2 Claims. (Cl. 167-9.)

2. As a new article of manufacture, a medicinal plaster for effecting prolonged treatment of the oral cavity including a flat flexible adhesive gelatinous carrier strip adapted to be laid against the labial or buccal surfaces of the gums, and a dissolved medicament uniformly permeating the strip, said strip being sufficiently thin to prevent distortion of the lips or cheeks of a user.

1,642,654. OILSTONE BOX. GEORGE S. GRUBER, Scotia, N. Y. Filed Feb. 3, 1926. Serial No. 85,769. 1 Claim. (Cl. 51-211.)

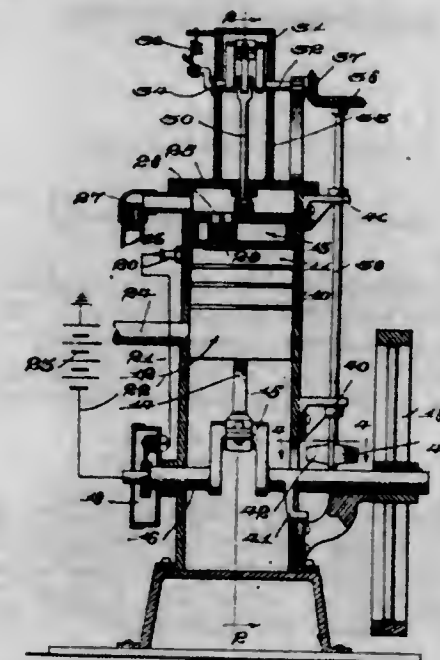
The combination with an oil stone box and an oil stone therein, of a yoke-like spring clamp whose arms frictionally engage with the sides of the oil stone, a central

pivot extending from the clamp and a bar having its ends rotatably journaled in bearings on one of the inner ends of the box and to which the pivot is connected, the wall



of the box opposite said bar being cut away at an angle to permit the swinging of the stone out of the box about the bar as an axis and its swivelling about the central pivot to reversely position the stone.

1,642,655. TWO-CYCLE ENGINE. ELMER J. HART, Vancouver, Wash. Filed Aug. 4, 1926. Serial No. 127,105. 2 Claims. (Cl. 123-66.)



1. A two cycle engine including a cylinder having intake and exhaust ports, main and supplemental pistons located in spaced opposing relation within the cylinder, and forming therebetween a combustion chamber, the supplemental piston being located between the main piston and the intake port and having means to force a combustible charge from the intake port into the combustion chamber upon its movement in a direction away from the main piston, a crank shaft with which the main piston is connected, a second crank shaft with which the supplemental piston is connected, a shaft along the cylinder geared at one end to the crank shaft of the supplemental piston and having diametrically opposed outstanding arms adjacent to the crank shaft of the main piston, said latter crank shaft having an angular finger for engagement during the rotation of the crank shaft with one of the arms of the said shaft to rotate the latter and advance the supplemental piston toward the main piston, and spring means engaging the crank shaft of the supplemental piston for shifting the latter away from the main piston whereby the complete stroke of the supplemental piston will be accomplished during a portion of the stroke of the main piston.

1,642,656. LIQUID-LEVEL GAUGE. JOHN W. HULL, San Antonio, Tex., assignor of one-half to James Riggs, San Antonio, Tex. Filed July 10, 1924. Serial No. 725,161. 3 Claims. (Cl. 73-82.)

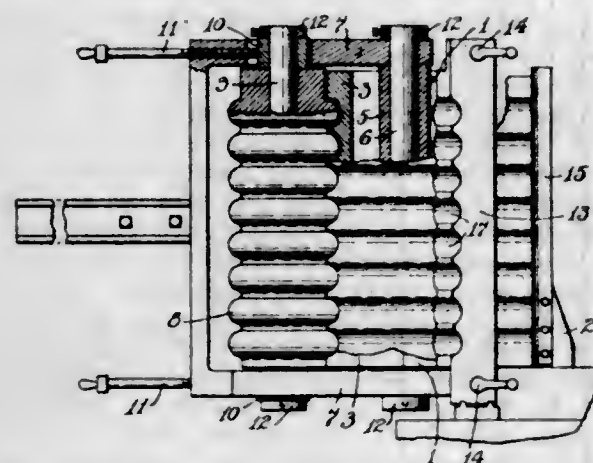
1. In combination with a tank having an opening in its top side, and a tubular casing secured to the tank in line with the opening in the top thereof, and extending up-

wardly therefrom and having a sight opening in a side of its upper portion, of a gauge bar housed within the tubular casing, and passing through the opening in the top of the tank and having its lower end resting on the bottom thereof, a float having an opening to receive the gauge



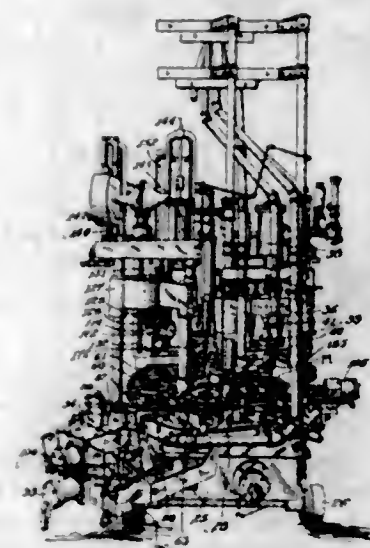
bar upon the lower portion of which it is movably mounted to rise and fall with the change of level of the liquid in the tank, and an indicating member extending through the tubular casing and along a side of the gauge bar and connected at its lower end with the float and movable therewith.

1,642,657. CORRUGATED-SHEET-BENDING MACHINE. CHESTER A. FRICK, Muncie, Ind., assignor to Glascock Brothers Manufacturing Company, Muncie, Ind., a Corporation of Indiana. Filed May 1, 1925. Serial No. 27,152. 3 Claims. (Cl. 153-46.)



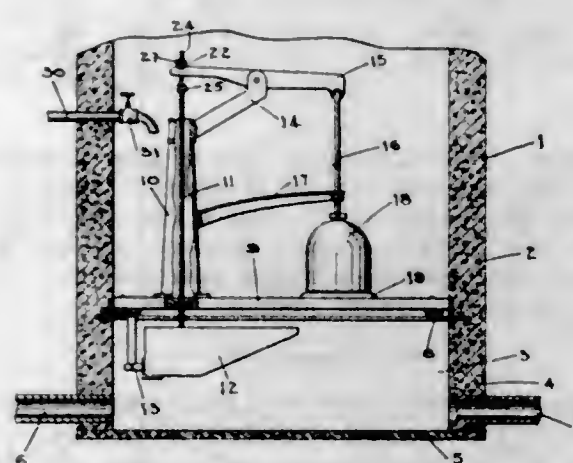
1. In a machine for bending corrugated sheets of metal, the combination with a sheet receiving bed substantially U shaped in cross section and of the same cross sectional dimension from end to end, the legs of the U being drawn inwardly at their extremities and forming substantially flat sides, the face of said bed having formed therein a plurality of transversely extending corrugations adapted to receive the corrugations of the sheet to be bent, a clamp for securing the sheet to be bent against one of the flat faces of the bed and adapted to hold the sheet against longitudinal movement and a roller having a series of parallel corrugations formed in its face to coincide with the corrugations formed in the bed and mounted to roll on the face of said bed beginning at a point on one of the side faces and ending at a point on the opposite side face and beyond the bight in the U.

1,642,658. GLASSWORKING MACHINE. MINOT K. HOLMES, Muncie, Ind., assignor to Hemingray Glass Company, Muncie, Ind., a Corporation of Kentucky. Filed Dec. 1, 1924. Serial No. 753,220. 20 Claims. (Cl. 49-36.)



1. In a glass working machine utilizing a pressing pin to be extracted from the finished article, means for presenting a series of molds successively to successive stations, a press plunger, an extracting plunger, a transfer basket formed to receive a circumferential series of press pins, a transfer arm arranged to receive pins from the extracting plunger and deliver the same to the transfer basket, a transfer arm arranged to receive pins from the transfer basket and deliver the same to the press plunger.

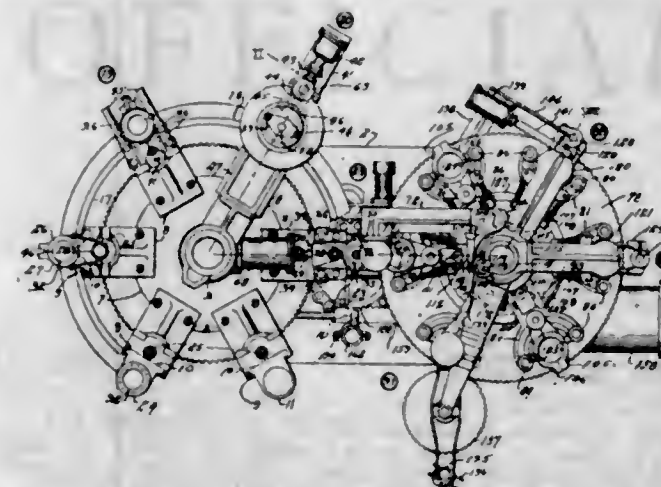
1,642,659. AUTOMATIC SEWER FLUSHER. CHARLES R. LION, Los Angeles, Calif. Filed June 20, 1927. Serial No. 200,035. 6 Claims. (Cl. 182-5.)



1. In an automatic sewer flusher having a flushing column, a pan, a pan rod extending through the column connected to said pan, a lever operatively connected to a valve bell, and an adjustable swiveling connection between the pan rod and the lever.

1,642,660. GLASS PRESSING AND BLOWING MACHINE. FRANK O'NEILL, Toledo, Ohio. Filed Feb. 19, 1924. Serial No. 693,817. 36 Claims. (Cl. 49-9.)
16. A glass forming machine embodying a first rotary carrier, an annular series of one-piece press molds mounted on the first carrier, a two-part ring top section for each press mold and thereabove, a second rotary carrier,

an annular series of blow molds mounted on the second carrier, a two-part ring top section for each blow mold and thereabove, and means for radially shifting and then



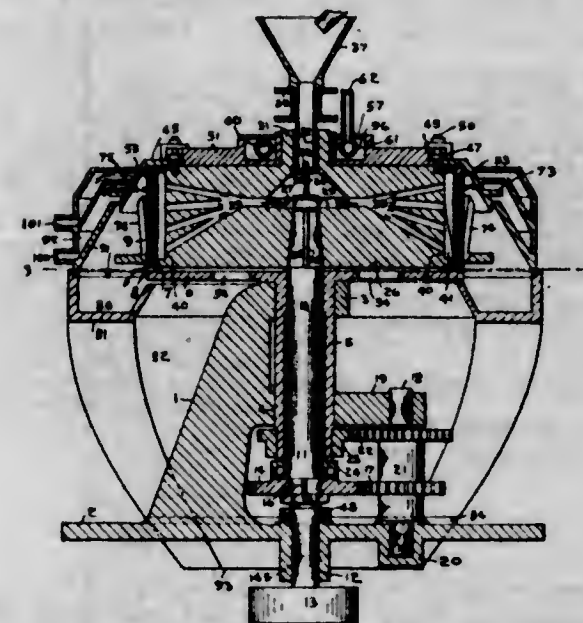
opening the two-part ring of the first carrier into delivery position as to the two-part ring of the second carrier.

1,642,661. EYE BANDAGE. JOHN LA RUE ROBINSON, Reno, Nev., assignor to J. L. Robinson, Inc., Reno, Nev., a Corporation of Nevada. Filed Oct. 16, 1924. Serial No. 744,016. 3 Claims. (Cl. 128-163.)



1. An eye bandage comprising a shield, a brow bar extending upwardly from the inner end of the shield, and a head strap having its intermediate portions surrounding and connected to the brow bar.

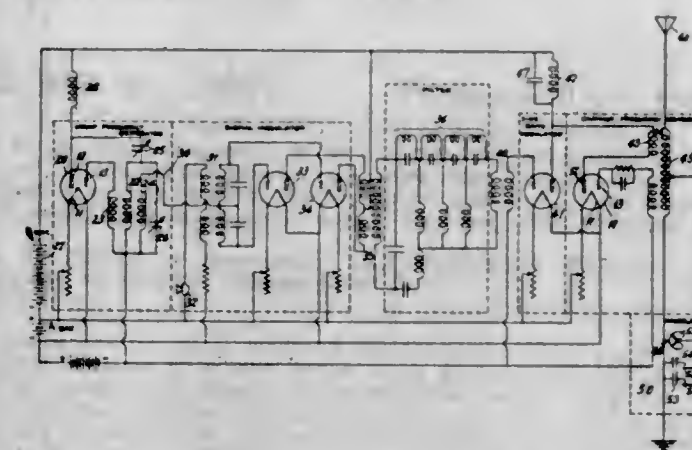
1,642,662. CENTRIFUGAL APPARATUS AND PROCESS FOR CONTINUOUSLY SEPARATING LIQUIDS FROM SOLIDS. HANS C. BEHR, Scarsdale, N. Y. Filed May 6, 1925. Serial No. 28,323. 21 Claims. (Cl. 210-69.)



12. In a device of the character described, the combination of a rotary fluid distributing member, a foraminous separating member surrounding the periphery

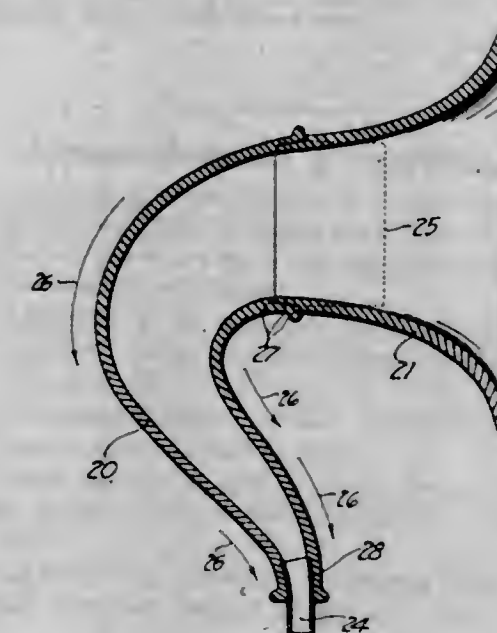
of the same and a receiving member outside said foraminous separating member, the said foraminous separating member being mounted to rotate at a different rate from the distributing member, and the receiving member mounted to rotate in phase therewith.

1,642,663. SYSTEM OF RADIOCOMMUNICATION. EMORY LEON CHAFFEE, Belmont, Mass., assignor to John Hays Hammond, Jr., Gloucester, Mass. Filed Aug. 11, 1922. Serial No. 581,280. 15 Claims. (Cl. 250-6.)



1. Apparatus for emitting radiant energy comprising a generator of high frequency oscillations, another and independent generator of oscillations of lower frequency, means interposed between the generators for producing in said high frequency oscillations amplitude variations of frequencies differing from said lower frequency in accordance with signals, and means for wobbling the frequency of the high frequency oscillations.

1,642,664. METHOD FOR MAKING IRREGULARLY-CORED ARTICLES OF HARD RUBBER AND THE LIKE. ALBERT E. SIDNELL and EMILIUS C. F. HARTMANN, Salt Lake City, Utah. Filed Feb. 18, 1925. Serial No. 10,033. 4 Claims. (Cl. 18-56.)



1. The method of making irregularly shaped objects in hard rubber or the like, consisting in placing a core in a mold, partially curing rubber in the mold around the core to a stage where the rubber may be temporarily distorted, removing the object from the mold, removing the core by distorting the object, and completing the cure without the use of mold or core.

THE OFFICIAL GAZETTE

OF THE

United States Patent Office.

Vol. 362—No. 3.

TUESDAY, SEPTEMBER 20, 1927.

Price—\$10 per year.

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Labels	13—No. 32,701 to No. 32,752, inclusive.
Prints	6—No. 10,190 to No. 10,195, inclusive.
Reissues	6—No. 16,728 to No. 16,743, inclusive.
Designs	50—No. 73,464 to No. 73,513, inclusive.
Patents	626—No. 1,642,665 to No. 1,643,289, inclusive.
Total	1,031

Notice of Opposition.

U. S. PATENT OFFICE, Washington, Aug. 26, 1927.
Ford Oil Corporation, its assigns or legal representatives, take notice:

On June 10, 1927, upon the petition of the Ford Motor Company, of Highland Park, Mich., an opposition proceeding against the registration of a trade-mark to Jasper N. Thompson, of 5 North Wabash Avenue, Chicago, Ill., was instituted by this Office. The record shows that the Ford Oil Corporation, of Chicago, Ill., was substituted for Jasper N. Thompson, and a notice of such opposition sent to the Ford Oil Corporation at the said address having been returned by the post-office authorities as undeliverable notice is hereby given that unless said Ford Oil Corporation, its heirs, assigns, or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the opposition will be proceeded with as in case of default.

This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

M. J. MOORE,
Assistant Commissioner.

Notice of Cancellation.

U. S. PATENT OFFICE, Washington, Aug. 31, 1927.
Leo M. Baughman, his assigns or legal representatives, take notice:

A cancellation proceeding having been instituted by this Office upon the application of Lysol, Incorporated, Bloomfield, N. J., to effect the cancellation of the trade-mark registration of Leo M. Baughman, 147 South Western Avenue, Los Angeles, Calif., No. 105,949, dated August 31, 1915, and the notice of such proceeding sent by registered mail to the said Baughman at the said ad-

dress having been returned by the post office as undeliverable, notice is hereby given that unless said Baughman, his assigns or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the cancellation will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

M. J. MOORE,
Acting Commissioner.

Interference Notice.

U. S. PATENT OFFICE, Washington, Aug. 26, 1927.
Wellesley Malcolm Colborne Baber, his assigns or legal representatives, take notice:

An interference having been declared by this Office between the application for patent of William A. Larned, Summit, N. J., and joint patent granted January 25, 1927, No. 1,615,790, to Oswald Vernon Forbes and Wellesley Malcolm Colborne Baber, 13 Golden Square, London, England, and a notice of such declaration sent by registered mail to the joint patentees, Baber, at the said address having been returned by the post office as undeliverable notice is hereby given that unless said Baber, his assigns or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the interference will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

M. J. MOORE,
Assistant Commissioner.

Adverse Decisions in Interference.

In interferences involving the indicated claims of the following patents final decisions have been rendered that the respective patentees were not the first inventors with respect to the claims listed:

Pat. 1,541,773, F. W. Stewart, Means for locking automobiles against theft, decided August 11, 1927, claims 11, 12, 13, and 17.

Pat. 1,570,830, Hagey & McKee, Automatic water control, decided August 1, 1927, claim 1.

Pat. 1,578,543, G. A. Montgomery, Method of making deep-well auger stems, decided August 31, 1927, claims 1, 2, and 3.

Pat. 1,615,792, A. Campbell, Dump-car door and locking means therefor, decided August 13, 1927, claim 19.

Final decisions in interference have been rendered against the following trade-marks:

T. M. 202,632, Corsets and brassieres, Associated Merchandizing Corporation, of Newark, N. J., and New York, N. Y. Registered September 1, 1925. Decided August 26, 1927.

T. M. 218,146, Malt extracts, Geo. L. Vogel, doing business as American Malt Co., Woodhaven, N. Y. Registered September 21, 1926. Decided September 1, 1927.

Condition of Applications Under Examination at Close of Business September 9, 1927.

Room No.	(Total number of applications awaiting action, excluding Trade-Mark Division, 66,753; Trade-Mark Division, 1,771. Oldest new case, Jan. 17, 1927; oldest amended, Jan. 15, 1927. The dates given are 1927.)	DIVISIONS, EXAMINERS, AND SUBJECTS OF INVENTIONS.		Oldest new application and oldest action by applicant awaiting office action.		No. of applications awaiting action.
				New.	Amended.	
112	1. LOEFFLER, F. A., Closure Operators; Fences; Gates; Tillage; Scattering Unloaders.....	May 13	May 18		710	
126	2. HADEN, C. F., Bee Culture; Dairy; Preserving; Presses; Tobacco.....	Apr. 16	Apr. 20		951	
331	3. LINDSEY, A., Electric Heating; Electrochemistry; Heating; Metal Founding; Metallurgical Apparatus; Metallurgy; Metal Treatment; Plastic Metal Working.....	Mar. 30	Apr. 22		1,633	
234	4. MERRITT, A. D., Conveyers; Hoists; Handling Apparatus and Implements, and Pushing and Pulling.....	Jan. 21	Feb. 9		1,792	
108*	5. MACNAB, J. F., Harvesters; Jewelry; Music; Acoustics; Sound Recording; Knots.....	Mar. 25	Mar. 26		1,067	
318	6. LEWERS, A. M., Chemistry; Chemistry—Carbon Compounds; Substance Preparation.....	Jan. 21	Jan. 28		1,719	
106	7. JARBOE, C. O., Amusement and Exercising Devices; Toys; Optics; Photography.....	Mar. 3	Mar. 3		1,466	
133	8. HENRY, C. O., Beds; Chairs and Seats; Fur; Fire; Kitchen and Table Articles; Store Furniture.....	Mar. 18	Apr. 8		1,789	
221	9. ADAMS, R. E., Pumps; Fluid and Fluid-Current Motors.....	June 1	May 31		899	
118	10. HUNTER, C. F., Land Vehicles—Animal Draft Appliances, Bodies and Tops.....	Mar. 3	Mar. 11		1,410	
148*	11. ARMSTRONG, H. C., Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Hides, Skins, and Leather Manufactures; Nailing and Stapling; Whip Apparatus; Cutting and Punching Sheets and Bars.....	Apr. 26	Apr. 21		948	
280	12. PIERCE, P. P., Machine Elements.....	Mar. 2	Mar. 14		1,278	
154*	13. CLIFT, J. W., Bolt, Nut, Rivet, and Screw Making; Chain, Staple, and Horseshoe Making; Driven, Headed, and Screw-Threaded Fastenings; Gear Cutting, Milling, and Planing; Metal Drawing; Metal Forging and Welding; Metal Rolling; Metal Working; Needle and Pin Making; Turning; Boring and Drilling.....	Mar. 1	Mar. 21		1,516	
102*	14. BRUMBAUGH, N. J., Compound Tools; Farriery; Metal Bending; Metal Tools and Implements, Making; Sheet-Metal Ware, Making; Tools; Wire Fabrics and Structure; Wire Working; Metal Working, Assembling, and Blanks and Processes.....	Mar. 3	Mar. 25		1,434	
320	15. REDROW, W. L., Glass; Paper Making; Plastic Block and Earthenware Apparatus; Plastics.....	Mar. 17	Mar. 25		1,707	
242*	16. SPENCER, C. J., Batteries; Resistances and Rheostats; Telegraphy; Telephony.....	Apr. 15	May 20		836	
307	17. BAFTER, G. S., Label Pasting and Paper Hanging; Nut and Bolt Locks; Ornamentation; Paper Manufactures; Printing; Type Casting; Sheet-Material Associating or Folding; Sheet or Web Feeding or Delivering; Type Setting.....	Mar. 1	Mar. 18		817	
229	18. PORTER, M. E., Motors, Expandable-Chamber Type; Power Plants; Speed-Responsive Devices.....	Mar. 2	Mar. 7		1,022	
236	19. GLASCOCK, E. S., Furnaces; Heating Systems; Liquid and Gaseous Fuel Burners; Stoves and Furnaces.....	May 19	May 19		996	
179	20. GROVE, S. D., Miscellaneous Hardware; Closure Fasteners; Locks and Latches; Sales; Undertaking.....	May 17	May 20		1,018	
212	21. THURBER, W. L., Winding and Reeling; Textiles; Cloth Finishing.....	Apr. 7	Apr. 2		1,062	
241*	22. COLWELL, J. B., Aeronautics; Amusement Devices, Games; Firearms, Ordnance, and Explosive Devices; Air Guns, Catapults, and Targets; Boats and Buys; Ships; Marine Propulsion.....	Mar. 4	Apr. 2		1,065	
217	23. GROESBECK, W. D., Coin Handling; Recorders; Registers; Horology; Time-Controlling Mechanism.....	Mar. 2	Feb. 28		960	
147*	24. DURAS, C. O., Apparel; Apparel Apparatus; Garment Supporters; Sewing Machines.....	Feb. 9	Feb. 16		1,009	
314	25. LIGHTFOOT, J. H., Agitating; Bleaching and Dyeing; Butchering; Classifying Solids; Centrifugal Bowl Separators; Explosive, Pyrotechnic, and Match Compositions; Fertilizers; Mills; Sugar and Starch; Threshing; Vegetable and Meat Cutters and Comminutors.....	Mar. 21	Mar. 22		1,317	
228*	26. HODGES, J. S., Electricity, Generation; Motive Power; Prime-Mover Dynamo Plants.....	Mar. 4	Mar. 7		996	
214	27. ANDERSON, L. S., Brush, Broom, and Mop Making; Brushing, Scrubbing, and General Cleaning; Laundry; Washing Apparatus.....	May 4	May 10		922	
225	28. BENSON, A. R., Internal-Combustion Engines.....	Apr. 11	Apr. 11		1,151	
160*	29. MORRIS, B. N., Abrading; Button Making; Coopering, Wheelwright Machines; Wood Sawing; Wood Turning; Woodworking Tools.....	Feb. 19	Mar. 3		1,263	
248	30. SHIPMAN, J. L., Automatic Temperature and Humidity Regulation; Illuminating Burners; Illumination; Typewriting Machines; Thermostats and Humidostats.....	Feb. 18	Apr. 2		1,213	
312	31. HOLMES, W. N., Alcohol; Ammonia, Water, and Wood Distillation; Charcoal and Coke; Gas, Heating and Illuminating; Hydraulic Cement and Lime; Mineral Oils; Oils, Fats, and Glue.....	Feb. 25	Feb. 28		1,723	
349	32. BARTHOLOMEW, J. A., Gas and Liquid Contact Apparatus; Heat Exchange; Gas Separation.....	Apr. 11	Apr. 12		1,269	
152	33. WYMAN, W. L., Bridges; Hydraulic and Earth Engineering; Masonry and Concrete Structures; Metallic Building Structures; Roads and Pavements; Roofs; Wooden Buildings.....	May 16	May 16		1,546	
304	34. SIMPSON, G. R., Electricity-Transmission to Vehicles; Pneumatic Dispatch; Railways, Rolling Stock, Switches, and Signals; Store Services; Vehicle Fenders.....	Mar. 3	Feb. 18		1,016	
116*	35. REYNOLDS, E. O., Buckles, Buttons, Clips, Etc.; Card, Picture, and Sign Exhibiting; Signals and Indicators; Toilet.....	May 11	May 12		1,137	
106	36. MORTON, G. L., Automatic Weighers; Geometrical and Measuring Instruments; Force Measuring.....	May 9	May 10		1,159	
324*	37. WEAVER, M. E., Electricity, Circuit Makers and Breakers.....	Mar. 3	Mar. 8		1,592	
145	38. KRAFFT, C. F., Animal Husbandry; Earth Boring; Fishing, Trapping, and Vermin Destroying; Mining, Quarrying, and Ice Harvesting; Stoneworking; Wells.....	Apr. 11	Apr. 21		1,157	
220	39. COWLES, A. W., Fluid-Pressure Regulators; Multiple Valves; Valves; Water Distribution.....	Apr. 6	Mar. 10		922	
269	40. OBERLIN, J. J., Baggage; Bottles and Jars; Package and Article Carriers; Receptacles.....	Feb. 14	Mar. 24		2,360	
125	41. BROWN, J. I., Land Vehicles, Wheels, and Axles; Resilient Tires and Wheels; Wheel Substitutes.....	Mar. 30	Apr. 12		845	
223*	42. CUTTING, H. O., Electrical Conduits and Housings; Electric Signaling.....	Feb. 19	Feb. 12		1,534	
124*	43. HOPKINS, F. M., Baths, Closets, Sinks, and Spitoons; Sewerage; Electricity, Medical and Surgical; Medicines; Surgery; Dentistry; Artificial Body Members; Railway Draft Appliances.....	Apr. 12	May 2		1,134	
253	44. SHAFER, C. H., Dispensing; Dispensing Beverages; Filling and Closing Portable Receptacles; Refrigeration.....	Feb. 8	Mar. 2		1,317	
379	45. OILES, A. H., Pulleys and Shafting; Lubrication; Machine Elements; Bearings and Guides.....	Apr. 19	Apr. 19		969	
233	46. WOLCOTT, C. L., Concentrating Evaporators; Fluid Sprinkling, Spraying, and Diffusing; Fire Extinguishers; Liquid Heaters and Vaporizers.....	Mar. 10	Mar. 10		1,094	
264	47. BARKER, H., Brakes; Clutches and Power Stop Control; Elevators; Fluid-Pressure Brake and Analogous Systems; Motors; Spring Devices.....	Mar. 28	Apr. 1		1,665	
213*	48. ROEFKE, O. B., Electricity, General Applications.....	Mar. 5	Mar. 12		1,103	
289	49. EDINBURG, F. P., Check-Controlled Apparatus; Domestic Cooking Vessels; Fuel and Igniting Devices; Ventilation; Velocipedes; Driers; Liquid Separation or Purification.....	Mar. 5	Mar. 16		1,148	
322	50. BLAKE, C. L., Plastic and Liquid Coating Compositions; Coating; Laminated Fabrics.....	Apr. 6	Apr. 7		1,737	
240*	51. BACKUS, C. D., Radiant Energy, Wave Transmission.....	Feb. 21	Feb. 21		1,676	
144	52. MORGAN, E. T., Supports; Chocks; Fire Escapes; Ladders; Scaffolds; Railway Mail Delivery; Joint Packing; Pipe and Rod Joints or Couplings; Tool-Handle Fastenings.....	Apr. 21	Apr. 26		1,257	
309	53. PECK, M. K., Books; Manifolding; Printed Matter; Stationery; Educational Appliances; Paper Pins and Binders; Tents, Canopies, Umbrellas, and Canes; Curtains, Shades, and Screens.....	Apr. 26	May 3		1,211	
241*	54. LANE, C. H., Electric Lamps; Conductors; Vapor Electric Devices; Space Discharge Tubes.....	Jan. 17	Jan. 15		1,948	
102	55. RICHARD, V. I. (Acting)..... Bread, Pastry, and Confection Making; Cutlery.....	Feb. 23	Mar. 4		707	
		July 18	Aug. 8		526	
		Aug. 9	Aug. 27		1,513	
		Aug. 11	Aug. 19		258	
163	TRADE-MARKS, LABELS, AND PRINTS: F. A. RICHMOND..... (Trade-Marks) (Labels and Prints)					

* Refers to room numbers in the annex.

DECISIONS IN PATENT AND TRADE-MARK CASES.

Commissioner's Decision.

EX PARTE GILLOCK.

Decided May 6, 1928.

1. PATENTABILITY—CLAIMS—NOT RENDERED PATENTABLY DISTINCT BY FUNCTIONAL STATEMENT.

Where claim 3 recites the same elements as claim 2 and includes the additional functional statement "which permit both angular and swiveling movements of the members," Held that claim 3 is not patentable over claim 2, since not only would this function be presumed to be derived from the construction recited elsewhere in the claim, but such functional distinction is not one adding patentability over the references.

2. SAME—INVENTION—SLIGHT CHANGE OVER PRIOR ART.

Where the change over the prior art was small, but neither of the patentees H. and S. was aware of the advantages resulting from the change, and such advantages would not necessarily be present when the H. and S. structures are combined, Held that the change involved invention.

[Note.—This application has resulted in Patent No. 1,614,687, January 18, 1927.]

APPEAL from Examiners in Chief.

Messrs. Barnett & Truman for the applicant.

KINNAN, First Assistant Commissioner.

The applicant has appealed from the decision of the Examiners in Chief affirming that of the Primary Examiner denying patentability to claims 1, 2, 3, 4, 20, 23 to 29, inclusive, and 31. Claim 1 will serve for illustrative purposes and is as follows:

1. In a flexible pipe joint, the combination of a socket member, a ball member extending into the socket member, a gasket interposed between the inner end of the ball member and the socket member, said gasket having a curved end surface to bear against the ball, the gasket and socket being formed so that as such end surface wears the gasket will slide freely in the socket to compensate for said wear, and means for supporting said ball member within the socket member, out of contact therewith and against the lengthwise movement therein but with capacity for angular movements with respect thereto.

The references relied upon are: Schreiber, 1,222,682, April 17, 1917; Hawley, 900,533, October 6, 1908; Flory, 731,031, June 16, 1903.

The claims are directed to a flexible pipe joint, especially intended for use in steam train pipes of railroad trains. The joint is to be used primarily where the two train pipes of adjacent cars are coupled together or where a similar coupling is made between a train pipe and a corresponding pipe carried upon the locomotive.

The applicant has noted in his brief that these train pipes were heretofore connected by short sections of rubber hose carrying at their outer ends coupling devices of one type or another. These rubber hose have been found objectionable in practice, because the steam pressures, which may run as high as 100 pounds per square inch, together with the heat, result in a rapid deterioration and destruction of the rubber. As a consequence the hose ruptures unless replaced at short intervals. In an effort to overcome these objections efforts have been made to provide an all-metal flexible hose connection so that the rubber hose could be eliminated. It is alleged that these all-metal de-

vices of the prior art have not been entirely successful. An affidavit by Russell has been presented which tends to confirm the statements of the applicant that the prior devices did not successfully cure the troubles with respect to flexible pipe joints and that the joint of the present application has been tried and found fairly successful under conditions of use for some two years or more.

The applicant states that the assignee of the instant case is also the owner of the Schreiber patent, relied upon in part as anticipating the claims here on appeal, and the device of such patent has not been successful under the trying conditions of use upon modern trains. It is alleged that the joint either is not sufficiently flexible to accommodate itself to all the varying relative movements between trains where it is used or that the packing does not stand the high pressure, and leakage occurs, with the result that such packing is soon destroyed. Further, the constant relative movement between two cars produces a wear upon the gimbal pivots, which soon brings about leakage. In order to overcome these objections, appellant has urged the advantages of providing means whereby the ball will be maintained out of contact with the socket and the packing will have a suitable follow-up function, so as to take care of the wear on the pivot pins. This wear is considerable by reason of the location, below the floor of the car, of the joint, whereby the pivot pins are subjected to the presence of dust and fine cinders, which produce considerable rapid wear incident to the constant movement of the parts upon each other.

Under the above noted conditions appellant alleges the somewhat simple changes made by him in the device covered by the claims have been produced after considerable time and study and many previous failures, and that the fact of reasonable success having been obtained by reason of such changes should be persuasive that they involve invention. The tribunals below held some of the claims unpatentable over Hawley alone and others as involving no more than the adoption, in the Hawley construction, of the gimbal yokes and pivots of Schreiber.

Taking up the claims in detail, it is not thought all of them bring out the entire combination necessary to produce the beneficial results claimed by the applicant. The number of claims, in view of the limited novelty presented, seems unwarranted, as they differ from each other by reciting elements old in the references. If claim 1 is amended by adding after the word "wear" in line 8, some such clause as *means for moving said gasket to take up such wear* the claim will be allowable. If claim 2 is amended by adding the above clause at the end of the claim, it may also be allowed.

Claim 3 is not patentable over claim 2, as claim 3 recites the same elements, but merely includes the functional statement "which permit both angular

and swiveling movements of said members." Not only would this function be presumed to be derived from the construction recited elsewhere in the claim, but such functional distinction is not one adding patentability over the references. Claim 4 is not regarded as patentable over Hawley, since if the ball is to contact with the socket there is no advantage over Hawley's device. This claim lacks any means for causing the gasket to slide to take up wear. These same criticisms apply to claims 26 and 28. The material of the gasket, rubber composition, is not enough. It is believed inevitable that the pressure of the steam would cause the Hawley gasket to bear against the socket member. Even downward pressure, aside from the cut-away portion shown in Figure 5, would wedge the gasket against the socket member, so that these three claims, 4, 26, and 28, do not specify anything not found in Hawley. Claim 20, like claims 1 and 2, lacks the means for moving the gasket to take up the wear and should be amended by adding, after the word "wear" in line 12, some such clause as suggested with respect to claims 1 and 2. If so amended, this claim 20 will be allowed. Claim 23 is not patentably distinguished from claim 1. The functional statement that the construction is capable of "swivel movements" is, as noted with respect to claim 3, insufficient to distinguish the claim over what is included in claim 1. Claims 24 and 25 may be allowed. Claim 27 is not patentably distinguished from claim 24, since the features which it recites over claim 24 are old in the art. Claim 29 may be allowed, and claim 31 will be deemed allowable if amended by adding, at the end of the claim, some clause as suggested with respect to claim 1. These claims indicated as allowable bring out the feature, not disclosed in Hawley, of having the ball always out of contact with the socket, so that the blinding effect incident to the pressure of the steam is eliminated. With the construction of Schreiber combined with that of Hawley this arrangement whereby the freedom of movement which appellant contends is a vital factor in his joint would not necessarily be present. Neither of these patentees appears to be aware of the advantages resulting from this small change.

The fact that the assignee of Schreiber and the instant application has noted the lack of success of the Schreiber construction is persuasive that the argument in the brief possesses merit. While Hawley states his joint is intended for low-pressure transmission fluid, yet he does state it may be used in high-pressure systems. The arrangement, however, possesses the feature of having the ball in engagement with the socket at all times, which is the feature the applicant states he seeks to avoid. Under these conditions it is believed the claims, to the extent above noted, set forth patentable novelty.

Claims 1, 2, 20, and 31 may be allowed if amended as indicated; claims 24, 25, and 29 may be allowed, these allowances being in the absence of any better references; while claims 3, 4, 23, 26, 27, and 28 are not deemed patentable.

The decision of the Examiners in Chief denying patentability to claims 1, 2, 3, 4, 20, 23, 26, 27, 28, and 31 as such claims were presented to them is affirmed, and reversed as to claims 24, 25, and 29.

RECONSIDERATION.

Decided June 10, 1925.

The applicant has requested a reconsideration of that part of my decision of May 6, 1926, requiring the amendment of claims 1, 2, 20, and 31 by insertion of some such words as "means for moving said gasket to take up such wear."

In support of the request reference is made to the specification wherein it is stated the "fluid pressure, especially when the joint is used on a steam or air line, will ordinarily be sufficient to keep the gaskets in sealing contact with the ball members." It is therefore urged that the amendment unnecessarily limits these claims, as such means for moving the gasket are old in the art and are unnecessary to complete the combination covered by such claims.

The request for reconsideration is granted and the requirement, in my decision of May 6, 1926, that these claims be amended before allowance is vacated, and these claims may be allowed as presented on the appeal.

Court of Appeals of the District of Columbia.

MCCHESNEY v. GERRARD & WRIGHT.

No. 1,902. Decided March 7, 1927.

INTERFERENCE—PRIORITY—RIGHT TO MAKE CLAIMS.

Where the claims included "In a wire-tying tool, two separate jaws adapted for the reception of two parallel-disposed wires and to prevent their twisting, means for engaging and twisting said wires intermediate of said jaws," and McC's device was adapted to have a wire passed in turn through a tension gripper, a clamping jaw, and a twister, next in a loop around the box to be tied, and then back through the twister and a second clamping jaw, Held that McC. can make the claims.

APPEAL from the Commissioner of Patents. Reversed.

Mr. Wm. O. Bell for McChesney.

Mr. Samuel E. Darby for Gerrard & Wright.

Before MARTIN, Chief Justice, and ROBB and VAN ORSDER, Associate Justices.

MARTIN, C. J.:

This is an appeal in an interference proceeding. The invention in question is a wire-tying appliance, for using wire as a means of tying boxes, lumber, shingles, lath, pipes, and other objects or packages.

McChesney is the senior party. On November 23, 1920, a patent was granted to him for his invention, and within two years thereafter he applied for a reissue of the patent. Whereupon an interference was declared between his reissue application, and a pending application of Gerrard and Wright for a similar invention. A third party, Wood, was made a party to the interference, and afterwards the party, Neth, was added, but neither of them figures at present in the case.

The subject matter of the interference was set forth in the following two counts:

1. In a wire tying tool, two separated jaws adapted for the reception of two parallel-disposed wires and to prevent their twisting, means for engaging and twisting said wires intermediate of said jaws, and a movable member cooperating with one of said wire holding jaws to form a wire cutter.
2. In a wire tying tool, two separated jaws adapted for the reception of two parallel-disposed wires and to prevent their twisting, means for engaging and twisting said wires intermediate of said jaws, and a movable member cooperating with one of said wire holding jaws to form a wire cutter, the cutting edges of said wire cutter being limited to cut only one of said wires.

The Examiner when declaring the interference stated that count 1 was related to Gerrard & Wright claim 28, and McChesney claim 50; and that count 2 was related to Gerrard & Wright claim 29 and McChesney claim 51.

On or before April 26, 1923, the preliminary statements of the respective parties were filed, and it appeared that the date for conception of the invention as alleged by Gerrard & Wright was almost two years later than the filing date of McChesney's original application. The Examiner accordingly vacated the order setting the times for taking testimony, and required Gerrard & Wright to show cause why judgment on the record should not be entered against them in view of their failure to overcome the original filing date of McChesney.

Thereupon Gerrard & Wright filed a motion to dissolve the interference under rule 122, upon the ground that McChesney had no right to make the claims in the language of the issue. This motion was considered by the Law Examiner, and was denied. The Examiner held that while the two inventions are specifically different both as to structure and mode of operation, yet the language of the counts is sufficiently general to include the McChesney invention. The Examiner of Interferences therefore awarded priority of invention to McChesney, holding that Gerrard & Wright had failed to show cause why judgment should not be entered against them, in view of the fact that the date alleged in their preliminary statement for conception of the invention in issue is subsequent to the filing date of McChesney the senior party. It may be added that no testimony was taken by either party.

Gerrard & Wright then appealed to the Board of Examiners in Chief who reviewed the ruling of the Law Examiner under rule 130, and sustained the motion to dissolve the interference, and awarded priority of invention to Gerrard & Wright the junior parties. This decision was appealed to the Commissioner of Patents and was affirmed, whereupon the present appeal was taken.

We have examined the record and are satisfied that the language of the counts is sufficiently general to include McChesney's invention, and that priority of invention should be awarded to him.

McChesney's device is designed to receive the free end of a coil of tying wire, passing it endwise through a tension gripper, then through a clamping jaw, next through a narrow slot in a twister pinion, then extending the wire in a loop around the box or bale to be tied, and again through the slot in

the twister pinion above the wire already in the slot, next through a second clamping jaw, which accordingly holds the free end of the wire. The tension gripper draws the wire tight around the package; the clamping jaws (on opposite sides of the twisting pinion) hold the wires when taut in a substantially parallel relation for the twisting operation; the twister pinion then turns and twists the parallel wires; and the wire is then severed by the action of a cutter working on the clamp nearest to the coil, thus completing the operation.

It is urged by Gerrard & Wright that this construction does not come within the provision of the counts for "two separated jaws adapted for the reception of two parallel-disposed wires and to prevent their twisting," since each jaw holds but one wire, not two. The provision, however, does not require that each jaw shall hold two wires, but only that two wires shall be held in two jaws. This is done by McChesney's device, and the wires are substantially and functionally parallel-disposed, and are engaged and twisted while in parallel relation by means of the twister pinion intermediate the two jaws. The wire is then cut by a knife cooperating with one of the jaws. This responds to the terms of the counts.

In an interference proceeding we must give to claims the broadest interpretation which they will reasonably support, and we are not at liberty to import limitations therein to meet the exigencies of a particular situation. *Lynch v. Headley*, 307 U. S. 247; 52 App. D. C. 269.

We do not need to describe or discuss the device of Gerrard & Wright since plainly the only question before us is whether McChesney's machine comes within the terms of the counts. And since we find that it does, we reverse the decision of the Commissioner of Patents, and award priority to McChesney the senior party.

Patent Suits.

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922.]

818,968. E. E. Johnson, Railway water column, appeal filed July 15, 1927, D. C. A., 7th Cir., Doc. 3941, *American Valve & Meter Co. et al. v. Fairbanks Morse & Co.*

959,506. P. Gerstenkorn, Machine for grinding cocks, filed Mar. 4, 1927, D. C., E. D. Pa. (Philadelphia), Doc. 3981, *A. G. Goethel et al. v. T. Turner (Turner Foundry & Machine Co.)*.

983,971. R. C. Baker, Pneumatic cleaning implement, appeal filed in C. C. A., 6th Cir., Doc. 4783, *The P. A. Geier Co. v. Eureka Vacuum Cleaner Co. et al.* Claims 1, 2, and 3 held not infringed July 15, 1927.

1,018,502. Just & Hanaman, Manufacture of incandescent electric lamps; 1,180,159. I. Langmuir, Incandescent electric lamp, filed June 30, 1927, D. C. N. J. (Trenton), Doc. E 2756, *General Electric Co. v. Atlas Specialty Co. et al.* Same, filed July 29, 1927, D. C. N. J., Doc. E 2805, *General Electric Co. v. Lens Lamp Co. et al.*

1,019,406. L. H. Baekeland, Composite cardboard, filed May 16, 1927, D. C., E. D. Pa., Doc. 4061, *Bakelite Corp. v. Diamond State Fibre Co., Inc., et al.*

1,027,570. J. R. Sheldon, Comforter-filling machine; 1,370,411. Contrado, Swanson & Schwartz, Mattress-filling machine, filed May 7, 1927, D. C., E. D. Pa. (Philadelphia), Doc. 4049, *Triangle Kapok Machine Corp. v. Franklin Cushion & Drapery Co.*

1,044,468, H. C. Kirk, jr., Thrust bearing, filed Apr. 18, 1927, D. C., N. D. Ohio (E. Div.), Doc. 2206, *Apco Mfg. Co. v. The Simmons Mfg. Co.* Held valid and infringed, injunction granted July 26, 1927.

1,098,705, A. G. Bergstrom, Spark plug, appeal filed July 7, 1927, C. C. A., 7th Cir., Doc. 3938, *Fryac Mfg. Co. v. E. Bergstrom et al.*

1,104,126, G. R. Meyercood, Transfer picture, filed in D. C., S. D. Ohio (W. Div.), Doc. E 419, *The Meyercood Co. v. The Palm Bros. Decalcomania Co.* Held not infringed as to any of its claims; claims 1 and 2 held void, claim 3 valid, dismissed for want of equity (notice dated July 30, 1927).

1,159,517, J. F. MacIndoe, Grease cup, filed May 9, 1927, D. C., E. D. Pa. (Philadelphia), Doc. 4051, *J. F. MacIndoe v. J. R. Battle (Industrial Oil Equipment Co.)*.

1,171,424, W. B. Gervais, Door, filed July 13, 1927, D. C., E. D. Pa. (Philadelphia), Doc. 4107, *Variety Fire Door Co. et al. v. West Philadelphia Iron Works et al.*

1,180,159. (See 1,018,502.)

1,212,840, F. J. Straub, Building block and making same, filed July 28, 1927, D. C. Md. (Baltimore), Doc. E 1301, *Crozier-Straub, Inc., et al. v. Superior Block Co., Inc.*

1,307,733, A. V. Gullborg, Lubricating apparatus; 1,307,734, same, Lubricating means, filed July 29, 1927, D. C. Ind. (Evansville), Doc. E 48, *The Bassick Mfg. Co. v. Orr Iron Co.* Same, filed Aug. 1, 1927, D. C., S. D. N. Y., Doc. E 42/298, *The Bassick Mfg. Co. v. S. Goldberg.* Doc. E 42/299, *The Bassick Mfg. Co. v. E. G. Mfg. Co., Inc.*

1,307,734 (a), A. V. Gullborg, Lubricating means, filed July 6, 1927, D. C., N. D. Ill. (E. Div.), Doc. 7250, *The Bassick Mfg. Co. v. Sharp Machine Products Co., Inc.* Doc. 7251, *The Bassick Mfg. Co. v. Drolet & O'Brien Co.*

1,307,734 (b), A. V. Gullborg, Lubricating means; 1,475,980, O. Zerk, Lubricating apparatus, filed July 5, 1927, D. C. N. J. (Trenton), Doc. E 2759, *The Bassick Mfg. Co. v. The F. Miller Co.*

1,307,734 (c) (See 1,307,733.)

1,359,789, S. Brown, Reflector headlights; 1,622,938, S. F. Arbuckle, Lighting apparatus, filed Aug. 2, 1927, D. C., N. D. Ohio (E. Div.), Doc. E 787, *Monogram Lens Corp. v. Marmon Toledo Co.*

1,370,411. (See 1,027,570.)

1,385,102, Winters & Crampton, Latch, filed Mar. 15, 1927, D. C., E. D. Pa. (Philadelphia), Doc. 3999, *A. F. Winters et al. v. Dent Hardware Co.*

1,403,066, F. T. Battin, Warning valve, appeal filed June 30, 1927, C. C. A., 7th Cir., Doc. 3936, *United Air Cleaner Co. v. E. R. Evans et al.*

1,423,956, Mitchell & White, Tipless incandescent lamp and similar article; 1,423,957, same, Stem-making machine, filed Mar. 13, 1923, D. C. N. J., Doc. E 1148, *General Electric Co. v. C. Eisler.* Decree on mandate July 27, 1927.

1,423,957. (See 1,423,956.)

1,435,788, I. H. Athey, Traction mechanism; 1,623,457, same, Vehicle, filed July 22, 1927, D. C., E. D. Pa. (Philadelphia), Doc. 4119, *Athey Truss Wheel Co. v. Moore & Moore, Inc.*

1,452,197, 1,537,076, R. B. Gilchrist, Drink mixer, appeal filed July 29, 1927, 7th Cir., Doc. 3944, *The Gilchrist Co. et al. v. Kar-Luo Co. et al.*

1,464,683, N. C. Ovalt, Counter attachment for accounting machine, filed Dec. 14, 1926, D. C. N. J., Doc. E 2232, *N. C. Ovalt v. Anderson Office Equipment Co. et al.* Interlocutory decree July 27, 1927.

1,475,980. (See 1,307,734 (b).)

1,486,746, J. Helsel, Power press, filed July 5, 1927, C. C. A., 7th Cir., Doc. 3937, *The Cincinnati Galvanizing Co. v. Marquette Tool & Mfg. Co.*

1,490,569. (See 1,513,727.)

1,509,211, J. B. Kausal, Electric lamp; 1,575,690, same, Aisle chair; 1,613,793, G. H. Hamilton, Lighting means, filed July 30, 1927, D. C. N. J., Doc. E 2707, *J. B. Kausal v. The American Seating Co.*

1,513,727, 1,490,569, A. E. Krick, Drying-control apparatus, filed July 29, 1927, D. C. N. J. (Trenton), Doc. E 2806, *The Humidity Control Co. v. Mengel Body Co.*

1,526,982, E. W. Hill, Stencil sheet, filed July 16, 1927, D. C. N. J. (Trenton), Doc. E 2778, *A. B. Dick Co. v. The H. E. Smith Co. et al.* Doc. E 2779, *A. B. Dick Co. v. Rowe-Williams, Inc., et al.*

1,532,256. (See 1,549,999.)

1,537,076. (See 1,452,197.)

1,549,999, 1,532,256, W. Moller, Pan-greasing machine, filed June 16, 1927, D. C., E. D. Pa. (Philadelphia), Doc. 4081, *Easy Pan Greasing Machine Co., Inc., v. B. Schwartz et al.*

1,557,376, F. E. Stevens, Hanger structure for meters, filed June 10, 1927, D. C., E. D. Pa., Doc. 4079, *The Latimer Stevens Co. v. The Kitson Co.*

1,574,127, J. Siegel, Wearing apparel, filed Feb. 28, 1927, D. C., E. D. Pa. (Philadelphia), Doc. 3973, *J. Siegel v. Pincus Bros., Inc.*

1,575,653, P. J. Sonner, Gas burner, filed Nov. 9, 1926, D. C. Kans. (2d Div.), Doc. E 439, *The P. J. Sonner Gas Burner Co. v. L. Deck et al.* Held valid and infringed (notice dated July 28, 1927).

1,575,690. (See 1,509,211.)

1,577,606, E. T. Bennington, Crane, filed May 13, 1927, D. C., E. D. Pa., Doc. 4057, *The Cleveland Crane & Engineering Co. v. Reading Chain & Block Corp.*

1,590,986, W. G. Wylie, jr., Axminster rug, filed July 29, 1927, D. C., S. D. N. Y., Doc. E 42/281, *W. G. Wylie, jr. v. A. Smith & Sons Carpet Co.*

1,604,527, T. J. McCormick, Tire cover, filed July 29, 1927, D. C., E. D. Mich. (S. Div.), Doc. 2133, *T. J. McCormick v. Jansen Mfg. Co.*

1,613,793. (See 1,509,211.)

1,615,499, C. J. Angell, One-way disk plow, filed Feb. 14, 1927, D. C. Kans. (2d Div.), Doc. E 454-N, *O. J. Angell et al. v. C. Knieper.* Dismissed, July 28, 1927.

1,618,763, H. M. Lipper, Textile fabric and method of making same, filed July 7, 1927, D. C., E. D. Pa. (Philadelphia), Doc. 4099, *Lipper Mfg. Co., Inc., v. H. Coladay Co.*

1,622,938. (See 1,359,789.)

1,623,457. (See 1,435,788.)

Des. 50,131, J. A. Hoeveler, Reflector, appeal filed July 30, 1927, C. C. A., 7th Cir., Doc. 3946, *Curtis Lighting Co. Inc., v. Pittsburgh Reflector Co.*

Disclaimer.

1,442,776.—Howard D. Colman, Rockford, Ill. MACHINES FOR OPERATING UPON WARPS. Patent dated January 16, 1923. Disclaimer filed September 2, 1927, by the assignee, Barber-Colman Company.

Hereby enters its disclaimer to the aforesaid claim numbered 218 which is in the following words, to wit:

"A machine for operating upon warp threads having, in combination, a bed, warp supporting means, a carriage arranged to travel longitudinally of said bed and transversely of the warp threads, operating mechanism on the carriage, and thread-controlled means for suspending the travel of the carriage."

TRADE-MARKS

OFFICIAL GAZETTE, SEPTEMBER 20, 1927.

[VOL. 362. No. 3.]

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication.

Marks applied for "under the ten-year proviso" are registrable under the provision in clause (b) of section 5 of said act as amended February 18, 1911.

As provided by section 14 of said act, a fee of ten dollars must accompany each notice of opposition.

CLASS 1.

RAW OR PARTLY-PREPARED MATERIALS.

Ser. No. 235,669. BARBER ADAMSON COMPANY, Boston, Mass. Filed Aug. 7, 1926.

BACO

Particular description of goods.—Abrasive Grains. Claims use since Feb. 5, 1926.

Ser. No. 241,363. WHITE BROTHERS, Scotts, Mich. Filed Dec. 11, 1926.



Applicants disclaim the words "Fuel" and "Coal" apart from the mark shown.

Particular description of goods.—Coal and Coke. Claims use since September, 1923.

Ser. No. 244,344. THE BARTELDES SEED CO., Lawrence, Kans. Filed Feb. 14, 1927.

OUR SUNFLOWER

Particular description of goods.—Garden Seed Including Sunflower Seed, Flower Seed, Field Seed, Seed Corn. Claims use since about January, 1902.

Ser. No. 247,958. MCADOO & ALLEN WELTING CO., Quakertown, Pa. Filed Apr. 25, 1927.



Particular description of goods.—Welting Leather. Claims use since about 1895.

Ser. No. 250,927. THE MASTELLER COAL COMPANY, Keyser, W. Va. Filed June 22, 1927.

Apex

Particular description of goods.—Coal. Claims use since Mar. 18, 1911.

Ser. No. 251,178. DIETZ & TRIVETT CO., INC., New York, N. Y. Filed June 27, 1927.

"Best by Test"



No claim is made to the words "Best by Test" apart from the mark as shown.

Particular description of goods.—Seeds, Bulbs, and Plants.

Claims use since Aug. 1, 1926.

Ser. No. 251,488. THE CONSOLIDATION COAL COMPANY, New York, N. Y. Filed July 5, 1927.



Exclusive use of the words "Clean" and "Coal" is disclaimed except in connection with the mark as shown.
Particular description of goods.—Coal.
Claims use since July 1, 1927.

Ser. No. 251,879. WESTERN COAL & COKE CO., Milwaukee, Wis. Filed July 11, 1927.

G L O M O R E

Particular description of goods.—Coal.
Claims use since May 1, 1923.

Ser. No. 251,928. THE PACIFIC R & H CHEMICAL CORPORATION, El Monte, Calif. Filed July 12, 1927.

RIOFFONDO

Particular description of goods.—Reclaimed Rubber.
Claims use since June 20, 1927.

Ser. No. 252,293. UNION TALC COMPANY OF GOUVERNEUR, New York, N. Y. Filed July 19, 1927.

SNOWFLAKE

Particular description of goods.—Pulp Made of Ground, Pulverized, Powdered, and Prepared Talc for Use as a Filler for and in the Preparation and Making of Paper, Paint, Varnish, Soap, Rubber, Wall Tints, Calcimine, and Wood Filler.

Claims use since 1907.

Ser. No. 252,294. UNION TALC COMPANY OF GOUVERNEUR, New York, N. Y. Filed July 19, 1927.

SNOWDRIFT

Particular description of goods.—Pulp Made of Ground, Pulverized, Powdered, and Prepared Talc for Use as a Filler for and in the Preparation and Making of Paper, Paint, Varnish, Soap, Rubber, Wall Tints, Calcimine, and Wood Filler.

Claims use since June 29, 1927.

CLASS 2.

RECEPTACLES.

Ser. No. 251,981. THE PARKERSBURG RIG AND REEL COMPANY, Parkersburg, W. Va. Filed July 13, 1927.



The drawing is lined for the colors green, gold, and red. The words appearing on the drawing, except the name of the applicant corporation, are disclaimed.

Particular description of goods.—Storage Tanks.
Claims use since on or about Aug. 5, 1920.

Ser. No. 252,082. BRICK & BALLERSTEIN, New York, N. Y. Filed July 15, 1927.

CARI-ME

Particular description of goods.—Paper Millinery Boxes.
Claims use since May 18, 1927.

CLASS 3.

BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKET-BOOKS.

Ser. No. 251,338. HARTMANN TRUNK COMPANY, Racine, Wis. Filed June 30, 1927.

Aerobe

Particular description of goods.—Wardrobe Suitcases.
Claims use since June 22, 1927.

Ser. No. 252,318. DEITSCH BROTHERS, New York, N. Y. Filed July 20, 1927.



Particular description of goods.—Traveling Cases and Bags, Hand Bags, Portfolios, Pocketbooks, and Brief Cases.

Claims use since June 28, 1927.

Ser. No. 253,222. SAMUEL BARUCHSON, doing business as S. Baruchson Co., New York, N. Y. Filed Aug. 9, 1927.

Maison Odette

Particular description of goods.—Hand Bags, Purses, and Pocketbooks.

Claims use since June 22, 1927.

Ser. No. 253,223. SAMUEL BARUCHSON, doing business as S. Baruchson Co., New York, N. Y. Filed Aug. 9, 1927.

Odette

Particular description of goods.—Hand Bags, Purses, and Pocketbooks.

Claims use since July 22, 1927.

CLASS 4.

ABRASIVE, DETERGENT, AND POLISHING MATERIALS.

Ser. No. 225,488. ODDIE A. PETERSEN, doing business as Petersen Products Co., Brooklyn, N. Y. Filed Jan. 4, 1926.



Particular description of goods.—Polishes Acting as Dirt and Grease Removers and Cleaning Materials.
Claims use since Dec. 18, 1925.

Ser. No. 230,017. THE CLEVELAND CLEANER AND PASTE CO., Cleveland, Ohio. Filed Apr. 12, 1926.



Particular description of goods.—Wall Paper Cleaner.
Claims use since Feb. 1, 1926.

Ser. No. 233,448. THE MARSHALL DRUG COMPANY, Cleveland, Ohio. Filed June 18, 1926.

KLENZOLA

Particular description of goods.—Nonflammable Dry-Cleansing Liquid for Cleaning Fabrics.
Claims use since Aug. 1, 1925.

Ser. No. 235,670. BAEDER ADAMSON COMPANY, Boston, Mass. Filed Aug. 7, 1926.

BAGO

Particular description of goods.—Abrasive Papers and Abrasive Cloths.
Claims use since June 28, 1923.

Ser. No. 242,104. PAUL PETER MÜLHENS, doing business as Die Eau de Cologne- & Parfümerie-Fabrik "Glockengasse No. 4711" gegenüber der Pferdepost von Ferd. Mühlens, Cologne-on-the-Rhine, Germany. Filed Dec. 29, 1926.



All wording appearing on the drawing, except the name of the applicant, is disclaimed apart from the mark shown. The drawing is lined for the colors blue and gold.

Particular description of goods.—Soaps including Toilet Soaps, and Shaving Sticks.

Claims use since March, 1926.

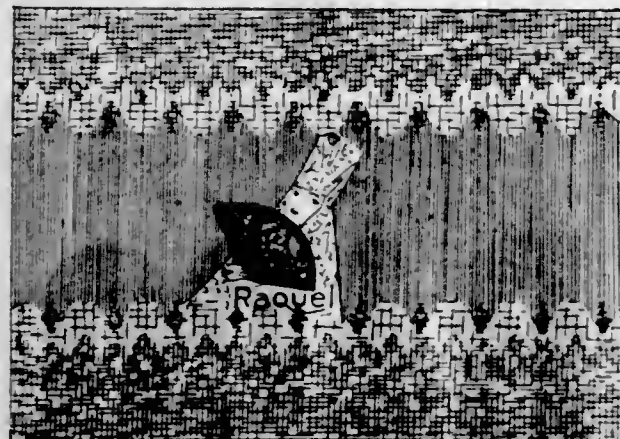
Ser. No. 248,036. FINNELL SYSTEM, INC., Hannibal, Mo. Filed Apr. 27, 1927.

Asesco

Particular description of goods.—Solvent Cleansers for Washing Dishes, Clothes, Finest Linens, and Fabrics, Rubber Floors, and Other Products.

Claims use since Jan. 2, 1925.

Ser. No. 248,615. BARCLAY & Co., New York, N. Y. Filed May 7, 1927.



The colors red, black, green, and shades of yellow being claimed as features of the mark.

Particular description of goods.—Soap.

Claims use since Apr. 27, 1927.

Ser. No. 248,883. DELETTREZ OF FRANCE, INC., New York, N. Y. Filed May 12, 1927.

Delettrez

Particular description of goods.—Laundry Soaps, Toilet Soaps, Shaving Cream Soaps, Shaving Soaps, Shredded Soaps, Soap Jelly, Soap Powders, Soap Flakes, Metal Polishes, Silver Polishes, Shoe Polishes, and Stove Polishes.

Claims use since May 3, 1927.

Ser. No. 250,930. IRVING MCEWEN, Omaha, Nebr. Filed June 22, 1927.

PRESHUS

Particular description of goods.—Liquid Soap, Toilet Soap, Skin Soap, Bath Soap, and Baby Soap.

Claims use since June 1, 1927.

Ser. No. 251,886. SAMUEL BRISK, doing business as Feiner Chemical Mfg. Company, Springfield, Mass. Filed July 12, 1927.

BRISK

The term "Cleaning Fluid" is understood to mean a light thin fluid composed of a volatile quick-drying substance having ingredients for removing stains and spots from clothing. The drawing is lined to represent red color.

Particular description of goods.—Cleaning Fluid.

Claims use since June 15, 1927.

Ser. No. 252,412. THE BAKER-FINLEY CHEMICAL COMPANY, Cleveland, Ohio. Filed July 22, 1927.

BAKERIZE

Particular description of goods.—Shoe-Shining Compound.

Claims use since Feb. 27, 1926.

Ser. No. 252,964. RICHARD HUDNUT, New York, N. Y. Filed Aug. 3, 1927.

**LE DEBUT
NOIR**

No registration rights are claimed for the word "Noir" apart from the mark shown in the drawing.

Particular description of goods.—Soap.

Claims use since July 25, 1927.

CLASS 5.

ADHESIVES.

Ser. No. 234,235. STOP-A-LEAK MANUFACTURING COMPANY, Los Angeles, Calif. Filed July 6, 1926.



No claim is made for the phrase "Stop-a-Leak."

Particular description of goods.—Puncture Cures for Pneumatic Tires.

Claims use since May 14, 1926.

Ser. No. 251,297. BOWES "SEAL-FAST" CORPORATION, Indianapolis, Ind. Filed June 29, 1927.



The words "Seal Fast" and "Repair Kit" are hereby disclaimed apart from the mark shown.

Particular description of goods.—Puncture and Blow-Out Sealing Compounds.

Claims use since about Apr. 2, 1918.

CLASS 6.

CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.

Ser. No. 224,554. DR. EICKEN & Co. G. M. B. H., Cologne, Germany. Filed Dec. 11, 1925.



The words "F. Maria Farina" appearing upon the drawing, are the facsimile signature of F. Maria Farina, deceased. Applicant disclaims the use of the wording appearing upon the drawing, with the exception of the words "F. Maria Farina," "Dr. Eicken," and "F. M. F." apart from the mark as shown. The words "Alleinige Destillierer nach dem alten Originalrezept: Dr. Eicken u. Co. in Cöln a. Rheln" translated mean "The only distillers after the old original receipt: Dr. Eicken & Co. in Cologne-on-the-Rhine," the words "Nur echt mit dem Gesetzlich geschützten alten Originalsiegel u. Namenszug" translated mean "The same is genuine only when bearing the old original seal and signature, and the words "Echtes Eau de Cologne double des sel," translated mean "genuine water of cologne double of deceased."

Particular description of goods.—Eau de Cologne.

Claims use since 1820.

Ser. No. 237,607. LEIGH CHEMIST, INC., New York, N. Y. Filed Sept. 23, 1926.



Particular description of goods.—Lotions for the Skin.

Claims use since Aug. 2, 1926.

Ser. No. 242,912. SAN-I-SAL LABORATORIES, INC., Washington, D. C. Filed Jan. 15, 1927.



The word "Antiseptine" is disclaimed apart from the mark as shown.

Particular description of goods.—Astringent, Deodorant, Antiseptic, Nasal Gargle, and Spray.

Claims use since February, 1924.

Ser. No. 244,453. ELIAS LIEBMANN, doing business as Dr. E. Liebmann's Medical Laboratory, New York, N. Y. Filed Feb. 16, 1927.

"RHEUMATISOL"

Particular description of goods.—Medicinal Preparation Used Internally for Relief of Rheumatism, Sciatica, and Lumbago.

Claims use since Jan. 1, 1923.

Ser. No. 246,478. DR. RICHARD HOFFBAUER, Berlin, Germany. Filed Mar. 28, 1927.

„Radiosclerin“

Particular description of goods.—Pharmaceutical Preparations for Use in the Treatment of Arteriosclerosis, Gout, Rheumatism, Diathesis, Neuralgia, Neurasthenia, Ischias, Gravel, Diseases of the Veins of the Circulation of the Blood and of the Urine, Diseases of Weakness of Senile Degeneration, and Diseases of Nerves.

Claims use since February, 1924.

Ser. No. 247,814. LEO S. OSMAN, Washington, D. C. Filed Apr. 21, 1927.



Particular description of goods.—Hairdressing.
Claims use since Apr. 11, 1927.

Ser. No. 247,891. BENJAMIN M. DANIELS, doing business as Imperial Products Company, St. Paul, Minn. Filed Apr. 23, 1927.

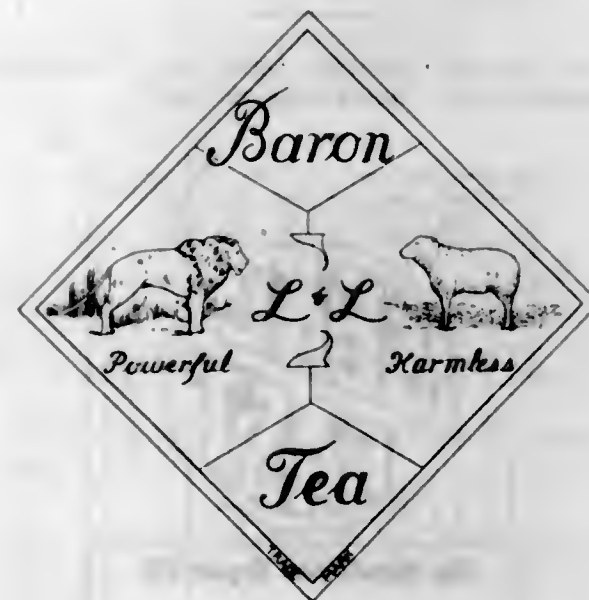


The words appearing in small type on the labels are disclaimed.

Particular description of goods.—Preparation for the Treatment of Dandruff and Hair Tonic.

Claims use since Jan. 15, 1927.

Ser. No. 248,616. AUGUST W. BARON, Los Gatos, Calif. Filed May 7, 1927.



No claim is made to the words "Powerful," "Harmless," "Trade-Mark," and "Tea."

Particular description of goods.—Medicinal Tea for the Treatment of Coughs, Sore Throat, Asthma, Hemorrhages, and Inflammation.

Claims use since Jan. 2, 1910.

Ser. No. 249,198. ERNST SILTEN, Berlin, Germany. Filed May 18, 1927.

Toxotropin

Particular description of goods.—Vaccine and Serum for the Treatment of Septic and Infectious Illnesses. Antipyretic Medicaments, Medicinal Preparations for the Prevention of Malaria, Antiseptics and Disinfectants for Medicinal Use in the Treatment of Diseases in Human Beings.

Claims use since Oct. 3, 1923.

Ser. No. 249,236. PARFUMERIE ST. DENIS, New York, N. Y. Filed May 19, 1927.

"JEUNESSE VIVANTE"

Particular description of goods.—Face Powders, Face Creams, Face Packs, Toilet Waters, Rouges, Lip Sticks, Eyebrow Pencils, Perfumes, Solid Perfumes, Hair Tonics, Hair Oils, Dentifrices, Shampoos, Dry Shampoos, Hair Whitener, Hair Dye, Tooth Powders, Bath Salts, Smelling Salts, Incense, Talcum Powders, Sachets, Bay Rum, Peroxide, Nail Powders, Nail Creams, and Foot Powders.

Claims use since August, 1926.

Ser. No. 249,806. OTTO KARL QUAST, doing business as The Nix-Lix Mfg. Co., Spokane, Wash. Filed May 31, 1927.

Hair-Pep

No claim is made to the word "Hair" apart from the mark shown.

Particular description of goods.—Hair Tonic.

Claims use since Feb. 24, 1927.

Ser. No. 249,876. W. & F. WALKER LIMITED, Liverpool, England. Filed June 1, 1927.

BLOCKETTE

The word "Block" is disclaimed apart from the mark as used.

Particular description of goods.—Chemical Substances Used for Disinfectants, Air Purifiers, and Deodorizers.

Claims use since Apr. 2, 1907.

Ser. No. 249,881. MARK W. ALLEN & Co., Detroit, Mich. Filed June 2, 1927.

Prep

Particular description of goods.—Astringents, Astringent Cerates, Bleach Creams, Refreshing Creams, Beauty Creams, Cold Creams, Cleansing Creams, Obesity Creams, Obesity Astringents, Dry Rouges, Liquid Rouges, Rose

Tints, Face Bleaches, Face Packs, Eyebrow and Eyelash Growers, Eye Drops, Hand Lotions, Skin Lotions, Face Powders, Talcum Powders, Sachets, Hair Salves, Hair Elixirs, Hair Tonics, Shampoos, Hair Dyes, Bath Salts, Smelling Salts, Incense, Lip Sticks, Tooth Powders, Mouth Washes, Dentifrices, Tooth Pastes, Nail Powders, Nail Creams, Nail Bleaches, Witch Hazel, Bay Rum, Peroxide, Petroleum Jellies, Witch Hazel Salves, Camphor Creams, Foot Powders, Deodorants, Disinfectants, Aspirin, Perfumes, Toilet Waters, and Medicinal Preparation Having Anesthetic and Healing Properties for Use Before Shaving.

Claims use since May 6, 1927.

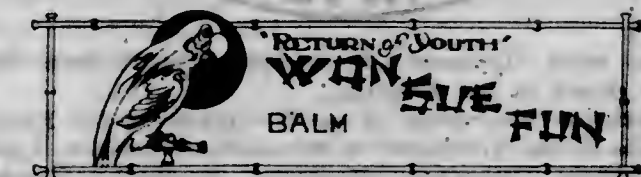
Ser. No. 250,171. ROBERT W. FRISCHKORN, doing business as Robert Walter Company, Detroit, Mich. Filed June 8, 1927.

O-PER

Particular description of goods.—Deodorant.

Claims use since June 1, 1927.

Ser. No. 250,213. SARAH WALTON, doing business as Won Sue Fun Company, San Francisco, Calif. Filed June 8, 1927.



Applicant disclaims all wording appearing on the drawing with the exception of the words "Won Sue Fun."

Particular description of goods.—Face Creams.

Claims use since Mar. 20, 1923.

Ser. No. 250,400. MARCELLUS B. DIEDERICH, doing business as Lindsley Chemical Company, Ridgville, Ohio. Filed June 11, 1927.



Particular description of goods.—Fly Spray, Disinfectants, and Insecticides.

Claims use since prior to Jan. 1, 1903.

Ser. No. 251,176. THE DE PREE COMPANY, Holland, Mich. Filed June 27, 1927.

WHEATAMIN

Particular description of goods.—A Vitamin-Rich Extractive Derived from Grain Germs Indicated in Cases of Lack of Appetite, in States of Malnutrition, Anemia, Rickets, and in Other Avitaminoses.

Claims use since Apr. 15, 1927.

Ser. No. 251,192. ELI LILLY AND COMPANY, Indianapolis, Ind. Filed June 27, 1927.

EPHEDROL

Particular description of goods.—Compound of Ma Huang, Menthol, and Tolu for Use in the Treatment of Coughs and Asthma.

Claims use since June 3, 1927.

Ser. No. 251,206. THE PRESCRIPTION HOUSE, Houston, Tex. Filed June 27, 1927.

CREMAGOL

Particular description of goods.—Laxative.

Claims use since Mar. 15, 1925.

Ser. No. 251,245. ERNEST A. SCHAAF, doing business as The Rubright Company, Richmond, Va. Filed June 28, 1927.



The word "Liniment" is disclaimed apart from the mark shown in the drawing.

Particular description of goods.—Liniment for External Use in the Treatment of Rheumatism, Sciatica, Lumbago, Gout, Neuralgia, Headache, Toothache, Croup, Colds, Hoarseness, Sore Throat, Pains in the Back, Etc.

Claims use since Mar. 10, 1927.

Ser. No. 251,287. UNIFORM PRODUCTS COMPANY, Lancaster, Pa. Filed June 29, 1927.

GREEN LIFE

Particular description of goods.—Insecticides.

Claims use since Oct. 28, 1924.

Ser. No. 251,290. UNIFORM PRODUCTS COMPANY, Lancaster, Pa. Filed June 29, 1927.

PLANTOBAC

Particular description of goods.—Insecticides.

Claims use since June 24, 1927.

Ser. No. 251,302. IRVING MCEWEN, Omaha, Nebr. Filed June 29, 1927.

HAIR-KEEN

TRADE MARK

The words "Trade-Mark" appearing on the drawing is hereby disclaimed.

Particular description of goods.—Hairdressing.

Claims use since June 1, 1927.

Ser. No. 251,390. JOHN A. DAVIES, Wyoming, N. Y. Filed July 1, 1927.



DAVIES

The picture appearing in the drawing is an ink drawing of the portrait of the applicant.

Particular description of goods.—Medical Compound for Use in the Treatment of Erysipelas and Other Skin Diseases.

Claims use since June 6, 1927.

Ser. No. 251,974. IRVING MCEWEN, Omaha, Nebr. Filed July 13, 1927.

Twilight

Particular description of goods.—Toilet Cream, Cold Cream, Cleansing Cream, Vanishing Cream, Tissue Cream, Astringent Cream, Bleach Cream, Massage Cream, Hand Lotion, Skin Lotion, Talcum Powder, Toilet Powder, Face Powder, Dusting Powder, Bath Salt, Bath Crystals, Hair Tonic, Hair-Oil Dressing, Brilliantine, Liquid Shampoo, Perfume, Toilet Water, and Cologne.

Claims use since May 10, 1927.

Ser. No. 252,009. HANS A. BODE, doing business as Royal Hawaiian Laboratories, Honolulu, Territory of Hawaii. Filed July 13, 1927.

ROYAL HAWAIIAN

The geographical term "Hawaiian" appearing on the drawing is disclaimed apart from the other features of the mark.

Particular description of goods.—Toilet Creams, Beautifying Lotion, Perfumes, Hair Tonics, and Shampoo (Liquid).

Claims use since Mar. 21, 1927.

Ser. No. 252,092. DINY, INC., New York, N. Y. Filed July 15, 1927.

EN AMOUR

Particular description of goods.—Perfumes, Powders, and Toilet Preparations for Beautifying and Preserving the Skin, Nails, Hair, and Body Generally; Depilatories and Deodorants.

Claims use since July 11, 1927.

Ser. No. 252,245. WILLIAM F. LAWRENZ, Long Beach, Calif. Filed July 18, 1927.

Miracol Dentifrice

No claim is made to the word "Dentifrice" apart from the mark shown in the drawing.

Particular description of goods.—Dentifrice.

Claims use since Apr. 28, 1927.

Ser. No. 252,319. WILLIAM F. DENNEY, doing business as Denney & Denney, Philadelphia, Pa. Filed July 20, 1927.

Crème Mercedes

The word "Crème" is disclaimed apart from the mark shown.

Particular description of goods.—Astringents, Astringent Cerates, Bleach Creams, Beauty Creams, Cold Creams, Cleansing Creams, Obesity Creams, Refreshing Creams, Obesity Astringents, Dry Rouges, Liquid Rouges, Face Bleaches, Face Packs, Eyebrow and Eyelash Grower, Eye Drops, Hand Lotions, Skin Lotions, Face Powders, Talcum Powders, Sachets, Hair Salves, Hair Elixirs, Hair Tonics, Shampoos, Hair Dyes, Bath Salts, Smelling Salts, Lip Sticks, Incense, Tooth Powders, Mouth Washes, Dentifrices, Tooth Pastes, Nail Powders, Nail Creams, Nail Bleaches, Witch Hazel, Peroxide, Petroleum Jellies, Witch-Hazel Salves, Camphor Creams, Foot Powders, Deodorants, Disinfectants, Aspirin, Bay Rum, Perfumes, and Toilet Waters.

Claims use since May 27, 1927.

Ser. No. 252,322. FREDERICK STEARNS & COMPANY, Detroit, Mich. Filed July 20, 1927.

Plaisir d'Orient

Particular description of goods.—Perfume, Toilet Water, and Face Powder.

Claims use since June 15, 1927.

Ser. No. 252,323. FREDERICK STEARNS & COMPANY, Detroit, Mich. Filed July 20, 1927.

Jardin d'Or

Particular description of goods.—Perfume, Toilet Water, and Face Powder.

Claims use since June 21, 1927.

Ser. No. 252,371. THE ELECTRO-THERMAL COMPANY, Steubenville, Ohio. Filed July 21, 1927.



Particular description of goods.—Medicated Lubricant for Use for Piles or Hemorrhoids, and Cuts, Burns, Sprains, and Abrasions.

Claims use since Dec. 28, 1926.

Ser. No. 252,421. FAIRCHILD BROS. & FOSTER, New York, N. Y. Filed July 22, 1927.

HEPMINOL

Particular description of goods.—Extract Prepared from the Fresh Liver of the Calf or Sheep Designed for Internal Administration in the Treatment of Disorders of Vitamin Deficiency.

Claims use since May 16, 1927.

Ser. No. 252,483. RAY WILLIAM SMITH, doing business as The Moss Company, Rochester, N. Y. Filed July 23, 1927.

MOSCO

Particular description of goods.—Preparation for Removing Warts, Corns, and Calli.

Claims use since September, 1914.

Ser. No. 252,492. FRED D. ADAMS, Waterloo, Iowa. Filed July 25, 1927.

Vaniti-Uög

Particular description of goods.—Cleansing Cream and Theatrical Cold Cream.

Claims use since June 1, 1927.

Ser. No. 252,523. WM. PETERMAN, INC., Passaic, N. J., and New York, N. Y. Filed July 25, 1927. Under 10-year proviso.

Peterman's ROACH FOOD

Particular description of goods.—Insecticide.

Claims use since about Nov. 1, 1886.

Ser. No. 252,573. UNIFORM PRODUCTS COMPANY, Lancaster, Pa. Filed July 26, 1927.

C. B. P.

Particular description of goods.—Insecticides.

Claims use since Feb. 14, 1925.

Ser. No. 252,581. FLORA L. ARNETT, Osborn, Ohio. Filed July 27, 1927.

VEMA

Particular description of goods.—Salve for Old Sores, Case of Eczema, Cuts, Boils, Bruises, Tetter, Burns, Gall, Itching Piles, Blood Poison, and Cancer When First Started. This Salve is Good for Beast as Well as Man. Such as Sore Shoulders, Cracked Teats on Cows, Warts and Warble on Backs of Cows.

Claims use since Apr. 15, 1925.

Ser. No. 252,668. R. S. THOMPSON, doing business as Dermal Research Institute, New York, N. Y. Filed July 28, 1927.

VIGOR-NU

Particular description of goods.—Tonic for the Treatment of the Scalp and Hair.
Claims use since June 30, 1927.

Ser. No. 252,671. ZOPHAR MILLS, INC., Brooklyn, N. Y. Filed July 28, 1927.

VINCOFORM

Particular description of goods.—Disinfectant and Deodorizer.
Claims use since November, 1926.

Ser. No. 252,726. PETROLEUM DERIVATIVES COMPANY, Montclair, N. J. Filed July 29, 1927.

VAPON

Particular description of goods.—Preparation for the Hair and Scalp.
Claims use since July 26, 1927.

Ser. No. 252,814. JOHN BARRETT, Los Angeles, Calif. Filed Aug. 1, 1927.

DUN-IT

Particular description of goods.—Medicinal Preparation in Powder and Capsule Form for Rheumatism and Stomach and Female Troubles.
Claims use since about January, 1927.

Ser. No. 252,817. ABRAHAM J. BLOCK, New York, N. Y. Filed Aug. 1, 1927.

BLOX

Particular description of goods.—Preparation for Coughs and for Relief of Irritated Membranes of the Throat and Bronchial Affections.
Claims use since Jan. 10, 1927.

Ser. No. 252,824. TERESA FAMA, Clearfield, Pa. Filed Aug. 1, 1927.

CELLS-MOR

Particular description of goods.—Preparation for the Relief of Rheumatism.
Claims use since June 29, 1927.

Ser. No. 252,838. WILLIAM HANDLER, East Cleveland, Ohio. Filed Aug. 1, 1927.

Le Pirro

Particular description of goods.—Face Powder and Cleansing Cream.
Claims use since July 19, 1927.

Ser. No. 252,840. HELM CHEMICAL COMPANY, Benton Harbor, Mich. Filed Aug. 1, 1927.

KING BEN'S



Particular description of goods.—Tonic for Blood and Nerves.
Claims use since Nov. 25, 1926.

Ser. No. 252,848. JOHNSON, CARVELL & MURPHY, Los Angeles, Calif. Filed Aug. 1, 1927.



Particular description of goods.—Ant Paste.
Claims use since May 1, 1910.

Ser. No. 252,851. THE LINCOLN ELECTRIC COMPANY, Cleveland, Ohio. Filed Aug. 1, 1927.

AUTOGENIZER

Particular description of goods.—Fluxing and Coating Materials for Use in Arc Welding.
Claims use since May 1, 1927.

Ser. No. 252,879. CYRUS A. BISHOP, doing business as Earl's Best Pharmaceutical Company, Tarrytown, N. Y. Filed Aug. 2, 1927. Under 10-year proviso.

EARL'S BEST

Particular description of goods.—Medicinal Preparation Used in the Treatment of Stomach Disorders.
Claims use since January, 1879.

Ser. No. 252,884. CARBIC COLOR & CHEMICAL CO., INC., New York, N. Y. Filed Aug. 2, 1927.

CARBICROME

Particular description of goods.—Mordants for Dyeing and Printing.
Claims use since June 17, 1927.

Ser. No. 252,963. RICHARD HUDNUT, New York, N. Y. Filed Aug. 3, 1927.

LE DEBUT NOIR

No registration rights are claimed for the word "Noir" apart from the mark shown in the drawing.

Particular description of goods.—Cold Cream, Bath Salts, Perfume, Almond Meal, Toilet Cerate, Headache Cologne, Face Powder, Bath Powder, Talcum Powder, Tooth Powder, Tooth Paste, Toilet Water, Smelling Salts, Skin and Tissue Creams, Lip Rouge, Sachet, and Vanishing Cream.
Claims use since June 25, 1927.

Ser. No. 252,982. STAUFFER CHEMICAL COMPANY, Houston, Tex. Filed Aug. 3, 1927.

SWAN



Particular description of goods.—Sulphur.
Claims use since Mar. 24, 1927.

Ser. No. 253,010. GUIDO J. CERVELLI, doing business as Standard Physicians Pharmaceutical Laboratories, San Francisco, Calif. Filed Aug. 4, 1927.

FEM-A-SEPTIC

Particular description of goods.—Douche Powder.
Claims use since Sept. 1, 1926.

862 O. G.—81

Ser. No. 253,105. THE ODELL COMPANY, INC., Newark, N. J. Filed Aug. 5, 1927.

PENETROL

Particular description of goods.—Hair Tonic.
Claims use since June 15, 1927.

Ser. No. 253,107. PARFUMERIE ODETTE, INC., New York, N. Y. Filed Aug. 5, 1927.

ODETTE

Particular description of goods.—Perfumes.
Claims use since about June 21, 1927.

Ser. No. 253,110. PILOPROPHYL CO., LTD., Okmulgee, Okla. Filed Aug. 5, 1927.



Particular description of goods.—Scalp Prophylactic.
Claims use since July 1, 1926.

Ser. No. 253,117. THURSTON-HELM, INC., New York, N. Y. Filed Aug. 5, 1927.

THINC

Particular description of goods.—Hand Cream, Cleansing Cream, Cold Cream, Vanishing Cream, Face Cream, Massage Cream, Bleach Cream, Wrinkle Cream, Deodorant Cream, Deodorant Powder, Depilatory, Nail Polish, Nail Polish Remover, Nail White, Cuticle Remover, Cuticle Ice, Camphor Ice, Toilet Water, Perfume, Loose Face Powder, Compact Face Powder, Talcum Powder, Liquid Face Powder, Face Rouge, Lip Rouge, and Eyebrow Pencil.
Claims use since July 21, 1927.

Ser. No. 253,179. F. M. EUGENE BLASS, doing business as E. Am. Ass'n for Oxygen-Therapy, New York, N. Y. Filed Aug. 8, 1927.

SAN-O-PIN

Particular description of goods.—Therapeutic and Prophylactic Agent in Tablet Form to be Used as an Activator of the Skin as Well as Invigorator of the Body and Nerves Through Accelerated Blood Circulation.
Claims use since July, 1927.

Ser. No. 253,189. HARRY HYMAN, New York, N. Y. Filed Aug. 8, 1927.

BREEZE

Particular description of goods.—Mouth Wash in Capsules.
Claims use since January, 1927.

Ser. No. 253,267. REBECCA CARPENTER, Philadelphia, Pa.
Filed Aug. 10, 1927.

REBECCA'S

Particular description of goods.—Hair Preparations—
Namely, Hair Tonic, Hair Straightener, Dandruff Re-
mover, Brilliantine, and Hair Dressing.
Claims use since Aug. 4, 1925.

Ser. No. 253,369. SIDNEY U. GLASER, Sayre, Pa. Filed
Aug. 12, 1927.

GLA-KOF

Particular description of goods.—Medicine for Coughs.
Claims use since February, 1926.

CLASS 8.

SMOKERS' ARTICLES, NOT INCLUDING TOBACCO PRODUCTS.

Ser. No. 249,542. H. L. ROGERS Co., Inc., New York,
N. Y. Filed May 25, 1927.

SLYDE-LOK

Particular description of goods.—Tobacco Pouches,
Cigar, Cigarette, and Pipe Cases, and Leather-Covered
Humidors.

Claims use since Feb. 28, 1927.

Ser. No. 250,335. IRVING B. WILLITS AND CHARLES S.
MILLER, Pittsburgh, Pa. Filed June 10, 1927.

NONIC

Particular description of goods.—Pipes and Tobacco
Pouches.

Claims use since Mar. 1, 1927.

CLASS 10.

FERTILIZERS.

Ser. No. 251,288. UNIFORM PRODUCTS COMPANY, Lan-
caster, Pa. Filed June 29, 1927.

GREEN LIFE

Particular description of goods.—Fertilizers.
Claims use since Oct. 28, 1924.

Ser. No. 253,056. VIRGINIA-CAROLINA CHEMICAL CORPO-
RATION, Richmond, Va. Filed Aug. 4, 1927.

CHICORA

Particular description of goods.—Fertilizers.
Claims use since 1891.

Ser. No. 253,057. VIRGINIA-CAROLINA CHEMICAL CORPO-
RATION, Richmond, Va. Filed Aug. 4, 1927.

EDISTO

Particular description of goods.—Fertilizers.
Claims use since 1880.

Ser. No. 253,058. VIRGINIA-CAROLINA CHEMICAL CORPO-
RATION, Richmond, Va. Filed Aug. 4, 1927.

CHEROKEE

Particular description of goods.—Fertilizers.
Claims use since 1890.

Ser. No. 253,059. VIRGINIA-CAROLINA CHEMICAL CORPO-
RATION, Richmond, Va. Filed Aug. 4, 1927.

CHAMPION

Particular description of goods.—Fertilizers.
Claims use since 1885.

Ser. No. 253,061. VIRGINIA-CAROLINA CHEMICAL CORPO-
RATION, Richmond, Va. Filed Aug. 4, 1927.

V. C. C.

Particular description of goods.—Fertilizers.
Claims use since August, 1897.

Ser. No. 253,065. VIRGINIA-CAROLINA CHEMICAL CORPO-
RATION, Richmond, Va. Filed Aug. 4, 1927.

STONO

Particular description of goods.—Fertilizers.
Claims use since 1874.

Ser. No. 253,068. VIRGINIA-CAROLINA CHEMICAL CORPO-
RATION, Richmond, Va. Filed Aug. 4, 1927.

NATIONAL

Particular description of goods.—Fertilizers.
Claims use since 1880.

CLASS 11.

INKS AND INKING MATERIALS.

Ser. No. 245,009. GUNTHER WAGNER, Hanover, Germany.
Filed Feb. 28, 1927.



Pelikan

Particular description of goods.—Drawing Inks, Chinese
Inks, Writing Inks, and Indian Inks.
Claims use since Nov. 27, 1878.

CLASS 12.

CONSTRUCTION MATERIALS.

Ser. No. 226,765. FARNAM CHESHIRE LIME COMPANY,
Cheshire, Mass. Filed Feb. 2, 1926.



No claim is made to the exclusive use of a circular
label.

Particular description of goods.—Lime.
Claims use since Autumn of 1908.

Ser. No. 233,358. WILLIAM J. BURROWS, St. Paul, Minn.
Filed June 17, 1926.

STEELHEART

Particular description of goods.—Cames for Leaded-
Glass Windows.
Claims use since May 10, 1926.

Ser. No. 244,326. THE SPARTA CERAMIC COMPANY, East
Sparta, Ohio. Filed Feb. 12, 1927.

GOLDEN PHEASANT

Particular description of goods.—Ceramic Floor and
Wall Tiles.
Claims use since June 23, 1926.

Ser. No. 246,595. THE CINCINNATI SHEET METAL & ROOF-
ING Co., Cincinnati, Ohio. Filed Mar. 30, 1927.

AJAX

Particular description of goods.—Sheet-Metal Roofing.
Claims use since Mar. 31, 1910.

Ser. No. 247,663. THE BEAVER PRODUCTS COMPANY, INC.,
Buffalo, N. Y. Filed Apr. 19, 1927.

THERMOCRETE FILL

No claim is made to the word "Fill" apart from the
mark as shown.

Particular description of goods.—Mineral Thermal In-
sulating Material.

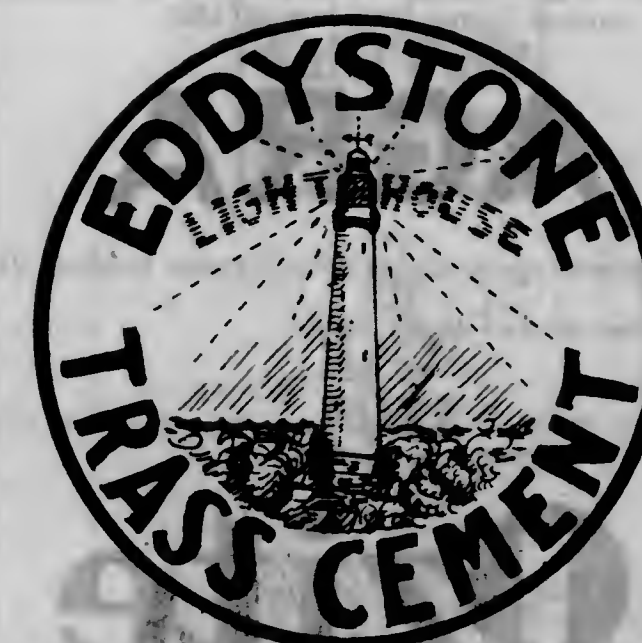
Claims use since Sept. 24, 1924.

Ser. No. 248,458. ABERDEEN PLYWOOD COMPANY, Aber-
deen, Wash. Filed May 5, 1927.



Particular description of goods.—Veneer and Plywood.
Claims use since Apr. 12, 1927.

Ser. No. 250,655. UNITED HARDWOOD & TOOL CORPO-
RATION, New York, N. Y. Filed June 16, 1927.



No claim is made to the exclusive use of the words
"Trass Cement" apart from the mark shown in the draw-
ing.

Particular description of goods.—Portland Cement.
Claims use since Jan. 1, 1927.

Ser. No. 251,645. ACME BRICK COMPANY, Fort Worth, Tex. Filed July 8, 1927.

SUNFLOWER

Particular description of goods.—Bricks.
Claims use since July, 1925.

Ser. No. 251,689. SIMONS BRICK CO., Los Angeles, Calif. Filed July 8, 1927.

HANDCRAFT

Particular description of goods.—Roofing Tile.
Claims use since Jan. 10, 1927.

Ser. No. 251,754. A. P. GREEN FIRE BRICK COMPANY, Mexico, Mo. Filed July 9, 1927.

ATMOSET

Particular description of goods.—Air-Setting Cement.
Claims use since on or about Dec. 12, 1925.

Ser. No. 252,183. THE BALDWIN-TARVIN COMPANY, Cincinnati, Ohio. Filed July 18, 1927.

MAXIMENT

Particular description of goods.—Dry Material for Making Cementitious Structures.
Claims use since Sept. 30, 1926.

Ser. No. 252,276. AGRA WATERPROOF STUCCO PRODUCTS CO., Oakland, Calif. Filed July 19, 1927.

AGRA

Particular description of goods.—Stucco Building Material.
Claims use since June 1, 1925.

Ser. No. 252,302. AMERICAN HAIR FELT COMPANY, Chicago, Ill. Filed July 20, 1927.

Ozite

Particular description of goods.—Hair-Felt Products for Insulation for Heating and Ventilating Apparatus.
Claims use since June 27, 1927.

CLASS 13.

HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.

Ser. No. 234,560. CENTRIFIX CORPORATION, Cleveland, Ohio. Filed July 15, 1926.

FILTER - BEND

No claim is made to the word "Filter" apart from the mark shown.

Particular description of goods.—Fluid Separators of the Fixed Type Without Moving Parts for Purifying or Separating Rapidly-Moving Fluids, Such as Oil, Water, Steam, Air, and Blast-Furnace, Producer, Coke-Oven, City, or Natural Gas.

Claims use since July 2, 1926.

Ser. No. 240,914. JOHNSON MOTOR PRODUCTS CO. INC., Chicago, Ill. Filed Dec. 3, 1926.

"PRETZELS"

Particular description of goods.—Repair Links for Non-skid Chains for Automobiles.

Claims use since August, 1926.

Ser. No. 252,232. THE VALVE EQUIPMENT COMPANY, Columbus, Ohio. Filed July 18, 1927.

SUPERTEST

Particular description of goods.—Forged-Steel and Cast-Steel Valves.

Claims use since June 25, 1926.

CLASS 14.

METALS AND METAL CASTINGS AND FORGINGS.

Ser. No. 250,553. KLOSTER STEEL CORPORATION, Chicago, Ill. Filed June 15, 1927.

CHIZ-ALLOY

Applicant disclaims exclusive use of the word "Alloy" apart from the mark as shown in the drawing.

Particular description of goods.—Tool Steel.

Claims use since May 1, 1927.

Ser. No. 251,062. W. N. MATTHEWS CORPORATION, St. Louis, Mo. Filed June 24, 1927.

XPANDIX

Particular description of goods.—Earth Anchors.
Claims use since May 14, 1927.

Ser. No. 251,063. W. N. MATTHEWS CORPORATION, St. Louis, Mo. Filed June 24, 1927.

TRAPLOX

Particular description of goods.—Earth Anchors.
Claims use since Jan. 15, 1927.

CLASS 15.

OILS AND GREASES.

Ser. No. 250,542. INDEPENDENT OIL MEN OF AMERICA, Chicago, Ill. Filed June 15, 1927.



The words "Gasoline," "Motor Oil," and "Oil" do not form a part of the registration sought apart from the trade-mark shown in the drawing. The color red is shown by conventional lining.

Particular description of goods.—Motor-Lubricating Oil.
Claims use since Feb. 1, 1927.

Ser. No. 251,932. THE STANDARD OIL COMPANY, Cleveland, Ohio. Filed July 12, 1927.

SOHIO

Particular description of goods.—Petroleum Products Consisting of Kerosene, Gasoline, Lubricating Oil, Lubricating Grease, and Paraffin.

Claims use since Mar. 12, 1927.

Ser. No. 252,354. STANDARD OIL COMPANY, Whiting, Ind., and Chicago, Ill. Filed July 20, 1927.

DINETTE

Particular description of goods.—Candles.
Claims use since May 23, 1927.

Ser. No. 252,811. W. H. BARBER COMPANY, Minneapolis, Minn. Filed Aug. 1, 1927.

UNIVERZOIL

Particular description of goods.—Lubricating Oils and Greases.
Claims use since Mar. 1, 1927.

Ser. No. 253,159. PARAGON OIL COMPANY, INC., Glendale, N. Y. Filed Aug. 6, 1927.

PARALENE

Particular description of goods.—Gasoline and Motor Oils.
Claims use since May 2, 1927.

CLASS 16.

PAINTS AND PAINTERS' MATERIALS.

Ser. No. 229,154. CHICAGO PAINT WORKS, Chicago, Ill. Filed Mar. 25, 1926.

C.P.W. Major White

The words "Major White" are disclaimed apart from the other features of the mark as shown in the drawing.

Particular description of goods.—General-Purpose White Paste Paint.

Claims use since July 30, 1923.

Ser. No. 241,750. TRUE-TAGG PAINT CO., Memphis, Tenn. Filed Dec. 20, 1926.

TRU-LAC

No claim is made to the word "Lac" apart from the mark shown in the drawing.

Particular description of goods.—Brushing Lacquers, Prepared Shellac, Substitutes, and Varnishes.
Claims use since about Jan. 1, 1920.

Ser. No. 250,669. AMERICAN LINSEED COMPANY, New York, N. Y. Filed June 17, 1927.



NO FOOTS-NO MOISTURE

No claim is made to the words "Water-White" and "100% Pure" except in association with the mark; also the words "Linseed Oil, No Foots, No Moisture."

Particular description of goods.—Linseed Oil.
Claims use since Dec. 2, 1926.

Ser. No. 251,515. HENRY N. SCHOFIELD, doing business as The Hy-Glo-Lac Co., Kansas City, Mo. Filed July 5, 1927.

Hy-Glo-Lac

The word "Lac" is disclaimed apart from the mark shown on the drawing.

Particular description of goods.—Finishing Lacquer.
Claims use since Apr. 1, 1927.

Ser. No. 252,477. THE PATTERSON-SARGENT COMPANY, Cleveland, Ohio. Filed July 23, 1927.

ZILEADT

Particular description of goods.—Dry and Ready-Mixed Paints, Paint and Varnish Driers, Paint Enamels, Wood Stains, Varnish Stains, Wall Paint, Prepared Lacs, Fillers for Painters' Use, Varnishes, Automobile Enamels, Baking Enamels, and Engine Enamels.
Claims use since May 1, 1927.

CLASS 19.

VEHICLES, NOT INCLUDING ENGINES.

Ser. No. 251,049. CENTRAL STATES AERO CO., Davenport, Iowa. Filed June 24, 1927.

The Monocoupe

Particular description of goods.—Airplanes.
Claims use since April, 1927.

Ser. No. 251,872. THE STUDEBAKER CORPORATION, South Bend, Ind. Filed July 11, 1927.

DIRECTOR

Particular description of goods.—Automobiles.
Claims use since July 5, 1927.

Ser. No. 252,531. THE STUDEBAKER CORPORATION, South Bend, Ind. Filed July 25, 1927.

THE DIRECTOR

Particular description of goods.—Automobiles.
Claims use since July 21, 1927.

CLASS 21.

ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.

Ser. No. 221,605. FRISCH BROTHERS, Wilmington, Del. Filed Oct. 12, 1925.



No claim is made for the words "Trade-Mark" and "Pat. Appl'd. For."

Particular description of goods.—Horn or Loud-Speaking Units for Radio Receiving Sets.
Claims use since about July 20, 1925.

Ser. No. 223,105. SIEMENS & HALSKE AKTIENGESELLSCHAFT, Berlin-Siemensstadt, Germany. Filed Nov. 10, 1925.



Particular description of goods.—Electrical Machines—Namely, Dynamos, Motors, Transformers, and Accessories Comprising Starters, Choke Coils, Rectifiers, Resistances, Electro-Technical Instruments and Appliances—Namely, Apparatus for Wire and Wireless Telegraphy and Telephony Comprising Telephone Central Stations and Arrangements for Automatic, Semiautomatic, and Hand Operation; Wall and Table Stations for Central-Battery Operation; Wall and Table Stations for Call by Inductors, Line Selectors for Single and Double Lines, Central Change-Over Switches with Lamp Calls and Clearing Indicators, Central Change-Over Switches with Drop Relay Call and Clearing Indicators, Telephones for Selective Individual Calls, Portable Telephones, Waterproof Telephones, Telephones with Protection Against High Voltages, Loud-Speaking Telephones, Morse Telegraph Apparatus, High-Speed Morse Telegraph Apparatus, Hughes Telegraph Apparatus, Type-Printing Telegraph Apparatus, Distant Printers, Stock Tickers, Siemens High-

Speed Telegraph Apparatus; Keyboard High-Speed Telegraph Apparatus, Pendulum Telegraph Apparatus, Rotating-Coil High-Speed Telegraph, Telegraph Central Change-Over Switch; Radio Appliances Comprising Detector and Tube Receivers, Amplifiers for High and Low Frequency Currents, Loud Speakers, Head Telephones, Detector Tubes and Crystal Detectors, Coils, and Condensers; Ignition Systems for Internal-Combustion Engines and Parts Thereof Comprising Magnetos; Electrical Safety Installations, in Particular for Railroad and Mine Operation—Namely, Lightning Arrestors, Police and Fire Alarm Systems; Long-Distance Indicator Installations Comprising Acoustic Indicators; Insulating, Conductor, and Installation Material for Outdoor and Subterranean Conductors—Namely, Cables, Pupin Coils, Conductor Tubes, Tubular Conductors, Conductors Surrounded by Spun Fabric and Impregnated with Insulating Material, Contacts, Fuses, Switches, Belis, Distributing and Switch Panels of Insulating Material; Insulators, Brush and Push Contacts, Microphone Carbons, Carbon Electrodes for Electrolytical Purposes, Battery Elements, Storage Batteries, Metal Masts for Carrying and Tensioning Conductors; Electrical Installations—Namely, Incandescent Lamps, Arc Lamps, Arc-Lamp Electrodes, Searchlights, Electric Flares, Road Lighting for Land and Waterways; Electric Installations for Theatres Comprising Stage Reflectors, Stage Regulators, and Stage-Setting Devices; Electric Heating Devices—Namely, Space-Heating Elements, Steam Boilers, Heating and Cooking Plates, Soldering Irons, Water Heaters, Flatirons, Devices for Electric Singeing, Devices for Electric Burning, Devices for Electric Embossing, Arrangements for Liquefying Metals, Fats, and Impregnating Materials; Electrical Ovens for Industrial Purposes Comprising Glueing, Hardening, and Melting Ovens, Lacquering Ovens, and Rotating Tube Ovens, Electrodes for Electric Ovens; Electric Cooking Arrangements—Namely, Cooking Vessels, Stoves for Conserving Fodder; Electric Drying Arrangements—Namely, Hair-Drying Apparatus, Drying Ovens; Electrical Installations for Separating Impurities and Foreign Substances from Gases and Liquids—Namely, Electrofilters; Electrical Machinery—Namely, Electric Agricultural Machines, Machine Tools, Mining Machinery; Domestic Garden and Household Devices, in Particular Machines for Dust Removal from Carpets and Furniture, and Scraping Machines.

Claims use since about 1899.

Ser. No. 223,106. SIEMENS-SCHUCKERTWERKE GESELLSCHAFT MIT BESCHRÄNKTER HAFTUNG, Berlin, Siemensstadt, Germany. Filed Nov. 10, 1925.



Particular description of goods.—Electrical Machines—Namely, Dynamos, Motors, Transformers, and Accessories Comprising Starters, Choke Coils, Rectifiers, Resistances; Electro-Technical Instruments and Appliances—Namely, Apparatus for Wire and Wireless Telegraphy and Teleph-

ony Comprising Telephone Central Stations and Arrangements for Automatic, Semiautomatic, and Hand Operation; Wall and Table Stations for Central-Battery Operation; Wall and Table Stations for Call by Inductors, Line Selectors for Single and Double Lines, Central Change-Over Switches with Lamp Calls and Clearing Indicators, Central Change-Over Switches with Drop Relay Call and Clearing Indicators, Telephones for Selective Individual Calls, Portable Telephones, Waterproof Telephones, Telephones with Protection Against High Voltages, Loud-Speaking Telephones, Morse Telegraph Apparatus, High-Speed Morse Telegraph Apparatus, Hughes Telegraph Apparatus, Type-Printing Telegraph Apparatus, Distant Printers, Stock Tickers, Siemens High-Speed Telegraph Apparatus; Keyboard High-Speed Telegraph Apparatus, Pendulum Telegraph Apparatus, Rotating-Coil High-Speed Telegraph, Telegraph Central Change-Over Switch; Radio Appliances Comprising Detector and Tube Receivers, Amplifiers for High and Low Frequency Currents, Loud Speakers, Head Telephones, Detector Tubes and Crystal Detectors, Coils, and Condensers; Ignition Systems for Internal-Combustion Engines and Parts Thereof Comprising Magnetos; Electrical Safety Installations, in Particular for Railroad and Mine Operation—Namely, Lightning Arrestors, Police and Fire Alarm Systems; Long-Distance Indicator Installations Comprising Acoustic Indicators; Insulating, Conductor, and Installation Material for Outdoor and Subterranean Conductors—Namely, Cables, Pupin Coils, Conductor Tubes, Tubular Conductors, Conductors Surrounded by Spun Fabric and Impregnated with Insulating Material, Contacts, Fuses, Switches, Belis, Distributing and Switch Panels of Insulating Material; Insulators, Brush and Push Contacts, Microphone Carbons, Carbon Electrodes for Electrolytical Purposes, Battery Elements, Storage Batteries, Metal Masts for Carrying and Tensioning Conductors; Electrical Installations—Namely, Incandescent Lamps, Arc Lamps, Arc-Lamp Electrodes, Searchlights, Electric Flares, Road Lighting for Land and Waterways; Electric Installations for Theatres Comprising Stage Reflectors, Stage Regulators, and Stage-Setting Devices; Electric Heating Devices—Namely, Space-Heating Elements, Steam Boilers, Heating and Cooking Plates, Soldering Irons, Water Heaters, Flatirons, Devices for Electric Singeing, Devices for Electric Burning, Devices for Electric Embossing, Arrangements for Liquefying Metals, Fats, and Impregnating Materials; Electrical Ovens for Industrial Purposes Comprising Glueing, Hardening, and Melting Ovens, Lacquering Ovens, and Rotating Tube Ovens, Electrodes for Electric Ovens, Electric Cooking Arrangements—Namely, Cooking Vessels, Stoves for Conserving Fodder; Electric Drying Arrangements—Namely, Hair-Drying Apparatus, Drying Ovens; Electrical Installations for Separating Impurities and Foreign Substances from Gases and Liquids—Namely, Electrofilters; Electrical Machinery—Namely, Electric Agricultural Machines, Machine Tools, Mining Machinery; Domestic Garden and Household Devices, in Particular Machines for Dust Removal from Carpets and Furniture, and Scraping Machines.

Claims use since about 1904.

Ser. No. 230,642. PREMIER ELECTRIC COMPANY, Chicago, Ill. Filed Apr. 23, 1926.

**Premier
HOT-SPOT**

No claim is made to the words "Hot Spot" except when used in connection with the mark as shown.

Particular description of goods.—Electric Cigar Lighters.

Claims use since Mar. 25, 1926.

Ser. No. 231,916. GEBRÜDER SIEMENS & COMPANY, Berlin-Lichtenberg, Germany. Filed May 20, 1926.

Egalit

Particular description of goods.—High-Ohmic Electric Resistance Compound for Weak-Current Purposes Such as in the Radio Art.

Claims use since about January, 1926.

Ser. No. 232,224. THE SPARKS-WITHINGTON COMPANY, Jackson, Mich. Filed May 25, 1926.



Particular description of goods.—Radio Receiving Sets, Parts Thereof, Loud Speakers, and Parts Thereof.

Claims use since Dec. 25, 1925.

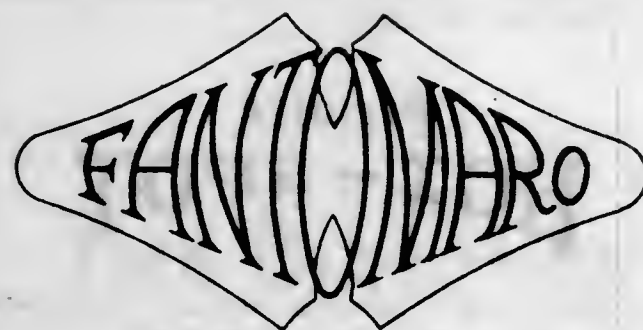
Ser. No. 234,938. WHITE RADIO SHOP, Trenton, N. J., assignor to Circle F. Mfg. Co., Trenton, N. J., a Corporation of New Jersey. Filed July 22, 1926.

SUPERVOX

Particular description of goods.—Radio Broadcast Receiving Sets and Radio Loud Speakers.

Claims use since September, 1924.

Ser. No. 237,409. ELEVATOR SUPPLIES COMPANY, INC., Hoboken, N. J. Filed Sept. 18, 1926.



Particular description of goods.—Electrically-Operated Signal Lantern for Elevators or Other Vehicles.

Claims use since Apr. 1, 1926.

Ser. No. 241,083. THE BUCKLEY, NEWHALL COMPANY, New York, N. Y. Filed Dec. 7, 1926.

BLUE RIBBON

Particular description of goods.—Electric Coffee and Tea Pots and Percolators, Electric Dishwashing Machines, Electric Vacuum Cleaners, Electric Broilers, Electric Sadrans, Electric Cookers, and Atmospheric Electric Heaters, Stoves, and Lamps, Electroliners and Radio Receiving, Detecting, and Transmitting Apparatus and Parts Thereof Comprising Radio Receiving Sets, Loud Speakers, Aerial Loops, Amplifiers Consisting of Electron Tubes, Vacuum Tubes, Grid Leaks, Head Phones, and Radio Transmitting Sets, and Parts Thereof.

Claims use since Aug. 10, 1910, on electric coffee and tea pots and percolators, electric dishwashing machines, vacuum cleaners, waffle iron, broilers, toasters, electric sadrons, electric cookers, and electric heaters, stoves, and lamps, and electroliners, and on radio receiving, detecting, and transmitting apparatus and parts thereof, comprising vacuum tubes, grid leaks, and equipment, head phones, radio receiving sets, loud speakers, aerial loops, and amplifiers consisting of electron tubes and radio transmitting sets and parts thereof, since May 20, 1924.

Ser. No. 245,206. FRANK ADAM ELECTRIC COMPANY, St. Louis, Mo. Filed Mar. 4, 1927.



No claim is made to the words "Major System" apart from the mark shown in the drawing.

Particular description of goods.—Switching and Dimming Installations and Apparatus for Control of Lighting in Theaters and Auditoriums.

Claims use since Mar. 10, 1921.

Ser. No. 247,772. DEWITT C. BLACK, Coahoma, Miss. Filed Apr. 21, 1927.

BLAX

Particular description of goods.—Plastic Electrical Insulating Material.

Claims use since Mar. 5, 1927.

Ser. No. 249,995. HENRY T. ROBERTS, doing business as H. T. Roberts Co., Chicago, Ill. Filed June 3, 1927.

ELECTROPE

Particular description of goods.—Radio Receiving Sets.

Claims use since May 28, 1927.

Ser. No. 249,996. HENRY T. ROBERTS, doing business as H. T. Roberts Co., Chicago, Ill. Filed June 3, 1927.

LA PHONIC

Particular description of goods.—Radio Receiving Sets.

Claims use since Feb. 21, 1927.

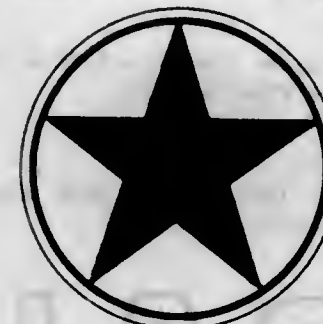
Ser. No. 250,258. NOMA ELECTRIC CORPORATION, New York, N. Y. Filed June 9, 1927.

KRISTINELITE

Particular description of goods.—Christmas Decorating Lighting Fixtures.

Claims use since about May 23, 1927.

Ser. No. 250,595. BRIGHT STAR BATTERY CO., Hoboken, N. J. Filed June 16, 1927.



Particular description of goods.—Electric Batteries—Viz. Flashlight Batteries, Radio and Wireless Batteries, Dry Cells, and Multiple Batteries Made from Dry Cells, and Flashlight Cases.

Claims use since December, 1923.

Ser. No. 251,272. LOUIS M. GRANDIN, doing business as Grandin Long Co., New York, N. Y. Filed June 29, 1927.

HURRYPHONE

Particular description of goods.—Intercommunicating Telephones.

Claims use since June 1, 1926.

CLASS 23.

CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.

Ser. No. 237,935. WICKES BROTHERS, Saginaw, Mich. Filed Sept. 29, 1926.



Particular description of goods.—Plate-Bending Rolls, Angle-Bending Rolls, Flanging Clamps, Punching and Shearing Machines, Wall Radial Drills, Engine Lathes, Crank-Shaft Lathes.

Claims use since Jan. 1, 1920.

Ser. No. 240,327. WORCESTER LAWN MOWER COMPANY, Worcester, Mass. Filed Nov. 19, 1926.

'TIP TOP

Particular description of goods.—Lawn Mowers

Claims use since Sept. 29, 1906.

Ser. No. 246,650. THE A. & J. MANUFACTURING CO., Binghamton, N. Y. Filed Mar. 31, 1927.

"HEXAGRA"

Particular description of goods.—Kitchen or Household Tools or Utensils—To Wit, Cake Turners, Spatulas, Potato Mashers, Knives, Ice Picks, Kitchen Forks, Apple Corers, Can Openers, Kitchen Trowels, Egg Beaters, and Various Types of Kitchen Spoons, Including Strainer Spoons, Batter Spoons, Basting Spoons, Stirring Spoons, and Mixing Spoons.

Claims use since Nov. 25, 1925.

Ser. No. 249,905. INTERNATIONAL FIRE EQUIPMENT CORPORATION, West New Brighton, N. Y. Filed June 2, 1927.



Applicant hereby disclaims the wording shown on the mark with the exception of "The Automatic Fireman on the Wall" and applicant's name, and further disclaims apart from the mark shown the representation of a fire extinguisher.

Particular description of goods.—Fire-Extinguishing Grenades and Supports Therefor.

Claims use since Apr. 1, 1927.

Ser. No. 251,163. THE BENNETT PUMPS CORPORATION, Muskegon, Mich. Filed June 27, 1927.

LUBRI-KIT

No claim is made to the exclusive use of the word "Kit" apart from the mark as shown.

Particular description of goods.—Combined Lubricant Tank and Nonmeasuring Pump.

Claims use since May 1, 1927.

Ser. No. 251,274. HUGO HERKENRATH, Merscheid, Germany. Filed June 29, 1927.

BEN HUR

Particular description of goods.—Table Knives and Forks of Base Metal, Pocketknives, Scissors, Kitchen Knives, Industrial and Artisans' Knives, Tongs, Chisels, Plane Irons, Saws, Files, Axes, Scythes, Sickles, Sabers, and Daggers.

Claims use since Apr. 1, 1927.

Ser. No. 251,347. HULDA KRUSIUS, doing business as Krusius Brothers; Hulda Krusius, executrix of the estate of Ewald Krusius, deceased, assignor to Henry Krusius, Weehawken, N. J. Filed June 30, 1927. Under 10-year proviso.

KB EXTRA

Particular description of goods.—Knives of Base Metal, Razors, and Scissors.

Claims use since 1889.

Ser. No. 251,522. THOMPSON PRODUCTS, INC., Cleveland, Ohio. Filed July 5, 1927.

CNS

Particular description of goods.—Pump Shafts and Poppet Valves for Internal-Combustion Engines.

Claims use since Sept. 29, 1925.

Ser. No. 251,561. KELLY AXE & TOOL CO., INC., Charleston, W. Va., and New York, N. Y. Filed July 6, 1927.



MARCA KELLY STANDARD

KELLY AXE & TOOL CO., NEW YORK U.S.A.

No registration rights are claimed for the words "Marca Kelly Standard" nor to the printed matter "Kelly Axe & Tool Co., New York, U. S. A." apart from the mark as shown in the drawing.

Particular description of goods.—Adzes, Axes, Bush Hooks, Grass Hooks, Grub Hoes, Hammers, Hatchets, Machetes, Mattocks, Picks, and Scythes.

Claims use since Mar. 21, 1927.

Ser. No. 252,333. F. KRAUSE & CO., INC., Jersey City, N. J. Filed July 20, 1927.

FORCIT

Particular description of goods.—Wire-Drawing Dies, Lathe Cutting Tools, and Rock Drills.

Claims use since May 1, 1927.

Ser. No. 252,498. BLACKHAWK MFG. CO., Milwaukee, Wis. Filed July 25, 1927.

BLACKHAWK

Particular description of goods.—Lifting Jacks.

Claims use since June 9, 1927.

Ser. No. 253,219. UTICA KNIFE AND RAZOR COMPANY, Utica, N. Y. Filed Aug. 8, 1927.

PAL

Particular description of goods.—Razor Blades, Hunting Knives, Pocketknives, Shears, and Scissors.

Claims use since January, 1924.

Ser. No. 253,292. SERVICE TOOL CORPORATION, Latrobe, Pa. Filed Aug. 10, 1927.

MORCUT

Particular description of goods.—Files.

Claims use since May 10, 1926.

Ser. No. 253,346. ALBAUGH-DOVER MFG. CO., Chicago, Ill. Filed Aug. 12, 1927.



Particular description of goods.—Cream Separators.

Claims use since Feb. 1, 1906.

CLASS 36.

MEASURING AND SCIENTIFIC APPLIANCES.

Ser. No. 242,068. THE RUNASCALE COMPANY, New York, N. Y. Filed Dec. 28, 1926.

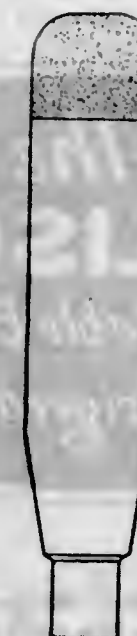
RUN A SCALE

Applicant disclaims exclusive right to the use of the word "Scale" apart from the mark shown in the drawing.

Particular description of goods.—Measuring Instruments for Measuring the Lines of Drawings Employing a Rotatable Member to be Moved Along the Lines to be Measured.

Claims use since Dec. 1, 1926.

Ser. No. 246,260. THE A. & J. MANUFACTURING CO., Binghamton, N. Y. Filed Mar. 24, 1927.



No claim is made herein to the representation of a handle per se. The mark consists in coloring the free ends of the handles of the tools and utensils gray, and the stippling in the drawing indicates the color gray.

Particular description of goods.—Kitchen and Household Tools or Utensils, To Wit: Measuring Spoons.

Claims use since Oct. 21, 1925.

Ser. No. 246,652. THE A. & J. MANUFACTURING CO., Binghamton, N. Y. Filed Mar. 31, 1927.

"HEXAGRA"

Particular description of goods.—Kitchen and Household Tools or Utensils, To Wit: Measuring Spoons.

Claims use since Nov. 25, 1925.

Ser. No. 250,697. KRUPPEL & ESSER COMPANY, Hoboken, N. J. Filed June 17, 1927. Under 10-year proviso.

COLUMBIA

Particular description of goods.—Blueprint Paper.

Claims use since Jan. 1, 1892.

Ser. No. 252,992. OTTO A. VELANDER, Chicago, Ill. Filed Aug. 3, 1927.



The lining upon the drawing illustrating the trade-mark is for shading purposes only.

Particular description of goods.—Spirit Levels.

Claims use since July 16, 1927.

CLASS 37.

HOROLOGICAL INSTRUMENTS.

Ser. No. 248,864. SANDVIK WATCH SPRING COMPANY INC., New York, N. Y. Filed May 11, 1927.



The lining in the drawing merely representing shading. *Particular description of goods.*—Mainsprings for Watches.

Claims use since Apr. 30, 1927.

Ser. No. 251,570. I. OLLENDORFF CO., INC., New York, N. Y. Filed July 6, 1927.



Particular description of goods.—Watches, Clocks and Their Cases and Movements.

Claims use since about May 26, 1927.

Ser. No. 251,718. HENRY DAVIDSON, New York, N. Y. Filed July 9, 1927.

HENDA

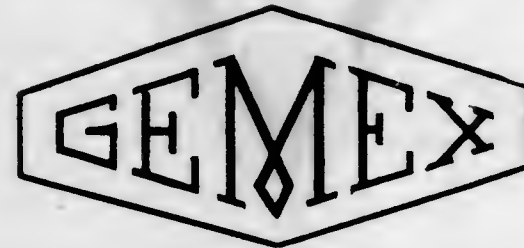
Particular description of goods.—Watches and Parts Thereof.

Claims use since Apr. 29, 1926.

CLASS 38.

JEWELRY AND PRECIOUS-METAL WARE.

Ser. No. 244,951. NEW JERSEY CHAIN CORPORATION, doing business as Gemex Company, Newark, N. J. Filed Feb. 26, 1927.



Particular description of goods.—Watch Straps and Bands, including Flixures; Neck and Watch Chains, Cuff Links, Bracelets, Scarf Pins, Finger Rings, Belt Buckles, Ear Ornaments, Hair Ornaments, and Religious Jewelry Comprising Catholic Medals, Rosaries, and Rosary Cases All Made of or Plated with Silver, Gold, or Platinum.
Claims use since May 14, 1921.

Ser. No. 250,422. SAMUEL SKOTNIK, doing business as Peerless Silver Company, Brooklyn, N. Y. Filed June 11, 1927.



Particular description of goods.—Salt and Pepper Shakers, Candlesticks, Bread Trays, Fruit Baskets, Bon-Bon Dishes, Sherbet Holders, Cake Baskets, Sandwich Trays, Ash Trays, Cigarette Cases, and Ladies' Compacts, All Made of or Plated With Precious Metal.
Claims use since about Jan. 1, 1920.

Ser. No. 253,000. ARMBRUST CHAIN COMPANY, Providence, R. I. Filed Aug. 4, 1927.

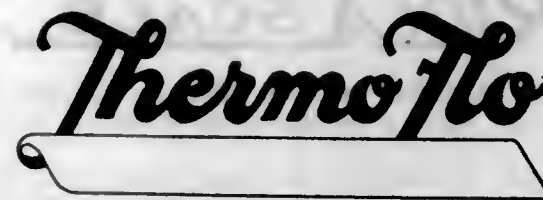


Particular description of goods.—Watch Chains, Neck Chains, Sautols, and Bracelets.
Claims use since on or about May 1, 1927.

CLASS 31.

FILTERS AND REFRIGERATORS.

Ser. No. 251,843. JOHN SCHROEDER LUMBER CO., Milwaukee, Wis. Filed June 30, 1927.



Particular description of goods.—Refrigerators.
Claims use since May 23, 1927.

Ser. No. 252,765. DOMESTIC ELECTRIC REFRIGERATOR CORPORATION, New York, N. Y. Filed July 30, 1927.



No claim is made to the words "Dependable Electric Refrigerator" apart from the mark shown.
Particular description of goods.—Electric Refrigerators.
Claims use since June 29, 1927.

CLASS 32.

FURNITURE AND UPHOLSTERY.

Ser. No. 239,692. GEORGE A. BARKER, Quogue, N. Y. Filed Nov. 5, 1926.



No claim is made to the exclusive use of the word "Product" apart from the mark as shown in the drawing.

Particular description of goods.—Pillows and Cushions.
Claims use since Oct. 18, 1926.

CLASS 33.

GLASSWARE.

Ser. No. 253,201. ROOT GLASS COMPANY, Terre Haute, Ind. Filed Aug. 8, 1927.



Particular description of goods.—Glass Bottles.
Claims use since Oct. 9, 1926.

CLASS 34.

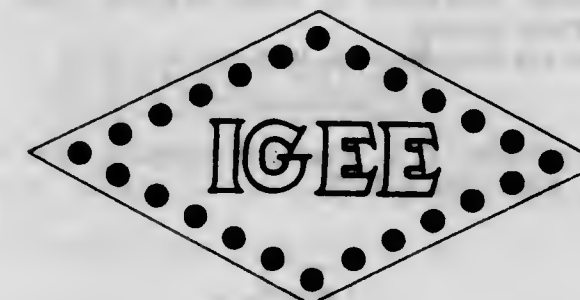
HEATING, LIGHTING, AND VENTILATING APPARATUS, NOT INCLUDING ELECTRICAL APPARATUS.

Ser. No. 239,035. W. H. JOHNSON & SON COMPANY, Indianapolis, Ind. Filed Oct. 22, 1926.



Particular description of goods.—Heating Radiator Shields and Enclosures.
Claims use since prior to Jan. 1, 1903.

Ser. No. 246,207. I. GREENBAUM & SONS CO. INC., New York, N. Y. Filed Mar. 23, 1927.



Particular description of goods.—Gas Heaters and Gas and Oil Water Heaters and Range Boilers.
Claims use since 1920.

Ser. No. 250,589. YORK HEATING & VENTILATING CORPORATION, Bridgeport and Philadelphia, Pa. Filed June 15, 1927.



No claim is made to the words "York Air Conditioning Unit" apart from the mark shown.

Particular description of goods.—Air-Conditioning Apparatus Comprising a Casing Having an Air Intake and

Spray Chambers Through Which the Air Passes in Contact with Regulated Water Spray and Fans for Discharging the Air at High Velocity.
Claims use since May 26, 1927.

CLASS 35.

BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.

Ser. No. 250,892. AMERICAN GEAR COMPANY, Jackson, Mich. Filed June 22, 1927.



The word "American" and the representation of the goods are claimed as a part of the registration sought only in association with the other features shown in the drawing.

Particular description of goods.—Brake Lining.
Claims use since May 6, 1927.

Ser. No. 251,757. GREENVILLE RUBBER COMPANY, Greenville, Ohio. Filed July 9, 1927.



No claim is made to the expression "It Holds" and the representation of a tire patch apart from the mark as shown.

Particular description of goods.—Tire Boots, Tire Patches, Rollers, and Repair Kits for Tires and Inner Tubes.

Claims use since June 1, 1927.

Ser. No. 252,774. HOOD RUBBER COMPANY, Watertown, Mass. Filed July 30, 1927.



Particular description of goods.—Pneumatic and Cushion Tires and Tubes.

Claims use since July 15, 1926.

CLASS 36.

MUSICAL INSTRUMENTS AND SUPPLIES.

Ser. No. 242,150. HENRY STADLMAN CO., INC., New York, N. Y. Filed Dec. 29, 1926.



The words "Hand-Made Reproduction" are disclaimed apart from the mark as shown. The name "Andreas Morelli" is fanciful and appears in the handwriting of Henry Schneider, an employee of the applicant.

Particular description of goods.—Violins, Violas, Violoncellos, and Double Basses.

Claims use since Aug. 28, 1926.

Ser. No. 246,033. THE LIFTON MFG. COMPANY, New York, N. Y. Filed Mar. 19, 1927.



Particular description of goods.—Talking Machines, Sound Boxes, Phonographs, and Talking-Machine Needles.

Claims use since Mar. 5, 1927.

Ser. No. 248,181. KRAUTH & BENNINGHOFFEN, Hamilton, Ohio. Filed Apr. 29, 1927.

LONE STAR

Particular description of goods.—Music Stand Used to Hold the Player's Sheet Music When in Use.

Claims use since Sept. 1, 1922.

Ser. No. 252,138. HARRY BETTONEY, doing business as Cundy-Bettoney Company, Boston, Mass. Filed July 14, 1927.



Particular description of goods.—Flutes, Piccolos, Oboes, Bassoons, Saxophones, Cornets, Trumpets, Trombones, Horns, and Basses.

Claims use since Jan. 1, 1927.

CLASS 37.

PAPER AND STATIONERY.

Ser. No. 235,673. BAEDER ADAMSON COMPANY, Boston, Mass. Filed Aug. 7, 1926.

BACO

Particular description of goods.—Rope Paper and Paper Useful for Making Paper Bags, for Wrapping Paper, and for Making Abrasive Paper.

Claims use since June 1, 1921.

Ser. No. 235,674. BAEDER ADAMSON COMPANY, Boston, Mass. Filed Aug. 7, 1926.

BACO

Particular description of goods.—Pattern Paper for Use in Stone Cutting.

Claims use since Mar. 26, 1924.

Ser. No. 250,276. L. E. WATERMAN COMPANY, New York, N. Y. Filed June 9, 1927.



No claim is made to the representation of the fountain pen. The mark consists of a band of pink color encircling the cap of the fountain pen.

Particular description of goods.—Fountain Pens.

Claims use since June 7, 1927.

Ser. No. 251,203. MORRIS D. POLLINGER, St. Louis, Mo. Filed June 27, 1927.

POLLY CLIP

The word "Clip" is disclaimed apart from the mark shown in the drawing.

Particular description of goods.—Metal Clip for the Purpose of Holding Price Tickets on Shoes, Boxes, Trays, and Glass Shelves.

Claims use since May, 1926.

Ser. No. 251,888. THE CENTRAL OHIO PAPER COMPANY, Columbus, Ohio. Filed July 12, 1927.



Particular description of goods.—Bond Paper, Book Paper, and Cardboards.

Claims use since June 1, 1927.

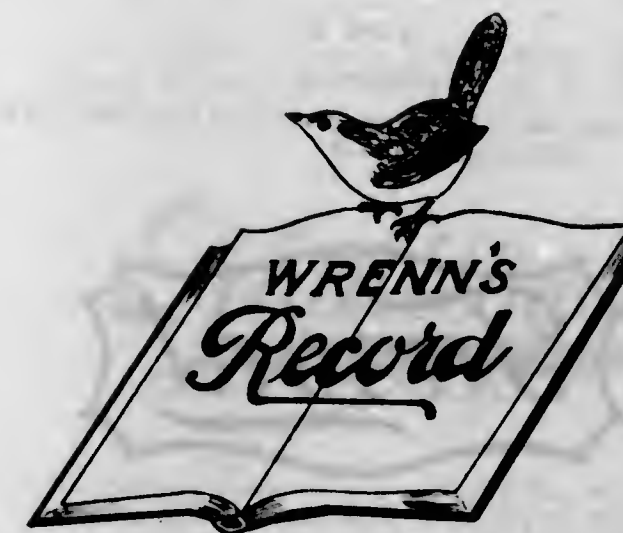
Ser. No. 252,130. UNION CARD & PAPER CO., New York, N. Y. Filed July 15, 1927.

LINOLYNE

Particular description of goods.—Bond Paper and Bristol Board.

Claims use since Sept. 1, 1907.

Ser. No. 252,752. THE WRENN PAPER COMPANY, Middletown, Ohio. Filed July 29, 1927.



Particular description of goods.—Blotting Paper.

Claims use since 1908.

Ser. No. 252,906. S. H. KRESS & Co., New York, N. Y. Filed Aug. 2, 1927.

KREKO

Particular description of goods.—Tablets, Papeteries, and Correspondence Envelopes.

Claims use since 1913.

CLASS 38.

PRINTS AND PUBLICATIONS.

Ser. No. 238,312. AXEL ENGE, Atlanta, Ga. Filed Oct. 8, 1926.

HAMM AND AIGS



Particular description of goods.—Daily Comic Strip in Newspapers and Periodicals.

Claims use since Jan. 1, 1918.

Ser. No. 240,709. MRS. JESSIE CARY GRANGE, Rochester, N. Y. Filed Nov. 29, 1926.

THE SQUIRMIES

Particular description of goods.—Printed Verses and Drawings.

Claims use since Feb. 13, 1927.

Ser. No. 242,562. ATLANTIC YELLOWSTONE PACIFIC HIGHWAY (INC.), Sioux Falls, S. Dak. Filed Jan. 10, 1927.



Particular description of goods.—Maps, Periodicals, and Folders Containing General Information.

Claims use since 1923.

Ser. No. 248,707. EDWARD A. MILLER, doing business as Edward A. Miller Publishing Company, New York, N. Y. Filed May 9, 1927.

Official
METROPOLITAN
GUIDE

Particular description of goods.—Weekly Publication.
Claims use since Jan. 19, 1919.

Ser. No. 249,803. JOHN LORNE PEPPER, Toronto, Ontario, Canada. Filed May 31, 1927.

TRACE-O-GRAPH

Particular description of goods.—Embossed Sheets for Aid in Practicing Penmanship and Drawing.
Claims use since Feb. 1, 1927.

Ser. No. 250,407. GARDEN CITY PUBLISHING COMPANY, INC., Garden City, N. Y. Filed June 11, 1927.

★
STAR DOLLAR BOOKS

No claim is made to either the word "Dollar" or the word "Books" apart from the mark shown.
Particular description of goods.—Books.
Claims use since Nov. 20, 1925.

Ser. No. 251,852. WALTER J. PATTERSON, Chicago, Ill. Filed July 11, 1927.

National Defense

Particular description of goods.—Monthly Magazines.
Claims use since Feb. 1, 1927.

Ser. No. 252,618. PRESS PUBLISHING COMPANY, New York, N. Y. Filed July 27, 1927.

LOOY DOT DOPE

Particular description of goods.—Comic Strip Published Daily Except Sunday in the Evening World Newspaper, Published by the Undersigned Corporation.
Claims use since Jan. 7, 1927.

Ser. No. 253,126. FAIRCHILD COMPANY, Chicago, Ill. Filed Aug. 5, 1927.

MAN
and his clothes

Particular description of goods.—Monthly Magazines.
Claims use since September, 1926.

Ser. No. 253,127. FAIRCHILD COMPANY, Chicago, Ill. Filed Aug. 5, 1927.

FAIRCHILD'S
INTERNATIONAL
MAGAZINE

Particular description of goods.—Monthly Magazine.
Claims use since August, 1925.

Ser. No. 253,209. EXPERIMENTER PUBLISHING COMPANY, New York, N. Y. Filed Aug. 8, 1927.

FRENCH HUMOR

Particular description of goods.—Magazine Published Weekly.
Claims use since July 1, 1927.

CLASS 39.
CLOTHING.

Ser. No. 201,903. PEERLESS SHIRT CO., INC., New York, N. Y. Filed Aug. 26, 1924.

Tassat

Particular description of goods.—Dress, Negligee, and Work Shirts and Knitted Undershirts.
Claims use since Nov. 1, 1923.

Ser. No. 227,478. SEXTON MFG. CO., Fairfield, Ill. Filed Feb. 18, 1926.

Pinehurst

Applicant disclaims the right to the exclusive use of the word "Pinehurst" except in the particular arrangement and association in which it appears with the rest of the mark.

Particular description of goods.—Men's Underwear and Night Wear—Namely, Union Suits, Drawers, Nightshirts, and Pyjamas Made of Woven Textiles.
Claims use since Jan. 30, 1926.

Ser. No. 237,601. EUREKA WOOLEN MILLS, Portland, Oreg. Filed Sept. 23, 1926.

EUREKA

Particular description of goods.—Clothing—Namely, Dress, Negligee, and Work Shirts, and Shawls.
Claims use since April, 1922.

Ser. No. 246,575. SOLOW SALES SYSTEM, INC., Buffalo, N. Y. Filed Mar. 29, 1927.

BLACK BOTTOM

Particular description of goods.—Men's Trousers and Cuffs for Trousers.
Claims use since Mar. 28, 1927.

Ser. No. 247,006. SAMUEL COHEN, doing business as Samuel Cohen & Co., New York, N. Y. Filed Apr. 6, 1927.

Natti Shade

No claim is made to the exclusive use of the word "Shade" apart from the mark as shown in the drawing.

Particular description of goods.—Men's Clothing—Viz, Suits Consisting of Coat, Vest, and Trousers of all Descriptions.

Claims use since about Jan. 6, 1927.

362 O. G.—32

Ser. No. 248,203. STUDENTS TWO-PANTS CLOTHING COMPANY, INC., New York, N. Y. Filed Apr. 29, 1927.

BROADWAY
CLOTHES

No rights are asserted to the exclusive use of the word "Clothes" apart from the mark as shown in the drawing.
Particular description of goods.—Men's, Boys' and Youths' Coats, Suits, Vests, and Trousers.
Claims use since July, 1926.

Ser. No. 248,406. GOODMAN, COHEN & Co., New York, N. Y. Filed May 4, 1927.

Abbey Square
GOOD CO.

Particular description of goods.—Dress and Negligee Shirts.
Claims use since Mar. 15, 1927.

Ser. No. 248,743. DOROTHY BICKUM, New York, N. Y. Filed May 10, 1927.

TopPie

Particular description of goods.—Undergarments for Misses and Women—Namely, a Fitted Underwaist.
Claims use since Mar. 15, 1927.

Ser. No. 249,001. GOLDSTEIN BROS. & BROWN, New York, N. Y. Filed May 14, 1927.



Applicants disclaim the right to the exclusive use of the words "Clothes," "Custom Made," and "New York," except in conjunction with our trade-mark.

Particular description of goods.—Men's Suits, Overcoats, and Topcoats.

Claims use since Jan. 15, 1927.

Ser. No. 249,015. I. MINTZER & CO., INC., New York, N. Y. Filed May 14, 1927.



The right to the exclusive use of the words: "Clothes, Tailored By, Paris 100-104 Stanton St., N. Y.," is disclaimed.

Particular description of goods.—Boys', Young Men's and Men's Suits, Topcoats, and Overcoats.

Claims use since Jan. 10, 1927.

Ser. No. 249,024. LENNY ROSENZWEIG & IRVING WEINBERG DRESS CO., INC., New York, N. Y. Filed May 14, 1927.



The words "Women's Dresses" are disclaimed apart from the mark shown in the drawing.

Particular description of goods.—Ladies' Dresses.

Claims use since Feb. 1, 1927.

Ser. No. 249,031. HARRY ZIMET & CO., INC., New York, N. Y. Filed May 14, 1927.

KIPPY KOATS

The word "Koats" is disclaimed.

Particular description of goods.—Ladies', Women's, and Children's Coats Made of Cotton and Woolen Fabrics not Including Waterproof Coats.

Claims use since May 2, 1927.

Ser. No. 249,162. DAVID D. DONIGER & CO., New York, N. Y. Filed May 18, 1927.



Particular description of goods.—Sportwear—Viz. Sweaters, Hose, and Knitted Jackets for Boys.

Claims use since Apr. 1, 1927.

Ser. No. 249,270. MAURICE EPSTEIN, doing business as The Midwest Cap Works, Denver, Colo. Filed May 20, 1927.

Imperial

Particular description of goods.—Men's Hats and Caps

Claims use since about Mar. 1, 1918.

Ser. No. 249,331. CONSOLIDATED MILLINERY COMPANY, Chicago, Ill. Filed May 21, 1927.

Collegá

Particular description of goods.—Ladies' and Misses' Hats.

Claims use since May 6, 1927.

Ser. No. 249,338. CONSOLIDATED MILLINERY COMPANY, Chicago, Ill. Filed May 21, 1927.

Germaine

Particular description of goods.—Ladies' and Misses' Hats.

Claims use since May 10, 1927.

Ser. No. 250,239. BENJAMIN HEIDT & CO. INC., New York, N. Y. Filed June 9, 1927.

Wee Heidt

Exclusive use of the surname "Heidt" is disclaimed apart from the mark shown in the drawing.

Particular description of goods.—Ladies' and Misses' Outer Garments—Namely, Coats, Suits, Skirts, and Jackets.

Claims use since Feb. 1, 1927.

Ser. No. 250,316. MURRAY-DIBRELL SHOE COMPANY, Nashville, Tenn. Filed June 10, 1927.

HIPPOTAMUS

Applicant owns registration Nos. 43,020 and 47,429.

Particular description of goods.—Leather Shoes.

Claims use since May 19, 1903.

Ser. No. 250,866. SUBIN BROTHERS, Philadelphia, Pa. Filed June 21, 1927.



SWANSILK

Particular description of goods.—Silk Hosiery.

Claims use since June 9, 1927.

Ser. No. 250,899. THE BRINGARDNER SHOE COMPANY, INC., Logan, Ohio. Filed June 22, 1927.



No claim is made to the words "Vogue," "Footwear," and "For" apart from the mark shown in the drawing.

Particular description of goods.—Shoes of Satin, Velvet, and the White-Cloth Type, as Well as Shoes Constructed Entirely of Leather.

Claims use since Oct. 1, 1926.

Ser. No. 250,900. THE BRINGARDNER SHOE COMPANY, INC., Logan, Ohio. Filed June 22, 1927.



No claim is made to the words "Youthful" and "Styles" apart from the mark shown in the drawing.

Particular description of goods.—Shoes of the Satin, Velvet, and White-Cloth Type, as Well as Shoes Constructed Entirely of Leather.

Claims use since Nov. 1, 1926.

Ser. No. 251,129. C. P. FORD & CO., INCORPORATED, Rochester, N. Y. Filed June 25, 1927.

ADJUSTIK

Particular description of goods.—Shoes of Leather or Combinations of Leather and Rubber or Combinations of Fabric and Leather.

Claims use since October, 1926.

Ser. No. 251,225. LEO GLASER, New York, N. Y. Filed June 28, 1927.



The lining on the drawing is for the purpose of shading only. Applicant disclaims the right to the exclusive use of the words "Clothes, Style & Quality" except in conjunction with said trade-mark.

Particular description of goods.—Boys' and Young Men's Suits, Overcoats, Topcoats, and Trousers.

Claims use since Apr. 10, 1927.

Ser. No. 251,226. GOLO SLIPPER CO., New York, N. Y. Filed June 28, 1927.

CHANTECLAIR

Particular description of goods.—Ladies' Leather and Fabric Shoes.
Claims use since May 19, 1927.

Ser. No. 251,406. MAID-RITE CORPORATION, Brooklyn, N. Y. Filed July 1, 1927.

INTERLOCK

Particular description of goods.—Slippers and Shoes Made of Leather or of Combinations of Leather and Textile Materials.
Claims use since on or about Feb. 1, 1926.

Ser. No. 251,410. PIKES HIKEs, INC., Chicago, Ill. Filed July 1, 1927.



Particular description of goods.—Leather Shoes.
Claims use since June 1, 1927.

Ser. No. 251,419. SWEET-ORR & CO., INC., Wappingers Falls and New York, N. Y. Filed July 1, 1927.

MACK-N-ORR

Particular description of goods.—Coats, Breeches, and Pants for Men, Women, Boys, and Girls.
Claims use since on or about June 20, 1927.

Ser. No. 251,847. S. LIEBOVITZ & SONS, INC., New York, N. Y. Filed July 11, 1927.



Particular description of goods.—Men's, Women's, Youths', and Boys' Sport Jackets and Weatherproof Jackets.
Claims use since June 29, 1927.

Ser. No. 251,936. CHAS. A. STEVENS & BROS., Chicago, Ill. Filed July 12, 1927.

BOULEVARD FROCKS

No claim is made to the word "Frocks" apart from the mark as shown on the drawing.
Particular description of goods.—Ladies' Dresses.
Claims use since June 20, 1927.

Ser. No. 252,337. LICHTENSTEIN & LIEBERMAN, INC., New York, N. Y. Filed July 20, 1927.



No claim is made to the words "Model," "Paris," and "New York" apart from the mark shown in the drawing.
Particular description of goods.—Women's and Children's Hats.
Claims use since February, 1927.

Ser. No. 252,473. THE MATUSOW MANUFACTURING COMPANY, Philadelphia, Pa. Filed July 23, 1927.

TURNOVA

Particular description of goods.—Men's, Women's, and Children's Suits and Topcoats and Women's and Children's Dresses and Skirts.
Claims use since May 1, 1927.

Ser. No. 252,490. WRENSCH, RUHE & HETTRICK CO., Milwaukee, Wis. Filed July 23, 1927.



Particular description of goods.—Hats.
Claims use since June 22, 1927.

Ser. No. 252,507. AL HARRIS, New York, N. Y. Filed July 25, 1927.

E-Z MAIDE GOWNS

No claim is made to exclusive use of the word "Gowns" except in conjunction with the trade-mark.
Particular description of goods.—Semimade Ladies' Dresses, Frocks, and Gowns.
Claims use since Feb. 1, 1927.

Ser. No. 252,534. JULIUS TOPIAS & BRO., Boston, Mass. Filed July 25, 1927.



Exclusive right to the use of the words "Hats for Misses" is hereby disclaimed.
Particular description of goods.—Hats for Misses.
Claims use since about January, 1923.

Ser. No. 252,653. E. H. HORWOOD & CO., Hoboken, N. J., and New York, N. Y. Filed July 28, 1927.



Particular description of goods.—Infants' and Children's Nightgowns.
Claims use since as early as July 23, 1924.

Ser. No. 252,657. THE LACKAWANNA MILLS, Scranton, Pa. Filed July 28, 1927.



Particular description of goods.—Underwear—To Wit, Undershirts, Pants, and Union Suits for Boys and Girls; Undershirts, Bands, and Wrappers for Babies; All Made of Knitted Material.
Claims use since about 1917.

Ser. No. 252,703. THE GRANITE CLOTHING MFG. CO., Columbus, Ohio. Filed July 29, 1927.



Particular description of goods.—Men's, Boys', and Youths' One, Two, and Three Piece Suits; Men's, Boys', and Youths' Pants; Men's, Boys', and Youths' Overcoats; Men's Wool and Cotton Work and Negligee Shirts, and Men's and Boys' Caps.
Claims use since July 29, 1925.

Ser. No. 252,709. E. H. HORWOOD & CO., Hoboken, N. J., and New York, N. Y. Filed July 29, 1927.



Particular description of goods.—Pyjamas.
Claims use since as early as July 23, 1924.

CLASS 41.

CANES, PARASOLS, AND UMBRELLAS.

Ser. No. 233,086. LA SOCIÉTÉ INDUSTRIELLE DES MATIÈRES PLASTIQUES, Paris, France. Filed June 11, 1926.



Particular description of goods.—Handles for Canes, Parasols, and Umbrellas.
Claims use since about December, 1925.

CLASS 42.

KNITTED, NETTED, AND TEXTILE FABRICS.

Ser. No. 241,464. ANDREW'S MILL CO., Andrew's Village, Woonsocket, R. I. Filed Dec. 14, 1926.



No claim is made to the exclusive right to use the word "Sheen" per se apart from the mark as shown in the drawing.

Particular description of goods.—Worsted Dress Goods in the Piece.
Claims use since January, 1924.

Ser. No. 242,124. THE GREEN-HAAS-SCHWARTZ COMPANY, Cleveland, Ohio. Filed Dec. 29, 1926.



No claim is made to the word "Fast" apart from the mark as shown.

Particular description of goods.—Knitted Fabrics of Worsted, Worsted with Cotton, and Worsted with Cotton and Silk.
Claims use since Oct. 1, 1926.

Ser. No. 247,262. CHOPAK TEXTILE CO., INC., New York, N. Y. Filed Apr. 11, 1927.

TROISSETTE

Particular description of goods.—Knitted Silk Goods in the Piece.

Claims use since Sept. 15, 1925.

Ser. No. 250,671. THE ASPINOOK CO., Jewett City, Conn. Filed June 17, 1927.

PERMA TEX

Particular description of goods.—Cotton Piece Goods.

Claims use since May 18, 1927.

Ser. No. 251,407. I. MITTELMAN & CO. INC., New York, N. Y. Filed July 1, 1927.

Wulromaine

Particular description of goods.—Wool and Cotton Piece Goods.

Claims use since June 15, 1927.

Ser. No. 251,533. FRED S. BENNETT, INC., New York, N. Y. Filed July 6, 1927.

LUMBAJAK

Particular description of goods.—Cotton Piece Goods.

Claims use since Jan. 7, 1927.

Ser. No. 252,487. THERMO MILLS, INC., Hudson, N. Y. Filed July 23, 1927.

Thermo

Particular description of goods.—Knitted, Netted, and Textile Fabrics of Silk, Artificial Silk, Cotton, Wool, and Combinations Thereof.

Claims use since 1915 on woolen goods, and on silk, artificial silk, cotton, wool, and combinations thereof since May 10, 1927.

Ser. No. 252,797. SHERMAN & SONS COMPANY, New York, N. Y. Filed July 30, 1927.

PLAYBOY

Particular description of goods.—Cotton Goods in the Piece, Both Plain and in Colors.

Claims use since July 19, 1927.

Ser. No. 253,095. INTERNATIONAL WORSTED MILLS, Methuen, Mass., and New York, N. Y. Filed Aug. 5, 1927.

BRIER-TWIST



No claim is made to the word "Twist" apart from the mark shown in the drawing.

Particular description of goods.—Worsted Goods in the Piece.

Claims use since about June 1, 1925.

Ser. No. 253,268. CHENEY BROTHERS, South Manchester, Conn. Filed Aug. 10, 1927.

Valmerry

Particular description of goods.—Woven, Knitted, Netted, Textile, and Pile Fabrics in the Piece Comprised in Whole or in Part of Silk.

Claims use since Aug. 5, 1927.

CLASS 43.

THREAD AND YARN.

Ser. No. 252,432. THE INDUSTRIAL FIBRE COMPANY, INC., Cleveland, Ohio. Filed July 22, 1927.

RAYON DE LUXE

The word "Rayon" is hereby expressly disclaimed apart from the mark as shown.

Particular description of goods.—Yarn.

Claims use since May 26, 1927.

CLASS 44.

DENTAL, MEDICAL, AND SURGICAL APPLIANCES.

Ser. No. 236,006. THE COLUMBUS DENTAL MANUFACTURING Co., Columbus, Ohio. Filed Aug. 16, 1926.

STEELE'S RUGAPAKS

No claim is made to the word "Steele's" apart from the mark as shown in the drawing.

Particular description of goods.—Rugæ Molds.

Claims use since Oct. 31, 1914.

Ser. No. 243,022. JULIUS SCHMID, INC., New York, N. Y. Filed Jan. 18, 1927.

SANTRO

The words "Black Band" are lined to indicate a green color upon a black background and the word "Santro" appears upon a yellow background.

Particular description of goods.—Nipples.

Claims use since September, 1926.

Ser. No. 248,881. DELETTREZ OF FRANCE, INC., New York, N. Y. Filed May 12, 1927.

Delettrez

Particular description of goods.—Perfume Atomizers, Bandages, Absorbent Cotton, Surgical Gauze, Sanitary Absorbent Pads, Electric Depilatories, Electric Massage Vibrators, Massaging Devices, Eye Shades, Skin-Treating Appliances, First-Aid Kits of Medical Supplies and Surgical Supplies, Manicure Sets, Nail-Polishing Cloths, Medical Lamps, Surgical Lamps, Violet-Ray Apparatus, X-Ray Apparatus; Supplies, Materials, and Accessories, Such Supplies, Materials, and Accessories Being Used Primarily or Solely for Medical and Surgical Purposes.

Claims use since May 3, 1927.

Ser. No. 250,699. LESQUENDIEU, INCORPORATED, New York, N. Y. Filed June 17, 1927.

MIRETT

Particular description of goods.—Eyelash Support for Toilet Purposes.

Claims use since Oct. 14, 1926.

Ser. No. 251,916. LES ETABLISSEMENTS POULENC FRÈRES, Paris, France. Filed July 12, 1927.

CIDENTA

Particular description of goods.—Dentary Cement.

Claims use since Feb. 28, 1927.

Ser. No. 252,112. SANITAX ELECTRIC CO., New York, N. Y. Filed July 15, 1927.



Applicant disclaims the representation of the goods apart from the mark as shown on the drawing.

Particular description of goods.—Electric Hair Drier.

Claims use since Mar. 8, 1927.

Ser. No. 252,830. LEVI L. GILBERT, doing business as Em-Dee Supply Company, Muskegon, Mich. Filed Aug. 1, 1927.

EM-DEE

Particular description of goods.—Surgical Pads, Surgical Mattresses, Surgical Sheets, Surgical Beds, and Maternity Packs.

Claims use since Feb. 1, 1927.

Ser. No. 253,109. JULIUS PENSAC, doing business as Dr. Pensac's Hygienic Laboratories, Brooklyn, N. Y. Filed Aug. 5, 1927.

Loselly

Particular description of goods.—Hygienic Napkins.

Claims use since July 9, 1927.

CLASS 46.

FOODS AND INGREDIENTS OF FOODS.

Ser. No. 235,671. BAEDER ADAMSON COMPANY, Boston, Mass. Filed Aug. 7, 1926.

BACO

Particular description of goods.—Gelatine.

Claims use since May 12, 1926.

Ser. No. 237,566. AD. SEIDEL & SONS, Chicago, Ill.
Filed Sept. 22, 1926.

PURITAN

Particular description of goods.—Cake Mixes, a Flour-like Mixture Containing Flour and Other Ingredients Ready Mixed for Making Cakes.
Claims use since June, 1926.

Ser. No. 241,411. L. GIORGETTI & Co., Minkler, Calif.
Filed Dec. 13, 1926.

Gondolier

Particular description of goods.—Fresh Deciduous Fruits.
Claims use since Sept. 1, 1922.

Ser. No. 241,958. PIONEER FOOD PRODUCTS CO., Newark, N. J. Filed Dec. 24, 1926.

FAIR MAID

Particular description of goods.—Canned Meats, Particularly Roast Mutton, Roast Beef, Stewed Kidneys, Solid Oxtails, Beefsteak and Onions, Corned Beef, Sausage Meat, Vienna-Style Sausage, Tripe, Potted Meat, Corn Beef Hash, Minced Collops, Country-Style Sausage, Oxford Sausage, Veal Loaf.
Claims use since Dec. 15, 1926.

Ser. No. 244,904. HENRY J. WHITE, New York, N. Y.
Filed Feb. 25, 1927.

-EEZ-U-

Particular description of goods.—Wheat Flour Having Medicinal Properties.
Claims use since Mar. 20, 1926.

Ser. No. 246,756. KAUAI FRUIT & LAND CO., LTD., Honolulu, Territory of Hawaii. Filed Apr. 1, 1927.

FLOWER OF HAWAII



Particular description of goods.—Canned Pineapple.
Claims use since July 1, 1926.

Ser. No. 250,225. CALIFORNIA GRAPE PRODUCTS CO., Ukiah, Calif., and New York, N. Y. Filed June 9, 1927.

DIAVOLO

Particular description of goods.—Fresh Grapes Preserved in Sulphur Dioxide.
Claims use since May 19, 1927.

Ser. No. 250,226. CALIFORNIA GRAPE PRODUCTS CO., Ukiah, Calif., and New York, N. Y. Filed June 9, 1927.

BUTTA FUOCO

Particular description of goods.—Fresh Grapes Preserved in Sulphur Dioxide.
Claims use since May 19, 1927.

Ser. No. 250,351. BEMENT & SEITZ COMPANY, Evansville, Ind. Filed June 11, 1927.

Sunset Park

Particular description of goods.—Canned Fruits, Vegetables, and Shellfish; Table Syrups, Tea, Coffee, Breakfast Cereals, Honey, Jellies, Fruit Preserves, Pickles, Spices, Vinegar, and Canned Soups.
Claims use since Jan. 1, 1923.

Ser. No. 250,788. WILLIAM T. CLARK, Jacksonville, Fla.
Filed June 20, 1927.



"Sixty Second Service"

All wording on drawing is disclaimed apart from the other features of the mark shown.

Particular description of goods.—Already-Prepared Sandwich.
Claims use since July 1, 1925.

Ser. No. 250,933. PACIFIC EGG PRODUCERS CO-OPERATIVE, INC., New York, N. Y. Filed June 22, 1927.



No claim is made to the wording "Pacific Egg Producers Co-Operative Inc." apart from the mark as shown.
Particular description of goods.—Eggs.
Claims use since Mar. 1, 1926.

Ser. No. 251,008. NEW YORK PIE BAKING COMPANY, New York, N. Y. Filed June 23, 1927.

W Y P C O

Particular description of goods.—Pies, Cookies, and Cakes.
Claims use since Feb. 1, 1927.

Ser. No. 252,093. DONAT DUPONT, executor of the estate of Philippe Dupont, Auburn, Me. Filed July 15, 1927.



The words "French Bread" and the words "Made by Dupont's Bakery, Auburn, Maine" are hereby disclaimed apart from the mark as shown in the drawing.

Particular description of goods.—Bread.
Claims use since Feb. 1, 1915.

Ser. No. 252,202. FRANK HEWITT, doing business as Frank Hewitt & Co., New York, N. Y. Filed July 18, 1927.

Best Hand

Particular description of goods.—Fresh Deciduous Grapes and Fresh Grapes.
Claims use since June 16, 1927.

Ser. No. 252,225. SMART & FINAL CO., Wilmington, Calif.
Filed July 18, 1927.

S & F

Particular description of goods.—Canned Fruits, Canned Vegetables, Canned Fish, Canned Fruits for Salad, Fruit Preserves, and Canned Hominy.
Claims use since Apr. 4, 1927.

Ser. No. 252,383. HANSEN PACKING COMPANY, Butte, Mont. Filed July 21, 1927.

VITAMONT

The color lining shown in the drawing is for shading purposes only, as the trade-mark does not include the coloring.

Particular description of goods.—Hog Food and Chicken Food.
Claims use since Dec. 16, 1926.

Ser. No. 252,735. SCHWABACHER BROS. & Co., Inc., Seattle, Wash. Filed July 29, 1927.

SILVER SHIELD

Particular description of goods.—Dried Fruits.
Claims use since Jan. 1, 1895.

Ser. No. 253,034. MERRILL-SOULE COMPANY, Syracuse, N. Y. Filed Aug. 4, 1927.

NONE SUCH

Particular description of goods.—Lemon-Pie Filling.
Claims use since July 25, 1927.

Ser. No. 253,085. MILTON CHRISTIS, Frederick, Md.
Filed Aug. 5, 1927.



The portrait is that of Francis Scott Key, deceased, American poet and author of the Star-Spangled Banner. No claim is made to the words "Chocolate and Bonbons, Frederick, Maryland," apart from the mark as shown.

Particular description of goods.—Chocolate Candy.
Claims use since July 1, 1927.

Ser. No. 253,303. MAX J. FROEHNERT, doing business as M. J. Froehnert, Lodi, Calif. Filed Aug. 11, 1927.

RED-LURE

Particular description of goods.—Fresh Grapes and Fresh Cherries.
Claims use since Mar. 25, 1927.

Ser. No. 253,403. THE WICHITA FLOUR MILLS COMPANY, Wichita, Kans. Filed Aug. 12, 1927.

VOLUME

Particular description of goods.—Wheat Flour.
Claims use since May 7, 1927.

Ser. No. 253,426. MOLONY & CARTER COMPANY, Charleston, S. C. Filed Aug. 13, 1927.

PIEDMONT

Particular description of goods.—Poultry Feeds.
Claims use since July 1, 1925.

Ser. No. 253,433. MOLONY & CARTER COMPANY, Charleston, S. C. Filed Aug. 13, 1927.

RED SHIRT

Particular description of goods.—Horse and Mule Feeds, and Poultry Feeds.
Claims use since July 1, 1925.

Ser. No. 253,434. MOLONY & CARTER COMPANY, Charleston, S. C. Filed Aug. 13, 1927.

SWAMP FOX

Particular description of goods.—Horse and Mule Feeds.
Claims use since July 1, 1925.

Ser. No. 253,488. WILLIAMSON CANDY COMPANY, Chicago, Ill. Filed Aug. 15, 1927.



Particular description of goods.—Candy Confection.
Claims use since June 2, 1927.

CLASS 50.

MERCHANDISE NOT OTHERWISE CLASSIFIED.

Ser. No. 246,262. ARTALIN MANUFACTURING COMPANY, Trenton, N. J. Filed Mar. 24, 1927.

Artalin

Particular description of goods.—Battleship Linoleum, Desk Pads, Desk Tops, Table Tops, and Counter Tops in the Nature of Linoleum Pads Used to Protect the Actual Woodwork and Not Permanent Parts of the Furniture.
Claims use since Feb. 1, 1927.

Ser. No. 247,569. ROGER ALLEN POWELL, Little Rock, Ark. Filed Apr. 16, 1927.

KOLD-KLOTH

No claim is made to the word "Kloth" apart from the mark as shown.

Particular description of goods.—Ice-Saving Device or Blanket.

Claims use since Apr. 11, 1921.

Ser. No. 249,412. FRITCHIE HOME COMPANY, Frederick, Md. Filed May 23, 1927.

Barbara Fritchie

Particular description of goods.—Souvenirs Comprising Statuettes, Flags, and Pennants.

Claims use since May 9, 1927.

Ser. No. 250,662. RUBY WOODWARD, Oklahoma City, Okla. Filed June 16, 1927.

HELENS HANGERS ★

No claim is made to the use of the word "Hangers" aside from the trade-mark shown.

Particular description of goods.—Cloth Covered Hangers for Dresses, Coats, Wraps, and Suits.

Claims use since Feb. 1, 1927.

TRADE-MARK REGISTRATIONS GRANTED

[ACT OF FEBRUARY 20, 1905.]

SEPTEMBER 20, 1927.

232,817. LEAD PENCILS. EBERHARD FABER PENCIL COMPANY, Brooklyn, N. Y.

Filed May 26, 1927. Serial No. 249,577. PUBLISHED JULY 12, 1927. Class 37.

232,818. WATERPROOF WOOD CEMENT. NELS A. ANDERSON, Tacoma, Wash.

Filed May 26, 1927. Serial No. 249,563. PUBLISHED JULY 12, 1927. Class 5.

232,819. FRESH FRUITS AND VEGETABLES. TAMARACK RANCH, Imperial County, Calif.

Filed May 25, 1927. Serial No. 249,552. PUBLISHED JULY 12, 1927. Class 46.

232,820. WHEAT FLOUR. VIGNES-BOMBET GROCER CO. INC., Baton Rouge, La.

Filed May 21, 1927. Serial No. 249,894. PUBLISHED JULY 12, 1927. Class 46.

232,821. CHOCOLATE CANDY BAR. TWO-FIFTY SWEETS CO., Haverhill, Mass.

Filed May 20, 1927. Serial No. 249,306. PUBLISHED JULY 12, 1927. Class 46.

232,822. BUTTS. THE STANLEY WORKS, New Britain, Conn.

Filed May 20, 1927. Serial No. 249,303. PUBLISHED JULY 12, 1927. Class 13.

232,823. TRAFFIC-SIGNAL-VIEWING DEVICES. THE MOONBEAM MANUFACTURING COMPANY, Cleveland, Ohio.

Filed May 20, 1927. Serial No. 249,285. PUBLISHED JULY 12, 1927. Class 28.

232,824. LEAD PENCILS. EAGLE PENCIL COMPANY, New York, N. Y.

Filed May 20, 1927. Serial No. 249,267. PUBLISHED JULY 12, 1927. Class 37.

232,825. SUSPENSORY BANDAGES. JOHNSON & JOHNSON, New Brunswick, N. J.

Filed May 19, 1927. Serial No. 249,228. PUBLISHED JULY 12, 1927. Class 44.

232,826. THINNER FOR LACQUER. JACOB C. SWIMMER, doing business as Standard Solvents Company, Brooklyn, N. Y.

Filed May 18, 1927. Serial No. 249,204. PUBLISHED JULY 12, 1927. Class 16.

232,827. PREPARATION FOR ADDING TO INKS TO OBTAIN CERTAIN LITHOGRAPHY RESULTS. H. LANSCH, INC., New York, N. Y.

Filed May 18, 1927. Serial No. 249,183. PUBLISHED JULY 12, 1927. Class 11.

232,828. VARNISH. MINNESOTA LINSEED OIL PAINT CO., Minneapolis, Minn.

Filed May 16, 1927. Serial No. 249,085. PUBLISHED JULY 12, 1927. Class 16.

232,829. VARNISH. MINNESOTA LINSEED OIL PAINT CO., Minneapolis, Minn.

Filed May 16, 1927. Serial No. 249,083. PUBLISHED JULY 12, 1927. Class 16.

232,830. VARNISH. MINNESOTA LINSEED OIL PAINT CO., Minneapolis, Minn.

Filed May 16, 1927. Serial No. 249,081. PUBLISHED JULY 12, 1927. Class 16.

232,831. SAUSAGES. FEINBERG KOSHER SAUSAGE COMPANY, Minneapolis, Minn.

Filed May 16, 1927. Serial No. 249,050. PUBLISHED JULY 12, 1927. Class 46.

232,832. BUSINESS RECORD BOOKS. DANIEL J. MONTAMBO, doing business as The Universal Accounting Company, Iron River, Mich.

Filed May 14, 1927. Serial No. 249,016. PUBLISHED JULY 12, 1927. Class 37.

232,833. SOAP. G. H. HAMMOND COMPANY, Chicago, Ill.

Filed May 14, 1927. Serial No. 249,005. PUBLISHED JULY 12, 1927. Class 4.

232,834. ELECTRICALLY-HEATED VAPOR INHALERS. HARRY A. CHOUINARD, doing business as Maco Manufacturing Co., Maywood, Ill.

Filed May 12, 1927. Serial No. 248,878. PUBLISHED JULY 12, 1927. Class 44.

232,835. PASTE WHITE PAINT. McDOUGALL-BUTLER CO., Inc., Buffalo, N. Y.

Filed May 11, 1927. Serial No. 248,853. PUBLISHED JULY 12, 1927. Class 16.

232,836. CANNED FRUITS, CANNED VEGETABLES, FRUIT PRESERVES, BOTTLED OLIVES, AND BOTTLED CHERRIES. F. LAIFER & SONS, New York, N. Y.

Filed May 11, 1927. Serial No. 248,848. PUBLISHED JULY 12, 1927. Class 46.

232,837. WHEAT AND CORN FLOUR AND CORN MEAL. THE QUAKER OATS COMPANY, Chicago, Ill.

Filed May 9, 1927. Serial No. 248,726. PUBLISHED JULY 12, 1927. Class 46.

232,838. MACARONI. THE QUAKER OATS COMPANY, Chicago, Ill.

Filed May 9, 1927. Serial No. 248,725. PUBLISHED JULY 12, 1927. Class 46.

232,839. EGGS. W. S. NORDBURG, Chicago, Ill.

Filed May 7, 1927. Serial No. 248,646. PUBLISHED JULY 12, 1927. Class 46.

232,840. MOTOR BUSES AND MOTOR TRUCKS. GRAMM MOTORS, INC., Lima, Ohio.

Filed May 7, 1927. Serial No. 248,634. PUBLISHED JULY 12, 1927. Class 19.

232,841. HONEY. CHARLES B. JUSTICE & CO., San Diego, Calif.

Filed May 6, 1927. Serial No. 248,572. PUBLISHED JULY 12, 1927. Class 46.

232,842. DRESSED POULTRY. DAVIS-CLEAVER PRODUCE CO., Quincy, Ill.

Filed May 6, 1927. Serial No. 248,557. PUBLISHED JULY 12, 1927. Class 46.

232,843. ALL KINDS OF WRITING AND PRINTING PAPER. STRATHMORE PAPER COMPANY, Miltineague, Mass.

Filed May 4, 1927. Serial No. 248,452. PUBLISHED JULY 12, 1927. Class 37.

232,844. CLEANSING FLUID FOR TEXTILES AND FABRICS. JOE W. MINGUS, doing business as One-2-Three Products Co., Los Angeles, Calif.

Filed May 4, 1927. Serial No. 248,421. PUBLISHED JULY 12, 1927. Class 4.

232,845. POLISHING AND CLEANING COMPOUNDS IN THE NATURE OF AUTOMOBILE AND FURNITURE POLISH. SAGE OAK LABORATORIES, INC., Rawlins, Wyo.

Filed May 2, 1927. Serial No. 248,326. PUBLISHED JULY 12, 1927. Class 10.

- 232,846. FIBROUS PAPER USED FOR SHIPPING CASES. RIVER RAISIN PAPER COMPANY, Monroe, Mich.
Filed April 30, 1927. Serial No. 248,256. PUBLISHED JULY 12, 1927. Class 37.
- 232,847. CAKE MIXTURE. THE C. M. PITT & SONS COMPANY, Baltimore, Md.
Filed April 30, 1927. Serial No. 248,251. PUBLISHED JULY 5, 1927. Class 46.
- 232,848. BOOK PAPER, COVER PAPER, BRISTOL CARDBOARD, BLANK POST CARDS, BONDS, WRITINGS, LEDGERS, AND PAPER INTENDED FOR MAKING ENVELOPES. BUTLER PAPER CORPORATION, Chicago, Ill.
Filed April 29, 1927. Serial No. 248,152. PUBLISHED JULY 12, 1927. Class 37.
- 232,849. CREAM TO BE USED ON BARBERS' STROPS TO SHARPEN THE RAZOR. GAETANO ROCCO CARRIERO, New York, N. Y.
Filed April 28, 1927. Serial No. 248,086. PUBLISHED JULY 12, 1927. Class 4.
- 232,850. GLOBE VALVES, ANGLE VALVES, CROSS STOP VALVES, CHECK VALVES, AND Y VALVES OF IRON AND BRASS AND VALVE DISKS. THE D. T. WILLIAMS VALVE COMPANY, Cincinnati, Ohio.
Filed April 27, 1927. Serial No. 248,074. PUBLISHED JULY 12, 1927. Class 13.
- 232,851. ABRASIVES AND POLISHING COMPOUNDS FOR LENSES AND THE LIKE. CONTINENTAL OPTICAL CORPORATION, New York, N. Y.
Filed April 25, 1927. Serial No. 247,932. PUBLISHED JULY 12, 1927. Class 4.
- 232,852. GUMMED AND UNGUMMED PAPER SEALING, VENEER, AND STAY TAPES. CENTRAL PAPER COMPANY, Menasha, Wis.
Filed April 25, 1927. Serial No. 247,927. PUBLISHED JULY 12, 1927. Class 37.
- 232,853. PAPER BACKED WITH AN ADHESIVE-APPLIED LAYER OF CLOTH USED FOR MANUFACTURING TAGS, MAPS, CHARTS, DRAWINGS, SAFETY ENVELOPES, CHILDREN'S PICTURE BOOKS, BOOKLET COVERS, ADVERTISING AND DISPLAY POSTERS, WORK TICKETS, AND THE LIKE. REVERSIBLE COLLAR COMPANY, doing business as Middlesex Products Company, Boston, Mass.
Filed April 23, 1927. Serial No. 247,910. PUBLISHED JULY 5, 1927. Class 37.
- 232,854. PORTABLE AND POCKET CIGAR AND CIGARETTE LIGHTERS UTILIZING A LIQUID FUEL. ALFRED DUNHILL OF LONDON, INC., New York, N. Y.
Filed April 19, 1927. Serial No. 247,658. PUBLISHED JULY 12, 1927. Class 34.
- 232,855. PORTABLE AND POCKET CIGAR AND CIGARETTE LIGHTERS UTILIZING A LIQUID FUEL. ALFRED DUNHILL OF LONDON, INC., New York, N. Y.
Filed April 19, 1927. Serial No. 247,657. PUBLISHED JULY 12, 1927. Class 34.
- 232,856. ALL KINDS OF CHEESE. ROETHLISBERGER & Co., Herzogenbuchsee, Switzerland.
Filed April 16, 1927. Serial No. 247,572. PUBLISHED JULY 12, 1927. Class 46.
- 232,857. BREAD. SMITH'S BAKERY, INC., Mobile, Ala.
Filed April 16, 1927. Serial No. 247,575. PUBLISHED JULY 5, 1927. Class 46.
- 232,858. WOOLEN AND WORSTED FABRICS IN THE PIECE. DETMER, BRUNER & MASON, INC., New York, N. Y.
Filed June 3, 1927. Serial No. 249,956. PUBLISHED JULY 12, 1927. Class 42.
- 232,859. WOOLEN AND WORSTED FABRICS IN THE PIECE. DETMER, BRUNER & MASON, INC., New York, N. Y.
Filed June 3, 1927. Serial No. 249,958. PUBLISHED JULY 12, 1927. Class 42.

- 232,860. WOOLEN AND WORSTED FABRICS IN THE PIECE. DETMER, BRUNER & MASON, INC., New York, N. Y.
Filed June 3, 1927. Serial No. 249,959. PUBLISHED JULY 12, 1927. Class 42.
- 232,861. WOOLEN AND WORSTED FABRICS IN THE PIECE. DETMER, BRUNER & MASON, INC., New York, N. Y.
Filed June 3, 1927. Serial No. 249,960. PUBLISHED JULY 12, 1927. Class 42.
- 232,862. PRINTING AND WRITING PAPER COMMONLY EMPLOYED FOR PRINTING AND WRITING PURPOSES. GRAHAM PAPER COMPANY, St. Louis, Mo.
Filed June 3, 1927. Serial No. 249,966. PUBLISHED JULY 12, 1927. Class 37.
- 232,863. EGGS. THE SEYMOUR PACKING CO., Topeka, Kans.
Filed June 3, 1927. Serial No. 250,001. PUBLISHED JULY 12, 1927. Class 46.
- 232,864. CANDY. CANDY BROS. MFG. CO., St. Louis, Mo.
Filed June 6, 1927. Serial No. 250,063. PUBLISHED JULY 12, 1927. Class 46.
- 232,865. PLAIN AND SELF-RISING FLOUR. MODEL MILL COMPANY, INC., Johnson City, Tenn.
Filed June 6, 1927. Serial No. 250,086. PUBLISHED JULY 12, 1927. Class 46.
- 232,866. WOOLEN AND WORSTED FABRICS IN THE PIECE. DETMER, BRUNER & MASON, INC., New York, N. Y.
Filed June 3, 1927. Serial No. 249,955. PUBLISHED JULY 12, 1927. Class 42.
- 232,867. WOOLEN AND WORSTED FABRICS IN THE PIECE. DETMER, BRUNER & MASON, INC., New York, N. Y.
Filed June 3, 1927. Serial No. 249,954. PUBLISHED JULY 12, 1927. Class 42.
- 232,868. WOOLEN AND WORSTED FABRICS IN THE PIECE. DETMER, BRUNER & MASON, INC., New York, N. Y.
Filed June 3, 1927. Serial No. 249,953. PUBLISHED JULY 12, 1927. Class 42.
- 232,869. WOOLEN AND WORSTED FABRICS IN THE PIECE. DETMER, BRUNER & MASON, INC., New York, N. Y.
Filed June 3, 1927. Serial No. 249,952. PUBLISHED JULY 12, 1927. Class 42.
- 232,870. WOOLEN AND WORSTED FABRICS IN THE PIECE. DETMER, BRUNER & MASON, INC., New York, N. Y.
Filed June 3, 1927. Serial No. 249,951. PUBLISHED JULY 12, 1927. Class 42.
- 232,871. MATTRESSES. BELKNAP HARDWARE & MANUFACTURING COMPANY, Louisville, Ky.
Filed June 3, 1927. Serial No. 249,942. PUBLISHED JULY 12, 1927. Class 32.
- 232,872. HAND-OPERATED PORTABLE SPRAYERS AND PARTS THEREOF. HUDSON MANUFACTURING CO., Minneapolis, Minn.
Filed June 2, 1927. Serial No. 249,902. PUBLISHED JULY 12, 1927. Class 23.
- 232,873. HAND-OPERATED PORTABLE SPRAYERS AND PARTS THEREOF. HUDSON MANUFACTURING CO., Minneapolis, Minn.
Filed June 2, 1927. Serial No. 249,901. PUBLISHED JULY 12, 1927. Class 23.
- 232,874. MIXED CANARY SEED, PARROT MIXTURE, SONG RESTORER, AND PLUMAGE FOOD FOR BIRDS, AND FISH FOOD. THE DOG AND CAT DRUG STORES, INC., Baltimore, Md.
Filed June 1, 1927. Serial No. 249,841. PUBLISHED JULY 12, 1927. Class 46.

- 232,875. TIRE COVERS. THE STUDEBAKER CORPORATION, South Bend, Ind.
Filed May 31, 1927. Serial No. 249,820. PUBLISHED JULY 12, 1927. Class 35.
- 232,876. CANNED VEGETABLES, TEA, AND COFFEE. SCOVILLE, BROWN & COMPANY, Wellsville, N. Y.
Filed May 31, 1927. Serial No. 249,814. PUBLISHED JULY 12, 1927. Class 46.
- 232,877. COTTON PIECE GOODS. CLARENCE WHITMAN & SONS, INC., New York, N. Y.
Filed May 28, 1927. Serial No. 249,763. PUBLISHED JULY 12, 1927. Class 42.
- 232,878. GROUND FLAX SCREENINGS. STUHR-SEIDL COMPANY, Minneapolis, Minn.
Filed May 28, 1927. Serial No. 249,759. PUBLISHED JULY 12, 1927. Class 46.
- 232,879. PHOTOGRAPHIC SHUTTERS. EASTMAN KODAK COMPANY, Rochester, N. Y.
Filed May 28, 1927. Serial No. 249,709. PUBLISHED JULY 12, 1927. Class 26.
- 232,880. ICE PICKS. BELKNAP HARDWARE & MANUFACTURING COMPANY, Louisville, Ky.
Filed May 28, 1927. Serial No. 249,697. PUBLISHED JULY 12, 1927. Class 23.
- 232,881. CORN KNIVES, LAWN MOWERS, AND AUTOMOBILE JACKS. BELKNAP HARDWARE & MANUFACTURING COMPANY, Louisville, Ky.
Filed May 28, 1927. Serial No. 249,696. PUBLISHED JULY 12, 1927. Class 23.
- 232,882. CANDY. AMERICAN CARAMEL COMPANY, York, Pa.
Filed May 27, 1927. Serial No. 249,632. PUBLISHED JULY 12, 1927. Class 46.
- 232,883. SILK FABRICS. A. M. TURELL FABRICS CORPORATION, New York, N. Y.
Filed May 26, 1927. Serial No. 249,617. PUBLISHED JULY 12, 1927. Class 42.
- 232,884. TIRE COVERS. THE STUDEBAKER CORPORATION, South Bend, Ind.
Filed May 26, 1927. Serial No. 249,614. PUBLISHED JULY 12, 1927. Class 35.
- 232,885. LIQUID DRAWING INKS. GUNTHER WAGNER, Hanover, Germany.
Filed February 28, 1927. Serial No. 245,008. PUBLISHED JULY 12, 1927. Class 11.
- 232,886. OVERNIGHT CASES. HAUSER & WEIL, New York, N. Y.
Filed March 11, 1927. Serial No. 245,557. PUBLISHED JULY 5, 1927. Class 3.
- 232,887. FIBER BOARD. THE STERLING FIBREBOARD COMPANY, New York, N. Y.
Filed March 31, 1927. Serial No. 246,720. PUBLISHED JULY 5, 1927. Class 37.
- 232,888. COVER PAPER. HOLYOKE CARD & PAPER COMPANY, Springfield, Mass.
Filed March 29, 1927. Serial No. 246,552. PUBLISHED JULY 5, 1927. Class 37.
- 232,889. AIR COMPRESSORS, AND AIR TOWERS FOR USE AT FILLING STATIONS AND THE LIKE. DETROIT AIR COMPRESSOR CO., Detroit, Mich.
Filed March 28, 1927. Serial No. 246,467. PUBLISHED JULY 12, 1927. Class 23.
- 232,890. WRAPPING PAPER. CONTINENTAL PAPER & BAG MILLS CORPORATION, New York, N. Y.
Filed March 24, 1927. Serial No. 246,268. PUBLISHED JULY 5, 1927. Class 37.
- 232,891. HAND-OPERATED PORTABLE AND STATIONARY FIRE-EXTINGUISHING APPARATUS. FIRE GUN MANUFACTURING COMPANY, INC., Utica, N. Y.
Filed April 1, 1927. Serial No. 246,744. PUBLISHED JULY 12, 1927. Class 23.
- 232,892. FURNITURE—NAMELY, DAVENPORTS, BED DAVENPORTS, LOW-BACK CHAIRS, HIGH-BACK CHAIRS, WING CHAIRS, OCCASIONAL CHAIRS, BOUDOIR CHAIRS, FIRESIDE CHAIRS, COXWELL CHAIRS, AND OTTOMANS. HERMAN ROBINSON, doing business as Robinson's Furniture Mfg. Co., Los Angeles, Calif.
Filed April 5, 1927. Serial No. 246,984. PUBLISHED JULY 12, 1927. Class 32.
- 232,893. POTATO CHIPS AND MAYONNAISE. YO-HO PURE FOOD PRODUCTS CO., Chicago, Ill.
Filed April 6, 1927. Serial No. 247,053. PUBLISHED JULY 5, 1927. Class 46.
- 232,894. DRY EARTH PIGMENTS FOR USE PARTICULARLY IN PAINTS. REICHARD-COULSTON INC., New York, N. Y.
Filed April 7, 1927. Serial No. 247,098. PUBLISHED JULY 12, 1927. Class 16.
- 232,895. SMOKED AND DRIED FISH CONSISTING OF SMOKED HERRINGS WITH HEADS AND TAILS CUT OFF AND WRAPPED IN CELLOPHANE. GOSTON-FEW FISHERIES COMPANY, LTD., Gloucester, Mass.
Filed April 7, 1927. Serial No. 247,076. PUBLISHED JULY 12, 1927. Class 46.
- 232,896. REFRIGERATORS. KANE FURNITURE COMPANY, Boston, Mass.
Filed April 12, 1927. Serial No. 247,320. PUBLISHED JULY 12, 1927. Class 31.
- 232,897. SOAP. THE PALMOLIVE-PET COMPANY, Chicago, Ill.
Filed April 9, 1927. Serial No. 247,206. PUBLISHED JULY 12, 1927. Class 4.
- 232,898. SEPARABLE FASTENER STRINGERS AND SEPARABLE FASTENERS. HOOKLESS FASTENER COMPANY, Meadville, Pa.
Filed April 13, 1927. Serial No. 247,372. PUBLISHED JULY 12, 1927. Class 13.
- 232,899. FOOD PRODUCT COMPOSED PRINCIPALLY OF MALTED MILK, EGG POWDER, COCOA, AND SUGAR. MALT-O-EGG COMPANY, Everett, Mass.
Filed April 13, 1927. Serial No. 247,377. PUBLISHED JULY 5, 1927. Class 46.
- 232,900. NOODLES. H. B. MCNEAL, doing business as Pittsburgh Pretzel Co., Limited, Pittsburgh, Pa.
Filed April 15, 1927. Serial No. 247,479. PUBLISHED JULY 5, 1927. Class 46.
- 232,901. PIPE HOLDERS, ASH TRAYS, TOBACCO JARS, MATCH HOLDERS FOR BOXES OF SAFETY MATCHES, CIGARETTE BOXES MADE OF BASE METAL, CIGAR BOXES MADE OF BASE METAL, AND SMOKERS' SETS FOR USE ON A TABLE. STEELE AND JOHNSON MFG. CO., Waterbury, Conn.
Filed April 15, 1927. Serial No. 247,499. PUBLISHED JULY 12, 1927. Class 8.
- 232,902. OIL FILTERS. S. F. BOWSER & COMPANY, INC., Fort Wayne, Ind.
Filed April 16, 1927. Serial No. 247,517. PUBLISHED JULY 12, 1927. Class 31.
- 232,903. AUTOMOBILES AND CONSTRUCTIVE PARTS THEREOF. ALLIE S. FREED, New York, N. Y.
Filed April 29, 1927. Serial No. 248,171. PUBLISHED JULY 12, 1927. Class 19.
- 232,904. DAIRY CLEANSERS. JOHN G. GARRISH, Jersey City, N. J.
Filed May 26, 1927. Serial No. 249,582. PUBLISHED JULY 5, 1927. Class 4.
- 232,905. LIQUID WASHING FLUID. THE NO WORRY CHEMICAL CO., Newark, N. J.
Filed April 1, 1927. Serial No. 246,767. PUBLISHED JULY 12, 1927. Class 4.
- 232,906. EYE SHADES. CALVIN W. KNOWLES, San Francisco, Calif.
Filed March 28, 1927. Serial No. 246,486. PUBLISHED JULY 12, 1927. Class 44.

- 232,907. MONTHLY PUBLICATION. THE DAVIS PRESS, INCORPORATED, Worcester, Mass.
Filed March 21, 1927. Serial No. 246,085. PUBLISHED JULY 12, 1927. Class 38.
- 232,908. GOGGLES AND PARTS THEREOF FOR THE PROTECTION OF THE EYE AGAINST DUST, GLARE, CINDERS, AND FLYING PARTICLES. AMERICAN OPTICAL COMPANY, Southbridge, Mass.
Filed March 21, 1927. Serial No. 246,063. PUBLISHED JULY 12, 1927. Class 26.
- 232,909. WEEKLY PUBLICATION DEVOTED TO THE FIELD OF MUSIC. THE MUSICAL AMERICA COMPANY, New York, N. Y., assignor, by mesne assignments, to Trade Publications, Inc., New York, N. Y., a Corporation of Delaware.
Filed March 16, 1927. Serial No. 245,857. PUBLISHED JULY 5, 1927. Class 38.
- 232,910. FOOD STARCHES—VIZ, CORN STARCH. JOSEPH MORNINGSTAR & CO. INC., New York, N. Y.
Filed March 16, 1927. Serial No. 245,856. PUBLISHED JULY 5, 1927. Class 46.
- 232,911. MINERAL THERMAL INSULATING MATERIAL. THE BEAVER PRODUCTS COMPANY, INC., Buffalo, N. Y.
Filed March 2, 1927. Serial No. 245,079. PUBLISHED MAY 17, 1927. Class 12.
- 232,912. CANDY. A. G. MORSE CO., Chicago, Ill.
Filed June 6, 1927. Serial No. 250,087. PUBLISHED JULY 12, 1927. Class 46.
- 232,913. DETERGENT PREPARATION FOR CLEANING, SCOURING, OR POLISHING. ENOCH MORGAN'S SONS COMPANY, New York, N. Y.
Filed May 21, 1927. Serial No. 249,364. PUBLISHED JULY 5, 1927. Class 4.
- 232,914. NEWSPAPER SECTION. STRATFORD CORBETT, New York, N. Y.
Filed May 23, 1927. Serial No. 249,406. PUBLISHED JULY 12, 1927. Class 38.
- 232,915. SOAP. SWIFT AND COMPANY, Chicago, Ill.
Filed May 19, 1927. Serial No. 249,244. PUBLISHED JULY 5, 1927. Class 4.
- 232,916. SILVER POLISH. KLEIN & SON, Montgomery, Ala.
Filed May 18, 1927. Serial No. 249,181. PUBLISHED JULY 12, 1927. Class 4.
- 232,917. METAL POLISHES. I-SIS LABORATORIES, INC., New York, N. Y.
Filed May 17, 1927. Serial No. 249,122. PUBLISHED JULY 5, 1927. Class 4.
- 232,918. SMALL SWEET COOKIE. ONTARIO BISCUIT COMPANY, Buffalo, N. Y.
Filed May 14, 1927. Serial No. 249,018. PUBLISHED JULY 5, 1927. Class 46.
- 232,919. BRICK-CLEANING COMPOUND. IRVING KASS, New York, N. Y., assignor to Building Chemicals Corporation, New York, N. Y., a Corporation of New York.
Filed May 14, 1927. Serial No. 249,009. PUBLISHED JULY 5, 1927. Class 4.
- 232,920. MONTHLY MAGAZINE. PHOTO-ERA PUBLISHING CO., Wolfeboro, N. H.
Filed May 9, 1927. Serial No. 248,721. PUBLISHED JULY 12, 1927. Class 38.
- 232,921. POLISHING AND BURNISHING MATERIAL, CONSISTING OF SMALL POLISHED STEEL ELEMENTS. HERMAN LEROY BEAVER, Philadelphia, Pa.
Filed May 6, 1927. Serial No. 248,545. PUBLISHED JUNE 14, 1927. Class 4.
- 232,922. MONTHLY MAGAZINE. TODAY'S HUMOR, INC., Oak Park, Ill.
Filed May 5, 1927. Serial No. 248,535. PUBLISHED JULY 12, 1927. Class 38.
- 232,923. BUTTER AND EGGS. PAUL C. ANDERSON, doing business as Anderson & Hillman, Beaumont, Tex.
Filed May 5, 1927. Serial No. 248,462. PUBLISHED JULY 5, 1927. Class 46.

- 232,924. WHEAT FLOUR. WABASHA ROLLER MILL COMPANY, Wabasha, Minn.
Filed May 4, 1927. Serial No. 248,457. PUBLISHED JULY 5, 1927. Class 46.
- 232,925. SOAP FOR SHAVING. COLGATE & COMPANY, Jersey City, N. J.
Filed April 21, 1927. Serial No. 247,779. PUBLISHED JULY 12, 1927. Class 4.
- 232,926. HOUSE ORGAN (A MONTHLY PUBLICATION). NEW ENGLAND BRICK COMPANY, Boston, Mass.
Filed April 21, 1927. Serial No. 247,810. PUBLISHED JULY 12, 1927. Class 38.
- 232,927. BRAN WAFERS. BERTHA BEUCHEL, doing business as Rekwizit Baking Co., St. Louis, Mo.
Filed May 2, 1927. Serial No. 248,276. PUBLISHED JULY 5, 1927. Class 46.
- 232,928. FALSE TEETH. GUY DEMINGTON SHIPHERD, Omaha, Nebr.
Filed April 21, 1927. Serial No. 247,825. PUBLISHED JULY 12, 1927. Class 44.
- 232,929. MAGAZINE PUBLISHED MONTHLY. ANSTED PUBLISHING CO. INC., Brooklyn, N. Y.
Filed April 27, 1927. Serial No. 248,027. PUBLISHED JULY 12, 1927. Class 38.
- 232,930. TITLE FOR A DAILY EVENING NEWSPAPER EXCEPT SUNDAY. THE NEWS PUBLISHING COMPANY, INC., Galveston, Tex.
Filed April 29, 1927. Serial No. 248,185. PUBLISHED JULY 5, 1927. Class 38.
- 232,931. PRINTED ADVERTISING TAGS, PRINTED SHIPPING TAGS, PRINTED MARKING TAGS, AND PRINTED WORK TAGS. THE DENNEY TAG COMPANY, West Chester, Pa.
Filed April 30, 1927. Serial No. 248,226. PUBLISHED JULY 12, 1927. Class 38.
- 232,932. POULTRY FEED. RALSTON PERINA COMPANY, St. Louis, Mo.
Filed May 2, 1927. Serial No. 248,323. PUBLISHED JULY 5, 1927. Class 46.
- 232,933. CAKES, PIES, SANDWICHES, AND UNCANNED FRUIT AND VEGETABLE SALADS. COLLIER'S BEACON INN, INC., Washington, D. C.
Filed May 3, 1927. Serial No. 248,348. PUBLISHED JULY 5, 1927. Class 46.
- 232,934. MONTHLY MAGAZINE. THE NATIONAL COUNCIL OF THE DAUGHTERS OF AMERICA OF THE UNITED STATES OF NORTH AMERICA, Youngstown, Ohio.
Filed May 4, 1927. Serial No. 248,422. PUBLISHED JULY 12, 1927. Class 38.
- 232,935. LUBRICATING OILS AND GREASES. WAYERLY OIL WORKS COMPANY, Pittsburgh, Pa.
Filed April 19, 1927. Serial No. 247,721. PUBLISHED JULY 12, 1927. Class 15.
- 232,936. PERIODICAL PUBLICATION. ACACIA FRATERNITY, Worcester, Mass., and Ann Arbor, Mich.
Filed April 9, 1927. Serial No. 247,156. PUBLISHED JULY 12, 1927. Class 38.
- 232,937. DRY EARTH PIGMENTS FOR USE PARTICULARLY IN PAINTS. REICHARD-COULSTON INC., New York, N. Y.
Filed April 7, 1927. Serial No. 247,100. PUBLISHED JULY 12, 1927. Class 16.
- 232,938. PICTORIAL ILLUSTRATIONS FOR ADVERTISING PURPOSES. TEXTILE PUBLISHING COMPANY, New York, N. Y.
Filed April 6, 1927. Serial No. 247,046. PUBLISHED JULY 5, 1927. Class 38.
- 232,939. OILS FOR TREATING LEATHER. WHITE & HODGES, Everett, Mass.
Filed May 26, 1927. Serial No. 249,628. PUBLISHED JULY 5, 1927. Class 4.

- 232,940. SHOE DRESSING AND POLISH. LOUIS B. KUNKEL, St. Louis, Mo.
Filed May 27, 1927. Serial No. 249,664. PUBLISHED JULY 5, 1927. Class 4.
- 232,941. CLEANING PREPARATION OF SOAP AND OTHER INGREDIENTS FOR USE IN WASHING BABIES AND OTHER USES OF A DELICATE NATURE. THE MIDLAND CHEMICAL LABORATORIES, INC., Dubuque, Iowa.
Filed May 28, 1927. Serial No. 249,740. PUBLISHED JULY 12, 1927. Class 4.
- 232,942. WASHING POWDER. POLAND SOAP WORKS, Anniston, Ala.
Filed May 28, 1927. Serial No. 249,748. PUBLISHED JULY 5, 1927. Class 4.
- 232,943. HAND-OPERATED PORTABLE SPRAYERS AND PARTS THEREOF. HUDSON MANUFACTURING CO., Minneapolis, Minn.
Filed June 2, 1927. Serial No. 249,903. PUBLISHED JULY 12, 1927. Class 23.
- 232,944. MEDICINAL WINE FOR USE AS A GENERAL TONIC. H. T. DEWEY & SONS CO., New York, N. Y.
Filed May 10, 1927. Serial No. 248,757. PUBLISHED JULY 12, 1927. Class 6.
- 232,945. HOSIERY. PHOENIX HOSIERY COMPANY, Milwaukee, Wis.
Filed May 10, 1927. Serial No. 248,787. PUBLISHED JULY 5, 1927. Class 39.
- 232,946. MEDICINAL PREPARATION FOR THE TREATMENT OF ASTHMA. BEAR MEDICINE COMPANY, Cuddy, Pa.
Filed May 11, 1927. Serial No. 248,806. PUBLISHED JULY 12, 1927. Class 6.
- 232,947. LEATHERS. HUNT-RANKIN LEATHER CO., Boston, Mass.
Filed May 12, 1927. Serial No. 248,910. PUBLISHED JULY 12, 1927. Class 1.
- 232,948. DRY MATERIAL FOR MAKING CEMENTITIOUS STRUCTURES AND FOR POINTING UP. THE BALDWIN-TARVIN COMPANY, Cincinnati, Ohio.
Filed May 13, 1927. Serial No. 248,951. PUBLISHED JULY 5, 1927. Class 12.
- 232,949. EXPANDED-METAL LATHS. NORTH WESTERN EXPANDED METAL COMPANY, Chicago, Ill.
Filed May 16, 1927. Serial No. 249,090. PUBLISHED JULY 5, 1927. Class 12.
- 232,950. SALAD DRESSING. SAL-O PRODUCTS CO., Rockford, Ill.
Filed May 16, 1927. Serial No. 249,098. PUBLISHED JULY 12, 1927. Class 46.
- 232,951. TALCUM POWDER. TOOTH PASTE, AND SALVES FOR USE ON BURNS, INSECT BITES, SUNBURN, CHAPPED HANDS, AND SKIN IRRITATIONS. ABRAHAM E. GLICKMAN, doing business as Fidelity Products, Brooklyn, N. Y.
Filed May 17, 1927. Serial No. 249,117. PUBLISHED JULY 12, 1927. Class 6.
- 232,952. SUNSHADE HEADWEAR. DANIEL E. HUGER, New York, N. Y.
Filed May 17, 1927. Serial No. 249,120. PUBLISHED JULY 5, 1927. Class 39.
- 232,953. INSECTICIDE. WALTER J. MENDRALSKI, doing business as Insect Tox Co., Chicago, Ill.
Filed May 18, 1927. Serial No. 249,185. PUBLISHED JULY 5, 1927. Class 6.
- 232,954. SOFT AND STIFF FELT HATS AND CAPS FOR MEN AND BOYS. JOHN B. STETSON COMPANY, Philadelphia, Pa.
Filed May 18, 1927. Serial No. 249,201. PUBLISHED JULY 5, 1927. Class 39.
- 232,955. LAXATIVE COMPOUND FOR EXPELLING WORMS FROM ANIMALS. GEORGE A. JEFFREYS, doing business as Jeffreys Laboratories, Calcutta, N. Y.
Filed May 19, 1927. Serial No. 249,227. PUBLISHED JULY 12, 1927. Class 6.
- 232,956. FIBER BOARDS SOLD IN SHEETS RECOMMENDED AS INSULATING WALL BOARDS AND SUBSTITUTE FOR WOOD, STEEL, OR SIMILAR CONSTRUCTION MATERIAL. THE AGASOTE MILLBOARD CO., Trenton, N. J.
Filed May 20, 1927. Serial No. 249,251. PUBLISHED JULY 5, 1927. Class 12.
- 232,957. WOVEN LABEL STRIPS. THE NARROW FABRIC CO., West Reading and Reading, Pa.
Filed September 7, 1926. Serial No. 236,947. PUBLISHED JULY 12, 1927. Class 38.
- 232,958. COCOA, CHOCOLATE, BISCUITS, SWEETMEATS, AND CANDIES OF ALL KINDS. GEBRÜDER STOLLWERCK A. G., Vienna, Austria.
Filed September 1, 1926. Serial No. 236,741. PUBLISHED JULY 5, 1927. Class 46.
- 232,959. HAIR NETS. R. H. MACY & CO., INC., New York, N. Y.
Filed August 31, 1926. Serial No. 236,701. PUBLISHED JULY 12, 1927. Class 42.
- 232,960. CANNED FISH, CANNED FRUITS, CANNED VEGETABLES, AND DRIED FRUITS. M. FRIEBSCH, San Francisco, Calif.
Filed August 23, 1926. Serial No. 236,312. PUBLISHED JULY 12, 1927. Class 46.
- 232,961. BALL BEARINGS AND ROLLER BEARINGS. KARL OSKAR LEON, Lidköping, Sweden.
Filed August 9, 1926. Serial No. 235,741. PUBLISHED JULY 12, 1927. Class 23.
- 232,962. MOTOR TRUCKS. WICHITA FALLS MOTOR COMPANY, Wichita Falls, Tex.
Filed July 27, 1926. Serial No. 235,242. PUBLISHED JULY 12, 1927. Class 19.
- 232,963. CANNED FRUITS. GRECO CANNING COMPANY, INC., San Jose, Calif.
Filed July 27, 1926. Serial No. 235,208. PUBLISHED JULY 5, 1927. Class 46.
- 232,964. DRIED FRUITS, PARTICULARLY FIGS AND RAISINS. MARION C. HANSEN, doing business as Mrs. Fred H. Hansen, Fresno, Calif.
Filed June 30, 1926. Serial No. 233,931. PUBLISHED JULY 12, 1927. Class 46.
- 232,965. TOILET SEATS AND TOILET TANKS. GERMAIN BROTHERS CO., Saginaw, Mich.
Filed June 28, 1926. Serial No. 233,818. PUBLISHED JULY 12, 1927. Class 13.
- 232,966. VOLCANIC ASH. THE VOLCANIC ASH COMPANY OF AMERICA, Kansas City, Mo.
Filed March 8, 1927. Serial No. 245,416. PUBLISHED JULY 5, 1927. Class 1.
- 232,967. WHEAT FLOUR. OMAHA FLOUR MILLS CO., Omaha, Nebr.
Filed February 23, 1926. Serial No. 227,676. PUBLISHED JUNE 15, 1926. Class 46.
- 232,968. BLEACH CREAMS, BEAUTY CREAMS, COLD CREAMS, ETC. PALMERS, LIMITED, Montreal, Quebec, Canada.
Filed January 15, 1926. Serial No. 225,964. PUBLISHED APRIL 26, 1927. Class 6.
- 232,969. TALC. POWDER. COLGATE & COMPANY, Jersey City, N. J., and New York, N. Y.
Filed June 6, 1927. Serial No. 250,069. PUBLISHED JULY 12, 1927. Class 6.

- 232,970. SHUTTLE BLOCKS OR DIMENSION STOCK USED FOR MAKING SHUTTLES, PICKER-STICK BLANKS OR DIMENSION STOCK USED FOR MAKING PICKER STICKS, LAWN-MOWER HANDLE BLANKS OR DIMENSION STOCK USED FOR MAKING LAWN-MOWER HANDLES, SHOE-LAST BLOCKS AND HANDLE BLANKS OR DIMENSION STOCK USED FOR MAKING TOOL HANDLES. GOLF SHAFT & BLOCK COMPANY, Memphis, Tenn.
Filed May 14, 1925. Serial No. 214,319. PUBLISHED JULY 5, 1927. Class 1.
- 232,971. RADIATOR CEMENT. FREDERICK H. NEWMAN, doing business as F. H. Newman & Co., Sherborn, Mass.
Filed April 2, 1927. Serial No. 246,843. PUBLISHED JUNE 7, 1927. Class 6.
- 232,972. BOARDS—NAMELY, WALL BOARD, PLASTER BOARD, SHEATHING, AND PLASTER. UNIVERSAL GYPSUM COMPANY, Now Universal Gypsum & Lime Co., Chicago, Ill.
Filed December 10, 1925. Serial No. 224,536. PUBLISHED JULY 5, 1927. Class 12.
- 232,973. ICE CREAM, BAKED EDIBLE RECEPTACLES FOR ICE CREAM OR SIMILAR FOODS, AND ICE-CREAM PIES—NAMELY, ICE CREAM CUT IN THE SHAPE OF A PIECE OF PIE EITHER WITH OR WITHOUT AN EDIBLE RECEPTACLE OF SIMILAR SHAPE. MODERN SPECIALTY COMPANY, St. Paul, Minn.
Filed April 2, 1927. Serial No. 246,842. PUBLISHED JULY 12, 1927. Class 46.
- 232,974. BUTTER AND BREAD. CHABROW BROTHERS, Philadelphia, Pa.
Filed December 2, 1925. Serial No. 224,078. PUBLISHED JULY 12, 1927. Class 46.
- 232,975. BOTTLE CAPS. DAVOL RUBBER COMPANY, Providence, R. I.
Filed April 2, 1927. Serial No. 246,820. PUBLISHED JUNE 28, 1927. Class 50.
- 232,976. SOLES AND HEELS FOR SHOES. THE SHOE-THREAD CORPORATION, Boston, Mass.
Filed August 6, 1925. Serial No. 218,502. PUBLISHED JULY 5, 1927. Class 39.
- 232,977. FELT BLANKETS FOR THE USE OF PAPER MAKERS AND PAPER-MAKERS' JACKETS. APPLETON WOOLEN MILLS, Appleton, Wis.
Filed April 1, 1927. Serial No. 246,727. PUBLISHED JUNE 28, 1927. Class 50.
- 232,978. OVERALLS, COATS, WORK SHIRTS, PANTS, AND MEN'S CAPS. HIGH POINT OVERALL COMPANY, High Point, N. C.
Filed March 31, 1927. Serial No. 246,681. PUBLISHED JULY 5, 1927. Class 39.
- 232,979. DRIED CURRENTS, DATES, MINCEMEAT, AND PEANUT BUTTER. THE W. H. MARVIN COMPANY, Urbana, Ohio.
Filed March 28, 1927. Serial No. 246,491. PUBLISHED JULY 12, 1927. Class 46.
- 232,980. GLASS TILE. BOYD AND HUTTER TILE COMPANY, Long Beach, Calif.
Filed March 28, 1927. Serial No. 246,461. PUBLISHED JUNE 28, 1927. Class 12.
- 232,981. HARDWOOD FLOORS OR THE MATERIAL FROM WHICH THEY ARE CONSTRUCTED. ROGER J. DEENEY, doing business as John Deeney & Son, Philadelphia, Pa.
Filed March 18, 1927. Serial No. 245,959. PUBLISHED JULY 5, 1927. Class 12.

- 232,982. LAXATIVE MEDICINE IN TABLET FORM. LEWELLYN WHITING ESTES, doing business as The Great American Herb Co., Washington, D. C.
Filed March 17, 1927. Serial No. 245,999. PUBLISHED JULY 12, 1927. Class 6.
- 232,983. MALT BEVERAGES. GOLDEN WEST BREWING COMPANY, Oakland, Calif.
Filed March 5, 1927. Serial No. 245,264. PUBLISHED MAY 24, 1927. Class 48.
- 232,984. HOSIERY. HOLEPROOF HOSIERY COMPANY, Milwaukee, Wis.
Filed March 4, 1927. Serial No. 245,212. PUBLISHED MAY 17, 1927. Class 39.
- 232,985. CANNED SARDINES, CONCENTRATED TOMATO PASTE, CANNED TOMATOES PACKED WITH PURÉE, CANNED TOMATOES, CANNED TUNA FISH, DRIED BROWN BEANS, DRIED GREEN SPLIT PEAS, DRIED MARROWFAT PEAS, DRIED YELLOW SPLIT PEAS, GLACÉ RICE, DRIED LENTILS, FAGINOLI ROMANI (DRIED FANCY CRANBERRY ROMAN BEANS), FAGUOLI CANNELLINI BIANCHI (DRIED FANCY WHITE KIDNEY BEANS), MIXED PICKLES IN VINEGAR, DRIED MUSHROOMS, AND CARDAMOM. STROHMMEYER & ARPE CO., New York, N. Y.
Filed March 2, 1927. Serial No. 245,116. PUBLISHED JULY 12, 1927. Class 46.
- 232,986. CANNED FISH. RICHARD PETTER SIGMOND, Stavanger, Norway.
Filed January 17, 1927. Serial No. 242,970. PUBLISHED JULY 12, 1927. Class 46.
- 232,987. LIQUID PADDING CEMENT. JOHN FARNSWORTH ASSOCIATED, INC., Philadelphia, Pa.
Filed January 11, 1927. Serial No. 242,659. PUBLISHED JULY 12, 1927. Class 5.
- 232,988. ELASTIC-WEBBING PIECE GOODS. THE STANDARD CORSET COMPANY, New York, N. Y.
Filed January 7, 1927. Serial No. 242,509. PUBLISHED JULY 12, 1927. Class 42.
- 232,989. MONTHLY PUBLICATION. RAND McNALLY AND COMPANY, Chicago, Ill.
Filed January 7, 1927. Serial No. 242,503. PUBLISHED JULY 12, 1927. Class 38.
- 232,990. POSTERS. CHARLES H. PENNOYER, doing business as Community Pulpit, Pawtucket, R. I., and Boston, Mass.
Filed December 31, 1926. Serial No. 242,252. PUBLISHED JULY 12, 1927. Class 38.
- 232,991. VARNISH, READY-MIXED PAINT, AND PAINT ENAMELS. THE S. A. DAY MANUFACTURING CO. INC., Buffalo, N. Y.
Filed December 16, 1926. Serial No. 241,565. PUBLISHED JULY 12, 1927. Class 16.
- 232,992. COFFEE, TEA, AND COCOA. ANDREW J. BOURNARIS, doing business as Sun Up Coffee, Tea and Cocoa Co., New York, N. Y.
Filed December 13, 1926. Serial No. 241,389. PUBLISHED JULY 12, 1927. Class 46.
- 232,993. MILK CHOCOLATE, ALMOND MILK CHOCOLATE, PEANUT MILK CHOCOLATE, RAISIN MILK CHOCOLATE, VANILLA CHOCOLATE, MILK CHOCOLATE DAINITIES, VANILLA-CHOCOLATE DAINITIES, CANDIED PEANUT CRISPS, CHOCOLATE-COVERED MOLASSES COCONUT, CHOCOLATE-COVERED CREAM COCONUT, CHOCOLATE-COVERED CREAM CANDY, CHOCOLATE-COVERED NUT CARAMEL, CHOCOLATE COVERED RAISINS, PEANUT BUTTERSCOTCH, CHOCOLATE CREAM PEPPERMINTS, CHOCOLATE CREAM MINT CAKES, COCOA POWDER, MALTED-MILK COCOA, UNSWEETENED CHOCOLATE. BREWSTER SONS COMPANY, Newark, N. J.
Filed December 7, 1926. Serial No. 241,080. PUBLISHED JULY 12, 1927. Class 46.

- 232,994. ELECTRIC INSULATING MOLDING COMPOUNDS. THE COLASTA CO. INC., Hoosick Falls, N. Y.
Filed November 29, 1926. Serial No. 240,698. PUBLISHED MAY 31, 1927. Class 21.
- 232,995. MONTHLY MAGAZINE. HAIRE PUBLISHING CO., INC., New York, N. Y.
Filed November 27, 1926. Serial No. 240,650. PUBLISHED JULY 12, 1927. Class 38.
- 232,996. ABSORBENT EARTH OR CLAY, BEING DECOLORIZING COMPOUNDS FOR USE IN MANUFACTURES. REFINERY PRODUCTS LIMITED, London, England.
Filed April 25, 1927. Serial No. 247,964. PUBLISHED JULY 12, 1927. Class 6.
- 232,997. SPLINED BOX ENDS FOR SHIPPING BOXES, CRATES, FRUIT CASES, AND THE LIKE. DANIELS & SCHUCK, INC., East Orange, N. J.
Filed April 25, 1927. Serial No. 247,933. PUBLISHED JUNE 28, 1927. Class 1.
- 232,998. HOUSEHOLD APPLIANCE COMPRISING A CARTON CONTAINING AN ICE-RECEIVING BAG AND A COMPLEMENTAL CRUSHING Mallet. NOVELTY MANUFACTURING COMPANY, Rockingham, N. C.
Filed April 21, 1927. Serial No. 247,812. PUBLISHED JULY 5, 1927. Class 50.
- 232,999. VEGETABLE OILS FOR FOOD PURPOSES—VIZ, COTTONSEED OIL, PEANUT OIL, SESAME OIL, CORN OIL, AND SOY-BEAN OIL. METROPOLITAN VEGETABLE OIL CO. INC., New York, N. Y.
Filed April 21, 1927. Serial No. 247,807. PUBLISHED JULY 12, 1927. Class 46.
- 233,000. VEGETABLE OILS FOR FOOD PURPOSES—VIZ, COTTONSEED OILS, CORN OIL, PEANUT OIL, SESAME OIL, AND SOY-BEAN OIL. METROPOLITAN VEGETABLE OIL CO. INC., New York, N. Y.
Filed April 21, 1927. Serial No. 247,806. PUBLISHED JULY 12, 1927. Class 46.
- 233,001. PLASTIC SUBSTANCE CONSISTING LARGE-ly OF WOOD OR OTHER FIBER, A BINDER, AND A SOLVENT FOR FILLING CRACKS AND CREVICES AND SURFACING WOOD OR OTHER MATERIALS PRELIMINARY TO THE APPLICATION OF PAINT OR OTHER FINISH. G. J. LIEBICH CO., Chicago, Ill.
Filed April 21, 1927. Serial No. 247,798. PUBLISHED JULY 5, 1927. Class 12.
- 233,002. HEATING-RADIATOR SHIELDS AND ENCLOSURES. W. H. JOHNSON & SON COMPANY, Indianapolis, Ind.
Filed April 21, 1927. Serial No. 247,797. PUBLISHED JUNE 14, 1927. Class 34.
- 233,003. BOOTS AND SHOES OF LEATHER, FABRIC, OR COMBINATIONS THEREOF. UTZ & DUNN COMPANY, Rochester, N. Y., assignor to Dunn & McCarthy, Inc., Auburn, N. Y.
Filed April 20, 1927. Serial No. 247,764. PUBLISHED JULY 5, 1927. Class 39.
- 233,004. TANNED LEATHER. R. NEUMANN & COMPANY, Hoboken, N. J.
Filed April 20, 1927. Serial No. 247,746. PUBLISHED JULY 5, 1927. Class 1.
- 233,005. SWIMMING SUITS. ARR TEE KNITTING MILLS, Philadelphia, Pa.
Filed April 19, 1927. Serial No. 247,661. PUBLISHED JULY 5, 1927. Class 39.
- 233,006. COAL. THE PAYNE COAL COMPANY, INC., Wilkes-Barre, Pa.
Filed April 16, 1927. Serial No. 247,564. PUBLISHED JULY 12, 1927. Class 1.

- 233,007. WOMEN'S AND CHILDREN'S WEARING APPAREL—NAMELY, OUTER CLOTHING, NAMELY, COATS, SUITS, DRESSES, NEGLIGES, FURS, SWEATERS, AND BLOUSES; UNDERCLOTHING, NAMELY, NIGHTGOWNS, PYJAMAS, DRAWERS, BRASSIÈRES, BLOOMERS, AND CHEMISES, VESTS, AND SLIPS; GLOVES OF LEATHER, AND HOSIERY. FELIX BRUNSCHWIG & CO. INC., El Paso, Tex.
Filed April 16, 1927. Serial No. 247,531. PUBLISHED JULY 5, 1927. Class 39.
- 233,008. HOSIERY. VOORHEES SALES COMPANY, INC., New York, N. Y.
Filed April 15, 1927. Serial No. 247,507. PUBLISHED JULY 5, 1927. Class 39.
- 233,009. SHOES MADE OF LEATHER. UNITED NOVELTY SHOE COMPANY, Indianapolis, Ind.
Filed April 15, 1927. Serial No. 247,506. PUBLISHED JULY 5, 1927. Class 39.
- 233,010. A MEDICINAL FOOD TONIC. THE SAVOY DRUG AND CHEMICAL COMPANY, Chicago, Ill.
Filed April 14, 1927. Serial No. 247,450. PUBLISHED JULY 12, 1927. Class 6.
- 233,011. TAPERED CORKS AND STOPPERS. CORK IMPORT CORPORATION, New York, N. Y.
Filed April 13, 1927. Serial No. 247,360. PUBLISHED JUNE 28, 1927. Class 50.
- 233,012. CHILDREN'S KNITTED UNDERWEAR. VAN DYKE KNITTING COMPANY, Milwaukee, Wis., assignor to Rice-Stix Dry Goods Company, St. Louis, Mo., a Corporation of Missouri.
Filed April 12, 1927. Serial No. 247,347. PUBLISHED JULY 5, 1927. Class 39.
- 233,013. NIGHTGOWNS, BATHING SUITS, AND WOMEN'S MISSES', AND CHILDREN'S UNDERWEAR MADE FROM KNITTED, NETTED, AND TEXTILE FABRICS, SUCH AS COTTON, SILK, AND RAYON AND SILK AND MUSLIN. AUERBACH COMPANY, Salt Lake City, Utah.
Filed April 7, 1927. Serial No. 247,060. PUBLISHED JULY 5, 1927. Class 39.
- 233,014. HOSIERY AND KNITTED AND TEXTILE UNDERWEAR IN ONE, TWO, AND THREE PIECE GARMENTS FOR WOMEN. ANTHONY KOBÉ, New York, N. Y.
Filed April 6, 1927. Serial No. 247,026. PUBLISHED JULY 5, 1927. Class 39.
- 233,015. BATTERY COMPOUND COMPRISING A POWDER MIXED IN THE CONTENTS OF A WET BATTERY TO PREVENT CORROSION OF THE BATTERY PLATES AND INCREASE THE POWER OF THE BATTERY. ARTHUR H. PEPIN, St. Paul, Minn.
Filed April 4, 1927. Serial No. 246,928. PUBLISHED JULY 12, 1927. Class 6.
- 233,016. UNDERWEAR MANUFACTURED FROM TEXTILE AND KNITTED FABRICS FOR MEN, WOMEN, AND CHILDREN. OPPENHEIM, OBERNDORF & CO. INC., Baltimore, Md.
Filed December 21, 1926. Serial No. 241,785. PUBLISHED JULY 5, 1927. Class 39.
- 233,017. MEN'S, WOMEN'S, AND CHILDREN'S HOSIERY; WOMEN'S AND CHILDREN'S DRESSES, COATS, AND SUITS; BLOOMERS, VESTS, JUMPERS, AND SWEATERS; MEN'S, WOMEN'S, AND CHILDREN'S UNDERWEAR OF KNITTED FABRIC AND TEXTILE FABRIC; AND NEGLIGEE SHIRTS. THE AMERICAN CELLEULOSE & CHEMICAL MANUFACTURING COMPANY, LTD., New York, N. Y., now by change of name Celanese Corporation of America, a Corporation of Delaware.
Filed October 28, 1926. Serial No. 239,349. PUBLISHED JULY 5, 1927. Class 39.
- 233,018. DYESTUFFS. NATIONAL ANILINE & CHEMICAL COMPANY, INCORPORATED, New York, N. Y.
Filed June 6, 1927. Serial No. 250,091. PUBLISHED JULY 12, 1927. Class 6.

- 233,019. LIQUID PREPARATION OR MAKE-UP FOR THE FACE AND BODY. "CAMRO" PRODUCT CO., Long Island City, N. Y.
Filed March 17, 1927. Serial No. 245,890. PUBLISHED JULY 12, 1927. Class 6.
- 233,020. CLOTHING—NAMES, MEN'S AND YOUNG MEN'S SUITS, OVERCOATS, TOPCOATS, TUXEDOS, SPORT SUITS, GOLF SUITS, AND CLOTH, FELT, AND STRAW HATS AND CAPS OF ALL DESCRIPTIONS. BOND STORES, INCORPORATED, New York, N. Y.
Filed March 17, 1927. Serial No. 245,887. PUBLISHED JULY 5, 1927. Class 39.
- 233,021. WORK CLOTHES—VIZ. OVERALLS, WORK SHIRTS, WORK COATS, AND JUMPERS. ADESLINGTON DRY GOODS CO., Lexington, Ky.
Filed March 17, 1927. Serial No. 245,879. PUBLISHED JULY 5, 1927. Class 39.
- 233,022. MEDICATED PREPARATIONS FOR HUMAN USE IN THE TREATMENT OF NEURASTHENIA. NONN, LIMITED, London, England.
Filed March 15, 1927. Serial No. 245,801. PUBLISHED JULY 12, 1927. Class 6.
- 233,023. PRESSING OIL, HAIR SHAMPOO, SPECIAL HAIR SHAMPOO, AND HAIR GROWER. MARY K. WATTS, Far Rockaway, N. Y.
Filed March 24, 1927. Serial No. 246,818. PUBLISHED JULY 12, 1927. Class 6.
- 233,024. MEDICINES MADE FROM ANIMAL ORGANS OR BODIES. CHEMICAL PRODUCTS FOR MEDICAL AND HYGIENIC PURPOSES MADE FROM ANIMAL ORGANS OR BODIES. PHARMACEUTICAL DRUGS AND PREPARATIONS MADE FROM ANIMAL ORGANS OR BODIES. LIQUID AND DRY EXTRACTS MADE FROM ANIMAL ORGANS OR BODIES. DRIED ANIMAL ORGANS FOR THE TREATMENT OF ORGANIC DISEASES WHICH ARE DUE TO A HORMONAL WEAKNESS OF THE ORGANS IN QUESTION. ERNST SILTEN, Berlin, Germany.
Filed March 12, 1927. Serial No. 245,664. PUBLISHED JULY 12, 1927. Class 6.
- 233,025. NECKTIES INCLUDING FOUR-IN-HANDS, BAT TIES, AND READY-MADE BOWS AND CRAVATS. L. FRIEDMAN NECKWEAR CORPORATION, Milwaukee, Wis.
Filed April 4, 1927. Serial No. 246,895. PUBLISHED JULY 5, 1927. Class 39.
- 233,026. HOSIERY. CLIMAX HOSIERY MILLS, Athens, Ga.
Filed May 9, 1927. Serial No. 248,738. PUBLISHED JULY 5, 1927. Class 39.
- 233,027. INTESTINAL GERMICIDES. DR. KADE'S MEDICINISCH-PHARMACEUTISCHES FABRIKATIONS- U. EXPORTGESCHÄFT DR. FRANZ LUTZE, Berlin, Germany.
Filed February 23, 1927. Serial No. 244,773. PUBLISHED JULY 12, 1927. Class 6.
- 233,028. COAL. CAMPBELL COAL COMPANY, Marietta, Atlanta, Ga.
Filed February 18, 1927. Serial No. 244,540. PUBLISHED JULY 5, 1927. Class 1.
- 233,029. LEATHER. BARNETT LEATHER CO., INC., New York, N. Y.
Filed February 15, 1927. Serial No. 244,387. PUBLISHED JULY 5, 1927. Class 1.
- 233,030. MEDICINE FOR EXTERNAL APPLICATION FOR SOFTENING AND RESTORING A HEALTHY ACTION IN THE UDDER OF A COW IN ORDER TO STIMULATE THE UDDER AND TO PRODUCE A GREATER QUANTITY OF MILK. ARE J. WEAVER, doing business as Weaver Manufacturing Company, Mesopotamia, Ohio.
Filed February 10, 1927. Serial No. 244,197. PUBLISHED JULY 12, 1927. Class 6.
- 233,031. CORSETS, APRONS (CLOTHING), BLOOMERS, BLOUSES, BRASSIÈRES, CAPES, BATHING CAPS, SUITS, AND BATHING SHOES. CHEMISES; READY-MADE CLOTHING—NAMES. EVENING GOWNS, SPORTS COATS, AND RUBBERIZED RAINCOATS; FELT WOOL BOOTS, FUR COATS, AND JACKETS; WOMEN'S HATS OF STRAW, FELT, AND PANAMA; KIMONAS. KNITTED AND TEXTILE UNDERWEAR FOR WOMEN, NECK SCARFS. THE PALAIS ROYAL, INC., Washington, D. C.
Filed February 9, 1927. Serial No. 244,098. PUBLISHED JULY 5, 1927. Class 39.
- 233,032. LADIES' NECKWEAR—NAMES, LACE, SILK, AND LINEN COLLARS AND VESTES. KADET-KRUGER & CO., Chicago, Ill.
Filed February 5, 1927. Serial No. 243,857. PUBLISHED JULY 5, 1927. Class 39.
- 233,033. DYSPEPSIA TABLETS. A. C. LAVERGNE, Crowley, La.
Filed January 31, 1927. Serial No. 243,609. PUBLISHED JULY 12, 1927. Class 6.
- 233,034. EYEDROPS, EARDROPS, NOSEDROPS, GARGLE FOR SORE THROAT AND TONSILLITIS, GUM-TREATING PREPARATION, MOUTH WASH, AND A LINIMENT FOR TREATING RHEUMATISM. JAMES A. FILLIS, Brooklyn, N. Y.
Filed January 22, 1927. Serial No. 243,203. PUBLISHED JULY 12, 1927. Class 6.
- 233,035. OLIVES. MARIE ALICE KAUFMANN HITZFELD, VIUDA DE DIEGO GOMEZ, Seville, Spain.
Filed January 21, 1927. Serial No. 243,153. PUBLISHED JULY 12, 1927. Class 46.
- 233,036. LIQUID PAINTS FOR COATING METALS, WOOD, FABRICS, AND OTHER MATERIALS. MORISO LIMITED, Sydney, New South Wales, Australia.
Filed January 19, 1927. Serial No. 243,059. PUBLISHED JULY 12, 1927. Class 16.
- 233,037. HYDRATED LIME. GRAND CANYON LIME & CEMENT CO., Los Angeles, Calif.
Filed January 12, 1927. Serial No. 242,720. PUBLISHED JULY 5, 1927. Class 12.
- 233,038. GRAHAM CRACKERS, FRUIT CRACKERS, OATMEAL WAFERS; CREAM STICKS—NAMES. A WHOLE-WHEAT PREPARATION MADE UP WITH SWEET CREAM TO BE BAKED AND TOASTED IN AN OVEN BEFORE SERVING; BREAKFAST TOAST, WHOLE-WHEAT WAFERS, ZWIEBACK, PRUNE MARMALADE, BLACK FIG MARMALADE, WHITE FIG MARMALADE, AND CANDY. BATTLE CREEK FOOD CO., Battle Creek, Mich.
Filed January 10, 1927. Serial No. 242,563. PUBLISHED JULY 12, 1927. Class 46.
- 233,039. PREPARATIONS INTENDED TO RENDER PIMPLES TEMPORARILY INVISIBLE AND FOR USE AS A STYPTIC FOR USE AFTER SHAVING AND FOR COLD SORES, CUTS, AND THE LIKE. THE PA-LU COMPANY, Washington, D. C.
Filed January 5, 1927. Serial No. 242,392. PUBLISHED JULY 12, 1927. Class 6.
- 233,040. OVERALLS. F. S. JONES CO., St. Paul, Minn.
Filed January 4, 1927. Serial No. 242,341. PUBLISHED JULY 5, 1927. Class 39.
- 233,041. MEDICAL PREPARATION FOR USE IN THE TREATMENT OF ECZEMA. MIDWEST SANITARIUM CORPORATION, Minneapolis, Minn.
Filed December 30, 1926. Serial No. 242,201. PUBLISHED JULY 12, 1927. Class 6.
- 233,042. COAL AND COKE. THE C. G. BLAKE COMPANY, INC., Cincinnati, Ohio.
Filed May 20, 1927. Serial No. 249,261. PUBLISHED JULY 12, 1927. Class 1.

- 233,043. INSECTICIDE. THE HOWELL COMPANY, INC., New Orleans, La.
Filed May 21, 1927. Serial No. 249,353. PUBLISHED JULY 12, 1927. Class 6.
- 233,044. LOGS. ICHABOD T. WILLIAMS & SONS, New York, N. Y.
Filed May 21, 1927. Serial No. 249,398. PUBLISHED JULY 12, 1927. Class 1.
- 233,045. COAL. WESTERN COAL & COKE CO., Milwaukee, Wis.
Filed May 26, 1927. Serial No. 249,625. PUBLISHED JULY 12, 1927. Class 1.
- 233,046. ANTIARTHRITIC, ANTIRHEUMATIC, ANTI-PYRETIC MEDICINES, AND URIC-ACID ELIMINANTS. CHEMICO-BIOLOGIC LABORATORIES, INCORPORATED, New York, N. Y.
Filed May 27, 1927. Serial No. 249,640. PUBLISHED JULY 12, 1927. Class 6.
- 233,047. COMPOSITION OF EARTHY MATERIALS FOR WALLS, CEILINGS, AND FLOORS AND A FILLER FOR CRACKS AND CREVICES. CRAFTEX COMPANY, Brighton, Mass.
Filed May 27, 1927. Serial No. 249,642. PUBLISHED JULY 12, 1927. Class 12.
- 233,048. LIME. THE WOODVILLE LIME PRODUCTS CO., Toledo, Ohio.
Filed May 27, 1927. Serial No. 249,688. PUBLISHED JULY 5, 1927. Class 12.
- 233,049. LIME. THE WOODVILLE LIME PRODUCTS CO., Toledo, Ohio.
Filed May 27, 1927. Serial No. 249,689. PUBLISHED JULY 5, 1927. Class 12.
- 233,050. LIME. THE WOODVILLE LIME PRODUCTS CO., Toledo, Ohio.
Filed May 27, 1927. Serial No. 249,690. PUBLISHED JULY 5, 1927. Class 12.
- 233,051. HOSIERY. MELVILLE SHOE CORPORATION, New York, N. Y.
Filed May 9, 1927. Serial No. 248,704. PUBLISHED JULY 5, 1927. Class 39.
- 233,052. SHOE FORMS. THE SHOE FORM CO., INC., Auburn, N. Y.
Filed May 9, 1927. Serial No. 248,731. PUBLISHED JULY 12, 1927. Class 50.
- 233,053. TALKING-MOTION-PICTURE FILMS. PATRICK A. POWERS, Los Angeles, Calif., and New York, N. Y.
Filed May 28, 1927. Serial No. 249,750. PUBLISHED JULY 12, 1927. Class 26.
- 233,054. LIME. AUGUSTA LIME COMPANY, Staunton, Va.
Filed May 31, 1927. Serial No. 249,775. PUBLISHED JULY 5, 1927. Class 12.
- 233,055. MEDICINAL TABLETS FOR USE BY WOMEN IN RELIEVING MENSTRUAL PAIN. LABORATORIES JAO INCORPORATED, New York, N. Y.
Filed June 1, 1927. Serial No. 249,853. PUBLISHED JULY 12, 1927. Class 6.
- 233,056. INSECTICIDES. THE TEXAS COMPANY, Houston, Tex., and New York, N. Y.
Filed June 1, 1927. Serial No. 249,875. PUBLISHED JULY 12, 1927. Class 6.
- 233,057. LOTION FOR THE TREATMENT OF THE EYES. F. C. CARLSON, Boston, Mass.
Filed June 3, 1927. Serial No. 249,947. PUBLISHED JULY 12, 1927. Class 6.
- 233,058. A PILE REMEDY PUT UP IN TUBE AND BOX (TIN) FORM. THE MAZ CO., Altoona, Pa.
Filed June 3, 1927. Serial No. 249,978. PUBLISHED JULY 12, 1927. Class 6.
- 233,059. DYESTUFFS. NATIONAL ANILINE & CHEMICAL COMPANY, INCORPORATED, New York, N. Y.
Filed June 3, 1927. Serial No. 249,987. PUBLISHED JULY 12, 1927. Class 6.
- 233,060. DEPILATORIES. FEVRIER & DECOISY, Paris, France.
Filed June 4, 1927. Serial No. 250,019. PUBLISHED JULY 12, 1927. Class 6.
- 233,061. TALC POWDER. COLGATE & COMPANY, Jersey City, N. J., and New York, N. Y.
Filed June 6, 1927. Serial No. 250,068. PUBLISHED JULY 12, 1927. Class 6.
- 233,062. COATS, TROUSERS, MEN'S AND BOYS' SUITS AND OVERCOATS. GEO. R. BLISS & SON, INC., Worcester, Mass.
Filed May 9, 1927. Serial No. 248,669. PUBLISHED JULY 5, 1927. Class 39.
- 233,063. BOYS' SUITS, EXTRA COATS, OVERCOATS, AND WORK COATS. HAVENS-BLAIR-CARTLICH, Kansas City, Mo.
Filed May 7, 1927. Serial No. 248,636. PUBLISHED JULY 5, 1927. Class 39.
- 233,064. METAL LATH. THE EDWARDS MANUFACTURING COMPANY, Cincinnati, Ohio.
Filed May 7, 1927. Serial No. 248,624. PUBLISHED JULY 5, 1927. Class 12.
- 233,065. OINTMENT FOR RUBBING MUSCLES AND SURFACE TREATMENT OF TISSUES AND JOINTS, FOR PAINS, ACHES, BRUISES, LACERATIONS, RHEUMATISM, MUSCLE STRAIN, AND TISSUE WEAKNESS IN AFFLICTIONS LIKE RUPTURE, VARICOSE CONDITIONS, COLDS, AND COMPLAINTS DUE TO CONGESTION. PLAPAO LABORATORIES, INC., doing business as Stuart P. P. Company, St. Louis, Mo.
Filed May 5, 1927. Serial No. 248,513. PUBLISHED JULY 12, 1927. Class 6.
- 233,066. COAL. F. M. SPENCER COAL CO., Columbus, Ohio.
Filed May 4, 1927. Serial No. 248,449. PUBLISHED JULY 5, 1927. Class 1.
- 233,067. COAL. OLD BEN COAL CORPORATION, Chicago, Ill.
Filed May 4, 1927. Serial No. 248,424. PUBLISHED JUNE 28, 1927. Class 1.
- 233,068. COAL. LAKE AND EXPORT COAL CORPORATION OF NEW YORK, New York, N. Y.
Filed May 4, 1927. Serial No. 248,413. PUBLISHED JULY 12, 1927. Class 1.
- 233,069. DIE-CASTING METAL AND DIE CASTINGS. DOENLER DIE-CASTING CO., Brooklyn, N. Y.
Filed May 4, 1927. Serial No. 248,398. PUBLISHED JULY 12, 1927. Class 14.
- 233,070. ASPHALTIC PAVING MATERIAL. WEST PROCESS PAVEMENT COMPANY, INCORPORATED, Louisville, Ky.
Filed May 3, 1927. Serial No. 248,382. PUBLISHED JUNE 28, 1927. Class 12.
- 233,071. ALIMENTARY PASTE PRODUCTS—NOODLES, MACARONI, SPAGHETTI, VERMICELLI—IN VARIOUS STYLES AND FORMS. THE PFAFFMANN EGG NOODLE COMPANY, Cleveland, Ohio.
Filed May 3, 1927. Serial No. 248,374. PUBLISHED JULY 12, 1927. Class 46.
- 233,072. BRICK, FLOOR TILE, AND ROOF TILE. FREDERICK H. RUPPEL, Los Angeles, Calif.
Filed May 2, 1927. Serial No. 248,325. PUBLISHED JUNE 28, 1927. Class 12.
- 233,073. PREPARATION FOR USE AS A DEODORANT, BLEACH, AND AN ANTISEPTIC CLEANSER FOR HOUSEHOLD SANITATION. CHAUNCEY A. GRAVES, Duluth, Minn.
Filed April 30, 1927. Serial No. 248,230. PUBLISHED JULY 12, 1927. Class 6.
- 233,074. BLANKET ROBES FOR PERSONAL WEARING APPAREL, BATH ROBES, LOUNGING ROBES, AND HOUSE ROBES. BEHRNS & KASHINS, INC., New York, N. Y.
Filed April 30, 1927. Serial No. 248,218. PUBLISHED JULY 5, 1927. Class 39.

- 233,075. FIREPLACES. THE READYBUILT PRODUCTS COMPANY, Baltimore, Md.
Filed April 29, 1927. Serial No. 248,196. PUBLISHED JULY 5, 1927. Class 12.
- 233,076. MEN'S AND BOYS' CLOTHING COMPRISING MEN'S AND BOYS' SUITS AND OVERCOATS, LUMBER JACKETS, EXTRA PANTS, AND MEN'S GOLF SUITS. MISSOURI CLOTHING CO., St. Louis, Mo.
Filed April 29, 1927. Serial No. 248,184. PUBLISHED JULY 5, 1927. Class 39.
- 233,077. CLOTHING FOR MEN—NAMELY, SUITS, OVERCOATS, TUXEDOS, FULL-DRRESS SUITS, TROUSERS, AND SPORT COATS AND SPORT JACKETS. JOSEPH H. COHEN & SONS, VANITY CLOTHES, INC., New York, N. Y.
Filed April 29, 1927. Serial No. 248,158. PUBLISHED JULY 5, 1927. Class 39.
- 233,078. RAINCOATS FOR MEN, WOMEN, AND CHILDREN AND SUITS FOR MEN AND BOYS. THE COMER MANUFACTURING COMPANY, doing business as Dayton Textile Co., Dayton, Ohio.
Filed April 28, 1927. Serial No. 248,089. PUBLISHED JULY 5, 1927. Class 39.
- 233,079. LEATHER AND RUBBER BOOTS AND SHOES. ENDICOTT JOHNSON CORPORATION, Endicott, N. Y.
Filed April 27, 1927. Serial No. 248,035. PUBLISHED JULY 5, 1927. Class 39.
- 233,080. LEATHER AND RUBBER BOOTS AND SHOES. ENDICOTT JOHNSON CORPORATION, Endicott, N. Y.
Filed April 27, 1927. Serial No. 248,034. PUBLISHED JULY 5, 1927. Class 39.
- 233,081. LEATHER AND RUBBER BOOTS AND SHOES. ENDICOTT JOHNSON CORPORATION, Endicott, N. Y.
Filed April 27, 1927. Serial No. 248,033. PUBLISHED JULY 5, 1927. Class 39.
- 233,082. STAIR-TREAD MATS. JOHN P. WETTACH, Pittsburgh, Pa.
Filed October 25, 1926. Serial No. 239,211. PUBLISHED JUNE 28, 1927. Class 50.
- 233,083. SILK AND COTTON PIECE GOODS. CLARENCE WHITMAN & SONS, INC., New York, N. Y.
Filed May 28, 1927. Serial No. 249,762. PUBLISHED JULY 12, 1927. Class 42.
- 233,084. POCKET COIN HOLDERS. THE BANKETTE CO., Boston, Mass.
Filed February 24, 1927. Serial No. 244,812. PUBLISHED JULY 12, 1927. Class 2.
- 233,085. PRINTED WEEKLY PUBLICATIONS USED AS A HOUSE ORGAN AND ALSO FOR DISTRIBUTION TO THE TRADE. THE UPSON COMPANY, Lockport, N. Y.
Filed February 18, 1927. Serial No. 244,582. PUBLISHED JULY 5, 1927. Class 38.
- 233,086. A CLEANING MATERIAL HAVING INCIDENTAL WATER-SOFTENING PROPERTIES AND COMPRISING A NONSOAPY SUBSTANCE CONSISTING OF CERTAIN CHEMICAL INGREDIENTS COMPOUNDED TOGETHER. PURITY CHEMICAL PRODUCTS COMPANY, Santa Rosa, Calif.
Filed February 18, 1927. Serial No. 244,572. PUBLISHED JULY 5, 1927. Class 4.
- 233,087. WASHING FLUID CONTAINING A BLEACHING AGENT. JOHN RICCARDI, doing business as Roman Cleanser Company, Detroit, Mich.
Filed February 10, 1927. Serial No. 244,184. PUBLISHED JULY 5, 1927. Class 4.
- 233,088. WASHING FLAKES. BLU-LAC, INCORPORATED, San Francisco, Calif.
Filed February 7, 1927. Serial No. 243,922. PUBLISHED JULY 12, 1927. Class 4.

- 233,089. SHOT SHELLS. FEDERAL CARTRIDGE CORP., Minneapolis, Minn.
Filed January 27, 1927. Serial No. 243,431. PUBLISHED JULY 12, 1927. Class 9.
- 233,090. EYE SHADES, EYE BLINDS, AND FACE MASKS. JOSEPH B. MOSSMAN, New Brighton, N. Y.
Filed June 17, 1926. Serial No. 233,885. PUBLISHED JULY 12, 1927. Class 44.
- 233,091. FRESH FRUITS AND VEGETABLES. WALLA WALLA GARDENER'S ASSOCIATION, Walla Walla, Wash.
Filed June 1, 1926. Serial No. 232,596. PUBLISHED JULY 12, 1927. Class 46.
- 233,092. PUBLICATIONS—NAMELY, PRINTS SHOWING APPROVED PLUMBING INSTALLATIONS. NATIONAL ASSOCIATION OF MASTER PLUMBERS, Wilmington, Del.
Filed March 20, 1925. Serial No. 211,369. PUBLISHED JULY 12, 1927. Class 38.
- 233,093. OIL-FIELD CEMENT-CONTROLLING CHEMICAL PREPARATIONS ADAPTED TO EFFECT INCREASE IN TENSILE AND COMPRESSIVE STRENGTH, ACCELERATE THE SET, AND PRODUCE WATERPROOFING PROPERTIES IN CEMENT. THE MASTER BUILDERS COMPANY, Cleveland, Ohio.
Filed October 11, 1926. Serial No. 238,447. PUBLISHED JUNE 28, 1927. Class 12.
- 233,094. CANNED FRUITS, CANNED VEGETABLES, CRUSHED FRUIT, AND CANNED SALMON. OLYMPIC FOODS, INC., Seattle, Wash.
Filed September 20, 1926. Serial No. 237,469. PUBLISHED JULY 12, 1927. Class 46.
- 233,095. SLICKERS, RAINCOATS, SHEEPSKIN COATS, AND RAIN HATS. CRESCENT RUBBER COMPANY, INC., New York, N. Y.
Filed September 18, 1926. Serial No. 237,407. PUBLISHED JULY 5, 1927. Class 39.
- 233,096. KNITTED ARTICLES OF CLOTHING—TO WIT, CHILDREN'S SOCKS AND HOSE, GIRLS' HOSE, LADIES' HOSE, GOLF HOSE, SUITS, JUMPERS, PULL-OVERS, AND CARDIGANS, MEN'S HALF HOSE, GOLF HOSE, PULL-OVERS, CARDIGANS, AND VESTS. TRAFALGAR HOSIERY LTD., London, England.
Filed June 23, 1926. Serial No. 233,663. PUBLISHED OCTOBER 5, 1926. Class 39.
- 233,097. BUILDING STRUCTURES FOR USE IN PARKING AUTOMOBILES. MOTOR SHOPPERS PARKADROME MARKETS, INC., Reno, Nev.
Filed June 23, 1926. Serial No. 233,652. PUBLISHED JULY 5, 1927. Class 12.
- 233,098. CANNED FRUITS. LINCOLN PACKING CO., Lincoln, Calif.
Filed June 9, 1926. Serial No. 232,926. PUBLISHED JULY 12, 1927. Class 46.
- 233,099. LAXATIVE FOR THE TREATMENT OF CONSTIPATION AND KINDRED ILLS. THOMAS CHRISTY, doing business as Christy Medicine Company, St. Louis, Mo.
Filed May 27, 1926. Serial No. 232,321. PUBLISHED JULY 12, 1927. Class 6.
- 233,100. LOGS. MANAHACHI NAKATA, doing business as M. Nakata Co., Seattle, Wash.
Filed April 21, 1926. Serial No. 230,496. PUBLISHED JULY 12, 1927. Class 1.
- 233,101. PLANTS FOR TRANSPLANTING—NAMELY, CABBAGE PLANTS, ONION, TOMATO, AND POTATO PLANTS. THE SOUTHERN PLANT GROWERS' ASSOCIATION, doing business as Alexander County Nurseries, Empire Plant Company, and the Jefferson Farms, Albany, Ga.
Filed April 13, 1926. Serial No. 230,130. PUBLISHED JUNE 28, 1927. Class 1.

- 233,102. PARTLY-PREPARED PRODUCTS CONSISTING OF FABRIC IMPREGNATED WITH A STIFFENING SUBSTANCE. THE CELASTIC CORPORATION, Wilmington, Del., and Arlington, N. J.
Filed April 13, 1926. Serial No. 230,085. PUBLISHED JUNE 28, 1927. Class 1.
- 233,103. KITCHEN AND HOUSEHOLD TOOLS OR UTENSILS—TO WIT, CAKE TURNERS, SPATULAS, POTATO MASHERS, KNIVES, ICE PICKS, KITCHEN FORKS, APPLE CORERS, CAN OPENERS, KITCHEN TROWELS, EGG BEATERS, AND VARIOUS TYPES OF KITCHEN SPOONS INCLUDING STRAINER SPOONS, BATTER SPOONS, BASTING SPOONS, STIRRING SPOONS, AND MIXING SPOONS. THE A. & J. MANUFACTURING CO., Binghamton, N. Y.
Filed February 24, 1926. Serial No. 227,707. PUBLISHED NOVEMBER 23, 1926. Class 23.
- 233,104. KITCHEN AND HOUSEHOLD TOOLS OR UTENSILS—TO WIT, CAKE TURNERS, SPATULAS, POTATO MASHERS, KNIVES, ICE PICKS, KITCHEN FORKS, APPLE CORERS, CAN OPENERS, KITCHEN TROWELS, EGG BEATERS, AND VARIOUS TYPES OF KITCHEN SPOONS INCLUDING STRAINER SPOONS, BATTER SPOONS, BASTING SPOONS, STIRRING SPOONS, AND MIXING SPOONS. THE A. & J. MANUFACTURING CO., Binghamton, N. Y.
Filed February 24, 1926. Serial No. 227,706. PUBLISHED NOVEMBER 23, 1926. Class 23.
- 233,105. ORNAMENTED FABRICS MADE OF SILK, COTTON, WOOL, OR COMBINATIONS THEREOF IN THE PIECE. CHRYSSI ANDREWS, doing business as Andre Velvo Art Craft Co., New York, N. Y.
Filed May 29, 1926. Serial No. 232,445. PUBLISHED JULY 12, 1927. Class 42.
- 233,106. OLIVE OIL. SIMONCELLI BROS., Scranton, Pa.
Filed May 7, 1926. Serial No. 231,284. PUBLISHED JULY 5, 1927. Class 46.
- 233,107. PIANOS AND PLAYER PIANOS. WALDORF PIANO CO., New York, N. Y.
Filed May 6, 1926. Serial No. 231,221. PUBLISHED JULY 12, 1927. Class 36.
- 233,108. CINEMATOGRAPHIC FILMS. PATHE EXCHANGE, INC., New York, N. Y.
Filed May 6, 1926. Serial No. 231,208. PUBLISHED JULY 12, 1927. Class 26.
- 233,109. CINEMATOGRAPHIC FILMS. PATHE EXCHANGE, INC., New York, N. Y.
Filed May 6, 1926. Serial No. 231,207. PUBLISHED JULY 12, 1927. Class 26.
- 233,110. CINEMATOGRAPHIC FILMS. PATHE EXCHANGE, INC., New York, N. Y.
Filed May 6, 1926. Serial No. 231,206. PUBLISHED JULY 12, 1927. Class 26.

- 233,111. SOAP. U. S. SANITARY SPECIALTIES CORPORATION, Chicago, Ill.
Filed April 19, 1926. Serial No. 230,427. PUBLISHED JULY 12, 1927. Class 4.
- 233,112. BICYCLES. IVER JOHNSON'S ARMS & CYCLE WORKS, Fitchburg, Mass.
Filed April 3, 1926. Serial No. 229,632. PUBLISHED JULY 12, 1927. Class 19.
- 233,113. SANDWICHES AND COFFEE (BEAN OR GROUND). DUNCAN, SPRANKLE & TURGEON, New York, N. Y., assigns to Oasis, Incorporated, New York, N. Y., a Corporation of New Jersey.
Filed March 30, 1926. Serial No. 229,382. PUBLISHED JULY 5, 1927. Class 46.
- 233,114. SANDWICHES. DUNCAN, SPRANKLE & TURGEON, New York, N. Y., assigns to Oasis, Incorporated, New York, N. Y., a Corporation of New Jersey.
Filed March 30, 1926. Serial No. 229,381. PUBLISHED JULY 5, 1927. Class 46.
- 233,115. SANDWICHES AND COFFEE (BEAN OR GROUND). DUNCAN, SPRANKLE & TURGEON, New York, N. Y., assigns to Oasis, Incorporated, New York, N. Y., a Corporation of New Jersey.
Filed March 30, 1926. Serial No. 229,380. PUBLISHED JULY 5, 1927. Class 46.
- 233,116. SANDWICHES AND COFFEE (BEAN OR GROUND). DUNCAN, SPRANKLE & TURGEON, New York, N. Y., assigns to Oasis, Incorporated, New York, N. Y., a Corporation of New Jersey.
Filed March 30, 1926. Serial No. 229,378. PUBLISHED JULY 5, 1927. Class 46.
- 233,117. SANDWICHES. DUNCAN, SPRANKLE & TURGEON, New York, N. Y., assigns to Oasis, Incorporated, New York, N. Y., a Corporation of New Jersey.
Filed March 30, 1926. Serial No. 229,379. PUBLISHED JULY 5, 1927. Class 46.
- 233,118. PHOTOGRAPHS. CLYDE BANKS, Bellingham, Wash.
Filed March 22, 1926. Serial No. 228,963. PUBLISHED JULY 12, 1927. Class 38.
- 233,119. SELF-RISING FLOUR. CADICK MILLING COMPANY, Grandview, Ind.
Filed September 23, 1925. Serial No. 220,638. PUBLISHED MARCH 2, 1926. Class 46.
- 233,120. BREAD. JOHN H. BULLOCK, Cohoes, N. Y.
Filed August 10, 1925. Serial No. 218,596. PUBLISHED JULY 5, 1927. Class 46.
- 233,121. BABY WALKERS, BASSINETS, BEDS, ETC. THE JAKE TENNENBAUM COMPANY, Cincinnati, Ohio.
Filed April 14, 1925. Serial No. 212,704. PUBLISHED JULY 12, 1927. Class 32.

[ACT OF MARCH 19, 1920, SEC. 1 (b)].

THESE REGISTRATIONS ARE NOT SUBJECT TO OPPOSITION.

- 233,122. (CLASS 15. OILS AND GREASES.) THE QUAKER PETROLEUM COMPANY, Omaha, Nebr. Filed June 27, 1927. Serial No. 251,207.

Pennfield

Particular description of goods.—Lubricating Oils.
Claims use since June 15, 1925.

CLEANRITE

Particular description of goods.—Shoe Polish, Shoe-Cleaning Solutions, Cleaning Solutions for Removing Stains from Clothing of All Kinds, Polishing Solutions for Cleaning Military, Personal, and Ordnance Equipment, Cleaning Solutions for Military Clothing, Ammunition Belts, Leggings, Etc.
Claims use since Jan. 15, 1926.

233,124. (CLASS 40. FOODS AND INGREDIENTS OF FOODS.) TWENTIETH CENTURY BAKERY, INC., Haverhill, Mass. Filed May 26, 1927. Serial No. 249,621.

**Ye Old Fashioned
Potato Bread**

Particular description of goods.—Bread.
Claims use since Jan. 1, 1926.

233,125. (CLASS 5. ADHESIVES.) RUBANK, INC., Chicago, Ill. Filed Apr. 1, 1927. Serial No. 246,778.

FASTGLU

Particular description of goods.—Cement for Musical Instruments.
Claims use since Jan. 2, 1926.

233,126. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) C. A. F. KAHLBAUM CHEMISCHE FABRIK GESELLSCHAFT MIT BESCHRÄNKTER HAFTUNG, Berlin, Germany. Filed Mar. 30, 1927. Serial No. 246,612.

Kahlbaum

Particular description of goods.—Medicinal Preparations for the Treatment of Troubles of the Stomach, Diseases of the Bowels, Vagus System, Diabetes, Neuralgia; Purgatives, Medicinal Dietetic Preparations, Preparations for Internal Use for the Purpose of Facilitating the Taking of X-Ray Pictures of Internal Organs, Anæsthetics.
Claims use since about September, 1920.

233,127. (CLASS 12. CONSTRUCTION MATERIALS.) CURTIS COMPANIES, INCORPORATED, Clinton, Iowa. Filed July 5, 1927. Serial No. 251,490.

**1866
CURTIS**

Particular description of goods.—Sashes, Doors, Blinds, Stairways, Wooden Moldings, Wooden Frames for Doors and Windows, Structural Wooden Brackets, Wooden Bannisters, Wooden Columns and Newels, Porch Rails, Permanent Built-In Pedestals, Permanent Built-In Bookcases, Built-In Mantel Shelves, Built-In Kitchen Cupboards, Paneling, Flooring, Wooden Store Fronts, Complete Stairs, Stair Parts, Built-In China Closets, Built-In Dining-Room Alcoves, Built-In Breakfast Nooks, Built-In Medicine Cases, Built-In Hanging Cases, Built-In Mantels, Built-In Tray Cases, Built-In Linen Cases, Built-In Dressing Tables, Porch Columns, Porch Newels, Porch Brackets, Porch Balusters, Windows, Screen Doors and Built-In Screen Windows, Door Frames and Window Frames, Entrance Frames, Interior and Exterior Moldings, Door and Window Trim.
Claims use since June 30, 1913.

233,128. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) THE CARBON PRODUCTS COMPANY, Lancaster, Ohio. Filed July 5, 1927. Serial No. 251,485.

OHIO

Particular description of goods.—Dry Cells and Dry Batteries.
Claims use since December, 1923.

233,129. (CLASS 2. RECEPTACLES.) HUGH C. ALLEN, doing business as Allen Picking Bag Co., Orlando, Fla. Filed June 29, 1927. Serial No. 251,291.

ALLEN'S

Particular description of goods.—Fruit Picking Bags.
Claims use since December, 1912.

233,130. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) GEORGE ZANINOVICH, doing business as Orange Cove Fruit Co. and Zaninovich Bros., Orange Cove and Orosi, Calif. Filed July 20, 1927. Serial No. 252,360.

ORANGE COVE

Particular description of goods.—Fresh Grapes.
Claims use since Aug. 15, 1922.

233,131. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) A. A. VANLINE & CO., INC., New York, N. Y. Filed July 19, 1927. Serial No. 252,295.

**Vanline's
MILK BASE
FACE POWDER**

Particular description of goods.—Face Powder.
Claims use since July, 1926.

233,132. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) HENDRIX AQUA LAX COMPANY, El Dorado Springs, Mo. Filed July 16, 1927. Serial No. 252,151.

AQUA LAX

Particular description of goods.—Laxative.
Claims use since Mar. 25, 1926.

233,133. (CLASS 5. ADHESIVES.) THE FIRESTONE TIRE AND RUBBER COMPANY, Akron, Ohio. Filed July 15, 1927. Serial No. 252,097.

HOLDFAST

Particular description of goods.—Friction Tape and Inner-Tube Patches and Patch Stock.
Claims use since Oct. 15, 1914.

233,134. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) THE ENTERPRISE MANUFACTURING COMPANY, Akron, Ohio. Filed July 14, 1927. Serial No. 252,038.

KLEEN

Particular description of goods.—Fish Sealers.
Claims use since on or about Feb. 17, 1926.

233,135. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) CHARLES LEWIS BRINTON, Swissvale, Pa. Filed July 13, 1927. Serial No. 251,945.

QUIK-WELD

Particular description of goods.—Kits Used in Repair of Rubber Tires, Tubes, and All Flexible Rubber and Rubber-Coated Goods.
Claims use since July 1, 1925.

233,136. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) NATIONAL METAL MOLDING COMPANY, Pittsburgh, Pa. Filed Feb. 27, 1926. Serial No. 227,903.

Wireloom
Loom Sheath Cable

Particular description of goods.—Cables with Non-metallic Protective Covering for Concealed and Open Electric Wiring.
Claims use since Feb. 23, 1926.

233,137. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) THE ANKLARCH COMPANY, Inc., Lexington, Ky. Filed Jan. 25, 1926. Serial No. 226,328.

Anklelets

Particular description of goods.—Ankle Braces and Supports.
Claims use since August, 1925.

233,138. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) PHILIP A. BIRNBACH, doing business as Birnbach Radio Co., New York, N. Y. Filed July 15, 1925. Serial No. 217,390.

Riga

Particular description of goods.—Battery Cable.
Claims use since Sept. 15, 1924.

233,139. (CLASS 36. MUSICAL INSTRUMENTS AND SUPPLIES.) PAUL AUGUST REINMUND FRANK, Hamburg 1, Bieberhaus, Germany. Filed Mar. 20, 1925. Serial No. 211,348.

Frank-Reiner

Particular description of goods.—String Instruments—Viz. Violins, Banjos, Guitars, Cellos, Pianos, Planolas, Mandolins, and Balalarkas (Russian) and Parts of the Same; and Talking Machines.
Claims use since Aug. 14, 1922.

233,140. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) EDWARD J. FAX, New York, N. Y. Filed Aug. 2, 1927. Serial No. 252,896.

PARFUMERIE DE RAYMOND

Particular description of goods.—Perfumes, Toilet Water, Hair Tonic, Shampoo Oil, Face Powder, Lip Rouge, Face Rouge, Talcum Powder, Cold Cream, Vanishing Cream, Brillantine, Nail Polish, and Deodorizing Preparations.
Claims use since June 1, 1925.

233,141. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) PHENIX CHEESE CORPORATION, New York, N. Y. Filed Jan. 4, 1927. Serial No. 242,349.

**Ye Olde Sharpe
Cheese**

Particular description of goods.—Cheese.
Claims use since Jan. 1, 1922.

233,142. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ROBINSON SYRUP COMPANY, Cairo, Ga. Filed Aug. 26, 1926. Serial No. 236,501.

**MAPLE
SWEET**

Particular description of goods.—Table Sirup.
Claims use since July 1, 1926.

233,143. (CLASS 32. FURNITURE AND UPHOLSTERY.) THE KOMPAK-KASE MANUFACTURING COMPANY, Junction City, Kans. Filed Aug. 21, 1926. Serial No. 236,275.

KOMPAK-KASE

Particular description of goods.—Grocery or the Like Storage and Display Devices.
Claims use since May 25, 1926.

233,144. (CLASS 15. OILS AND GREASES.) CASTOLINE INC., San Francisco, Calif. Filed Aug. 16, 1926. Serial No. 236,000.

Phordoil

Particular description of goods.—Lubricating Oil.
Claims use since June 28, 1926.

233,145. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) HARRIE W. WHITE, Cleveland, Ohio. Filed Apr. 28, 1926. Serial No. 230,860.

SHOESTRING

Particular description of goods.—Cooked Potato Products.
Claims use since July 16, 1925.

233,146. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) NAER RADIO CORPORATION, St. Louis, Mo. Filed Apr. 2, 1926. Serial No. 229,578.

RESONATOR

Particular description of goods.—Radio Receiving Sets.
Claims use since about Mar. 22, 1926.

233,147. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) LUCILLE DOLLEE, Cleveland, Ohio. Filed Mar. 3, 1927. Serial No. 245,142.

Dollee's

Particular description of goods.—Face Powder, Cleansing Cream, Astringent, Hand Lotion, Eye Wash, Rouge, and Lip Sticks.
Claims use since November, 1925.

233,148. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) ARDEN CHEMICAL COMPANY, New York, N. Y. Filed Feb. 21, 1927. Serial No. 244,648.

ALLAMANDA

Particular description of goods.—Soap.
Claims use since January, 1926.

233,149. (CLASS 12. CONSTRUCTION MATERIALS.) WESTERN WALLBOARD COMPANY, Seattle, Wash. Filed Mar. 5, 1927. Serial No. 245,310.

**PERFECTION
—PLASTER
WALLBOARD**

Particular description of goods.—Plaster Wall Board.
Claims use since June 15, 1923.

233,150. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) WESTERN WALLBOARD COMPANY, Seattle, Wash. Filed Mar. 5, 1927. Serial No. 245,311.

Sand-Tone Finish

Particular description of goods.—A Liquid Finish in the Nature of Paint for Plaster Boards.
Claims use since June 1, 1925.

LABELS

REGISTERED SEPTEMBER 20, 1927.

32,741.—Title: ROYAL HAWAIIAN. For Toilet Creams. HANS A. BODE, doing business as Royal Hawaiian Laboratories, Honolulu, Territory of Hawaii. Published March 28, 1927.

32,742.—Title: ROMEO. For Phonograph Records. CAMEO RECORD CORPORATION, New York, N. Y. Published June 23, 1926.

32,743.—Title: MELBA TOAST. For Whole-Wheat Melba Toast. HARRY G. CUBBISON, doing business as Cubbison Cracker Co., Los Angeles, Calif. Published May 2, 1927.

32,744.—Title: SANITARY POULTRY FARMS. For Eggs. EGG-SAFETY CARTON CO., Chicago, Ill. Published November 19, 1926.

32,745.—Title: QUALITY EGGS. For Eggs. EGG-SAFETY CARTON CO., Chicago, Ill. Published October 19, 1926.

32,746.—Title: LAURETTA HAIR GROWER. For Hair Grower. MADAM L. FOSTER, Louisville, Ky. Published June 13, 1927.

32,747.—Title: MAYO'S PYORRHEA REMEDY. For a Pyorrhea Remedy. MAYO'S LABORATORIES, INC., Oklahoma City, Okla. Published March 20, 1927.

32,748.—Title: BLUE PLATE MAYONNAISE. For Mayonnaise. FRED RICHHEIMER, Floral Park, N. Y. Published May 1, 1927.

32,749.—Title: TAI KAMABOKO. For Canned Fish Cakes. S. HATA SHOTEN, LIMITED, Honolulu, Territory of Hawaii. Published June 4, 1927.

32,750.—Title: INFUSION FOLIA-DIGITALIS. For Infusion of Digitalis. F. A. UPSHER SMITH, doing business as Upsher Smith Co., Minneapolis, Minn. Published May 6, 1927.

32,751.—Title: VAN NEST DUTCHESS BRAND. For Apples. EUGENE A. VAN NEST, Red Hook, N. Y. Published May 14, 1927.

32,752.—Title: VAN NEST DUTCHESS BRAND. For Apples. EUGENE A. VAN NEST, Red Hook, N. Y. Published May 14, 1927.

32,753.—Title: LINDY. For Shaving Cream. GEORGE GUY VAN SICKLE, doing business as G. Van Sickle, San Francisco, Calif. Published June 13, 1927.

PRINTS

REGISTERED SEPTEMBER 20, 1927.

10,190.—Title: JUST AS YOU CHOOSE FOODS. For Venetian Toilet Preparations. ARDEN CHEMICAL CO., INC., doing business as Elizabeth Arden, New York, N. Y. Published March 18, 1927.

10,191.—Title: A PAINTED FACE IS DISGUSTING. For Venetian Toilet Preparations. ARDEN CHEMICAL CO., INC., doing business as Elizabeth Arden, New York, N. Y. Published April 18, 1927.

10,192.—Title: THE PREPARATIONS OF ELIZABETH ARDEN ARE EFFECTIVE. For Venetian Toilet Preparations. ARDEN CHEMICAL CO., INC., doing business as Elizabeth Arden, New York, N. Y. Published February 19, 1927.

10,193.—Title: MAKE-UP IS A CHEAP MAKE-SHIFT. For Venetian Toilet Preparations. ARDEN CHEMICAL CO., INC., doing business as Elizabeth Arden, New York, N. Y. Published May 19, 1927.

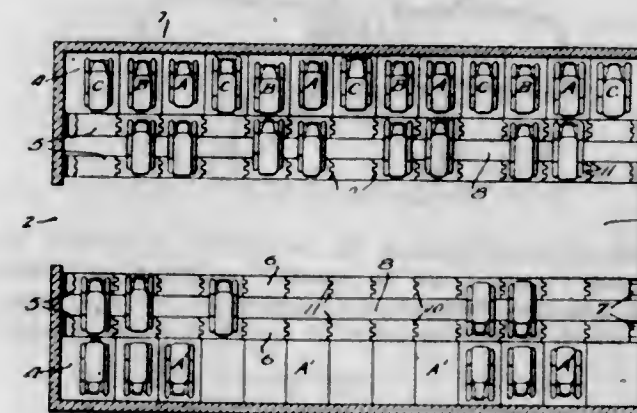
10,194.—Title: MUST YOU HIDE YOUR SKIN UNDER A CONCEALING COAT OF COSMETICS? For Venetian Toilet Preparations. ARDEN CHEMICAL CO., INC., doing business as Elizabeth Arden, New York, N. Y. Published June 21, 1927.

10,195.—Title: FOOD FOR HEALTHY THOUGHT. For Whole-Wheat Flaxseed Crackers. HARRY G. CUBBISON, doing business as Cubbison Cracker Co., Los Angeles, Calif. Published March 25, 1927.

REISSUES

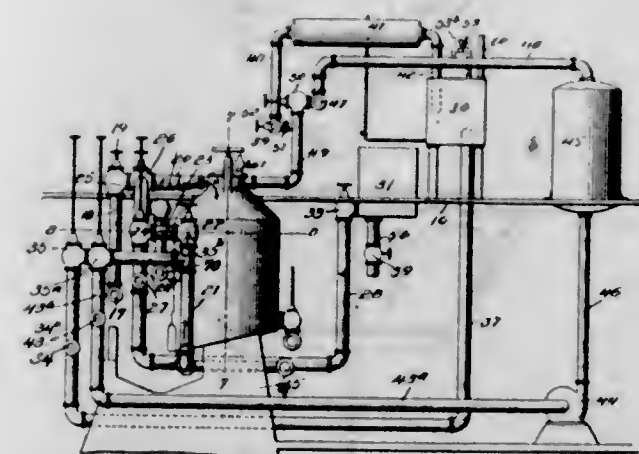
SEPTEMBER 20, 1927.

16,738. STORAGE BUILDING. FERNAND E. D'HUMY, Englewood, N. J. Filed Jan. 21, 1927. Serial No. 162,638. Original No. 1,585,471, dated May 18, 1926, Serial No. 39,276, filed June 24, 1925. 14 Claims. (Cl. 214—16.1.)



1. A vehicle storage building comprising a storage and driveway floor having a longitudinally extending driving aisle, a longitudinally extending movable storage and driving platform formed of hinged sections and running parallel with the driving aisle and having its upper surface substantially flush with the surface of the driving aisle, a longitudinally extending rigid permanent storage space parallel with the movable platform and on the opposite side thereof from the driving aisle, the upper surface of said permanent storage space being substantially flush with the upper surface of the said platform, and means for moving the storage and driving platform longitudinally in either direction to permit the vehicles on the permanent storage space beyond the platform to be moved outwardly to the driving aisle over a free unoccupied portion of the said platform.

16,739. EXTRACTION PROCESS AND APPARATUS. WILLIAM FREDERICK HOLZHEUER, Hale, Mich. Filed Aug. 16, 1927. Serial No. 213,422. Original No. 1,587,646, dated June 8, 1926, Serial No. 59,247, filed Sept. 28, 1925. 5 Claims. (Cl. 127—8.)



1. The process of extracting into liquor a desired ingredient from a substance loaded into a diffusion battery, said process consisting of circulating the liquor under

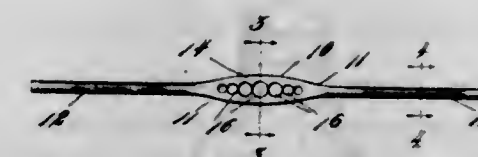
an initial pressure progressively through a series of cells constituting the battery and containing the original substance, and boosting the circulation pressure of said liquor at a place intermediate of the ends of said battery by passing said liquor through a power driven pressure boosting pump provided for this purpose.

16,740. METHOD IN PREPARING FOODS AND THE PRODUCT OBTAINED THEREBY. CLARENCE BIRDS-EYE, Gloucester, Mass., assignor to General Seafoods Corporation, Gloucester, Mass., a Corporation of Delaware. Filed May 18, 1927. Serial No. 192,474. Original No. 1,608,832, dated Nov. 30, 1926, Serial No. 52,213, filed Aug. 24, 1925. 14 Claims. (Cl. 99—14.)

9. A process of preparing fish consisting in reducing fresh fish to fragments and rupturing the cells of the fish flesh, adding moisture thereto, uniting said moistened fish flesh into a solidified mass bonded by the gluey content of the opened cells, and freezing said solidified mass with the added moisture therein.

14. A food product consisting of a solidified mass of fresh raw fish fragments bonded by the adhesive substances in the fish and having a substantially higher moisture content than that originally contained in the fish from which the fragments were prepared, said mass also containing a small percentage of common salt cooperating with constituents of the fish to increase the adhesion of the fragments to each other.

16,741. JEWELRY COMPONENT. FREDERIC A. FAIRBROTHER, Providence, R. I. Filed Aug. 4, 1927. Serial No. 210,686. Original No. 1,566,845, dated Dec. 22, 1925, Serial No. 637,075, filed May 7, 1923. 5 Claims. (Cl. 29—160.6.)

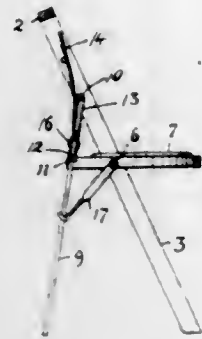


1. As an improved article of manufacture, a jewelry component made from a metal adapted to the jewelry art, comprising a pliable end portion substantially circular in cross-section and an ornamental body portion comparatively rigid and having a plurality of faces of greater cross-sectional area than the end portion, the latter being freely bendable in all directions to cooperate in conjunction with the body portion to make various articles of jewelry.

16,742. FOLDING CHAIR. WILLIAM C. RASTETTER, Fort Wayne, Ind. Filed Mar. 10, 1927. Serial No. 174,383. Original No. 1,583,491, dated May 4, 1926, Serial No. 740,758, filed Sept. 30, 1924. 7 Claims. (Cl. 155—142.)

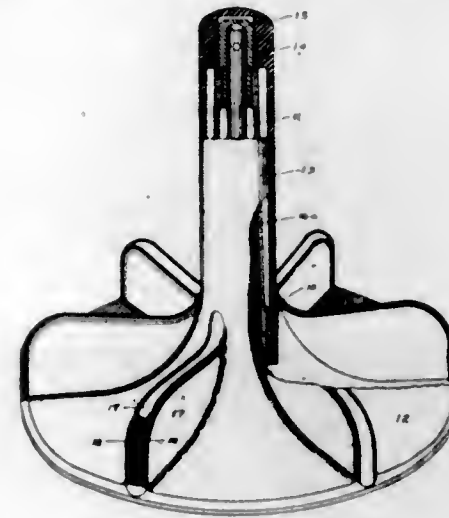
4. A folding chair comprising a main frame constituting forelegs; a folding support for said frame constituting

rear legs; a tilting seat in said frame having operable relation with said support; and a bendable back of spring material rigidly supported at its upper portion in said



main frame, said folding support having operable relation with the lower portion of said back whereby said back is bowed so as to present a convex front when the support is extended for use.

16,743. AGITATOR FOR WASHING MACHINES. JOHN ROCKE, Bloomington, Ill. Filed June 17, 1927. Serial No. 199,614. Original No. 1,617,030, dated Feb. 8, 1927, Serial No. 111,692, filed May 26, 1926. 5 Claims. (Cl. 259-128.)

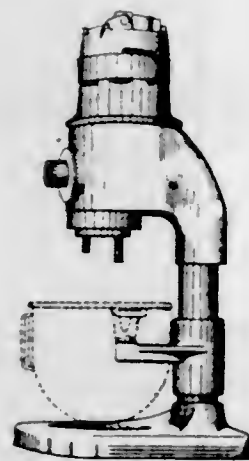


4. An agitator adapted for use within a washing machine tub formed from an organic condensation product having the essential physical properties of a synthetic resin, which properties adapt it for the purpose specified.

DESIGNS

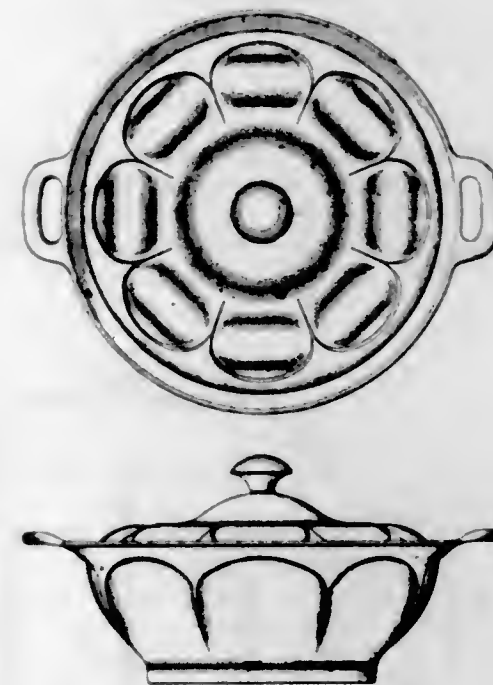
SEPTEMBER 20, 1927.

73,464. FRAME FOR FOOD MIXER. MILTON K. AKERS, Troy, Ohio, assignor to the Troy Metal Products Company, Troy, Ohio, a Corporation of Ohio. Filed Mar. 8, 1923. Serial No. 5,416. Term of patent 14 years.



The ornamental design for a frame for food mixer, as shown.

73,465. CASSEROLE OR SIMILAR ARTICLE. GEORGE R. AHRENDTS, Niles, Ohio, assignor to The Atlas-Globe China Company, Niles, Ohio, a Corporation of Ohio. Filed Apr. 29, 1927. Serial No. 21,788. Term of patent 7 years.



The ornamental design for a casserole or similar article, as shown.

73,466. LAMP. OSCAR B. BACH, New York, N. Y. Filed May 26, 1927. Serial No. 22,178. Term of patent 3 1/2 years.



The ornamental design for a lamp, as shown.

73,467. TORCHÈRE. OSCAR B. BACH, New York, N. Y. Filed May 26, 1927. Serial No. 22,180. Term of patent 3 1/2 years.



The ornamental design for a torchère, as shown.

73,468. CANDLESTICK. OSCAR B. BACH, New York, N. Y. Filed May 26, 1927. Serial No. 22,181. Term of patent 3 1/2 years.



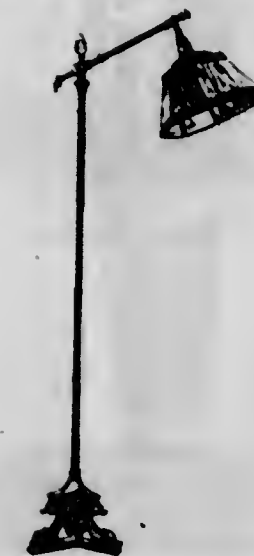
The ornamental design for a candlestick, as shown.

73,469. LAMP. OSCAR B. BACH, New York, N. Y. Filed May 26, 1927. Serial No. 22,183. Term of patent 3 1/2 years.



The ornamental design for a lamp, as shown.

73,470. BRIDGE LAMP. OSCAR B. BACH, New York, N. Y. Filed May 26, 1927. Serial No. 22,185. Term of patent 3 1/2 years.



The ornamental design for a bridge lamp, as shown.

73,471. ASH TRAY. OSCAR B. BACH, New York, N. Y. Filed May 26, 1927. Serial No. 22,186. Term of patent 3 1/2 years.



The ornamental design for an ash tray, as shown.

73,472. LAMP. OSCAR B. BACH, New York, N. Y. Filed May 26, 1927. Serial No. 22,188. Term of patent $3\frac{1}{2}$ years.



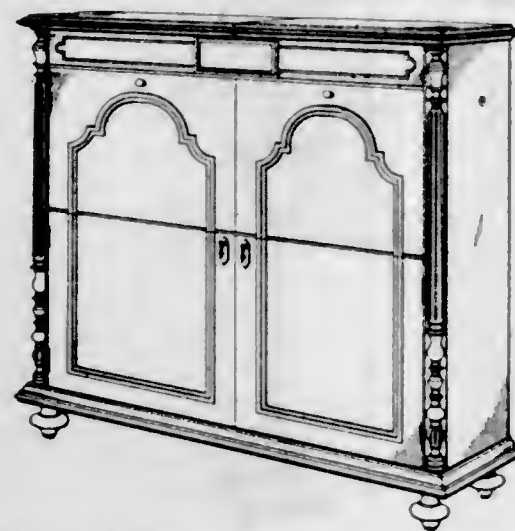
The ornamental design for a lamp, as shown.

73,473. BASE FOR A LAMP. OSCAR B. BACH, New York, N. Y. Filed May 26, 1927. Serial No. 22,192. Term of patent $3\frac{1}{2}$ years.



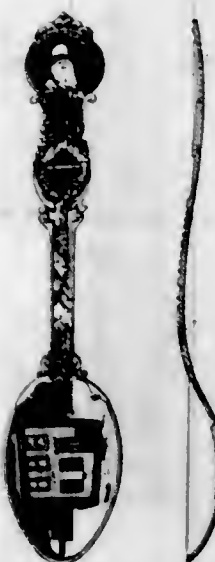
The ornamental design for a base for a lamp, as shown.

73,474. COMBINED RADIO AND PHONOGRAPH CABINET OR SIMILAR ARTICLE. JOHN M. BEACH and GEORGE FLETCHER, Grand Rapids, Mich., assignors to Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y., a Corporation of New York. Filed Mar. 30, 1927. Serial No. 21,396. Term of patent 7 years.



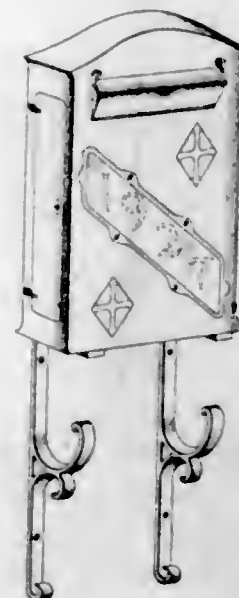
The ornamental design for a combined radio and phonograph cabinet or similar article as shown.

73,475. SPOON. THEOPHILUS L. BEAR, Camden, N. J. Filed July 30, 1926. Serial No. 18,556. Term of patent 14 years.



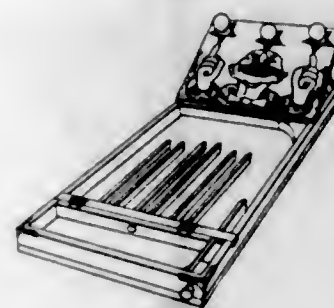
The ornamental design for a spoon, substantially as shown.

73,476. COMBINATION LETTER BOX AND HOUSE NUMBER SIGN. CHARLES F. BECK, Park Ridge, Ill. Filed May 20, 1927. Serial No. 22,109. Term of patent $3\frac{1}{2}$ years.



The ornamental design for a combined letter box and house number sign as shown.

73,477. GAME BOARD. FRANK BEIDELSTEIN, Milwaukee, Wis. Filed June 18, 1926. Serial No. 18,085. Term of patent $3\frac{1}{2}$ years.



The ornamental design for a game board, substantially as shown.

73,478. PLAYGROUND SLIDE. JOSEPH BEZARK, Chicago, Ill., assignor to Marshall Field & Company, Chicago, Ill., a Corporation of Illinois. Filed July 12, 1926. Serial No. 18,324. Term of patent 7 years.



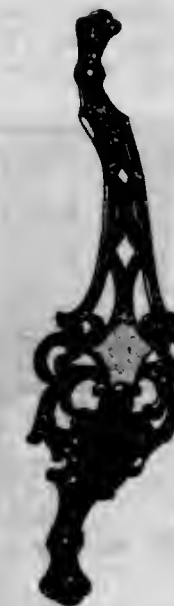
The ornamental design for a playground slide as shown.

73,479. VACUUM-CLEANER NOZZLE. MACK BLATT, Detroit, Mich., assignor to Edgar P. Bowman, Detroit, Mich. Filed Mar. 30, 1927. Serial No. 21,401. Term of patent $3\frac{1}{2}$ years.



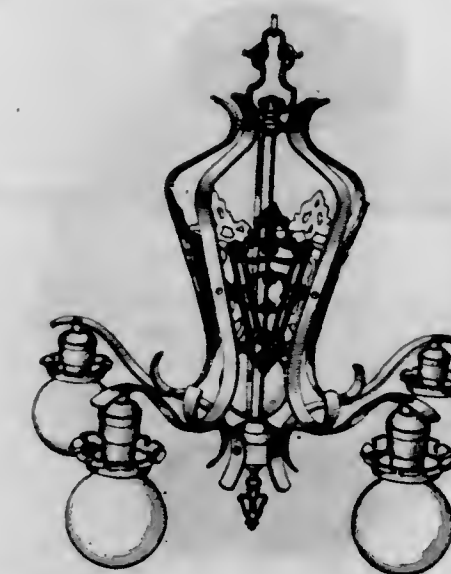
The ornamental design for a vacuum cleaner nozzle, as shown.

73,480. STRAP FOR LIGHTING FIXTURES OR SIMILAR ARTICLES. JOHN A. BOEHRINGER, Springfield, N. Y., assignor to Star Chandelier Co., Inc., New York, N. Y., a Corporation of New York. Filed July 8, 1927. Serial No. 22,695. Term of patent $3\frac{1}{2}$ years.



The ornamental design for a strap for lighting fixtures or similar articles, as shown.

73,481. CHANDELIER. JOHN A. BOEHRINGER, Springfield, N. Y., assignor to Star Chandelier Co., Inc., New York, N. Y., a Corporation of New York. Filed July 8, 1927. Serial No. 22,696. Term of patent $3\frac{1}{2}$ years.



The ornamental design for a chandelier, as shown.

73,482. BROOCH OR SIMILAR ARTICLE. ALBERT BROD, New York, N. Y. Filed June 6, 1927. Serial No. 22,350. Term of patent $3\frac{1}{2}$ years.



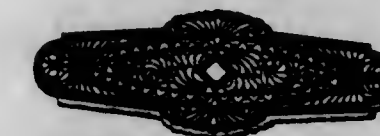
The ornamental design for a brooch or similar article, as shown.

73,483. BROOCH OR SIMILAR ARTICLE. ALBERT BROD, New York, N. Y. Filed June 6, 1927. Serial No. 22,351. Term of patent $3\frac{1}{2}$ years.



The ornamental design for a brooch or similar article, as shown.

73,484. BROOCH OR SIMILAR ARTICLE. ALBERT BROD, New York, N. Y. Filed June 6, 1927. Serial No. 22,352. Term of patent $3\frac{1}{2}$ years.



The ornamental design for a brooch or similar article, as shown.

73,485. BROOCH OR SIMILAR ARTICLE. ALBERT BROD, New York, N. Y. Filed June 10, 1927. Serial No. 22,381. Term of patent $3\frac{1}{2}$ years.



The ornamental design for a brooch or similar article, as shown.

73,486. BROOCH OR SIMILAR ARTICLE. ALBERT BROD, New York, N. Y. Filed June 10, 1927. Serial No. 22,382. Term of patent $3\frac{1}{2}$ years.



The ornamental design for a brooch or similar article, as shown.

73,487. BROOCH OR SIMILAR ARTICLE. ALBERT BROD, New York, N. Y. Filed June 10, 1927. Serial No. 22,383. Term of patent $3\frac{1}{2}$ years.



The ornamental design for a brooch or similar article, as shown.

73,488. BROOCH OR SIMILAR ARTICLE. ALBERT BROD, New York, N. Y. Filed June 10, 1927. Serial No. 22,384. Term of patent $3\frac{1}{2}$ years.



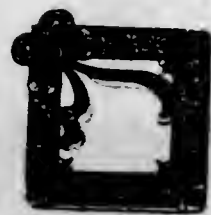
The ornamental design for a brooch or similar article, as shown.

73,489. BROOCH OR SIMILAR ARTICLE. ALBERT BROD, New York, N. Y. Filed June 24, 1927. Serial No. 22,542. Term of patent $3\frac{1}{2}$ years.



The ornamental design for a brooch or similar article, as shown.

73,490. BROOCH OR SIMILAR ARTICLE. ALBERT BROD, New York, N. Y. Filed June 24, 1927. Serial No. 22,543. Term of patent $3\frac{1}{2}$ years.



The ornamental design for a brooch or similar article, as shown.

73,491. BROOCH OR SIMILAR ARTICLE. ALBERT BROD, New York, N. Y. Filed June 24, 1927. Serial No. 22,544. Term of patent $3\frac{1}{2}$ years.



The ornamental design for a brooch or similar article, as shown.

73,492. BROOCH OR SIMILAR ARTICLE. ALBERT BROD, New York, N. Y. Filed June 24, 1927. Serial No. 22,545. Term of patent $3\frac{1}{2}$ years.



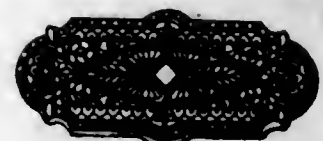
The ornamental design for a brooch or similar article, as shown.

73,493. BROOCH OR SIMILAR ARTICLE. ALBERT BROD, New York, N. Y. Filed June 24, 1927. Serial No. 22,546. Term of patent $3\frac{1}{2}$ years.



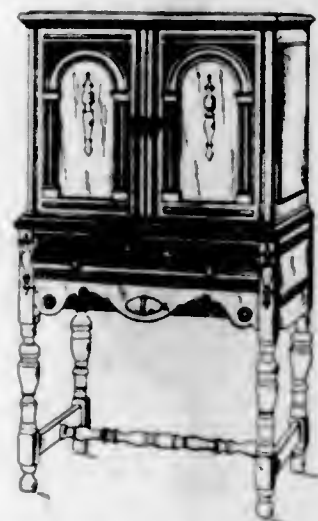
The ornamental design for a brooch or similar article, as shown.

73,494. BROOCH OR SIMILAR ARTICLE. ALBERT BROD, New York, N. Y. Filed June 24, 1927. Serial No. 22,547. Term of patent $3\frac{1}{2}$ years.



The ornamental design for a brooch or similar article, as shown.

73,495. RADIOCABINET OR ARTICLE OF SIMILAR NATURE. BERNARD D. COLEN, New York, N. Y., assignor to Musical Products Distributing Co., Inc., New York, N. Y. Filed May 11, 1927. Serial No. 21,936. Term of patent $3\frac{1}{2}$ years.



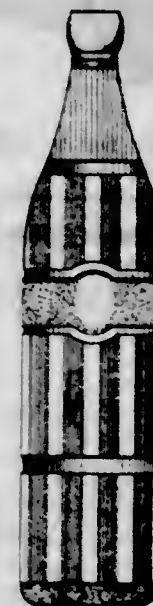
The ornamental design for a radiocabinet, or article of similar nature, as shown.

73,496. SPREADER ARM FOR TRANSMISSION WIRES. ANDREW DE VRIES, South Bend, Ind., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Jan. 14, 1927. Serial No. 20,570. Term of patent $3\frac{1}{2}$ years.



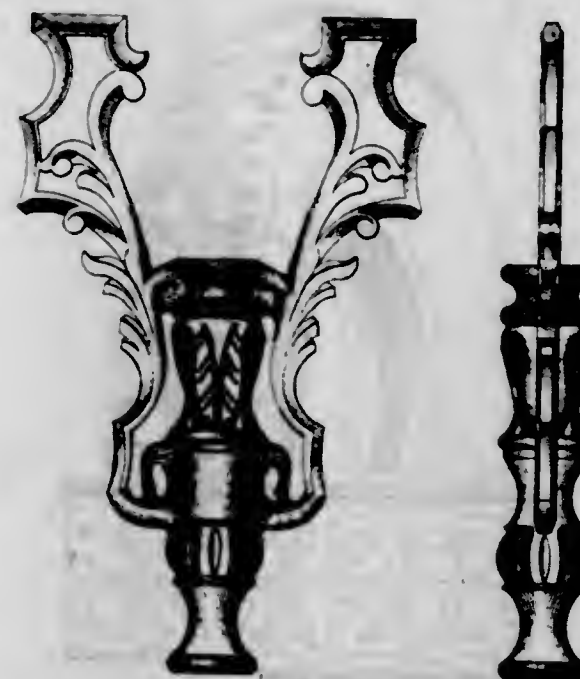
The ornamental design for a spreader arm for transmission wires, as shown.

73,497. BOTTLE. FRANK GRAD, Carnegie, Okla. Filed July 25, 1927. Serial No. 22,882. Term of patent 14 years.



The ornamental design for a bottle, as shown.

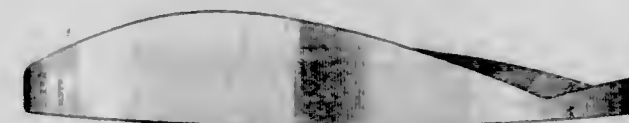
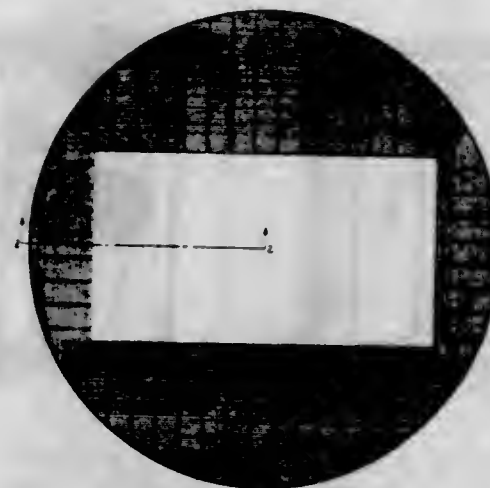
73,498. BRACKET FOR ELECTRIC LAMPS. JOSEPH GRIEN, Chicago, Ill., assignor to Hamilton-Ross Factories, Inc., a Corporation of Illinois. Filed June 23, 1927. Serial No. 22,533. Term of patent 7 years.



The ornamental design for a bracket for electric lamps, as shown.

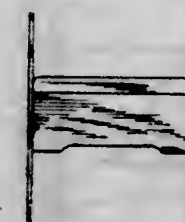
362 O. G.—34

73,499. GRAND STAND. GAVIN HADDEN, New York, N. Y. Filed July 12, 1921. Serial No. 484,216. Term of patent 14 years.



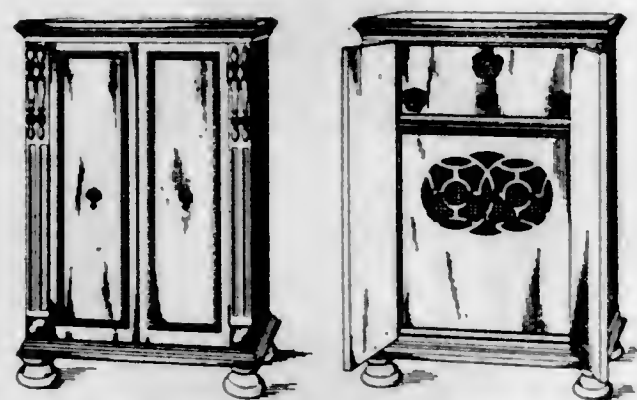
The ornamental design for a grandstand, as described and shown.

73,500. BOX. FRANCIS F. HAMILTON, Indianapolis, Ind. Filed Dec. 4, 1926. Serial No. 19,926. Term of patent 7 years.



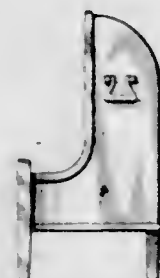
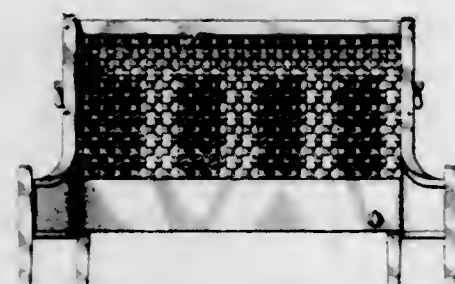
The ornamental design for a box, as shown and described.

73,501. RADIOCABINET. EDWARD L. HEDEMARK, Chicago, Ill., assignor to Stewart-Warner Speedometer Corporation, Chicago, Ill., a Corporation of Virgilina. Filed May 9, 1927. Serial No. 21,892. Term of patent 3½ years.



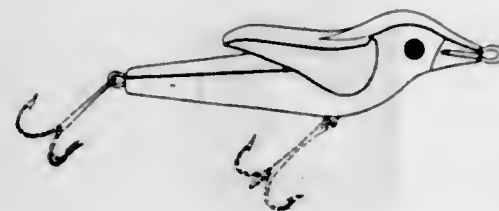
The ornamental design for a radiocabinet substantially as shown.

73,502. ELECTRIC AIR HEATER. WILLIAM WESLEY HICKS, San Francisco, Calif. Filed June 15, 1927. Serial No. 22,441. Term of patent 14 years.



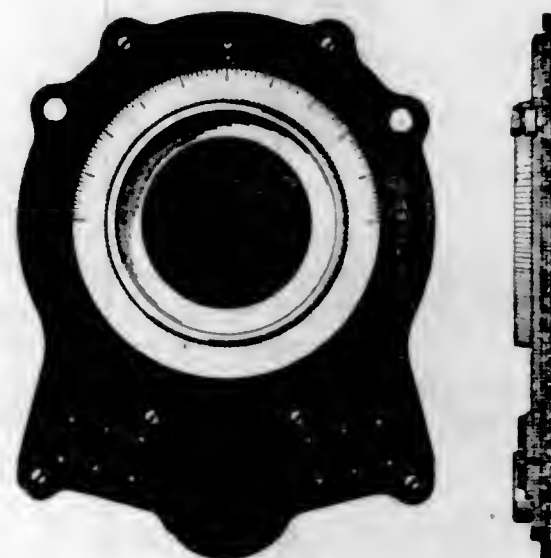
The ornamental design for an electric air heater as shown.

73,503. FISHING LURE. HERBERT A. KINNEY, Tampa, Fla. Filed May 26, 1927. Serial No. 22,171. Term of patent 7 years.



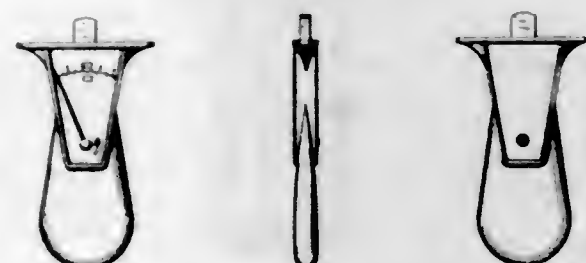
The ornamental design for a fishing lure, as shown.

73,504. RADIODIAL. VICTOR LOUGHEED, Oakland, Calif., assignor to The Magnavox Company, Oakland, Calif., a Corporation of California. Filed June 15, 1925. Serial No. 13,793. Term of patent 3½ years.



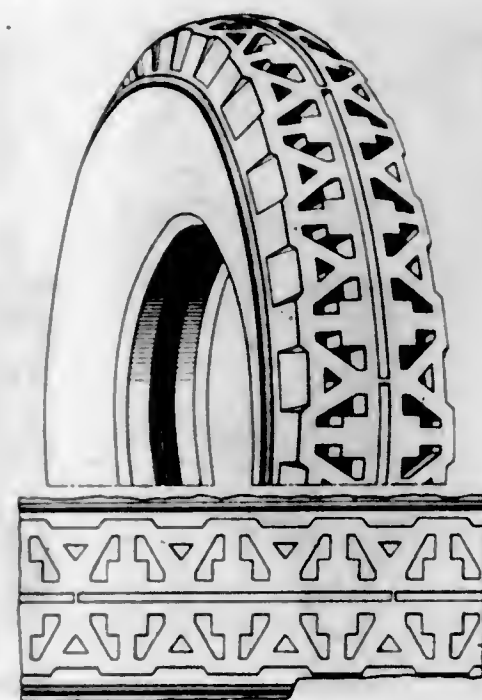
The ornamental design for a radiodial, as shown.

73,505. TIRE-PRESSURE GAUGE. GEORGE SYLVIN LOY, Paris, France. Filed May 14, 1927. Serial No. 21,974. and in France Apr. 23, 1927. Term of patent 14 years.



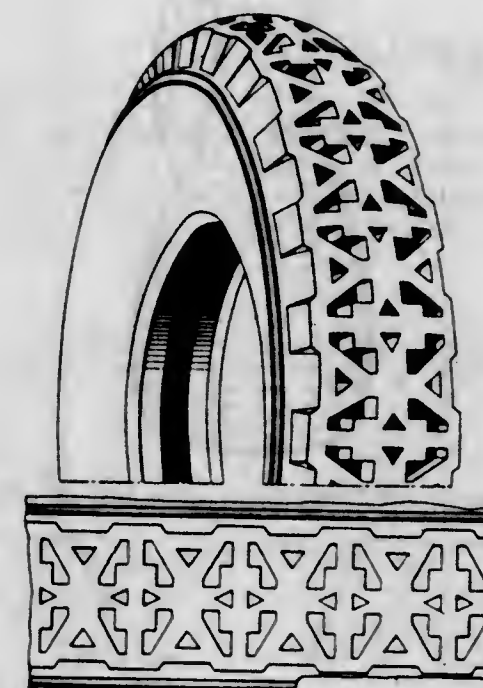
The ornamental design for a tire-pressure gauge, as shown.

73,506. TIRE. HORACE MANN, Albuquerque, N. Mex. Filed Feb. 11, 1927. Serial No. 20,696. Term of patent 14 years.



The ornamental design for a tire as shown.

73,507. TIRE. HORACE MANN, Albuquerque, N. Mex. Filed Feb. 11, 1927. Serial No. 20,697. Term of patent 14 years.



The ornamental design for a tire as shown.

73,508. LIGHTING-FIXTURE STRAP OR ANALOGOUS ARTICLE. MAX PEINLICH, White Plains, N. Y., assignor to Moris Geringer, Yonkers, N. Y., doing business as Geringer Lighting Fixture Mfg. Co. Filed July 22, 1927. Serial No. 22,847. Term of patent 3½ years.



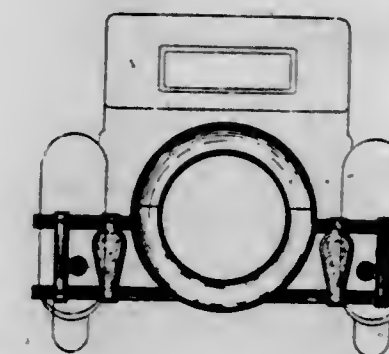
The ornamental design for a lighting fixture strap or analogous article substantially as shown.

73,509. AUTOMOBILE RADIATOR CAP. FREDERICK C. RUPPEL, Grand Rapids, Mich. Filed May 31, 1927. Serial No. 22,224. Term of patent 3½ years.



The ornamental design for an automobile radiator cap as shown.

73,510. VEHICLE BUMPER. CARLOS A. SCHMIDT, Oakland, Calif. Filed Apr. 27, 1927. Serial No. 21,752. Term of patent 3½ years.



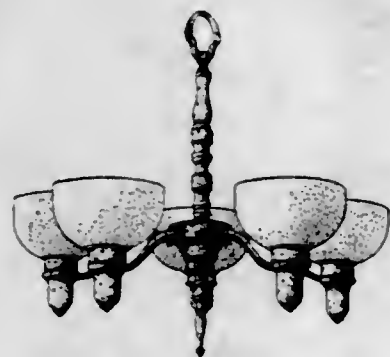
The ornamental design for a vehicle bumper, substantially as shown.

73,511. TUMBLER OR SIMILAR ARTICLE OF GLASSWARE. ERNEST C. SCHRADER, Morgantown, W. Va., assignor to Economy Glass Company, Morgantown, W. Va., a Corporation of West Virginia. Filed Jan. 31, 1927. Serial No. 20,552. Term of patent 3½ years.



The ornamental design for a tumbler or similar article of glassware as shown.

73,512. LIGHTING FIXTURE. HERMAN H. WOLTER, Meriden, Conn., assignor to The Miller Company, Meriden, Conn., a Corporation of Connecticut. Filed July 25, 1927. Serial No. 22,864. Term of patent $3\frac{1}{4}$ years.



The ornamental design for a lighting fixture, as shown.

73,513. GLASS JUG. EVAN R. WORCESTER, Marion, Ind., assignor to Macbeth-Evans Glass Company, Charleroi, Pa., a Corporation of Pennsylvania. Filed June 8, 1927. Serial No. 22,365. Term of patent $3\frac{1}{4}$ years.

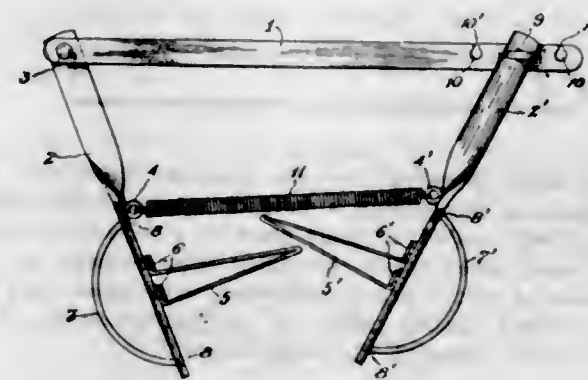


The ornamental design for a glass jug, as shown.

PATENTS

GRANTED SEPTEMBER 20, 1927.

1,642,665. BOX-CLAMPING DEVICE. EDWARD C. ANSCHUTZ, Cleveland, Ohio, assignor of one-half to Frank S. Glaser and Julius M. Glaser, Cleveland, Ohio. Filed Apr. 7, 1926. Serial No. 100,342. 7 Claims. (Cl. 93-2.)



1. A box-sealing device comprising in combination a rod; an arm pivotally attached to one end of said rod; a similar arm adjustably and pivotally attached to the opposite end of said rod; resilient means affixed to both of said arms tending to bring said arms together; fingers perpendicularly fastened to the opposite inner surfaces of said arms and being on opposite sides from said rod relative to said resilient means; and handles affixed to the outer surfaces of said arms.

1,642,666. ARTICLE MADE FROM A RUBBER COMPOSITION. CLARENCE W. AVERY, Detroit, and DAN O. MOODY, Highland Park, Mich., assignors to Ford Motor Company, Detroit, Mich., a Corporation of Delaware. Filed Sept. 13, 1920. Serial No. 409,934. 3 Claims. (Cl. 18-59.)

1. As a new article of manufacture, a steering wheel rim comprising a core of fibers and rubber, and a casing of rubber, the whole being vulcanized.

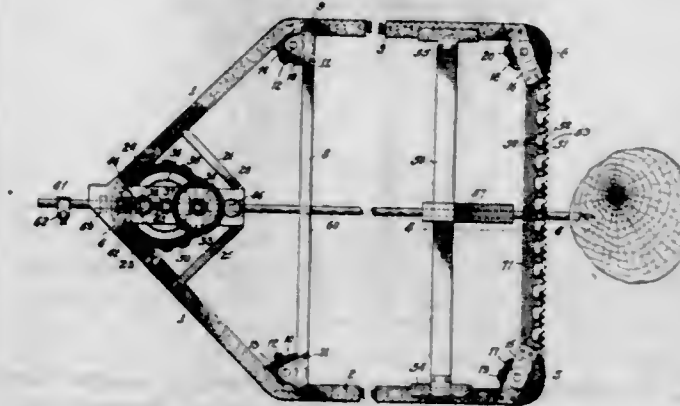
1,642,667. PROCESS FOR DECOMPOSING INSOLUBLE MINERALS. GODSKALK BERGE, Chicago, Ill., assignor of one-third to Harry Spurrier, Chicago, Ill. Filed Dec. 4, 1925. Serial No. 73,274. 16 Claims. (Cl. 23-29.)

1. The process of decomposing insoluble minerals consisting of treating the mineral with boric acid in the presence of heat sufficient to convert predetermined of its basic constituents into borates and treating the borates with dilute nitric acid to convert the same into nitrates and free boric acid.

1,642,668. APPARATUS FOR FELLING TREES AND THE LIKE. CHARLES J. BREY, Park Falls, Wis. Filed Oct. 23, 1924. Serial No. 745,304. 12 Claims. (Cl. 143-32.)

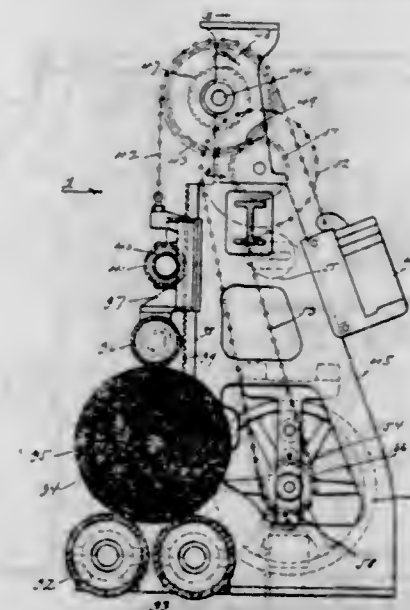
1. In a device of the class described, the combination of a relatively long rod adapted to be driven into the trunk of the tree adjacent the cut to be made therein, a saw frame having lugs provided with bores through which said rod passes, said frame being freely slidable along said rod, means for maintaining said rod in a substantially horizontal position, means forming a saw chain

guide on said frame, a saw chain mounted on said frame and power operated means for causing said chain to travel whereby to saw the trunk of the tree as said frame



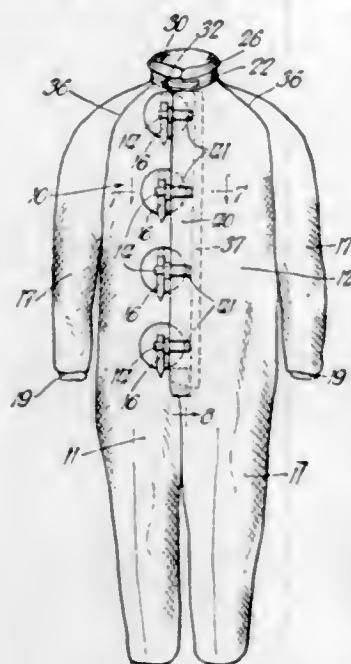
is pushed into proximity to the tree, a brace slidably mounted on said frame to be shifted longitudinally of the long rod, a wedge mounted on said brace, said brace having a member through which said rod slides.

1,642,669. WINDING MACHINE. JAMES A. CAMERON and GUSTAF BIRGER BIRCH, Brooklyn, N. Y., assignors to Cameron Machine Company, Brooklyn, N. Y., a Corporation of New York. Filed July 19, 1923. Serial No. 652,479. Renewed Dec. 17, 1925. 8 Claims. (Cl. 242-66.)



1. Controlling means for top pressure roll in winding machines comprising: a vertically displaceable top pressure roll, vertically extending stationary racks, a pinion shaft, displaceable with said top pressure roll, the axis of which is substantially in vertical alignment with that of said top pressure roll, pinions, on said pinion shaft, in engagement with said racks, and means for raising and lowering said top pressure roll and pinion shaft to thereby cause rotation of the pinions in engagement with the racks.

1,642,670. PROTECTIVE GARMENT. CHARLES H. DAVIS and HENRY W. LUECK, Chicago, Ill. Filed July 19, 1924. Serial No. 727,043. 6 Claims. (Cl. 2-82.)



4. In a garment for protecting the wearer against electrical shock, a stiff neck embracing portion having a surface of insulating material and a stiff apron having an insulating waterproof surface depending from the top edge thereof, the lower edge of said apron being free of and spaced from said neck embracing portion to provide a dry zone on the outside of said neck embracing portion, said garment having a pair of sleeves each having a surface of di-electric material and a lining of di-electric material secured to said sleeve intermediate the ends thereof and extending to the open end thereof to form a water tight annular open ended pocket in said sleeve.

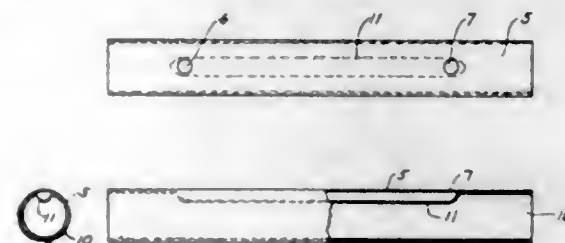
1,642,671. ADVERTISING DEVICE. IRVING DAVIDSON, Malden, Mass. Filed Apr. 15, 1926. Serial No. 102,254. 2 Claims. (Cl. 40-138.)



1. A display device comprising, in combination with a plate, a card overlying and supported by said plate, said card having an opening, a supplemental plate pivoted to the card at the rear thereof and disposed over the opening in the card, said supplemental plate having a representation for shifting exposure through the opening in the card incident to the vibration of the supplemental plate, and outstanding stop members carried by the rear face of the card and arranged at opposite sides of the supplemental plate for limiting the extent of movement of

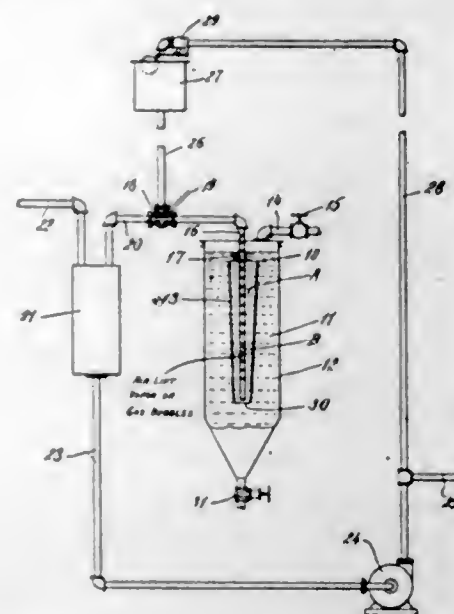
the supplemental plate, said stop members contacting with the first named plate to maintain the two plates spaced apart to assure free vibratory movement of the supplemental plate.

1,642,672. WATER-SUPPLY CONNECTION. WILLIAM J. FENNEL, Milwaukee, Wis., assignor to Evinrude Motor Company, Milwaukee, Wis., a Corporation of Wisconsin. Filed Dec. 30, 1926. Serial No. 158,024. 6 Claims. (Cl. 115-17.)



2. A shaft housing for the purpose described, said shaft housing comprising a pair of telescopically related tubes closely nested at their ends in concentric relation, one of said tubes being channelled intermediate its ends to provide a water passage between said tubes, and said passage being sealed solely by the juxtaposition of the walls of said tubes at the ends thereof.

1,642,673. METHOD OF THICKENING MIXTURES. ALBERT LEGRAND GENTER, Salt Lake City, Utah, assignor, by mesne assignments, to Genter Thickener Company, a Corporation of Delaware. Filed July 16, 1925. Serial No. 43,957. 12 Claims. (Cl. 210-182.)

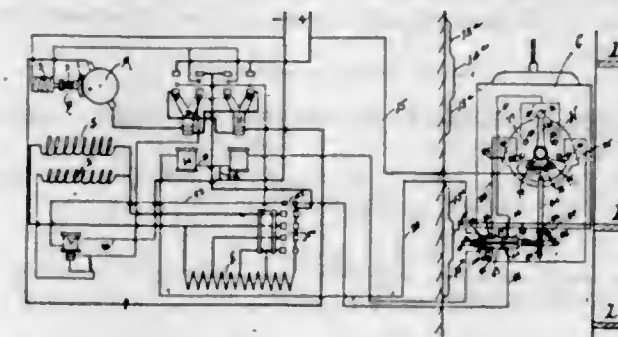


1. The method of filtering hot mixtures or the like which comprises subjecting the mixture while in contact with a filtering medium to a filtering action in the course of which the liquid passing through the medium forms two filtrate columns joined together at the bottom, applying suction to one of said columns to promote the filtering action, and reducing the density of the liquid in said column so as to cause the same to be elevated above the liquid level in the other column by the difference between the densities of the liquids in said columns.

1,642,674. ELEVATOR-CONTROLLING DEVICE. CONRAD GOEBERT and OTTO KUGLER, Sr., Philadelphia, Pa., assignors to Otis Elevator Company, Jersey City, N. J., a Corporation of New Jersey. Filed June 14, 1923. Serial No. 645,299. 19 Claims. (Cl. 187-29.)

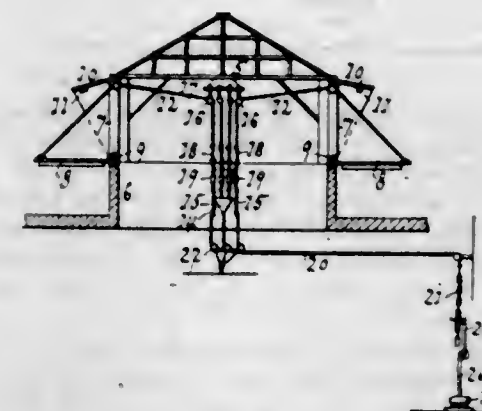
15. An electric elevator system comprising, a car switch for causing the starting of the car, switching mecha-

nism carried by the car, means for moving said switching mechanism into a position to cause the stopping of the car, means for latching said mechanism in its



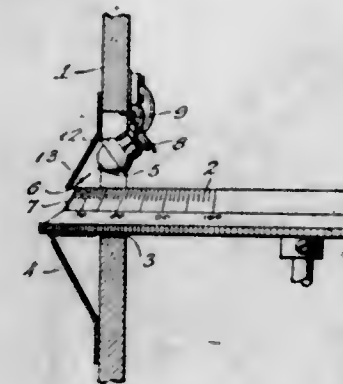
stopping position, and means operable by said car switch, upon its movement into a given position, to release said latching means.

1,642,675. SKYLIGHT. BARNEY GOLDMAN, New York, N. Y. Filed Sept. 4, 1926. Serial No. 133,689. 3 Claims. (Cl. 108-16.)



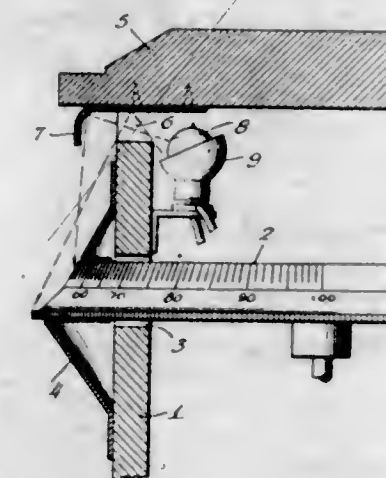
1. In a skylight the combination with a plurality of gravitating sashes each sash having an operating flexible connection, of a link connecting two or more of the flexible connections, a flexible connection having a chain at one end to adjust the connection and its other end secured to the link, and a slotted coupling made to engage the chain.

1,642,676. ILLUMINATING DIAL. ALFRED HENRY GREBE, Hollis, N. Y. Filed May 28, 1925. Serial No. 33,424. 4 Claims. (Cl. 240-2.)



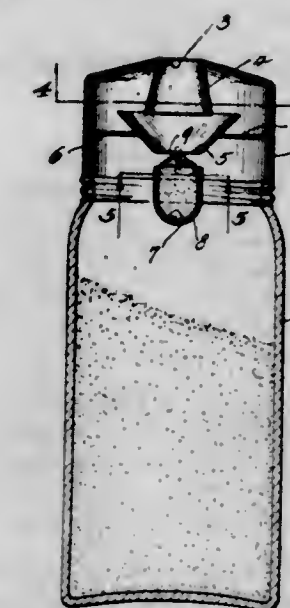
1. In an apparatus for illuminating the control dials of a radio receiver, a panel apertured for the projection of control dials therethrough, a reflector mounted on the exterior of said panel in positions adjacent the projecting control dials, lamps mounted on the rear of said panel directly opposite said reflectors and spring means for yieldingly securing said lamps in a position adjacent said control dials and behind said reflectors for illuminating said control dials.

1,642,677. ILLUMINATING DIAL. ALFRED HENRY GREBE, Hollis, N. Y. Filed May 28, 1925. Serial No. 33,425. 2 Claims. (Cl. 240-2.)



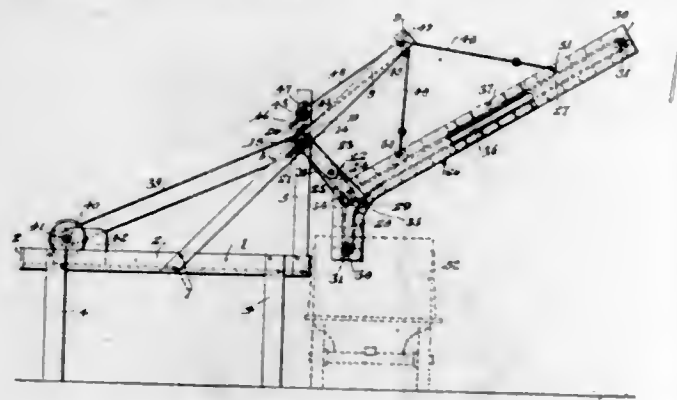
1. An illuminating system for the dial adjusters of radio receiving apparatus, comprising a cabinet structure having a front panel, and a hinged top arranged to normally lie in a horizontal position spaced from the top edge of said front panel forming a horizontal passage, a plurality of rotatable dial members projecting through said front panel and beyond the plane thereof, an incandescent lamp positioned behind said panel adjacent each of said rotatable dial members, and a metallic reflector carried by the lower face of said hinged top and arranged to extend beyond the plane of said front panel for a distance proportioned to the distance to which said rotatable dial members project beyond the plane of said panel, whereby the rays of light from each of said incandescent lamps are diverted from said horizontal passage substantially beyond said panel and reflected upon said rotatable dial members for illuminating said dial members.

1,642,678. SUGAR-DISPENSING RECEPTACLE. STEVEN HORVATH, Lorain, Ohio. Filed Jan. 10, 1927. Serial No. 160,154. 3 Claims. (Cl. 221-98.)



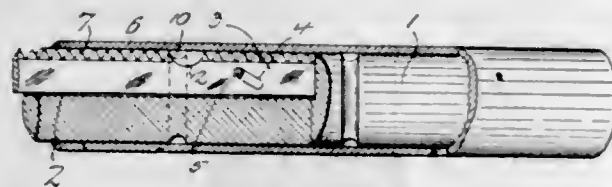
1. In dispensing means of the class described, the combination of a receptacle, a cover therefor having a discharge opening, means associated with the cover for delivering a measured quantity of the contents of said receptacle, comprising a measuring cup adapted to receive and hold a predetermined amount of the contents and bodily movable by gravity action toward the discharge opening to effect discharge of its contents there-through.

- 1,642,679. LOADING MACHINE. WESLEY A. HULA, Medford, Okla. Filed Aug. 5, 1926. Serial No. 127,339. 1 Claim. (Cl. 198—122.)



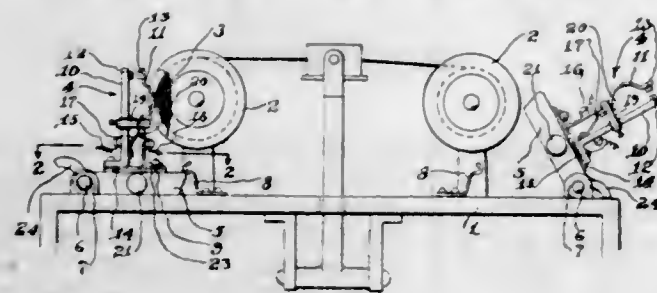
In combination, an elevated platform, uprights secured to one end thereof, upper and lower shafts journaled in said uprights, an inclined suspension frame having its lower end connected to said platform, connected intermediate its ends to said uprights and projecting outwardly from these latter, adjustable, hinged members extended from said lowermost shaft, means for latching the hinged members in adjusted position, a conveyor mechanism pivotally connected intermediate its ends to the outer ends of said members, adjustable suspension cables connected with the conveyor mechanism at two points beyond its pivotal connection with said members, said cables winding on and off said shafts, a pawl and ratchet mechanism associated with each shaft, and conveyor mechanism operating means supported by the platform and operatively connected with such mechanism.

- 1,642,680. CORE-SUPPORTING MEANS. ROBERT McC. JOHNSTONE, Roselle Park, N. J., assignor to Cameron Machine Company, Brooklyn, N. Y., a Corporation of New York. Original application filed May 2, 1923, Serial No. 636,133. Divided in part and this application filed Apr. 16, 1925. Serial No. 23,706. 2 Claims. (Cl. 242—68.)



2. Core-supporting means comprising: a shaft having circumferential grooves to provide clearance for exterior cutting means, and expansible devices within said shaft to engage, intermediate the grooves, a core member surrounding the shaft and to hold, in undisturbed relation, a group of individual cores produced from said core member.

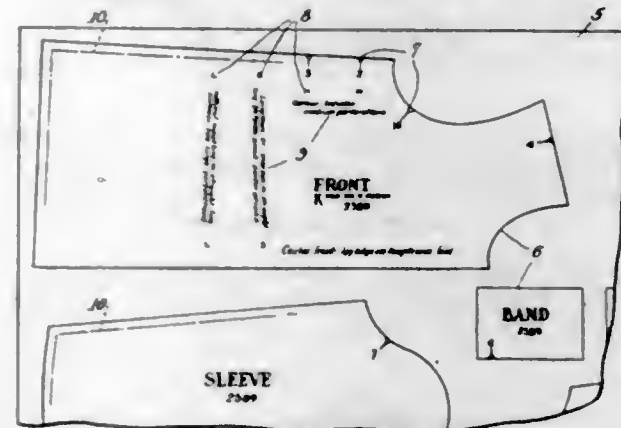
- 1,642,681. REEL-STOPPING DEVICE FOR RECORD-OPHONES. JACOB KAPLAN, Washington, D. C., assignor to Record-O-Phone Company, Inc., Washington, D. C., a Corporation of Delaware. Filed Feb. 17, 1926. Serial No. 88,970. 15 Claims. (Cl. 242—54.)



1. In a device of the class described in combination, a reel, windings on said reel, a flexible member, a rigid

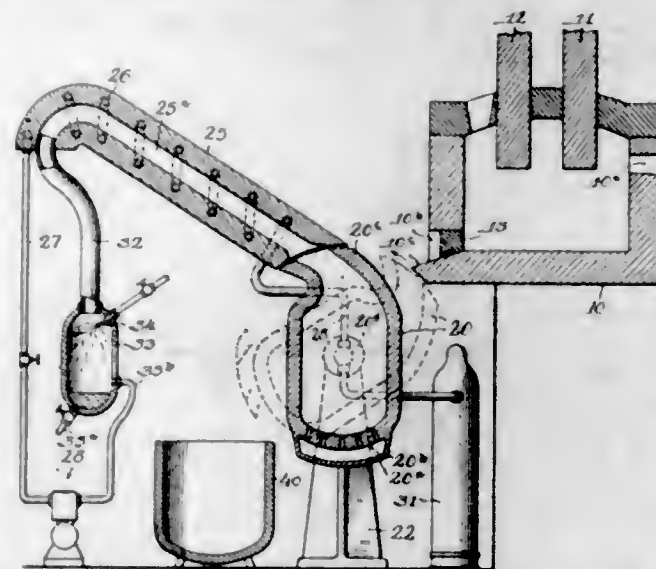
member, the said members adapted to contact when the diameter of the windings on said reel increase, means to normally urge the said flexible and rigid members apart, means to limit the distance between the said members, a movable block and means to adjust the position of the said block.

- 1,642,682. GARMENT OR DRESS PATTERN. GEORGE M. LAUB, New York, N. Y., assignor to Excella Pattern Company, New York, N. Y. Filed Dec. 22, 1925. Serial No. 76,946. 1 Claim. (Cl. 33—17.)



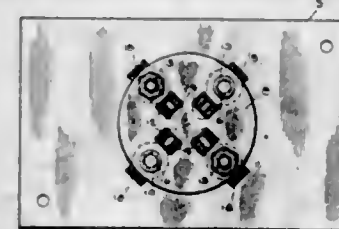
The method of producing garment patterns which consists in printing on pattern sheets perforation indicators, notch indicators, instructions for the use of the pattern, and lines to be followed by a guide for a cutter, the said lines being positioned on the said pattern sheet outside of and parallel to the outlines of the sections into which the pattern sheet is to be divided; and subsequently dividing the said pattern sheets into sections by passing them into relation with a guide and a cutter, the said guide traveling along the said lines printed on the pattern sheet and the said cutter dividing the pattern sheet into sections, the outlines of which are cut inside of and parallel to the said printed lines on the pattern sheet.

- 1,642,683. APPARATUS FOR PRODUCTION OF PURE METAL. SAMUEL L. MADORSKY, Chicago, Ill., assignor to Gathmays Research Corporation, Chicago, Ill., a Corporation of Illinois. Filed July 5, 1924. Serial No. 724,264. 7 Claims. (Cl. 266—36.)



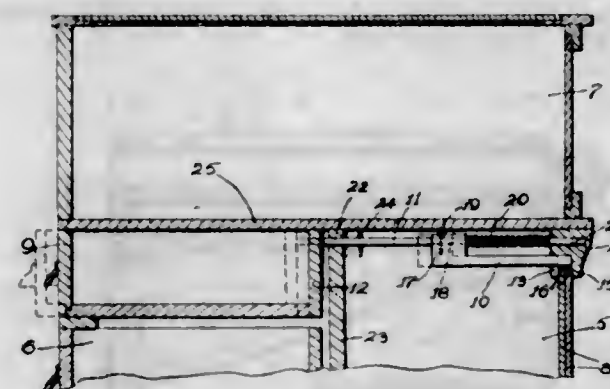
1. In apparatus of the class described, a melting furnace; a converter having a spout; a discharge duct; said converter being movable to align said spout with said furnace or with said duct; means to supply reducing gas to the contents of said converter, and means associated with said duct to pre-heat said reducing gas prior to such introduction.

- 1,642,684. VACUUM-TUBE SOCKET. RAY H. MANSON, Rochester, N. Y., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y., a Corporation of New York. Filed Aug. 26, 1925. Serial No. 52,675. 2 Claims. (Cl. 173—328.)



1. In combination with a support having openings of different areas to receive the terminals of a vacuum tube, a disk of insulating material having a plurality of rectangular and circular openings, said rectangular openings being in registry with said first mentioned openings, terminals mounted between said support and said disk, resilient prongs on each terminal and projecting through the rectangular openings in said disk, each of said terminals having a pair of openings therein, one of which is between said prongs and the other opening in registry with the circular opening in said disk, means passing through the circular openings in said disk and through the last mentioned openings in said terminals for securing said terminals to said disk, and means for securing said disk to said support.

- ✓ 1,642,685. SHOW-CASE LOCK. HENRY G. MICHAELSON, Rockford, Ill. Filed Feb. 9, 1927. Serial No. 166,866. 8 Claims. (Cl. 211—25.)

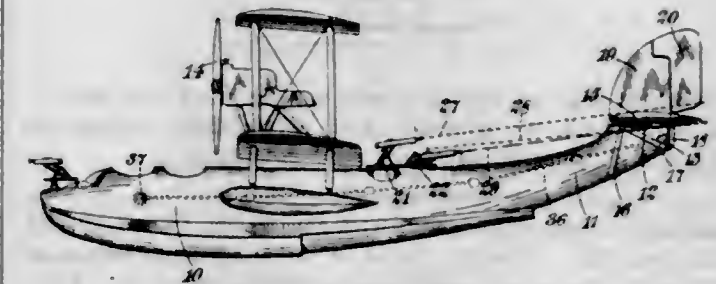


1. In a showcase comprising a front display section, a plurality of movable doors affording access to the inside of said section, a single latch member for locking all of said doors together in their closed position, said latch being arranged to occupy an inoperative or an operative position, spring means normally urging said latch toward one position, and means operative from the rear side of the showcase for moving said latch to the other position.

- 1,642,686. FLYING BOAT AND LIKE AIRCRAFT. REGINALD JOSEPH MITCHELL, Southampton, England, assignor to The Supermarine Aviation Works Limited, Southampton, England, a British Company. Filed Nov. 28, 1925, Serial No. 71,924, and in Great Britain Nov. 29, 1924. 5 Claims. (Cl. 244—29.)

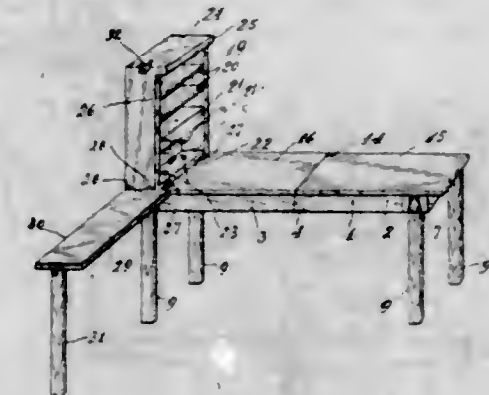
1. In an aircraft, the combination of a fuselage, and a tail-plane unit comprising a tail-plane that is mounted on the fuselage so as to be angularly adjustable about an

axis parallel with its leading edge, a plurality of vertical fins supported by said tail-plane, an elevator carried by the tail-plane and a plurality of rudders hinged each to one of said fins, the supports of which fins are solely in the form of cantilevers so carried by the tail-plane that the fins are supported at their base from the surface of



the tail-plane whereby the spaces between and at the sides of the fins are left free from bracing, and elevator-controlling members and rudder-controlling members that extend towards, and are provided with a joint in proximity to the hinge axis of the tail-plane, substantially as described.

- ✓ 1,642,687. COMBINATION TABLE AND FOOD CABINET. JOLLY L. MOARIS, Crafton, Pa. Filed Nov. 20, 1925. Serial No. 70,273. 2 Claims. (Cl. 45—116.)

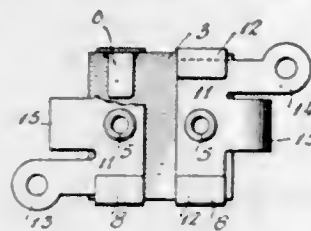


1. In combination, a table-frame composed of two halves hinged to and foldable on each other; means positioned on said frame for removably securing table-legs thereto; a food-cabinet positioned on said frame; a foldable table-top hingedly connected to said cabinet; cross-pieces positioned in one half of the frame for storing thereof said table-legs, and cross-pieces positioned on the other half of the frame and adapted to bear on said legs when stored in the folded frame.

- 1,642,688. FIXED CONDENSER. ARTHUR MOSS, New York, N. Y., assignor to Electrad, Inc., New York, N. Y., a Corporation of New York. Filed July 14, 1925. Serial No. 43,511. 1 Claim. (Cl. 175—41.)

A fixed condenser comprising a stack of alternately arranged conductive and dielectric sheets, pressure plate members on opposite ends of said stack, one of said pressure plate members being provided with diametrically opposed edge recesses, lugs contiguous with each of said conductive sheets, the lugs of the sheets of the one polarity being folded over said last mentioned pressure plate member and within the recesses at one end of said plate member, while the lugs of the sheets of the opposite

polarity are folded over said last mentioned pressure plate member in the recesses at the other end of said plate member, and U shaped clamp members disposed

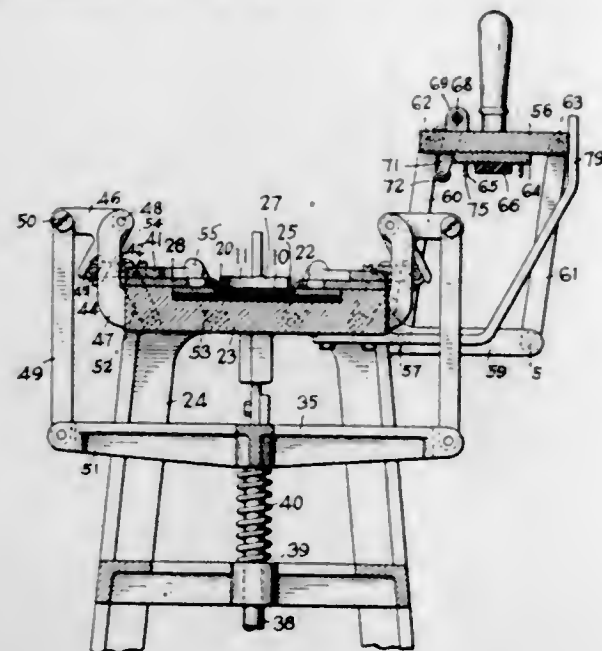


about said lugs at opposite ends of the stack for subjecting said stack to pressure and establishing connection with the conductive sheets of said condenser.

1,642,689. METHOD OF PREPARATION OF METHYL FORMATE. MARTIN MUGDAN and JOSEPH WIMMER, Munich, Germany, assignors to Consortium für Elektrochemische Industrie, Munich, Germany. Filed Jan. 22, 1926, Serial No. 83,110, and in Germany Jan. 22, 1925. 10 Claims. (Cl. 26-106.)

4. Process for the production of methyl formate which consists in passing vapors of formaldehyde in contact with a finely divided copper heated to a temperature between 100° C. and 250° C.

1,642,690. MACHINE FOR MAKING CORK INSOLES. JULIUS NUESKE, JR., New York, N. Y., assignor to L. Mundet & Son, Inc., Brooklyn, N. Y., a Corporation of New York. Filed Sept. 4, 1925. Serial No. 54,391. 16 Claims. (Cl. 12-20.)

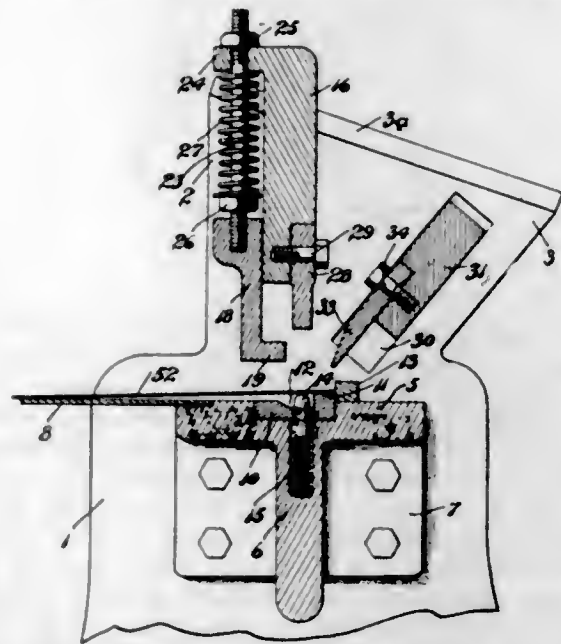


1. In a machine for making insoles, a plate having a cut-away portion shaped to fit an insole and adapted to receive a fabric covering and a cork sheet, reciprocating means for engaging and folding the entire edge of said covering on the top of said sheet at one time in a single reciprocation of said means, and means for locking said covering to said sheet.

1,642,691. JOINT-FORMING MACHINE. OSCAR P. NYSTROM and JOHN KNOLL, Holland, Mich., assignors to Holland Furnace Company, Holland, Mich., a Corporation of Michigan. Filed Mar. 17, 1923. Serial No. 625,810. 4 Claims. (Cl. 153-13.)

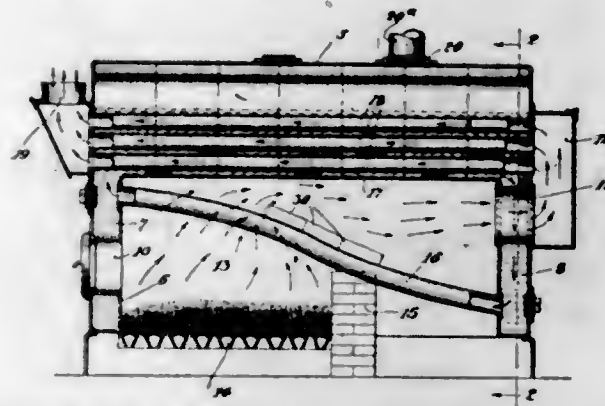
2. In a machine of the class described, a supporting frame including vertical end members, each at its upper end having a vertical guide slot and an inclined guide slot, a supporting member horizontally located between the end members and attached at its ends thereto, a die secured in the upper side of said supporting member, a beam located above the die and slidably mounted at its ends in the vertical guide slots, a rotatably mounted shaft

adapted to rotate through one revolution, means actuated by the shaft and connected to the beam for moving the beam downwardly and then upwardly with each revolution of the shaft, a punch attached to the under side of the beam to cooperate with the die to form sheet metal placed over the die and under the punch, a bar disposed at an angle to the vertical and carried at one side of the vertical guide slots by said inclined guide slots



through which the ends of the bar pass, a second punch attached to the under side of the bar, a lever pivotally mounted between its ends on each of the vertical end members, each lever extending over the shaft, cams on the shaft against which said levers bear, springs attached one to one end of each lever normally holding the levers against said cams, and rods connecting the opposite ends of the levers to said bar, substantially as described.

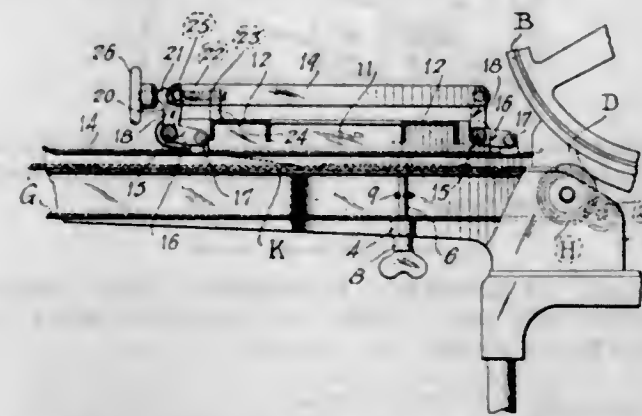
1,642,692. STEAM BOILER. CASIN W. OBERT, Mount Vernon, N. Y. Filed Aug. 1, 1924. Serial No. 729,431. 1 Claim. (Cl. 122-76.)



A steam boiler comprising: a tubular boiler proper; a front water leg and a rear water leg arranged at and substantially flush with the front end respectively with the rear end of the tubular boiler; a crown sheet on the tubular boiler; a plurality of comparatively narrow tubes for the combustion gas extending through the tubular boiler above the crown sheet; a fire box below the front end of the crown sheet; a combustion chamber below the other end of the crown sheet; a gas reversing box extending outside of the rear end of the tubular boiler and communicating with the before-said gas tubes; a passage through the rear water leg, connecting the combustion chamber with the gas reversing box; a gas collecting chamber at the front or exit end of the gas tubes at the outside of the tubular boiler; a single row of spaced comparatively large water circulating tubes, connecting the lowest part of the rear water leg with the upper part of the front water leg and passing through both the fire box and the combustion chamber; a separat-

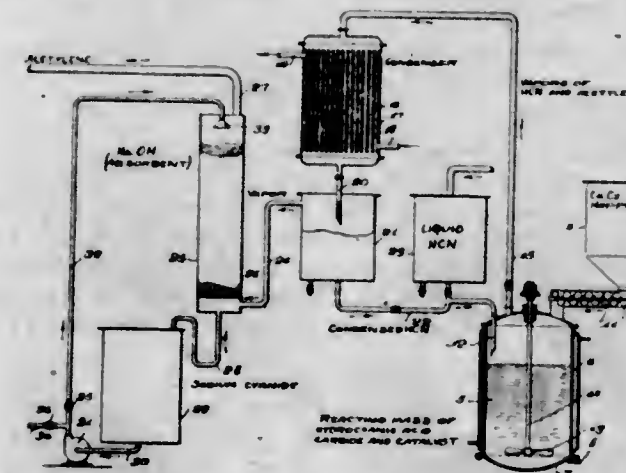
ing wall between the fire box and the combustion chamber extending from the ground up to the row of water circulating tubes; a firebrick arch extending from the separating wall along the upper side of the water circulating tubes upwardly for a limited length, adapted to force the flames of the fire box against the uppermost part of the water circulating tubes and to reflect some heat back to the fuel on the furnace grate.

1,642,693. EXTENDER ATTACHMENT FOR DOUGH MOLDERS. EDWARD T. PARSONS, Upper Montclair, N. J., assignor to Thomson Machine Company, a Corporation of New Jersey. Filed July 7, 1926. Serial No. 120,882. 4 Claims. (Cl. 107-9.)



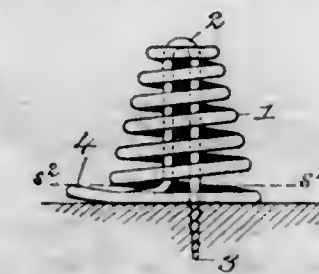
2. The combination of a dough handling machine including a frame having spaced and substantially parallel side pieces and a movable part between said side pieces to move a roll of dough along said frame, a loaf extender super-frame having side pieces to removably abut said side pieces of the first-mentioned frame, a compression plate mounted on said super-frame between said side pieces thereof and in spaced and parallel relation to said movable part, said plate being movable toward and from said movable part whereby a roll of dough may be moved between said compression plate and said movable part and said plate may exert pressure on said roll, said super-frame having screw threaded openings, thumb screws mounted in said frame to separately engage said openings for fastening said super-frame upon said frame, and means on said super-frame for actuating said compression plate.

1,642,694. PREPARATION OF CYANOGEN COMPOUNDS. ROBERT W. POINDEXTER, JR., Los Angeles, and WILLIAM EARL OLBERG, Long Beach, Calif., assignors to California Cyanide Company, Incorporated, New York, N. Y., a Corporation of Delaware. Filed Aug. 19, 1926. Serial No. 130,360. 8 Claims. (Cl. 23-79.)



3. The method of preparing a cyanogen compound of the alkali-forming metals, which comprises treating their carbides with anhydrous hydrocyanic acid, and with a relatively small proportion of a promoter free from water and water-forming components.

1,642,695. BINDING POST. WALTER HYERS PUMPHREY, New York, N. Y. Filed Feb. 9, 1926. Serial No. 87,743. 5 Claims. (Cl. 173-259.)



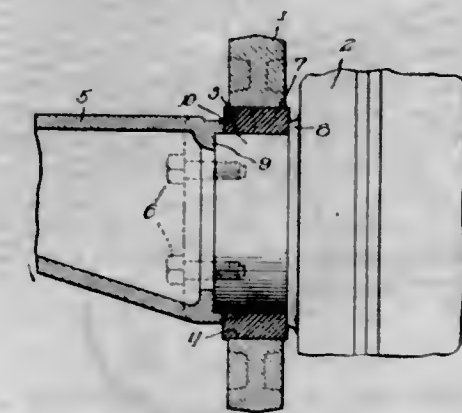
1. A binding post comprising a wire-engaging member having one end shaped as an encircling helical spring, the upper turn of which cooperates with the member as a wire clamp.

1,642,696. PROCESS OF FORMING OBJECTS WITH INTEGRAL CUP AND SHANK. CHARLES J. RATEIKE, Chicago, Ill., assignor to Chicago Forging & Mfg. Co., Chicago, Ill., a Corporation of Illinois. Filed May 9, 1924. Serial No. 712,057. 6 Claims. (Cl. 29-155.5.)



1. The improvement in the art of producing an object with an integral cup and shank, which consists in forging a piece of metal to produce a blank, comprising a cup-portion, a tapering portion and a shank portion, and then flattening the shank portion between dies which impinge the tapered portion, as well as the shank portion in advance of the remainder of the shank.

1,642,697. MOTOR SHOCK-INSULATING MEANS. JOHN RIISE, Doylestown, Ohio. Filed Sept. 21, 1925. Serial No. 57,619. 6 Claims. (Cl. 180-64.)

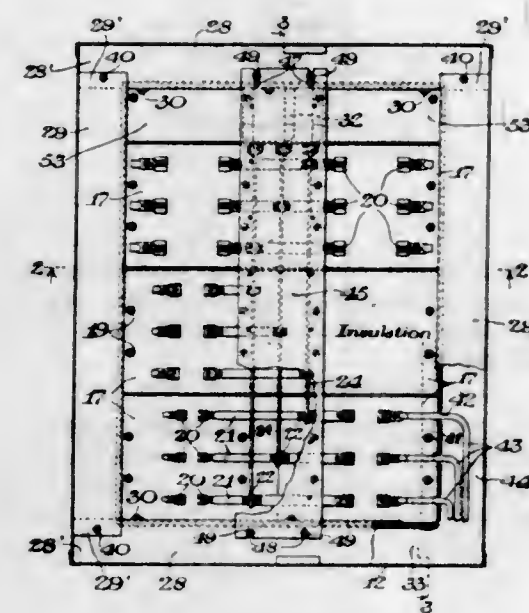


1. In an automobile, a motor support bracket, a motor having a cylindrical end portion mounted within said bracket, a second bracket secured to said motor, and a cushioning ring mounted upon said motor coaxially with said cylindrical end portion within said support bracket, said ring being held in a state of compression in a direction parallel with the axis of said cylindrical end portion between said motor and said second bracket.

1,642,698. POWER CABINET. GEORGE F. ROHN, Milwaukee, Wis., assignor to George F. Rohn Electric Company, Milwaukee, Wis., a Corporation of Wisconsin. Filed May 14, 1921. Serial No. 469,642. 6 Claims. (Cl. 247-10.)

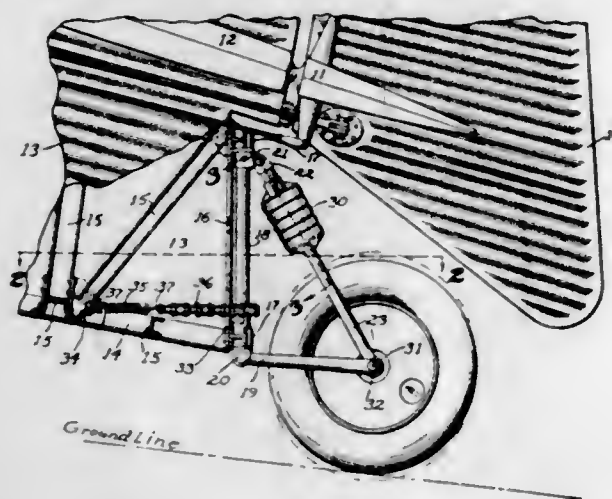
1. In a power cabinet, the combination of a casing having a back wall, panel mounting members secured to said back wall, panels mounted on said members and

spaced from the walls of said casing to form a wiring space, end plates of angle shape each having one flange secured between a plane and said mounting members and having the other flange extending outwardly adjacent



the edge of said panel to form the inner side of said wiring space, and removable angle plates supported by the projecting flanges of said end plates and co-operating with the walls of the casing to form wiring compartments.

1,642,699. AIRPLANE-TAIL-SUPPORTING WHEEL. CHARLES J. SMITH, Dearborn, and HAROLD A. HICKS, Detroit, Mich., assignors to Ford Motor Company, Detroit, Mich. Filed Dec. 27, 1926. Serial No. 157,339. 5 Claims. (Cl. 244-2.)

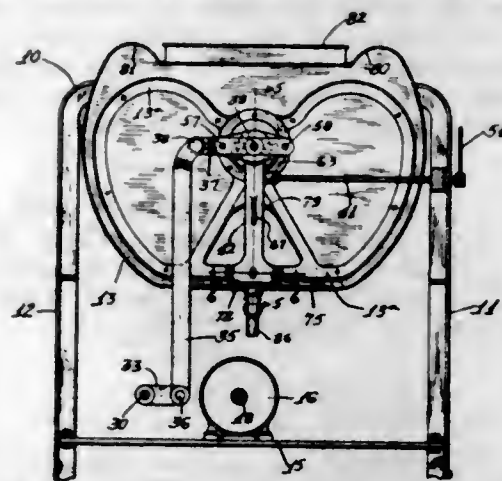


1. In an airplane tail supporting wheel, a fuselage, a tail supporting wheel rearwardly thereof, a caster type connection between said wheel and said fuselage, and means for normally, yieldingly urging the wheel to position where its axis is perpendicular to the vertical axial plane of the fuselage.

1,642,700. WASHING MACHINE. OSCAR E. STOKES, Streator, Ill. Filed Dec. 9, 1922. Serial No. 605,759. 6 Claims. (Cl. 192-148.)

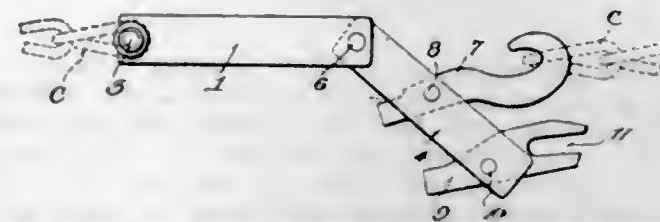
1. In a washing machine, the combination with a supporting frame, of a tank oscillatably supported by said frame, a rocking arm supported by said frame, a movable clutch in constant engagement with the rocking arm and adapted to be moved into and out of engage-

ment with the tank, a lever pivoted to said frame for controlling said clutch, means formed integrally with said lever for locking said tank against movement and said lever for locking said tank against movement and said lever for locking said tank against movement and said lever for locking said tank against movement.



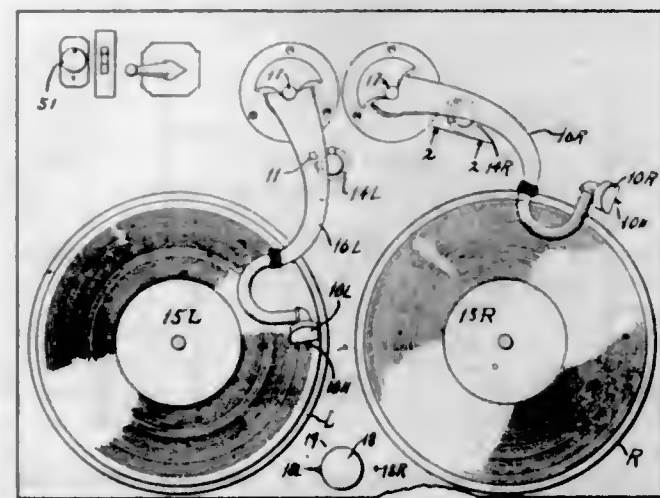
a spring for actuating said lever on its pivot for holding the clutch in its engaging and disengaging position with relation to the tank.

1,642,701. TIRE-CHAIN FASTENER. CARL STRAND, Mitchell, S. Dak. Filed Apr. 4, 1927. Serial No. 180,776. 5 Claims. (Cl. 24-68.)



1. In a tire chain fastener, a sheath having spaced sides open at the top and bottom thereof, a rivet connected to the sides at one end thereof and formed to engage one end of a chain, a carrier receivable between the sheath sides and having spaced sides, means to pivotally connect the carrier to the other end of the sheath, a hook pivoted between its ends to and between the carrier sides and having a notch formed in its tail, and a latch pivoted between its ends to and between the carrier sides, the latch having a bifurcated end formed to receive and engage the rivet, the tail of the latch being receivable in the notch of the hook whereby the latch and hook abut at their inner end portions in operative position of the parts so as to prevent movement of the parts out of the front side of the sheath.

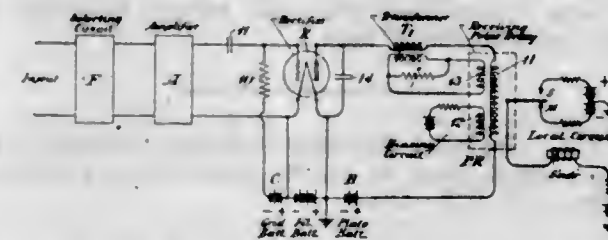
1,642,702. SYNCHRONIZING ATTACHMENT FOR PHONOGRAPHS. FREDERIC H. STROM, St. Paul, Minn. Filed Apr. 18, 1927. Serial No. 184,794. 7 Claims. (Cl. 179-100.1.)



1. In an electric record playing machine having two record turn-tables, two oscillatable tone arms, an electric pick-up on each tone arm and suitable electric sound

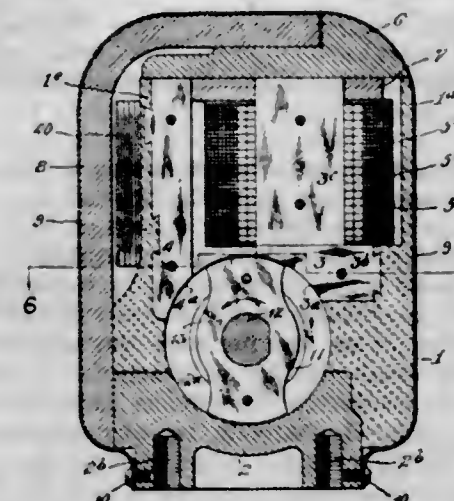
transmitting means to a tone chamber; an electric motor for each turn-table circuit closing and opening means operated by the oscillating movement of the tone arms for starting and stopping the corresponding motors; an electric circuit operatively connecting both pick-ups, means in said circuit for controlling current selectively through said pick-ups and simultaneously increasing current through one while increasing current through the other to electrically produce sound from either record as desired.

1,642,703. CARRIER TELEGRAPH RECEIVER. VAUGHN P. THORP, River Edge, N. J., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Oct. 10, 1925. Serial No. 61,778. 8 Claims. (Cl. 178-88.)



1. A receiving circuit for a telegraph system comprising an operating circuit, a relay having an armature, means to normally bias said armature against a normal contact, an operating winding in said operating circuit for shifting said armature from its normal contact, and an auxiliary winding upon the same core as said operating winding and inductively associated with said operating circuit so as to receive a kick impulse therefrom, said auxiliary winding being so poled that the kick impulse momentarily opposes the force tending to shift said armature.

1,642,704. MAGNETO. CHARLES H. TOWNE, Cleveland, Ohio, assignor, by mesne assignments, to Splittorf-Bethlehem Electrical Company, Newark, N. J., a Corporation of New Jersey. Filed June 19, 1920. Serial No. 390,207. 8 Claims. (Cl. 171-209.)

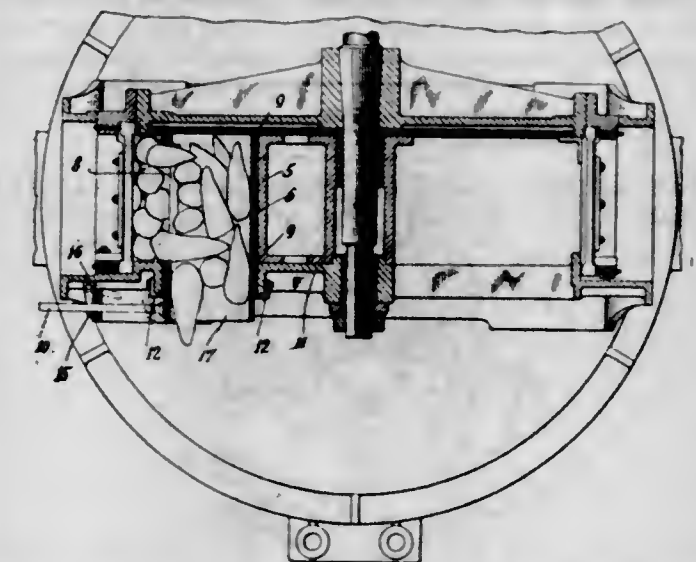


2. In an ignition generator, the combination of a stator comprising pole structures of opposite polarity, an L-shaped permanent magnet having engagement at its respective ends with the said opposite pole structures on plane surfaces at right angles to each other, a generating winding on one of the stator poles, and an inductor rotor disposed between the stator poles.

1,642,705. STONE CATCHER FOR BEET SLICERS. HOWARD RAY TUTTLE, Blissfield, Mich. Filed June 23, 1926. Serial No. 118,109. 3 Claims. (Cl. 146-90.)

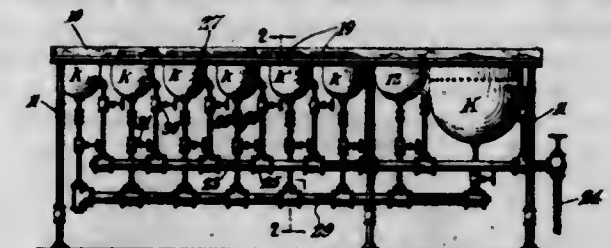
1. In a beet slicer having a stationary side member, a cylindrical drum revolving about a horizontal axis and having cutting knives fastened on the internal cylindrical face of same, and a stationary housing within said cylindrical drum, a cylindrical rock catcher rotatably

mounted in said housing and projecting through said stationary side member, said cylindrical rock catcher having a hand lever for turning same and having the end which passes through said stationary side member open,



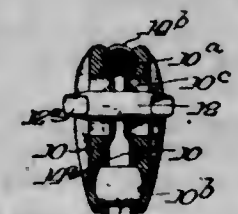
said cylindrical rock catcher also having an opening in the cylindrical face of same arranged to afford a continuous passage from the inside of the slicer through the last said opening and out through the open end of said cylindrical rock catcher to the space outside of said slicer.

1,642,706. COOKING AND SERVING INSTALLATION. FRANK H. WHITE, New York, N. Y. Filed Apr. 21, 1926. Serial No. 103,495. 2 Claims. (Cl. 126-33.)



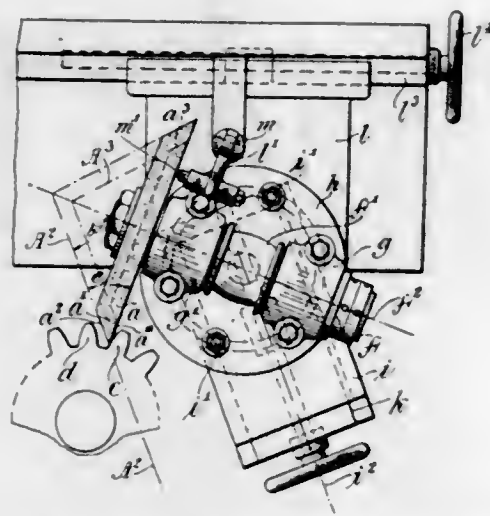
1. A kitchen installation comprising a table having a plurality of steam jacketed kettles fixed therein, a common live steam pipe having branches leading to the respective steam jackets, a valve in each branch to control the admission of steam to the corresponding jacket, an exhaust pipe, return pipes from the various steam jackets, leading to said exhaust and each having a valve therein, a battery of crocks at substantially the level of said kettles and in which food is to be kept warm without boiling, and a steam coil extending below said crocks and supplied from said exhaust pipe.

1,642,707. HANGER CLAMP FOR STRANDED CABLES. ALFRED WICHERT, Mannheim-Neustadt, Germany, assignor to Aktiengesellschaft Brown, Boveri & Cie., Baden, Switzerland, a Joint Stock Company. Filed Jan. 27, 1927. Serial No. 164,058, and in Germany Feb. 3, 1926. 5 Claims. (Cl. 24-115.)



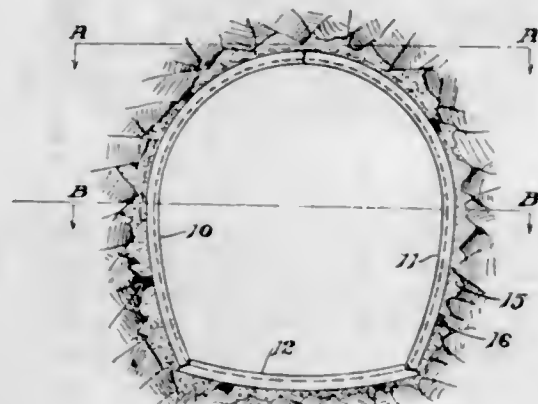
1. In a line supporting device, the combination of jaw members, means for securing them in clamping engagement with a line, and a constricting member secured between the jaw members and having a sleeve portion for embracing the line.

1,642,708. GRINDING WHEEL AND METHOD OF GRINDING. GOTTFRIED WIRER, Plainfield, N. J., assignor to International Motor Company, New York, N. Y., a Corporation of Delaware. Filed June 13, 1922. Serial No. 567,993. 4 Claims. (Cl. 51-52.)



1. A grinding element of generally conical form having a grinding face at its end, means to support the grinding element rotatably in grinding relation to the work and means to feed the grinding element into the work along a line parallel to the cone face.

1,642,709. TUNNEL CONSTRUCTION. PIERRE ZUCCO, San Francisco, Calif. Filed Aug. 20, 1923, Serial No. 658,236. Renewed Mar. 19, 1927. 2 Claims. (Cl. 61-45.)



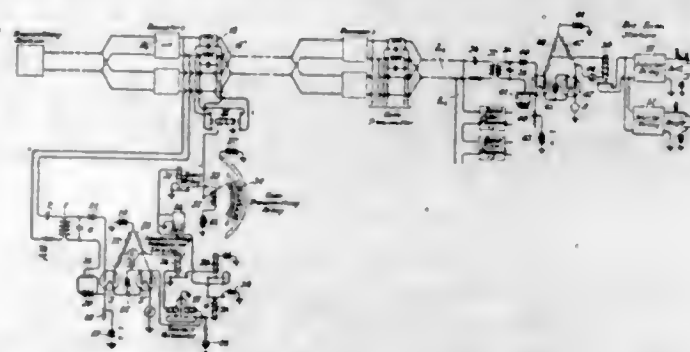
2. A tunnel structure comprising in any cross-section a floor, side and roof members, the side and roof members being thin, precast units of cementitious material, serving as a lining for the tunnel and a support for the back filling, and a filling of concrete covering the outer periphery of said members and occupying the space between such members and the walls of the tunnel excavation.

1,642,710. PILOT-CHANNEL-INDICATING SYSTEM. HERMAN A. AFFEL, Ridgewood, N. J., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Sept. 18, 1926. Serial No. 136,261. 8 Claims. (Cl. 177-311.)

2. In a carrier signaling system, the method which consists in transmitting over a line an alternating current constituting a pilot channel, effectively interrupting in accordance with a predetermined code the flow of current over the said line whenever the said pilot current exceeds a fixed limit, and selectively operating at another point on said line an alarm responsive to the particular code of interrupted pilot current.

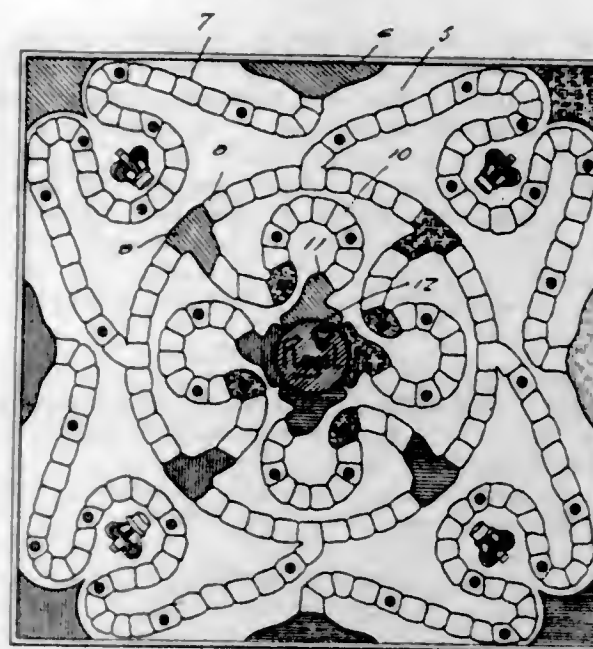
8. In a carrier signaling system in which a pilot channel and a signaling channel are simultaneously transmitted,

the method of determining the level at any point which consists in selecting a part of the pilot channel current



and using it to modulate the remainder of the pilot current being transmitted over said system whenever said current exceeds a fixed level.

1,642,711. GAME. ERNESTO CABARGA ALFONSO, Ada, Ohio. Filed May 24, 1926. Serial No. 111,306. 1 Claim. (Cl. 273-134.)

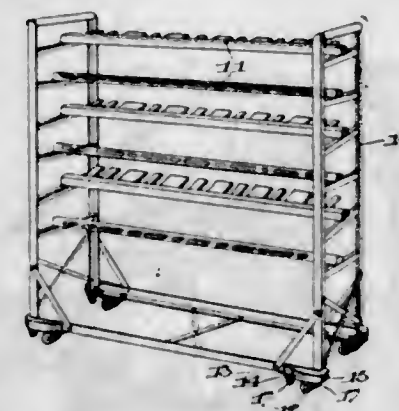


A game consisting of a board having a plane surface provided thereon with a plurality of starting areas with sinuous paths leading inwardly therefrom and terminating in a circular path which has a plurality of inwardly directed sinuous paths terminating in a finishing circle positioned concentrically within the circular path, a plurality of game pieces, one for each starting area, a plurality of rest areas provided at junctures of the circular path with the circumventing sinuous paths said starting areas being colored similarly to corresponding resting areas so that the resting areas denote the particular second sinuous path which corresponds to the first sinuous path and which must be followed by the particular game pieces starting on the corresponding starting areas, said resting areas preventing the passage of other non-corresponding game pieces in the circular path when occupied by corresponding game pieces.

1,642,712. SHOE RACK. CHARLES S. ANGERS, Milwaukee, Wis., assignor, by mesne assignments, to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Apr. 16, 1923. Serial No. 632,354. 1 Claim. (Cl. 280-49.)

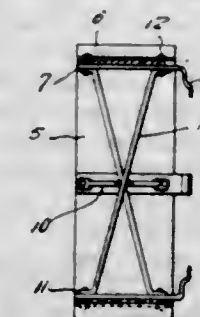
In a rack, a rack frame, a caster frame secured to each corner thereof, a caster mounted in each caster frame, a bumper projection at the end and the side of each caster frame for preventing rack frames from coming close enough together to pinch the fingers between them, and

a pair of downwardly and inwardly inclined guard members at the front and the rear of each caster to serve as fixed cams for lifting the rack when striking an obstruction



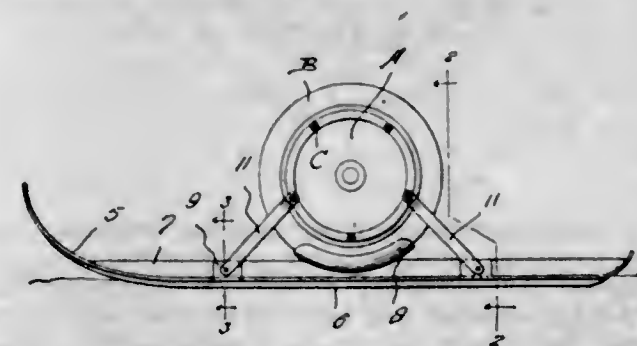
tion which would be likely to injure the caster, the caster frame, bumper projection and guard members at each corner of the rack frame being of unitary construction.

1,642,713. TRACTION ATTACHMENT FOR VEHICLE POWER WHEELS. JOHN ALTON BARRETT, McMillan, Mich. Filed Feb. 28, 1927. Serial No. 171,663. 1 Claim. (Cl. 301-40.)



In a traction device for automobile power wheels, wherein the felloes thereof are equipped with transversely extending demountable rim lug retaining bolts, a single metallic band of predetermined width and diameter, cross cleats arranged upon the outer surface of the band, transverse metallic straps arranged upon the inner surface of the band and equal in number to the number of the wheel lug bolts, stress distributing rods arranged diagonally within the band and attached at their opposite ends to opposed straps and to the band and means upon the inner ends of said straps for facilitating the securing of the same to the wheel lug bolts.

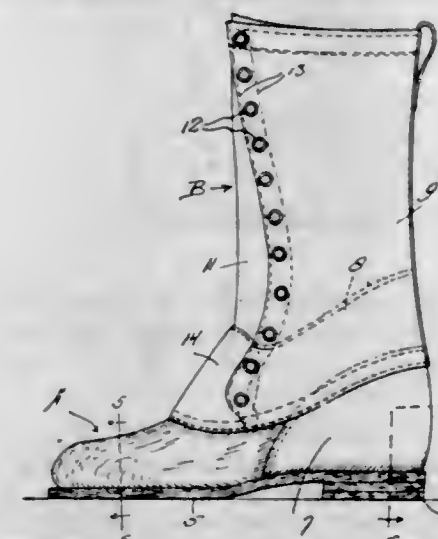
1,642,714. AUTO WHEEL SLEIGH RUNNER. JOHN ALTON BARRETT, McMillan, Mich. Filed Feb. 28, 1927. Serial No. 171,664. 2 Claims. (Cl. 280-13.)



1. In a sleigh runner for automobile wheels, a metallic runner, a filler strip disposed upon the inner face of the runner, means arranged intermediate the ends of the filler

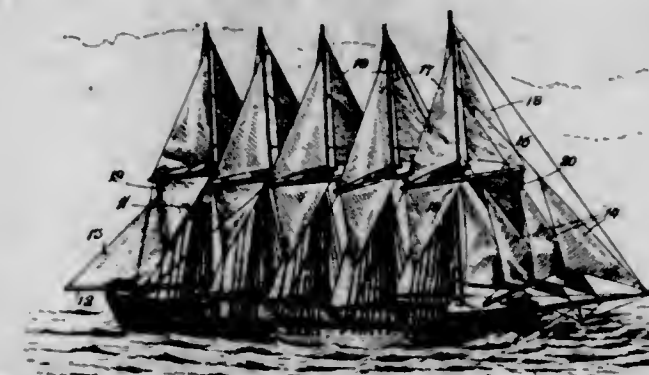
strip for receiving and supporting a vehicle wheel, means whereby the wheel may be rigidly secured to the runner at opposite sides of the filler strip and at opposite ends of said wheel supporting means, said means consisting of a plurality of metallic straps pivoted at certain ends to the runner, and lugs formed upon the inner ends of the straps having openings therein for engagement over adjacent wheel rim lug bolts.

1,642,715. BOOT. JESSE L. BARRETT, McMillan, Mich. Filed Mar. 1, 1927. Serial No. 171,822. 1 Claim. (Cl. 36-10.)



In a boot of the class described, a foot portion constructed of one piece of felt, the bottom thereof being closed, a sole and heel secured to the closed bottom of the foot portion and being also of felt, said foot portion being formed with an upwardly extending skirt to provide a portion of the boot upper, a leather counter secured to the outer face of the heel portion of the foot portion, an upper structure consisting of a strip of leather, the lower edge portion thereof extending around the heel portion and the sides of the foot and being stitched thereto, the front of the upper being open, a tongue-forming strip secured at its lower end to the outer side of the instep portion of said skirt, the side edges of the strip comprising the tongue being stitched to the adjacent edges of the upper, and a reinforcing tab arranged over the lower end of the tongue and secured to the instep portion of the foot skirt.

1,642,716. SHIP'S RIGGING. AARON BENTZEN, New York, N. Y. Filed Aug. 22, 1925. Serial No. 51,830. 6 Claims. (Cl. 141-102.)

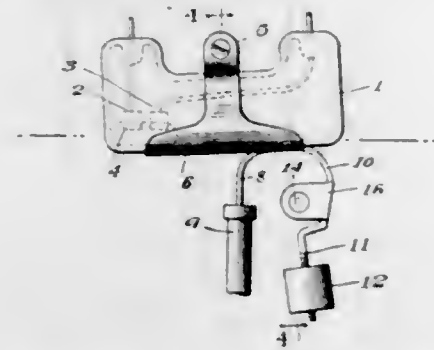


1. A ship's rigging, including a leg-of-mutton mainsail, starboard and port top-sails, and triangular depending starboard and port yard-sails, each having the vertical edges disposed outwardly and the inclined edges inwardly.

1,642,717. METHOD OF MANUFACTURING RECEPTACLES. RUDOLF JOHANNES BIEBER, Hamburg, Germany. Filed Sept. 4, 1925. Serial No. 54,581, and in Germany Sept. 24, 1924. 6 Claims. (Cl. 18—56.)

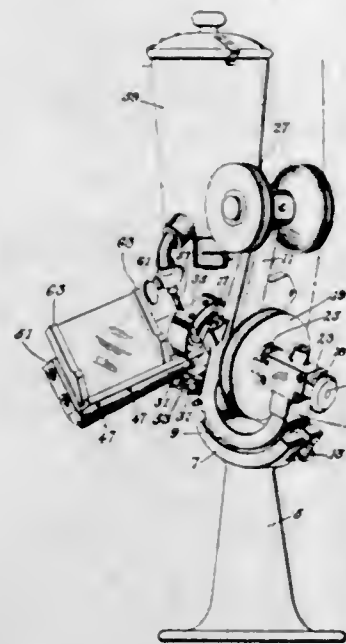
1. The method of making receptacles which comprises providing two thin wood veneers of paper-like thickness with an intermediate thin fibrous reinforcing sheet also of paper-like thickness, and pressing the composite sheet thus produced into a dished form.

1,642,718. ATMOSPHERICALLY-CONTROLLED SWITCH. JOHN E. BOLLING, Chicago, Ill., assignor to Drying Systems, Inc., Chicago, Ill., a Corporation of Illinois. Filed Jan. 11, 1926. Serial No. 80,548. 4 Claims. (Cl. 200—137.)



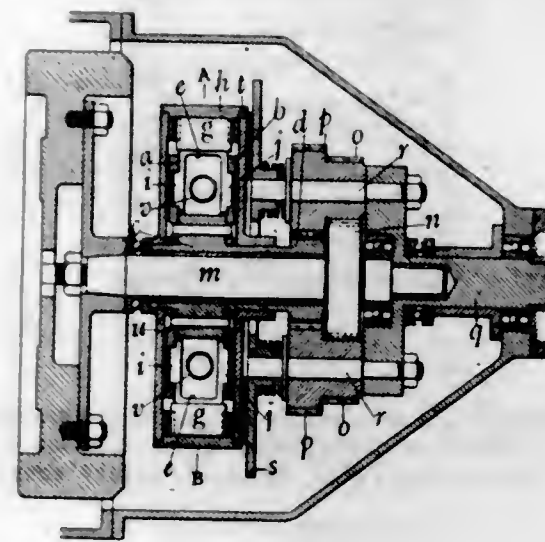
1. In combination, in an atmospherically controlled device having a movably responsive member, a pivotally mounted mercury bulb switch resting on said member and having the mercury globule thereof shiftable with respect to the pivotal axis, and a counterweight attached to the switch and movable therewith for counterbalancing the weight of said globule in the extreme positions.

1,642,719.HEEL-BEVELING MACHINE. MICHAEL FRANK BROGAN, Lawrence, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Aug. 6, 1924. Serial No. 730,455. 7 Claims. (Cl. 12—46.)



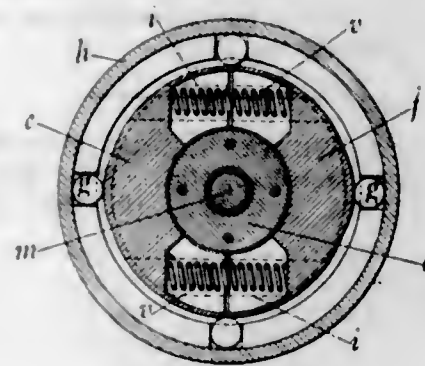
1. A cutting machine comprising a work-support having surfaces arranged to engage two angularly related meeting surfaces of an article of work, said work-engaging surfaces forming a trough, and a rotary disk cutter arranged to operate in said trough, said support and said cutter being constrained to relative rectilinear movement lengthwise of said trough to cause the cut to progress through the work.

1,642,720. INFINITELY-VARIABLE GEAR. HOLMAN LINNELL BROOKE, Bradford, England. Filed Feb. 20, 1925. Serial No. 10,673, and in Great Britain Mar. 19, 1924. 3 Claims. (Cl. 74—34.)



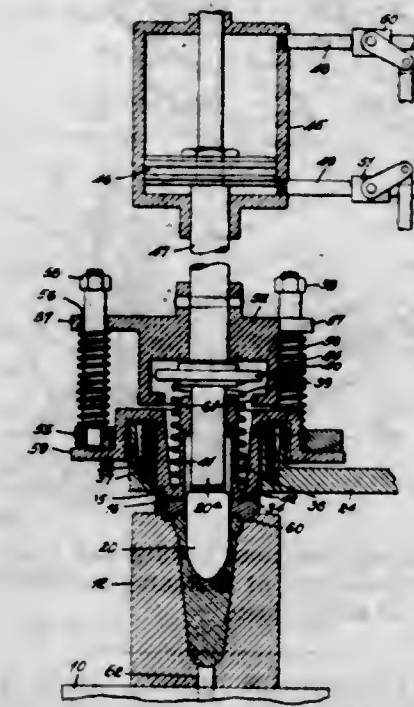
1. In a transmission gearing of the character described in combination, a driving shaft, a driven shaft, a centrifugal clutch device including driving and driven members, means for connecting the driven member with the driven shaft, means directly interposed between the driving member and the driving shaft and driven shaft and responsive to variations in the ratio of speed between the driving and driven shafts to increase the speed of the driving member incident to the reduction of speed of the driven shaft relative to the driving shaft and comprising differential gearing composed of a planet carrier directly connected with the driven shaft, sun wheels directly carried by the driving shaft and the driving member, and the means for connecting the driven member with the driven shaft being directly connected with the planet carrier, substantially as and for the purposes set forth.

1,642,721. CENTRIFUGAL CLUTCH. HOLMAN LINNELL BROOKE, Bradford, England. Original application filed Feb. 20, 1925. Serial No. 10,673, and in Great Britain Mar. 19, 1924. Divided and this application filed May 4, 1926. Serial No. 106,747. 2 Claims. (Cl. 192—105.)



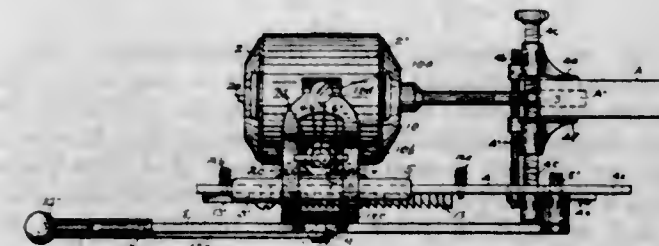
1. A centrifugal clutch of the character described, comprising a rotating driving member, weighted bodies mounted thereon and presenting a wave-like peripheral surface, a driven member, and rollers interposed between the weighted bodies and the driven member so that movement of the driving member relative to the driven member results in radial movement of said weighted bodies against the action of centrifugal force, substantially as and for the purposes set forth.

1,642,722. GLASSWARE-SHAPING MACHINE. JOHN DAVIS, East Hartford, Conn., assignor to Hartford-Empire Company, Hartford, Conn., a Corporation of Delaware. Filed Sept. 25, 1925. Serial No. 58,517. 20 Claims. (Cl. 49—35.)



1. A glass shaping machine comprising a plurality of molds, a permanently vertical pressing plunger associated with each of said molds, and a single pressing mechanism adapted to actuate said plungers successively.

1,642,723. MORTISING MACHINE. HARRY DE WALLACE, Syracuse, N. Y., assignor to Ray L. Carter, Phoenix, N. Y. Filed Sept. 13, 1926. Serial No. 135,138. 9 Claims. (Cl. 144—170.)



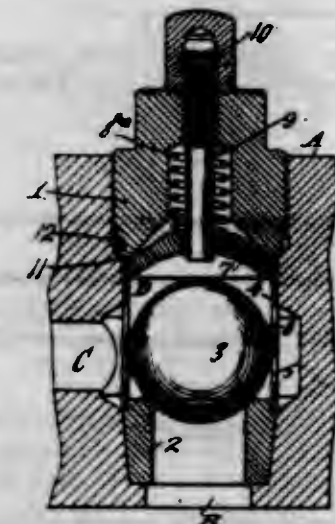
1. A door mortising machine including a motor and a tool driven thereby, a bracket adapted to be clamped to the edge of a door having a guide arm formed with a slot, a shoe slidable on said guide arm towards and away from the door, a guide member mounted on said shoe, for enabling the motor to be moved bodily in planes parallel to the edge of the door, a lever pivoted in the slot of the guide arm for moving the motor along said guide, means carried by said lever for advancing the motor for progressively sinking a mortise in the edge of the door, and means carried by said guide arm and said shoe for maintaining each advance of the motor.

1,642,724. VALVE. WILLS M. FLEMING, Holyoke, Mass., assignor to Worthington Pump & Machinery Corporation, New York, N. Y., a Corporation of Virginia. Filed Apr. 12, 1924. Serial No. 706,091. 4 Claims. (Cl. 251—121.)

4. The combination with a valve chest, of a valve plug closure for the valve chest, a stop threaded through the

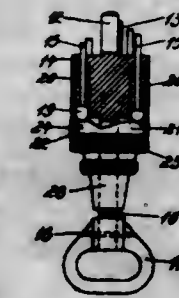
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valve plug closure for regulating the lift of the valve from outside the valve chest, and a cap nut on the adjustable stop for locking the stop in adjusted position, said valve



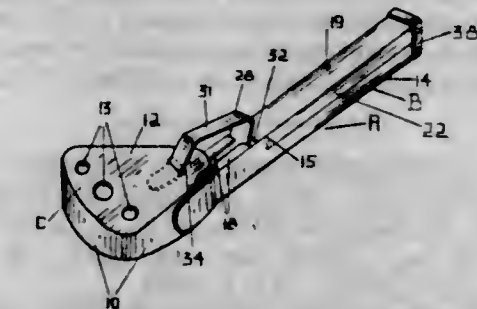
plug closure forming a line-to-line metal contact with the cap nut and the valve chest to seal the joints without packing.

1,642,725. KEY FOR COMBINATION LOCKS. ERNST FRISCHMUTH, Siemensstadt, near Berlin, Germany. Original application filed May 4, 1923, Serial No. 636,605. Divided and this application filed Dec. 10, 1924. Serial No. 755,087. 3 Claims. (Cl. 70—9.)



1. A key for a combination lock comprising in combination a shaft, a cylinder having bores being an integral part of said shaft, headed pins in said bores adapted to be moved longitudinally to projected or retracted position, springs in said cylinder bores tending to force the heads of said pins to retracted position and a rotatably movable cam plate for controlling the movement of said pins.

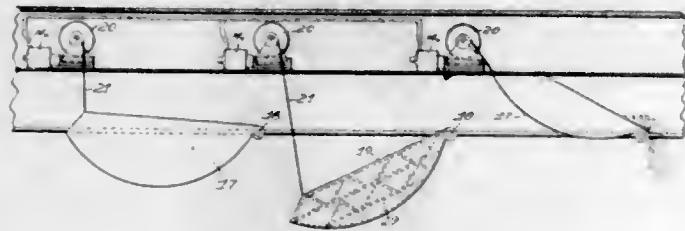
1,642,726. ICE-CREAM SCOOP. HARLAN P. GARDNER, St. Paul, Minn., assignor to Lucile Gardner, St. Paul, Minn. Filed Mar. 20, 1925. Serial No. 16,955. 6 Claims. (Cl. 107—48.)



1. An ice cream scoop including a sector shaped scoop compartment, an ejecting plate within said compartment, a separable handle member of a rectangular cross sec-

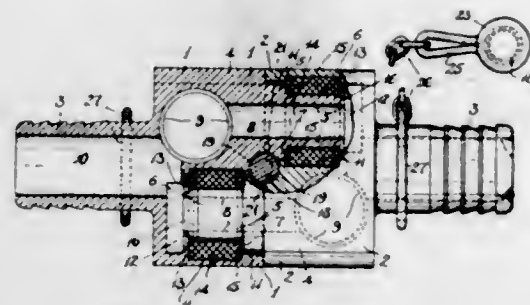
tion with channel shaped upper and lower portions, an arm for operating said ejecting plate, having its free end projecting into said handle, resilient means for holding said arm in a set position and a cap for closing the end of said handle and locking the separable parts together.

1,642,727. RIGID AIRSHIP. OTTO GEISLER, Chicago, Ill. Filed July 26, 1926. Serial No. 125,043. 6 Claims. (Cl. 244-1.)



1. The combination with an airship of the lighter than air type, having a keel, of a water scoop hinged to the keel at one end, a power device carried by the keel, and flexible connection from said power device to the front end of said water scoop for raising the latter to a position to retain the water.

1,642,728. PIPE-COUPLING MEANS FOR MAKING STEAM AND OTHER FLUID-TIGHT JOINTS. LAUCHLAN MCKINNON GLEN, Johannesburg, Transvaal, South Africa, assignor of one-half to Charles Robert MacGillivray, Johannesburg, South Africa. Filed Aug. 1, 1925. Serial No. 47,589, and in the Union of South Africa Sept. 23, 1924. 1 Claim. (Cl. 285-57.)

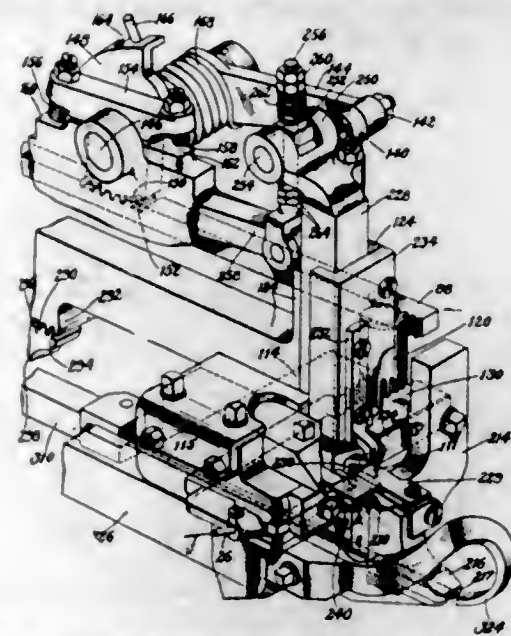


A pipe coupling means including two similar parts having a main passage therein, each part being constructed on the one side with a nipple and on the other side having a hole in which is formed an annular recess, said nipple and hole being in communication with the main passage in the coupling and the nipple being reduced to form a shoulder, a resilient packing ring placed in said recess and projecting into the hole, into which packing the nipple of the other part of the coupling projects, so that the fluid pressure acts directly on the projecting portion of the resilient packing to press it against the shoulder on the nipple and the adjacent end of the recess to make the fluid-tight joint, and means for retaining the parts in the coupled position, as set forth.

1,642,729. FASTENING-INSERTING MACHINE. GEORGE GODDE, Winchester, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Apr. 19, 1924. Serial No. 707,767. 30 Claims. (Cl. 1-20.)

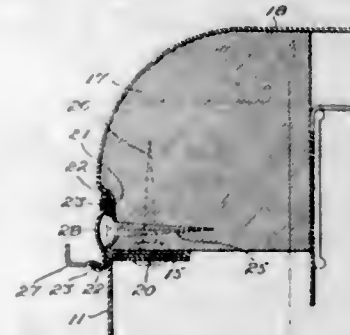
1. In a machine of the character described, means for forming a fastening, a guideway for wire stock fed to the fastening forming means, an abutment located in the path of the wire to operate as a stop when the end of the wire contacts therewith, means for cutting off a length of

wire to be operated upon by the fastening forming means, and means controlled by the thickness of the stock into which the fastening is to be driven for adjusting the cut-



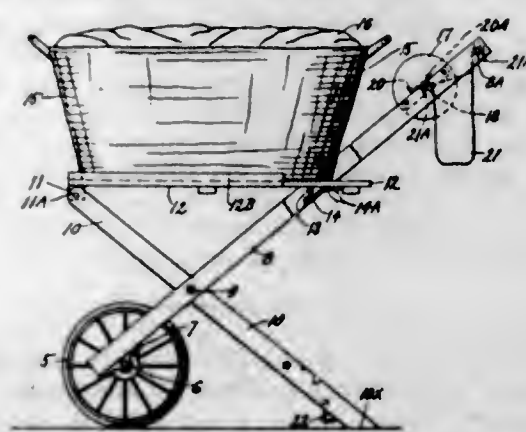
ting means and the abutment toward and from each other to determine the length of fastening in accordance with the thickness of said stock.

1,642,730. AUTOMOBILE BODY. OTTO J. GROEHN, Grosse Pointe Park, Mich., assignor to Hudson Motor Car Company, Detroit, Mich., a Corporation of Michigan. Filed Aug. 15, 1925. Serial No. 50,405. 7 Claims. (Cl. 296-29.)



1. In an automobile body, the combination with a substantially horizontal strip secured to the body adjacent the top thereof, said strip having an outwardly disposed channel portion the outer ends of the flanges of which are turned toward one another, of a drip gutter having a substantially vertical web received in said channel and secured in place by the turned ends of the flanges of the latter.

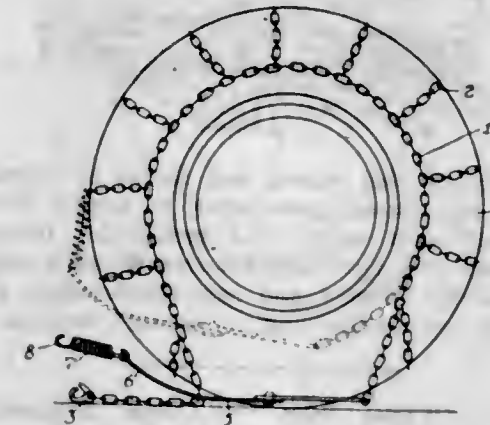
1,642,731. CLOTHES-BASKET CART. EDWARD A. HAGER, St. Paul, Minn. Filed Mar. 13, 1925. Serial No. 15,243. 1 Claim. (Cl. 280-36.)



In a clothes basket cart having a tray-like platform, a long forwardly and downwardly directed U-frame, a short U-shaped frame, both said U-frames mounted on

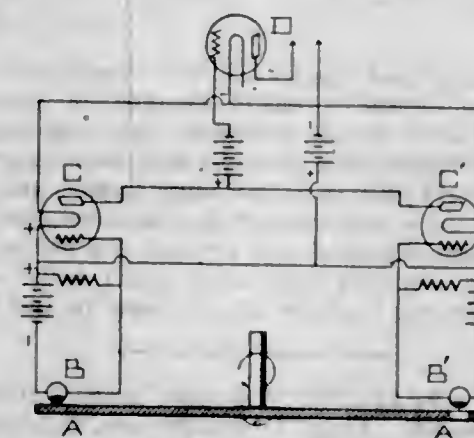
a common pivot and adapted to support the tray in elevated horizontal position, one end of said long U-shaped frame extending above the level of the tray, wheels mounted on the lower end of said long frame, a clothes-line reel arranged transversely and near one side of the upper end of said long U-frame, and a clothes-pin holder removably mounted in accessible position adjacent said reel.

1,642,732. INSTRUMENT FOR APPLYING TIRE CHAINS. HARRIS B. HOLT, Dormont, Pa. Filed Feb. 4, 1927. Serial No. 165,840. 3 Claims. (Cl. 152-14.)



3. An instrument for securing a chain structure to a tire consisting of a fork with oppositely extending prongs and handle, adapted to bear at the crotch pivotally upon the tread of a tire, the forks at the ends of its prongs being adapted to engage the side chains of the chain structure and the handle at its end being adapted to engage a cross-chain of the chain structure.

1,642,733. TWIN-LIGHT-CELL TRANSMITTER. CHARLES FRANCIS JENKINS, Washington, D. C. Filed Mar. 21, 1925. Serial No. 17,210. 3 Claims. (Cl. 178-6.)

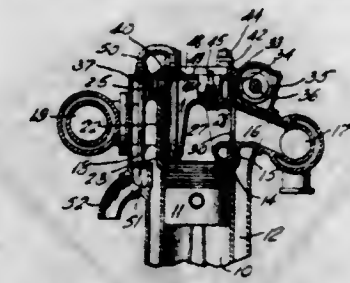


1. In combination, a plurality of light-sensitive cells, means associated with each cell to produce current variations in accordance with variations in light falling on the cell, each of said means being connected in the input circuit of a three-electrode repeater, the output circuits of said repeaters being connected to the input circuit of a common amplifier, and means to energize said cells successively.

1,642,734. INTERNAL-COMBUSTION ENGINE WITH ROTARY VALVE. ELWOOD T. LARKIN, Buffalo, N. Y., assignor to Charles A. Criegel, Buffalo, N. Y. Filed Feb. 17, 1926. Serial No. 88,818. 8 Claims. (Cl. 123-80.)

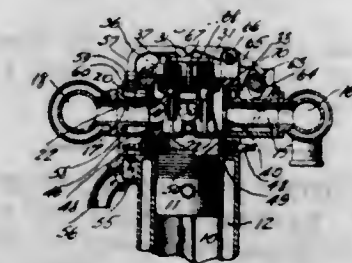
1. An internal combustion engine including a cylinder member having a cylinder and a cylinder head chamber arranged in alignment with the cylinder and of greater diameter to form a shoulder at the juncture of said

cylinder and chamber, a cylinder head removably secured in said chamber and having an outwardly extending flange adapted to seat on said shoulder to form a



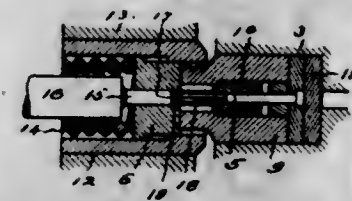
tight joint therewith, and a rotary sleeve valve rotatably arranged about said head and bearing at its lower end on said outwardly extending flange.

1,642,735. INTERNAL-COMBUSTION ENGINE. ELWOOD T. LARKIN, Buffalo, N. Y., assignor to Charles A. Criegel, Buffalo, N. Y. Filed Feb. 17, 1926. Serial No. 88,819. Renewed Aug. 6, 1927. 13 Claims. (Cl. 123-173.)



1. A multi-cylinder internal combustion engine having a cylinder member provided with a plurality of cylinders and having a cylindrical head chamber arranged above each cylinder, a cylinder head arranged in each of said head chambers and clamping means for securing said cylinder heads in said head chambers, including clamping bars engaging two adjacent cylinder heads, and means connected with the cylinder member for pressing said clamping bars against said cylinder heads.

1,642,736. METHOD OF FORMING SET SCREWS. CHARLES E. LYMAN, Waterbury, Conn. Filed May 8, 1926. Serial No. 107,545. 4 Claims. (Cl. 10-10.)



1. The method of forming socketed set screws which consists in inserting a cold metal slug entirely within a die cavity, and while holding the slug stationary driving a punch into the mouth of the die a limited predetermined distance and thereafter moving said die with the punch for causing metal of the slug to progressively extrude from the die cavity and elongate in a direction opposite to the movement of the punch and die, and subsequently threading the exterior of the blank thus produced.

1,642,737. SHOE. FREDERICK H. MARTIN, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a Corporation of New York. Filed Feb. 27, 1923. Serial No. 621,545. 12 Claims. (Cl. 36-50.)

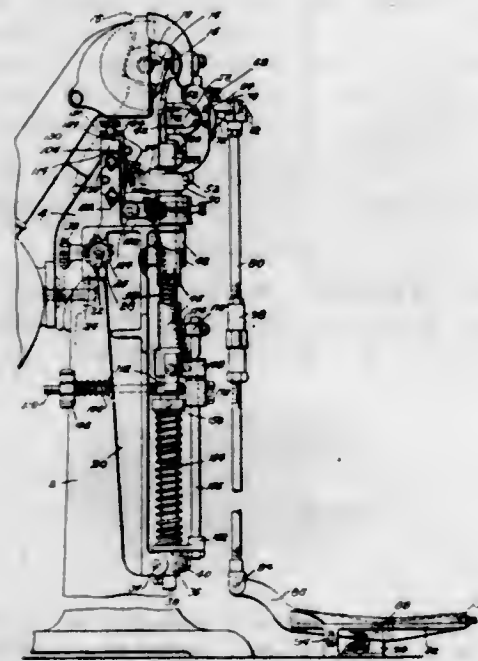
12. An overshoe of highly flexible, appreciably elastic and substantially waterproof construction and having its upper formed with an expansion opening, a bellows tongue underlying the opening and attached to the upper, and means for effecting a continuous, flat, edge-to-edge union of the margins of the upper at the expansion

opening, the said means comprising a row of interlocking elements secured at each margin of the opening to the



upper and a cam slide engaging the elements of both rows and movable longitudinally thereon to lock and to unlock said elements.

1,642,738. MACHINE FOR OPERATING ON HEELS. ALGERNON W. MATTHEWS, Haverhill, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Oct. 17, 1925. Serial No. 63,148. 19 Claims. (Cl. 12-47.)

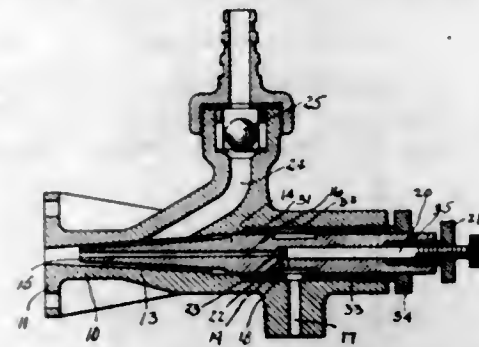


1. In a machine of the class described, the combination of a cutter, a shoe carrier, means for moving the cutter and shoe carrier relatively to cause the cutter to treat the heel, and a stationary gage against which the shoe is positioned prior to said relative movement to determine the position of the shoe relatively to the carrier.

1,642,739. CARBONATOR. HARRY J. MCCUE, Cleveland, Ohio, assignor to The H. J. McCue Company, Cleveland, Ohio, a Corporation of Ohio. Filed Oct. 30, 1922. Serial No. 597,824. 1 Claim. (Cl. 162-1.)

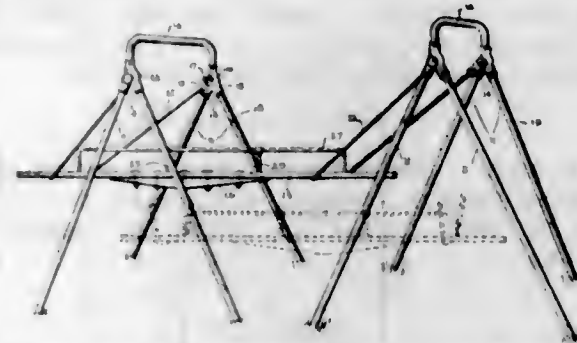
A carbonating device comprising a tubular casing having a lateral passageway for liquid, a nozzle member having an axial bore, a valve for closing the same, and a lateral passageway adjacent the valve seat, said nozzle member fitting within said casing and being of reduced size forwardly to provide an annular passageway about its forward end to admit said liquid about said liquid

about said nozzle, a sleeve, a pair of packing rings slidably engaged over the rearward end of said nozzle member, a reduced section formed centrally around said nozzle member beneath said sleeve providing an annular passageway with which said lateral passageway in the nozzle member communicates, and a lateral opening



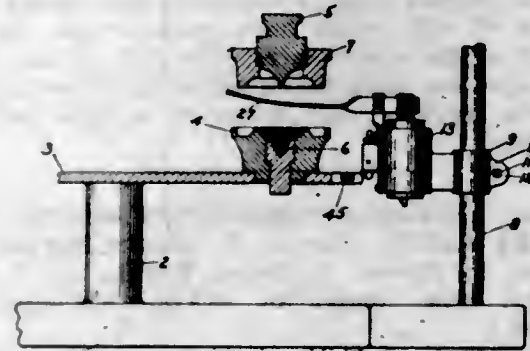
formed through said casing and sleeve to communicate with said last named passageway to permit the gas to flow through said nozzle and means for forcing said packing rings into fluid-tight relation between said casing and said nozzle member and said intermediate sleeve to permit easy assemblage and to prevent leakage.

1,642,740. SWING BOB. WILLIAM MITCHELL, Milwaukee, Wis., assignor to Mitchell Manufacturing Company, Milwaukee, Wis., a Corporation of Wisconsin. Filed Mar. 15, 1926. Serial No. 94,814. 1 Claim. (Cl. 155-58.)



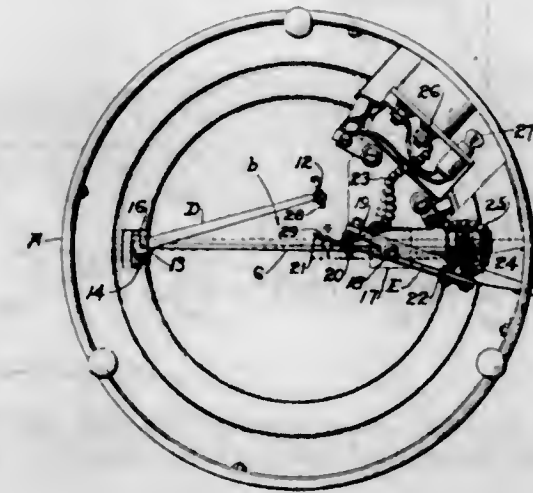
In a playground apparatus, the combination with a plurality of socket members adapted to receive supporting elements, of pins projecting from said socket members, an oscillating link pivotally and removably mounted on each of said pins, each link being formed with a transverse bore and a communicating groove, suspension arms for said links engaging said grooves, and having angular end portions entering said bores, and U-bolts removably clamping the end portions of said arms to said links.

1,642,741. APPARATUS FOR THE MANUFACTURE OF GLASSWARE. DAVID L. MIDDENDORF, Columbus, Ohio, assignor to The Federal Glass Company, Columbus, Ohio, a Corporation of Ohio. Filed Oct. 3, 1922. Serial No. 592,122. 7 Claims. (Cl. 49-37.)



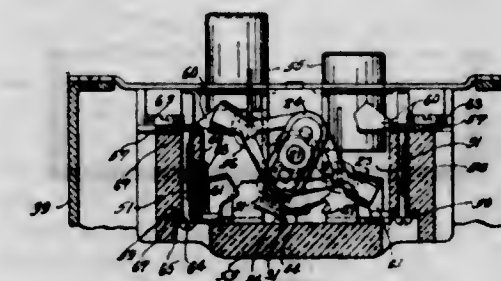
3. In combination with glass receiving and forming apparatus, paddle means for applying a settling force to the charge in between receiving and forming.

1,642,742. THERMOSTAT SWITCH. OREN G. MYERS, San Mateo, Calif. Filed Oct. 1, 1924. Serial No. 740,945. 6 Claims. (Cl. 200-139.)



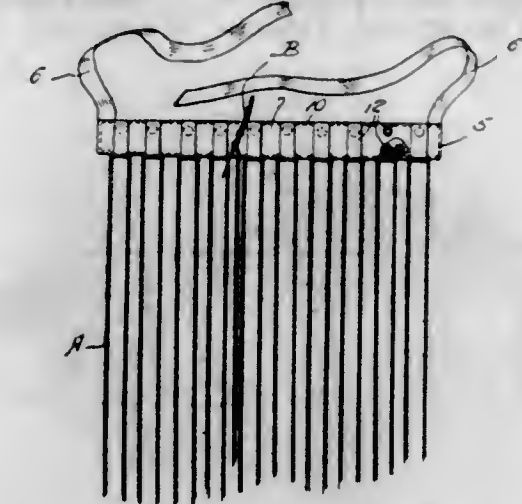
1. A device of the character described comprising a cylindrical-shaped container constructed of an expansible metal, a pair of lugs secured to the container at points diametrically opposite each other, a lever pivotally mounted on one of said lugs, a rod of invar metal secured at one end to the opposite lug and at the other end to the pivotally mounted lever at a point adjacent the pivot so as to transmit a rocking movement to the lever during expanding action of the cylindrical container, a second pivotally mounted lever, a switch carried thereby and adapted to control an electric circuit, and a projecting arm on the switch in the path of movement of the first-named lever, said projection adapted to open and close the switch when engaged and released by the first-named lever.

1,642,743. FLUSH SWITCH. WILLIAM J. NEWTON, Bridgeport, Conn., assignor to Harvey Hubbell, Incorporated, Bridgeport, Conn., a Corporation of Connecticut. Filed Apr. 28, 1924. Serial No. 709,437. 8 Claims. (Cl. 200-15.)



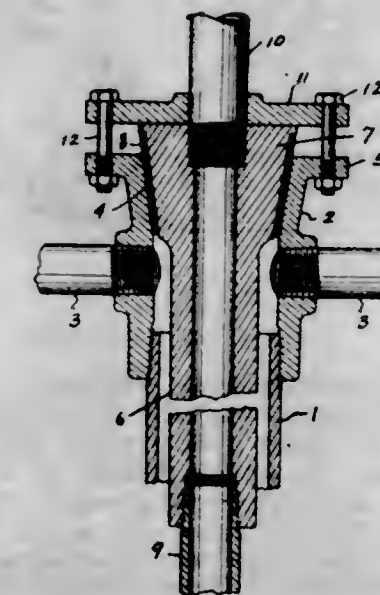
1. In a switch, an insulating body member, a pivoted switch element, said body member being provided with spaced shoulders adapted to carry contacts to be engaged by said element, and a securing element extending between said shoulders, said securing element being adapted to secure a contact on either shoulder or both and to provide an electrical connection between them.

1,642,744. EMBROIDERY-THREAD HOLDER. JULIA NIGRO, Kansas City, Mo. Filed Apr. 19, 1926. Serial No. 103,013. 2 Claims. (Cl. 224-5.)



1. An embroidery holder of the class described, a predetermined length strip of fabric, a plurality of thread supporting fabric tabs secured in spaced relation at one end to a longitudinal edge of the strip, and detachable connections between the opposite ends of the tabs and the opposite longitudinal edge of the strip.

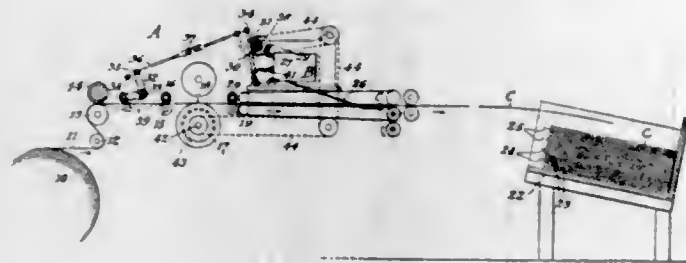
1,642,745. CASING HEAD. LOUIS M. PEARCE and JAMES O. MCPHERSON, Houston, Tex. Filed Dec. 18, 1924. Serial No. 756,837. 4 Claims. (Cl. 166-14.)



1. A casing head including a bowl adapted to be secured to the upper end of a well casing and having an upwardly flared seat, a tubular member therein having a flared head formed with a surrounding soft metal sleeve and adapted to rest on said seat, said head having a greater transverse diameter than the diameter of the

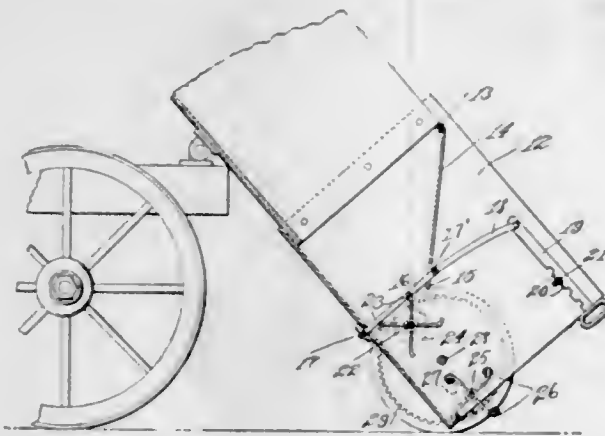
casing, the lower end of said member extending down through and being spaced from the bowl said extended end forming an anchor to which a string of pipe may be attached, and having relatively thick walls.

1,642,746. ATTACHMENT FOR SHEETING MACHINES. JOSEPH P. RENZ, Brooklyn, N. Y. Filed Aug. 13, 1923. Serial No. 657,030. 4 Claims. (Cl. 93—93.)



1. Means for cutting series of sheets from a traveling web, means for periodically forming a slack in said web, said slack being fed forward to a cutter to make longer sheets which are delivered on a pile for the purpose of marking counted bunches of sheets, and means for feeding the sheets.

1,642,747. ASPHALT SPREADER. HORACE G. RICHARDSON, San Antonio, Tex. Filed Sept. 18, 1925, Serial No. 57,187. Renewed Mar. 28, 1927. 3 Claims. (Cl. 94—44.)

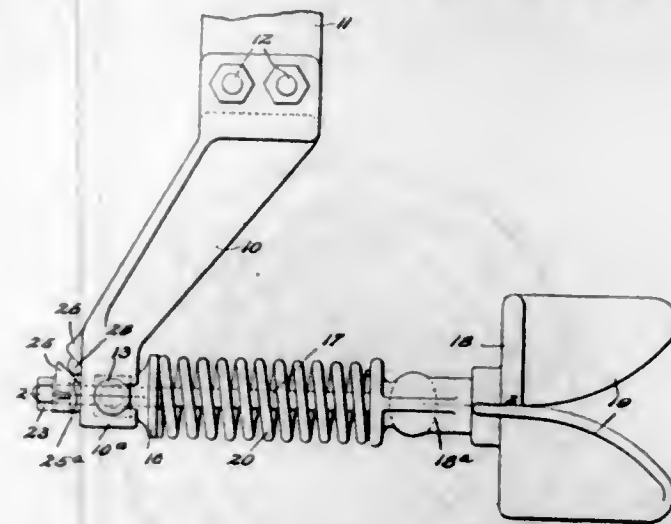


1. An asphalt spreading device comprising a receptacle for containing asphalt, a vertically slotted plate against which the load of asphalt rests, a rotary raker mounted in position to rake the asphalt through the slots of the plate, means for discharging and spreading, onto a street surface, the material thus raked, and means for moving the slotted plate toward and away from the raker, whereby to permit the latter to move through the slots to greater or lesser degrees and thereby regulate the amount of asphalt fed to the discharging and spreading means.

1,642,748. AUTOMATIC TRAIN-LINE CONNECTER. JOSEPH ROBINSON, Morristown, N. J. Filed Oct. 12, 1921. Serial No. 507,169. 18 Claims. (Cl. 285—58.)

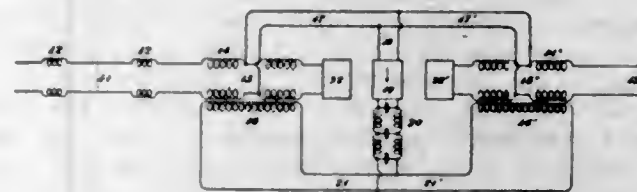
1. In an automatic train pipe connector, a bracket, a member pivotally mounted thereon, a coupling head connected to said member, a coiled spring mounted on said bracket and arranged to exert pressure against a part of

said member whereby the same is normally held in a substantially horizontal position when said head is free, said



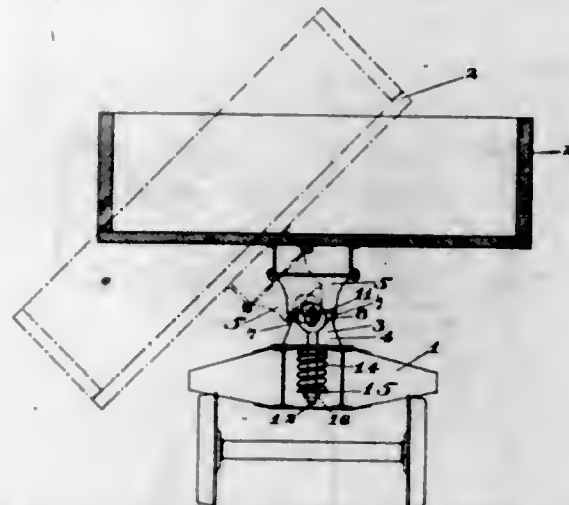
part being movable out of position to receive the pressure of said spring when said head is coupled to a mating head.

1,642,749. TELEPHONE REPEATER SYSTEM. ARTHUR F. ROSE, West Brighton, N. Y., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Mar. 24, 1921. Serial No. 455,296. 6 Claims. (Cl. 179—170.)



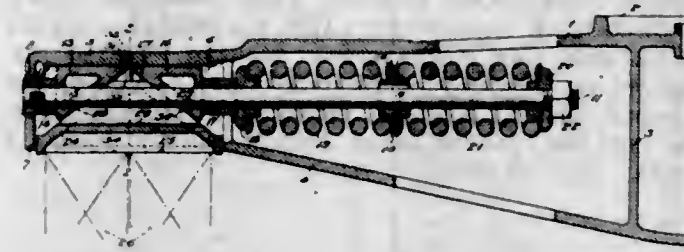
1. In combination, two transmission lines, each balanced by a respective network, with a respective hybrid coil between each said line and its network, a single repeater element and input connections thereto from both said coils and output connections therefrom to both said coils.

1,642,750. DUMP CAR. ALFRED C. SCHMOHL, Beaver Falls, Pa., assignor to Koppel Industrial Car and Equipment Company, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed July 1, 1926. Serial No. 119,853. 10 Claims. (Cl. 105—270.)



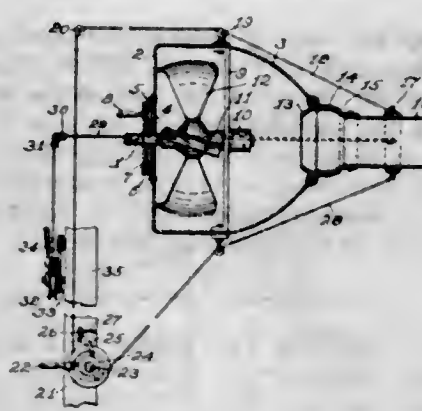
1. In a dump car, an underframe, a tilting body mounted on said underframe and resilient means at the longitudinal center line of the car and between said body and underframe adapted to retard the momentum of said body as it is being tilted.

1,642,751. TRUCK BOLSTER WITH ABSORPTION MECHANISM. THOMAS H. SYMINGTON and PERCY R. DRENNING, Baltimore, Md., assignors, by mesne assignments, to T. H. Symington and Son, Inc., Baltimore, Md., a Corporation of Maryland. Filed Oct. 7, 1926. Serial No. 140,181. 18 Claims. (Cl. 105—197.)



1. In a railway truck bolster, a vertically movable member within each end thereof adapted to seat upon the truck springs and having a vertically movable wedge portion thereon, other wedge members coacting with said wedge member and movable thereby, and spring means opposing movement of said second named wedge members.

1,642,752. PROPELLING DEVICE FOR AEROPLANES. ELVIE LONDON, Waterloo, Iowa. Filed July 15, 1926. Serial No. 122,689. 1 Claim. (Cl. 115—11.)

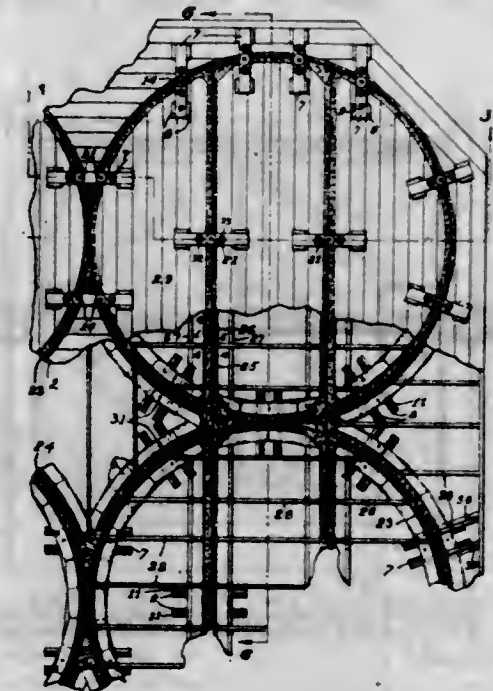


In a device of the character described, a cylindrical hollow casing having a closed rear head with a central delivery port containing spaced segmental closure plates, rotatable segmental damper plates mounted on the casing to variably close the interspaces of the first-mentioned closure plates, the forward part of the casing being gradually diminished and terminating forwardly in a hollow spherically segmental joint member, a tube projecting forwardly from and having a rear spherically segmental joint member mounted in the first-mentioned joint member, pawl-controlled ratchet-wheel carrying winding-drums, flexible connections between said winding-drums and parts of the said tube spaced circumferentially ninety degrees apart, and an air-propeller device rotatably mounted in said casing centrally.

1,642,753. FORMING CONCRETE STRUCTURES. CHARLES ELMER ROOF, Richmond Heights, and LEO M. DIECKMEYER and CONSTANTINE B. BARUTIO, St. Louis, Mo., assignors to Stevens Engineering and Construction Company, St. Louis, Mo., a Corporation of Missouri. Filed May 4, 1926. Serial No. 106,659. 6 Claims. (Cl. 25—131.)

1. The herein-described method of constructing a monolithic concrete wall comprising laterally adjoining sections of different heights, the top of the lower section

declining with its recession from the taller section; which consists in pouring the same in superposed layers in a wall form having a level open top, the declining top being formed by pouring the layers terminating therein with their ends in progressively retracted relation to one another, the portions of the said layers adjacent the said ends being comparatively viscous when being poured so as to remain substantially within the said ends, and the

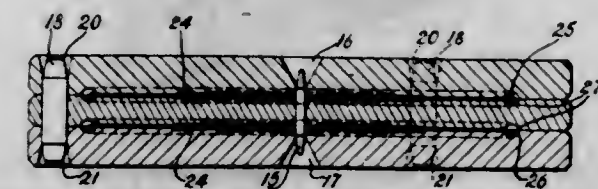


portions of the said layers remote from the said ends being formed of concrete which is comparatively mobile when poured; and in subsequently raising the form after completion of the declining top, and blocking off the form to define the end of the taller section from the space over the declining top, and thereafter filling the taller section space of the form with superposed layers of concrete.

1,642,754. STONEWARE OF HIGH RESISTANCE AGAINST THE PERFORATING POWER OF ELECTRICAL SPARKS AND MAKING THE STONEWARE. FELIX SINGER, Berlin-Charlottenburg, Germany. Filed Dec. 18, 1926. Serial No. 155,761, and in Germany Nov. 13, 1925. 3 Claims. (Cl. 25—157.)

3. The process of preparing ceramic insulators consisting in adding titanium compounds to the ceramic mix and burning the same with an oxidizing flame and with a reducing flame to form both crystalline and amorphous titanium compounds.

1,642,755. FORMING APPARATUS. HENRY L. WARD, Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Sept. 10, 1923. Serial No. 661,789. 12 Claims. (Cl. 18—35.)

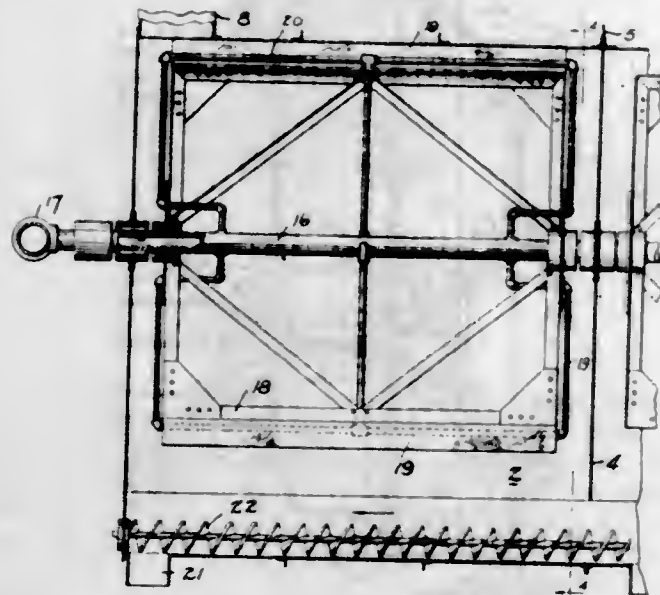


1. In an apparatus for forming material into an article, a central disk, a plurality of pins tapered at either end mounted in the disk so as to project from both sides of the disk, and planiform members adapted to cooperate with the disk in forming material having apertures to be engaged by the pins to hold the members in position.

2. In an apparatus for forming material into an article, a member having an indentation for shaping the

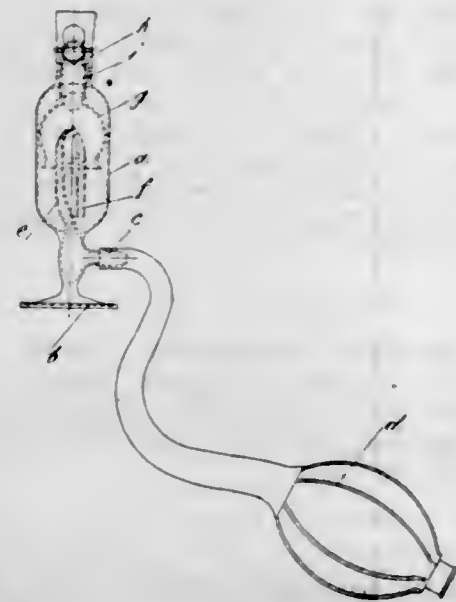
material, said member formed of metal having a relatively high elastic limit, and a thin copper face integrally united with the member for contacting with the material to be formed.

1,642,756. SUBLIMING APPARATUS. EDWIN H. WEDEKIND, San Francisco, Calif.; H. C. Haas administrator of said Edwin H. Wedekind, deceased. Filed June 6, 1921. Serial No. 475,431. 8 Claims. (Cl. 23-264.)



1. A subliming apparatus, comprising a chamber, means for injecting into said chamber jets of air under pressure, and means for scraping the wall of said chamber to free the sublimed product therefrom.

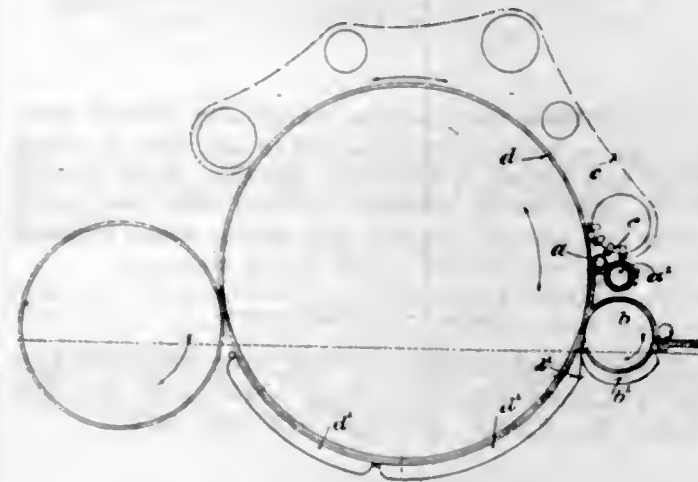
1,642,757. ATOMIZER. VITTORIO EMILIO WIECHMANN, Florence, Italy. Filed Mar. 23, 1923. Serial No. 627,092, and in Italy Mar. 29, 1922. 1 Claim. (Cl. 299-88.5.)



An atomizer for vaporizing liquid comprising a container for said liquid having an elongated opening in its top, a bell shaped member vertically suspended within the container having its lower end positioned above the normal liquid level in said container and having in its top an opening forming a continuation of said elongated opening, a stopper for closing said elongated opening, atomizing means communicating with said liquid for discharging atomized liquid into said member, a laterally disposed discharge tube communicating with the con-

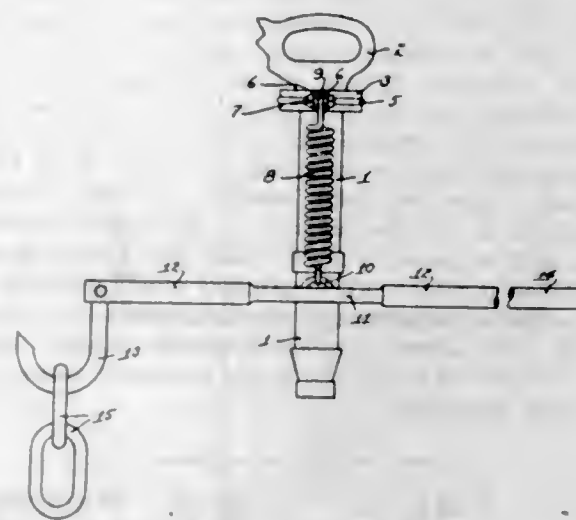
tainer at the upper portion thereof and adapted, when said elongated opening is closed, to discharge the vapor escaping thru the bottom of said member, said elongated opening forming the inlet for admitting liquid into the container and an outlet for the ejection of a coarse vapor therefrom when said stopper is removed.

1,642,758. CARDING ENGINE FOR CARDING ARTIFICIAL SILK AND SUCH LIKE MATERIAL. HENRY WILKINSON and JAMES REED, Oldham, England, assignors of one-third to Platt Brothers and Company Limited, Oldham, England. Filed Nov. 10, 1926, Serial No. 147,430, and in Great Britain Jan. 5, 1926. 1 Claim. (Cl. 19-107.)



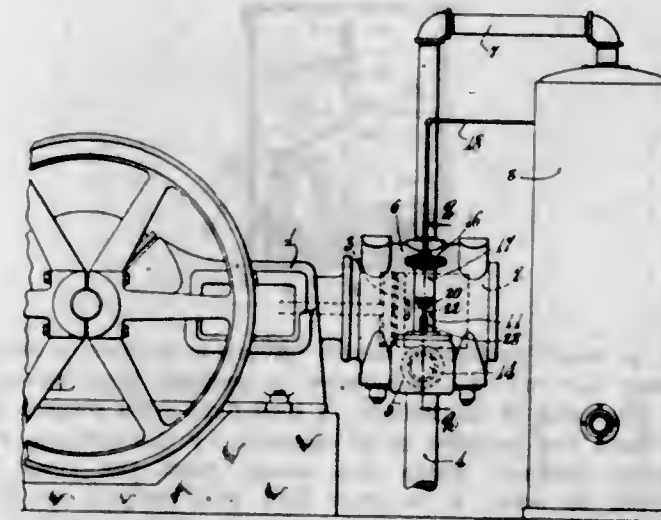
In revolving flat carding engines for carding artificial silk, the combination with a main cylinder and rotating flats, of means for stripping the flats at the take-in end and returning the stripped material at once and directly to the main cylinder, said means comprising a rotating covered roller intermediate of and contacting with the flats and the main cylinder, and a rotating clothed stripper between said roller and the flats.

1,642,759. SHOCK ABSORBER FOR PNEUMATIC HAMMERS. AUSTIN D. WILLIAMS and FRANK J. HICKEY, Sacramento, Calif. Filed May 8, 1926. Serial No. 107,565. 2 Claims. (Cl. 78-50.)



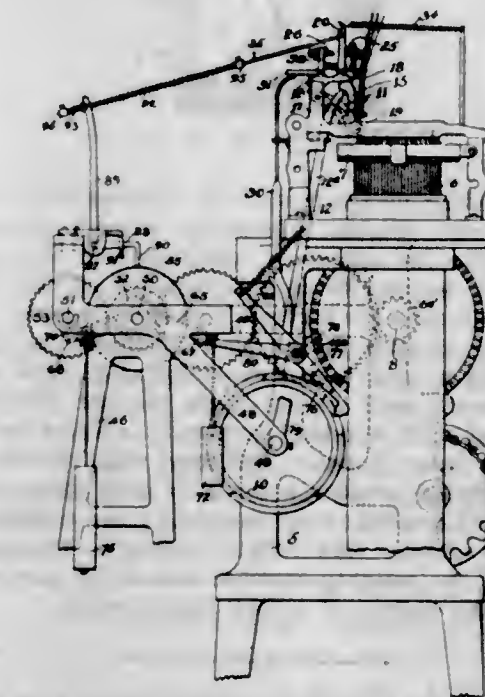
1. A shock absorber for pneumatic hammers and the like comprising a substantially rigid bar formed at one end with a handle, and intermediate its ends formed with a yoke adapted to freely surround the hammer barrel with substantial clearance; a universal fulcrum anchor connection at the other end of said bar; and springs connecting said yoke with said barrel.

1,642,760. COMPRESSOR-UNLOADING MECHANISM. WADSWORTH H. WINEMAN, Chicago, Ill., assignor to Sullivan Machinery Company, a Corporation of Massachusetts. Filed Jan. 14, 1921. Serial No. 437,235. 17 Claims. (Cl. 230-24.)



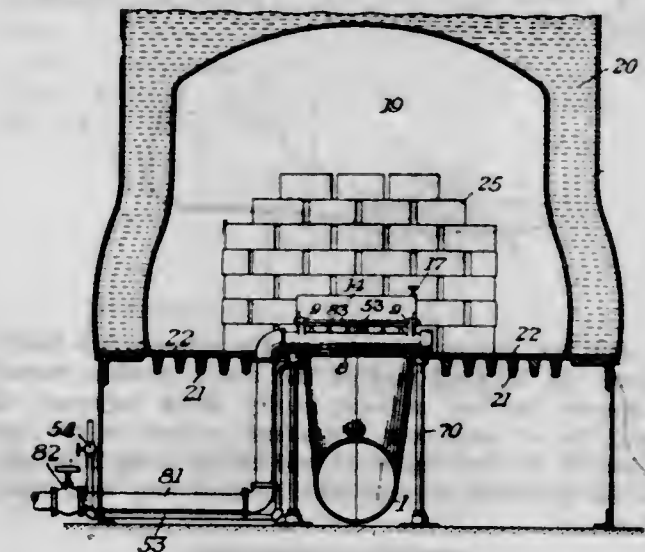
1. A compressor unloading mechanism comprising, in combination, a valve controlling the intake of a compressor, and means operated by fluid pressure to move said valve to open position, including a member having a surface exposed constantly to a pressure which varies solely as a result of changes in position of said valve.

1,642,761. PATTERN-PLATING ATTACHMENT FOR CIRCULAR-KNITTING MACHINES. EDWARD B. AMMON, Reading, Pa. Filed Oct. 30, 1924. Serial No. 740,760. 2 Claims. (Cl. 66-137.)



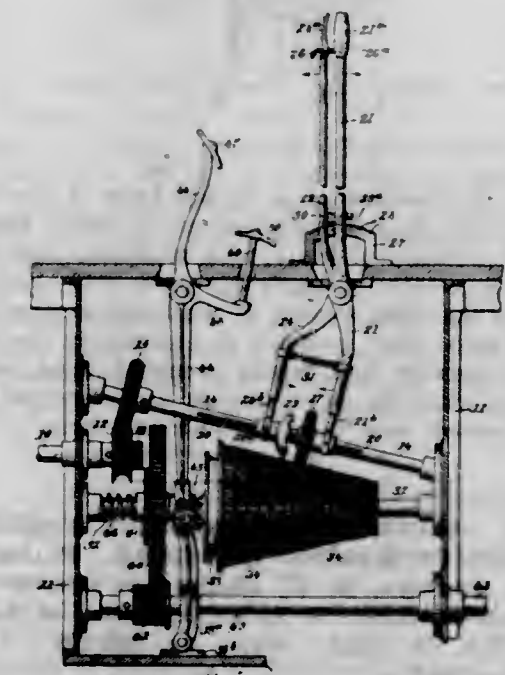
2. In combination with a circular knitting machine having a circular series of needles, knitting cams therefor, and a plurality of pattern-controlled yarn guides; a plating yarn guide, a pivotal mounting therefor adapted to swing said guide radially across the needle circle, pattern mechanism adapted to control the feeding and non-feeding positions of said guide, a separate jacquard pattern drum mechanism adapted to impart pattern plating swings to said guide when the latter is in yarn-feeding position, a fixed stop, and a cooperating stop movable into and out of the path of said guide to limit said pattern-plating swings.

1,642,762. BURNER FOR HEATING APPARATUS. JAMES B. ANDERSON and JAMES B. GARNER, Pittsburgh, Pa., assignors to Peoples Natural Gas Company, Pittsburgh, Pa., a Corporation of West Virginia. Filed Nov. 16, 1926. Serial No. 148,686. 9 Claims. (Cl. 158-91.)



1. In a burner structure the combination of an air conduit opening to a combustion chamber, the said conduit being constricted in its approach to the combustion chamber, means for introducing liquid fuel to said conduit in the region of constriction and from above, and means for jetting another gaseous substance into a stream of air flowing in said conduit in the region of constriction and in the direction of flow.

1,642,763. TRANSMISSION MECHANISM. ROBERT BEYER, Meran, Italy. Filed Feb. 1, 1921. Serial No. 441,531. 6 Claims. (Cl. 74-58.)



1. An apparatus of the character described comprising a main driving shaft, a shaft actuated thereby, a jack-shaft, a series of speed gears and a gear on said jack-shaft, a gear loosely mounted upon said second-named shaft and adapted for engagement with said speed gears, a clutch on said second-named shaft adapted to lock said loose gear thereto, means for shifting said loose gear longitudinally of its shaft to engage with any of said

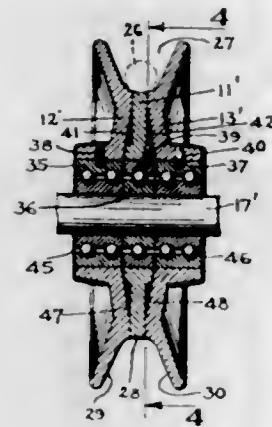
speed gears, a brake to control the operation of said speed gears, a lever for operating said brake and for shifting said first named gear into operative engagement with the main driving shaft, substantially as specified.

1,642,764. SHOE LAST. CHARLES H. BROWN, Flushing, N. Y. Filed Apr. 11, 1925. Serial No. 22,252. 1 Claim. (Cl. 12-133.)



A shoe last having a cavity on the sole portion thereof adjacent the forward end of the shank portion thereof, the deepest portion of said cavity being adjacent the parting line of said sole and shank portion of the last, the lines of the rear walls of said cavity being coincident with the juncture of said sole portion and said shank portion.

1,642,765. TROLLEY WHEEL. FRANCIS MORTON CLARK, Bridgeport, Conn., assignor to Bridgeport Brass Company, Bridgeport, Conn. Filed Dec. 20, 1922. Serial No. 698,003. 11 Claims. (Cl. 191-61.)

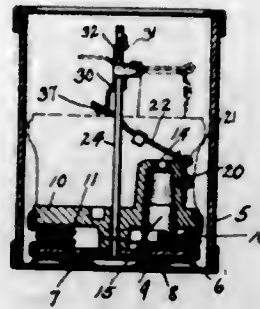


1. The combination of a trolley harp, a nonrotatable shaft mounted in the arms thereof, a trolley wheel comprising a plurality of juxtaposed members, said members mounted to rotate independently upon said shaft, means secured to the outer surface of the inner member contacting with said outer members to electrically connect said members together and means mounted upon said harp contacting with the outer pair of said members to electrically connect said members with said harp.

1,642,766. WATERPROOF ABRASIVE FABRIC AND METHOD OF MAKING THE SAME. FRANK JOSEPH CRUPI, Brooklyn, N. Y., assignor to Herman Behr & Co., Inc., Brooklyn, N. Y., a Corporation of New York. Filed Feb. 19, 1924. Serial No. 693,903. 2 Claims. (Cl. 51-280.)

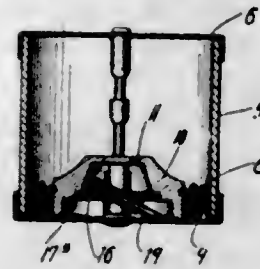
1. As a new article of manufacture, a sand paper product comprising a fabric base and abrasive material adhesively associated with one surface of said base by waterproof coating material, the other surface of said base being covered with a cellulosic coating material containing a filler and also an emollient to maintain flexibility in the filler and the associated cellulosic material, said coating constituting a protective film to prevent frictional displacement of the fibres constituting the fabric base in the use of the article.

1,642,767. SOUND-REPRODUCING DEVICE. MATTEO DE CESARE, Newark, N. J., assignor, by mesne assignments, to Volces Incorporated, a Corporation of Delaware. Filed Mar. 21, 1923. Serial No. 626,617. 8 Claims. (Cl. 46-46.)



6. A sound producing device having a bellows, a head closing one end of the bellows, a weighty head closing the other end of the bellows, a reed fixed with respect to one head and adapted to be operated by the bellows, an opening through which the sound from the reed is adapted to issue, a member fixed with respect to the other head and extending through the bellows and the first head, a valve supported independently of the said member and acting to control said opening, and means whereby said member controls the operation of said valve during the operation of the bellows.

1,642,768. VOICE-REPRODUCING DEVICE. MATTEO DE CESARE, Newark, N. J., assignor, by mesne assignments, to Volces Incorporated, a Corporation of Delaware. Filed June 26, 1923. Serial No. 647,916. 2 Claims. (Cl. 46-46.)

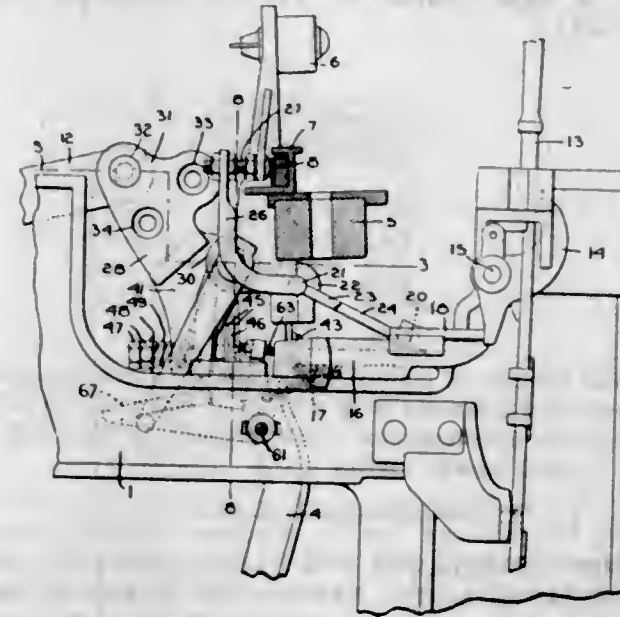


1. A sounding device having in combination a casing, an air chamber therein, a weighty member movable by gravity within the casing to compress said air chamber, said weighty member being hollowed out on the side adjacent the air chamber to form a sound chamber, a plate substantially closing said sound chamber to said air chamber and a reed pipe carried by said plate and extending therethrough at an angle to the direction of movement of said weighty member, a spindle extending through the sound chamber and fixed with respect to the casing a tubular member secured to said plate and surrounding said spindle to aid in guiding the weighty member on the spindle, said tubular member extending into one wall of the weighty member and being apertured to permit of the escape of sound therethrough.

1,642,769. LAY-ACTUATING MECHANISM FOR LOOMS. HARRY A. DAVIS, Hopedale, Mass., assignor to Draper Corporation, Hopedale, Mass., a Corporation of Maine. Filed Feb. 26, 1926. Serial No. 90,775. 16 Claims. (Cl. 139-190.)

1. A loom comprising a lay, a crank shaft, pitmen journaled on the cranks of the crank shaft and each provided with a pivot pin bearing, lever stands pivoted on the lay and each provided with a plurality of pivot pin holes, a spring between each lever stand and the lay yieldable only upon the occurrence of an abnormal strain to permit relative movement of the lever stand and lay, a pivot pin for each pitman having its section fitting the pitman pivot pin bearing eccentric to its section fitting

the lever stand pivot pin hole, and means for locking each pivot pin in rotary adjusted position whereby the timing and movement of the lay is accurately and widely



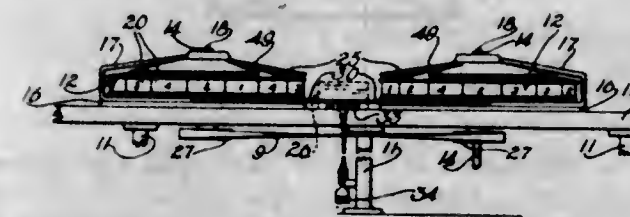
varied by the selection of the lever stand pivot pin hole and by the rotary position of the pivot pin when assembled and adjusted.

1,642,770. GREASE-GUN CARTRIDGE. ROLLIN L. DRAKE, Port Arthur, Tex., assignor, by mesne assignments, to The Texas Company, New York, N. Y., a Corporation of Delaware. Filed July 28, 1924. Serial No. 728,559. 1 Claim. (Cl. 206-56.)



A collapsible cartridge for loading a grease gun having a barrel with a constricted outlet from which the contents may be ejected, comprising a collapsible sack and a rigid ring at the mouth of the sack adapted to enter the barrel of the grease gun, engage the constriction thereof and hold the mouth of the sack open at the constricted end of the grease gun while the contents is being ejected.

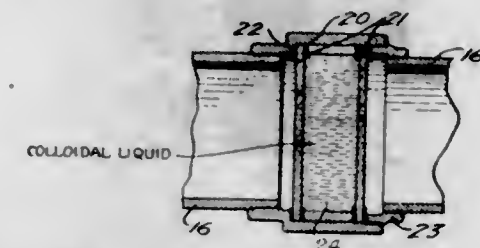
1,642,771. APPARATUS FOR ASSEMBLING PARTS. GREGG M. FULLARTON, Cicero, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Oct. 7, 1924. Serial No. 742,272. 7 Claims. (Cl. 29-84.)



1. In an apparatus for assembling parts, an assembly element, a multiple compartment tray for containing parts, means for causing a relative movement between

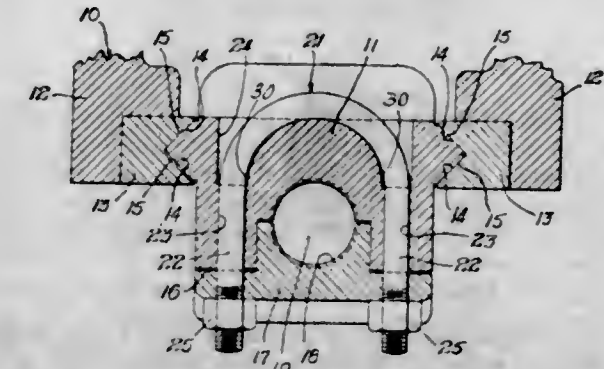
the tray and the assembly element to selectively cause one of the compartments to occupy a predetermined relation to the assembly element, and means to prevent access to another of the compartments.

1,642,772. PROCESS OF AND APPARATUS FOR ELIMINATING GRANULAR EFFECTS IN PHOTOGRAPHIC ENLARGEMENTS. FRANK E. GARBUTT and RALPH G. FEAR, Los Angeles, Calif., assignors to Famous Players-Lasky Corporation, a Corporation of New York. Filed Mar. 10, 1923. Serial No. 624,281. 3 Claims. (Cl. 88-24.)



3. A process of modifying a projected image which comprises: passing said image through a colloidal medium devoid of added coloring matter.

1,642,773. PUNCH PRESS. ERNEST GAUTHIER, Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Dec. 20, 1922. Serial No. 609,646. 4 Claims. (Cl. 164-23.)



1. In a press comprising a framework, guideways carried thereby, a slide reciprocally mounted in said guideways, one side of said slide being formed with a convex surface, a tool holding member attached to the opposite side of the slide, cooperating arcuate surfaces of the slide and tool holding member designed to clamp a tool therebetween, and a clamping member engaging the convex surface of the slide and the tool holding member in such a manner that all of the compressive force of the clamping member against said convex surface of the slide is counter-balanced by a diametrically opposed force occasioned by the holding member bearing against the tool.

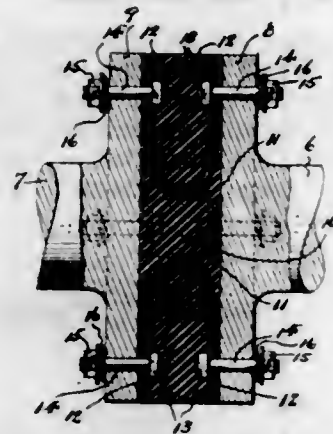
1,642,774. MARKED ARTICLE AND PROCESS OF MARKING ARTICLES. JOHN DOUGLAS GRANGE, Brookfield, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Aug. 31, 1923. Serial No. 660,430. 3 Claims. (Cl. 41-26.)

1. A process of marking articles consisting in stamping iodine in solution upon a dry surface containing starch to produce a predetermined design thereon.

1,642,775. UNIVERSAL JOINT. RALPH L. HENRY, Detroit, Mich., assignor to Albert C. Henry, Inwood, Long Island, N. Y. Filed Dec. 1, 1926. Serial No. 152,014. 6 Claims. (Cl. 64-96.)

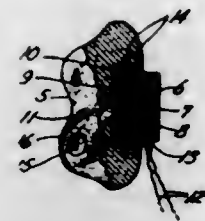
1. In a universal joint for power transmission, the combination with angularly aligned shafts having annular

flanges at their opposed ends, of a resilient body intermediate said flanges, metallic spring means imbedded within said body to extend between the opposite sides



thereof, and mechanical fastening means engaged between the terminal portions of said imbedded spring means and said respective flanges.

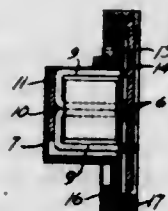
1,642,776. TELEPHONE RECEIVER. WARREN C. JONES, Flushing, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed May 19, 1924. Serial No. 714,476. 7 Claims. (Cl. 179-107.)



1. In a telephone receiver, a casing and a cap therefor comprising a material having a high permeability at low magnetizing forces, and a diaphragm having a high permeability at low magnetizing forces and having a natural frequency of substantially 2000 cycles per second.

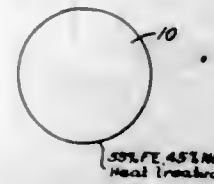
6. In a telephone receiver of small diameter and light weight adapted to be inserted into the ear of the user, a mounting of molded material for supporting said receiver, a casing and a cap therefor, and means disposed upon said cap to hold molded material thereto.

1,642,777. RECEIVER. WARREN C. JONES, Flushing, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Oct. 30, 1924. Serial No. 746,791. 15 Claims. (Cl. 179-114.)



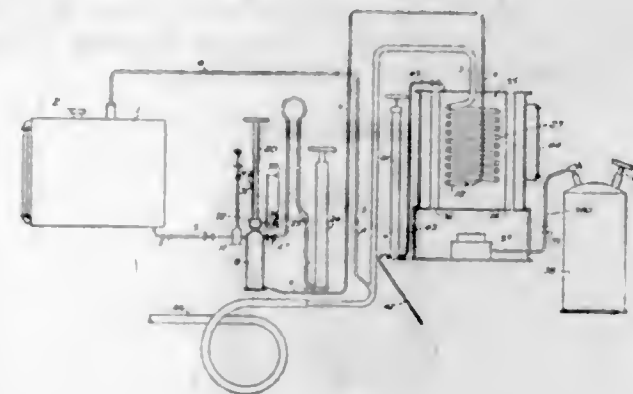
2. In a telephone receiver, an energizing winding, a magnetic circuit therefor including a vibrating diaphragm approaching saturation at low magnetizing forces, and a magnetic shunt for said diaphragm.

1,642,778. RECEIVER. GUSTAF W. ELMEN, Leonia, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Nov. 4, 1924. Serial No. 747,718. 9 Claims. (Cl. 179-181.)



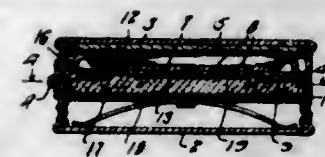
1. The method of making a diaphragm which comprises severing the diaphragm from a sheet of magnetic material, heating said diaphragm to a temperature of the order of 1000° C. and slowly cooling it.

1,642,779. APPARATUS FOR SPRAYING LIQUID HYDROCYANIC ACID. KENNETH A. KILBOURNE, Monrovia, Calif., assignor to American Cyanamid Company, New York, N. Y., a Corporation of Maine. Filed Jan. 25, 1924. Serial No. 688,552. 4 Claims. (Cl. 221-95.)



1. In a fumigating apparatus the combination of a supply tank adapted to contain a liquid fumigant, a measuring chamber adapted to deliver a predetermined amount of liquid, a plurality of tubes in said chamber and concentrically arranged, and air pressure means for forcing said liquid through said tubes into the space to be fumigated.

1,642,780. VANITY CASE. LESSING L. KOLE and EUGENE LOEFFLER, Milwaukee, Wis. Filed Oct. 27, 1925. Serial No. 65,184. 12 Claims. (Cl. 132-83.)



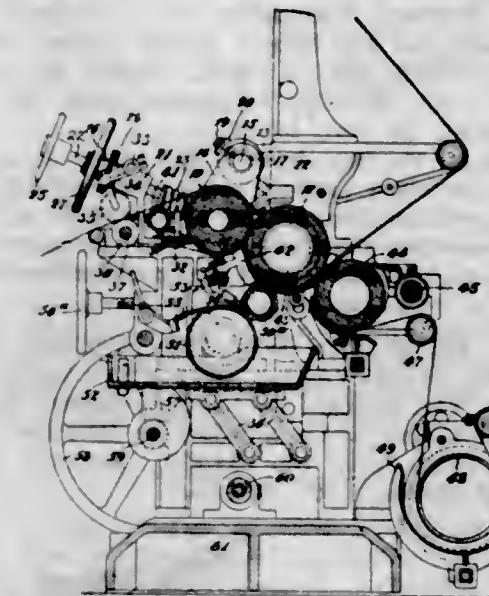
1. The combination of a vanity case having a perforated top, a perforated plate slidably mounted beneath the top, and adapted to force powder through the perforations in the top, a cover member hingedly mounted on the case, and means pivotally connecting the perforated slidable plate to the cover member.

1,642,781. TAG. HENRY E. KONDOLF, New York, N. Y., assignor to The Lox Seal Corporation, Brooklyn, N. Y., a Corporation of New York. Filed July 2, 1926. Serial No. 120,022. 11 Claims. (Cl. 40-21.)



1. In a tag of the character described, a pair of superposed layers partially united by adhesive, and a swatch having a portion thereof held therebetween by said adhesive and another portion freely disposed between said layers.

1,642,782. MACHINE FOR MAKING CORRUGATED PAPER. SAMUEL M. LANGSTON, Wenonah, N. J. Filed Mar. 20, 1923. Serial No. 626,258. 11 Claims. (Cl. 154-30.)

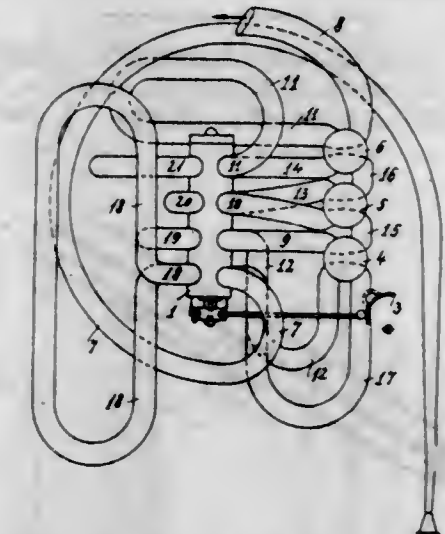


1. A machine for corrugating sheet material including a pair of meshing corrugating rollers, a pair of pivoted arms for supporting one of said rollers and permitting swinging movement thereof toward and from the other roller to vary the extent of meshing of the rollers, and means for adjusting one of said arms in an endwise direction to thereby adjust the end of the roller in a direction substantially at right angles to the plane of the axes of the meshing rollers and without disturbing the extent of meshing of the rollers.

1,642,783. CONTROL VALVE FOR SHEET-METAL WIND INSTRUMENTS. CARL LEHMANN, Hamburg, Germany, assignor of one-half to Erdmann Chemnitz, Hamburg, Germany. Filed Oct. 19, 1926. Serial No. 142,572, and in Germany Nov. 23, 1925. 1 Claim. (Cl. 84-394.)

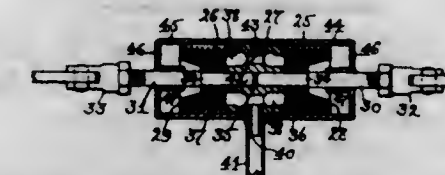
A control valve for double sheet metal wind instruments with different pitches, comprising in combination with a control valve casing, a double quadruple valve in said casing, three single playing valves, sound conduct-

ing pipes connecting said valve casing, said three single playing valves, and four extension pipes leading from said quadruple valve and operatively arranged, according



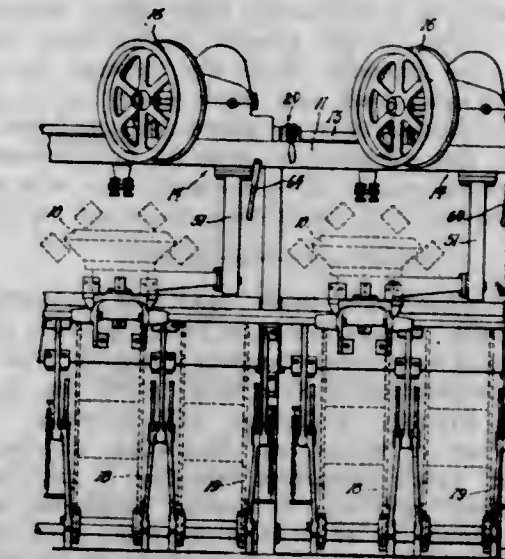
to the position of said control valve, so as to be connected up or disconnected, respectively, for producing the F and B pitch.

1,642,784. BRAKE MECHANISM. RENE LE LUOMIER, Boston, Mass. Filed Sept 1, 1922. Serial No. 585,667. 1 Claim. (Cl. 188-152.)



The combination with a fluid actuator having expandible and collapsible metallic members provided with a fluid inlet and having their inner ends in open communication with said fluid inlet and provided at their outer ends with rigid heads attached fluid-tight to said metallic members and simultaneously movable away from each other by fluid-pressure admitted into said metallic members, of a protective casing for said fluid-actuator provided with heads, and rods attached to the rigid heads of the said actuator and guided by the heads of said protective casing.

1,642,785. BRAIDING MACHINE. ROBERT ERNEST McFARLAND, Cicero, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Aug. 18, 1924. Serial No. 732,821. 5 Claims. (Cl. 96-18.)



1. In a braiding machine, means for braiding material on different shaped cores, means for causing a relative movement between material to be braided and the braid-

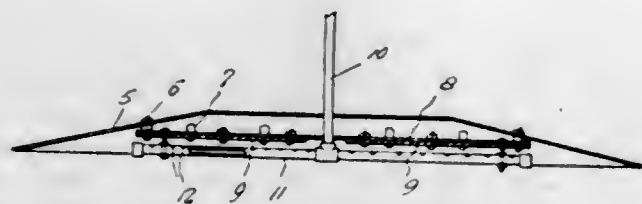
ing means, and means for simultaneously changing the speeds of the first and second mentioned means in accordance with the shape of the core being covered with said braided material.

- ✓ 1,642,786. ELECTRICALLY-HEATED WINDSHIELD WIPER. RAYMOND P. MITCHELL, Danville, Va. Filed Feb. 2, 1927. Serial No. 165,314. 4 Claims. (Cl. 15-253.)



1. A wiper member for windshield cleaners and comprising a holder, a wiper element arranged in the holder and consisting of a strip of non-combustible material, insulation interposed between the non-combustible material and the holder, and a heating element arranged between the insulation and the said non-combustible strip for heating the latter.

- 1,642,787. GAS BROODER. JOHN W. MYERS, Van Nuys, Calif. Filed Oct. 13, 1926. Serial No. 141,355. 1 Claim. (Cl. 119-32.)

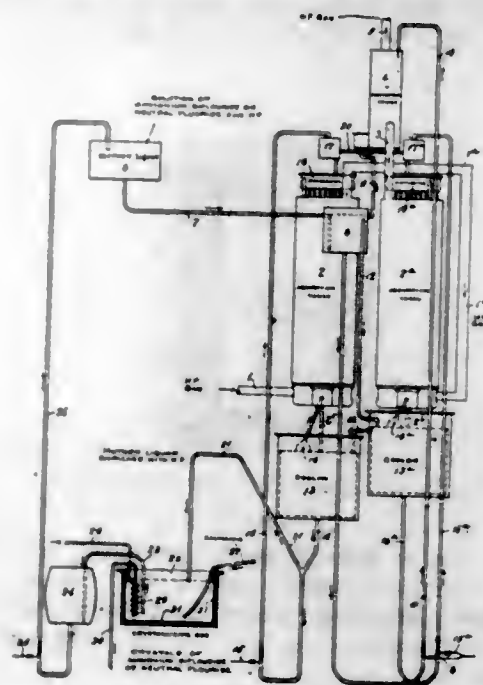


In a gas brooder of the class described, a relatively oval shaped enlarged crown plate which is frusto-conical in vertical section, a brace plate disposed beneath the under side of the central portion of the crown plate, connecting bolts extending through the brace plate at the edges thereof and the adjacent portions of the crown plate, sleeves encircling the bolts for spacing the brace plate with respect to the crown plate, a pair of burner plates secured to the bottom face of the brace plate, the inner opposed ends of the burner plates being spaced from each other at the central portion of the brace plate, a gas supply pipe extending vertically through the center of the crown plate and said brace plate, and a burner pipe arranged horizontally in spaced relation beneath the burner plate and communicating at its intermediate portion at the lower end of the gas supply pipe, said burner pipe being formed with outlet openings in the top thereof.

- 1,642,788. PROCESS FOR MAKING AMMONIUM FLUORIDES. JAMES WILLIAM PROCTOR, Belle Vernon, Pa., assignor to General Chemical Company, New York, N. Y., a Corporation of New York. Filed Jan. 5, 1923. Serial No. 610,518. 9 Claims. (Cl. 23-88.)

1. In the art of making an ammonium fluoride, that improvement which comprises exposing a gas containing hydrofluoric acid gas, to contact treatment with a liquor containing an ammonium fluoride, until such a solution of hydrofluoric acid in said liquor is obtained that, on subsequent addition of ammonia and cooling, an ammonium fluoride will crystallize from the mother liquor, treating the liquid product resulting from the

said contact treatment between hydrofluoric acid gas and liquor, with ammonia to form an ammonium fluoride

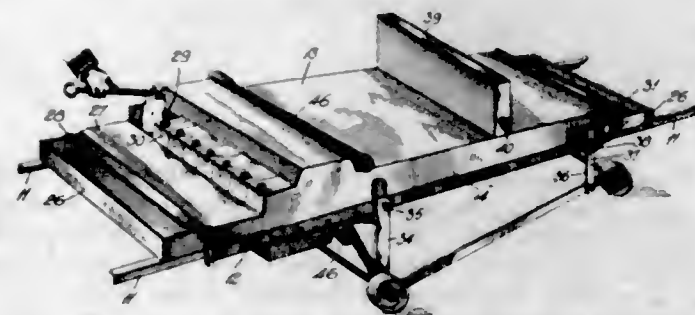


in the liquor, crystallizing out an ammonium fluoride, separating the said crystals from the mother liquor and using the mother liquor as the liquor of the first step.

- 1,642,789. PROCESS FOR MANUFACTURING A TRUE MAPLE FLAVORING PRODUCT. JOHN W. SALE and JOHN B. WILSON, Washington, D. C., assignors to the Government and the People of the United States of America. Filed Apr. 1, 1927. Serial No. 180,329. 1 Claim. (Cl. 99-11.) (Granted under the act of Mar. 3, 1883, 22 Stat. L., 625.)

A process for the manufacture of a highly concentrated true maple flavoring product comprising the adjustment of a maple product to a density of about 28° B, heating the same, removing substantially all of the sugar present therein by precipitation, and finally concentrating.

- 1,642,790. APPARATUS FOR AND METHOD OF ANNEALING GLASSWARE. ORIE SHACKELFORD, Fairmont, W. Va., assignor to Hartford-Empire Company, Hartford, Conn., a Corporation of Delaware. Filed Apr. 24, 1923. Serial No. 634,252. Renewed Feb. 16, 1927. 26 Claims. (Cl. 49-45.)



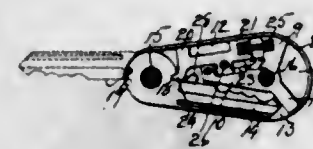
1. A Lehr comprising a passageway having a fixed floor, means supported by said floor for transporting a continuous series of articles through said passageway, and means for varying the cross sections area of said passageway.

19. The method of regulating the heat of a glass annealing leer, which includes the step of changing the inclination of a conducting passage of the leer to control the flow of air therethrough.

- 1,642,791. KEY CASE. JOSEPH F. SKOREPA, New York, N. Y. Filed Aug. 9, 1926. Serial No. 128,049. 4 Claims. (Cl. 59-96.)

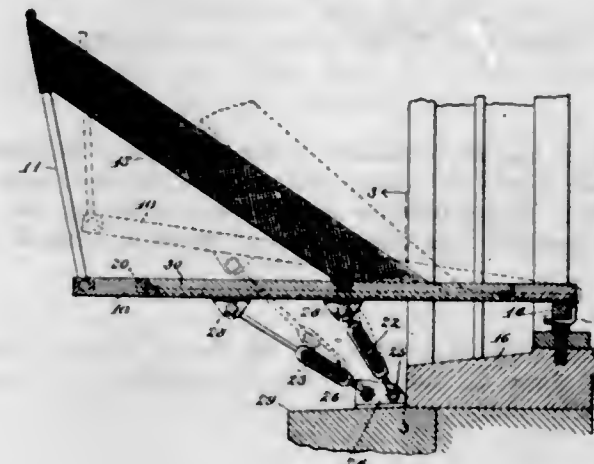
1. A key case having a chamber therein, an arm extending lengthwise of the case and dividing said chamber into a compartment and a recess, a key pivotally mount-

ed in said case within said pocket, a locking bolt located in the compartment opposite said pocket and having guides in contact with a wall of the chamber and with



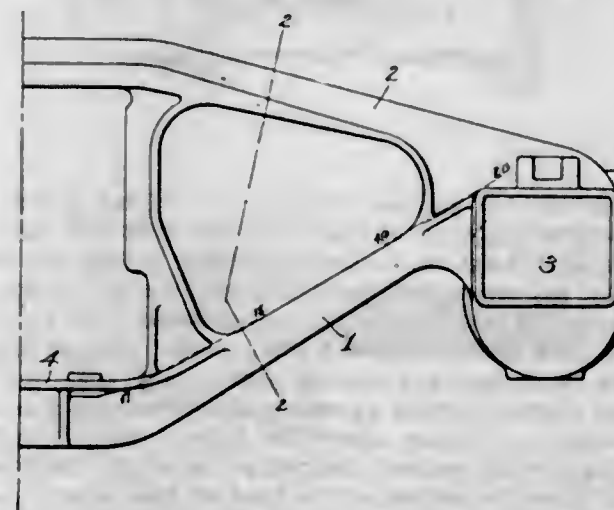
said arm, and a finger on said bolt adapted to engage notches in said key and said key being constructed for cooperation with said bolt to cause forceful projection of said key upon retraction of the bolt.

- 1,642,792. WINDOW SEAT. EUGENE SONNTAG, Astoria, N. Y. Filed May 28, 1926. Serial No. 112,366. 2 Claims. (Cl. 304-24.)



1. A window seat comprising a platform, and means for effecting the detachable connection of the platform, said means comprising a pair of turnbuckles at each side of the platform, each turnbuckle pivotally connected to the platform, one turnbuckle of each pair being longer than the other turnbuckle, a base member associated with each pair of turnbuckles, to which the lower end of each of the turnbuckles is pivotally connected, and the longer turnbuckle of each pair disposed behind the shorter turnbuckle.

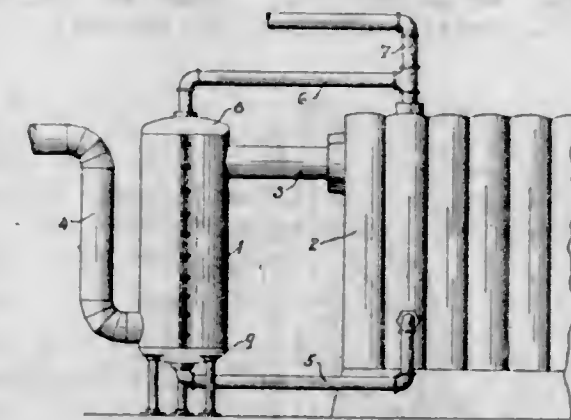
- 1,642,793. CAST SIDE FRAME FOR CAR TRUCKS. HARRY WALTER STERTZBACH, Columbus, Ohio, assignor to The Buckeye Steel Castings Company, Columbus, Ohio. Filed Mar. 18, 1925. Serial No. 16,445. 4 Claims. (Cl. 105-205.)



1. A cast side frame for car trucks having tension and compression members of inverted channel formation, the width of the tension member being greater than the

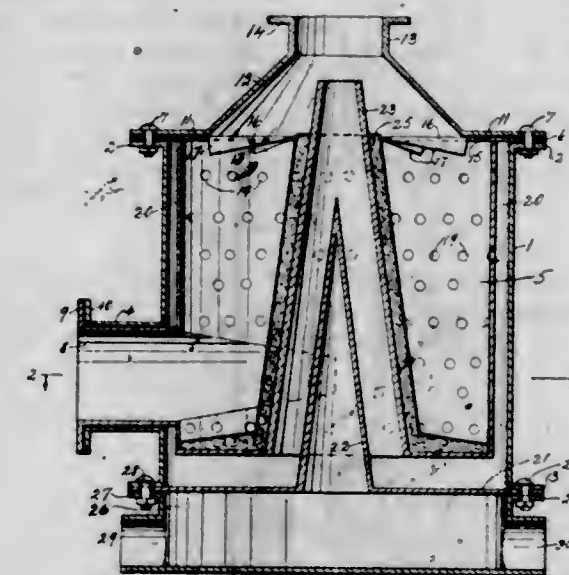
width of the compression member whereby the corners of the tension member may be formed upon a large radius.

- 1,642,794. BOILER AND ECONOMIZER ORGANIZATION. LOUIS D. SUMMERS, Springfield, Ill., assignor to Franz and Summers, Springfield, Ill., consisting of Fred J. Franz, William J. Franz, and Louis D. Summers. Filed Mar. 1, 1926. Serial No. 91,312. 1 Claim. (Cl. 122-1.)



The combination, with a relatively large low pressure boiler of a flue for conducting the products of combustion therefrom, a relatively small economizer interposed in said flue and having an upper and a lower head and pipes connecting said heads, said flue comprising a section leading from the boiler to a point in the upper portion of the economizer adjacent said upper head, and a section leading to the stack from the economizer from a point adjacent the lower head, a pipe connecting the lower head of the economizer to the lower portion of a section of said boiler, an offtake pipe leading from the upper portion of said boiler, and a pipe connecting the upper head of said economizer to said offtake pipe.

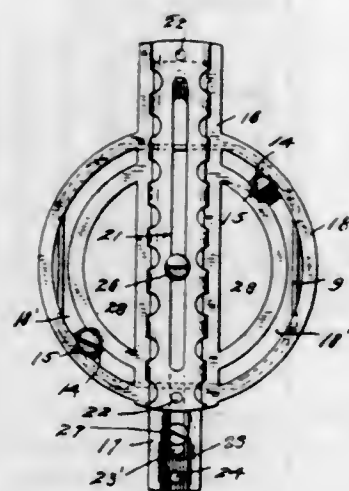
- 1,642,795. FUEL VAPORIZER. AUGUST T. TAECKER, Brawley, Calif. Filed Mar. 20, 1926. Serial No. 96,293. 2 Claims. (Cl. 48-180.)



1. A liquid fuel vaporizer comprising a cylindrical casing; a drum of smaller diameter than said casing concentrically mounted therein and having its cylindrical wall perforated, the top of said drum having a central aperture and a series of segmental deflector plates stamped down to form a circular series of segmental apertures concentric with said central aperture, the bottom of said drum being formed with a series of segmental apertures concentric with said central aperture.

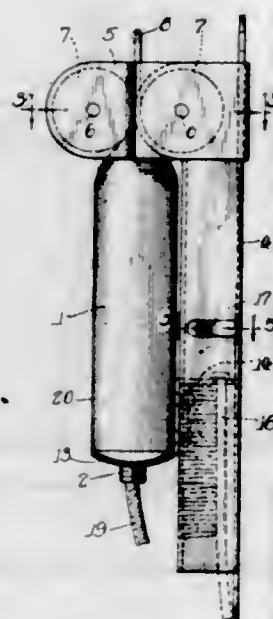
drum having a central aperture larger than the central aperture in the top, a frusto conical conduit joining said central apertures and projecting beyond the central aperture in the top; a heating chamber connected to said casing and having the top thereof spaced below the bottom of said drum; a mixing chamber connected to said casing above said drum, and a feed pipe extending through said casing into said drum.

1,642,796. FIXTURE-ATTACHING STRAP. MILES A. TIERNEY, Minneapolis, Minn. Filed Feb. 28, 1924. Serial No. 695,871. 6 Claims. (Cl. 240—85.)



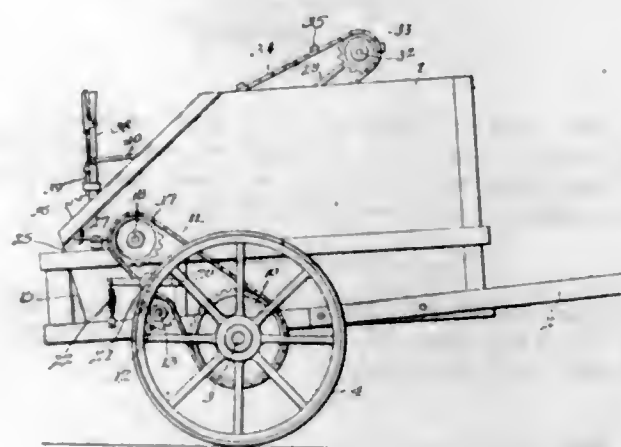
1. A fixture-attaching strap comprising a fixed channel bar having retaining lugs and a movable bar slidably mounted in the channel of the fixed bar and held by the retaining lugs, said two bars having means for attaching a fixture thereto, said fixed bar being arranged to span the open face of an outlet box, and means for attaching the fixed bar to the outlet box in different rotated positions parallel to the open face of the outlet box.

1,642,797. TOOTH-PASTE DISPENSER. ROBERT BENEDICT TRACY, Chicago, Ill. Filed May 2, 1924. Serial No. 710,486. 3 Claims. (Cl. 221—80.)



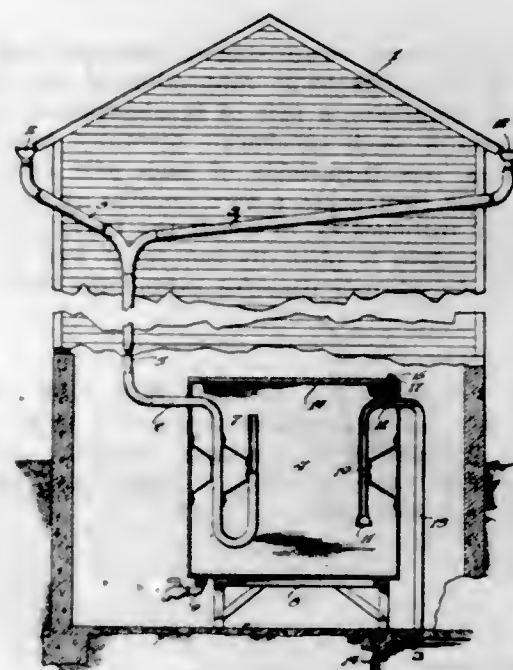
3. In a device of the class described, the combination with a frame member, of thrust operable means including a roller and a cooperating element for laterally compressing a collapsible tube, and a thrust member slidable on said frame member provided with means for engaging the discharge end of said tube.

1,642,798. MANURE DISTRIBUTOR. PINKNEY RUFFIN TUCKER, Guilford County, N. C., assignor of two-fifths to Albert E. Reitzel, Washington, D. C. Filed June 21, 1924. Serial No. 721,447. 9 Claims. (Cl. 275—4.)



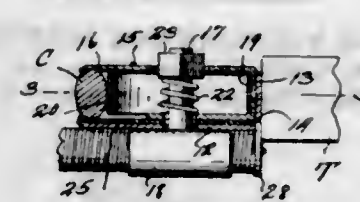
1. In a manure spreader, a body having a stationary floor and means to deliver manure over the rear edge of said floor, in combination with means receiving the delivered manure and discharging it forward beneath the body.

1,642,799. TANK. WILLIAM M. WARD, Marion, Ohio. Filed June 2, 1926. Serial No. 113,350. 1 Claim. (Cl. 210—43.)



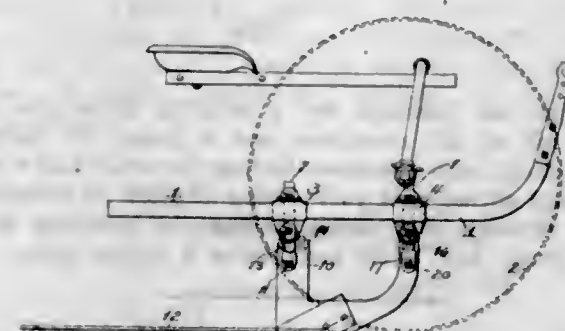
Means for the purpose set forth comprising a tank, a water-delivering pipe leading into the tank and having a vertically elongated U-shaped terminal within the tank whereby the water will be discharged through overflow, the outlet of said terminal being disposed near the top of the tank, and a cistern-feeding outlet pipe having a portion extending downwardly outside the tank into a cistern, another portion extending downwardly within the tank and terminating above the bottom thereof and a bridging portion leading through a side of the tank at a height above the bottom of the tank at least equal to the height of the outlet of the U-shaped terminal of the water-delivering pipe, an air vent rising from the said bridging portion, and a screen carried by and extending across the lower end of the portion within the tank.

1,642,800. REIN SUPPORT. TOM WATKINS, Gateway, Colo. Filed Aug. 3, 1926. Serial No. 126,868. 7 Claims. (Cl. 280—181.)



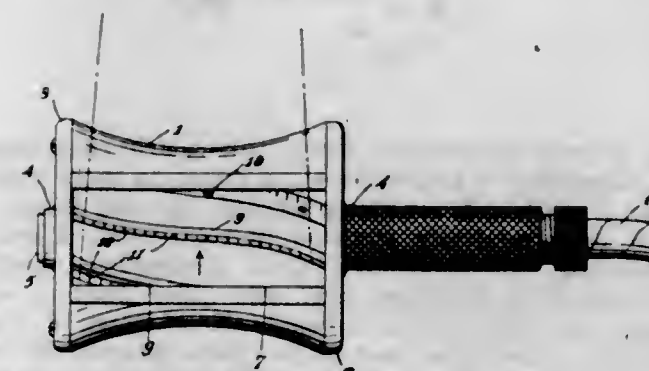
1. A rein support comprising an elongated yieldable member formed of two sections or portions having swiveled engagement with each other, and means for connecting the member to a wagon tongue.

1,642,801. CULTIVATOR. HERMAN E. ALTGELT, South Bend, Ind., assignor to Oliver Chilled Plow Works, South Bend, Ind. Filed Sept. 25, 1925. Serial No. 58,585. 2 Claims. (Cl. 97—179.)



1. The combination with two spaced cultivator beams, and vertical forward and rearward bars supported by each beam, of two runners having vertically adjustable connection respectively with the forward vertical bars, each runner having an upright portion connected with one of the rearward vertical bars, overlapping arms projecting inwardly from the vertical rear portions of the respective runners, means for adjustably connecting said arms, and blades secured to side portions of the respective runners and extending outwardly and rearwardly therefrom.

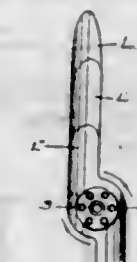
1,642,802. FISH SCALER. JAMES J. BARRY, Gloucester, Mass., assignor to General Seafoods Corporation, Gloucester, Mass., a Corporation of Delaware. Filed Nov. 6, 1925. Serial No. 67,282. 10 Claims. (Cl. 17—5.)



1. A fish scaler having a housing and rotating shaft, and blades rotatable with said shaft, said blades having subdivisions independently flexible.

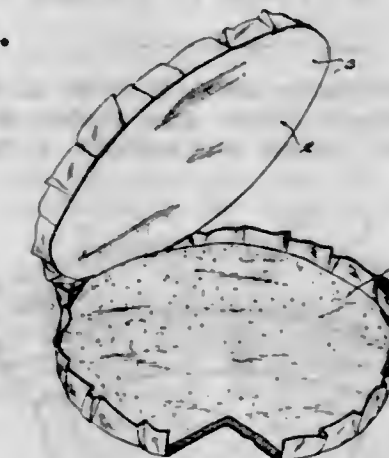
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1,642,803. PROPELLER. JOSEPH A. BLONDIN, Los Angeles, Calif. Filed Mar. 17, 1925. Serial No. 16,108. 4 Claims. (Cl. 170—159.)



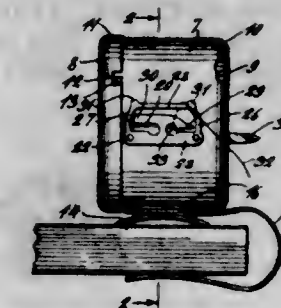
1. In a sheet metal propeller, in combination, an arcuate hub section, an arcuate blade integral with and extending from two sides of said hub section, and sets of additional arcuate blade elements superposed on said blades, and extending a substantial distance along the length of said blades.

1,642,804. PACKAGED UNBAKED-DOUGH LAYER. MARY IRMINE BYRNES, Des Moines, Iowa. Filed Aug. 12, 1925. Serial No. 49,796. 1 Claim. (Cl. 229—87.)



A wrapper for a pie crust dough layer comprising a paper blank consisting of two counterpart substantially circular body portions integrally joined at one side for a short portion of their margins and of a diameter somewhat greater than that of the layer to be wrapped, whereby the said portions may overlap and completely cover the opposite sides of the said layer and their projecting marginal portions may be crimped together about the layer and be folded flat inwardly over one of the said portions.

1,642,805. CORD AND THREAD CONTAINER. HENRY F. CARLSON and HENRY A. RECHN, Leadville, Colo. Filed Jan. 20, 1927. Serial No. 162,264. 8 Claims. (Cl. 242—146.)



1. A thread container comprising a box having a removable cover, said box having a slot extending inwardly from the open end thereof, a supporting device attached to the box.

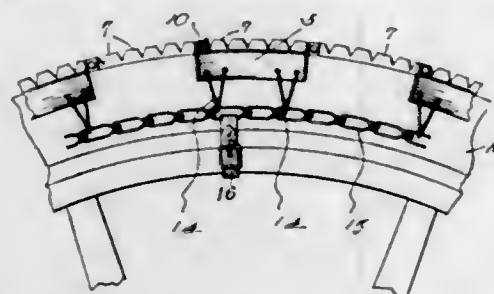
to said box and a tension device secured to the box and extending over said slot, said tension device having a tongue extending parallel with the slot, the inner end of said tongue contacting with the outer surface of the box.

1,642,806. MAIL BOX. CHARLES N. CHOATE, Royal Oak, Mich. Filed July 12, 1926. Serial No. 121,933. 7 Claims. (Cl. 232-17.)



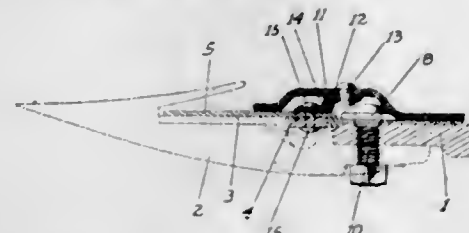
1. A mail box comprising telescopically engaged outer and inner receptacles, means for supporting the outer receptacle including a pivotal mounting, and means interconnected with the supporting means and the inner receptacle automatically operating upon the tilting of said receptacle on its pivot for outwardly moving the inner receptacle.

1,642,807. ANTISKID DEVICE FOR AUTOMOBILE TIRES. FRANK J. DONAT, Eden Prairie, Minn. Filed Oct. 15, 1926. Serial No. 141,792. 1 Claim. (Cl. 152-14.)



In an anti-skid device for automobile tires, a plurality of plate members curved longitudinally and transversely to conform to the curvature of the tire surface, road gripping lugs at the inner edge and opposite ends of said plates, pivotal connections between the plates at the opposite ends thereof and at the inner edges of the plates so that said plates at the opposite sides of the center of the device will be in spaced relation, the plates at one side being interposed between the plates at the other side, quick detachable means for facilitating the connection of the endmost plates around the tire surface, link members secured loosely to the plates at opposite ends thereof and depending from the edges of the plates, and side chains connected to said links for engagement around the side walls of the tire.

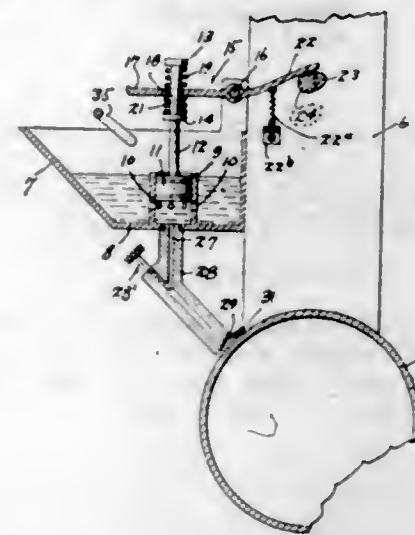
1,642,808. MOWING-MACHINE CLIP. ALFRED D. GOODWIN, Ripon, Calif. Filed July 23, 1925. Serial No. 45,505. 2 Claims. (Cl. 56-305.)



1. An attachment for mowing machines having a finger bar and a cutter bar, comprising a flat rail member adapted to be attached to the cutter bar, a flat wearing

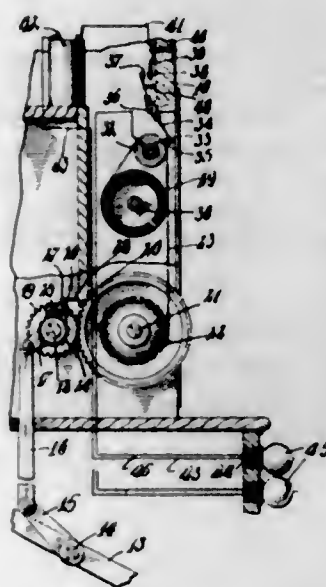
plate to abut against the rail, the latter being slidable along the plate, and a clip member in which said plate is pivotally mounted for horizontal swinging movement, adapted to be secured onto the finger bar.

1,642,809. INK FOUNTAIN FOR PRINTING PRESSES. WALLACE H. GRANGER, San Francisco, Calif. Filed Mar. 6, 1926. Serial No. 92,932. 5 Claims. (Cl. 101-365.)



1. In an ink fountain for a printing press, the combination of an ink container and a pump for pumping ink therefrom, said container having an outlet and a valve across said outlet, said valve being adapted to permit ink to flow through said outlet during the pumping action of said pump, said valve comprising a spring plate.

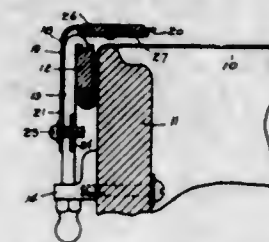
1,642,810. AUTOMATIC LIGHT INDICATOR FOR PIANOS. IGNATIUS B. GAIMALDI, Brooklyn, N. Y. Filed July 21, 1925. Serial No. 44,979. 2 Claims. (Cl. 84-115.)



1. A device for teaching music, particularly piano playing comprising a player piano, a frame in said player piano, a music roll rotatively mounted on said frame, a roller shaft rotatively mounted in said frame, a sheet attached to said music roll having perforations therein and adapted to be drawn over said roller shaft, a stationary contact mounted on said player piano, a lever pivotally mounted on said player piano adapted at one end to engage said stationary contact and adapted at the other end to engage said music sheet, and to project through the perforations therein and contact with said roller shaft, electric bulbs mounted on said piano, and an electric circuit comprising a battery electrically connected in series with said stationary contact, and bulb,

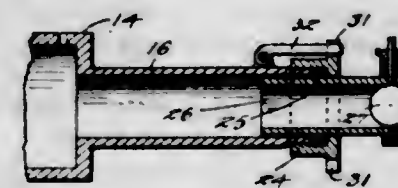
said lever being adapted to electrically connect said stationary contact with said roller shaft when the end of said lever extends through a perforation in said music sheet for producing a predetermined signal.

1,642,811. ARMREST FOR BANJOS. ALBERT D. GROVER, New York, and LOUIS H. BERTRAM, Long Island City, N. Y. Filed June 19, 1926. Serial No. 117,010. 6 Claims. (Cl. 84-328.)



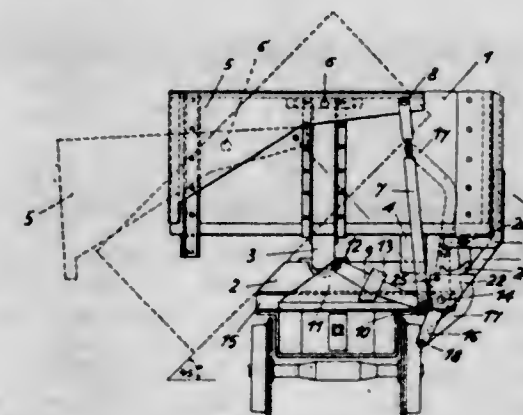
1. An arm rest for a banjo having spaced straining screws disposed about the head, comprising an integral plate for the edge of the instrument, and means attachably connecting the plate to the straining screws and capable of peripheral adjustment with respect to the head to accommodate the spacing between screws.

1,642,812. FURNACE GRATE. WALTER L. HARRISON and CHARLES W. HARRISON, Shelbyville, Mo., assignors of one-third to J. C. Deloney, Monroe City, Mo. Filed Dec. 8, 1926. Serial No. 153,346. 1 Claim. (Cl. 110-74.)



The combination with a hollow grate bar having a hollow stem extending from one end thereof, and the side wall of a furnace, of a notched support mounted on said wall and receiving the said stem in the notch thereof for rocking movement, a valved air nipple disposed in the outer end of said stem, a packing element on the nipple and bearing against the end of the stem, a nut engaged on the end of the stem and receiving said nipple therethrough for compressing the packing around the nipple and against the stem, said nut having peripheral notches, and a detent movably mounted on the stem and interchangeably engageable in the said notches for holding the nut against rotation independently of the stem.

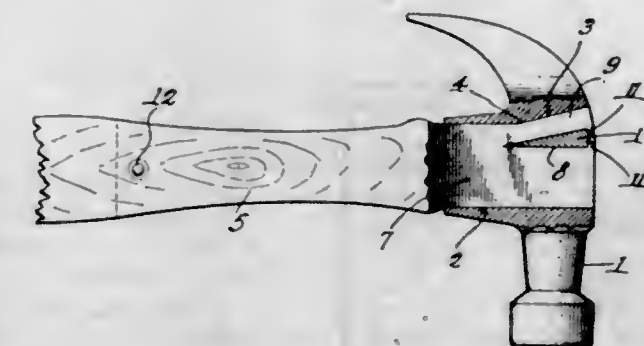
1,642,813. DUMPING CAR. FERDINAND HAUPT, Borna, near Leipzig, Germany. Filed June 1, 1925. Serial No. 34,158, and in Germany June 10, 1924. 1 Claim. (Cl. 105-274.)



Dumping car comprising an underframe, a body pivotally supported on said underframe, means for rocking said body on said underframe, a frame pivoted on said body,

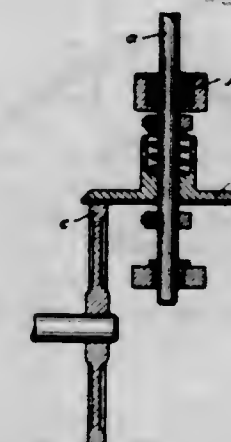
a flap secured to one end of said frame, a lever fulcrumed on said underframe, a drawbar linked to the other end of said frame and to said lever, and a check on said underframe adapted to limit the stroke of said lever.

1,642,814. TOOL-HEAD FASTENING. JOSEPH P. HERBERT and HOMER P. HERBERT, Chippewa Falls, Wis. Filed July 20, 1926. Serial No. 123,703. 1 Claim. (Cl. 306-33.)



A tool of the class described, comprising a head having a tapered eye, a handle mounted in the eye, a metal plate extended entirely through the handle transversely and engaged with the head at opposite sides of the eye, the plate being provided in its outer end with a slit defining a bendable tongue, and a wedge inserted into the slit and into the handle, the wedge expanding the handle within the eye, and flexing the tongue to cause it to bear upon the head within the eye, the plate being provided with a lip which engages and holds the wedge.

1,642,815. MEANS FOR DRIVING SPINDLES. JOSEF KIANER, Stuttgart, Germany. Filed May 10, 1924. Serial No. 712,404, and in Germany Aug. 20, 1923. 3 Claims. (Cl. 74-26.)

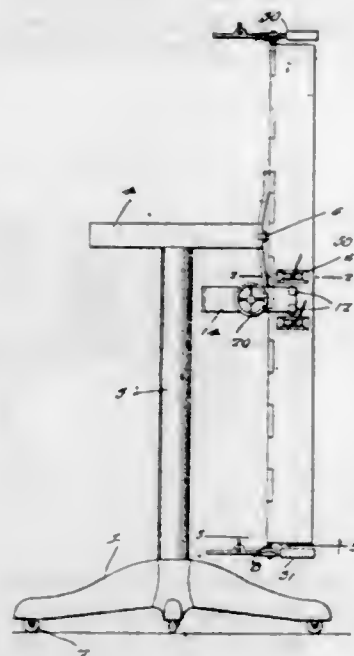


1. Means for driving spindles, comprising a substantially vertical spindle arranged for free axial displacement, a driving wheel near said spindle, a friction wheel on said spindle and resting on said driving wheel so as to support the spindle, a roller bearing surrounding and in contact with said spindle, and means for preventing longitudinal displacement of the rollers thereof.

1,642,816. APPARATUS FOR PRESSING TROUSERS WHILE ON WEARER. THERON B. LAMBERT and JAY MCCOMBS, Murray, Ky. Filed Nov. 6, 1925. Serial No. 67,396. 2 Claims. (Cl. 100-57.)

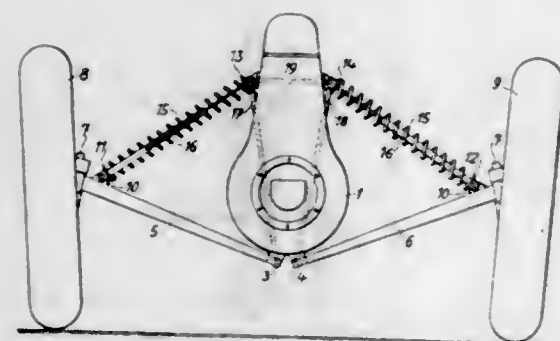
1. An apparatus for pressing trousers while on the wearer, comprising a stand, an upright bracket connected

to and carried by the stand and arranged laterally thereto and having upper and lower apertured portions, irons having vertically disposed knuckles in vertical coincidence with the apertured portions of the bracket, an upright pintle extending through the apertured portions of the



bracket and the knuckles of the irons and hingedly connecting the irons together and to said bracket, means carried by the pintle and disposed above and below the irons for grasping trousers and holding the same during a pressing operation, and means for pressing the irons together.

1,642,817. RESILIENT AXLE MOUNT FOR MOTOR VEHICLES. HANS LEDWINKA, Koprivnice, Czechoslovakia. Filed Apr. 12, 1926, Serial No. 101,511, and in Czechoslovakia Feb. 7, 1925. 7 Claims. (Cl. 280—124.)

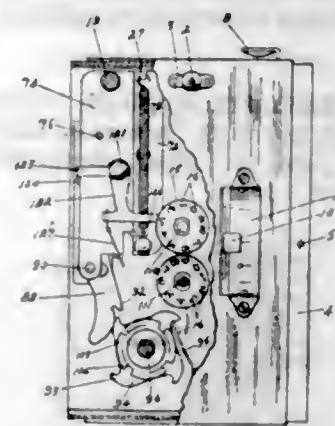


1. In a motor vehicle, a medial supporting frame, a pair of independently swivelling half-axes having their inner ends pivotally connected to said frame, and an extensible strut pivotally connected between the outer portion of each half-axle and said frame for yieldingly maintaining said half-axes in normal position, the said strut for each half-axle being connected to said frame at a point vertically spaced from the pivoted inner end of the respective half-axle.

1,642,818. FILM-WINDING MECHANISM FOR CAMERAS. LEW W. LESSLER, Johnson City, and CARL A. BORNHANN, Binghamton, N. Y., assignors to Ansco Photoproducts, Inc., Binghamton, N. Y. Original application filed Mar. 13, 1926, Serial No. 94,496. Divided and this application filed Oct. 16, 1926. Serial No. 142,003. 19 Claims. (Cl. 242—71.)

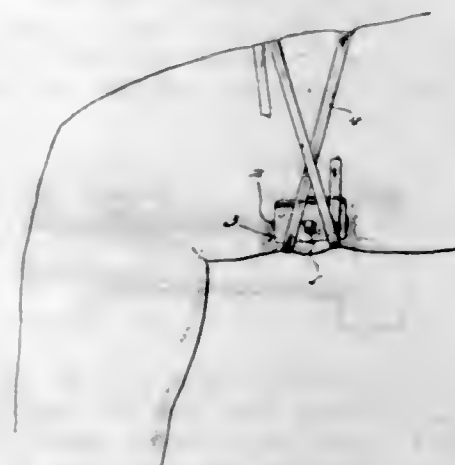
1. A film winding mechanism for cameras comprising a support, a slide guided on said support, means normally

urging said slide in one direction, a finger piece for moving said slide in the opposite direction, and means on said



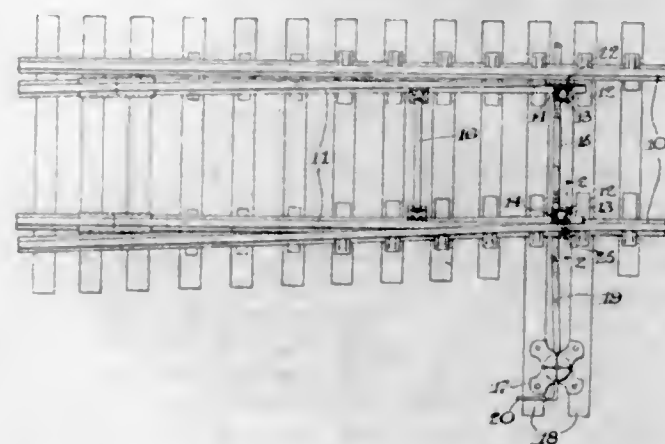
slide and extending through said support to and engaging film strip for moving the same.

1,642,819. DRAIN TUBE. JACKSON E. LONG, Marshall, Mo. Filed Oct. 18, 1926. Serial No. 142,380. 1 Claim. (Cl. 128—350.)



A surgical drain tube of soft rubber having a flexible collar of the same material formed integral therewith intermediate its ends, and a plate of rigid material detachable from the tube and having an opening to receive the outer end portion of the tube and adapted to bear against the outer face of said collar to confine the same and retain the tube in place through the instrumentality of a suitable binder.

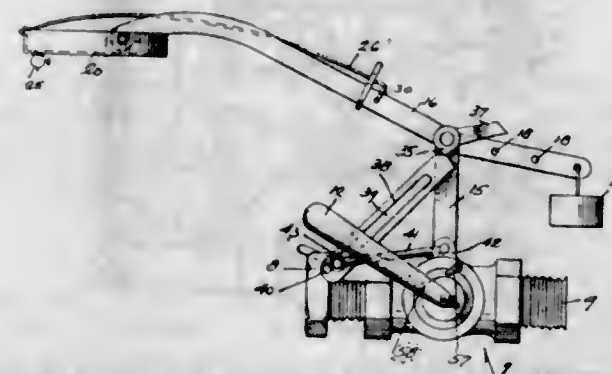
1,642,820. SWITCH LOCK. NICHOLAS E. MURPHY, Wauwatosa, Wis. Filed May 20, 1925. Serial No. 31,637. 3 Claims. (Cl. 246—448.)



1. In a switch lock, the combination of a stock rail and a movable switch rail adapted to co-operate therewith, a threaded bolt disposed on one of said rails and

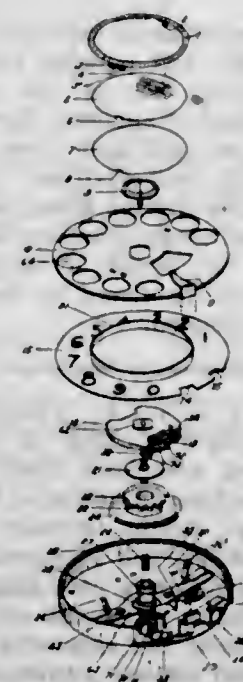
having a projecting part adapted to pass through the other of said rails, there being an opening in the projecting part of said bolt for receiving a locking member only when said rails are in abutting position, and means including a nut on said bolt permitting a longitudinal adjustment of said bolt for adjusting the relative position of the opening therein with respect to the outer side of the rail receiving the projecting part of said bolt.

1,642,821. AUTOMATIC SHUT-OFF DEVICE FOR LAWN SPRINKLERS. JAMES M. NOBLE, Gustine, Calif. Filed Sept. 8, 1926. Serial No. 134,297. 2 Claims. (Cl. 137—139.)



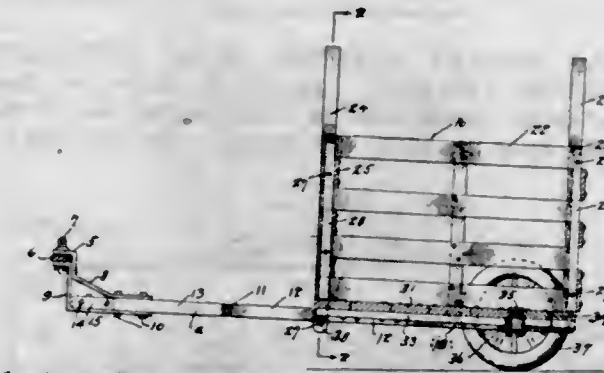
1. A valve, first means for turning off the valve, a vessel for catching water from a sprinkler, and second means for actuating said first means when there is a predetermined amount of water in said vessel, said second means comprising a lever on one arm of which said vessel is tiltedly mounted, and on the other arm of which is an adjustably mounted weight, and automatic means for tilting said vessel to empty the same.

1,642,822. CALLING DEVICE. HERBERT F. OBEROFFEL, River Forest, Ill., assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill., a Corporation of Delaware. Filed May 15, 1924. Serial No. 713,378. 19 Claims. (Cl. 179—90.)



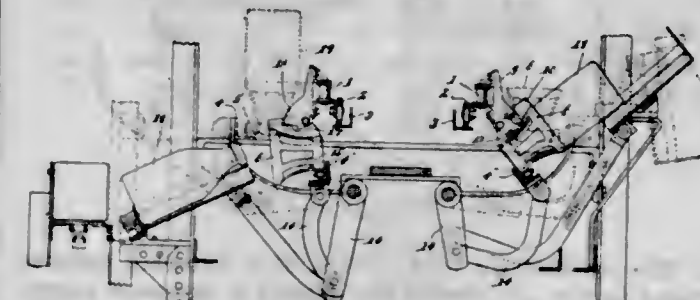
1. In an impulse sending device, a finger hole dial, a supporting shaft for said dial, impulse mechanism for said device including a train of gears for operating it, a source of power for operating said train of gears comprising a spring normally tending to rotate said dial, a stop for normally preventing its rotation, a number dial located between said finger hole dial and said mechanism, means for holding said dial in place, and means for removing said number and finger hole dials from said device while retaining said mechanism, gears, shaft, dial holding means and spring intact.

1,642,823. TRAILER. ADOLPHE ORDWAY, Newman, Calif. Filed Apr. 20, 1926. Serial No. 103,331. 2 Claims. (Cl. 280—33.4.)



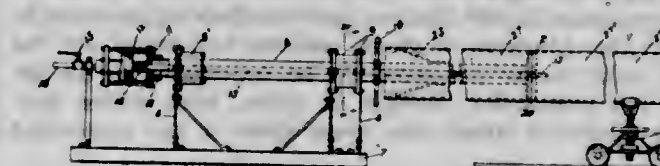
1. A trailer comprising a substantially triangularly shaped frame, means on the narrow end of the frame for connecting the same to a vehicle, an axle disposed transversely of the wider end of the frame, traction wheels mounted upon the axle, a body superimposed on the wider end portion of the frame and disposed with one end in spaced relation to the narrow end of the frame, said body comprising a floor having converging sides, converging side members connected to the opposite sides of the frame, the ends of the said side members adjacent to the narrow end of the frame having vertical extensions and providing an intervening space for the head and neck of an animal and transversely disposed end members connected to the opposite end portions of the side members.

1,642,824. BOTTLE-WASHING MACHINE. WALTER H. PAULSON, Chicago, Ill., assignor to Harry D. Lathrop, Chicago, Ill. Filed Jan. 26, 1927. Serial No. 163,669. 12 Claims. (Cl. 198—131.)



1. The combination, with the carrier of a receptacle washing machine, of a receptacle pocket pivoted to the carrier to swing to and from an operative relation with the carrier for loading and unloading receptacles to and from the pocket, and means outstanding from the carrier to engage the receptacle in the pocket when in operative position for locking the receptacle in the pocket.

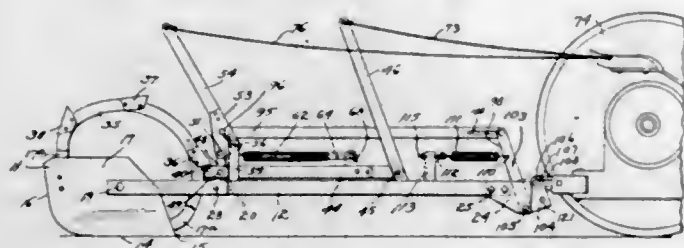
1,642,825. WELDING MANDREL. WILLIAM H. PEARCE, Portland, Oreg., assignor to Coast Culvert & Flume Co., Portland, Oreg., a Corporation of Oregon. Filed June 27, 1922. Serial No. 571,321. 4 Claims. (Cl. 113—103.)



1. In a machine of the character described, a segmental expansible head comprising a plurality of segments, the inner portions of which are adapted to be operated by a tapered spindle, suitable means for holding said segments in operative relation to a cylinder to be welded, and coppery covering for the outer peripheral surfaces of said segments, a hollow mandrel mounting for said segmental expansible head member and means

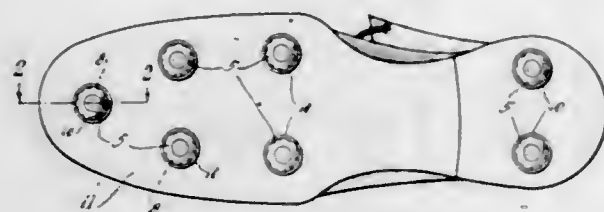
within the hollow of said mandrel for causing selectively, axial movements of said tapered spindle in selective direction.

1,642,826. ROTARY SCRAPER WITH AUTOMATIC ELEVATING CONTROL. JOSEPH S. REYNOLDS, Long Beach, Calif. Filed Feb. 24, 1925, Serial No. 11,153. Renewed June 21, 1927. 30 Claims. (Cl. 37-140.)



9. In an automatic scraper control, the combination of: a frame; a scoop pivotally supporting one end of said frame; and a draft connection pivotally secured to the said frame and adapted to operate at a predetermined load within the scraper to rotate the said scraper to a non-scraping position.

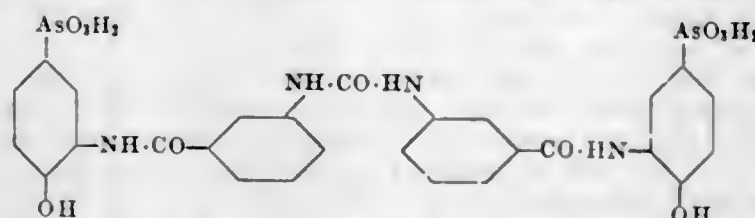
1,642,827. ATHLETIC SHOE. JOHN T. RIDDELL, Evans-ton, Ill. Filed Oct. 5, 1923. Serial No. 666,834. 5 Claims. (Cl. 36-59.)



1. The combination with a shoe, of a clamping member mounted in the sole thereof and having a threaded socket, said clamping member being made in two separable parts secured together, each part having a head on its end and said heads cooperating to clamp the sole between them; and a tread member having a threaded stud to fit said socket, substantially as described.

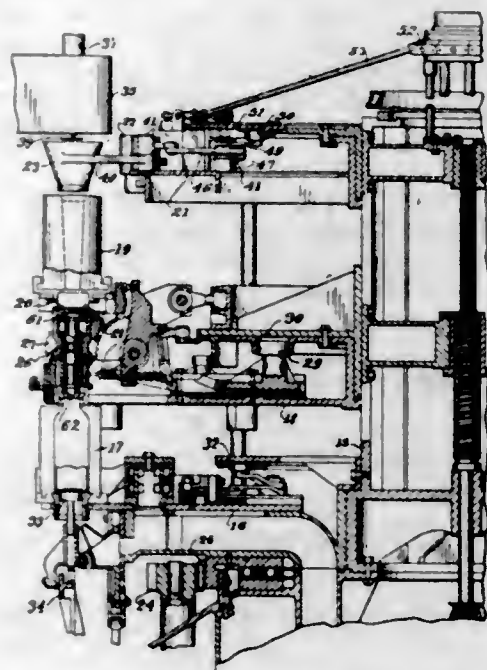
1,642,828. GLASS-FORMING MACHINE. JOHN F. RULZ, Toledo, Ohio, assignor to The Owens Bottle Company, Toledo, Ohio, a Corporation of Ohio. Filed Apr. 19, 1923. Serial No. 633,067. 17 Claims. (Cl. 49-5.)

11. The combination with an automatic glass feeder operative to produce suspended charges of molten glass, of an automatic glass forming machine comprising a rotating carriage, molds thereon open at their upper ends to receive the charges of glass, guides individual to the molds, said molds arranged to be brought directly beneath the suspended charges of glass, said guides projecting upwardly above the lower ends of the suspended



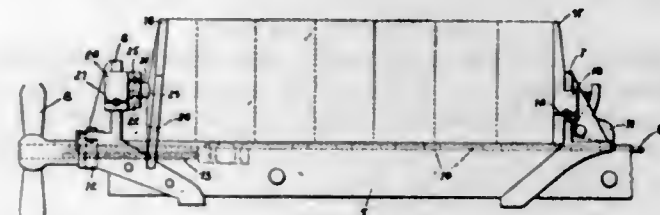
being a yellow amorphous powder soluble in alkalis, but insoluble in the usual organic solvents.

charges, said feeder including means to sever the charges and permit them to drop into the molds, mold closing



heads mounted on the mold carriage, and means to move each said head downward past a guide into mold closing position after a charge has entered the mold.

1,642,829. ADJUSTABLE CLAMP. JOHN RYDEN and CARL GUSTAVSON, Rockford, Ill. Filed May 15, 1926. Serial No. 109,205. 6 Claims. (Cl. 144-303.)

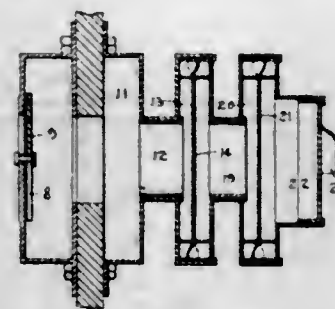


1. In a clamp comprising a bar and a pair of jaws presenting opposed flat and parallel faces for clamping work therebetween when one of the jaws is adjusted toward the other, a pair of auxiliary jaws arranged to be removably mounted on said main jaws in front of the clamping faces thereof, said auxiliary jaws having holding means on the backs thereof arranged to be vertically adjustable on the main jaws whereby the auxiliary jaws are adjustable above the height of the main jaws to increase the capacity of the clamp as respects the height of the work to be handled.

1,642,830. PHARMACEUTICAL PRODUCT CONTAINING ARSENIC AND PROCESS OF MAKING SAME. WALTER SCHOELLER and MAX GEHRKE, Berlin, Germany, assignors to Firm: Chemische Fabrik auf Actien (vorm. E. Schering), Berlin, Germany. Filed June 22, 1925, Serial No. 38,902, and in Germany July 2, 1924. Divided and this application filed Aug. 9, 1926. Serial No. 128,334. 4 Claims. (Cl. 260-14.)

1. As a new product, the symmetrical carbonyl urea of m-(m-amino benzoyl amino) p-hydroxy benzene-arsonic acid, corresponding to the formula

1,642,831. FUEL SAVER. ALBIN L. STRONG, Hoboken, N. J., assignor to Louis A. Molten, Hoboken, N. J. Filed Dec. 16, 1921. Serial No. 522,856. 5 Claims. (Cl. 110-175.)



1. In an apparatus of the class described, circular partitions having segments at the periphery extending in opposite directions and segments intermediate of said first mentioned segments, projecting at right angles to said partition and bent over at opposite sides.

1,642,832. PIPE GRIPPING AND SUPPORTING DEVICE. WEBSTER F. TRAVES, Oklahoma City, Okla., assignor to The Guberson Corporation, Dallas, Tex., a Corporation of Delaware. Filed Aug. 30, 1926. Serial No. 132,428. 17 Claims. (Cl. 24-249.)



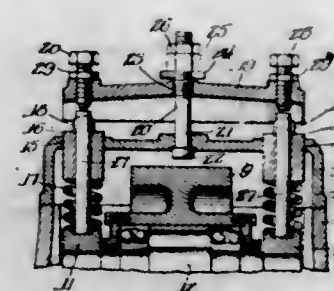
8. In a pipe gripping and supporting device, a pair of supporting yokes having free fulcrums at their outer ends and hinged together at their inner ends, and gripping members pivotally suspended in the yokes and having opposed vertical gripping faces.

1,642,833. SPECTACLE TEMPLE AND METHOD OF MAKING THE SAME. JAMES W. WELSH, Providence, R. I., assignor to Bausch and Lomb Optical Company, Rochester, N. Y., a Corporation of New York. Filed Jan. 22, 1924. Serial No. 687,697. 12 Claims. (Cl. 58-52.)



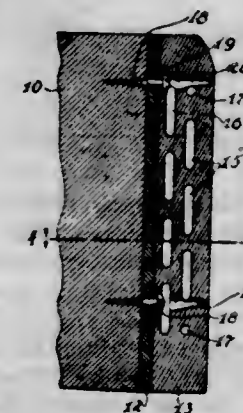
1. A spectacle temple comprising a nonmetallic seamless tube having a recess communicating with the bore of the tube, and a reinforcing rod in the bore having a hinge plate secured thereto seated in the recess.

1,642,834. MEANS FOR SUPPORTING ROTARY CYLINDERS. LUCIEN I. YEOMANS, Chicago, Ill. Filed Nov. 30, 1925. Serial No. 72,209. 6 Claims. (Cl. 308-203.)



1. The combination of a rotary cylinder, supporting means for the cylinder comprising a top roller, and means for yieldably supporting said roller so that it may bear along its entire periphery against the cylinder and permitting differential movement of the opposite ends of the roller, said yieldable supporting means comprising a spindle on which the roller is mounted, slide blocks carrying opposite ends of the spindle, a structure providing guideways for said slide blocks, two sleeves slidably mounted in said structure, coiled expansive springs interposed between said slide blocks and sleeves, an equalizing bar bearing at its ends against said sleeves, a pivotal mounting for the mid-portion of said equalizing bar, plungers bearing against said slide blocks and extending slidably through said sleeves, and adjustable stops carried by said equalizing bar for the ends of said plungers, said stops being normally spaced slightly away from said plungers, and said slide blocks being free to tilt slightly in their guideways.

1,642,835. RECOIL PAD FOR GUNS. ALBERT H. AMMANN, Chicago, Ill., assignor to Jostam Manufacturing Co., composed of Walter R. Jorgenson, W. D. Stannard, and A. H. Ammann, Chicago, Ill. Filed May 21, 1926. Serial No. 110,587. 3 Claims. (Cl. 42-74.)

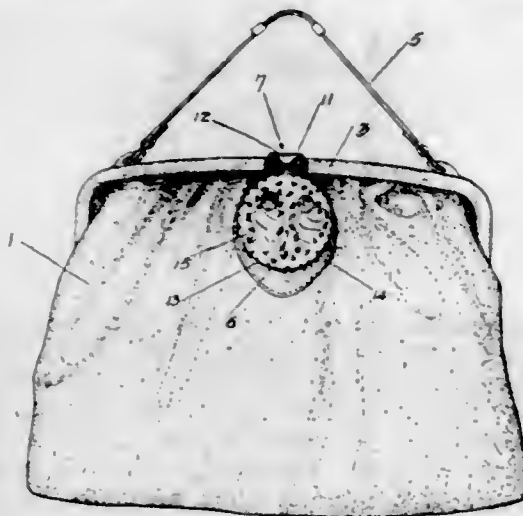


1. A recoil pad for a gun stock comprising a base plate, a soft rubber cushion carried by the base plate, two vertical rows of vertically elongated open-ended transverse air pockets formed in said cushion, the pockets of one row being staggered with respect to the pockets of the other row, the ends of the rear row of pockets being located immediately adjacent to the lateral rear edges of the cushion, the rear surface of the cushion being curved convexly from side to side.

1,642,836. CLASP FOR HAND BAGS AND LIKE RECEPTACLES. DEZSO BALAZS, San Francisco, Calif. Filed May 24, 1926. Serial No. 111,125. 2 Claims. (Cl. 292-202.)

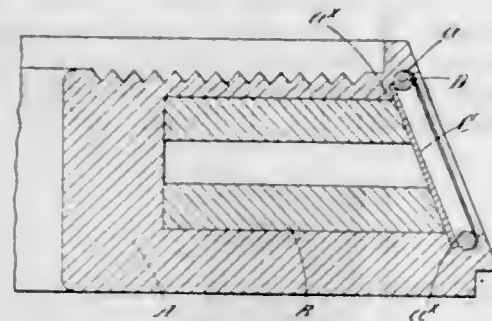
1. In a device of the class described, the combination with a hand-bag having hinged frame members, of frictional engaging means borne by one of said frame members, a resilient metallic clasp member consisting of a U-shaped stamping having one section thereof adapted for hinged attachment to the lower edge of the frame member

opposite the member to be clasped and adaptable for swinging movement in a plane at right angles to that of said frame members, the free section of said clasp being adapted to engage said frictional engaging means carried



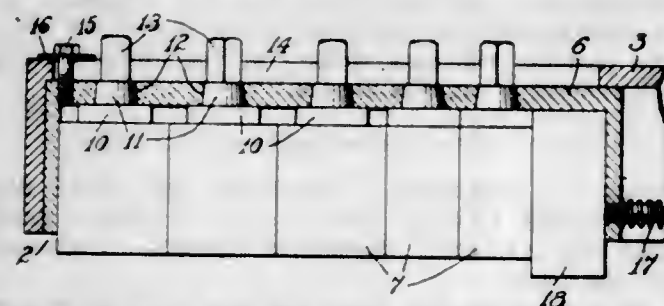
by the frame member opposite that to which said clasp is hinged, and a flexible tab attached by its upper edge secured to that frame member intended for clamping by said clasp and adapted for releasing said U-shaped stamping from its clamping position.

1,642,837. TIME FUSE FOR PROJECTILES. OLIVER BODEN, Birmingham, England, assignor to Vickers Limited, Westminster, England, a British Company. Filed Apr. 30, 1926, Serial No. 105,656, and in Great Britain May 28, 1925. 3 Claims. (Cl. 102-36.)



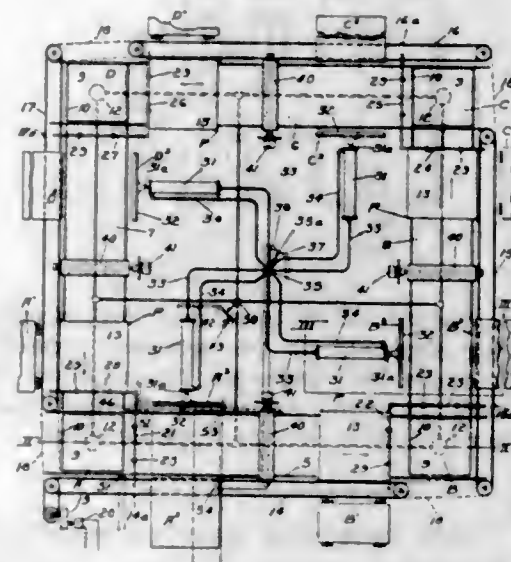
1. In a time fuse for projectiles, the combination of a time ring carrying the powder or fuse composition, said time ring having an escape hole for the products of combustion, a powder pellet appertaining to said composition, a metal patch closing said hole and a retaining member which, whilst permitting said patch to be blown out by the gases generated by the burning of said powder pellet, prevents said patch and said powder pellet from being flung out by centrifugal force.

1,642,838. SAW GUIDE. JOSEPH W. CAUSEY, Electric Mills, Miss. Filed Feb. 16, 1927. Serial No. 168,542. 2 Claims. (Cl. 143-160.)



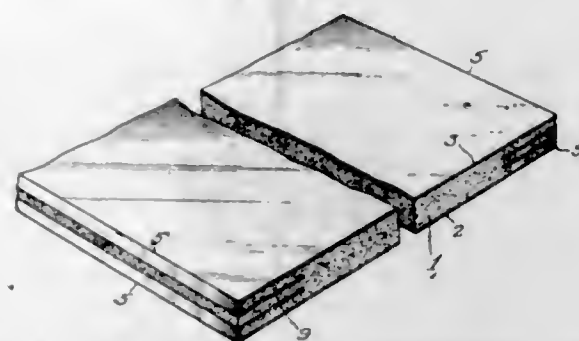
1. A top guide for band saws comprising a housing, a guide block holder slidably mounted in said housing, a plurality of individually adjustable guide blocks mounted in said holder and a guide block at one end of said holder arranged for engagement with the back of the band saw.

1,642,839. GLASS-CUTTING MACHINE. THOMAS H. CHADWICK, Pittsburgh, Pa. Filed Aug. 11, 1925. Serial No. 49,639. 13 Claims. (Cl. 33-32.)



1. Apparatus for cutting glass including a pair of cutting stands, a glass support movable successively beneath the stands, and means for turning the direction of travel of the glass support ninety degrees between the first and second cutting stands.

1,642,840. PLASTER BOARD. SIDNEY C. CLARK, Port Clinton, Ohio, assignor to American Gypsum Company, Port Clinton, Ohio, a Corporation of Ohio. Filed Jan. 6, 1922. Serial No. 527,324. 1 Claim. (Cl. 154-45.9.)

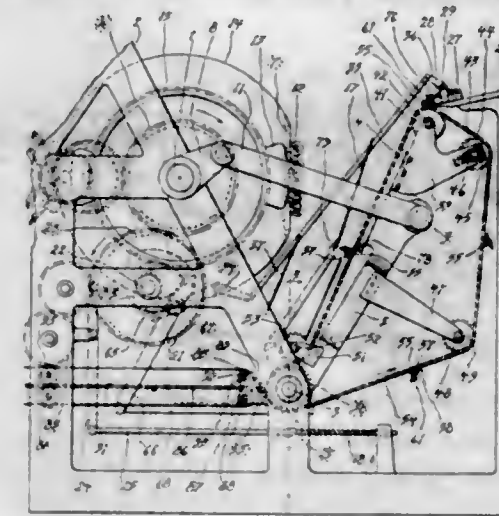


A plaster board comprising a plaster body having covering sheets adhering to the opposite faces thereof, and folded over the junctions of the side edges and faces thereof, and folded again into and embedded in the plaster body in spaced relation so as to expose a portion thereof along the side edges of said plaster board.

1,642,841. PLATEN PRINTING PRESS. CHARLES H. COCHRANE, Chicago, Ill. Filed Jan. 9, 1925. Serial No. 1,400. 12 Claims. (Cl. 101-287.)

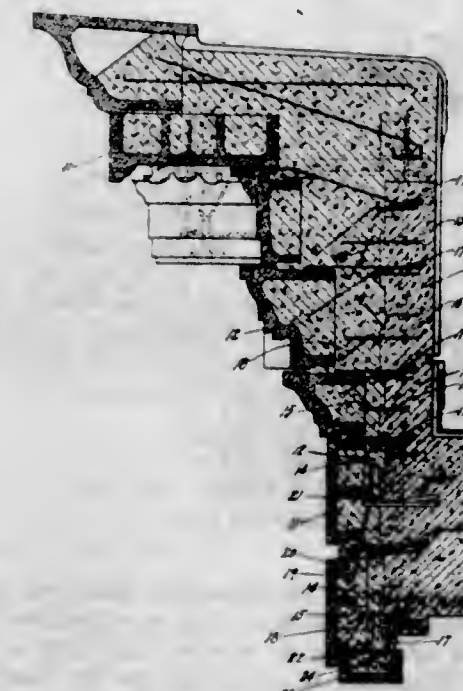
1. In an oscillating platen printing press having the platen thereof mounted for pivotal movement on a horizontal axis disposed below the same the combination of sheet carrying means carried with the platen, means operated by and in timed relation with the press mechanism for operating said sheet carrying means intermittently in one direction in a closed path about the platen and downwardly over the face thereof for conveying successively sheets downwardly to the platen for printing and

after printing downwardly from the platen for discharge, means for feeding successively sheets in registry to said carrying means above the platen for conveyance of the



sheets to the platen, and means for conveying the printed sheets from said carrying means below the platen for delivery.

1,642,842. SUPPORT AND BACKING FOR TERRA COTTA OR OTHER FACING BLOCKS. FREDERICK C. DAVIS, San Francisco, Calif. Filed Sept. 24, 1923. Serial No. 664,360. 3 Claims. (Cl. 72-19.)

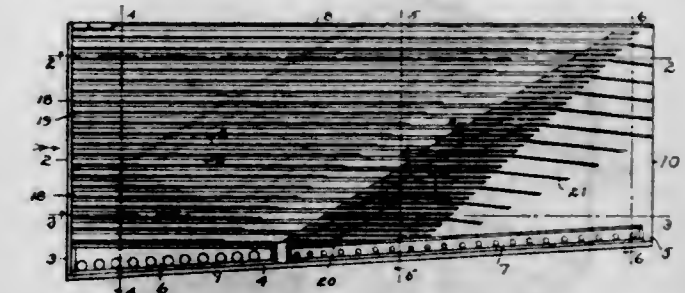


1. In a building construction of the class described, a concrete wall having grooves on the face thereof, a plurality of anchoring members embedded in said wall and having portions projecting beyond the face thereof, facing blocks carried by said anchoring members in spaced relation to the concrete wall face, concrete grout between the facing block and concrete wall to engage the facing blocks and the grooves on the face of the concrete wall, and means for attaching the anchoring means to the said facing blocks.

1,642,843. CONCENTRATING TABLE. WILLIAM F. DEISTER and EMIL DEISTER, Fort Wayne, Ind., assignors to Delster Machine Company, Fort Wayne, Ind., a Corporation of Indiana. Filed Sept. 22, 1924. Serial No. 738,966. 8 Claims. (Cl. 209-441.)

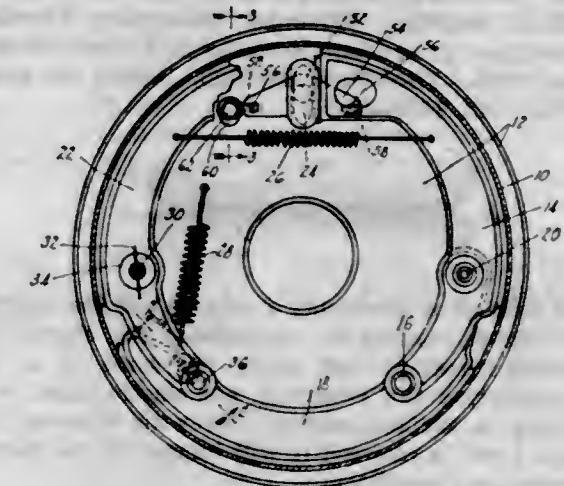
1. In a concentrating table, a deck having upon its concentrating surface a roughing section and a finishing section, transversely tapered riffles on the roughing sec-

tion and tapering longitudinally in their forward portions, cap riffles secured to the tops of the transversely tapered riffles adjacent the high sides thereof, shallow riffles on the finishing section adjacent the concentrates discharge



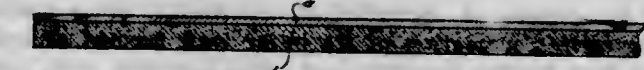
end of the deck and shallow riffles on the latter section between the forward ends of the transversely tapered riffles and the rear ends of the first named shallow riffles and being greater in number than the said transversely tapered riffles.

1,642,844. BRAKE. ADIEL Y. DODGE and EUGENE G. McDONALD, South Bend, Ind., assignors to Bendix Brake Company, Chicago, Ill., a Corporation of Illinois. Filed Jan. 8, 1926. Serial No. 79,946. 20 Claims. (Cl. 188-78.)



1. A brake comprising, in combination, shoes, a support, a joint member connecting the shoes, and a stop carried by the support and grooved to interengage with one end of the joint member to position the shoes laterally and also when the brake is not applied.

1,642,845. ARTICLE OF MANUFACTURE SUITABLE FOR FLOOR COVERING. HAROLD HILL DUKE, Rockdale, Sydney, New South Wales, Australia. Filed Dec. 6, 1923. Serial No. 679,036. 2 Claims. (Cl. 154-49.)

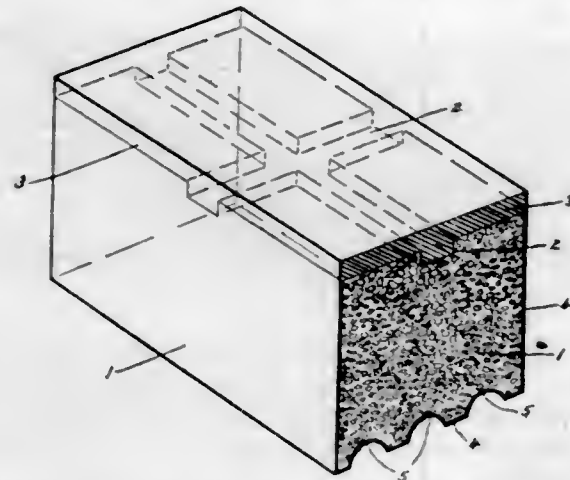


1. An article of manufacture suitable for floor covering comprising a layer consisting of approximately four parts of granulated cork, one part of rubber, and vulcanizing ingredients according to the hardness required, and a second layer consisting of soft rubber with vulcanizing ingredients and coloring matter, said layers being vulcanized together under pressure.

1,642,846. ROAD-PAVING BLOCK. HAROLD HILL DUKE, Rockdale, Sydney, New South Wales, Australia, assignor of one-half to Joseph Harris, Brightonle Sands, New South Wales, Australia. Filed Feb. 4, 1924. Serial No. 690,670. Renewed Mar. 28, 1927. 1 Claim. (Cl. 94-15.)

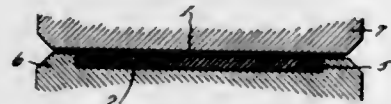
A paving block which comprises a mixture of approximately three parts of granular cork, one part of rubber,

and vulcanizing ingredients, vulcanized together under pressure into a compact and tough mass, keyways in the tread surface of the block, a relatively thick layer of



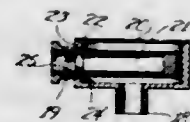
rubber vulcanized to the tread surface of the block, and a relatively thin layer of rubber vulcanized to each of the other surfaces of the block.

1,642,847. RESILIENT MATERIAL FOR SOLING AND HEELING SHOES. CHARLES EMANUELE, Cleveland, Ohio, assignor of one-half to Frank J. Delbel, Cleveland Heights, Ohio. Filed Nov. 11, 1925. Serial No. 68,315. 2 Claims. (Cl. 154-40.)



2. The method of producing a material of the character set forth which consists in compressing the elastic layer in a lateral direction and while the same is so compressed cementing the relatively non-elastic layer to the elastic layer in surface contact therewith whereby when the elastic layer is released it will impart to the material a concavo-convex condition.

1,642,848. INDICATOR FOR LOW LIQUID LEVELS. FREDERICK G. FOLBERTH and WILLIAM M. FOLBERTH, Cleveland, Ohio. Filed Apr. 7, 1922. Serial No. 550,428. 8 Claims. (Cl. 116-109.)

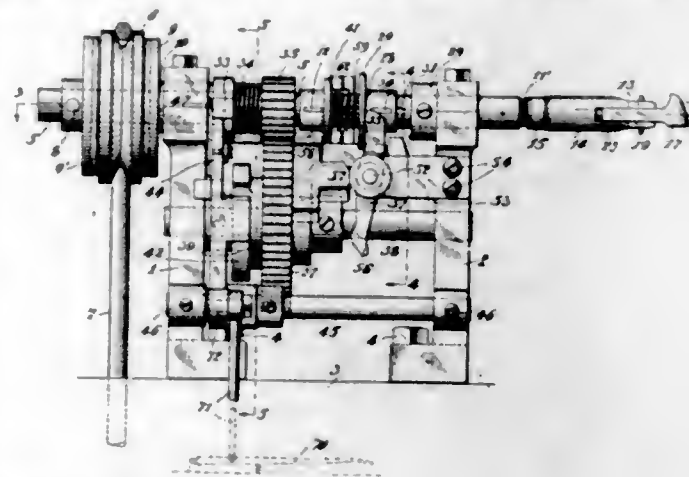


7. An article of manufacture consisting of a hollow casing having a portion of its outer wall formed of relatively thin flexible material and being provided with inlet and outlet ports, there being a sound emitting device located wholly within the casing and consisting of a tubular member closed at one end and connected at its other end with one of the said ports, there being a perforation through the wall of the tubular member on the side thereof adjacent the other of said ports.

1,642,849. TOOL FOR TWISTING WIRE TIES. HENRY B. FOULDER, Glenbrook, Conn., assignor to J. P. Curry Mfg. Co., Inc., Stamford, Conn., a Corporation of New York. Filed Oct. 22, 1923. Serial No. 669,900. 6 Claims. (Cl. 140-93.)

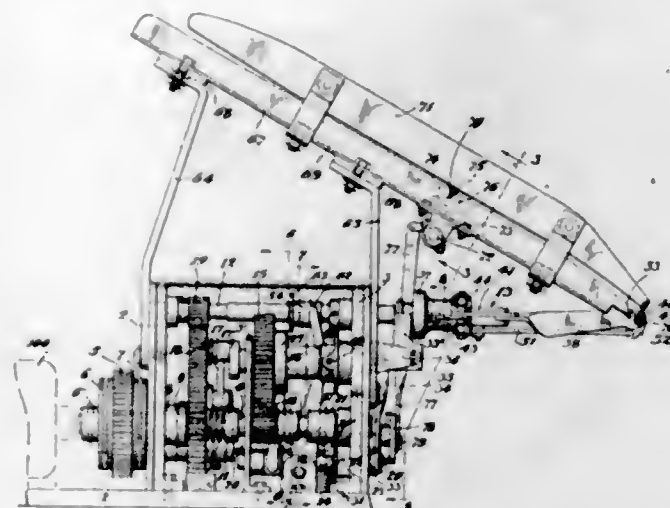
1. In an apparatus of the character described, a rotatable head adapted to hold a wire tie for twisting, actuating means for rotating said head to twist a tie held thereby, clutch mechanism, means operable from said

head for throwing in said clutch mechanism to cause rotation of said head by said actuating means, means for automatically throwing out said clutch mechanism when said head has rotated a certain extent to stop rotation



of said head by said actuating means, and automatically actuated means adapted to release a tie from said head after said tie has been twisted by the rotation of said head.

1,642,850. MACHINE FOR TYING WIRE TIES. HENRY B. FOULDER, Glenbrook, Conn., assignor to J. P. Curry Mfg. Co., Inc., Stamford, Conn., a Corporation of New York. Filed July 11, 1924. Serial No. 725,379. 34 Claims. (Cl. 140-93.)

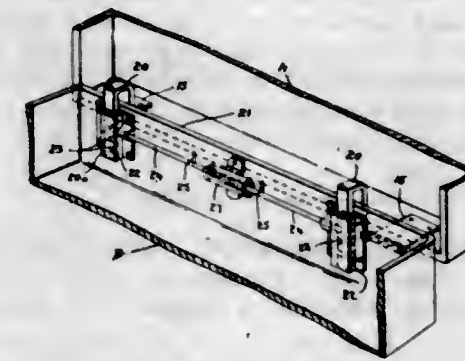


1. In an apparatus of the character described, in combination, a magazine for wire ties, a rotatable spindle having a head adjustable to receive and hold a tie for twisting and adjustable to discharge the tie, means normally maintaining the head adjusted to receive and hold a tie, a device for feeding ties singly and successively from said magazine into engagement with said head, and means for actuating the tie feeding device to deliver a tie into engagement with the head and for rotating said spindle to twist a tie held by the head and for then adjusting the head momentarily to discharge the tie.

1,642,851. SUITCASE, ATTACHÉ CASE, AND THE LIKE. FREDERICK CECIL GADSBY, Sydney, New South Wales, Australia. Filed Dec. 6, 1923. Serial No. 679,033. 2 Claims. (Cl. 190-22.)

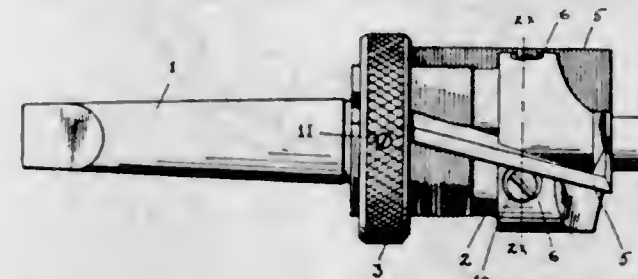
1. A suit case, attaché case or other like container consisting of a body member, a lid therefor, and means for varying the capacity of the container comprising a pair of hinge pivots on the lid attached to inverted U-shaped straps passing over the back of the body member and formed in the shape of a rack adapted to slide within corresponding adjacent casings attached to the interior of the bag body, locking bolts in said casings and adapted

to engage the teeth of said racks and a spring controlled bolt release device situated centrally between said casings and adapted upon operation to withdraw simultane-



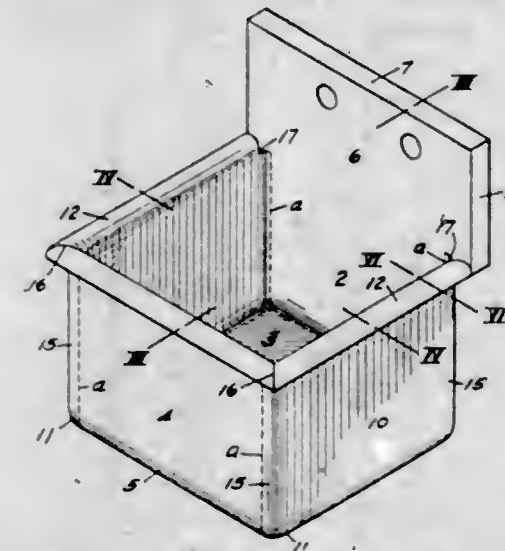
ously the locking bolts in said casings, and means for fastening the front of the lid in a position corresponding to the position of the hinge pivots.

1,642,852. ADJUSTABLE LOCKING MEANS FOR LOCKING CUTTING TOOLS INTO TOOL HOLDERS. ALEXANDER L. GEITNER, Rochester, N. Y. Filed June 1, 1926. Serial No. 112,740. 5 Claims. (Cl. 29-105.)



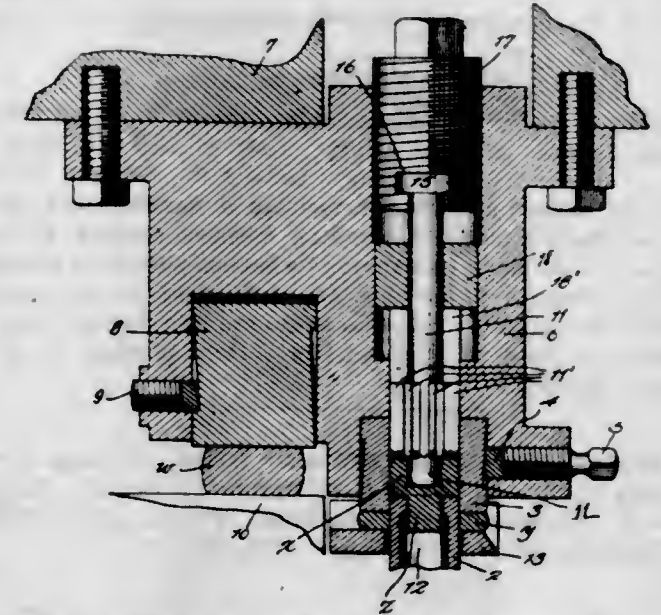
1. In a tool holder, the combination of a tool body, a groove provided in said tool body, a cutting tool located in said groove, a pocket adjacent to said groove, an eccentric washer mounted eccentrically in said pocket, said eccentric washer projecting into said groove from said pocket and engaging said cutting tool and means for clamping said eccentric washer against said cutting tool and locking said cutting tool into said groove.

1,642,853. SHEET-METAL SINK CONSTRUCTION. JOHN EDWARD GLOEKLER, Pittsburgh, Pa. Filed Dec. 10, 1926. Serial No. 153,819. 7 Claims. (Cl. 4-187.)



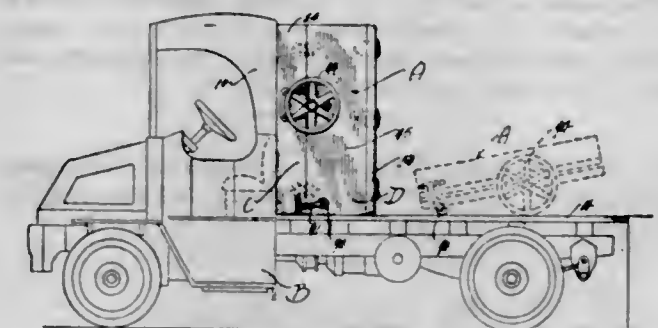
1. In the construction of sheet metal sinks and the like, a continuous blank forming a back, bottom and front wall, cut out at the back for abutting connection with the side walls, and side walls having inwardly turned edges and outwardly turned rims welded thereto.

1,642,854. METHOD OF MAKING CASTLE NUTS. JOHN F. GOLDING, Philadelphia, Pa. Filed Apr. 24, 1926. Serial No. 104,478. 2 Claims. (Cl. 10-86.)



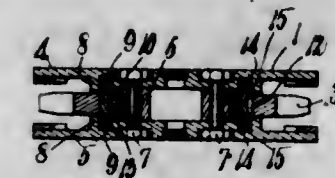
1. The method of making castle nut blanks which consists in heating the metal to make it sufficiently soft to cut smoothly, and then cutting the metal along all of the vertical sides of the blank to be produced and, when such cutting is more or less completed and the metal is confined by said cutting means, perforating the blank and depressing the crown of the blank at intervals and forming the castellations of the blank.

1,642,855. ARMAMENT. ERNEST A. GROSS, Lamolite, Minn. Filed Apr. 1, 1926. Serial No. 99,151. 14 Claims. (Cl. 89-36.)



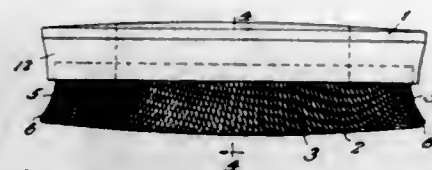
6. In armament the combination with a vehicle including an upstanding supporting wall having eye bolts thereon, a bullet-proof cabinet having a guard compartment therein, and means formed with the bullet-proof cabinet for connection to said eye bolts to hold the cabinet against said supporting wall.

1,642,856. SPROCKET. MORRIS P. HOLMES, Claremont, N. H., assignor to Sullivan Machinery Company, a Corporation of Massachusetts. Filed Mar. 8, 1924. Serial No. 697,940. 13 Claims. (Cl. 308-187.)



1. In combination, a support providing an annular groove, a rotatable member having an annular flange rotatably received in said groove, and ring means moving with said rotatable member resiliently engaging a lateral wall of said groove.

1,642,857. ABRADING BRUSH. LEO HOLTSCHNEIDER, Phoenix, Ariz. Filed Nov. 28, 1924. Serial No. 752,620. 13 Claims. (Cl. 15-236.)



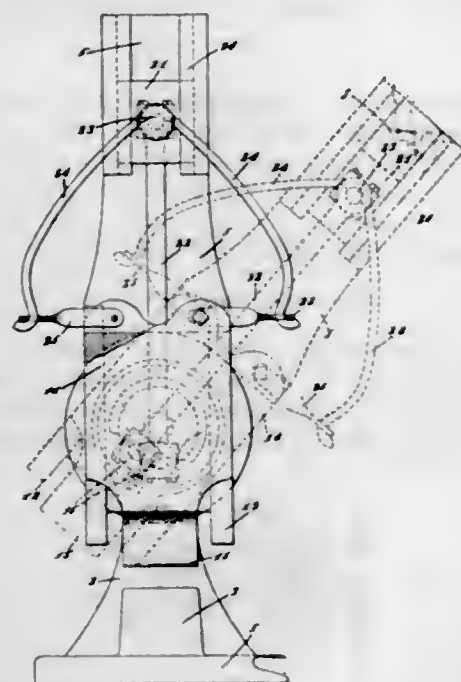
1. An abrading device comprising a handle block and a foraminated metallic abrading member secured by its edges to said block and having its bottom portion in spaced relation thereto to provide an open space at the inner side of the abrading member, said abrading member being sufficiently rigid to maintain its bottom portion in said spaced relation.

1,642,858. SEMISOFT COLLAR. RALPH HUNTER, New York, N. Y., assignor to Hall, Hartwell & Co., Inc., Troy, N. Y., a Corporation of New York. Filed Aug. 10, 1925. Serial No. 49,251. 7 Claims. (Cl. 2-131.)



6. As a new article of manufacture, a collar having a flap including two outside plies and an intermediate ply superimposed flatly one upon another throughout substantially the extent of the body of the flap, the intermediate ply having a relatively smaller coefficient of shrinkage than the outer plies, said flap member being laundered and thereby having the outer plies shrunk on the intermediate ply by unitary shrinkage of the flap, whereby the outside plies are in intimate contact with the intermediate ply throughout substantially the extent of the flap.

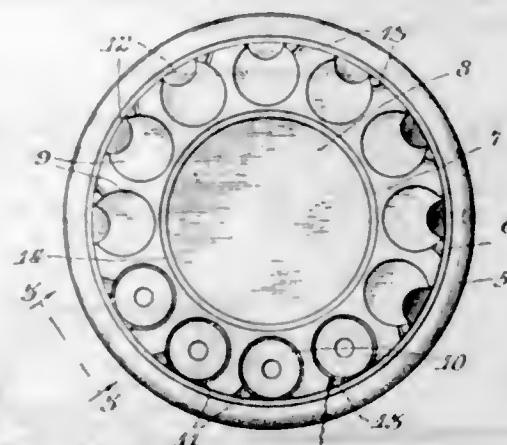
1,642,859. POWER HAMMER. WILLIAM KIRCHNER, Sparta, Wis. Filed May 12, 1924. Serial No. 712,776. 1 Claim. (Cl. 78-13.)



In a power hammer the combination with a supporting structure, an anvil fixed relative thereto, an arm mounted to swing relative to the structure, and a crank mounted

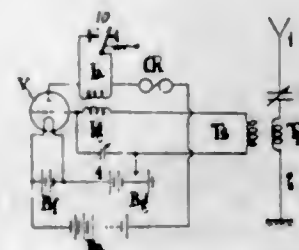
for rotation relative to the supporting structure, said arm being mounted to swing about the axis of rotation of the crank, of a hammer head mounted for reciprocation on the arm, the axis of rotation of the crank extending at all times substantially through the center of mass of the head when the head is in any position, a block mounted for reciprocation upon one end portion of the arm, means operated by the crank for reciprocating the block, and resilient driving connections between the block and the hammer head.

1,642,860. COMBINATION SPOOL AND PINCUSHION HOLDER. FRED LAFIN, Chicago, Ill. Filed Sept. 18, 1926. Serial No. 136,346. 3 Claims. (Cl. 242-139.)



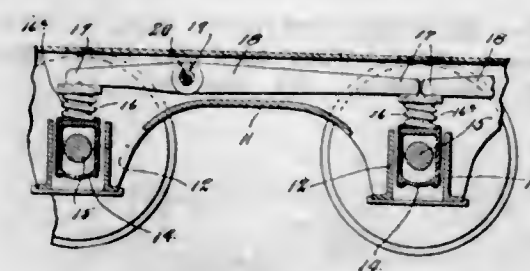
1. A spool holder comprising a base portion, a circular vertical wall marginally formed on the base to leave a central storage space, a series of circular vertical spool pockets formed in the wall, each pocket being formed with an exterior slot to provide a slight opening, and a cut out portion at the bottom of each pocket to provide a finger entrance for ejecting spools.

1,642,861. ELECTRIC RELAY. LAURENCE BEDDOME TURNER, Cambridge, England, assignor, by mesne assignments, to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Feb. 13, 1919, Serial No. 276,856, and in Great Britain Feb. 16, 1918. Renewed July 5, 1923. 18 Claims. (Cl. 250-8.)



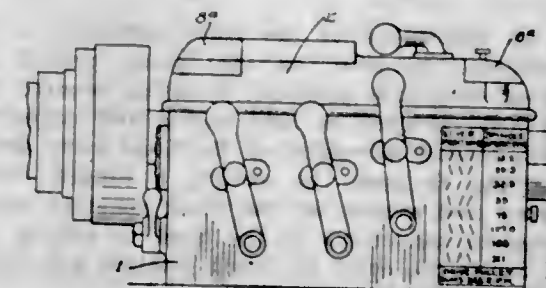
12. The method of receiving and amplifying signals transmitted from a distance which comprises impressing varying potential representing the incoming signals to be amplified upon a feedback system adjusted near the point of oscillation; and simultaneously periodically varying the amount of feedback with respect to the damping.

1,642,862. CAR TRUCK. CHARLES T. WESTLAKE, St. Louis, Mo., assignor to Commonwealth Steel Company, St. Louis, Mo., a Corporation of New Jersey. Filed Mar. 28, 1925. Serial No. 19,128. 5 Claims. (Cl. 105-195.)



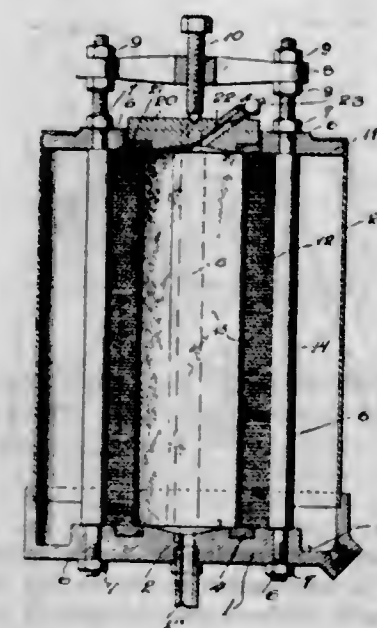
1. In a railway truck, a wheel piece, an equalizer bar, a removable member in said wheel piece and engaging said equalizer bar for permitting the pivotal movement thereof both in vertical and horizontal planes extending transversely of the truck.

1,642,863. HEADSTOCK FOR LATHES. WENDELL E. WHIPP, Sidney, Ohio, assignor to The Monarch Machine Tool Company, Sidney, Ohio, a Corporation of Ohio. Original application filed Oct. 27, 1924, Serial No. 746,005. Divided and this application filed Apr. 6, 1925. Serial No. 20,989. 3 Claims. (Cl. 76-56.)



2. A head stock for lathes, comprising a casing, a spindle therein, means for driving the spindle provided within the casing, a cover plate for the casing, and removable portions within said cover plate over the bearings.

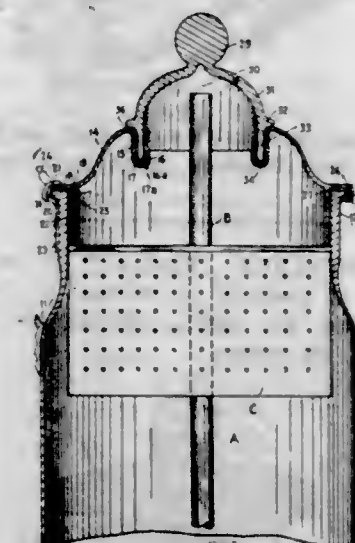
1,642,864. FILTER. JOHN N. S. WILLIAMS, Honolulu, Territory of Hawaii. Filed Aug. 11, 1925. Serial No. 49,624. 3 Claims. (Cl. 210-183.)



1. A pressure filter comprising an enclosing casing having a central inlet and a lateral outlet, a hollow column of stacked thin rings centrally disposed in said

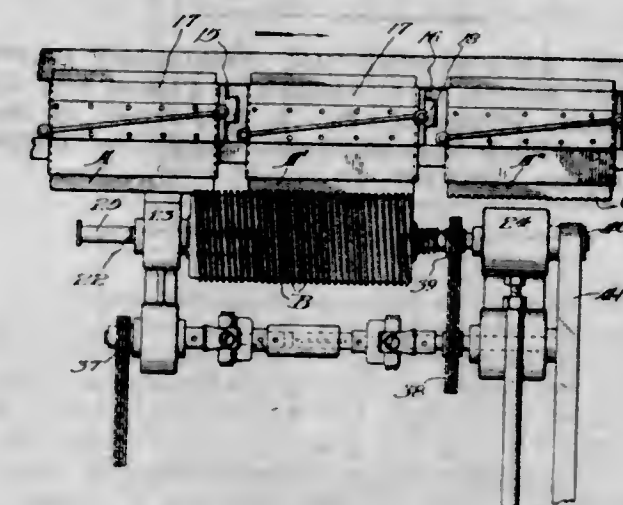
casing and having multiple passageways therethrough, a flexible filtering screen capable of expansion under pressure engaging the interior of the hollow column, a filtering fabric secured to the inner face of said screen, and packing rings disposed between the top and bottom of the casing and the ends of the column and screen.

1,642,865. COFFEE PERCOLATOR. GUSTAV ZEBRAT, South Pasadena, Calif. Filed Apr. 9, 1927. Serial No. 182,397. 9 Claims. (Cl. 53-3.)



1. A coffee percolator consisting of a vessel, a lid hingedly carried by said vessel, a cap movably mounted upon said lid, a trough in which said cap is seated, and means whereby said lid engages said vessel with a fluid tight action.

1,642,866. BOOK BINDING AND COVERING MACHINE. RAYMOND E. ACKLEY, Chicago, Ill., assignor to R. R. Donnelley and Sons Company, Chicago, Ill., a Corporation of Illinois. Filed Mar. 21, 1927. Serial No. 177,132. 13 Claims. (Cl. 144-133.)

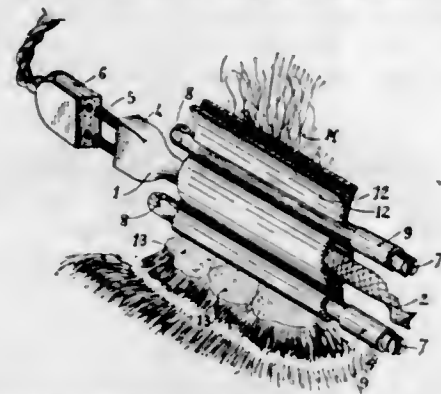


1. In a book binding machine, a continuous traveling belt having means to grip unbound books at intervals and hold them with their back edges in alignment, and transverse cutting means traveling at the same speed as the book for cutting a series of notches in the back edges of said book as it advances.

1,642,867. APPARATUS FOR PERMANENT UNDULATION. GEORGE EDWARDS BJÖRKMAN, Paris, France. Filed Dec. 11, 1926, Serial No. 154,137, and in France Nov. 16, 1926. 4 Claims. (Cl. 132-32.)

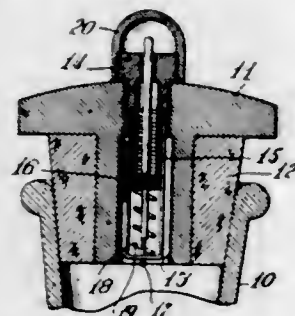
1. In an apparatus for permanent undulation with aid of electricity, a metallic rod, an electric resistance therein, layers of gauze on said rod, plates of soft material to

receive the hair-lock between them and the gauze, one pair of pincers to receive the free ends of said plates in order to fasten them, and another pair of pincers to



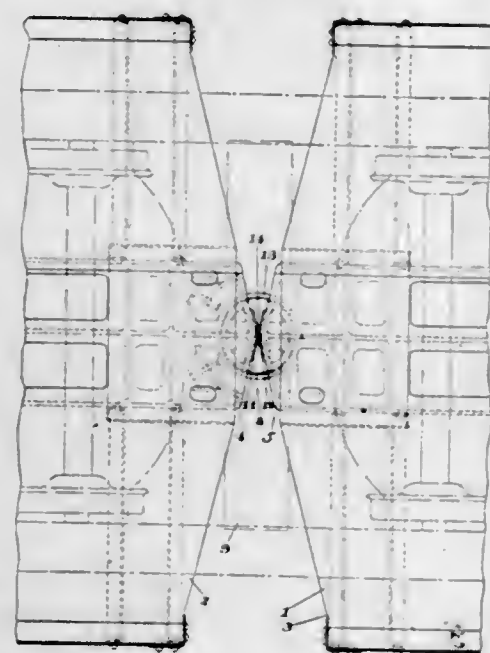
press their other extremities against each other after placing of the lock between them and the rod, around of the latter.

1,642,868. CONTAINER. PHILIP C. P. BOOTY, Chicago, Ill., assignor of one-half to Michael T. Daley, Chicago, Ill. Filed Jan. 31, 1927. Serial No. 164,749. 11 Claims. (Cl. 221-14.)



1. A closure member for the opening into a container, comprising a substantially cylindrical coil mounted in said opening and having a plurality of plies in alignment with each other longitudinally of the coil serving by contact with each other along the coil to close said opening, and means for spreading said plies slightly out of operative contact with each other.

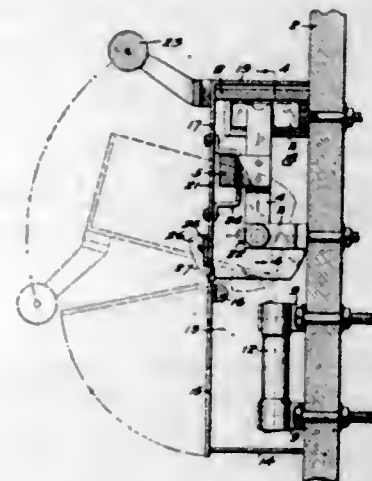
1,642,869. ARTICULATED CAR. FRANCIS MCF. BRINCKERHOFF, Suffern, N. Y., assignor to Pressed Steel Car Company, Pittsburgh, Pa., a Corporation of New Jersey. Filed Mar. 21, 1927. Serial No. 176,864. 25 Claims. (Cl. 105-4.)



1. In an articulated car comprising a plurality of car bodies, a truck for carrying the adjacent ends of two of said bodies, a body bearing member for each of said ends,

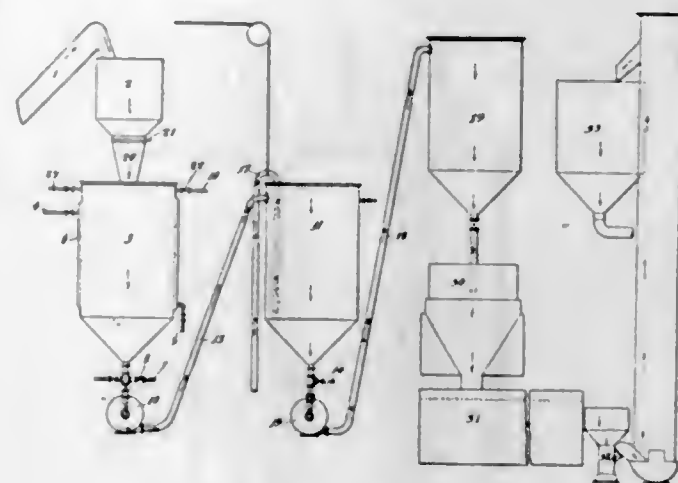
and a single truck bearing member adapted to be engaged by both of said body bearing members, said bearing members having bearing surfaces adapted to cooperate to tend to draw said ends together at all times.

1,642,870. ELECTRIC SWITCH. PAUL C. BUTTE, San Francisco, Calif. Filed Mar. 31, 1925. Serial No. 19,621. 10 Claims. (Cl. 200-50.)



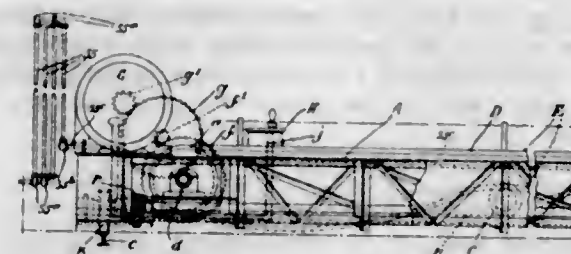
3. In an apparatus of the class described, a panel, switch contacts mounted on said panel, switch blades cooperating with said contacts, a casing secured to the panel, a hood pivoted on said casing and connected to the switch blades, movement of the hood away from the panel serving to open the switch, a hinged cover on said casing and means on the hood coacting with the cover whereby movement of the hood to switch closing position moves the cover to closed position and locks the cover in such position.

1,642,871. CLARIFYING AND DECOLORIZING AGENT AND PROCESS FOR MAKING THE SAME. MARVIN L. CHAPPELL, RICHARD F. DAVIS, and MERLE M. MOORE, El Segundo, Calif., assignors, by mesne assignments, to Contact Filtration Company, San Francisco, Calif., a Corporation of Delaware. Filed Aug. 1, 1921. Serial No. 488,952. 15 Claims. (Cl. 252-2.)



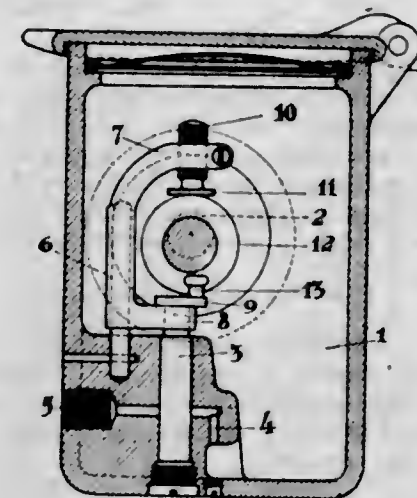
1. A process of preparing a clarifying or decolorizing agent which includes agitating a clay of the montmorillonite type, with water until the clay is in a plastic or silty condition and treating the clay with an acid and thereby extracting a part of the clay and converting the non-extracted clay into the necessary state or structure to produce an active clarifying or decolorizing agent.

1,642,872. MANUFACTURE OF BUTT AND LAP WELDED TUBES. DOUGLAS WHIMSTER CHISHOLM, Glasgow, Scotland, assignor to The Birchfield Engineering Company Limited, Cardiff, Wales. Filed Apr. 29, 1926, Serial No. 105,406, and in Great Britain Feb. 2, 1926. 19 Claims. (Cl. 78-87.)



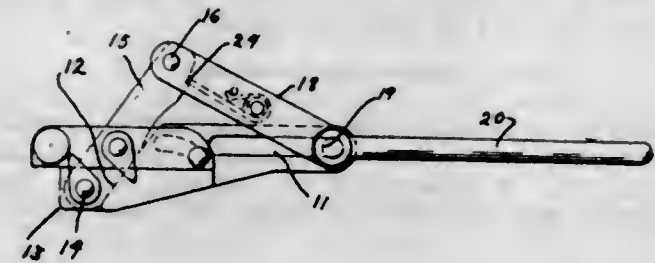
7. Tube welding machinery comprising superposed closing rolls, means for rotating the said rolls, a divided welding die composed of separate upper and lower members, means whereby the upper closing roll and the upper of the said members can be raised or lowered simultaneously out of or into operative relationship with the lower closing roll and the lower of the said members respectively, a mandrel adapted to bear on the interior of the edges of the skelped strip before said strip enters the closing rolls, a pivoted member carrying the said mandrel, a guide adapted to support the exterior of the edges of the strip at the same time as the interior of the edges thereof is being acted on by the mandrel, means for supplying a welding gas to the pocket formed between the outer surface of the mandrel, the inner surface of the guide, and the contiguous edges of the strip, and yielding means adapted to press on the interior of the edges of the skelped strip as said strip is passing through the closing rolls.

1,642,873. FORCED-LUBRICATION APPARATUS. CARL HERMAN CLAUSEN, Solvesborg, Sweden, assignor to Patentaktiebolaget Centralismörjning, Solvesborg, Sweden, a Corporation of Sweden. Filed Mar. 13, 1925. Serial No. 15,409, and in Sweden July 3, 1924. 3 Claims. (Cl. 184-32.)



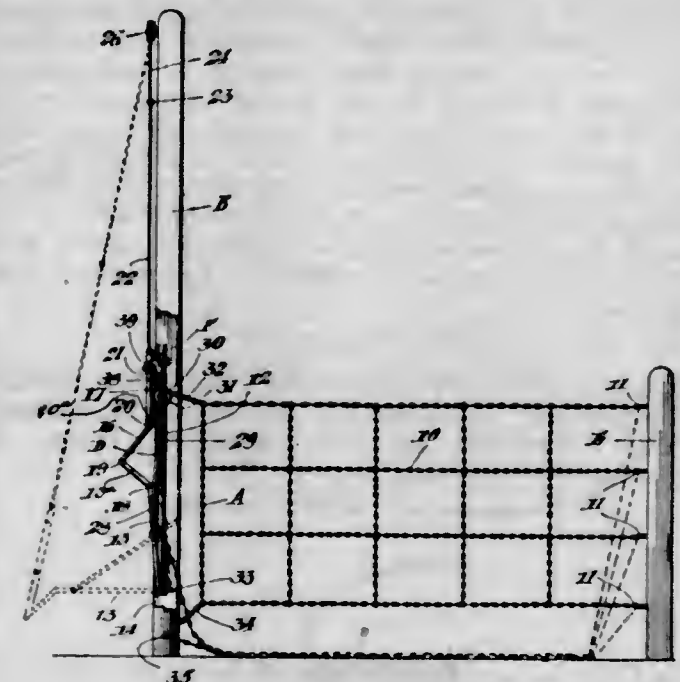
1. A driving device for forced lubrication apparatus comprising a pump with a pump piston, a driving shaft, a cylinder mounted eccentrically thereon and formed with an endless groove in part in a plane at right angles to the axis of the shaft and in part in a plane oblique to said axis, a strap partly surrounding the cylinder, one end of the strap cooperating with the pump piston to rotatably carry the latter, a crank carried by the pump piston beyond the strap with the crank pin engaging in said groove in the cylinder, and means for guiding the strap against other than a reciprocating movement in a line substantially parallel to the movement of the pump piston.

1,642,874. COME-ALONG SAFETY GUARD. CHESTER C. COON, Fresno, Calif. Filed Feb. 11, 1926. Serial No. 87,502. 3 Claims. (Cl. 24-184.)



1. In a wire puller, a pair of parallel gripping jaws, a link pivoted to both of said jaws and adapted to move said jaws into gripping and releasing position, a pair of guards fixed to said links adjacent said jaws, said guards being constructed and arranged to move into operative position when said jaws are moved into gripping position.

1,642,875. GATE. JOHN SURDAN FITCH and JAMES FRANCIS TOBIN, Evarts, Alberta, Canada. Filed June 15, 1925, Serial No. 37,282, and in Canada June 8, 1925. 9 Claims. (Cl. 39-6.)



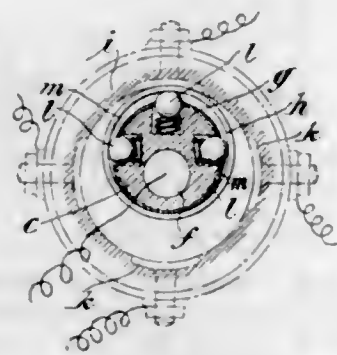
1. The combination with a gate and flexible means for anchoring said gate, of means for operating the gate, comprising posts formed with guideways, an arm pivotedly supported between said posts, an operating rod, a pivotally mounted link provided with engaging means and pivotally connecting the operating rod with said arm, an inverted U-shaped member pivotally mounted on the arm, a sheave in said member and rollers carried by the member adapted to engage with the aforementioned guideways, a pivotally mounted combined trip and locking member adapted at one end to engage with the U-shaped member and adapted at the opposite end to engage and disengage with the engaging means on said link whereby, on the operating rod being moved the combined trip and locking member is disengaged to permit the gate to open.

5. In a gate of flexible material, a lead member of flexible material secured at one end to the top of the gate and anchored at the other end contiguous to the bottom of the gate, a movable pulley intermediate of the gate top and the anchoring point of the lead member for the latter to travel over.

9. In a device of the character described, the combination with a gate having a lead of flexible material at

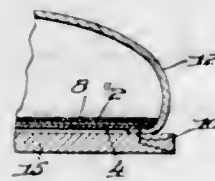
tached thereto and adapted to be anchored at its loose end and a pulley intermediate of both ends for the flexible member to travel over, and lever mechanism supporting the pulley and adapted to be operated to move the pulley to tighten and automatically slacken the flexible member whereby the gate is closed or opened.

1,642,876. DISTRIBUTOR FOR INTERNAL-COMBUSTION ENGINES. ALFRED HAMMOND, Botley, England. Filed Mar. 8, 1924. Serial No. 697,806, and in Great Britain May 11, 1923. 1 Claim. (Cl. 200—26.)



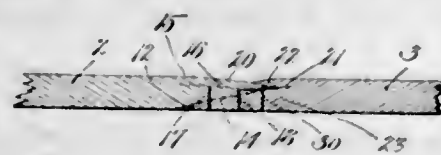
In a distributor, a shaft, a member fixed eccentrically to said shaft and having a plurality of spaced peripheral sockets, a contact ring loosely surrounding said member, springs in said sockets, balls mounted in said sockets and pushed forwardly by said springs to engage the inside of the contact ring and maintain the same relatively eccentric to the distributor shaft, a shell encircling said contact ring and having a plurality of distributor terminals each including a ball contact positioned to be engaged by said contact ring, and means for holding said ball contacts in operative position in the path of said ring contact.

1,642,877. BOOT AND SHOE AND PREPARED INSOLE THEREFOR. BENJAMIN F. HARTWELL, Winchester, Mass. Filed Feb. 24, 1925. Serial No. 11,121. 2 Claims. (Cl. 36—44.)



1. A McKay insole, comprising a plurality of layers united by adhesive, an intermediate layer being of thin leather, a layer of fabric united with said leather on one surface, and a layer of felt on the opposite surface, together with a waterproof impregnating material carried by the fabric layer.

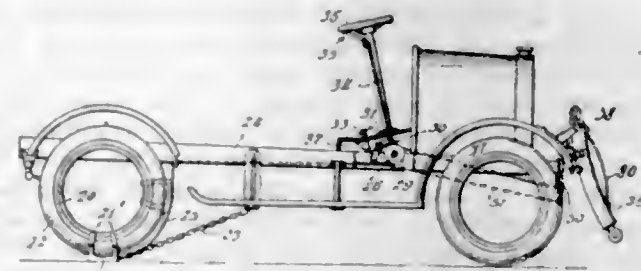
1,642,878. COMPOSITE RUBBER SOLE. BENJAMIN F. HARTWELL, Winchester, Mass. Filed Sept. 14, 1925. Serial No. 56,145. 3 Claims. (Cl. 36—32.)



3. A composite sole, comprising a rubber forepart and a leather shank portion, a beveled face on said leather portion having a projecting lip extending across said

face, a correspondingly beveled face on said rubber portion adapted to engage said beveled face and interengage with said lip, stitching uniting the same in a non-flexing portion of the sole, a flap cut on the outer face of the rubber portion cemented to the rubber portion and protecting said stitching, said flap extending onto the beveled face of the leather portion and stitched thereto, and a flap cut from the leather portion and overlapping and cemented to the leather portion from which it is cut and to the outside of the rubber flap, covering and protecting the edge of the rubber flap and the last said stitching.

1,642,879. VEHICLE FENDER AND BRAKE. BAPTISTE ICHE, New York, N. Y. Filed Feb. 9, 1925. Serial No. 7,780. 9 Claims. (Cl. 180—83.)

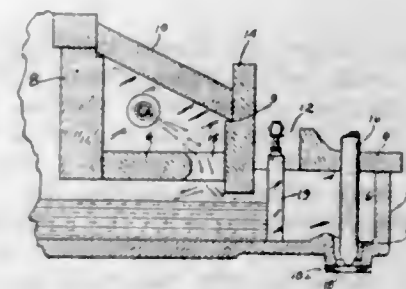


1. In a vehicle, the combination of a fender member located at the front of the vehicle and adapted to be lowered to an active position, a brake arranged at the rear portion of the vehicle, a transverse shaft located at a point forward of the brake and rearward of the fender, drums on said shaft, flexible connections extending forwardly from the brake and rearwardly from said fender member to the respective drums on said shaft, and winding on said drums in opposite directions, and means for latching and releasing said shaft.

1,642,880. MANUFACTURE OF PRECIPITATED ZEOLITES. HEINRICH KRIEGSHEIM, New York, and WILLIAM VAUGHAN, Brooklyn, N. Y., assignors to The Permutt Company, New York, N. Y., a Corporation of Delaware. Filed Aug. 17, 1925. Serial No. 50,846. 3 Claims. (Cl. 23—113.)

2. In the manufacture of precipitated zeolites having a large area of quick acting surface, the process which comprises producing a gel body of normal structure by the action of a solution of sodium aluminate on a solution of sodium silicate, partly drying said body in its original condition, without separating contained water from said body prior to drying, washing and drying.

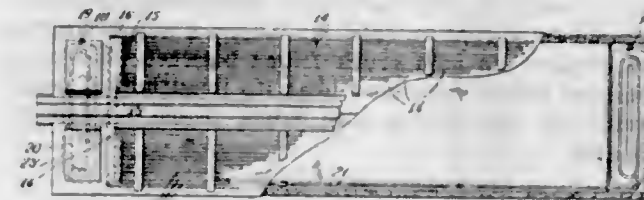
1,642,881. CHANGING GLASS-FEEDER BUSHINGS. JOHN MURL LENTS, Evansville, Ind., assignor to The Owens Bottle Company, Toledo, Ohio, a Corporation of Ohio. Filed Oct. 12, 1925. Serial No. 61,965. 10 Claims. (Cl. 49—55.)



1. The method of temporarily obstructing the flow of molten glass through a channel or passageway at a predetermined point and permitting the glass beyond

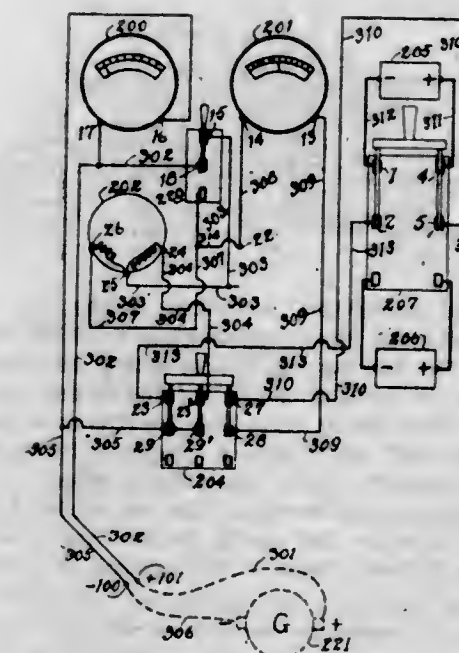
said point to be withdrawn, which comprises placing a mechanical obstruction across the path of the glass at said point, agitating said obstruction to prevent freezing of the obstruction to the walls of the channel, and removing from the channel the glass beyond said obstruction.

1,642,882. REFRIGERATOR CAR. OTTO LUHR, Chicago, Ill. Filed May 10, 1926. Serial No. 107,944. 1 Claim. (Cl. 62—117.)



In a refrigerator car of the class described the combination of a bulk head forming a part of the car, a brine tank located in said bulk head, a central air shaft in said tank, a refrigerator coil arranged in the brine tank, surrounding the air shaft and partially extending outside of the tank, a compressor fastened on the outside of the car, a flexible shaft adapted to drive the compressor, a bracket fastened to one of the trucks of the car and supporting the free end of the flexible shaft, a friction wheel fastened to the end of the shaft adjacent the bracket and in permanent frictional contact with the running gear of the car, said compressor communicating with the outlet end of the refrigerating coil, a condenser located on top of the car and communicating with the compressor, and a liquid receiver arranged adjacent the brine tank and communicating with the intake end of the refrigerating coil and with the condenser.

1,642,883. SWITCHBOARD. ANDREW C. LYEN and CHARLES W. MORGAN, Chicago, Ill. Filed Sept. 27, 1922. Serial No. 590,990. 1 Claim. (Cl. 175—183.)



In combination in a system for testing automotive electrical devices, two storage batteries of approximately equal voltage permanently joined in series, a generator-testing circuit, selective switching means to connect the said two series-coupled batteries to the generator-testing

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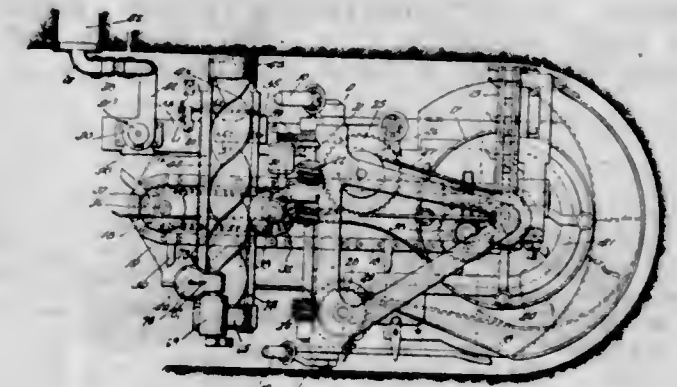
circuit, or either one of the two batteries preferred to the generator-testing circuit, two reverse-current relays operative at different potentials each being provided to perform the usual functions of making and breaking a battery charging circuit, and switching means for including one of the relays in the generator-testing circuit when desired, the said switching means being arranged to insure the inclusion of the relay of operative voltage appropriate to that impressed on the generator-testing circuit.

1,642,884. SOLDERING FLUX. CHARLES J. MEIER, Louisville, Ky. Filed July 9, 1926. Serial No. 121,500. 2 Claims. (Cl. 148—23.)

2. A soldering flux comprising the reaction products of the following materials, in about the quantities named, viz:—

Zinc	240 grs.
Hydrochloric acid (1.2 sp. gr.)	567 grs.
Ammonia water (0.9 sp. gr.)	142 grs.
Ammonium chloride	15 grs.
Bismuth subnitrate	60 grs.
Alcohol	12 c. c.
Spirits of turpentine	2 c. c.

1,642,885. MINING APPARATUS. EDMUND C. MORGAN, New York, N. Y.; Olive Eugenie Morgan executrix of said Edmund C. Morgan, deceased. Filed Oct. 25, 1922. Serial No. 596,747. 22 Claims. (Cl. 262—9.)



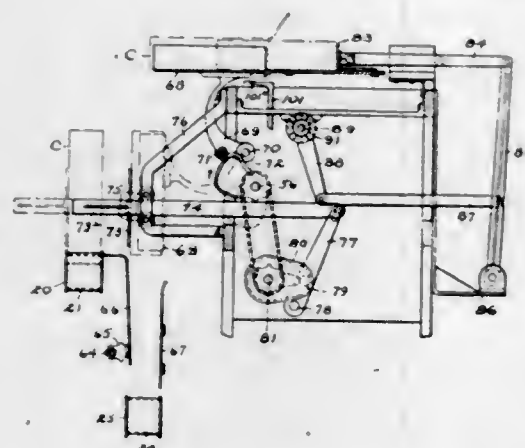
1. The combination with a mining machine, of a blower, means for operating said blower to force air from the mining machine room into the next adjacent room, a boring tool mounted on said mining machine, and means for operating said boring tool to bore a hole through the mine wall into the next adjacent room for connection to the blower thereto when the machine is moved forward to a new position.

1,642,886. REFRACTORY BODY. GEORGE D. MORRIS, New Castle, Pa., assignor to New Castle Refractories Company, New Castle, Pa., a Corporation of Delaware. Filed Dec. 18, 1925. Serial No. 76,275. 4 Claims. (Cl. 25—142.)



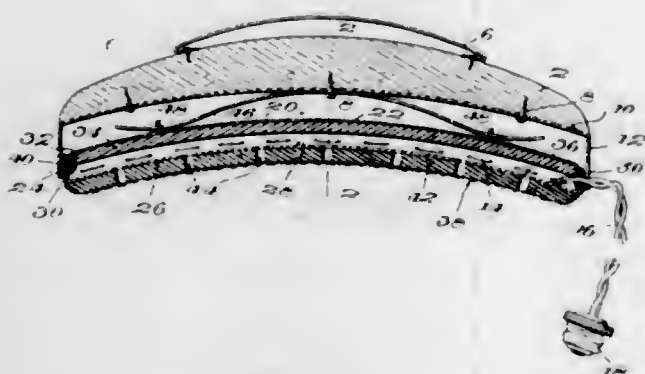
4. A kiln car platform slab comprising a body portion of fire clay and an edge portion of stronger refractory material.

1,642,887. PACKAGING MACHINE. HARVEY MULLEN-DORE, Fort Wayne, Ind., assignor to Perfection Biscuit Company, Fort Wayne, Ind., a Corporation. Filed June 1, 1926. Serial No. 112,764. 5 Claims. (Cl. 226-14.)



1. In a packaging machine the combination of an intermittently driven conveyor adapted to carry the materials to be packed, a carrier adapted to be moved intermittently into the horizontal plane of the conveyor, means to convey an empty container into the carrier, means to eject the materials from the conveyor into the carrier and means to convey the filled container from the carrier.

1,642,888. HAIR-STRAIGHTENING DEVICE. MILTON L. PERRY, Washington, D. C. Filed Sept. 20, 1926. Serial No. 136,563. 5 Claims. (Cl. 132-36.)



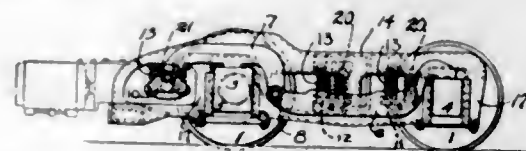
1. A hair treating device comprising a base, a hair-engaging member yieldingly mounted upon said base, and a heating element located within said hair-engaging member.

1,642,889. SHOE HEEL. ANDRÉ PERRUGIA, Paris, France. Filed Jan. 6, 1927. Serial No. 159,396, and in France Jan. 6, 1926. 2 Claims. (Cl. 36-40.)



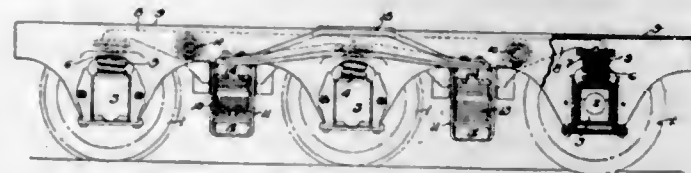
1. A shoe heel comprising a metal cover, a lower substantially vertical wedge disposed inside the lower part of the said cover, an upper substantially horizontal wedge disposed over the first wedge in the cover and cooperating with the latter to prevent relatively forward movement of said upper wedge, and a front projection on the second wedge adapted to support the shoe.

1,642,890. BOOSTER-MOTOR TRUCK. HARRY M. PFLAGER, St. Louis, Mo., assignor to Commonwealth Steel Company, St. Louis, Mo., a Corporation of New Jersey. Filed July 25, 1925. Serial No. 46,088. 20 Claims. (Cl. 105-184.)



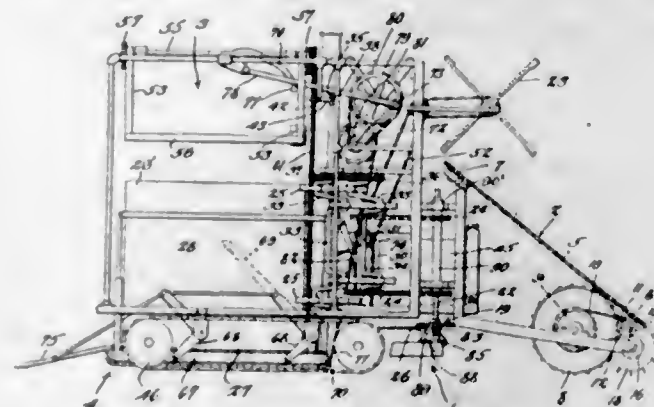
1. In a truck, axles, equalizers supported thereon, a truck frame supported on said equalizers, a superstructure support element on said truck frame between said axles, and a motor frame supported near its longitudinal center of gravity on one end of said truck frame beyond the nearest axle.

1,642,891. CAR TRUCK. HARRY M. PFLAGER, St. Louis, Mo., assignor to Commonwealth Steel Company, Granite City, Ill., a Corporation of New Jersey. Filed July 14, 1926. Serial No. 122,374. 7 Claims. (Cl. 105-195.)



1. In a railway truck, spaced journal boxes, a spring structure on each of said boxes, the spring structure on one of said boxes having a different period of vibration under its load than the spring structure on another of said boxes.

1,642,892. CORN HARVESTER. OTIS W. POWELL, Washington Court House, Ohio, assignor of one-half to Edith Worthington, Washington Court House, Ohio. Filed July 10, 1922. Serial No. 573,834. 9 Claims. (Cl. 56-69.)

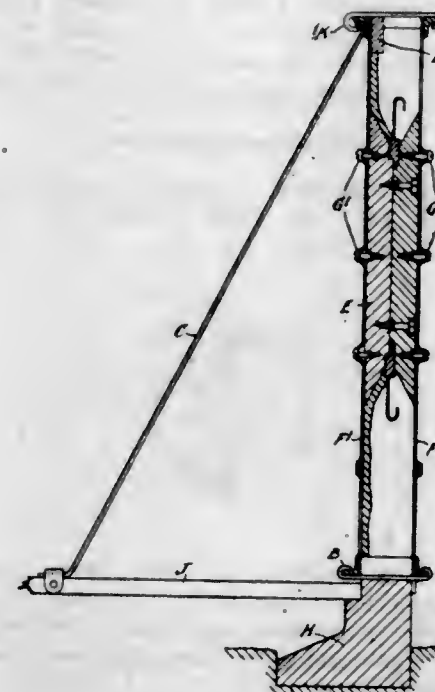


1. In a corn harvesting machine; means for cutting the stalks; gathering means comprising a lifting wheel, a ground wheel for driving the lifting wheel, gearing interposed between the ground wheel and the lifting wheel for reversing the direction of travel of the lifting wheel from that of the ground wheel and a conveyor inclined rearwardly and upwardly from the lifting wheel; a shock former; mechanism for carrying the cut stalks from the cutting mechanism to the shock former and means for delivering the formed shock to the ground in a standing position.

1,642,893. CASTING IN SITU OF CONCRETE BUILDING STRUCTURES. GEORGE WILLIAM RAWLINGS, East Ham, London, England. Filed Mar. 29, 1927. Serial No. 179,342, and in Great Britain Mar. 31, 1926. 5 Claims. (Cl. 25-131.)

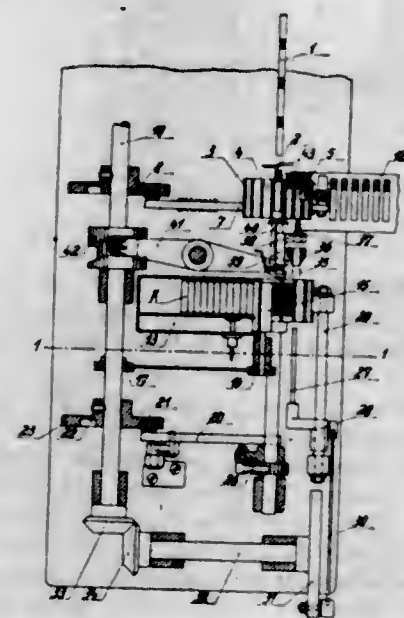
1. A method of casting a wall in situ between shuttering, comprising the temporary erection of one side of the shuttering, the attachment thereto of a core mould,

the plastering of the inner face of the erected shuttering and parts of the core mould, the temporary erection of the other side of the shuttering in spaced relation to the



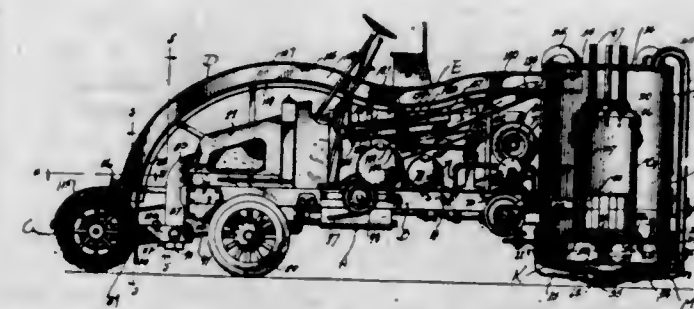
side first erected, the filling of the remaining space between the shuttering with a suitable composition for the main body of the wall and afterwards the removal of the shuttering and core mould.

1,642,894. MACHINE FOR THE MANUFACTURE OF CHOCOLATE CIGARETTES. CONSTANTIN FRIEDRICH RÖBER, Dresden, Germany, assignor to the Firm "Universelle" Cigaretten-Maschinen Fabrik J. C. Müller & Co., Dresden, Germany. Filed Mar. 19, 1926. Serial No. 95,939, and in Germany July 15, 1925. 10 Claims. (Cl. 226-2.)



8. In a machine for projecting chocolate fillings into paper casings for the production of chocolate cigarettes, a cylinder for supporting the chocolate fillings, another cylinder for supporting the paper casings, means for intermittently rotating said cylinders, means for projecting the chocolate fillings from the first cylinder into the paper casings on the second cylinder and means arranged between said cylinders for causing said chocolate fillings to be automatically trued prior to their projection into said casings and means for holding the paper casings during the projection of the filling therein.

1,642,895. SNOW-REMOVING MACHINE. CHARLES B. ROBINSON and RICHARD S. CARTY, Detroit, Mich. Filed Apr. 30, 1926. Serial No. 105,792. 13 Claims. (Cl. 37-12.)



1. In a snow removing machine the combination of a portable frame, a receiving tank mounted at the rear end of the portable frame, brush means mounted at the forward end of the portable frame, conduit means extending from the brush means to the tank for receiving snow from the brush means and conveying it to the tank, means for forcing a draft of air into the conduit means for propelling snow therealong into the receiving tank, heater means in the receiving tank for melting snow as it is received therein, valve means connected with the receiving tank for venting liquid therefrom in selective manner, and means connected with the receiving tank for venting air and steam pressure therefrom to adjacent said valve means.

1,642,896. MANUFACTURE OF FLUORIDES. FRITZ SANDER, Griesheim-on-the-Main, Germany, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Filed June 8, 1925. Serial No. 35,816, and in Germany June 10, 1924. 3 Claims. (Cl. 23-88.)

1. The process of manufacturing hydrofluoric salts which consists in heating, silicic acid, fluorspar and barium fluoride with hydrochloric acid, filtering off the difficultly soluble silicofluoride formed, decomposing the latter with ammonia water, and filtering off the solution of the ammonium fluoride formed.

1,642,897. TIRE CASING AND TUBE PROTECTOR. RAY D. SARVER, Owatonna, Minn. Filed Nov. 19, 1925. Serial No. 70,044. 4 Claims. (Cl. 152-20.)

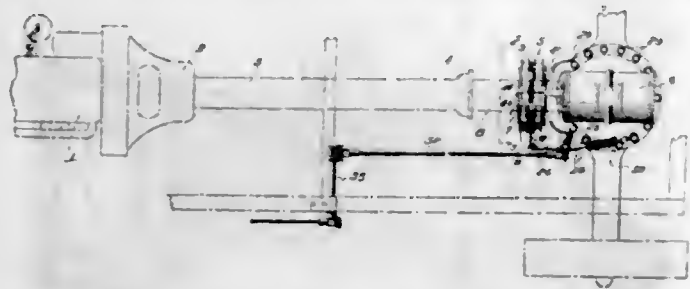


2. The combination with a divided rim for use with a tire said rim having a transverse crack therein, of a tube and casing protector comprising a comparatively thin strip of yielding material extending transversely of said rim and disposed over said crack and between said rim and casing of said tire, and means secured to said strip and engaging said rim for holding said strip in place.

1,642,898. BRAKING MECHANISM FOR MOTOR VEHICLES. THOMAS J. SCHUETZ, Tulsa, Okla. Filed Aug. 24, 1926. Serial No. 131,210. 9 Claims. (Cl. 188-77.)

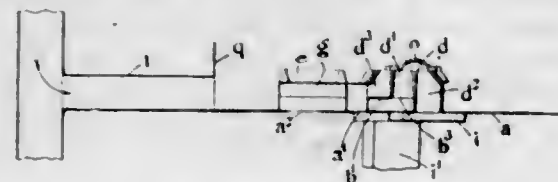
1. In a motor vehicle, a rear axle housing, a gear shaft projecting forwardly from said housing, a propeller shaft, a universal joint connecting said shafts, a brake drum fixed to the gear shaft and arranged rearwardly of said universal joint, a bracket fixed to the rear axle housing

and provided with a pivot pin, brake shoes cooperating with said drum and pivotally mounted on said pin, and manumotive means for manipulating said brake shoes,



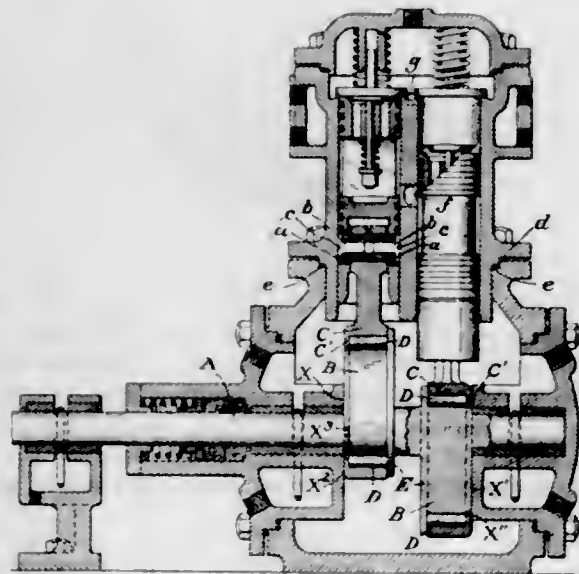
said bracket being of substantially arc-shape with the pivot pin arranged at its central portion, and being provided with integral reinforcing flanges.

1,642,899. DRY GAS METER. STEPHEN SIMPSON, Newton Abbot, England. Filed Oct. 20, 1923, Serial No. 669,779, and in Great Britain Nov. 22, 1922. 5 Claims. (Cl. 73-1.)



1. In a dry gas meter, a casing, a valve plate disposed within said casing and provided with ports, an inlet fitting within said casing and opening therein above said valve plate, an outlet fitting upon said valve plate forming an outlet passage and having ports therein above said valve plate, valve gratings disposed above said valve plate and provided with ports opening at different levels, one of which ports in each valve grating communicates with a port in the outlet fitting and other of which ports communicate with the ports in the valve plate, and valves slidably fitting upon said valve grating.

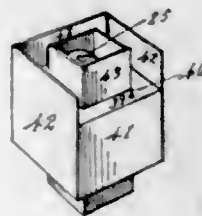
1,642,900. COMPRESSOR FOR REFRIGERATING MACHINERY. DAVID FRANKLIN SMITH, Washington, D. C. Filed Oct. 3, 1923. Serial No. 666,375. 1 Claim. (Cl. 74-14.)



In combination in a compressor a casing, a pair of cylinders and pistons, eccentrics integral with a shaft which bears in the casing, a strap for each eccentric connected with the appropriate piston, anti-friction rollers between the eccentrics and eccentric straps, flanges of continuous form and integral with their carrying part and forming closures for the anti-friction rollers extend-

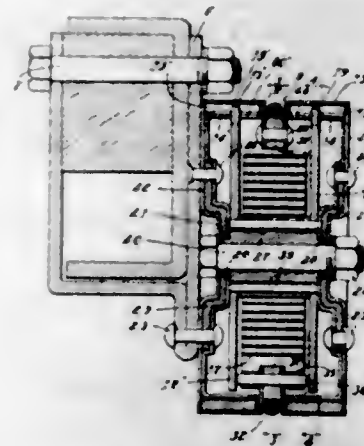
ing across the ends of the same, one of said eccentrics and eccentric strap organizations having a bearing against the casing at one side of said organization to resist lateral thrust, and the other eccentric and eccentric strap organization having a bearing against the casing at the side opposite to the bearing of the first organization, whereby the eccentrics with the integral shaft are held against lateral thrust, substantially as described.

1,642,901. TOY BLOCK. JESSE SROFE, Cincinnati, Ohio. Filed Jan. 12, 1925. Serial No. 1,860. 6 Claims. (Cl. 46-35.)



6. A toy block composed of thin paper outer walls with stiff cardboard inner walls extended intermediate the outer walls, a sounding box and a bell within said sounding box and means for retaining the sounding box within the stiff inner walls.

1,642,902. SHOCK ABSORBER. CHARLES A. STICKNEY, Rockford, Ill., assignor to Rockford Drilling Machine Company, Rockford, Ill., a Corporation of Illinois. Filed Oct. 19, 1925. Serial No. 63,206. 14 Claims. (Cl. 267-10.)

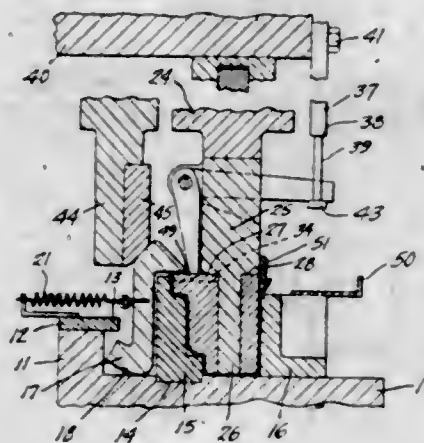


1. In a shock absorber, a revoluble drum mounted on one of two relatively movable members, a flexible element affixed to and winding on said drum and affixed at its free end to the other member, spring means normally turning said drum in one direction to take up slack in said flexible element, and a brake band operating on said drum and held normally by said spring means toward braking engagement with said drum, said band being operable under slight unappreciable load existing in said spring means during a deflection of the vehicle springs which is accompanied with a moving together of said aforementioned members, and being operable under a heavier load existing in said spring means during a rebounding movement, which is accompanied with a moving apart of the aforementioned members.

1,642,903. METHOD OF AND MEANS FOR PRODUCING ORNAMENTED EAVES. JAMES D. STOKES, Detroit, Mich., assignor to Superior Safety Furnace Pipe Company, a Corporation of Michigan. Filed Feb. 15, 1926. Serial No. 88,437. 5 Claims. (Cl. 153-12.)

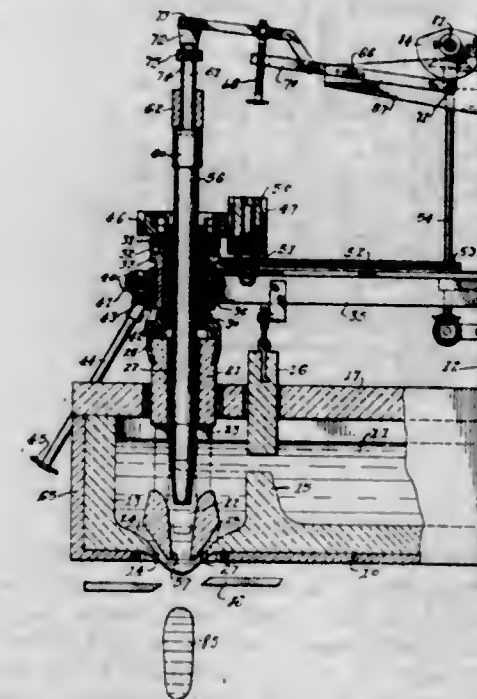
1. The method of forming an eave which consists of depressing a strip of metal with a die to form a trough, and in the same operation bending a portion of the metal

over a portion of the die member, and then pushing such bent over portion from the die as the die is raised while leaving said portion in its bent over form.



2. A device for forming an ornamental eave comprising a die and a plunger, means for bringing the die and plunger together to form an eave trough, means for bending at least one longitudinal edge of the eave over a portion of said plunger while the plunger and die are closest together, and means for pushing said bent-over edge from said plunger, while leaving it in its bent over form when the plunger and die are being separated.

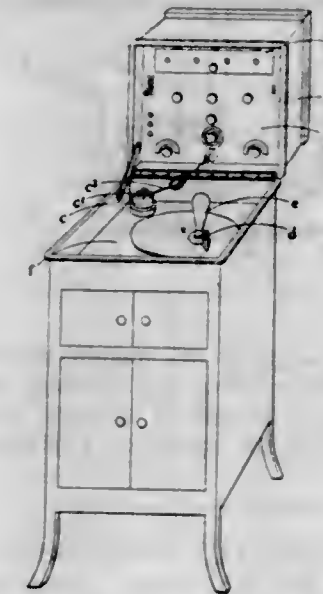
1,642,904. METHOD AND APPARATUS FOR PRODUCING CHARGES OF MOLTEN GLASS. LEONARD D. SOUBIER, Toledo, Ohio, assignor to The Owens Bottle Company, Toledo, Ohio, a Corporation of Ohio. Filed Feb. 4, 1924. Serial No. 690,408. 23 Claims. (Cl. 49-55.)



6. The combination of a container for molten glass having an outlet opening formed in the bottom thereof, a vertically disposed hollow member projecting downward into the glass concentrically with said opening, said member formed to provide a chamber in the lower end thereof having an outlet opening in its bottom smaller than said first mentioned opening, a regulator disposed within said member, means to actuate said regulator to cause a periodic discharge of molten glass through said

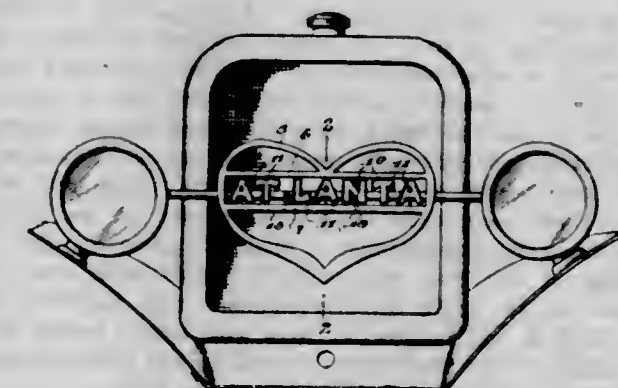
chamber outlet, and means to maintain the glass within said hollow member at substantially the level of the glass within said container throughout the normal operation of said regulator.

1,642,905. SOUND-REPRODUCING APPARATUS. CHARLES KNEVYL SUGDEN, London, England. Filed Jan. 23, 1924, Serial No. 687,999, and in Great Britain Feb. 14, 1923. 4 Claims. (Cl. 179-100.1.)



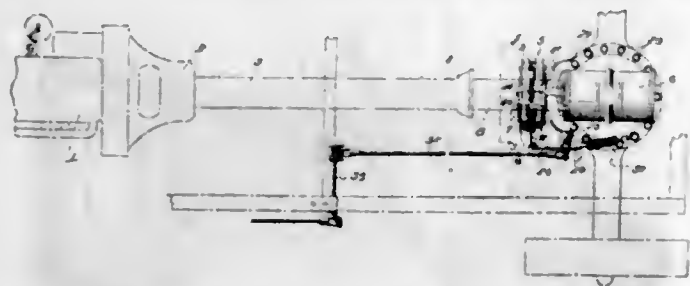
1. A sound reproducing apparatus comprising in combination a single casing, means consisting of mechanism within the said casing for the production of sound from a record and comprising a sound-box, wireless receiving apparatus also within the said casing and comprising a sound amplifier, a single horn common to the said mechanism for the production of sound from a record and to the said wireless receiving apparatus, the said sound amplifier and the said sound box being adapted to be alternately supplied for effective use on the said tone arm, the said casing comprising a recess for the alternative reception of the said sound-box and the said sound amplifier, substantially as described.

1,642,906. ADVERTISING NOVELTY. LEE RONZA SUGGS, Atlanta, Ga. Filed Oct. 3, 1925. Serial No. 60,211. 4 Claims. (Cl. 40-138.)



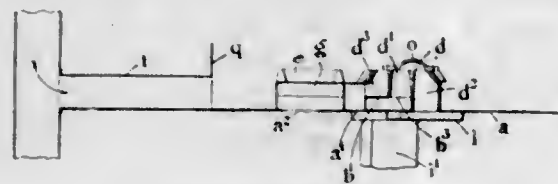
1. A device of the character described comprising a frame, a series of members rotatably mounted upon said frame, said members being in the shape of characters to be displayed, said characters being equally balanced on each side thereof, and angled portions formed on the opposite marginal edges of said characters and protruding in opposite directions so as to cause continual revolving of said characters when engaged by air currents from one direction.

and provided with a pivot pin, brake shoes cooperating with said drum and pivotally mounted on said pin, and manumotive means for manipulating said brake shoes,



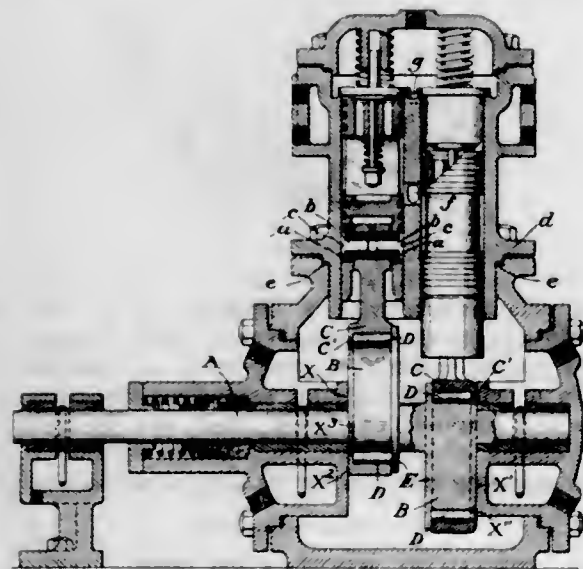
said bracket being of substantially arc-shape with the pivot pin arranged at its central portion, and being provided with integral reinforcing flanges.

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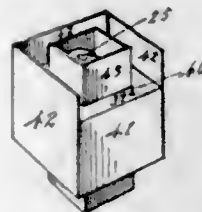
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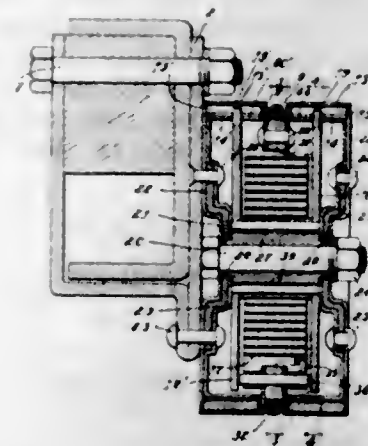
ing across the ends of the same, one of said eccentrics and eccentric strap organizations having a bearing against the casing at one side of said organization to resist lateral thrust, and the other eccentric and eccentric strap organization having a bearing against the casing at the side opposite to the bearing of the first organization, whereby the eccentrics with the integral shaft are held against lateral thrust, substantially as described.

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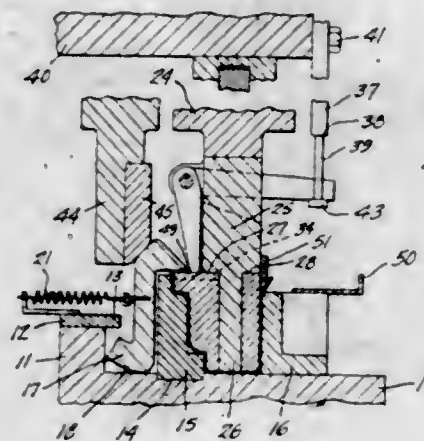


1. In a shock absorber, a revoluble drum mounted on one of two relatively movable members, a flexible element affixed to and winding on said drum and affixed at its free end to the other member, spring means normally turning said drum in one direction to take up slack in said flexible element, and a brake band operating on said drum and held normally by said spring means toward braking engagement with said drum, said band being operable under slight unappreciable load existing in said spring means during a deflection of the vehicle springs which is accompanied with a moving together of said aforementioned members, and being operable under a heavier load existing in said spring means during a rebounding movement, which is accompanied with a moving apart of the aforementioned members.

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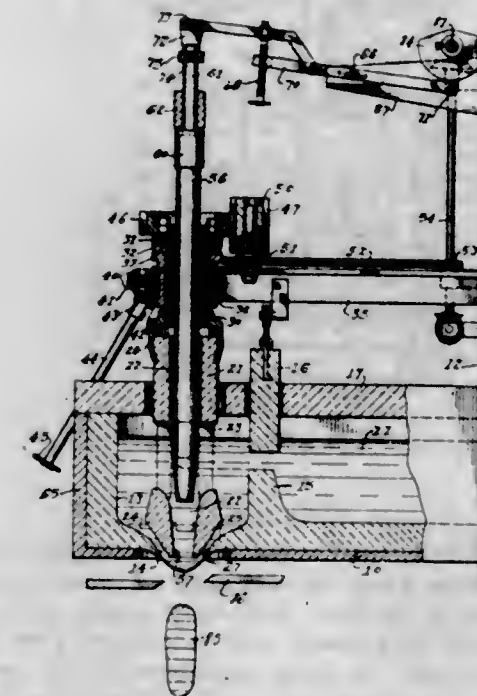
1. The method of forming an eave which consists of depressing a strip of metal with a die to form a trough, and in the same operation bending a portion of the metal

over a portion of the die member, and then pushing such bent over portion from the die as the die is raised while leaving said portion in its bent over form.



2. A device for forming an ornamental eave comprising a die and a plunger, means for bringing the die and plunger together to form an eave trough, means for bending at least one longitudinal edge of the eave over a portion of said plunger while the plunger and die are closest together, and means for pushing said bent-over edge from said plunger, while leaving it in its bent over form when the plunger and die are being separated.

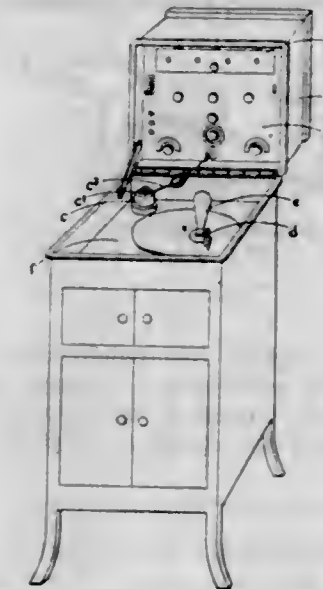
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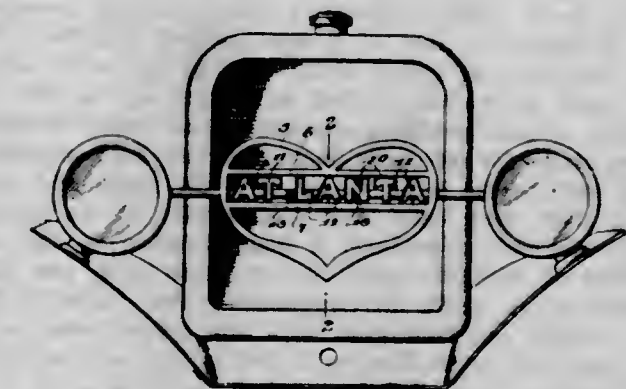
chamber outlet, and means to maintain the glass within said hollow member at substantially the level of the glass within said container throughout the normal operation of said regulator.

1,642,905. SOUND-REPRODUCING APPARATUS. CHARLES KNEVELL SUGDEN, London, England. Filed Jan. 23, 1924, Serial No. 687,999, and in Great Britain Feb. 14, 1923. 4 Claims. (Cl. 179-100.1.)



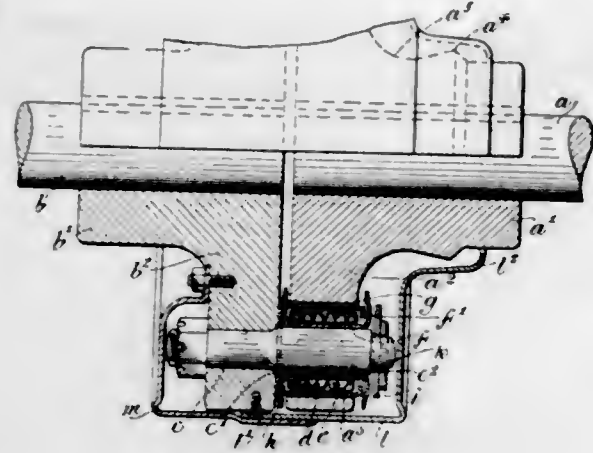
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1,642,906. ADVERTISING NOVELTY. LEE RONZA SUGGS, Atlanta, Ga. Filed Oct. 3, 1925. Serial No. 60,211. 4 Claims. (Cl. 40-138.)



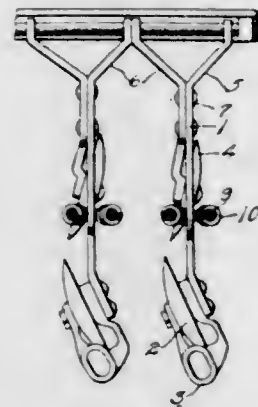
1. A device of the character described comprising a frame, a series of members rotatably mounted upon said frame, said members being in the shape of characters to be displayed, said characters being equally balanced on each side thereof, and angled portions formed on the opposite marginal edges of said characters and protruding in opposite directions so as to cause continual revolving of said characters when engaged by air currents from one direction.

1,642,907. FLEXIBLE COUPLING. AUGUST SUNDH, Hastings upon Hudson, N. Y. Filed May 16, 1923. Serial No. 639,295. 8 Claims. (Cl. 64—98.)



1. In a flexible coupling the combination of a driving member and a driven member and driving connections between said members including helically wound springs with the coils nested for obtaining a yielding action in all directions.

1,642,908. GRAIN-DRILL ATTACHMENT. CHARLES ROBERT TAYLOR, Moccasin, Mont. Filed Mar. 10, 1924. Serial No. 698,246. 1 Claim. (Cl. 97—182.)

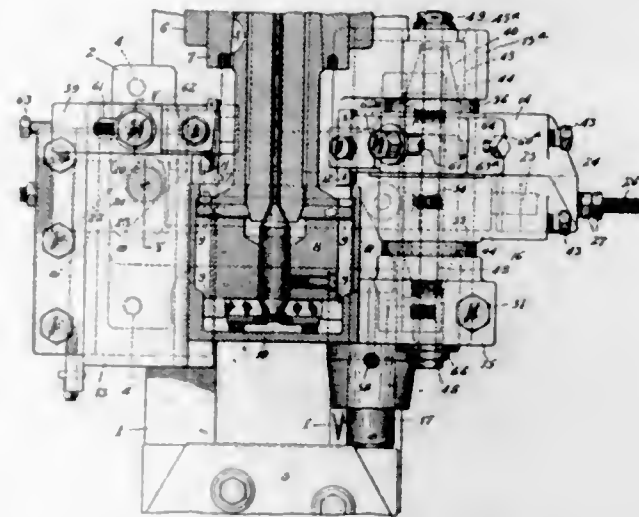


In a grain drill, a plurality of supporting members each including a pair of beams secured together, the front ends of said beams being inclined outwardly from each other to produce a fork with openings in the extremities of said beams, a supporting rod passed through the openings for pivotally mounting the said members, one of said beams being longer than the other and both having their rear ends bent downwardly at an incline and formed with openings, a disk attached to the extremities of the rear ends of the beams with one disk disposed at an angle directly opposite the angle of the other disk, a rod connected with the longer beam at a point adjacent its inclination, a coil spring mounted upon the rod and normally bearing against the beam.

1,642,909. METAL LATHE. HORACE W. THOMPSON, East Cleveland, Ohio, assignor to Bardons & Oliver, Cleveland, Ohio, a Partnership composed of John G. Oliver and Raymond T. Cragin. Filed Apr. 10, 1922. Serial No. 551,128. 6 Claims. (Cl. 29—27.)

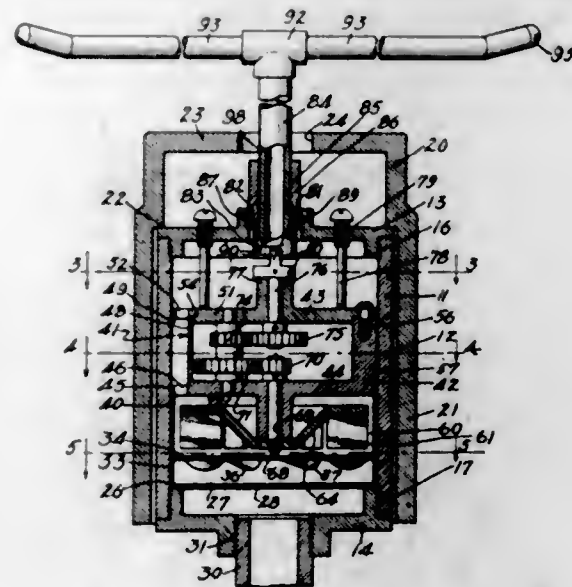
1. In a lathe, the combination of the lathe spindle, means for securing the work thereto for rotation therewith, a saddle mounted upon the lathe, a longitudinally

movable tool support mounted on said saddle, a second tool support pivoted to said saddle for movement in a plane transverse to the axis of said lathe, and a feed bar



mounted on said saddle engaging said tool supports adapted when operated to impart simultaneous tool-feeding movements to said tool supports.

1,642,910. SPRINKLER WITH RESISTANCE MOTOR. WALTER VAN E. THOMPSON, Los Angeles, Calif., assignor to Thompson Manufacturing Company, Los Angeles, Calif., a Corporation of California. Filed May 25, 1925. Serial No. 32,620. 4 Claims. (Cl. 299—69.)

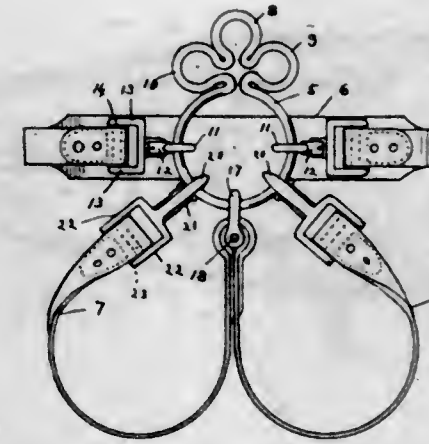


1. In a sprinkler, the combination of: a shell; a member for supplying water to said shell; a nozzle unit rotatably supported by said shell, said nozzle unit being designed so that said nozzle unit is rotated when water passes therethrough; a rotor positioned to be operated by said water; means in said shell rotatably connecting said rotor with said nozzle unit whereby rotation of said nozzle unit is retarded; and a box enclosing said last named means.

1,642,911. WORKMAN'S SADDLE BELT. CARL G. THURNAU, New Hartford, N. Y. Filed Jan. 8, 1926. Serial No. 79,955. 4 Claims. (Cl. 227—8.)

1. In a workman's saddle belt the combination of a rigid ring for the attachment of a supporting rope, a

waist belt detachably secured to said ring and two leg straps each adapted to separately pass below and support

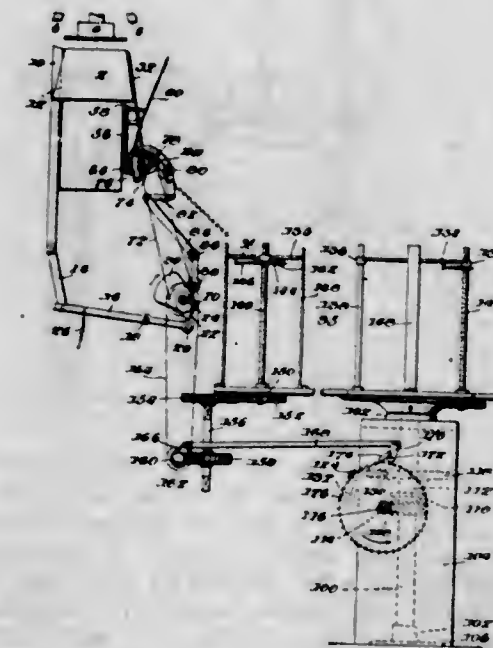


one leg between the crotch and the knee, each of said straps having an end swingingly secured to the said ring and its other end detachably secured to the said ring.

1,642,912. PROCESS FOR PREVENTING MINE EXPLOSIONS. WALTER EDWIN TRENT, Washington, D. C., assignor to Trent Process Corporation, New York, N. Y., a Corporation of Delaware. Filed Oct. 20, 1924. Serial No. 744,847. 3 Claims. (Cl. 169—2.)

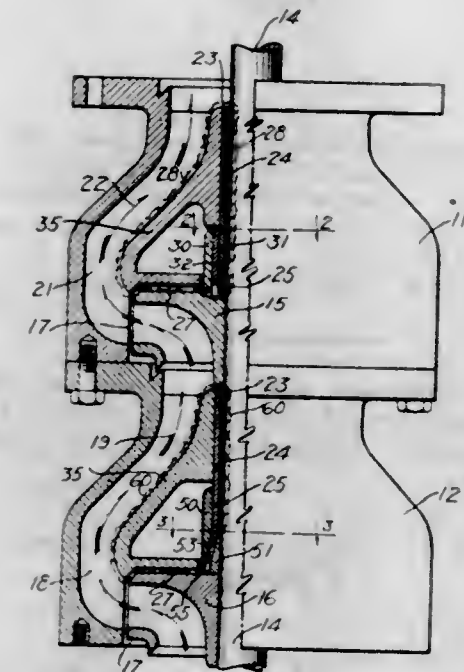
1. A process for preventing mine explosions, consisting in applying a hydrocarbon oil having a high boiling point and a high flash point to a mine surface to entrap and retain finely divided coal particles contacting therewith to render said particles substantially incapable of an exothermic reaction.

1,642,913. BOX-MAKING MACHINE. CHARLES H. VON GLAHN, Brooklyn, N. Y. Filed Nov. 21, 1924. Serial No. 751,245. 9 Claims. (Cl. 93—36.)



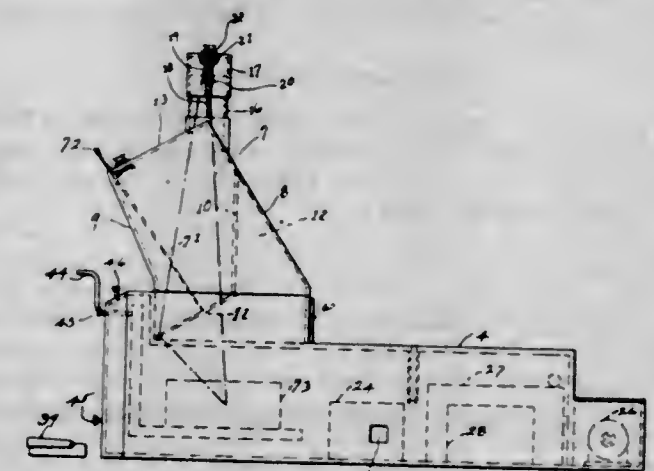
1. In combination with a box making machine having a fixed male die over which blanks are formed, means for stripping the formed boxes from the die and means for gripping the stripped boxes and transferring them from the die to a stacking table.

1,642,914. SANDPROOF BEARING. JESSE P. WHANN, Los Angeles, Calif., assignor to Layne & Bowler Corporation, Los Angeles, Calif., a Corporation of California. Filed July 3, 1926. Serial No. 120,429. 5 Claims. (Cl. 103—102.)



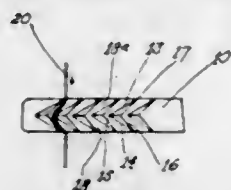
1. In a pump, the combination with a tubular structure having its ends exposed to the interior of the pump and through which localized circulation tends to occur, of a shaft extending through said tubular structure, and bearing means engaging the exterior of said tubular structure for supporting said shaft in running position.

1,642,915. METHOD AND APPARATUS FOR X-RAY WORK. MATTHEW B. ADRIAN, Milwaukee, Wis., assignor to The Adrian Corporation, Inc., Milwaukee, Wis., a Corporation of Wisconsin. Filed June 16, 1921. Serial No. 477,905. 2 Claims. (Cl. 250—34.)



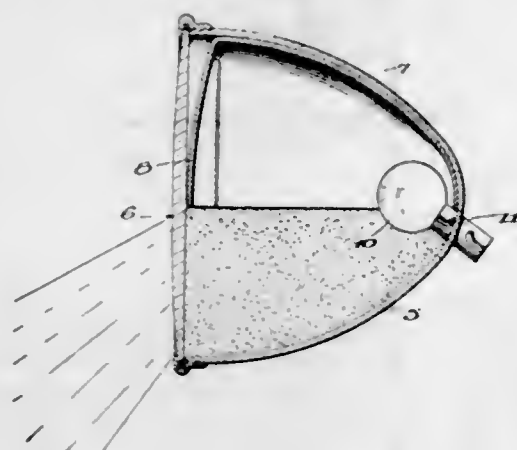
1. An X-ray apparatus comprising a cabinet, a tube movably mounted within said cabinet, a fluorescent screen adapted to be energized by the rays from said tube, a series of mirrors for reflecting the visible rays to the upper portion of said cabinet, and a series of members through which a patient and an operator may look.

1,642,916. COMB. CLARENCE G. ANDERSON, Ottumwa, Iowa. Filed Dec. 23, 1926. Serial No. 156,571. 2 Claims. (Cl. 132-11.)



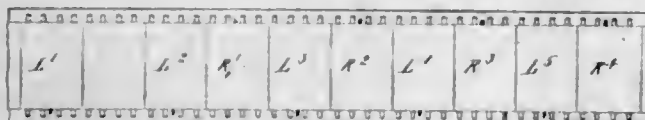
1. In a comb, a main body, teeth on said body, each of said teeth having two intersecting flat surfaces forming an acute angle, an obtuse angular channel formed in the tooth on the side opposite to said acute angle, said teeth having the lines formed by the intersecting flat sides of said acute angles all lying in the same place.

1,642,917. VEHICLE LIGHT. GEORGE O. BOLLMAN, Nokomis, and OTTO J. ZIMMERMANN, Ohlman, Ill. Filed Aug. 13, 1926. Serial No. 129,005. 4 Claims. Cl. 240-48.4.)



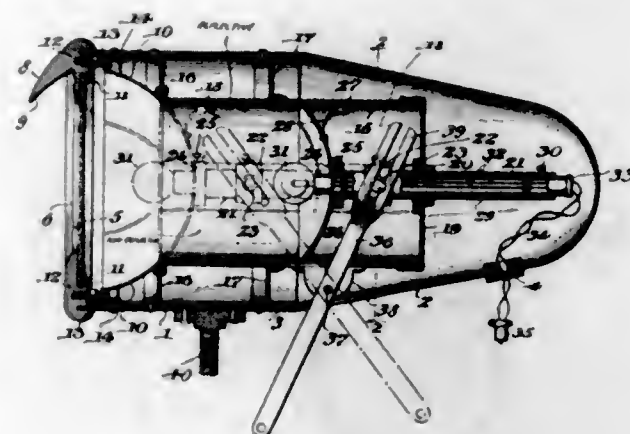
1. A light of the character specified comprising a paraboloidal shell, a reflector in the upper half of the shell and having a visor extending to a point adjacent the horizontal center of the shell, the reflector being in the shape of a semi-paraboloid, a lamp socket at the rear of the shell and supporting the rear edge of the reflector, and a lens detachably positioned over the front of said shell and engaging said visor to cooperate with said lamp socket in holding the outer wall portion of said reflector in close contact with the contiguous inner portion of said shell.

1,642,918. CINEMATOGRAPHIC PICTURE WITH STEREOSCOPIC QUALITIES. CHARLES BOVIN, Boston, Mass. Filed Jan. 26, 1922. Serial No. 531,935. 1 Claim. (Cl. 88-16.6.)



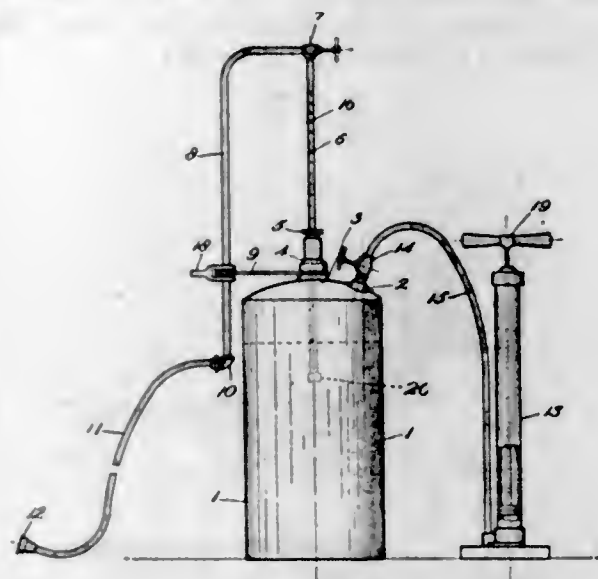
A stereoscopic motion picture film having lengthwise thereon a row of consecutively adjacent images, said images being inverted and arranged in stereoscopic pairs with the corresponding images of each pair spaced apart with two images of other stereoscopic pairs therebetween, each stereoscopic pair of images having their directions of stereoscopic differences opposite in relation to each other.

1,642,919. CONTROLLED HEADLIGHT. ROBERT H. CLOUGHLEY, Kansas City, Mo. Filed May 17, 1926. Serial No. 109,715. 4 Claims. (Cl. 240-44.)



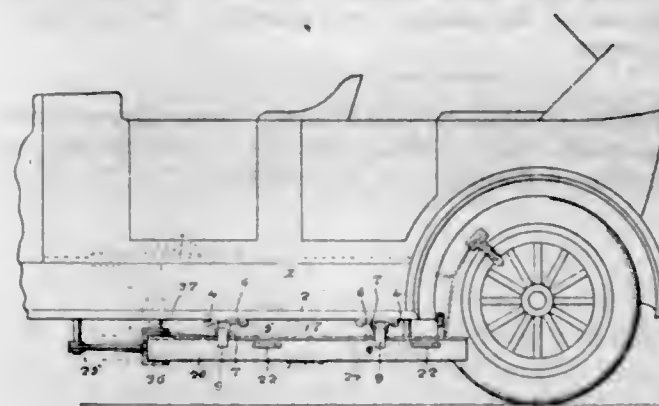
1. In a controlled headlight, the combination with a tubular shell, of a bowl shaped reflector and a source of illumination mounted to slide within said shell so as to be adapted to be shifted forwardly or rearwardly within the shell, means for absorbing jars and shocks communicated to said reflector and source of illumination, a ring shaped reflector which is open in its central part, said ring shaped reflector being arranged in relation to said bowl shaped reflector so that the bowl shaped reflector may be disposed to complete the open central part of the ring shaped reflector, thereby permitting both reflectors to be used in connection with the same source of illumination, and means bodily movable with the source of illumination for focusing said source of illumination in relation to the bowl shaped reflector.

1,642,920. FUMIGATING APPLICATOR. KENNETH F. COOPER, Great Neck, N. Y., assignor to American Cyanamid Company, New York, N. Y., a Corporation of Maine. Filed Apr. 6, 1921. Serial No. 458,961. 4 Claims. (Cl. 221-77.)



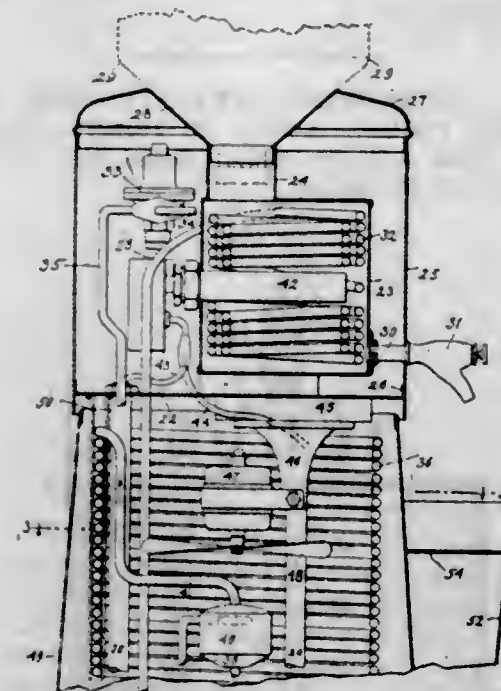
1. In a spraying device for liquid hydrocyanic acid the combination of a container in which said acid may be shipped, provided with a pair of orifices adapted to be closed by removable shipping plugs; a substantially U-shaped tube having a leg adapted to enter said container through one of said orifices when said shipping plug is removed therefrom; means adapted to maintain a liquid tight joint between said orifice and tube; a bracket associated with said last named means adapted to engage the other leg of said tube; means adapted to coact with said last named leg and said bracket to maintain said tube in a predetermined position; and means adapted to be connected to the other of said orifices when its shipping plug is removed, to expel acid from said container, substantially as described.

1,642,921. TIRE-CHAIN APPLIER. EARL E. CRONENWETH, Glendale, Calif. Filed Nov. 18, 1926. Serial No. 149,196. 4 Claims. (Cl. 152-14.)



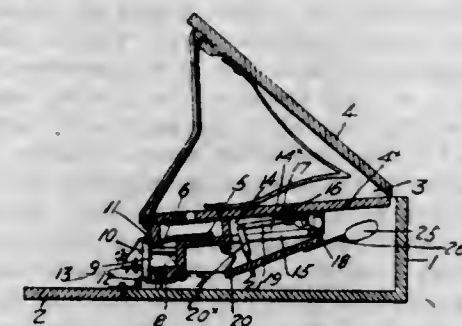
1. The combination with the running board of an automobile, of flanged plates secured on the under faces of the running board, a channeled member received in each of the plates, means adjustably attaching the channel members to the plates, a fixed and a spring influenced depending lug on each of the channel members, a box having flanges engaged by the lugs, and means for imparting a longitudinal movement to the boxes in either of two directions.

1,642,922. REFRIGERATING APPARATUS. LEE B. GREEN, Lakewood, Ohio, assignor of one-third to Earl L. Jones, Cleveland, Ohio; one-third to Cassius L. Finney, Canton, Ohio; and one-third to Conrad B. Krause, Cleveland, Ohio. Filed Jan. 16, 1926. Serial No. 81,627. 2 Claims. (Cl. 62-115.)



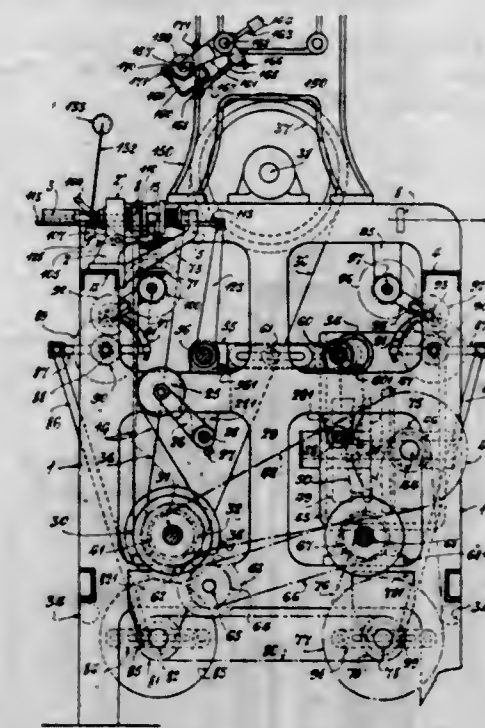
2. In refrigerating apparatus, the combination of an apertured base, a platform, posts on said base supporting said platform, a cooling chamber carried by said platform, a cooling coil suspended from said platform, a compressor and motor on said base below said cooling coil, a jacket enclosing the space between said base and said platform and having its upper portion perforated, and a fan suspended from said platform within said cooling coil and serving to draw air inwardly through the perforated portion of said jacket and force it downwardly over said compressor and motor and out through said base.

1,642,923. EAR-TESTING DEVICE. MATTHEW JOSEPH HAFLEY, Toronto, Ontario, Canada, assignor of one-fourth to William Harry Freeman, Toronto, Canada. Filed Sept. 4, 1925. Serial No. 54,510. 5 Claims. (Cl. 84-375.)



1. An ear testing device comprising a main casing, a bellows supported in the casing, a wind chest having an air outlet communicating with the interior of the bellows and having a series of air inlets, a reed chamber having a sound emitting mouth leading from each inlet, a reed so positioned in each reed chamber that the air passes there-through to the wind chest, a removable closure for each mouth, and means for controlling the volume of air passing from the wind chest to the bellows to weigh the volume of tone as the air passes through the reeds.

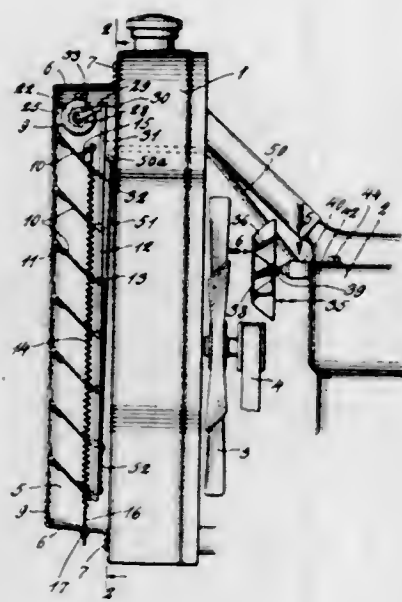
1,642,924. MACHINE FOR WINDING YARNS OR THREADS. HERBERT HOLT, Rockdale, England. Filed June 21, 1926. Serial No. 117,557. 22 Claims. (Cl. 242-27.)



1. A yarn winding machine having a framework with bearings for shafts and comprising bearing devices for supporting spindles to revolve therein about horizontal axes, spindles mounted to revolve in said bearing devices and each bearing a place of application for one end of a spring, driving members mounted revolvably around said spindles and each forming part of a friction clutch for imparting revolution to the spindle around which it is applied, means for revolving said driving members, driven members mounted around and movable lengthwise of and in driving connexion with the spindles respectively and each forming another part of the friction clutch for imparting revolution to the spindle around which it is applied, springs applied at one end respectively to said driven members and to the places of application provided for them on said spindle at the other end for forcing said driven members into frictional engagement with said driving members, a shaft to oscillate in said framework, means for oscillating said shaft, arms fast on said shaft,

revolvable screws movable axially parallel to the axes of said spindles, means for connecting said screws and said arms, bevel wheels mounted around and in driving connexion with said screws, bevel wheels severally movable axially for engagement with and disengagement from the bevel wheels around the screws, means for intermittently turning said axially movable bevel wheels, disengaging means in engagement with said driven members and movable severally in one direction for moving said driven members severally out of engagement with said driving members and having connected means whereby they may be moved severally in the opposite direction to allow said driven members to be engaged with said driving members, catch parts in connexion with said disengaging means, springs severally engaged with said disengaging means for moving them in one direction and disengaging said driven members from said driving members, means for moving said axially movable bevel wheels into and out of engagement with the bevel wheels around the screws, means provided severally for each spindle for connecting the disengaging means and the means for moving axially the axially movable bevel wheel used with that spindle, holding catches severally movable into position for holding and into position for releasing said catch parts, tripping devices for actuation by thread guide carriers and severally in connexion with said holding catches for moving them and releasing said catch parts, guide rods mounted parallel to said screws, thread guide carriers each with a part for actuating a tripping device and surrounding a screw and engaging a guide rod, thread guides carried by said thread guide carriers and spring pressed dogs in said thread guide carriers severally engageable with and disengageable from said screws.

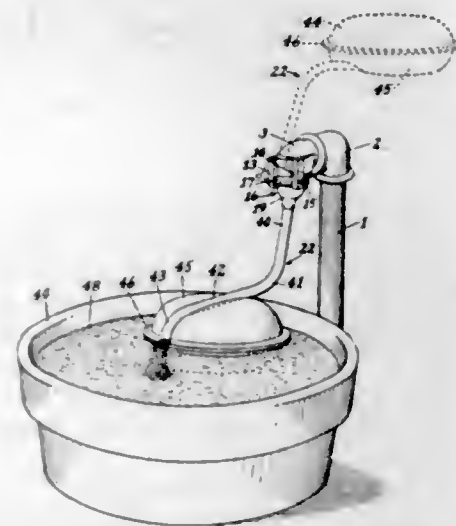
1,642,925. RADIATOR PROTECTOR. HARVARD F. HUDSON, Wichita, Kans. Filed Mar. 25, 1926. Serial No. 97,246. 3 Claims. (Cl. 123-174.)



1. A device for controlling the flow of air through a radiator associated with an internal combustion engine, comprising in combination, a casing adapted to be secured to the radiator, said casing having an opening, a plurality of louvers hingedly connected to the casing and arranged to be moved into and out of closed position so as to control the effective area of the opening in the casing, means comprising two springs of unequal strength for producing a force tending to move the louvers to closed position, the weaker of said springs being constantly under tension whereas the stronger of said springs is put under tension only after the louvers have been opened to some extent, means comprising a rotatable motor for produc-

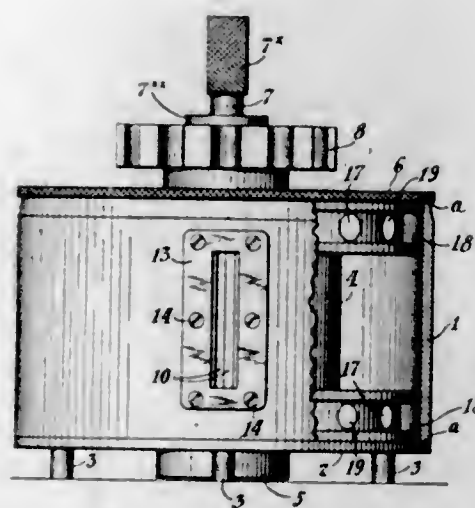
ing a force tending to move the louvers to open position, said last named means being so associated with the internal combustion engine that it is operative only when the engine operates and means responsive to temperature conditions of the engine for controlling the opening of the louvers.

1,642,926. CHICKEN FOUNTAIN. JOHN IMSCHWEILER, Inglewood, Calif. Filed May 24, 1926. Serial No. 111,428. 6 Claims. (Cl. 137-104.)



1. A chicken fountain having a standpipe head, a self-closing valve controlling the passage through the head, a movable conduit connected to the head and adapted to catch the water when the valve is open, a valve opener in the conduit, and a float for operating the conduit so as to open the valve.

1,642,927. DEVELOPING APPARATUS FOR PHOTOGRAPHIC FILMS. ANATOL M. JOSEPHO, New York, N. Y. Filed Aug. 24, 1926. Serial No. 131,169. 7 Claims. (Cl. 95-90.5.)



1. In developing apparatus for strips of photographic films or the like, a casing, a drum adapted to rotate within the casing and means for conveying a liquid to the interior of the casing comprising reversely directed and spaced ducts, one of the ducts having a communication with the interior of the casing, and the second duct communicating with the first duct and with the exterior of the casing.

1,642,928. VENEER DRIER. JOSEPH EDWIN KOCHA, Linden, N. J. Filed May 27, 1925. Serial No. 33,244. 4 Claims. (Cl. 34-12.)

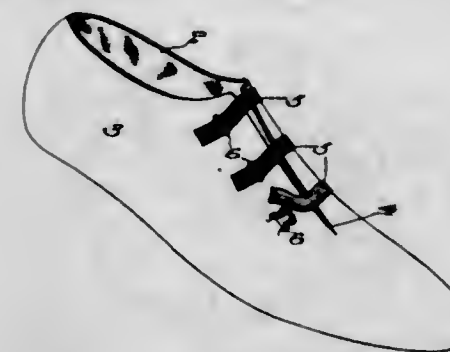


1. A veneer drying apparatus comprising a casing having a longitudinally extending chamber therein, upper and lower conveyors having endless conveying members which are perforated, the upper reach of the lower conveyor and the lower reach of the upper conveyor lying close together and being parallel so as to clamp between them the veneer strips, these portions of the conveying members passing through the chamber and dividing it into an upper part and a lower part, the lower part having its front end closed while the upper part has its front end open and means for introducing air into the rear end of the said chamber.

1,642,929. PROCESS OF CLEANING MOLASSES FOR MANUFACTURING COMPRESSED YEAST. REINHOLD KUSSEROW, Oakland, Calif. Filed Oct. 29, 1925. Serial No. 65,679. 10 Claims. (Cl. 195-20.)

1. The process of preparing crude molasses for the manufacture of yeast comprising decomposing colloids in said molasses to form a precipitate by promoting the propagation of lactic acid bacteria in an alkaline solution of said molasses.

1,642,930. PROCESS FOR MAKING FOOT MOLDS. PAUL MATHEWSON, New York, N. Y. Filed Sept. 12, 1925. Serial No. 56,002. 6 Claims. (Cl. 18-56.)

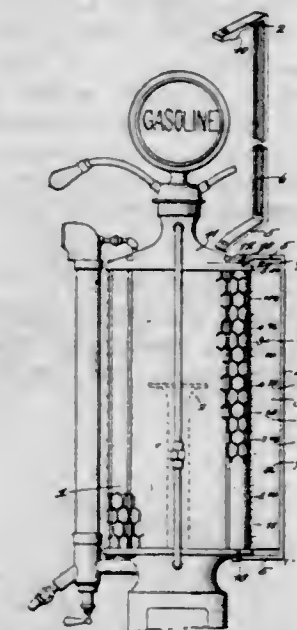


3. The method of making a foot mold to be used as a pattern for the selection of a properly fitting arch support or shoe, which includes the following steps, placing a flexible lining on a shoe last, coating the lining with a hardening material, allowing the mold to harden, cutting the mold longitudinally along the instep and removing it from the last, softening the mold, placing the softened mold on the foot, drawing the mold snugly around the instep of the foot by suitable devices, allowing the mold to harden, releasing said devices and removing the mold from the foot.

1,642,931. COMPUTING GAUGE OR SCALE FOR GASOLINE-STATION PUMPS. ENOCH A. MAY, Jackson, Miss. Filed May 14, 1925. Serial No. 30,213. 5 Claims. (Cl. 73-62.)

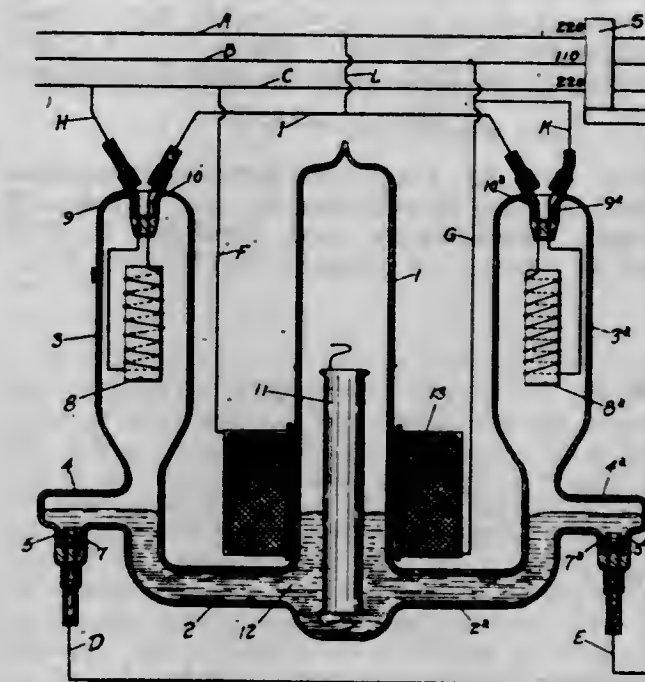
1. In combination with a vessel of a computing scale fitting adjacent the side of the vessel, and a holder con-

forming to the perpendicular edge of the scale provided with a longitudinal seat for the reception of the edge of the scale, said holder having attaching terminals with



means for detachably connecting the same to the top and bottom of the vessel, whereby one scale may be substituted for another.

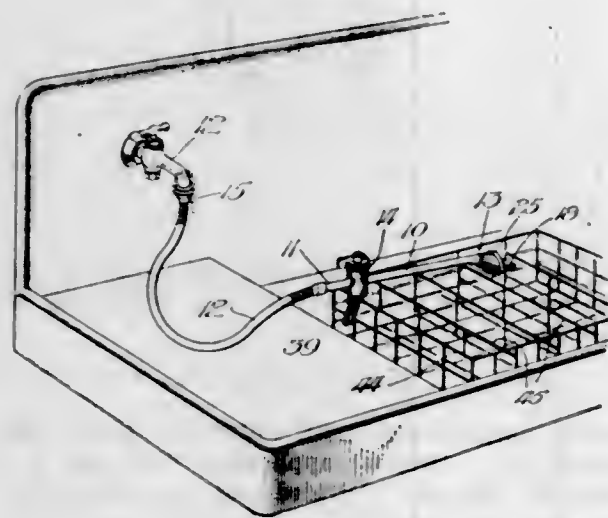
1,642,932. MERCURY-TUBE SWITCH. IRA E. MCCABE, Chicago, Ill. Original application filed July 9, 1923, Serial No. 650,233. Divided and this application filed Oct. 6, 1926. Serial No. 139,798. 1 Claim. (Cl. 200-112.)



In an electric switch, a sealed mercury tube having three vertical branches connected by a horizontal passage, the outer branches having horizontal projections provided with depending wells, electric contacts entering the wells, mercury within the tube normally at a height to enter the projections and complete a circuit between the well contacts, gases above the mercury in each branch,

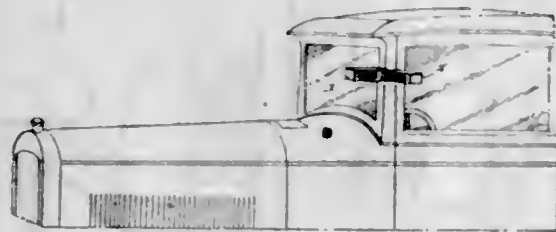
electric heating units in the space above the mercury in the outer branches, electric connections for the heating units passing through the walls of those branches, which, by the energizing of both heating units maintains the level of the mercury constant and the circuit complete between the well contacts and the de-energizing of one allows the gas in that branch to contract and the level of the mercury to rise breaking the circuit of the well contacts in the other outer branch, a metal float in the third branch, a solenoid arranged wholly on the outside of that branch which when energized maintains the float immersed in the mercury to complete the circuit between the well contacts and upon de-energization withdraws the float to lower the level of the mercury and break the said circuit.

- ✓ 1,642,933. DEVICE FOR WASHING DISHES AND THE LIKE. JOHN THOMAS MCGRATH, Bloomington, Ill. Filed Oct. 18, 1922. Serial No. 595,245. 6 Claims. (Cl. 141-9.)



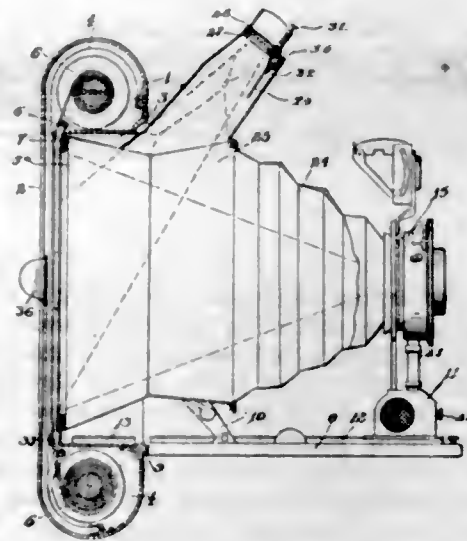
1. A washing device for the purpose set forth comprising a hollow body, a spray nozzle and a rigid scraper, said scraper forming one wall of said nozzle and extending therebeyond and along which the spray is discharged.

- 1,642,934. SIGNAL. JAMES SAUL MCLEAN, Albuquerque, N. Mex., assignor of forty-nine per cent to Robert F. Johnston, Albuquerque, N. Mex. Filed Jan. 21, 1927. Serial No. 162,526. 3 Claims. (Cl. 116-43.)



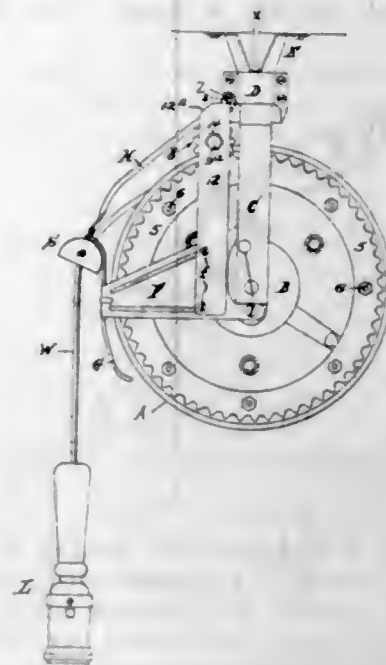
1. A signal of the class described comprising a casing having a window therein, a spring roller in one end of the casing, a second roller arranged at the other end of the casing, a belt having its ends fastened to the rollers, said belt carrying signal words, a pulley on the second roller, a flexible member wound thereon and extending into the vehicle for rotating the second roller from the interior of the vehicle to move the belt to a position where one of the signal words thereon will appear at the window.

- 1,642,935. PHOTOGRAPHIC CAMERA. JOSEPH M. HALYI, Washington, D. C. Filed May 10, 1920. Serial No. 380,100. 12 Claims. (Cl. 95-42.)



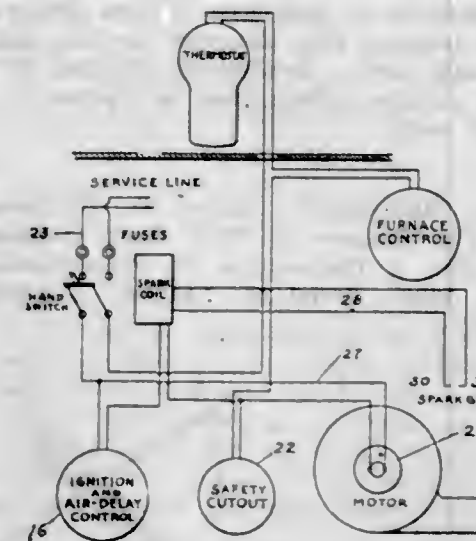
1. In combination with a roll film camera having a roll film and a guide over which the film travels, the casing of the camera being provided with a slot, and a focusing screen operable between the guide and the film and displaceable through said slot.

- 1,642,936. EXTENSION REEL FOR ELECTRIC LAMPS, PORTABLE DRILLS, AND THE LIKE. OTTO MILLER, Cincinnati, Ohio, assignor to The Cincinnati Specialty Manufacturing Company, Cincinnati, Ohio, a Corporation of Ohio. Filed Aug. 21, 1925. Serial No. 51,700. 2 Claims. (Cl. 242-109.)



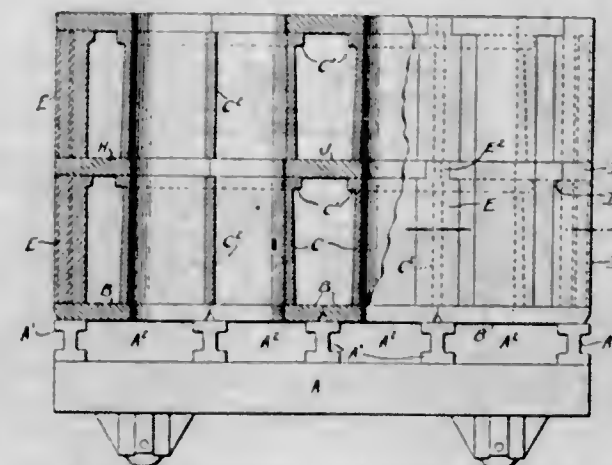
1. In a self-winding electric-wire reel, the combination, with a spring-controlled wire-reel, of a ratchet-stop device comprising a continuous peripheral toothed edge or circular master rack, a correspondingly toothed pinion whose arbor or spindle is mounted in a notched bearing-sleeve on the suspension-frame of the reel, a plurality of gravitating pawls or claws provided on one face of the pinion and each pawl in turn adapted to engage the notch in the said bearing-sleeve to form an automatic detent or stop to instantly catch and hold the spring-controlled wire-reel against the winding action thereof when required, substantially as shown and described.

- 1,642,937. OIL-BURNER CONSTRUCTION. HERMAN A. MOJE and IRA E. MCCABE, Chicago, Ill. Filed Mar. 28, 1924. Serial No. 702,504. 3 Claims. (Cl. 158-28.1.)



1. In an oil burner construction, a source of oil, a combustion chamber, an air conduit leading thereto, an oil nozzle therein adjacent the said chamber, an electrical ignition device in front of the nozzle, electrically operated means for feeding oil under pressure to the nozzle and air under pressure to the conduit, a source of electricity, a switch between said source and feeding means, in combination with means controlled by accumulation of oil pressure to place in circuit the ignition device, with-holding the feeding of air under pressure until a predetermined oil pressure is reached and thereupon disconnecting the ignition device and admitting air under pressure to the said conduit, said means upon the breaking of the circuit and discontinuance of operation of the oil and air feeding means placing the ignition device in circuit and partially closing the air intake to the air conduit.

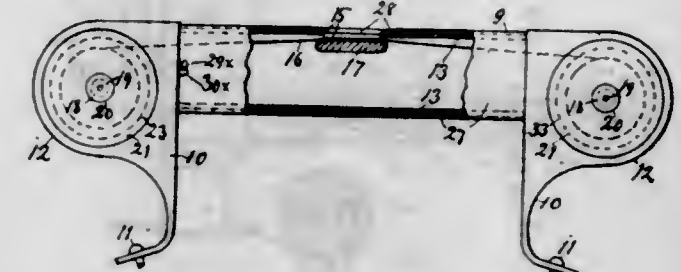
- 1,642,938. KILN CAR. GEORGE D. MORRIS, New Castle, Pa., assignor to American Dressler Tunnel Kilns, Inc., Cleveland, Ohio, a Corporation of New York. Filed Oct. 26, 1926. Serial No. 144,203. 9 Claims. (Cl. 25-142.)



1. In a kiln car, the combination of a supporting base having a transverse flue passage therein, with a ware

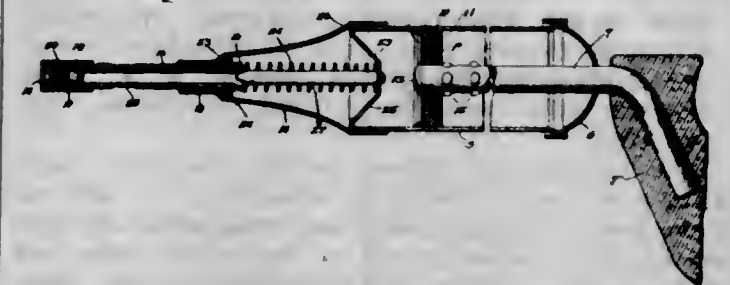
supporting superstructure having a hollow tile serving as a vertical flue passage, said vertical passage being connected with said transverse passage.

- 1,642,939. RECORD-HOLDING HANDLE FOR MILK CANS. OTTO H. PETERSON, Northfield, Minn. Filed Mar. 24, 1926. Serial No. 96,982. 1 Claim. (Cl. 281-8.)



A handle for containers comprising a tubular hand hold and end supports therefor for holding the said hand hold in fixed spaced relation to the container, said hand hold having a lateral sight aperture, a magazine at each end of the hand hold adapted to retain a record reel with a record strip arranged to be wound on one reel from the other past said sight aperture and means for closing said sight aperture.

- 1,642,940. LUBRICANT COMPRESSOR. JOSEPH BYSTRICKY, Cleveland, Ohio, assignor to The Allyn-Zerk Company, Cleveland, Ohio, a Corporation of Ohio. Filed Sept. 25, 1924. Serial No. 739,844. 15 Claims. (Cl. 221-47.4.)

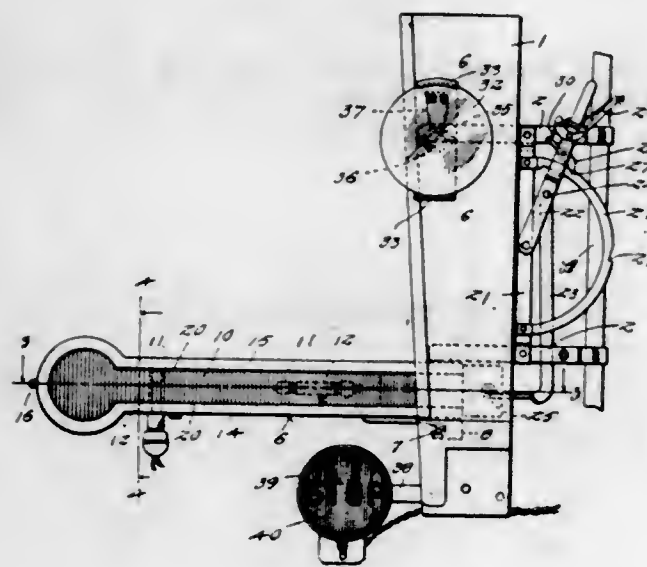


1. A lubricant compressor comprising a barrel, a piston reciprocable in said barrel for placing the lubricant therein under pressure, a cylinder slidably mounted in one end of said barrel and terminating in a nozzle, a spring for yieldably urging said cylinder outwardly, a plunger supported in said barrel for displacing the lubricant from said cylinder when the latter is pushed into said barrel, and means for releasing air from said barrel at a point adjacent the inlet end of said cylinder comprising an annular groove formed in the surface of said cylinder, and a longitudinally extending groove formed in the head of the barrel and positioned jointly to form a passage-way from the adjacent end of the barrel, to atmosphere, when the cylinder is forced into the barrel.

- 1,642,941. TRAFFIC SIGNAL FOR AUTOMOBILES. THOMAS M. CAMPOS, Los Angeles, Calif. Filed Feb. 4, 1926. Serial No. 85,984. 2 Claims. (Cl. 116-54.)

1. A semaphore arm for automobile signals, comprising oppositely disposed walls hingedly engaging one an-

other at the outer extremity of said arm, said walls having intumed flanges and grooves formed therein, trans-



parent panels engaging in said grooves, and illuminating means carried by said arm and located within said walls and between the panels.

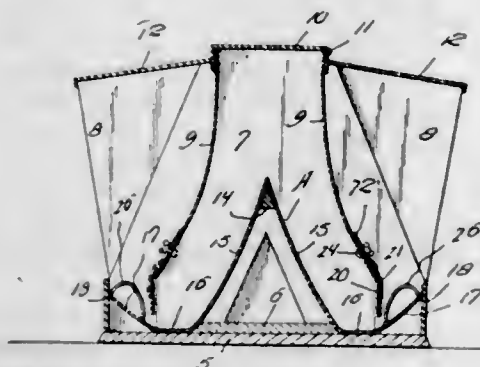
1,642,942. SUBSTANCE AND PROCESS FOR USING THE SAME FOR REFRIGERATION PURPOSES. WILLIS H. CARRIER, Essex Fells, N. J., assignor to Carrier Engineering Corporation, Newark, N. J. Filed Apr. 23, 1923. Serial No. 634,183. 11 Claims. (Cl. 62-178.)

1. A refrigerating process which comprises evaporating dichloroethylene by reducing the pressure thereon below atmospheric pressure, compressing the resulting vapor by centrifugal action to a pressure below atmospheric pressure and cooling the same to liquefy the vapor, and returning the liquefied dichloroethylene to be again vaporized.

1,642,943. SUBSTANCE AND PROCESS OF USING THE SAME FOR REFRIGERATING PURPOSES. WILLIS H. CARRIER, Essex Fells, N. J., assignor to Carrier Engineering Corporation, Newark, N. J. Filed Mar. 22, 1924. Serial No. 701,230. 22 Claims. (Cl. 62-178.)

1. A refrigerating process which comprises evaporating a refrigerant consisting substantially of only one of the isomers of dichloroethylene, compressing and condensing the resultant vapor to liquefy the same and returning the liquefied dichloroethylene to be again vaporized.

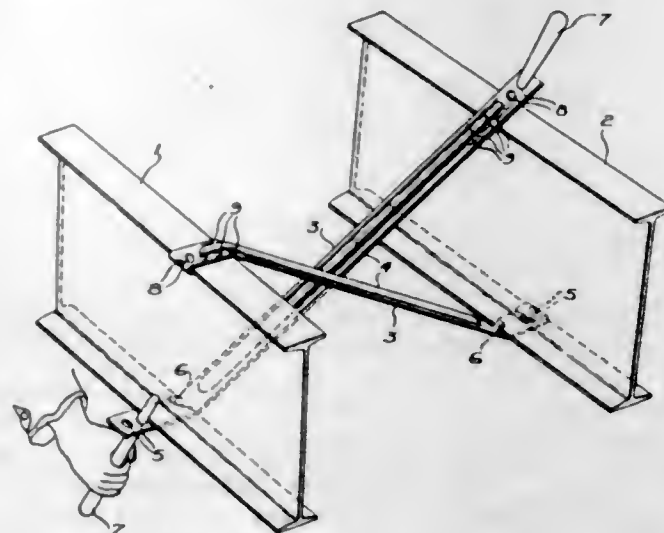
1,642,944. HOG FEEDER. WALTER DANNENBERG, Hubbard, Iowa. Filed Oct. 28, 1926. Serial No. 144,749. 6 Claims. (Cl. 119-53.)



1. A device of the class described including, in combination, a bottom, a pair of end walls rising from the bottom, a pair of side walls extending between the end

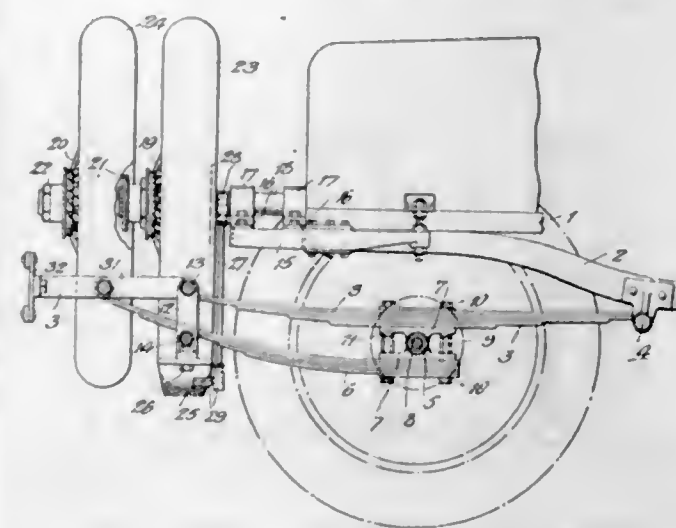
walls and terminating above the bottom, a pair of side walls rising from the longitudinal edges of the bottom and terminating at the same level with the bottom edges of the side walls first mentioned, a beam extending between the end walls equidistant from the first mentioned side walls and above the bottom, a sheet metal member bent along its median longitudinal dimension and resting at said dimension on said beam to form downwardly and outwardly inclined side members merging into bottom members, said bottom members terminating in upwardly extending portions terminating in abutment with the second side walls.

1,642,945. BRIDGING. HARRY O. DAVIDSON, Pittsburgh, Pa., assignor to Blaw Knox Company, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed Oct. 28, 1926. Serial No. 144,804. 5 Claims. (Cl. 189-36.)



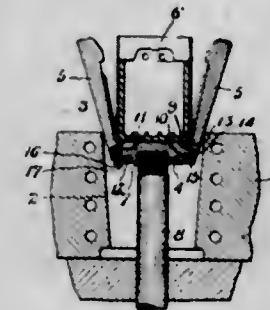
4. A bracing strip for structural members, having means for attaching the strip to a structural member and having spaced means adapted to be projected to engage another structural member, any desired one of such spaced means being adapted for use to attach the strip to the second mentioned structural member.

1,642,946. VEHICLE. THOMAS J. FAY, Brooklyn, N. Y. Filed Feb. 19, 1924. Serial No. 693,860. 12 Claims. (Cl. 207-31.)



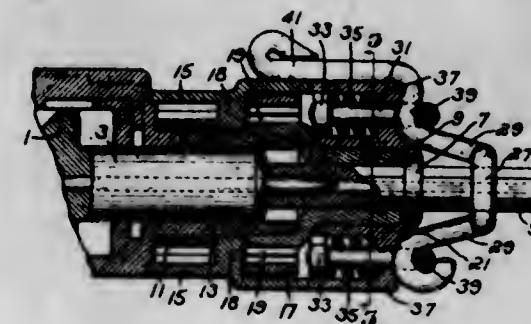
1. In a vehicle having a chassis frame and axle, a suspension element connected to the chassis frame, and to the axle, and a pneumatic tire of the balloon type interposed intermediate the articulating faces of the element and the chassis frame for modifying their relative approach.

1,642,947. MOLD. CHARLES L. FISCHER, Cleveland, Ohio, assignor to The Gollath Rubber Company, Cleveland, Ohio, a Corporation of Ohio. Filed Jan. 31, 1927. Serial No. 164,715. 5 Claims. (Cl. 18-35.)



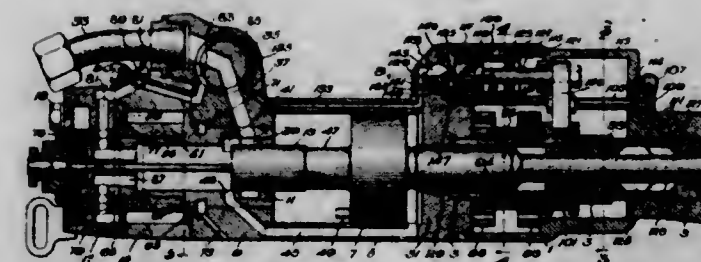
1. A mold for battery boxes and the like comprising a bottom plate provided with a tongue on each of its edges, supporting means secured to the bottom plate beneath the tongues and projecting outwardly, interfitting side and end plates each having at its lower end a groove fitting said tongue, and means on the said plates detachably interlocking with said supporting means.

1,642,948. TOOL-STEEL-RETAINING DEVICE. GEORGE H. GILMAN, Claremont, N. H. Filed Dec. 31, 1919. Serial No. 348,699. 8 Claims. (Cl. 121-32.)



1. In an apparatus of the class described, a tool steel retainer comprising a yoke with separated side arms, resilient connections for said side arms comprising plungers having enlarged front ends to connect with the side arms, springs engaging said plungers, housings for said springs and plungers secured to the tool casing and having openings in the forward ends of sufficient size to receive said enlarged ends, said springs acting to draw said side arms rearwardly and to hold them resiliently against the forward ends of said housings under sufficient force to prevent substantial vibration of said retainer.

1,642,949. DRILLING MACHINE. GEORGE H. GILMAN, Belmont, Mass. Filed July 12, 1921. Serial No. 484,072. 27 Claims. (Cl. 121-7.)



1. A drilling machine having, in combination, fluid pressure operated motor means for actuating a drilling tool, said motor means of the type wherein motive fluid

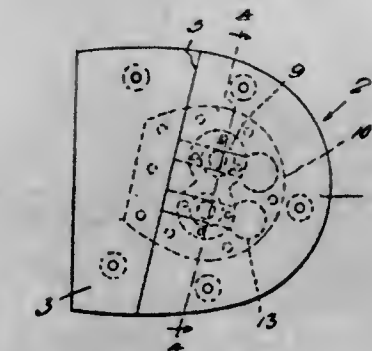
is substantially continuously admitted and exhausted for producing continuous motion of the motor, means forming a compressor, a motive fluid supply connection, means for supplying said compressor with live motive fluid and for interrupting said supply on the compression stroke of said compressor while supplying the compressed motive fluid to said fluid pressure actuated motor means.

1,642,950. MEDICAL-POWDER APPLICATOR. EARLE C. HAAS, Wray, Colo. Filed Feb. 24, 1927. Serial No. 170,690. 3 Claims. (Cl. 128-265.)



3. In a medical powder applicator for use in applying powder to affected body orifices wherein the powder is arranged within a cylindrical cartridge, the outer end thereof being closed by a disruptible material, and the inner end thereof being closed by a wad, a cylinder for receiving said cartridge, means at the forward end of the cylinder to prevent the passage of the cartridge therethrough, a piston slidable within the cylinder and having a reduced inner end for engagement within the cartridge shell and for engagement with the cartridge wad whereby a pressure of the piston will cause the inward movement of the wad to break the disruptible closure so that a further movement of the piston will discharge the powder from the cartridge.

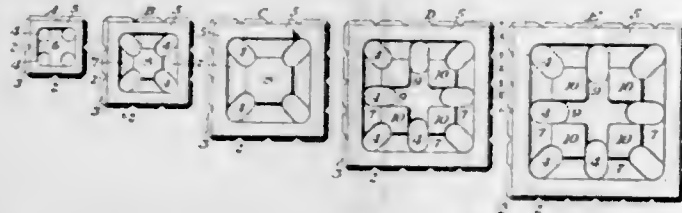
1,642,951. RUBBER HEEL. LOUIS J. HARRISON, Derby, Conn. Filed Oct. 19, 1926. Serial No. 142,663. 1 Claim. (Cl. 36-36.)



As a new product of manufacture, a rubber heel comprising a main section of conventional outline embodying a relatively thick portion and a relatively thin portion providing a shoulder at the juncture of said portions, said shoulder being inclined and disposed transversely across said section, a plate secured to the bottom face of said thin portion, said plate being provided with key-

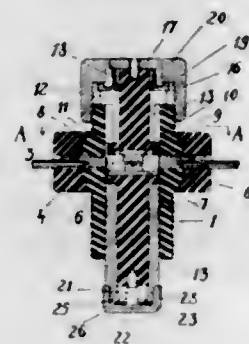
hole shaped slots, and said thin portion being provided with grooves in alignment with said slots, a renewable section of segmental configuration adapted to be placed against the bottom of said thin portion and to abut said shoulder, said renewable section being provided in its top with a recess, an attaching plate located in said recess and passed through said renewable section and carrying headed studs cooperable with the slots in said first named plate.

1,642,952. BUILDING CONSTRUCTION. ALBERT HENDERSON, Pittsburgh, Pa., assignor, by mesne assignments, to The Henderson Structural Units Company, Pittsburgh, Pa., a Corporation of Delaware. Filed Jan. 9, 1924. Serial No. 685,193. 14 Claims. (Cl. 72-1.)



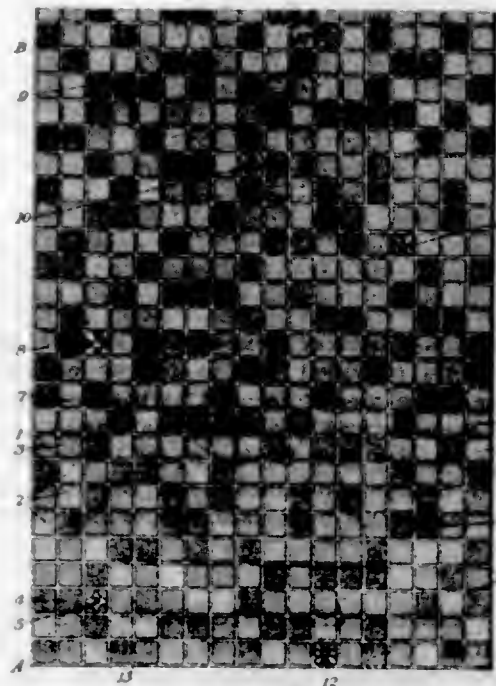
1. In building construction, an element composed of blocks of different cross-sectional areas arranged end to end, each of said blocks having holes extending longitudinally therethrough and arranged between the center and outer surfaces of the block, the holes of each block at least partially registering with those of the next smaller or larger block in said element, and continuous reinforcing members extending through said holes, substantially as described.

1,642,953. AUTOMATIC EXCESS HEAT PROTECTOR, ESPECIALLY FOR ELECTRIC MACHINES AND APPARATUS. WILHELM HICKEL, Zurich, and OTTO PLETSCHER, Jr., Albstrieden, near Zurich, Switzerland. Filed Dec. 4, 1924. Serial No. 753,820, and in Germany Dec. 31, 1923. 2 Claims. (Cl. 200-142.)



1. A device of the character described, comprising a tubular casing adapted for attachment to a machine to be protected against excessive heat, a pair of electrical terminals disposed at diametrically opposite points in said casing, an insulating sleeve supported within the casing with one end thereof extending outside of said casing, an insulating plunger slidable within said sleeve, a cap threaded on said casing for retaining said sleeve therein, said cap being perforated to permit the passage of the circuit through said terminals, a fusible member engaging said plunger and the extended end of the sleeve thereby to retain the plunger in circuit-closing position, resilient means in engagement with said plunger and adapted to move the same out of circuit-closing position upon removal of said fusible member, and a cap removably secured to said sleeve and enclosing said fusible member.

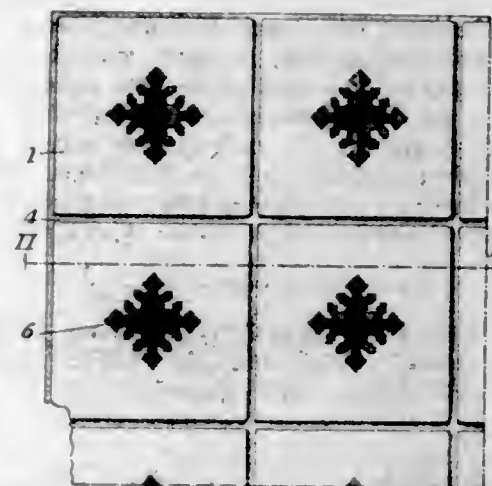
1,642,954. SURFACE COVERING AND PROCESS OF ORNAMENTING THE SAME. CHARLES F. HUMPHREYS and JOHN C. MCCARTHY, Lancaster, Pa., assignors to Armstrong Cork Company, Lancaster, Pa., a Corporation of Pennsylvania. Filed Jan. 22, 1927. Serial No. 162,806. 10 Claims. (Cl. 41-17.)



4. A flexible hard-surfaced floor covering having a color pattern printed on its surface and having the configuration of the pattern embossed so as to bring it into relief.

7. A flexible hard-surfaced floor covering having printed thereon a color pattern simulating tiling and brought into relief by having the joints between the tiles depressed below the tiles.

1,642,955. SURFACE COVERING AND PROCESS OF ORNAMENTING THE SAME. CHARLES F. HUMPHREYS and JOHN C. MCCARTHY, Lancaster, Pa., assignors to Armstrong Cork Company, Lancaster, Pa., a Corporation of Pennsylvania. Filed Jan. 22, 1927. Serial No. 162,807. 10 Claims. (Cl. 41-17.)

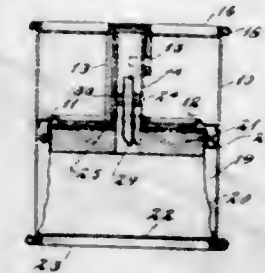


1. The process of ornamenting the surface of a plain, jaspe or granite linoleum, which consists in forming its surface with a depressed pattern.

1,642,956. VOICE FOR TOYS. THEODORE HUTNIKOW, Brooklyn, N. Y., assignor to Voices Incorporated, Newark, N. J., a Corporation of Delaware. Filed May 23, 1923. Serial No. 640,901. 5 Claims. (Cl. 46-46.)

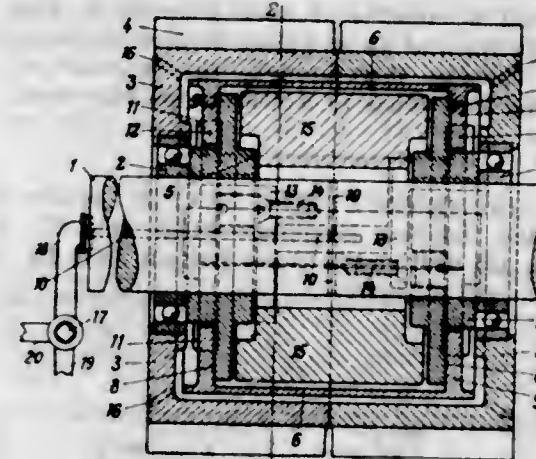
1. A sound producing device comprising a casing having an air chamber in one end thereof and a weighted gravity movable disc for causing a flow of air into and

out of said chamber, a sound producing reed operated by the flow of air in the movement of said disc in one direction, a member fixed within said casing intermediate of its ends, a sound receiving chamber carried by said disc and movable through said fixed member, the wall of



said chamber being provided with a sound emission opening, and a second relatively fixed member extending between said first named member and one end of the casing and having means cooperating with the sound emission opening in said chamber wall to interrupt the emission of sound therethrough.

1,642,957. CLUTCH ACTUATED BY LIQUID UNDER PRESSURE. ANTON HUWILER, Basel, Switzerland. Filed Dec. 19, 1925. Serial No. 76,435, and in Switzerland Dec. 19, 1924. 2 Claims. (Cl. 192-85.)



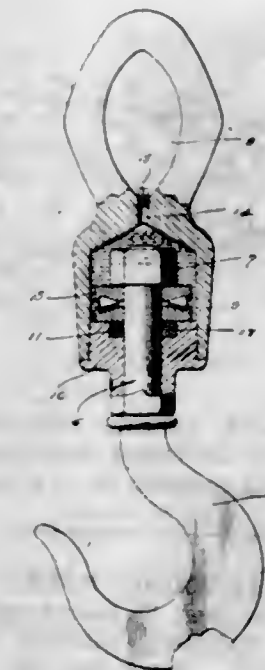
1. A clutch actuated by liquid under pressure comprising in combination a driving and a driven element a pressure chamber connected with one of said elements and rotating with it and having radially movable members, a hollow body connected with the other element, means adapted to allow a pressure liquid to enter said pressure chamber or to escape from it thereby moving said movable members into and allowing them to come out of engagement with said hollow body respectively and counter-weights operatively connected with said movable members and rotating with them, the centrifugal effect of said counter-weights being opposed to, and greater than, that of said members, thereby tending to draw the members away from said hollow body.

1,642,958. SWIVEL HOOK. GEORGE FRANK JOINER, Montpelier, Miss., assignor of one-half to Leroy McDowell Moseley, Montpelier, Miss. Filed Dec. 17, 1926. Serial No. 155,448. 1 Claim. (Cl. 59-95.)

In a swivel hook of the class described, a hanging ball, an oil chamber formed on the lower end of the ball, the lower end of the oil chamber being open and internally threaded, a body nut threaded into the open lower end of the oil chamber and provided with a central smooth bore, a hook member having a circular shank extending upwardly through the bore of the body nut, the upper face of the body nut being provided with a circular socket concentric with the bore, a packing in the socket and engaging the shank of the hook, a bearing unit disposed

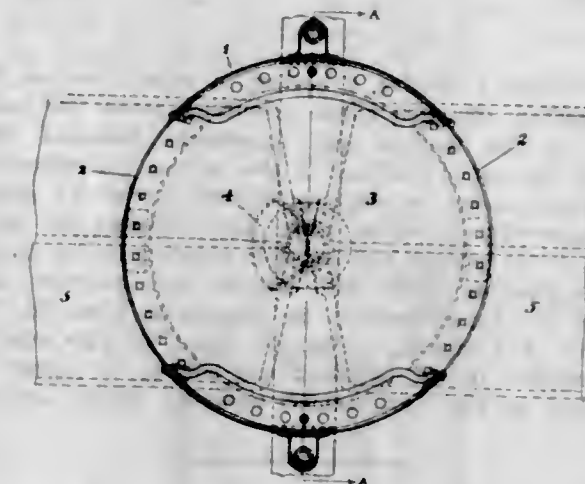
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around the upper end portion of the shank adjacent the upper face of the body nut, a nut threaded on the upper threaded end of the shank and engaging the top of the



bearing unit whereby the hook member is secured to the ball, the top of the oil chamber being provided with an oil inlet opening, and a plug normally closing the same.

1,642,959. ANCHORAGE FOR VESTIBULE MEMBERS OF ARTICULATED CARS. FELIX KOCH, Bellevue, Pa., assignor to Pressed Steel Car Company, Pittsburgh, Pa., a Corporation of New Jersey. Filed July 26, 1927. Serial No. 208,434. 4 Claims. (Cl. 105-4.)

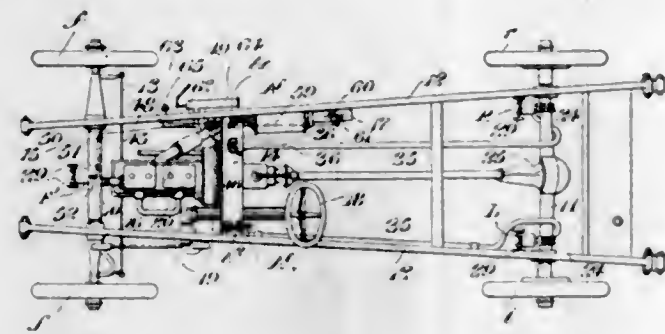


1. In an articulated car, adjacent ends of two adjacent bodies supported on a common truck, a vestibule member, spanning the space between said bodies and supported in a pivot bearing secured only to one car body, an anchor rod connected to said vestibule and said truck, said rod being adapted to maintain said vestibule in its bearing during operation of said articulated car.

1,642,960. AUTOMOTIVE EQUIPMENT. PHILIP M. KRANTZ, Brooklyn, N. Y. Filed Dec. 13, 1926. Serial No. 154,502. 5 Claims. (Cl. 180-1.)

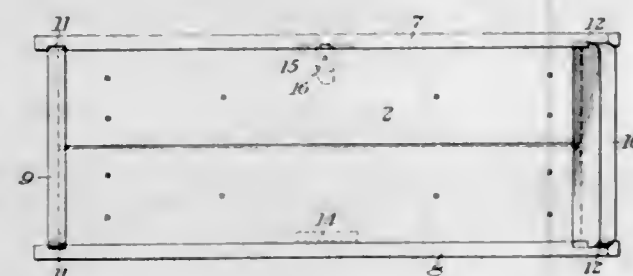
1. An equipment for automotive vehicles for facilitating tire handling, including the combination of a jack including a plurality of relatively movable sections having a chamber therebetween and adapted to be given relative movement by fluid pressure in said chamber; means for mounting said jack on the vehicle in position to elevate a desired vehicle wheel by such relative movement; a

source of air under pressure, means for confining exhaust gases from the engine; a fluid conveying means; means for selectively delivering fluid from said source or from



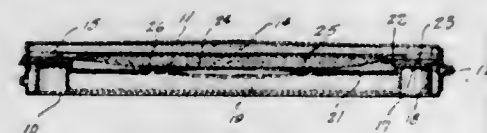
said confining means, to said conveying means; and means for selectively delivering fluid from said conveying means, either to said chamber or to a tire interior.

1,642,961. COASTER-WAGON BODY. OWEN L. LEWIS, Alliance, Ohio, assignor, by mesne assignments, to The Alliance Toy & Specialty Company, Alliance, Ohio, a Corporation of Ohio. Filed July 24, 1925. Serial No. 45,810. 1 Claim. (Cl. 296—28.)



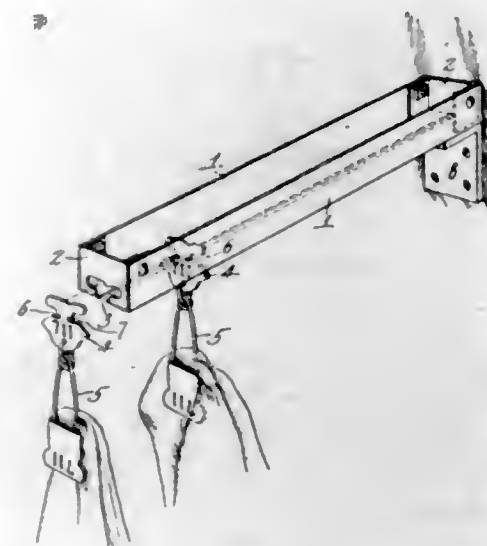
In a vehicle structure, a bottom, a superstructure having oppositely disposed edges extending below the under-surface of the bottom and oppositely disposed edges engaging the upper surfaces of the bottom for supporting the superstructure, a securing device carried by one of the downwardly extending edges and engaging the under-surface of the bottom and another securing device detachably cooperating with the bottom and another edge, whereby the superstructure is removable from the bottom only by a turning movement about an axis substantially parallel to the plane of the bottom to permit the separating of the first named securing device and the bottom.

1,642,962. VANITY BOX. ANKER S. LYHNE, Bridgeport, Conn. Filed Dec. 10, 1924. Serial No. 754,986. 10 Claims. (Cl. 132—83.)



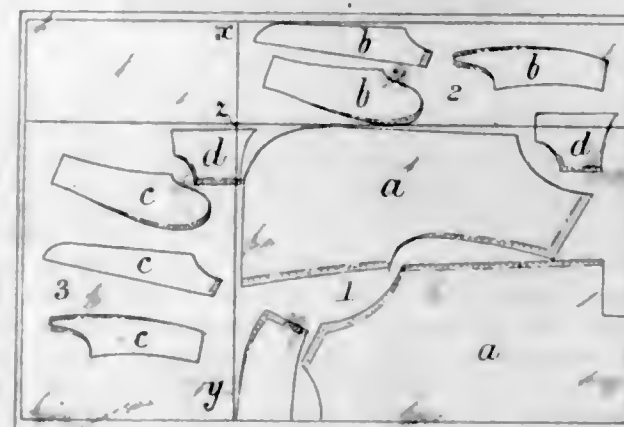
1. In a vanity box, hinged cover and body sections, and an insert for one of said sections comprising a cupped powder container provided with a laterally projecting flange about its upper periphery, and a cover for closing the same having a depression to fit tightly into the top of the cupped member and having a laterally extending flange to rest on the flange of the cupped member, the center portion of the cover being flexible and resilient and provided with openings for passage of powder.

1,642,963. LAUNDRY-CHECKING DEVICE. JOSEPH H. LYNCH, Asbury Park, N. J. Filed Dec. 22, 1926. Serial No. 156,365. 3 Claims. (Cl. 40—19.5.)



1. In a system of identification tags for laundry, the combination of a support having two parallel guiding rails spaced apart to form a slot between them, laundry checks having a constricted neck adapted to slide between the guides and an end-piece secured to the guides having an opening therethrough, the contour of said opening being individual to a contour on the check.

1,642,964. GARMENT-CUTTING DEVICE. GREIG ROWAN MATHER, London, England. Filed Aug. 27, 1926. Serial No. 131,999, and in Great Britain June 14, 1926. 5 Claims. (Cl. 33—12.)

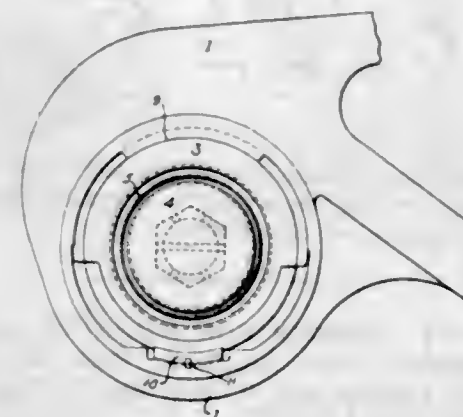


1. A device for cutting out garments comprising a sheet of material marked with patterns for parts of the same garment and divided into three substantially rectangular sections two of which contain patterns that are arranged on adjacent sides of the other part so that either of the said two may be selectively used with the said other part.

1,642,965. SIDE FRAME. PAUL J. McCULLOUGH, St. Louis, Mo., assignor to Scullin Steel Co., St. Louis, Mo., a Corporation of Delaware. Filed Feb. 14, 1927. Serial No. 168,043. 4 Claims. (Cl. 105—220.)

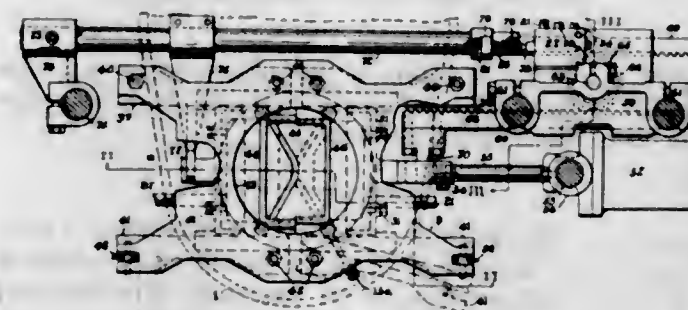
1. In a device of the character described, a side frame, a bearing ring retainer case cast integral with said side frame, a bearing ring retainer adapted to be contained

within said bearing ring retainer case, said bearing ring retainer and bearing ring retainer case being provided with convex and concave contacting faces, respectively, means for preventing circumferential rotation of said



bearing ring retainer with respect to said bearing ring retainer case, and a roller or ball bearing journal adapted to be contained in said bearing ring retainer, substantially as described.

1,642,966. APPARATUS FOR PRODUCING MOLD CHARGES OF MOLTEN GLASS. WILLIAM J. MILLER, Swissvale, Pa., assignor to Hartford-Empire Company, Hartford, Conn., a Corporation of Delaware. Filed Dec. 29, 1925. Serial No. 78,114. 41 Claims. (Cl. 49—55.)

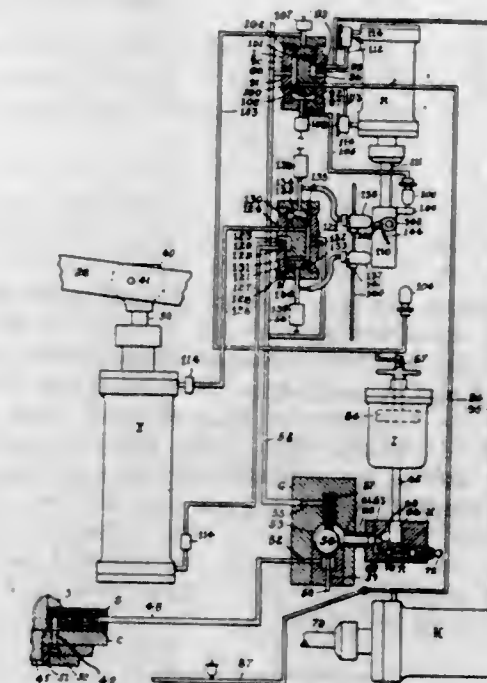


1. In apparatus for use with an outlet for the discharge of molten glass for producing mold charges, the combination of shear blades mounted for reciprocation towards and away from each other, a single fluid-pressure cylinder mechanism, direct operative connection between one of said blades and the piston rod of said fluid-pressure cylinder mechanism and indirect operative connection between the other blade and said fluid-pressure cylinder mechanism whereby said blades are simultaneously moved in alignment with each other and in opposite directions.

1,642,967. APPARATUS FOR PRODUCING MOLD CHARGES OF MOLTEN GLASS. WILLIAM J. MILLER, Swissvale, Pa., assignor to Hartford-Empire Company, Hartford, Conn., a Corporation of Delaware. Original application filed Sept. 23, 1919, Serial No. 325,616. Divided and this application filed Apr. 1, 1926. Serial No. 98,982. 8 Claims. (Cl. 49—55.)

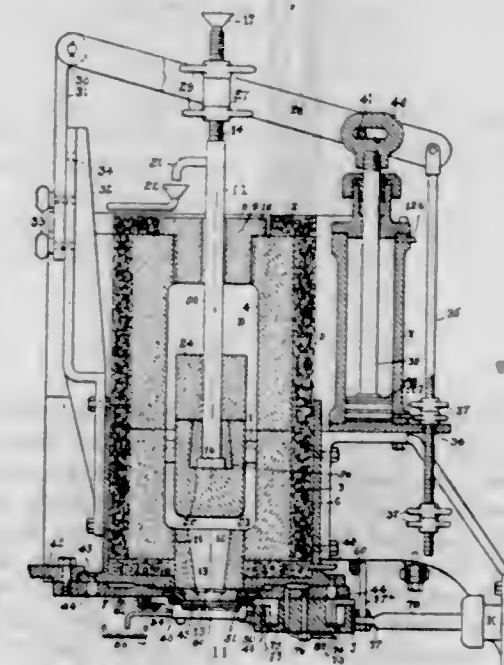
1. In combination with a container for molten glass provided with a discharge port, means coacting with said port for the discharge of glass therethrough at intervals, fluid pressure means for operating the latter, shearing means for severing gathers from the glass discharged from said port, fluid pressure means for operating said

shearing means, a valve controlling the admission of power to said first named fluid pressure means, a second valve controlling the admission of power to said second



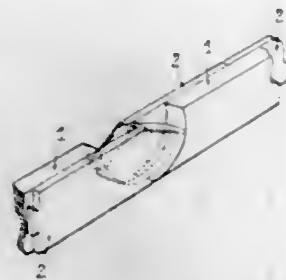
named fluid pressure means, and means whereby the operation of one of said valves is timed by the operation of the other of said valves.

1,642,968. APPARATUS FOR PRODUCING MOLD CHARGES OF MOLTEN GLASS. WILLIAM J. MILLER, Swissvale, Pa., assignor to Hartford-Empire Company, Hartford, Conn., a Corporation of Delaware. Original application filed Sept. 23, 1919, Serial No. 325,616. Divided and this application filed Apr. 1, 1926. Serial No. 98,985. 25 Claims. (Cl. 49—55.)



1. In shear mechanism for severing glass and the like, the combination of guideways disposed in converging paths, a pair of shear arms provided with cutting edges and having portions slidably engaging said guideways, and means for causing relative movement between said arms and said guideways to move said cutting edges toward and away from each other.

1,642,969. LINKING DEVICE. ALBERT MIRRA, Paris, France. Filed Feb. 20, 1926. Serial No. 89,741, and in France Dec. 1, 1925. 7 Claims. (Cl. 59-78.)



1. In a linking device a number of links each of which comprising a strip having its ends rounded in the shape of a circular arc and two V-shaped wings projecting from each rounded end of said strip and having less thickness than said strip, the exterior edge of each wing on the portion adjacent to the strip being the prolongation of the circular arc of the rounded end of said strip, each wing being adapted to be engaged with its two arms on either side of the two arms of the adjacent V-shaped wing of the next link, to fit into the rounded end of the strip of said next link and to be folded with its free arm lying on one face of said strip.

1,642,970. PERFORATOR. EDWARD A. RITCHEY, Huntington Beach, Calif. Filed Oct. 19, 1925. Serial No. 63,324. 1 Claim. (Cl. 81-195.)

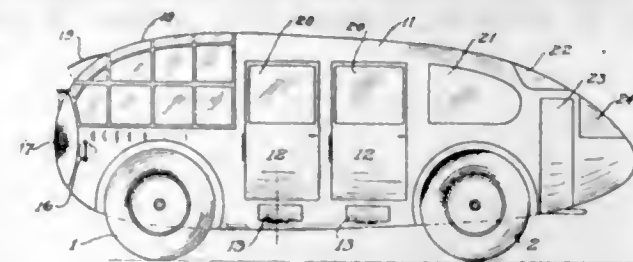


A perforator including a body, a cutter carried by the body, an operating member for the cutter, slips carried by the body operable to set the body in a casing, and control means for the slips, including a spring normally frictionally engaging the casing and a catch device controlling the movement between the spring and body, the catch device comprising a spring latch operable with the spring and a catch on the body to hold the latch during downward movement of the perforator and to release the latch upon upward movement of the body.

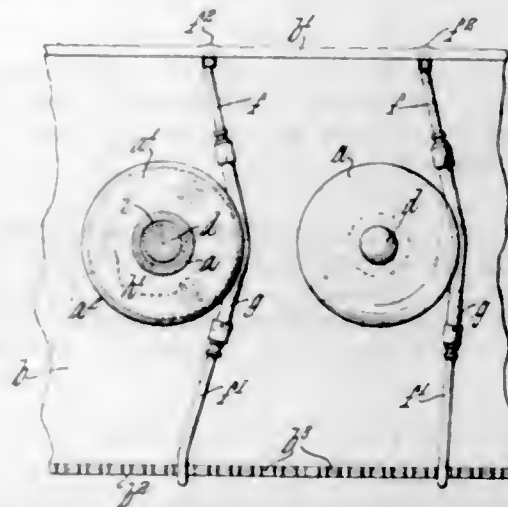
1,642,971. MOTOR CAR. INGEMAR K. RYSTEDT, Dayton, Ohio, assignor of one-half to Chester R. Snyder, Dayton, Ohio. Filed Apr. 22, 1925. Serial No. 24,974. 2 Claims. (Cl. 29-1.)

1. In an automobile, the combination of a full stream line-body comprising a glass enclosed front motor housing

and observation deck, passenger and auxiliary compartments, and external body attachments, side doors, all normally within the stream line of the body, and front and rear carriage wheels supported in laterally open recesses within the plane of the body.

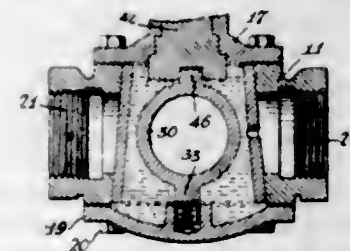


1,642,972. BOBBIN FOR SPINNING MACHINES. PETER SHARP, Perth, Scotland. Filed Dec. 21, 1926. Serial No. 156,143, and in Great Britain Sept. 10, 1925. 2 Claims. (Cl. 118-55.)



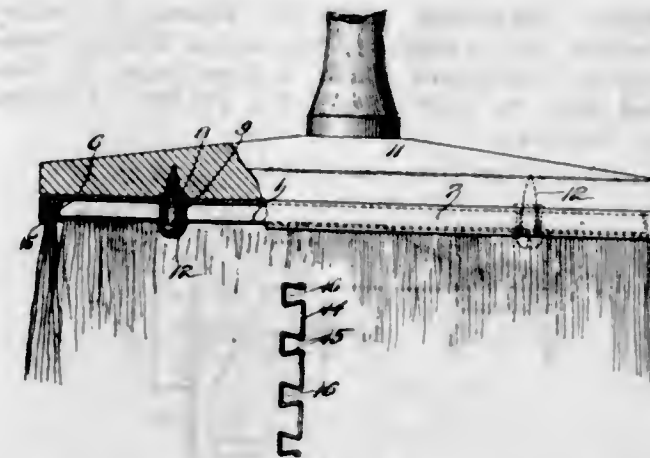
1. A drag for a spinning bobbin including an inextensible member and an elastic member in combination with said inextensible member.

1,642,973. STOPCOCK HAVING FLOATING PLUG. MARION R. SHIPLEY, Manhattan Beach, Calif., assignor, by mesne assignments, to Oil Appliance Manufacturing Corporation, Los Angeles, Calif., a Corporation of California. Filed May 24, 1926. Serial No. 111,203. 2 Claims. (Cl. 251-98.)



1. A stop cock comprising: a body having an inlet passage, an outlet passage, and a closed cavity between said inlet and outlet passages, said closed cavity being surrounded by a frusto-conical seat; a plug disposed in said closed cavity, said plug having a shell adapted to engage said frusto-conical seat, said shell being open at the ends, and a tube extending through a balance chamber formed by said shell, said tube having a plug passage connecting said inlet and outlet passages together when said plug is in open position, there being a duct in said shell for connecting said balance chamber to said inlet passage when said plug is in closed position; a pressure-transmitting substance substantially filling said balance chamber; and means for rotating said plug.

1,642,974. BRUSH. ANTON STEIDLE, Arlington, Mass., assignor to Burton-Boaton Brush Co., Cambridge, Mass., a Corporation of Massachusetts. Filed Nov. 23, 1925. Serial No. 70,749. 9 Claims. (Cl. 15-191.)

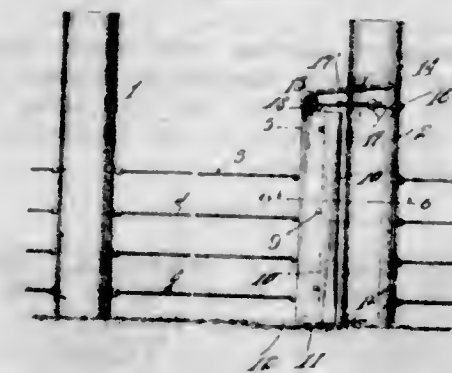


1. A brush comprising a casing; a channeled bristle carrying holder arranged within the casing; eyelet rivets connecting the casing and holder; and spacing washers surrounding the rivets between the casing and holder.

1,642,975. METHOD OF MANUFACTURING IRON OXIDE. HENRY CARLISLE STEWART, Philadelphia, Pa., assignor to The Westmoreland Chemical & Color Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed May 3, 1923. Serial No. 636,436. 2 Claims. (Cl. 23-200.)

1. The method of manufacturing iron oxide which comprises the delivery of dry copperas with a blast of air into a furnace and thereafter incinerating the said copperas within the said furnace.

1,642,976. GATE LOCK. ROBERT D. STEWART, Cleveland, N. Dak.; The First National Bank of Arlington, S. Dak., administrator of said Robert D. Stewart, deceased. Filed Oct. 20, 1926. Serial No. 142,923. 3 Claims. (Cl. 39-74.)



1. The combination with a gate, of a post, a lock beam carried by the gate and having a stop thereon, a crank shaft journaled longitudinally in the beam and having its lower end journaled in the roadway, the upper end of said crank shaft having an operating lever and an eye, a hook carried by the post for detachably engaging the eye, said lever being operable to swing the upper end of the crank arm into engagement with the stop and held engaged therewith by the tension of the gate.

1,642,977. MEASURING DEVICE. JOHN STORK, San Diego, Calif. Filed Apr. 29, 1926. Serial No. 105,539. 6 Claims. (Cl. 83-105.)

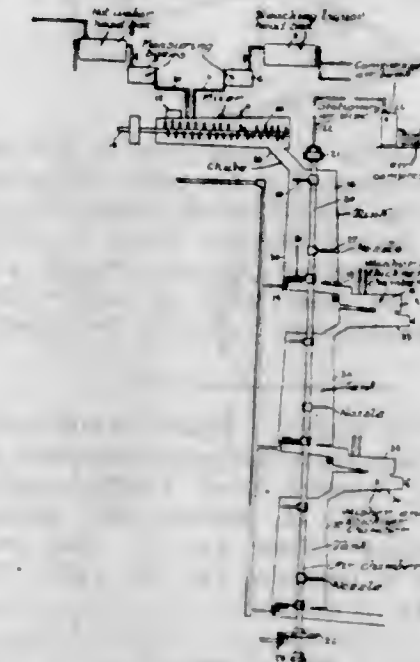
1. A measuring device comprising a frame, a plurality of supporting sections extendably associated with each other and with one of the sections secured to the frame, a

measuring tap supported in roll form within the frame, and brackets secured to certain of the supporting sections and having registering openings through which



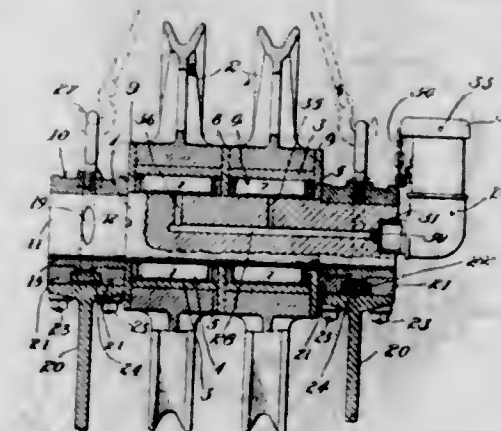
said tape is slidably extended, the outer end of the tape being secured to one of the supporting sections so as to move with said section as the latter is extended or folded.

1,642,978. PROCESS FOR BLEACHING AND LIKE PURPOSES. CARL BUSCH THORNE, Hawkesbury, Ontario, Canada. Filed Dec. 6, 1924. Serial No. 754,387. 15 Claims. (Cl. 8-2.)



1. The herein described bleaching process, comprising separating the fibers and introducing the bleaching agent with water to the material to be bleached, for impregnating said fibers and discharging the mixture into the bleaching receptacle and maintaining non-turbulence in the accumulation undergoing bleaching notwithstanding its constant discharge during operations.

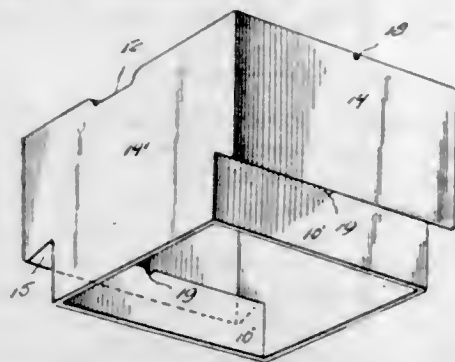
1,642,979. UNITARY STRUCTURE FOR CROWN SHEAVES. EDWARD TIMMS, Los Angeles, and LEWIS E. ZERBE, Moneta, Calif., assignors to Union Tool Company, Torrance, Calif., a Corporation of California. Filed June 23, 1924. Serial No. 721,847. 5 Claims. (Cl. 308-96.)



1. In a unitary structure for crown-sheaves and the like, the combination of a shaft, a sheave carried thereby, a box at each end of the shaft for supporting the same, each box comprising two separate sections, a pair of bolts corresponding to each box disposed on opposite sides of the shaft and connecting the sections of the box

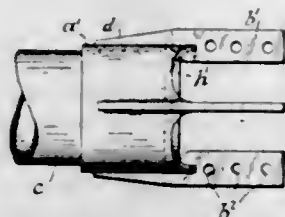
together, said shaft having transverse grooves receiving their corresponding bolts and operating to lock the boxes against dislodgement from the ends of the shaft.

- 1,642,980. FORM FOR MAKING HOLLOW BRICKS, TILES, AND THE LIKE. ARCH P. TURNER, San Antonio, Tex. Filed Jan. 29, 1927. Serial No. 164,602. 4 Claims. (Cl. 25-119.)



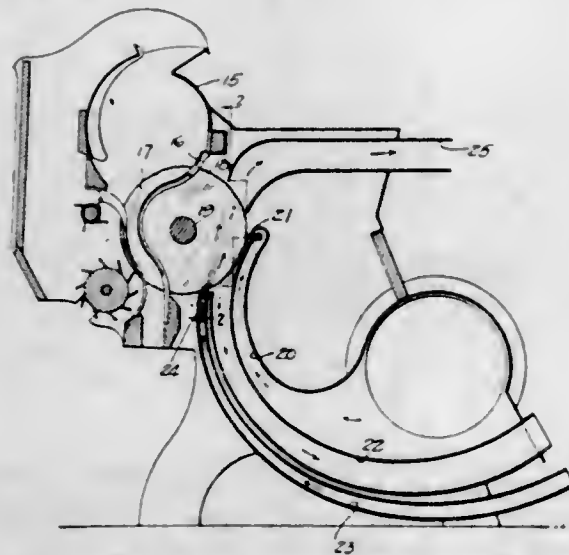
1. As a new article of manufacture, a core for a wet concrete form comprising a top plate having walls depending therefrom two of which merge into inwardly and upwardly directed portions which in turn merge into downwardly directed portions forming a box-like structure with the other walls of smaller dimensions than the box-like structure formed by the upper portions of the walls.

- 1,642,981. PIPE JOINT. GEORG WEISS and FRITZ GENTZKE, Zeesen, near Königswusterhausen, Germany, assignors to Schuette-Lang Luftfahrzeugbau- und Betriebs. G. m. b. H., Zeesen, near Königswusterhausen, Germany. Filed Feb. 7, 1924. Serial No. 691,318, and in Germany Feb. 10, 1923. 6 Claims. (Cl. 189-36.)



6. A pipe-joint comprising in combination, two sleeves, one of which is affixed to one, and the other to the other of two pipes to be jointed; lugs extending forth from both of said sleeves toward each other, and means for rigidly securing the lugs with respect to each other.

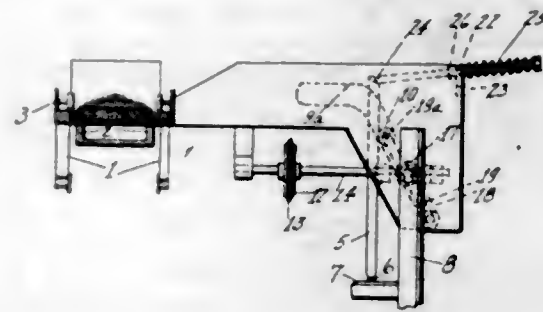
- 1,642,982. COTTON GIN. RAY L. WILLIS, Arvin, Calif. Filed Apr. 29, 1926. Serial No. 105,581. 5 Claims. (Cl. 19-55.)



1. A cotton gin having rotary saw blades, the teeth of which extend in the direction of rotation of the blades,

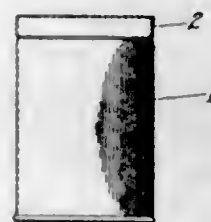
and pneumatic means for cleansing the seed cotton while on the blades and without removing the cotton therefrom, whereby the cotton will be cleaned during the ginning thereof.

- 1,642,983. MARKING DEVICE. ROBERT F. BECHT, Silverton, Ohio, assignor to The Kenton Baking Powder Company, Cincinnati, Ohio, a Corporation of Ohio. Filed Mar. 26, 1927. Serial No. 178,730. 5 Claims. (Cl. 101-44.)



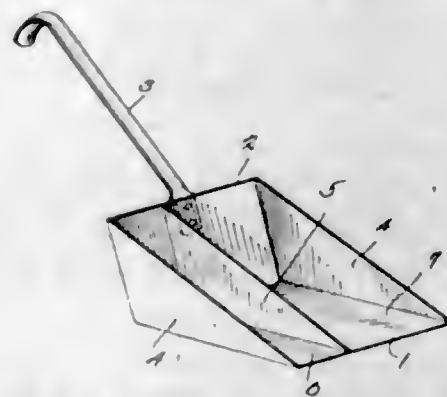
1. A stamping device comprising a stamper bar having an end thereof for the reception of a stamp, said stamper bar having guiding members extending therefrom at angles to the plane of movement thereof, means for actuating said bar connected thereto substantially in the alignment with the guides, yielding means for retaining said bar in a prescribed cycle of movement, and said actuating means timed in accordance with the rate of movement of articles to be stamped.

- 1,642,984. PROCESS FOR SEALING CANS. ROBERT F. BECHT, Silverton, Ohio, assignor to The Kenton Baking Powder Company, Cincinnati, Ohio, a Corporation of Ohio. Filed Mar. 26, 1927. Serial No. 178,731. 2 Claims. (Cl. 216-62.)



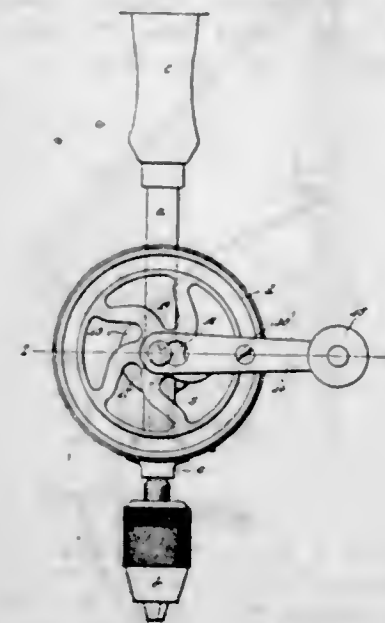
1. The process of labeling cans which consists in moistening the wrappers, applying a wrapper to each can, drying the wrapped can, and varnishing the side walls of the can subsequent to the application of the wrapper and drying thereof.

- 1,642,985. HOME-BAKER'S MEASURE. OLLIE E. BEEBE, Lansing, Mich. Filed Feb. 19, 1926. Serial No. 89,507. 3 Claims. (Cl. 73-62.)



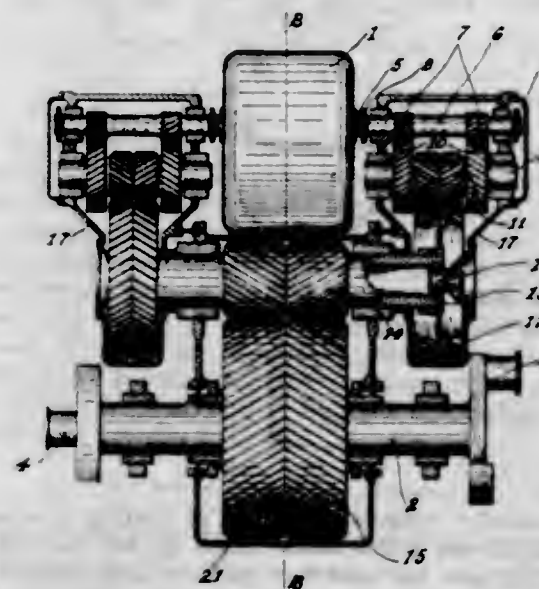
1. A measuring device including a scoop having a longitudinal partition parallel with the sides of the scoop, the top edges of the sides and partitions being disposed in the same plane.

- 1,642,986. HAND DRILL. CHRISTIAN BODMER and HARRIS J. COOK, New Britain, Conn., assignors to The Stanley Works, New Britain, Conn., a Corporation of Connecticut. Filed Nov. 9, 1925. Serial No. 67,728. 3 Claims. (Cl. 145-67.)



1. A hand drill having a body portion, a spindle journaled therein, a chuck on said spindle, a pinion on said spindle, a gear for driving said pinion, a fixed stud on said body portion and on which said gear is journaled, said stud having its outer end extending beyond said gear and provided with a circumferential groove, a handle having an arm provided with a portion adapted to engage in said groove whereby to hold said gear on said stud, and means for securing said handle against movement relative to said gear.

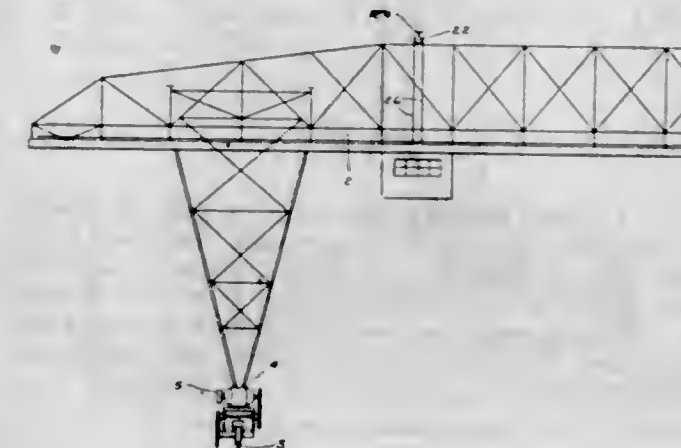
- 1,642,987. TURBINE-DRIVEN LOCOMOTIVE PROVIDED WITH MECHANICAL-POWER TRANSMISSION. FREDRIK LJUNGSTRÖM, Lidington-Brevik, and ISIDOR BRONER, Skarsatra, Lidington, Sweden, assignors to Aktiebolaget Ljungströms Ångturbin, Stockholm, Sweden, a Corporation. Filed Apr. 13, 1922. Serial No. 552,412, and in Sweden Feb. 23, 1922. 2 Claims. (Cl. 74-58.)



2. A turbine-driven locomotive having mechanical power transmitting means interposed between the turbine and the driving wheels of the locomotive, said power trans-

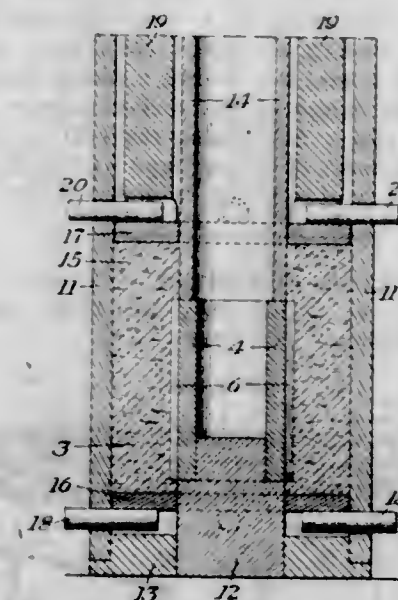
mitting means comprising spur gears for at least three consecutive gear ratios for the reduction of the speed of the turbine, a toothed wheel adapted for reversal, means for throwing said toothed wheel into and out of engagement with at least two adjacent spur wheels of the gearing, and means for throwing one of said latter spur wheels into and out of engagement with said toothed wheel and with said adjacent spur wheel, the slowest running shaft of the spur gearing without being itself a driving wheel axle being connected by means of coupling rods to at least one of the driving wheel axles.

- 1,642,988. SAFETY DEVICE FOR TRAVELING STRUCTURES. RAYMOND E. BROWN, Pittsburgh, Pa., assignor to Heyl & Patterson, Inc., Pittsburgh, Pa., a Corporation of Pennsylvania. Filed Feb. 19, 1927. Serial No. 169,558. 13 Claims. (Cl. 188-156.)



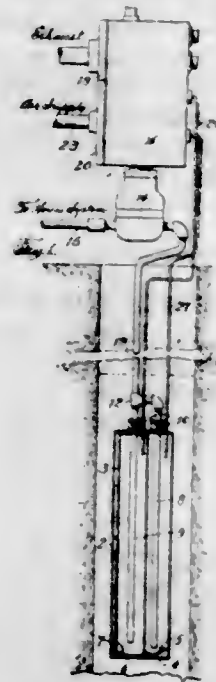
5. In combination with a traveling structure, vertically extending guides mounted on the structure, a wind actuated control device movable in the guides and a hoist for the device.

- 1,642,989. COMPRESSED-CORK ARTICLE AND METHOD OF MAKING THE SAME. HERMAN F. BUSCH, Millvale, Pa., assignor to Armstrong Cork Company, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed Apr. 28, 1926. Serial No. 105,201. 14 Claims. (Cl. 18-59.)



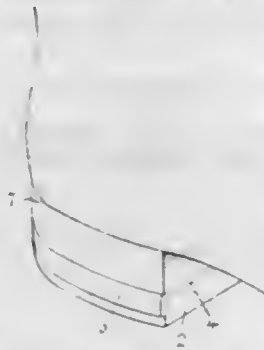
1. A pulley having a working surface of artificial cork compressed to a volume not over about 1/12 that of the uncompressed artificial cork mix.

1,642,990. WATER-ELEVATING APPARATUS. THOMAS E. CROCKETT, Eldorado, Kans. Filed Apr. 25, 1924. Serial No. 709,976. 7 Claims. (Cl. 103-234.)



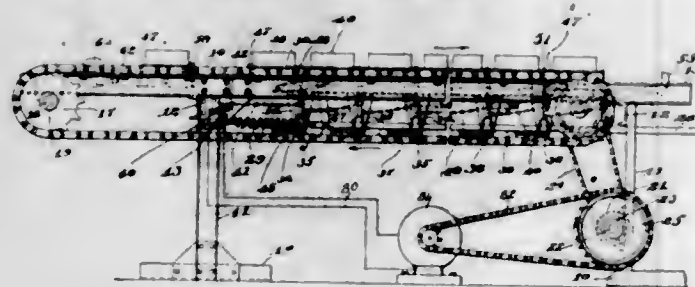
1. In a liquid pumping apparatus, a pair of gravity filled containers, one of which surrounds the other, a discharge pipe, independent connections from said containers to said discharge pipe, a motor driven by fluid discharged from said containers, and means controlled by said motor for causing alternate discharge from said containers through said motor.

1,642,991. HEEL-ATTACHING DEVICE. JAMES NOLAN FOWLER, Mobile, Ala. Filed Jan. 7, 1926. Serial No. 79,738. 1 Claim. (Cl. 36-36.)



A heel socket consisting of a base the full size of a heel, having a continuous flange forming a socket, in combination with a heel lift having a recess around three sides thereof, the flange of the socket member engaging said recess, and means for locking the heel in the socket, said heel being formed of rubber, and said locking means consisting of prongs struck out from the socket.

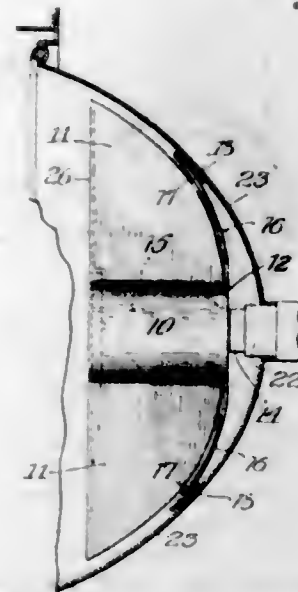
1,642,992. STORAGE CONVEYER. CLAUD E. FULLER, New York, N. Y. Filed Dec. 20, 1922. Serial No. 698,057. 3 Claims. (Cl. 198-34.)



1. In an improved storage conveyor, the combination of a pair of conveyer chains running parallel to, and spaced apart from, each other, aligning and release means

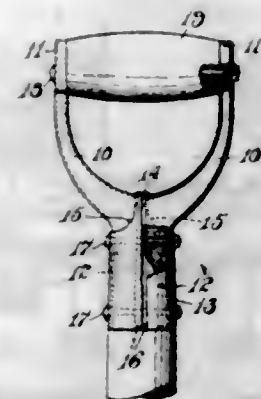
associated with said conveyer chains at the entrance end thereof, and means for stopping a plurality of pallets in succession associated with said conveyer chains.

1,642,993. HEADLIGHT-GLARE-PROTECTING DEVICE. RUSSELL C. HAINLINE, Clinton, Iowa, assignor to Fairchild Deflector Corporation, Clinton, Iowa, a Corporation of New York. Filed June 25, 1925. Serial No. 39,497. 8 Claims. (Cl. 240-48.6.)



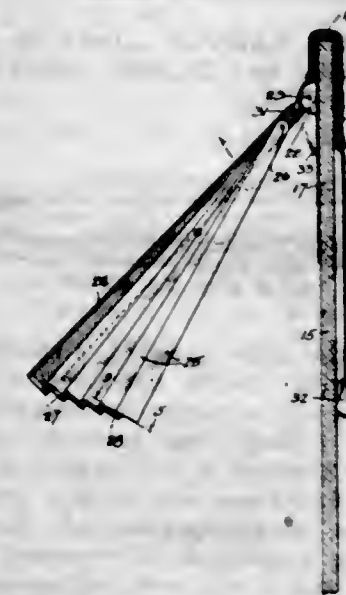
7. A one-piece shield attachable to a headlight reflector having therein a socket to which is removably secured an electric light bulb, the shield comprising a curved portion which extends past one side of the bulb to a point forwardly thereof, a connected rear wall through which the socket is extended in a manner to permit the bulb to bear against the forward side of the wall whereby the shield is secured in place, aligned wings extended laterally from the shield to one side of the light axis, and spring means connected with the shield bearing against the reflector at separated points, and disposed in a plane which coincides with the light axis, substantially as described.

1,642,994. D HANDLE. CARL L. HERTEL, Columbus, Ind., assignor to Carl L. Hertel and Edward Kitzinger, Columbus, Ind., a Copartnership. Filed July 16, 1926. Serial No. 122,766. 2 Claims. (Cl. 294-57.)



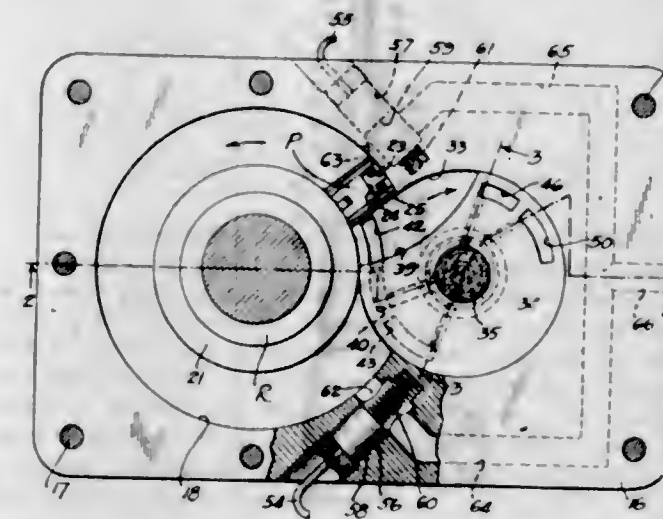
1. A D-handle comprising a pair of mating handle elements each having a half stale socket at one end, and an embracing thimble for said half sockets, said thimble having openings at each side at one end through which the stale receiving half sockets of the handle elements may be projected into the thimble, and an adjacent portion overlapping the handle elements diametrically of the thimble.

1,642,995. DIRECTION SIGNAL. LOUIS E. H. HUMER, Phoenix, Ariz. Filed May 19, 1926. Serial No. 110,208. 3 Claims. (Cl. 116-41.)



1. A direction signal comprising a U-shaped bracket, a U-shaped conduit on the bracket, a rounded projection on the bracket, a semaphore arm pivoted on the projection, and a cable connected to the arm at a point below the pivot thereof so as to engage said projection, said cable being trained through the conduit.

1,642,996. ROTARY STEAM ENGINE. HENRY CHARLES JOHNSON, Colton, Calif. Filed Feb. 25, 1925. Serial No. 11,603. 3 Claims. (Cl. 121-71.)

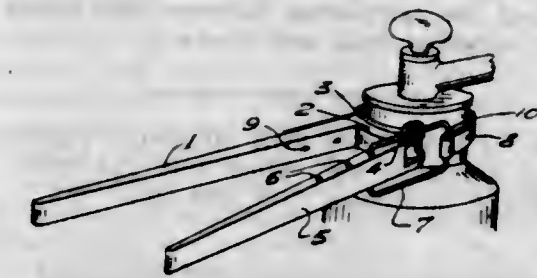


1. A rotary engine comprising a stator, a rotor in the stator to provide a chamber between the two, a piston on the rotor adapted to move in said chamber, a rotating valve having two sets of ports therein, one for delivering an expansible fluid to one side of the piston and the other for delivering an expansible fluid to the other side of the piston, and means for supplying an expansible fluid to one set of ports or the other, the ports of each set operating to supply separate charges of the expansible fluid to the same side of the piston and successively for the purpose described.

1,642,997. BRAKE FOR CREAM SEPARATORS. JOHN MARTIN, Amorita, Okla. Filed Sept. 9, 1926. Serial No. 134,488. 1 Claim. (Cl. 188-77.)

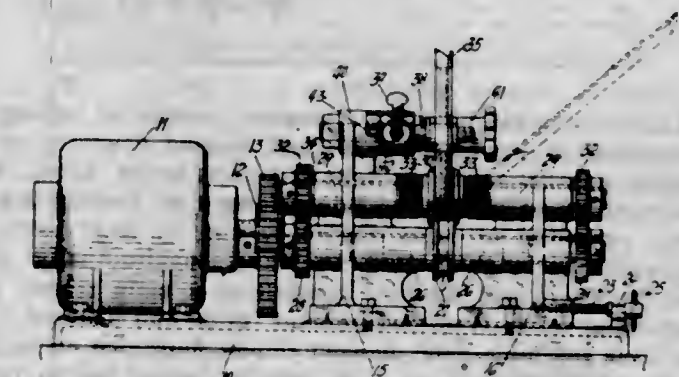
A brake mechanism comprising a lever provided at its end with an angularly disposed arm having an arcuately curved outer face, a pliable band applied to the opposite side of said lever and having a curved portion in arcuate

alignment with the arcuate face of said arm portion, a second lever connected with the outer end of the arm



portion and means for connecting the free end of said band with the intermediate portion of the second mentioned lever.

1,642,998. TRIMMER FOR STRIP MATERIAL. FREEMAN D. MASON, Akron, Ohio, assignor to The Bridgewater Machine Company, Akron, Ohio, a Corporation of Ohio. Filed Dec. 22, 1925. Serial No. 76,988. 6 Claims. (Cl. 164-61.)



6. Apparatus of the class described, cooperating rotary disc knives, shafts on which said knives are mounted, bearings for said shafts, one of said shafts being longitudinally adjustable a slight distance in its bearing whereby one knife may be adjusted into shearing relationship with the other, and means for securing said shaft in adjusted positions comprising a single nut threaded thereon between the knife and the adjacent end of the bearing and operable against said end of the bearing.

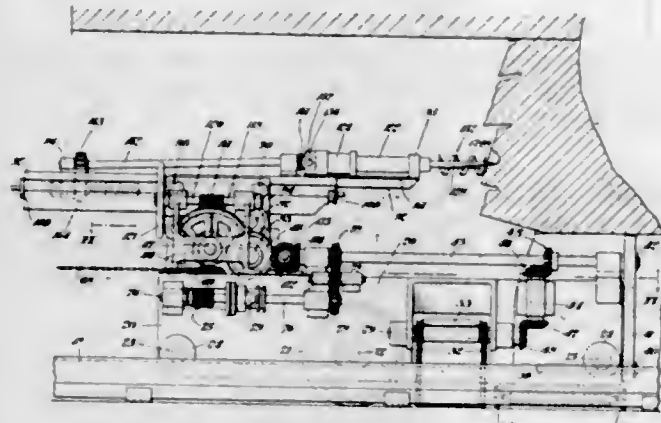
1,642,999. BOTTLE-EXCHANGE RECEPTACLE FOR CONTAINING MILK BOTTLES. PATRICK T. McLAUGHLIN and WILLIAM ANDERSON, Miami, Okla. Filed Jan. 9, 1926. Serial No. 80,283. 1 Claim. (Cl. 232-41.)



A bottle exchange comprising a tubular casing open at its opposite ends and provided at its inner surface and at a point between its ends with an annular depression, a

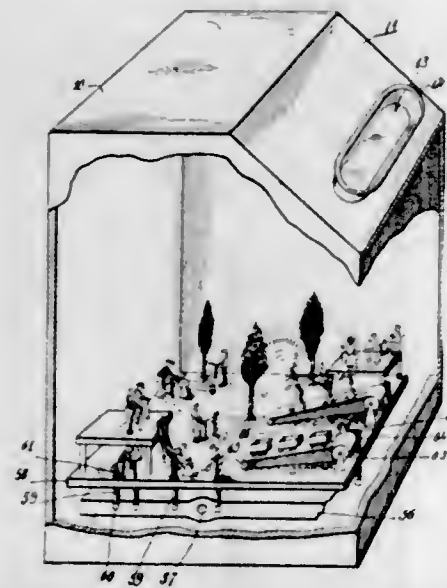
bottle retaining element consisting of a resilient wire having sections folded upon each other forming fingers, said fingers being inwardly inclined toward each other and the material of the wire lying between the fingers being arcuately curved to fit in said groove.

1,643,000. APPARATUS FOR MINING. FREDERICK B. MILLER, Scottsdale, Pa. Filed July 31, 1926. Serial No. 126,260. 9 Claims. (Cl. 262-9.)



1. A mining machine for a longwall system of mining, comprising in combination, a rigid framed conveyor extending parallel with the longwall face to be mined, a combined undercutting, breaking down and loading machine extending at right angles to and at least partly supported on and adapted to travel longitudinally of said conveyor, said machine comprising a main frame, a supporting roller journaled on said frame and adapted to ride over the mine floor, flanged rollers journaled on said frame and supported on said conveyor, power means for moving said machine into the coal to be mined, undercutting means carried by said frame, and power operated pick mechanism carried by said frame for breaking down the undercut coal.

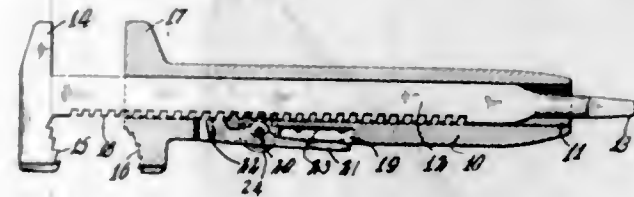
1,643,001. MECHANICALLY-OPERATED FIGURE TOY. EUGENIO AGNELLI, New York, N. Y. Filed May 13, 1926. Serial No. 108,730. 4 Claims. (Cl. 46-40.)



1. In an amusement machine of the class described, a container, a horizontal platform mounted in said container between the upper and bottom ends thereof, a plurality of figures comprising pivotally attached parts mounted on said horizontal platform spaced apart longitudinally and laterally thereof; a platform pivotally mounted below said horizontal platform adapted to be rocked upon a horizontal axis, and a plurality of levers operatively connected at their upper ends with the pivotally attached parts of said figures and pivotally attached at their lower ends to said pivotally mounted platform on opposite sides of said

axis for simultaneously imparting various degrees of pivoted movement to the parts of the laterally and longitudinally spaced figures.

1,643,002. MONKEY WRENCH. JOHN M. BESZCZAK, Woburn, Mass. Filed May 29, 1925. Serial No. 33,628. 1 Claim. (Cl. 81-134.)



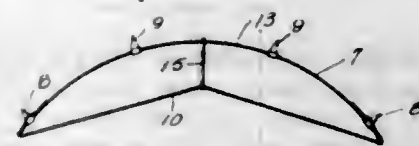
In a wrench of the class described, a chambered body member provided with circular apertures, a pintle pin comprising eccentric cam elements for engaging said circular apertures, a locking lever pivotally mounted on said pintle pin and disposed in the chamber of said body, a spring disposed under one end of said lever adapted to project the same outwardly from said chamber, said projected end being adapted to be depressed for disengaging the opposite end of said lever, and means for rotating said pin to position the projected end of said lever in said chamber to prevent depression thereof.

1,643,003. SECTIONAL FISHING ROD. ANTONI CHROMCZAK, Utica, N. Y. Filed Mar. 27, 1924. Serial No. 702,294. Renewed Aug. 13, 1927. 5 Claims. (Cl. 43-18.)



1. A fishing rod comprising a number of telescopic sections, hinged latch arms adapted to engage behind certain of said sections to lock the same extended, and rods to which said latch arms are hinged and adapted by longitudinal movement to move said latch arms to inoperative position, and a bolt adapted to engage the rear one of said rods to lock the latter with the latch arm hinged thereto in operative position.

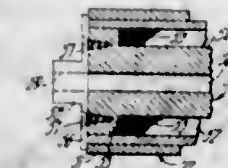
1,643,004. HAT-SIZE REDUCER. LEON COHEN, St. Louis, Mo. Filed Mar. 31, 1924. Serial No. 703,292. 9 Claims. (Cl. 132-59.)



1. A hat size reducer comprising a crescent shaped cover, a flexible strip of spring material located within said cover and along the convex edge thereof, prongs car-

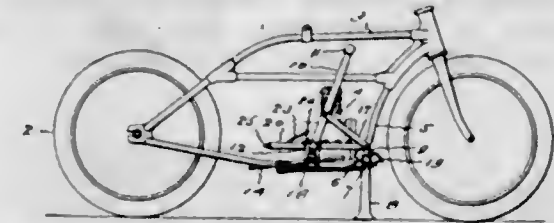
ried by said strip and projecting from the convex edge and at an angle thereto and through said cover, an elastic strip located within said cover along its concave edge, said elastic strip having its ends secured to the ends of the flexible strip, the radius of curvature of the convex edge being greater than the radius of curvature of a hat crown, whereby the tension set up in the flexible member when the device is placed within a hat will hold the prongs in engagement with the hat crown.

1,643,005. TYPEWRITING MACHINE. CORNELIUS B. CORCORAN, deceased, New York, N. Y., by Michael J. Corcoran, administrator, Brooklyn, N. Y., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed June 20, 1925. Serial No. 38,428. 3 Claims. (Cl. 197-147.)



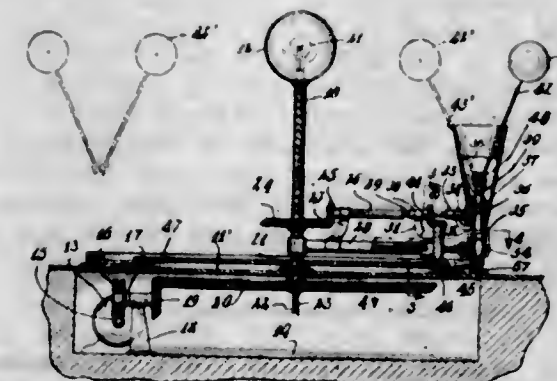
1. A platen for a typewriting machine, including a spool-like core of wood having a flange at each end, layers of tightly wrapped thread around said core, arranged to fill the space between said flanges, a sleeve of closely fitting soft rubber around said flanges and said thread layers, and a closely fitting facing jacket of relatively hard rubber over said soft rubber sleeve.

1,643,006. MOTOR-CYCLE SUPPORT. BEN B. DRISCOLL, Hartford, Conn., assignor of one-half to Sylvester B. Disenza, Hartford, Conn. Filed Aug. 31, 1926. Serial No. 132,837. 3 Claims. (Cl. 208-79.)



1. A motorcycle support comprising a bar adapted to be rotatably attached to and extend transversely across the lower part of the front of a motorcycle frame, legs fixed to the outer ends of said bar and rotatable therewith, a rocker arm connected with and adapted to rotate said bar and legs, a handle lever with means adapted to pivotally connect the lever with the frame of a motorcycle, a link connecting said lever and the rocker arm, and a spring connected with said bar and adapted to be fastened to a motorcycle frame.

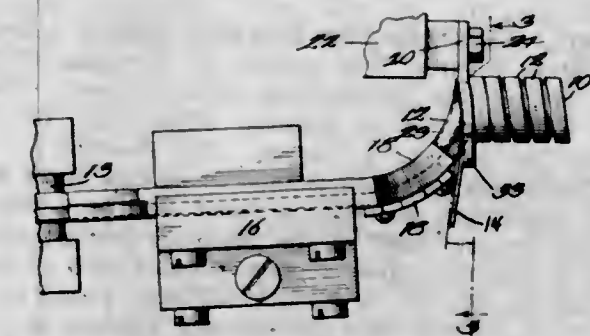
1,643,007. ASTRONOMY DEVICE. MICHAEL EVANUK, Tottenville, N. Y. Filed Nov. 30, 1926. Serial No. 151,758. 2 Claims. (Cl. 35-3.)



1. In a device of the class described a base comprising a substantially horizontal platform, an elliptical track mounted on said platform, a circular track comprising

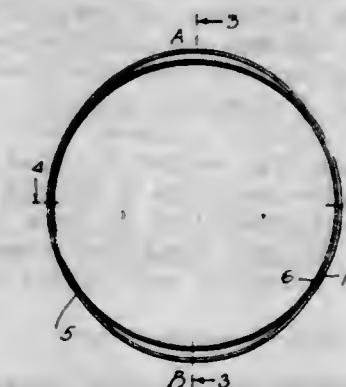
teeth inscribed in said elliptical track, a vertical shaft rotatively mounted on said platform and extending therebelow substantially at the center of the ellipse bounded by said track, a gear rigidly mounted on the lower end of said shaft and disposed below said platform, a motor disposed below said platform, driving mechanism operatively connected with said motor and with said gear for rotating the latter, an extensible arm attached at one end to said vertical shaft, a carriage comprising a wheel mounted on said track on the other end of said extensible arm, said carriage being adapted to be revolved through an elliptical path, an inverted hollow conical member mounted on said carriage, a shaft mounted on said carriage extending within said conical member, a bevel gear rotatively mounted on said shaft, a universal joint mounted on said bevel gear, a rod connected by said universal joint to said bevel gear and reclined upon the edge of said inverted hollow conical member, a sphere on the upper end of said rod and driving mechanism operatively connected with the teeth of said circular path for rotating said sphere during the elliptical revolution thereof, said rod being adapted to roll on the edge portion of said conical member for guiding the sphere in a circular path at one and the same time.

1,643,008. HOOK FOR FORMING STEEL TUBING. JAMES FENTRESS, Chicago, Ill., assignor to Chicago Tubing & Braiding Company, Chicago, Ill., a Corporation of Illinois. Filed June 22, 1922. Serial No. 570,091. 8 Claims. (Cl. 113-35.)



1. A hook for laterally bending metal tubing strip of suitable cross section to form a proper tube, the same comprising an initially flat plate of suitable thickness to lie between the walls of one half of the section of the strip, there being through the plate a perforation for finished tubing, and a slit in the plate outward from one point in said perforation so that a tube strip may pass through said slit into and around the perforation and thence out of the slit as described, the plate being laterally bent adjacent to the slit and about the perforation for the purposes set forth.

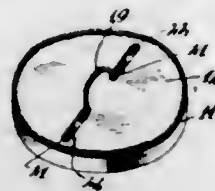
1,643,009. CAN OR RECEPTACLE. FRANK HENRY GOUFFE, Carlisle, Pa. Filed Aug. 1, 1925. Serial No. 47,530. 1 Claim. (Cl. 220-43.)



A can comprising a body having a cylindrical wall, and a cover having a depending flange cylindrical in contour at its point of connection with the cover so as to normally fit and have uninterrupted contact with said wall, to thereby provide a hermetic seal between the wall and

flange, said flange having portions at diametrically opposed points flared downwardly and outwardly from the point of connection with the cover to the free edge of the flange, so that the latter is provided with a long axis and a short axis, whereby upon exerting inward pressure against said portions, the flange will be expanded along the line of its short axis to thereby release the cover from the body.

1,643,010. **BUTTON.** JOHN H. HERMAN and GEORGE W. JONES, New Castle, Pa. Filed Dec. 22, 1926. Serial No. 156,383. 2 Claims. (Cl. 24-103.)



1. In a garment button, the combination with a front plate having a flanged portion slidably engaging over a flanged portion of a back plate provided with a movable catch member, of a locking member inside the front plate, and below the flanged portion of the back plate, extended elements formed therefrom and bent parallel to the locking member, forming hooks engageable with the movable catch to lock the catch in closed position.

1,643,011. **PROCESS FOR MAKING BREAD.** CHARLES B. HILL, Glencoe, and GEORGE L. TINTNER, Chicago, Ill., assignors to Northwestern Yeast Company, Chicago, Ill., a Corporation of Illinois. Filed Sept. 10, 1925. Serial No. 55,624. 8 Claims. (Cl. 99-10.)

1. The herein described method of making bread dough which consists in mixing dry yeast with a portion of the predetermined total of the yeast-nourishing materials which ultimately go into a predetermined unit of dough, allowing the mixture to stand a sufficient length of time to revivify the dry yeast and thereby produce an active starter, and then compounding such starter with the remainder of the predetermined total of materials to produce said dough.

8. The step in the process of making bread dough, which consists in adding dried yeast to a suitable solution of yeast food consisting of sugar, malt extract and yeast nourishing salts to-wit ammonium sulphate, calcium phosphate ($\text{Ca}_3(\text{PO}_4)_2$) and calcium sulphate and permitting the revivification and growth of the yeast preparatory to using the product as a starter in making bread.

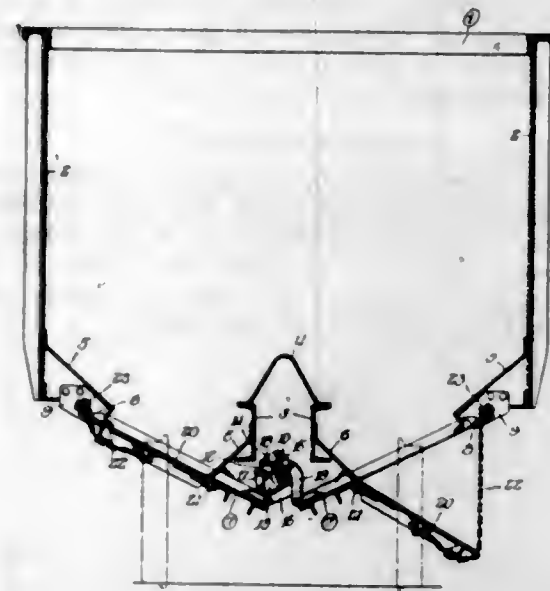
1,643,012. **PROCESS OF MAKING BREAD.** CHARLES B. HILL, Glencoe, and GEORGE L. TINTNER, Chicago, Ill., assignors to Northwestern Yeast Company, Chicago, Ill., a Corporation of Illinois. Filed Oct. 26, 1925. Serial No. 65,054. 3 Claims. (Cl. 99-10.)

1. The step in the process of making bread dough which consists in adding wet live yeast to a suitable yeast nourishing medium of ammonium sulphate, calcium phosphate ($\text{Ca}_3(\text{PO}_4)_2$), calcium sulphate, malt extract and sugar, and allowing this mixture to stand a sufficient length of time for the yeast cells to multiply greatly and become strengthened preparatory to using them in the dough in place of the usual dough requirements of yeast, yeast foods, yeast activators, malt extract and some of the sugar.

1,643,013. **SELECTIVE DUMP CAR.** DAVID HINDAHL, Chicago, Ill., assignor to Rodger Ballast Car Company, Chicago, Ill., a Corporation of Maine. Filed July 3, 1924. Serial No. 723,892. 4 Claims. (Cl. 105-261.)

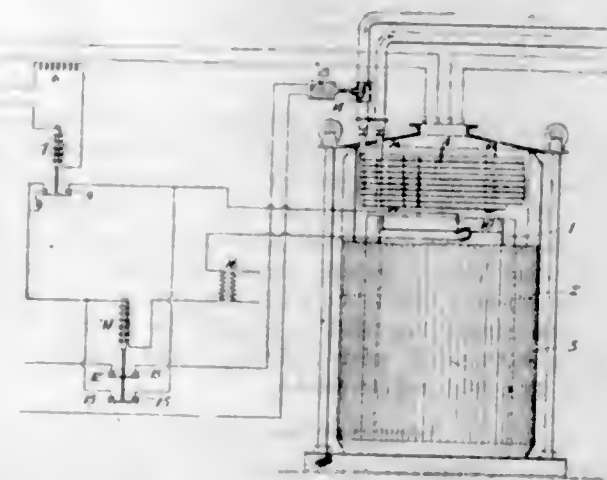
1. In a railway dump car, in combination, means providing a pair of laterally disposed hopper bottoms, closures

for said bottoms, means for operating said closures to permit dumping between the rails upon which said car is mounted, and means for controlling said closures to permit dumping laterally of said rails simultaneously with



said dumping between the rails, said center dumping control means having a relatively uniform adjustment, said control means for dumping laterally of said rails being such as to permit rapid changes through a relatively wide range in the flow of dumpable material.

1,643,014. **COOLING SYSTEM FOR ELECTRICAL APPARATUS.** JOSEPH BERNHARDT HODTUM, Bellevue, Pa., assignor to Pittsburgh Transformer Company, a Corporation of Pennsylvania. Filed Dec. 7, 1925. Serial No. 73,697. 8 Claims. (Cl. 175-361.)

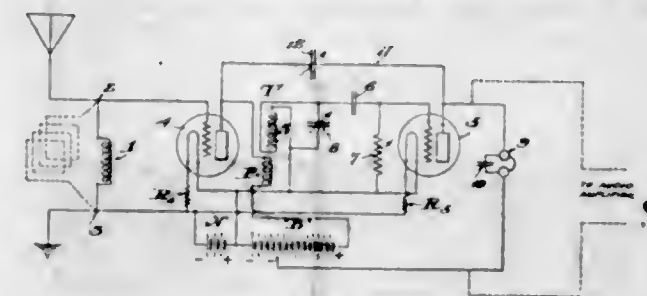


1. In a cooling system the combination with electrical apparatus immersed in oil in a container adapted to radiate heat to cool said oil, of means for circulating an auxiliary cooling fluid within said container comprising valve means and a control therefor adapted to open said valve upon the occurrence of predetermined load conditions and to close said valve upon the occurrence of predetermined temperature conditions comprising a switch device actuated by the load current and a co-operating temperature operated thermostat switch.

1,643,015. **RADIO RECEIVING CIRCUITS.** ERNEST W. HOUSE, Birmingham, Ala. Filed Aug. 27, 1925. Serial No. 52,913. 6 Claims. (Cl. 250-20.)

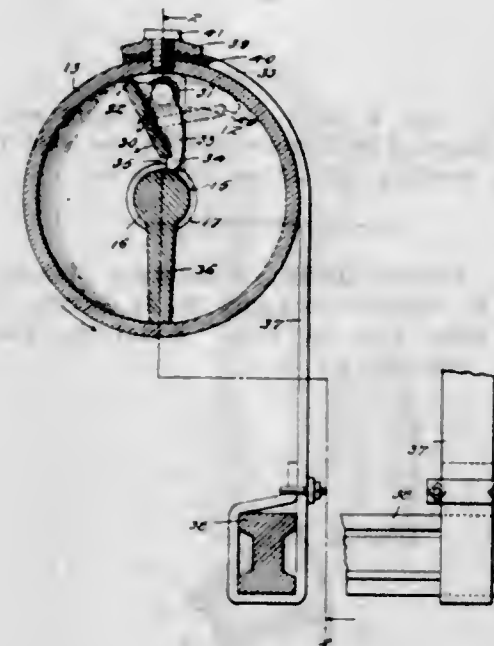
1. In a signaling system, the combination of thermionic tubes having plate, grid and filament electrodes, and in-

cluding an amplifier tube and a detector tube operatively associated with each other, and a direct coupling be-



tween the plate electrodes of the amplifier tube and detector tube, said coupling including means for controlling the energy transfer between said plate electrodes.

1,643,016. **SNUBBER.** FLOYD A. HURR, Mansfield, Ohio. Filed May 1, 1926. Serial No. 106,076. 8 Claims. (Cl. 188-89.)

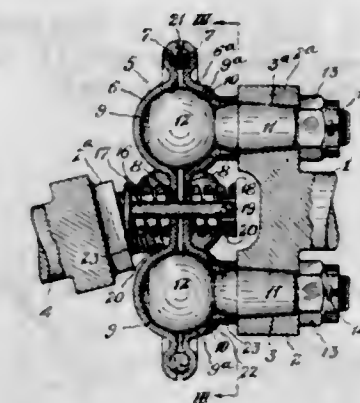


1. In a snubber, a stationary shaft, a drum rotatable upon the shaft, the shaft having a piston substantially fitting the interior of the drum, a valve pivoted within the drum and opening in response to pressure applied to one face thereof, said valve having an opening formed therein and with the exception of said opening sealing the space between the drum and said shaft against the passage of pressure when applied to the opposite face thereof, one wall of the drum affording a bearing through which the shaft extends and including means for packing the shaft, said wall of the drum having in its shaft confronting face a groove in communication with the interior of the drum between the piston of the shaft and the first named face of the valve when the valve is in the closed position.

1,643,017. **UNIVERSAL COUPLING.** GEORGE H. HUFFORD, Detroit, Mich., assignor to Thompson Products Inc., Cleveland, Ohio, a Corporation of Ohio. Filed Feb. 26, 1926. Serial No. 90,843. 4 Claims. (Cl. 64-96.)

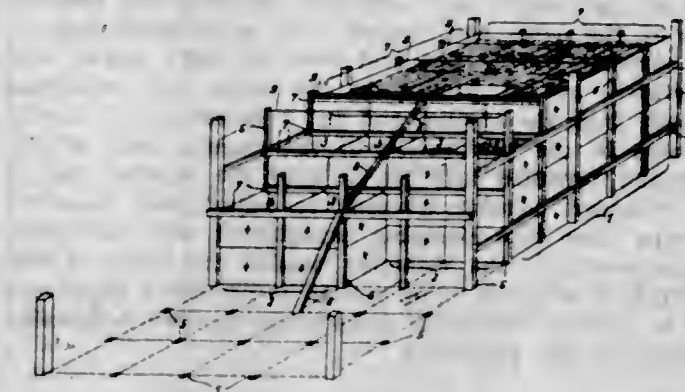
1. A universal coupling comprising driving and driven members each having radial arms at its ends, an intermediate member adapted to transmit rotary motion from the driving to the driven member consisting of two mating parts each having spherically curved ball seats,

ball studs having their balls seated in the ball seats and with the shanks of alternate ball studs connected to the driving and driven members, respectively, the ball being



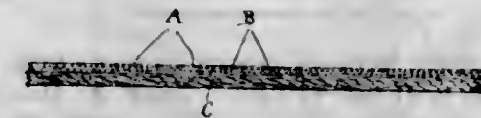
of a diameter to slightly space apart the mating parts of the intermediate member, and yielding means constantly pressing the mating parts toward each other.

1,643,018. **PLANT FOR FERMENTING AND STORING ORGANIC MANURE, FOODSTUFFS, AND THE LIKE.** FRITZ KRANTZ, Munich, and HEINRICH KRANTZ, Bad-Naumburg, Germany. Filed Nov. 15, 1922. Serial No. 601,187, and in Germany Nov. 15, 1921. 2 Claims. (Cl. 20-1.)



1. An apparatus for the fermentation and subsequent storage of manure, food stuffs and the like, which apparatus consists of a plurality of upright posts, removable wall units adapted to cooperate with said posts to form walls, each complete unit so formed including a plurality of said wall units one above another, and removable elements cooperating with said posts for retaining said wall units in position, said posts and retaining elements being constructed and arranged to permit the removal of the individual wall units in any desired order.

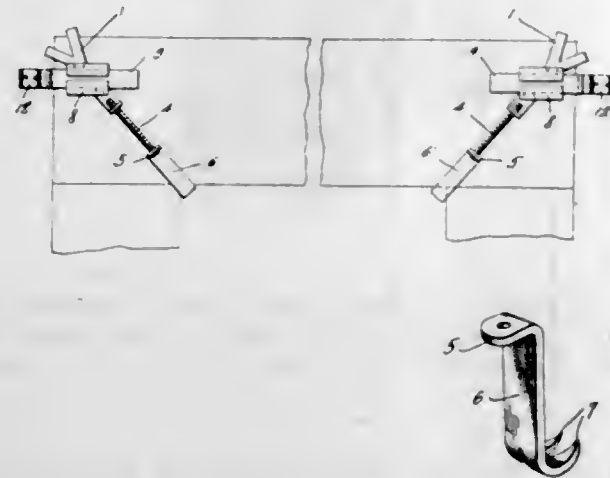
1,643,019. **STENCIL SHEET.** WILLIAM H. KURTH, Chicago, Ill., assignor to The Hoyer Duplicator Co. Inc., Chicago, Ill., a Corporation of Illinois. Filed Dec. 6, 1926. Serial No. 152,806. 8 Claims. (Cl. 41-38.6.)



1. A stencil sheet comprising a fine, unsized tissue paper coated with a material comprising a solid, con-

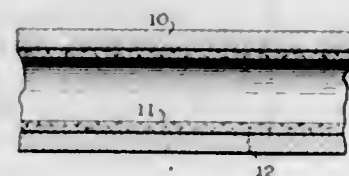
tinuous phase impervious to oil, a liquid oily phase dispersed therein, and a preservative to prevent the oil from becoming rancid, and breaking down of the solid phase.

1,643,020. SHADE AND CURTAIN HOLDER. GEORGE LAVOIE, Fall River, Mass. Filed Mar. 17, 1926. Serial No. 95,397. 2 Claims. (Cl. 156-24.)



1. A holder of the class described including a Y-shaped member having the ends of its arms bent at right angles and the extremities extended parallel with the arms and pointed, the stem of said member having its outer end bent at right angles in a direction opposite the angular ends of the arms and formed with a threaded hole, a jaw member having one end bent at right angles and perforated, curved prongs on the other end extending opposite from the angular end and a threaded bolt loosely mounted in the perforation of the angular end, of the body and threaded into the hole of the angular end of the Y-shaped member whereby to adjust said members to bring them into clamping engagement with an object, blocks secured to the Y-shaped member and being of substantially L-shape in cross section to provide a guide-way and a curtain and shade supporting member adjustably mounted in the guide-way.

1,643,021. CONSTRUCTION OF PIPES AND THE LIKE. OTTO G. LUYTIES, New York, N. Y.; Hilda M. Ridder and Gustav A. Lanzka administrators of said Otto G. Luyties, deceased. Filed Mar. 1, 1920. Serial No. 362,590. 13 Claims. (Cl. 137-75.)

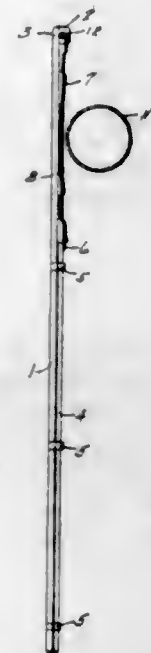


3. In construction of pipes and the like, in combination, a pipe having extending along its interior a body comprising cork, a fibrous substance, and binding means.

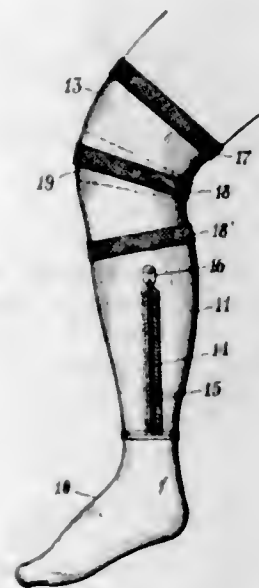
1,643,022. TOOL FOR PLACING CLEARANCE WRAPPERS ON BOILER TUBES. JOHN A. MACDOWELL, St. Louis, Mo. Filed Dec. 31, 1925. Serial No. 78,630. 1 Claim. (Cl. 81-3.)

In a device of the kind described, a handle bar having a working end; a fastening pin at the working end of the handle bar; a latch bar slidably mounted in connection with the handle bar, the said latch bar having a working end disposed adjacent the working end of the

handle bar; and a latch at the working end of the latch bar disposed in alignment with the said fastening pin at the working end of the handle bar.

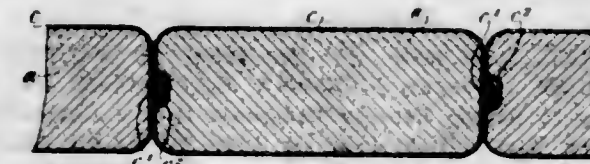


1,643,023. STORM HOSE. FRANCESCO MARINO, Brooklyn, N. Y., assignor to Laura M. de Suarez, Brooklyn, N. Y. Filed Aug. 19, 1926. Serial No. 130,151. 4 Claims. (Cl. 36-2.)



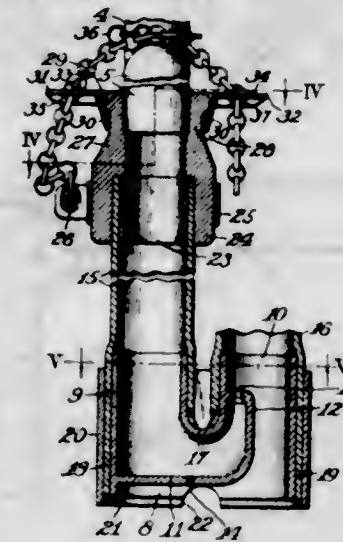
4. In a storm hose of the class described, a leg element, an outer member adapted to cover the knee portion thereof, an elastic member and a second elastic member attached at the upper and lower edges of the said outer member, the said elastic member and second elastic member being also attached to the storm hose, so as to form a pocket, a self-fitting member adapted to fit the knee of a wearer, protecting strips attached to the inner and outer surfaces of the self-fitting member, said self-fitting member being positioned in the said pocket so as to permit the self-fitting member to slide therein to accommodate the said wearer's knee.

1,643,024. SECTIONAL RUBBER PAVEMENT. ALFRED F. MASURY and AUGUST H. LEIPERT, New York, N. Y., assignors to International Motor Company, New York, N. Y., a Corporation of Delaware. Filed July 17, 1924. Serial No. 726,441. 5 Claims. (Cl. 94-13.)



1. A paving block comprising a block of rubber and means to retain said material under compression.

1,643,025. VESSEL EMPTYING OR FILLING APPLIANCE. CHARLES W. MEGGENHOFEN, Indianapolis, Ind. Filed July 5, 1923. Serial No. 649,679. 1 Claim. (Cl. 162-1.)

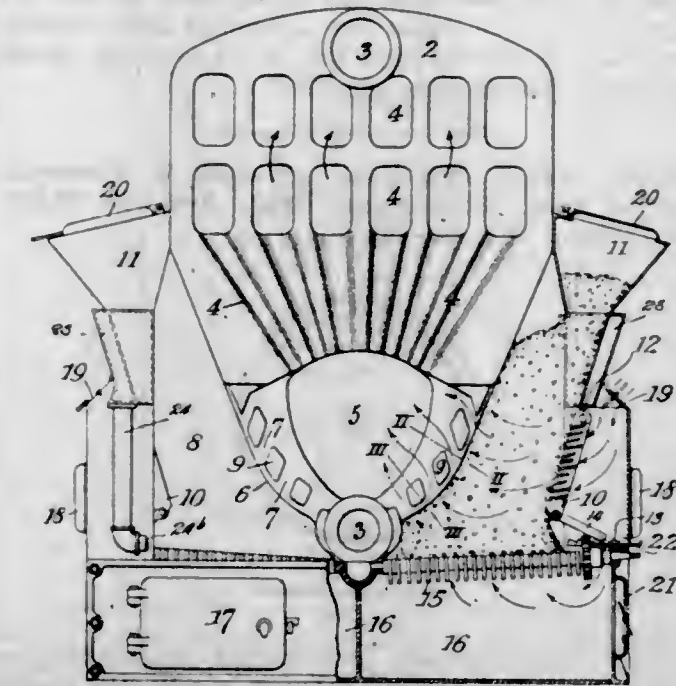


In a vessel-emptying or filling appliance, the combination of a hollow ejector body that is entirely open at its lower end with a notch in the bottom of its wall and two parallel adjacently arranged hollow necks on the upper portion of the body, a duct in the lower portion of the body connected with the two necks separately from the lower portion of the body, a jet-nozzle connected to the end of the duct and extending into one of said necks, two flexible hose sections connected to said necks respectively on the outside thereof and having portions extending downwards and about the body, and a flexible band extending tightly about the extensions of the hose sections and downward beyond the lower end of the body, the lower edge of the band having recesses therein.

1,643,026. HEATER. EDGAR C. MOLBY, Brooklyn, N. Y., assignor to Iron Products Corporation, New York, N. Y., a Corporation of Delaware. Filed May 9, 1921. Serial No. 468,028. 2 Claims. (Cl. 122-212.)

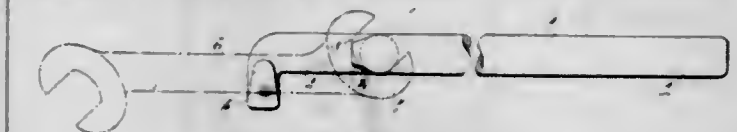
1. In a sectional heater, the combination of a water front; a sectional approximately vertically disposed grate forming with the water front one side of the fuel chamber, said grate being adjustable in a generally horizontal direction independently of the water front; a bottom grate; a plurality of water legs opposite said front and said vertical grate, said legs being spaced apart at their lower ends opposite said grate to afford draft passages,

the parts so far enumerated forming a fuel magazine and beneath this a cross-draft fire pot; and releasable means for fixing said vertical grate in adjusted positions



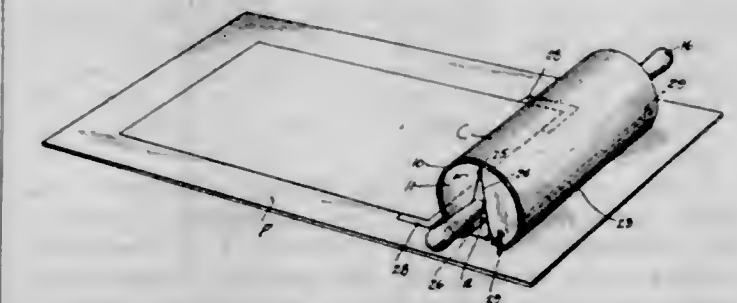
suited to the nature and condition of the fuel, said means being capable of manipulation while the heater is in operation.

1,643,027. EXTENSION HANDLE FOR WRENCHES. MERLE MORGAN, Steubenville, Ohio. Filed Aug. 4, 1925. Serial No. 48,119. 4 Claims. (Cl. 81-180.)



1. An extension handle for wrenches comprising a handle proper, there being a flat laterally off-set portion extending forwardly of and connected with the handle proper by a short lateral portion, said forwardly extending flat off-set portion having its axis parallel with the axis of the handle, the front of said extension having a laterally projecting U-shaped stirrup to receive the shank of the wrench whose jaws receive said lateral portion, said U-shaped stirrup being extended below the plane of the handle and forward extension thereof and all being arranged whereby when the wrench is placed in position it will lie with its axis in substantially the same direction as the axis of the handle proper and flatwise against said flat off-set portion, substantially as shown and described.

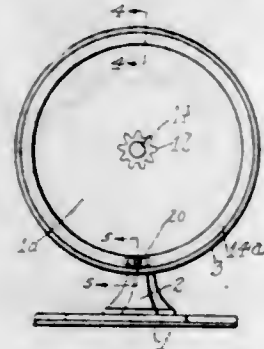
1,643,028. STENCIL DUPLICATING DEVICE. ERNEST E. MORLAN, Los Angeles, Calif. Filed June 1, 1926. Serial No. 113,049. 10 Claims. (Cl. 110-126.)



1. A stencil duplicating device comprising a body having a wall provided with a curved surface adapted for rolling movement over the surface of a sheet to be imprinted

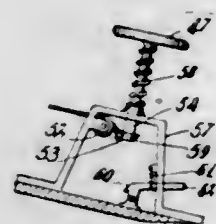
upon movement of the body over the sheet, a stencil sheet overlying said wall, an inking sheet secured to the body and interposed between said wall and stencil sheet, and means yieldingly acting to draw the stencil sheet into snug engagement with said inking sheet so that the stencil sheet will be placed and maintained under tension, to thereby prevent the formation of slack in the stencil sheet during the printing operation.

1,643,029. LOUD SPEAKER. CHARLES W. PETERSON, Detroit, Mich. Filed Dec. 30, 1925. Serial No. 78,288. 10 Claims. (Cl. 181-31.)



1. In a cone diaphragm loud speaker, the combination of a supported ring, a cone diaphragm, a split ring located within the supported ring, and means concealing the split in the latter ring and held thereto, said means engaging a notch in the cone diaphragm.

1,643,030. OPERATING DEVICE FOR AUTOMOBILE HEADLIGHT SHUTTERS. GILBERTO N. PRESS, Ennis, Tex., assignor of one-tenth jointly to George O. Wilson and D. C. Biggers, Dallas, Tex. Filed May 24, 1926. Serial No. 111,100. Renewed Aug. 13, 1927. 4 Claims. (Cl. 240-45.6.)



2. In a device of the class described, having shutters, the combination of cords for operating the shutters, a frame, a control pedal slidable therein, a spring acting between the frame and the pedal normally elevating the pedal, a base piece with an upturned edge secured on the bottom of the pedal, a latch pivoted to a stationary member adjacent the bottom of the frame, the said base piece being engageable with the latch, a spring normally urging the latch into operative position, a foot piece projecting from the latch and protruding from the frame, and a pulley mounted on the frame near the base piece of the pedal when the pedal is in raised position, the said cords passing over the pulley and being attached to the base piece.

1,643,031. FILTERING MEDIUM AND PROCESS OF MAKING SAME. ROBERT N. RIDDLE, Philadelphia, Pa., assignor to Riddle Process Company Inc., a Corporation of New York. Filed Mar. 28, 1922. Serial No. 547,552. Renewed Feb. 12, 1927. 4 Claims. (Cl. 252-3.)

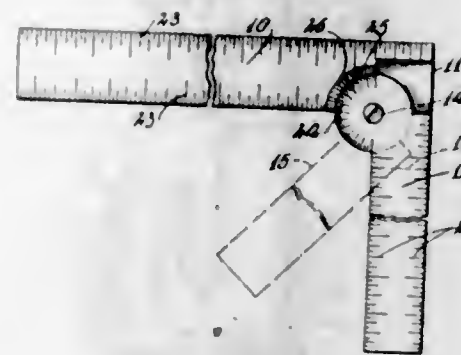
1. The process of forming a filtering body which comprises the following steps: first, saturating a mass of finely divided soft coal with a solution of an alkali-metal carbonate and allowing the said solution to crystallize; second, air drying said mass at a temperature below the point of fusion of said carbonate; third, heating the dried mass in a reducing atmosphere at and below the temperature of red heat; fourth, further heating the mass to

a coking temperature in the presence of a material which will combine with the volatile constituents of the coal; fifth, treating the mass so produced with a material which will remove the compounds formed in the coking steps, leaving as a residue a mixture of pure carbon with the alkali-metal carbonate, and, sixth, separating out the carbonate, leaving the body of finely divided, porous carbon.

1,643,032. PROCESS OF MAKING A FILTERING MEDIUM. ROBERT N. RIDDLE, Germantown, Pa., assignor to Riddle Process Company, Inc., a Corporation of New York. Filed June 14, 1923. Serial No. 645,355. Renewed Feb. 12, 1927. 3 Claims. (Cl. 252-3.)

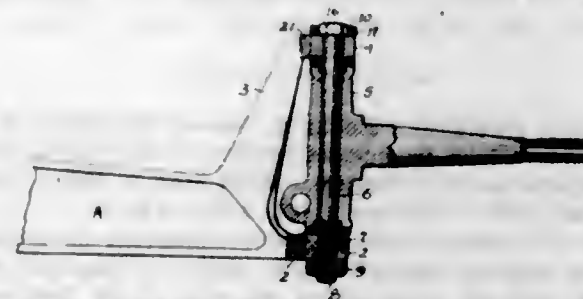
1. The process of forming a filtering body which comprises the following steps: forming a dry crystalline mass of an alkali-metal carbonate combined with a uniformly disseminated finely divided body of soft coal, subjecting said mass to the action of a reducing gas at temperatures below 290 degrees centigrade until the gases evolved burn with a blue flame, and then subjecting the residue to temperatures progressively increasing from 650 to 1050 degrees centigrade in presence of nitrogen gas, and passing dry steam over the coked mass, and washing the solid residue subsequently remaining to remove the alkalies therefrom.

1,643,033. FOLDING STEEL SQUARE AND PROTRACTOR. GEORGE S. SCHVEZ, New York, N. Y. Filed Apr. 13, 1926. Serial No. 101,684. 1 Claim. (Cl. 33-118.)



In a device of the class described, a main member grooved at both sides of one extremity, a movable member pivotally attached to said main member, and formed with a dovetailed recess, a supplementary main member formed at one end with a dovetail tongue engageable in said dovetailed recess, a spring depending from said supplementary main member, serrations formed in said dovetailed recess, and said spring being formed with an enlarged extremity engageable against said serrations.

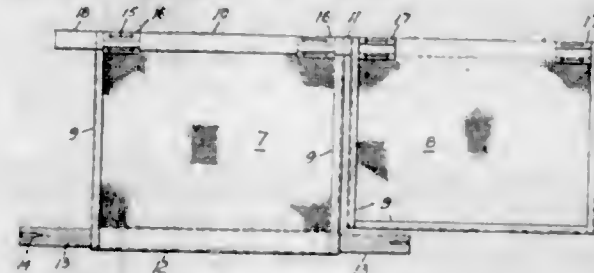
1,643,034. STEERING KNUCKLE. RALPH SIRE, Cleveland, Ohio. Filed Oct. 21, 1926. Serial No. 143,072. 9 Claims. (Cl. 280-96.1.)



9. An axle having forked extremities, one of said extremities having a recess in its top, a steering knuckle, a pivot bolt for said steering knuckle screw-connected with one of said axle extremities and having a head seated within the recess in the other extremity, a separate collar

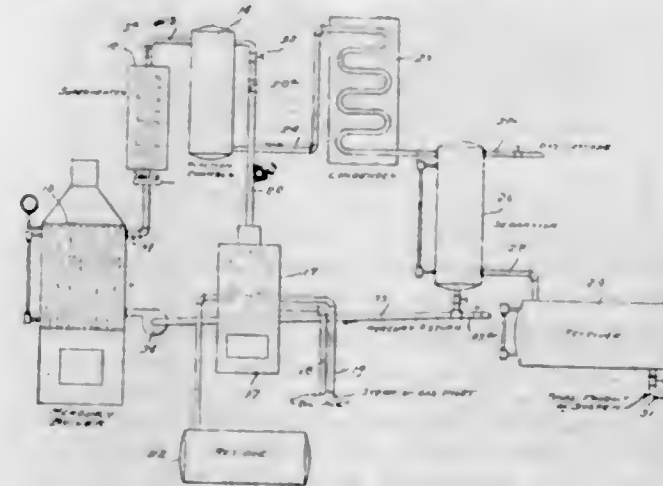
adapted to be sleeved over the bolt head and to be rotated within the said recess together with said head, and means adapted to lock said collar fixedly within said recess.

1,643,035. HAIR CURLER. KATE MCCOLLUM STAHL, Los Angeles, Calif. Filed Apr. 11, 1927. Serial No. 182,637. 7 Claims. (Cl. 132-43.)



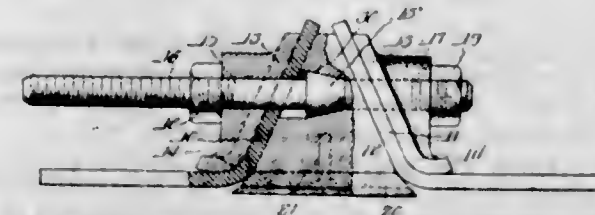
6. A hair curler comprising a pair of mesh fabric members and means on the members for detachably coupling them together along one edge; the said members being flexibly hinged together at one corner of the coupling edge; and one of said members provided with a flexible band along the edge opposite to that of the coupling edge and extending from each side of the member; the said extensions being of elastic material and having holding hooks at their ends.

1,643,036. METHOD OF AND APPARATUS FOR TREATING HYDROCARBONS. CHARLES P. TOLMAN, Kew Gardens, N. Y. Filed Aug. 26, 1926. Serial No. 131,572. 2 Claims. (Cl. 196-197.)



1. In the method of cracking hydrocarbon compounds the steps which consist in vaporizing mercury, superheating the produced vapor to above the desired cracking temperature, subjecting the hydrocarbon to vaporizing conditions, but without causing substantial cracking thereof and commingling the hydrocarbon vapor produced with said superheated mercury vapor, said mercury vapor being of such thermal quality as to temperatures and heat units as to constitute substantially the sole source of heat for said cracking reaction.

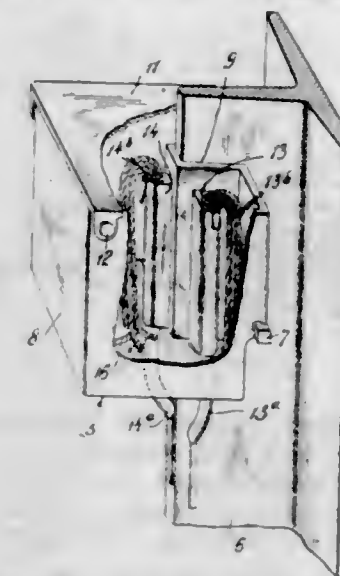
1,643,037. BELT CLAMP. EDWIN VOLLRATH, Easton, Pa. Filed Jan. 31, 1927. Serial No. 164,786. 17 Claims. (Cl. 24-37.)



1. In a belt clamp, the combination of a pair of clamp bars, a filler block of triangular cross-section against the sloping sides of which the belt ends lie, and means rigidly clamping together said clamp bars, belt ends and filler block.

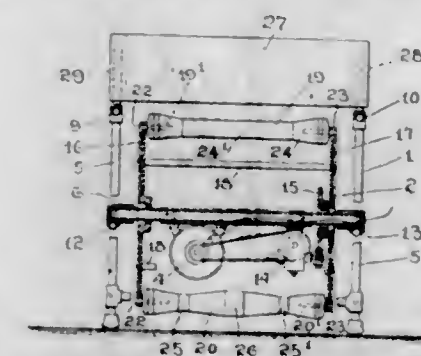
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1,643,038. GUIDE-RAIL LUBRICATOR. EDMUND WEIGLE, Bergenfield, N. J., assignor, by mesne assignments, to Raymond Winship Bristol, doing business as Atlas Elevator Device Co., New York, N. Y. Filed Aug. 15, 1923. Serial No. 657,491. 4 Claims. (Cl. 184-22.)



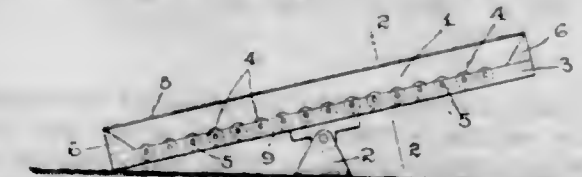
1. A lubricator for elevator guide rails comprising a reservoir having a re-entrant portion in one wall thereof extending vertically from the bottom to the top of the reservoir, a pair of laterally arranged set screws threaded into said reservoir for clamping the reservoir in stationary position upon the guide rail to be lubricated, with the faces of said rail within said re-entrant portion of the reservoir, and means for continuously feeding lubricant from the reservoir to the surfaces of said rail while the lubricator remains in the stationary position.

1,643,039. MASSAGE MACHINE. JERE L. WENTZ, Passaic, N. J. Filed Sept. 22, 1925. Serial No. 57,825. 4 Claims. (Cl. 128-57.)



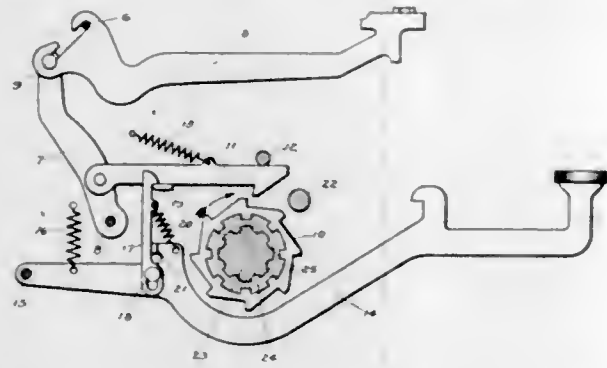
3. In a device of the character described the combination of two side frame members having a detachable back mounted thereon, an axle supported by said frame members, a motor supported by said axle, a pair of spaced wheels journaled to rotate on said axle, connecting bars between said wheels, gear means operatively connecting said motor and said wheels, diametrically opposed sockets around the periphery of said wheels and rollers having pins thereon adapted to fit in said sockets.

1,643,040. MASSAGE MACHINE. JERE L. WENTZ, Passaic, N. J. Filed Nov. 23, 1925. Serial No. 70,747. 4 Claims. (Cl. 272-57.)



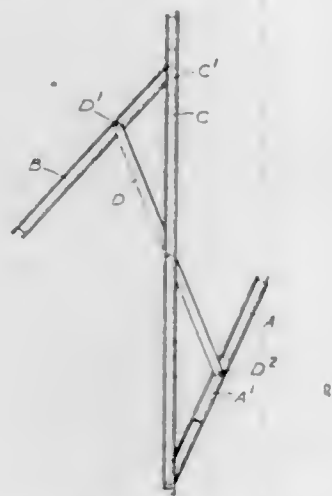
4. In a massage machine, the combination of a stand, a table fulcrumed on said stand to tilt, and massaging rollers rotatably mounted on said table, whereby an operator positioned on said tilted table will slide thereover and be massaged by said rollers.

1,643,041. POWER MECHANISM. ANTHONY F. WILLIAMS, Rochester, N. Y., assignor to North East Appliances Inc., Rochester, N. Y., a Corporation of New York. Filed Jan. 13, 1926. Serial No. 81,126. 2 Claims. (Cl. 197-17.)



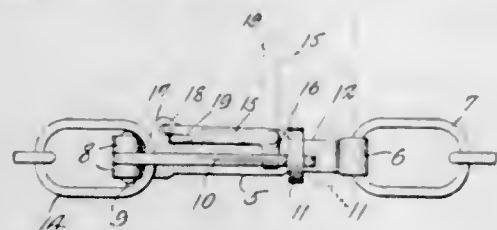
1. A rotary power member, for cooperation with type-bar actuators or the like, comprising: a rigid central shaft, a series of toothed rings concentric with said shaft, and a body of yielding resilient material interposed between and rotatively connecting said shaft and rings.

1,643,042. WINDOW. JACK WILLIAMS, Chester, England, assignor to Williams & Williams Limited, Chester, England, a Company of Great Britain. Filed Dec. 4, 1926. Serial No. 152,651. and in Great Britain Mar. 8, 1926. 3 Claims. (Cl. 20-42.)



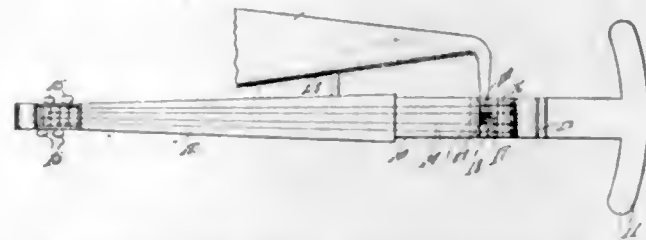
1. In a sash window the combination of a frame, a lower sash hinged at its lower end to the said frame, an upper sash, pivots on which the upper sash is mounted to slide in the frame, and links pivoted at a point between their ends to the side members of the frame and connected at their ends to the sashes.

1,643,043. AUTO CHAIN FASTENER. HENRY I. WILLIS, Cofax, Wash. Filed Aug. 28, 1926. Serial No. 132,173. 4 Claims. (Cl. 24-69.)



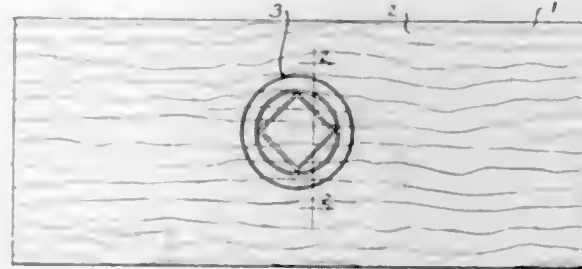
1. A locking link for chains including a body portion, means for securing a link of a chain to one end of a body portion, a locking arm pivotally supported by the body portion, and said arm adapted to be swung over a link of a chain, said arm having a cut out portion in its upper surface, a ring member carried by the body portion and adapted to be slid over the body portion, and means for forcing the arm upwardly into engagement with the ring member to lock the arm against movement.

1,643,044. MUSICAL INSTRUMENT. BENJAMIN A. ASKELOSON, Mazenod, Saskatchewan, Canada. Filed July 28, 1925. Serial No. 46,622. 2 Claims. (Cl. 84-296.)



2. A musical instrument including a body, a rockable bridge supported pivotally on the body, strings supported on the bridge, a sound reproducer supported below the body and operatively connected with the bridge by an arm on the said bridge, an arcuate bar bearing on the strings in advance of the bridge and having notches receiving the strings and a stem rigidly carried by the arcuate bar and pivotally engaged with the pivot of the bridge, said stem being taut to maintain said bar in firm engagement with the strings, whereby to cause the vibration of the bridge and of all of the strings through the medium of the strings being played upon.

1,643,045. ORNAMENTAL ARTICLES OF MANUFACTURE AND METHOD OF PRODUCING THE SAME. FREDRICK H. AULD, Columbus, Ohio. Filed Aug. 27, 1926. Serial No. 131,975. 4 Claims. (Cl. 41-35.)



1. The herein described product, consisting of an article of manufacture a part of which comprises a base, a metal plate wrought with an ornamental design and a veneer of wood overlying the article and the plate, inlaid in the depressions about the design and removed over the tracery to expose the design, the wood and metal being united by a binder of celluloid.

1,643,046. PRINTING FORM AND METHOD OF PRODUCING SAME. ERNEST S. BALLARD, Eureka, Calif. Filed Mar. 19, 1926. Serial No. 96,020. Renewed Dec. 8, 1926. 11 Claims. (Cl. 101-401.)



1. The method of producing printing forms or surfaces for use in photogravure and like processes, consisting of providing on a permanent base a layer of material with which the metal used thereon for printing will not permanently unite, and providing a thin coating of the required metal on the said layer base by electrodepositing the said metal thereon, the coating being adapted to be readily stripped from the base after use.

4. The method of producing printing forms or surfaces for use in photogravure and like processes which consists in applying to a permanent base a layer of material of low fusibility which may be distributed evenly over said

permanent base and polished to a mirror smoothness conforming to the surface of the base itself, and coating said layer with a metallic coating on which the image to be printed may be received.

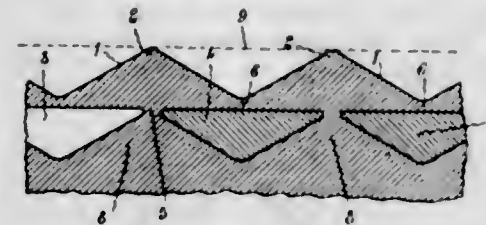
7. A printing form for use in photogravure, rotary photogravure and like processes consisting of a permanent base, and a multiplicity of layers of metal on same, the exterior layer being electrodeposited thereon, and adapted to receive the image to be engraved thereon, the connection between said exterior layer and the next adjacent layer being such that said exterior layer is capable of being bodily removed from said form by merely stripping away.

1,643,047. METHOD OF DRYING YEAST. ARNOLD K. BALLS, Philadelphia, Pa. Filed Dec. 13, 1923. Serial No. 680,528. Renewed Aug. 16, 1927. 9 Claims. (Cl. 99-5.)

2. The herein described product comprising a mixture of dried yeast and substantially 30 per cent by weight of cellulose.

4. The process of drying yeast which comprises adding cellulose to a yeast and drying it at a temperature between 20° C. and 40° C.

1,643,048. JAW OR BREAKER PLATE FOR STONE CRUSHERS AND THE LIKE. POUL BECHGAARD, Dalby, Sweden. Filed Oct. 30, 1926. Serial No. 145,174. and in Sweden Oct. 13, 1924. 4 Claims. (Cl. 83-53.)



1. A breaker plate for stone crushers and the like comprising a toothed surface layer and a sub-surface layer having tooth shaped portions integral with the surface layer and formed alternately with portions of different homogeneity with respect to said tooth shaped portions.

1,643,049. FLOTATION DEVICE. ARCHIBALD BLACK, Garden City, N. Y. Filed Dec. 3, 1926. Serial No. 152,423. 10 Claims. (Cl. 244-2.)



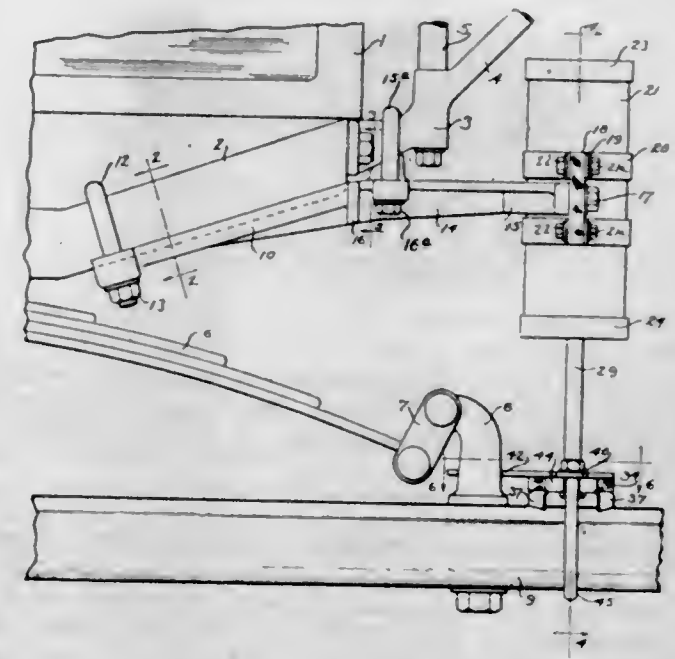
1. A flotation device comprising, combustion apparatus, a duct for conveying the gases produced by the combustion, and a container for receiving the said gases and adapted to provide flotation upon water.

10. A combustion device for the generation of gas pressure, comprising a plurality of chambers containing pressure producing charges, a common compartment capable of communication with said chambers, and means for igniting the charges in individual chambers and for selectively establishing communication between the common compartment and the chamber containing the ignited charge.

1,643,050. SHOCK ABSORBER. CHARLES C. BLACKMORE, Dayton, Ohio. Refile of application Serial No. 698,863, filed Mar. 13, 1924. This application filed Mar. 7, 1927. Serial No. 173,518. 7 Claims. (Cl. 287-31.)

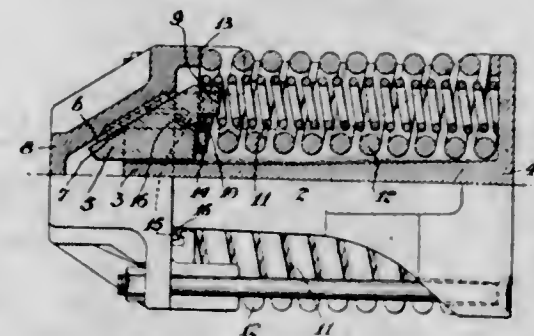
1. In combination in a shock absorbing mechanism associated with a vehicle frame, spring and axle, a bracket

mounted on the frame of the vehicle having one end extending outwardly from the vehicle frame, a cylinder suspended from the end of said arm and adapted to move



relative thereto about the end of the arm as an axis, a piston rod and piston working in said cylinder, and means of attaching said piston rod to the axle below said cylinder.

1,643,051. SHOCK-ABSORBING MECHANISM. WILLIAM BLACKMORE, Sharon, Pa., assignor to National Malleable and Steel Castings Company, Cleveland, Ohio, a Corporation of Ohio. Filed Jan. 6, 1926. Serial No. 79,602. 4 Claims. (Cl. 218-36.)

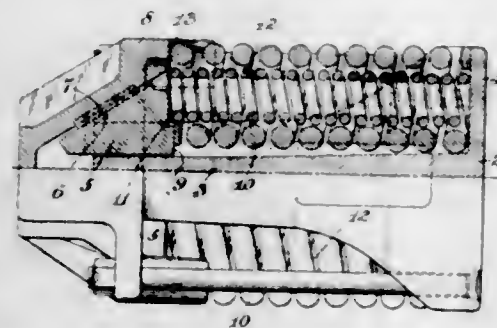


1. In a frictional shock absorbing mechanism, a longitudinally-extending included friction member having a plurality of diverging longitudinally extending friction faces; a friction shoe seating against each of said faces; a wedge follower engaging said shoes; and a plurality of springs, one of which is capable of successively transmitting pressure to the wedge and a shoe as compression abates, and the other of which transmits pressure to the shoe and during compression causes the frictional engagement of the shoe on the central member and also the release of the shoe from such engagement after the wedge has been released by the first mentioned spring.

1,643,052. SHOCK-ABSORBING MECHANISM. ERNEST H. SCHMIDT, Cleveland, Ohio, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio, a Corporation of Ohio. Filed Jan. 6, 1926. Serial No. 79,603. 9 Claims. (Cl. 218-36.)

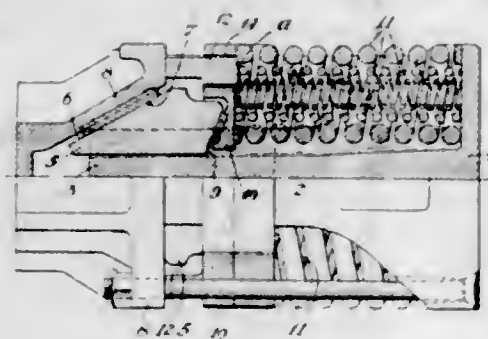
1. In frictional shock absorbing mechanism, a longitudinally-extending included friction member having a plurality of longitudinally extending friction faces; a friction shoe engaging each of such faces; each shoe

having an inclined wedging face; a wedge member engaging the wedging face of each shoe; a compression spring element arranged to resist the inward movement



of a shoe and the wedge relative to the central friction member, said spring element also being arranged for severally releasing the wedge and the said friction shoe.

1,643,053. SHOCK-ABSORBING MECHANISM. HAROLD B. MADDEN, Sharon, Pa., assignor to National Malleable and Steel Castings Company, Cleveland, Ohio, a Corporation of Ohio. Filed Jan. 6, 1926. Serial No. 79,604. 5 Claims. (Cl. 213-36.)



1. In frictional shock absorbing mechanism, a longitudinally-extending included friction member having a plurality of diverging longitudinally extending friction faces; a friction shoe engaging each of such faces; each shoe having an inclined wedging face; a wedge member engaging the wedging face of each shoe; a compression spring arranged in tandem with each shoe; a plunger having bearings on the wedge and on the spring, the spring as the pressure abates being arranged to exert direct pressure on one side on the wedge through the plunger and on the other side on the shoe, and thereby cause release of the wedge from the shoe and the shoe from the included member.

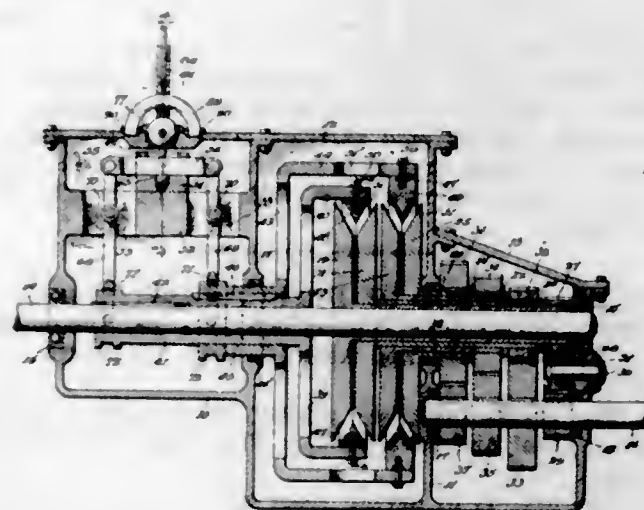
1,643,054. STEEL ALLOY. LINWOOD M. BROWN, Pittsburgh, Pa. Filed Feb. 14, 1927. Serial No. 168,228. 3 Claims. (Cl. 75-1.)

2. A steel alloy containing from 0.40 to 1.00 per cent carbon, from 0.50 to 1.50 per cent manganese, from 1.50 to 2.50 per cent silicon, and a combined molybdenum and vanadium content of from 0.50 to 1.00 per cent and having at least .15 per cent molybdenum or vanadium.

1,643,055. TRANSMISSION. ADOLPHUS S. BUTELL, Kansas City, Mo. Filed Dec. 31, 1925. Serial No. 78,661. 2 Claims. (Cl. 74-59.)

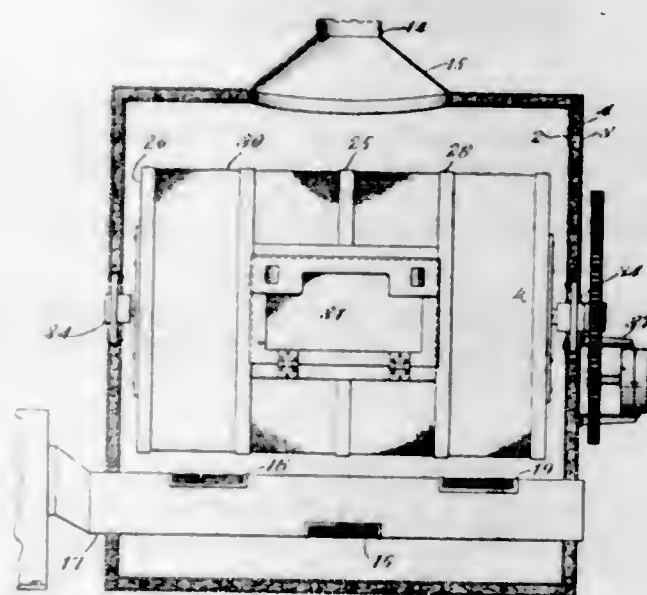
2. A selective speed transmission including a drive shaft, a driven shaft having speed gears thereon, clutch members free on the drive shaft and provided with speed gears meshing with said first mentioned gears, a spider splined on the drive shaft and provided with a shell sur-

rounding said members, said shell being formed with an internal flange, a clutch member grooved to fit over said flange, means connecting the latter member with said



shell, and means for shifting the spider to selectively engage the latter clutch member with said first mentioned clutch members.

1,643,056. DRYING APPARATUS. ABRAHAM B. CIBEL, Brookline, Mass., assignor to Boston Dye House, Inc., Malden, Mass., a Corporation of Massachusetts. Filed Nov. 27, 1925. Serial No. 71,696. 3 Claims. (Cl. 34-5.)

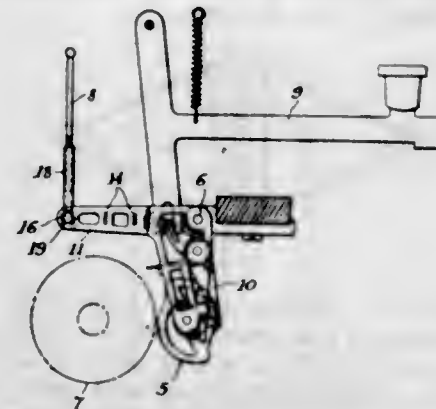


1. Apparatus of the class described comprising an outer casing and an inner movable drum, an air inlet opening in the casing and a tubular member extending into the casing, and air inlet openings disposed at various points in the walls of the tubular member to induce a thorough circulation of air through the casing.

1,643,057. POWER MECHANISM. CHESTER WM. CREMINE, Rochester, N. Y., assignor, by mesne assignments, to North East Appliances, Inc., Rochester, N. Y., a Corporation of New York. Filed Sept. 24, 1924. Serial No. 739,702. Renewed Feb. 26, 1927. 1 Claim. (Cl. 197-17.)

In a typewriter or the like, the combination, with a lever comprising two resilient arms disposed side-by-side, and power-means for actuating the lever, of a pivot-member journaled at its ends, in and between said arms, and

transversely perforated; a shank rotatable in the perforation in the pivot-member and provided with a head having flattened surfaces normally engaged by the inner surfaces



of the arms; and a connecting-member comprising two screw-threaded parts relatively adjustable by relative rotation, one of said parts being attached to said shank

1,643,058. WINDMILL TOY. MATTHEW DE CESARE, Newark, N. J., assignor, by mesne assignments, to Metal Novelty Corporation, Newark, N. J., a Corporation of New Jersey. Filed May 3, 1926. Serial No. 106,265. 2 Claims. (Cl. 46-14.)

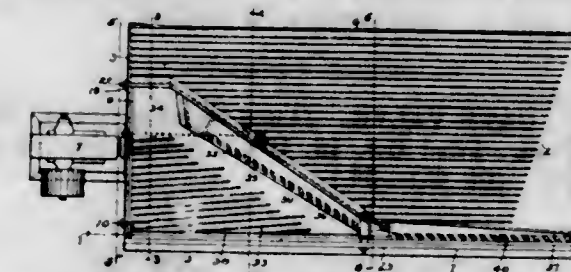


2. A toy windmill comprising a base, a hollow body on said base, a roof on said body, a spindle journaled in said body, propeller blades mounted on said spindle, a cord coiled about said spindle, one end of said cord passing through an opening in the wall of said body to be grasped by an operator, a weight on the other end of said cord to return the same to its normal position during operation, and means integral with said body to prevent said weight from rising too high within said body.

1,643,059. METHOD OF PREPARING ASPHALT SLABS AND SHEETS. FRANCISCUS CORNELIUS JOSEPHUS DE BOTH, Nymegen, Netherlands. Filed Sept. 6, 1921. Serial No. 498,945. 2 Claims. (Cl. 18-57.)

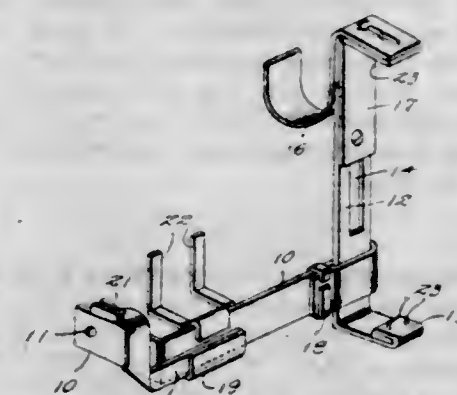
1. The method of forming asphalt slabs and plates consisting in heating and pouring a substantially pure mass of asphalt to form a sheet thereto, then allowing the sheet to partially cool to a plastic state, and then gradually and in successive steps reducing the thickness of the sheet and smoothing the same on both sides thereof until the desired thickness of the same is obtained, whereupon the sheet is cut up into the desired sized slabs or plates.

1,643,060. CONCENTRATING TABLE. WILLIAM F. DEISTER and EMIL DEISTER, Fort Wayne, Ind., assignors to Delister Machine Company, Fort Wayne, Ind., a Corporation of Indiana. Filed Sept. 11, 1924. Serial No. 737,085. 3 Claims. (Cl. 209-498.)



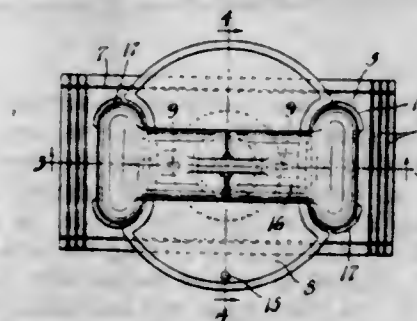
1. The combination with a transversely inclined rifled concentrating table, of an auxiliary triangularly shaped deck pivotally mounted on the table at the upper rear corner thereof, said deck being transversely inclined in a direction opposite to the transverse inclination of the table, longitudinal-rifles on the deck, a dressing water board secured to the surface of the deck along the diagonal side of the deck and gates pivoted to the board along the lower side edge thereof to control the discharge of dressing water from the board to the deck.

1,643,061. SHADE AND CURTAIN HANGER. WILLIAM JAMES DENNEY, Malone, N. Y. Filed Apr. 8, 1926. Serial No. 100,758. 1 Claim. (Cl. 156-24.)



A shade and curtain hanger comprising a vertical flexible member having terminal jaws adapted to be sprung into engagement with a window frame, a laterally extending arm secured to the lower portion of said flexible member and having its outer end extended forwardly at an angle thereto, said angularly extending portion being formed to receive a shade roller pintle, a collar slidable on the said arm and having forwardly and upwardly extending drapery rod engaging fingers, and an angle member having one end retained by said collar and having its other end twisted and extending vertically and forwardly at the outer end of said arm and being terminally formed with divergent resilient fingers.

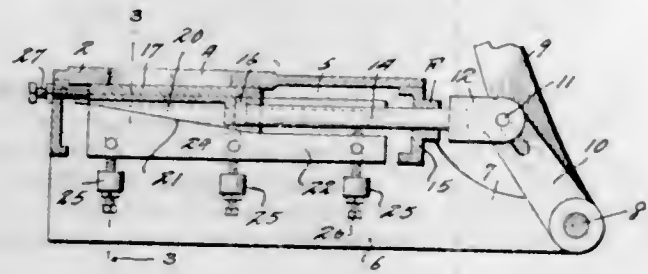
1,643,062. LIQUID-FUEL BURNER. JESSE L. DONAHOO, Minneapolis, Minn. Filed Oct. 1, 1924. Serial No. 741,044. 1 Claim. (Cl. 158-91.)



A liquid fuel burner comprising a base plate, a bowl positively resting on said plate, said bowl having a central burner head formed integral therewith, said bowl

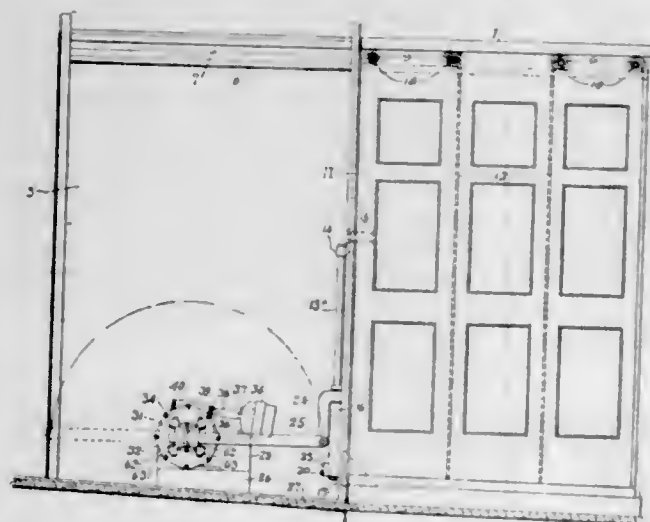
being substantially circular in shape having oppositely disposed semi-elliptical indentations on the edge thereof, and an air supply manifold having a central discharge opening above said burner head, and upwardly tapering hollow arms fitting over openings in said plate and into the semi-elliptical indentations on said bowl, said arms being positively held in engagement with said plate.

1,643,063. GATE VALVE. JAMES JOSEPH DUFFY, Memphis, Tenn. Filed Oct. 12, 1926. Serial No. 141,108. 3 Claims. (Cl. 251-56.)



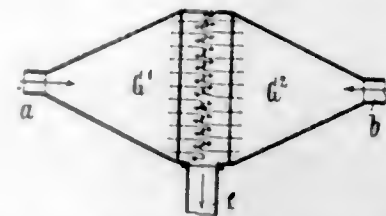
3. A valve structure comprising a plate having a discharge opening, a frame associated with said plate, a slide valve slidably supported by the plate for movement across the opening, said slide valve also having bodily movement toward or from the plate, flanges depending from the slide valve and having their lower edges inclined, bars, said bars having edges inclined similar to the inclined edges of the flanges of the slide valve, lugs carried by the frame and underlying the bars, and members threaded through the lugs and engaging the bars from below, said members supporting the bars and adjustment of said members regulating the position of the bars relative to the plate.

1,643,064. ELECTRICALLY-OPERATED RAILWAY-CAR DOOR. THOMAS ELLIOTT, Cincinnati, Ohio, assignor to The Cincinnati Car Company, Winton Place, Ohio, a Corporation of Ohio. Filed Dec. 1, 1924. Serial No. 753,405. 14 Claims. (Cl. 268-53.)



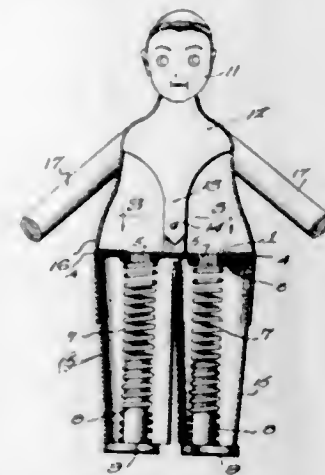
1. In a device of the character described, the combination with a door and a reversible motor, of a door operator comprising a rotatable clutch member positioned in essentially a vertical plane and adapted to receive motion in either direction from the motor, an oscillatable head within the clutch member having its axis essentially horizontal and adapted to receive motion first in one direction and then in the other from said rotatable clutch member, and a connection operating in essentially a vertical plane between such head and the door, whereby the door may be power-opened and closed.

1,643,065. PROCESS AND APPARATUS FOR MIXING GASES. ERWIN FALKENTHAL, Berlin-Dahlem, Germany. Original application filed Oct. 4, 1923. Serial No. 666,608. Divided and this application filed Dec. 18, 1924. Serial No. 756,745, and in Germany Apr. 23, 1921. 7 Claims. (Cl. 48-180.)



3. Apparatus for mixing gases, comprising a vessel having gas inlet and gas outlet pipes, a plurality of thin grids spaced apart to form a mixing chamber and dividing the vessel into separate chambers said grids having a large number of regular openings, the openings having their smallest diameter about ten times the thickness of the grid and the distance apart of such openings being substantially equal to the imperforate adjacent portions of the grid, and each opening having sharp edges, whereby a whirl ring is formed behind the grid at each opening by the sharp edge thereof when gases to be mixed are passed through said vessel at low speed and means to introduce the gases into said mixing chamber through each grid and in opposite directions.

1,643,066. FIGURE TOY. JOHN A. FRAMPTON, Columbus, Ohio. Filed Mar. 20, 1926. Serial No. 98,334. 6 Claims. (Cl. 40-40.)



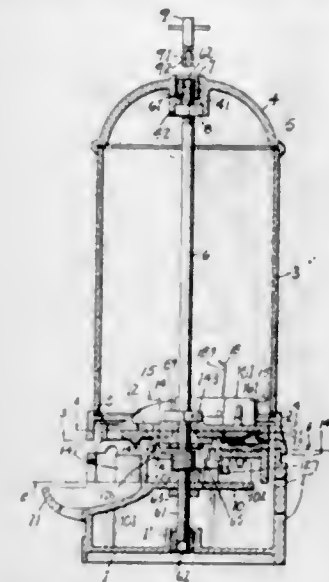
6. A toy of the character described comprising a body member and leg members connected thereto, said leg members being resilient and being adapted to partake of universal motion with relation to said body member and said leg members being provided with finger-receiving openings in the portions thereof adjacent the point of juncture of said body and leg members whereby the fingers of the user may be inserted into said openings to manipulate said leg members.

1,643,067. WINDSHIELD WIPER. FRANK G. GOODMAN, Sioux Falls, S. Dak. Filed Apr. 29, 1926. Serial No. 105,529. 2 Claims. (Cl. 15-253.)



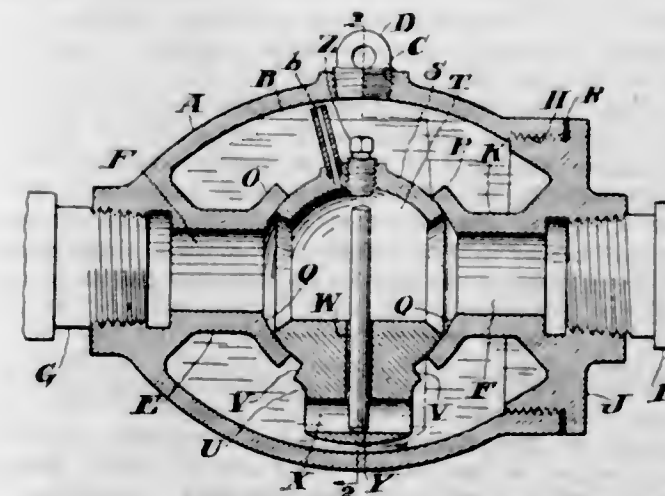
1. A wiper device comprising a wiper element of channel shape in cross section forming a chamber, with an extended mouth, the walls of which are rigid and which is adapted to be closed by a transparent member engaged by the element, a heating member in said chamber and wiper means on one edge of the mouth forming part of the element.

1,643,068. COIN-CONTROLLED VENDING MACHINE. URSE G. GRANDBOIS, Kalamazoo, Mich. Filed Nov. 11, 1926. Serial No. 147,755. 10 Claims. (Cl. 194-63.)



1. In a coin controlled vending machine, the combination of a cylindrical base with a lateral opening to discharge the merchandise, a cross partition disposed within said base having a coin chute formed thereon, said cross partition being notched with upwardly extending walls about the notch forming the coin passage into the base, a merchandise receptacle, a pivoted coin controlled merchandise slide supported on the central rod and having a slot of greater depth than a coin to receive a coin, the central part of the rear of said slot being of lesser height than the coin, and having a merchandise aperture flanged on its under side, a casing for the said slide constituting, with said slide, the bottom wall of said merchandise receptacle and having formed therein a downwardly opening merchandise chute cooperating with the flanged merchandise aperture of the slide, a slide case cover with upwardly projecting housing, a coin controlled dog pivoted within said housing and disposed to cooperate with and engage the slide at the coin slot and to be controlled and lifted out of engagement by the introduction of a coin, a spring to hold said dog yielding in engaging position, and an ejector spring in the said housing embracing the dog pivot having a knuckle extending downwardly above the coin receiving chute, with its upper end vertical and adapted to reciprocate in an aperture in the housing, as described.

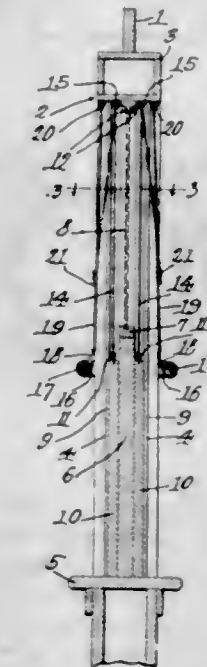
1,643,069. AIR-LINE OILER. CHARLES C. HANSEN, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J., a Corporation of New Jersey. Filed Apr. 22, 1927. Serial No. 185,810. 5 Claims. (Cl. 184-55.)



1. An air line oiler comprising a casing forming a reservoir for oil, projections in said casing having passageways for pressure fluid, spherical surfaces at the

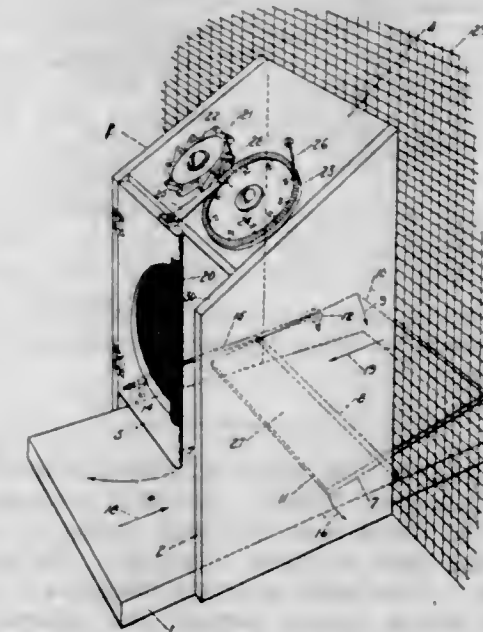
inner ends of the projections, means rotatable on said surfaces affording communication between the passageways, means in the said means for delivering oil from the reservoir to the passageways, and a weight on the first said means for insuring communication of the second said means with the lowermost point of the reservoir, irrespective of the positions of the casing.

1,643,070. OPEN-AIR SLEEPING ROOM. ERNEST T. HEINSON, Mountain Iron, Minn. Filed Dec. 31, 1925. Serial No. 78,616. 3 Claims. (Cl. 20-52.)



1. In a device of the class described, the combination of a main frame, an opaque panel in the lower part of said frame, a screen frame in the upper part of said main frame and resting upon said opaque panel, sliding solid closures mounted at opposite sides of said opaque panel and adapted to fit into opposite sides of said screen frame for closing the same, and manually operated means connected to said solid closures for raising the same to a parallel position with said screen frame prior to said closures being forced into said screen frame.

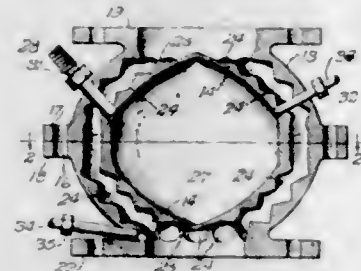
1,643,071. CHICKEN-COUNTING DEVICE. WILLIAM E. FISSEL, York County, Pa. Filed June 17, 1925. Serial No. 37,729. 2 Claims. (Cl. 268-36.)



1. In a counting device for fowl, the combination with a tiltable platform, of a fulcrum arranged to carry said platform in a manner whereby the front end thereof nor-

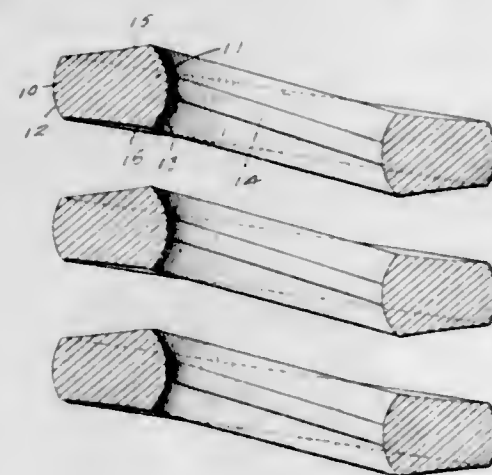
mally tends to fall through the influence of gravitation, a door frame at the rear end of said platform, a door in said door frame and arranged to open horizontally only in one direction, which direction is away from said platform and also arranged to only partially close said door frame, and a connecting link arranged to connect said platform to said door in such manner whereby the normal tendency of the front end of said platform to fall, will draw said door to its closed position, and rest with the front end thereof elevated relative to the rear end thereof.

1,643,072. FUEL-MIXTURE HOMOGENIZER. CHARLES JESDALE, Chicago, Ill. Filed Mar. 11, 1922. Serial No. 542,891. 4 Claims. (Cl. 48-180.)



1. A fuel mixture homogenizer, comprising, inner and outer spherical shells spaced apart to provide a fuel mixture passage, one of said shells having an inlet and an outlet port to said passage, one of said shells being constructed and arranged to be heated and a series of baffles on opposed walls of the mixture passage relatively arranged to direct a fuel stream generally diagonally between said opposed walls, said baffles being arranged transverse of the passages between said ports.

1,643,073. SPRING. ELMYR A. LAUGHLIN, Oregon, Ill. Filed Jan. 27, 1926. Serial No. 84,222. 5 Claims. (Cl. 267-61.)



1. A coil spring each convolution of which has a cross sectional contour including opposite converging faces and opposite arcuate faces.

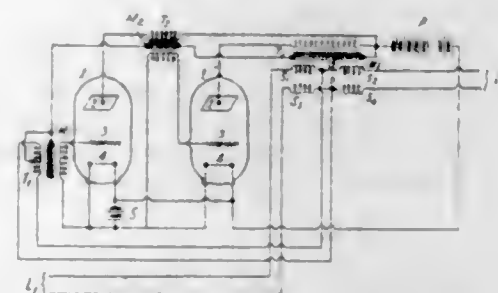
1,643,074. BLIND FOR SHOP FRONTS, DOORS, WINDOWS, AND THE LIKE. EDUARDO LAVAGNINO, Ancona, Italy. Filed Sept. 24, 1925. Serial No. 58,419, and in Italy Sept. 25, 1924. 1 Claim. (Cl. 189-56.)
A blind of the character described, including a plurality of sections, joints formed between the adjacent edges of the sections including walls extending outwardly at substantially right angles to the plane of the sections and curved so that the wall of one section embraces the wall of the adjacent section, the outer portions of the

said curved walls being bent reversely and extending inwardly substantially to the plane of the sections to form two concentric snugly fitting sleeves permitting



of the winding of the blind in a roll-like manner and assuring of a continuous positive engagement of the jointed sections during the winding thereof.

1,643,075. RADIO SIGNALING APPARATUS. MARIUS LATOUR, Paris, France, assignor to Latour Corporation, Jersey City, N. J., a Corporation of Delaware. Filed Aug. 19, 1921. Serial No. 493,668, and in France July 30, 1917. 3 Claims. (Cl. 178-44.) (Granted under the provisions of the act of Mar. 3, 1921, 41 Stat. L. 1313.)



1. In an amplifying system, two sections of telephone conductors, a transformer having a primary winding and secondary windings, said secondary windings telephonically connecting the sections of telephone conductors, amplifying means having an input circuit and an output circuit, said input circuit being connected to points intermediate the ends of said secondary windings, said primary winding functioning to connect inductively said output circuit to said secondary windings, and resistances connected across said windings to compensate automatically for differences in impedances between said sections.

1,643,076. BOTTLE-CAPPING TOOL. HARRY J. LEHERZ and ROBERT W. LEHERZ, Frederick, Md., assignors to The Evered Company, Frederick, Md., a Corporation of Maryland. Filed Jan. 4, 1927. Serial No. 153,908. 5 Claims. (Cl. 226-84.)

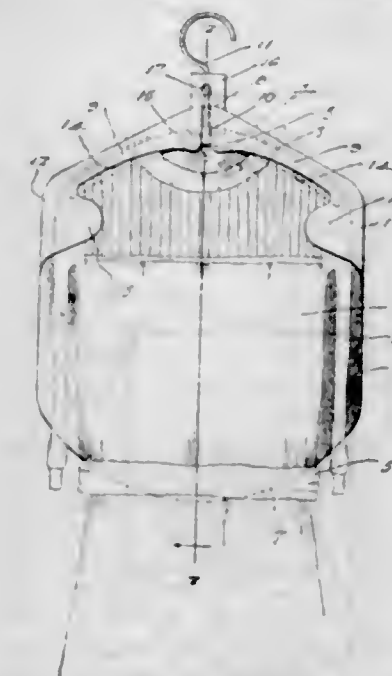
1. In a bottle capper a frame having a rack, a rider slidable thereon, a lever pivoted on the rider and having a segment meshing with the rack, a capping head carried by the rider, a pair of spring members extending on

opposite sides of said rider and connected to the lower extremity thereof and a bridge member connected to the upper extremity of said spring members and extending



over said segment for normally elevating said lever and maintaining said rider in a position for the application of a cap to a bottle.

1,643,077. GARMENT PROTECTOR. DAVID LEVKOFF, Augusta, Ga., assignor to Evelyn J. Levkoff, Augusta, Ga. Continuation of application Serial No. 93,279, filed Mar. 8, 1926. This application filed May 21, 1926. Serial No. 110,768. 2 Claims. (Cl. 223-61.)

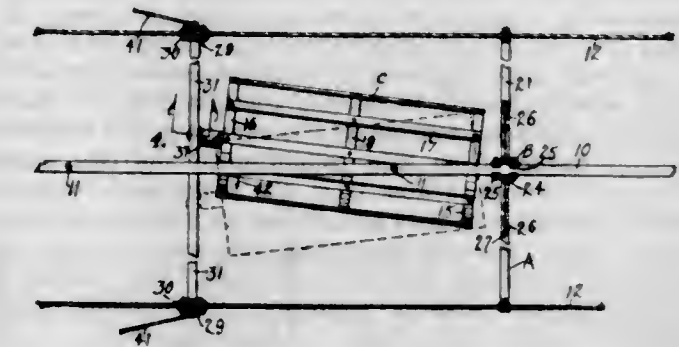


1. A combined garment protector and separator, comprising an elongated sheet adapted for positioning at one side only of a garment supported on a coat hanger and co-extensive with a substantial portion of said garment, the upper end of said sheet having an overturned portion extending over the hanger and only that portion of the garment immediately adjacent the hanger, and means at the upper end portion of the sheet for supporting said sheet on the hanger, said sheet separating the garment on said hanger from an adjacent garment in a clothes rack, and providing a background to display said garment when removed with the hanger from the rack.

1,643,078. HAY-HANDLING APPARATUS. MADS H. MADSEN, Kimballton, Iowa. Filed Jan. 27, 1927. Serial No. 163,997. 5 Claims. (Cl. 214-5.)

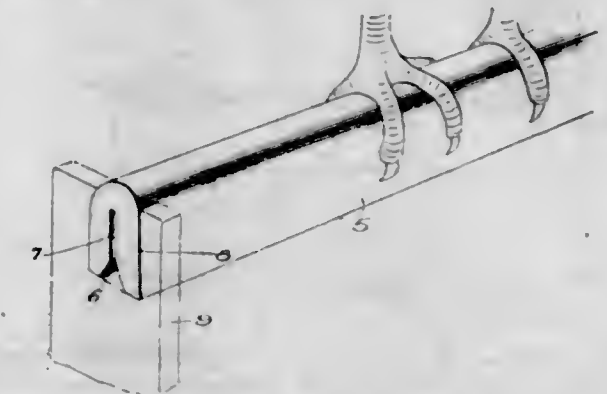
1. In a device of the class described, a rotary member, means for holding said rotary member for longitudinal

sliding movement, said means being arranged to prevent lateral swinging of one end of the rotary member and to



permit lateral swinging of the other end of the rotary member and means for effecting lateral swinging of one end of the rotary member.

1,643,079. POULTRY ROOST. GEORGE A. MILLER, Tamaroa, Ill. Filed Jan. 31, 1927. Serial No. 164,909. 1 Claim. (Cl. 119-25.)



A fowl roost comprising a bar having in its undersurface a longitudinal groove of V-shaped cross section coextensive in length with the bar, the walls of the groove flaring outwardly toward the sides of the bar; the undersurface of the bar also having a very deep and narrow parallel-walled channel opening from the apex of said V-shaped groove and coextensive in length therewith; the V-shaped groove providing a wide unavoidable, well lighted, clearly defined and gradually darkening entry way for vermin to reach the darkened confines of said channel; and the groove when the bar is inverted defining a trough of sufficient depth and cross sectional area to carry a heavy stream of insect destroying fluid of such volume as to assure the full penetration thereof into the confines of said channel to kill the vermin therein and wash them therefrom.

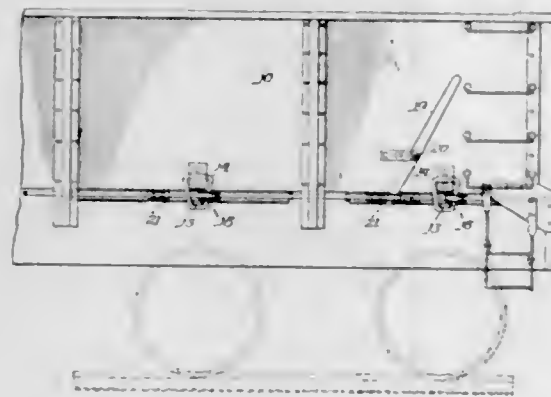
1,643,080. PROCESS OF FORMING COLLOID PRODUCTS. SAMUEL A. NEIDICH, Edgewater Park, N. J. Filed Mar. 3, 1926. Serial No. 91,962. 6 Claims. (Cl. 18-54.)



4. The process of forming an artificial textile thread including a solid core filament and an outer tubular sheath, encasing said core, which consists in extruding a

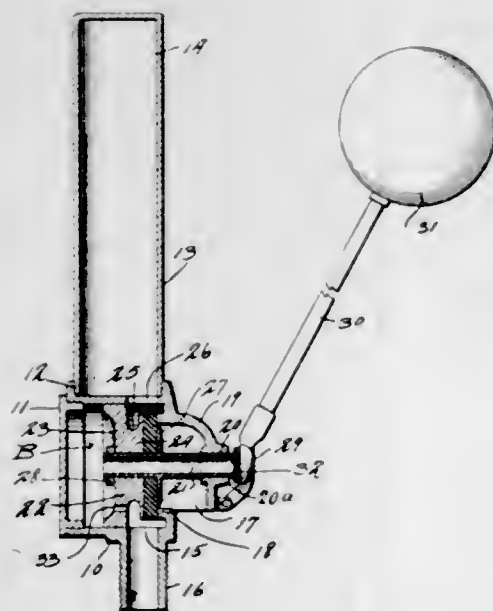
colloid filament including more than eight per cent of hydrated cellulose, into a coagulating medium comprising a bath of aqueous liquid containing sulphuric acid; said bath being of at least fifty per cent greater acidity than is ordinarily employed to produce a solid filament; allowing each portion of said filament to remain submerged in said bath until the exterior thereof is coagulated to form a skin, primarily in unitary relation with the mass of colloid within it; continuing the reversion and elimination of moisture from said colloid until the core mass within said skin separates from the latter and forms a distinct filament, and said skin forms an outer continuous tubular sheath, radially separated from said core, but in substantially coaxial relation therewith, and having a shriveled crinkled exterior affording multitudinous facets adapted to reflect light with a scintillating effect.

1,643,081. DOOR-CONTROL MECHANISM. JOHN O. NEIKIRK, Lombard, Ill., assignor to National Dump Car Company, Chicago, Ill., a Corporation of Maine. Filed June 8, 1921. Serial No. 475,961. 4 Claims. (Cl. 105-308.)



1. In combination, a plurality of dump doors, each of said doors having associated therewith a member for directly holding same in closed position, means for locking said holding members in door holding position and also for moving said holding members into non-holding position, and a single member for operating said moving means to move said holding members to non-holding position in predetermined succession.

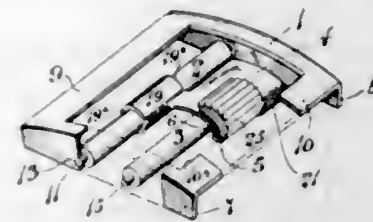
1,643,082. AUTOMATIC PRESSURE-CONTROLLED VALVE. CHARLES H. NICKELL, Los Angeles, Calif. Filed May 27, 1926. Serial No. 112,078. 3 Claims. (Cl. 137-104.)



2. A fluid pressure operated valve comprising a valve body having an inlet port and an outlet port and an annular seat between the two ports, a piston disposed with-

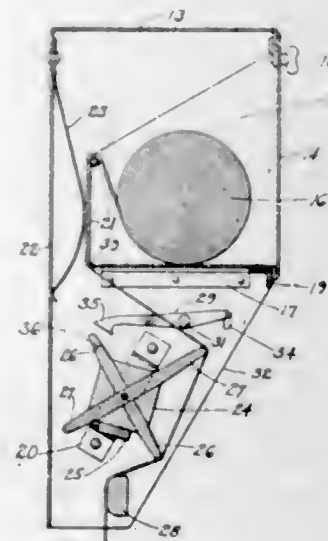
in the valve body to one side of the inlet port and defining with one end of the valve body a chamber within which the piston operates, the piston having a small port leading into said chamber, a tubular stem carried by the piston and extending therethrough and projecting forward from the piston, a valve body in advance of the piston having an opening for slidably receiving the forward end of the stem, the wall of which opening projects outward beyond the extremity of the stem and forms an outer valve seat when the piston is retracted, a valve carried on the stem for coacting with the first named seat and an independently operable float operated controlling valve disposed exteriorly of the valve body and adapted in one position to close against the end of the wall defining the said opening through the valve body.

1,643,083. STRAP BUCKLE. LAWRENCE F. OTTEN, Fort Thomas, Ky., assignor to The Wadsworth Watch Case Company, Dayton, Ky., a Corporation of Kentucky. Filed Apr. 7, 1927. Serial No. 181,792. 4 Claims. (Cl. 24-191.)



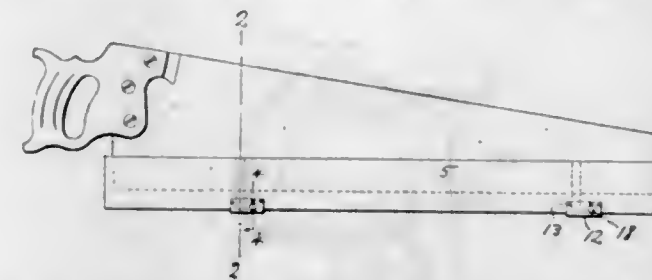
2. A strap buckle of the character described comprising a frame having laterally projecting side walls, a strap, a cam lever, a removable pin carried by said walls and adapted to have one end of said strap and cam lever pivoted thereto, and a cam carried by said lever for wedging or blinding the free end of said strap within said frame.

1,643,084. TOWEL HOLDER. ALBERT L. OVERHOLT, Minneapolis, Minn., assignor, by mesne assignments, to Steiner Sales Company, Salt Lake City, Utah, a Corporation of Utah. Filed Apr. 1, 1922. Serial No. 545,646. 5 Claims. (Cl. 45-32.)



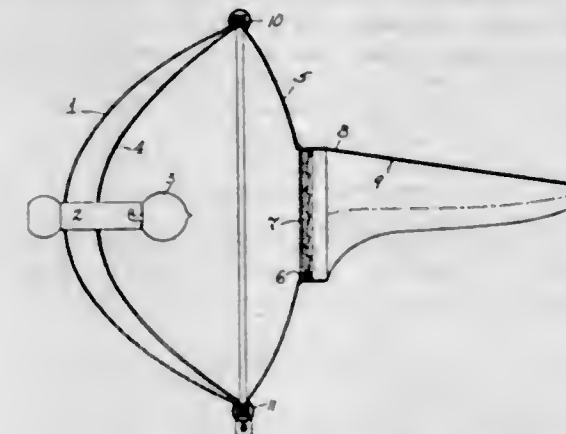
5. In combination with a towel cabinet, means therein for holding a towel so it may be pulled from said means, a stationary element and swinging means which moves a distance proportional to the distance the towel is pulled, said swinging means being mounted to engage the towel between the same and the stationary element while the towel is being pulled from the cabinet and to automatically stop further delivery of the towel when a predetermined length of towel has been delivered from the cabinet, and mechanism for automatically locking said swinging means in gripping position, the said mechanism being provided with means for releasing the same when desired.

1,643,085. SAW PROTECTOR. CHARLES T. PERRY, Arlington, Mass. Filed Jan. 8, 1927. Serial No. 159,945. 3 Claims. (Cl. 145-35.)



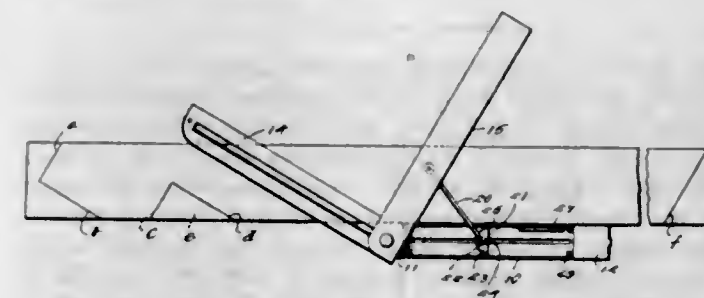
1. A contrivance of the class described comprising a block provided with a kerf for receiving the toothed edge of a saw, said block being provided with a bore communicating with the kerf, a pin rotatable in the bore provided with a kerf registrable with the first mentioned kerf for receiving the toothed edge of the saw, and means for turning the pin so that the said pin will obtain a binding grip on said saw.

1,643,086. VEHICLE HEADLIGHT. WALTER J. PIKE and WILLIAM J. GIBSON, Newaygo, Mich., assignors to The Pike Laboratories Limited, Newaygo, Mich., a Limited Copartnership of Michigan. Filed Oct. 6, 1923. Serial No. 666,892. 2 Claims. (Cl. 240-48.4.)



1. In a headlight for motor vehicles, the combination with a casing, lamp socket and lighting element of a parabolic reflector positioned in said casing, a second parabolic reflector mounted at the front of said casing, and positioned reversely with respect to said first reflector, said second reflector being of greater focal length than said first reflector and being provided with a central opening, a light directing lens mounted in such opening, and a forwardly extending elongated inclined hood surrounding said lens and rigidly secured to said second reflector, said hood being polished to provide a reflecting inner surface and being so placed as to cut off all upwardly directed light rays from said lens and to reflect the same onto the ground in front of the vehicle.

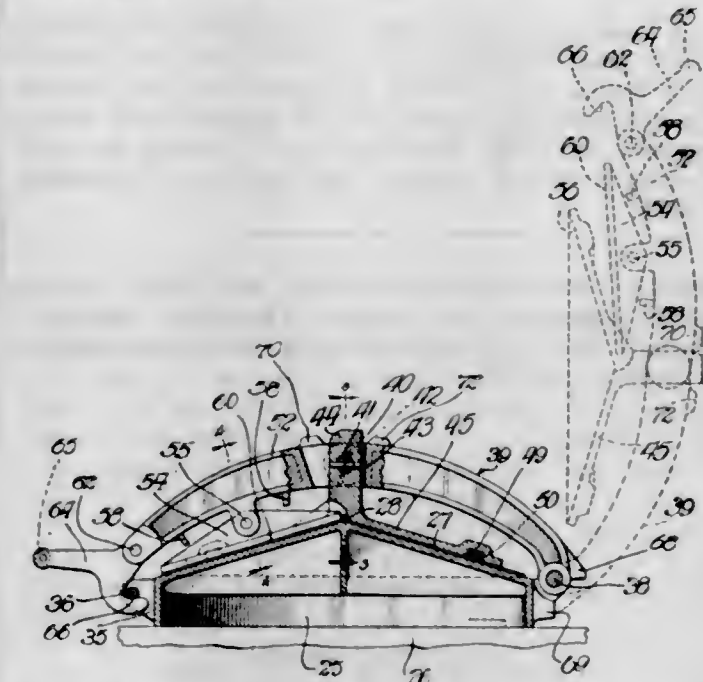
1,643,087. MEASURING INSTRUMENT. SAMUEL PUTRA, Lansford, Pa. Filed Oct. 28, 1926. Serial No. 144,887. 1 Claim. (Cl. 33-93.)



A carpenter's square comprising a body member having a longitudinal central slot and a reduced end forming a transverse shoulder, said reduced end being provided with

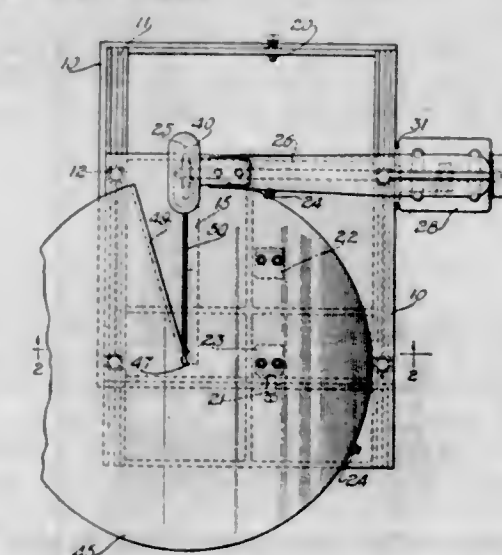
an opening, an arm pivotally mounted on the reduced end of the body member and having a shoulder adjacent its pivoted end, a second arm having a longitudinal central slot slidable on the pivot of the first arm and arranged to engage with the shoulder of the first arm to form therewith a right angle, an arm pivoted to the first arm and having its other end slidably engaged in the slot of the body member and provided with an indicator, and means for clamping the first and second arms in right angular relation and being adapted to be moved on said pivot in such relation.

1,643,088. FORMING APPARATUS. WILLIAM HARRY RAY, Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Dec. 1, 1924. Serial No. 753,067. 12 Claims. (Cl. 93-1.)



2. In forming apparatus, a die member, a second die member, a lever pivoted to the second die member, and a third die member carried by the lever, the second member and the third member being movable into positions wherein they are simultaneously in pressing engagement with the first member.

1,643,089. SKIVING APPARATUS. WILLIAM HARRY RAY, Chicago, and MARION LLEWELLYN STRAWN, La Grange, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Dec. 1, 1924. Serial No. 753,341. 2 Claims. (Cl. 51-92.)



1. In an apparatus for skiving the edges of a silt in flexible material to form a joint, a table for supporting the material, a bar for aligning one edge of the silt and

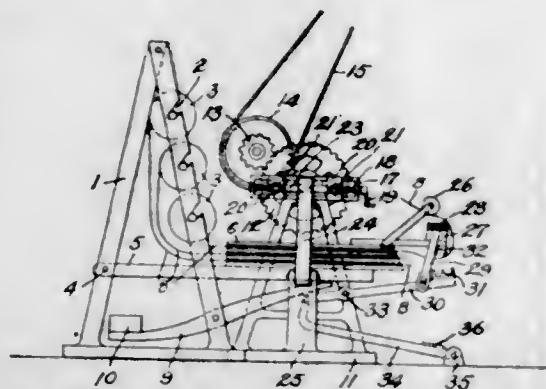
forming a recess with the table to receive the other edge of the slit, and supporting the material adjacent said edge, and means for skiving the aligned edge.

1,643,090. FACIAL LIFTING AND SUPPORTING DEVICE. OTIS J. ROGERS, Washington, D. C. Filed July 2, 1926. Serial No. 120,072. 2 Claims. (Cl. 128-76.)



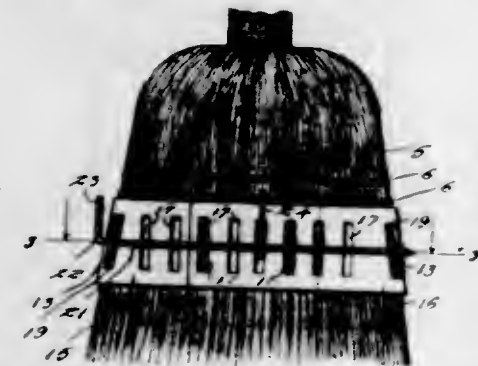
1. A combined muscle lifter and supporter comprising adhesive tabs adapted to be attached to the sides of the face, a flexible strip adapted to support the chin, means for maintaining the flexible strip in position, said means comprising an elastic band adapted to engage the tabs and exert a tension thereon, said means also engaging the strip.

1,643,091. MATTRESS-WRAPPING MACHINE. ISAAC ROSENTHAL and JAMES J. CROWLEY, Montreal, Quebec, Canada. Filed Dec. 9, 1926. Serial No. 153,671. 5 Claims. (Cl. 93-2.)



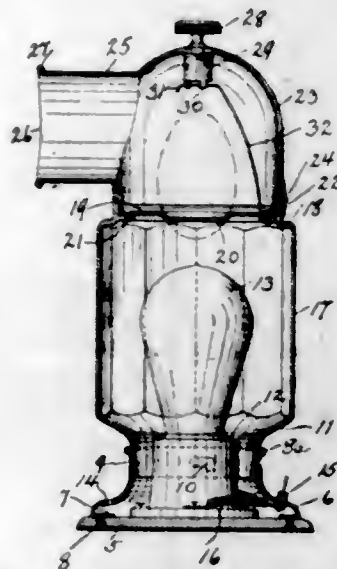
1. A machine for wrapping mattresses comprising a table for supporting a mattress in rolled condition, means positioned above said table for clamping the rolled mattress to prevent the unrolling thereof, means for rotating the clamping means and the mattress clamped thereby, the said clamping means being adapted to secure one end of a strip of wrapping paper whereby the paper will be drawn about the mattress and the clamping means by the rotation of the clamping means.

1,643,092. BROOM BRIDLE. HERBERT R. SHEKERJIAN, Atlantic City, N. J. Filed Oct. 19, 1926. Serial No. 142,721. 4 Claims. (Cl. 15-169.)



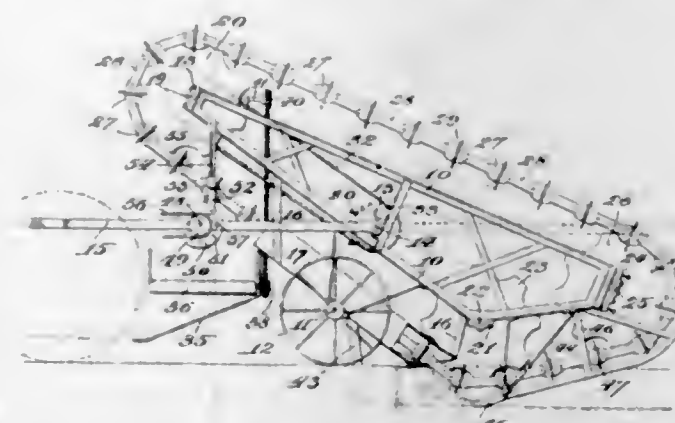
1. A broom bridle comprising a base member having upstanding lugs provided with openings, a clamping member having a series of slots adapted to receive the lugs of said base member, and a locking rod insertable through the openings of said lugs.

1,643,093. EGG-TESTING DEVICE. MAX SHAPIRO, New York, N. Y. Filed May 18, 1926. Serial No. 110,011. 2 Claims. (Cl. 99-6.)



1. An egg testing device comprising a base, a lamp socket supported on said base, a shell detachably connected and adapted to be locked to said base, said shell being open at its top and having a shoulder adjacent thereto, a rotatable egg supporting disk on the shoulder, a hinged closure connected to the shell, said closure having a front observation opening, a rotatable knob on the top of the closure and means engaged by said knob and connected to the disk whereby said disk and an egg supported thereon may be rotated.

1,643,094. COMBINATION EXCAVATOR AND DREDGE. EMANUEL A. SPEEGLE, Los Angeles, Calif. Filed Apr. 16, 1926. Serial No. 102,423. 3 Claims. (Cl. 37-102.)

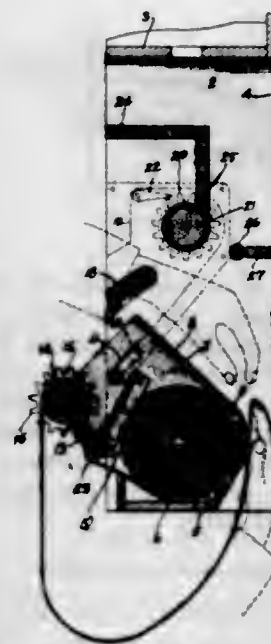


1. In an excavator a pair of horizontally disposed draw bars that are adapted to be connected to a tractor, a shaft supported by said draw bars, a wheel-supported frame mounted for rocking movement on said shaft, an endless conveyor arranged for operation on said frame and a chute carried by said frame and arranged to be traversed by the under-running portion of said conveyor.

1,643,095. TOWEL CABINET. GEORGE A. STEINER, Salt Lake City, Utah, and GOTTFRIED OLSON, Minneapolis, Minn., assignors to Steiner Sales Company, Salt Lake City, Utah, a Corporation of Utah. Filed Feb. 23, 1926. Serial No. 89,971. 12 Claims. (Cl. 45-32.)

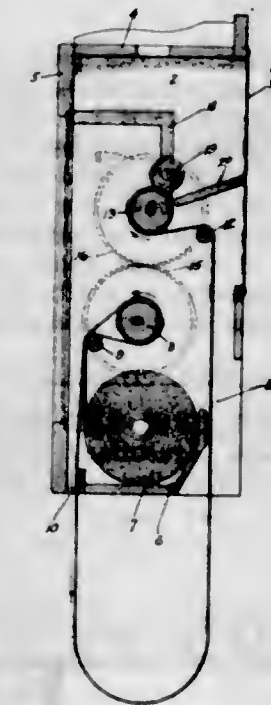
1. A towel cabinet having a support therein for a towel supply, a soiled towel takeup roll around which the web of soiled towel is wound, a feed roll therefor, a second feed roll normally intergeared with said first-named feed roll to have substantially the same peripheral speed and receive the web of clean towel for delivery downwardly to the user, a support for said second

feed roll movably mounted whereby said second feed roll is adapted to be moved out of gear engagement with said first-named roll to provide a space between them



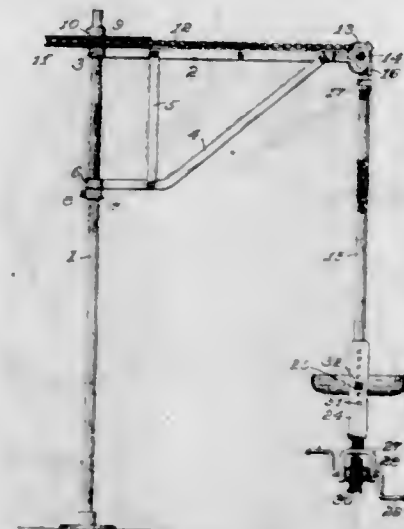
through which the hand of the operator may be inserted to grasp the loose end of the towel web and deliver it to said takeup roll.

1,643,096. TOWEL CABINET. GEORGE A. STEINER, Salt Lake City, Utah, assignor to Steiner Sales Company, Salt Lake City, Utah, a Corporation of Utah. Filed Feb. 23, 1926. Serial No. 90,020. 5 Claims. (Cl. 45-32.)



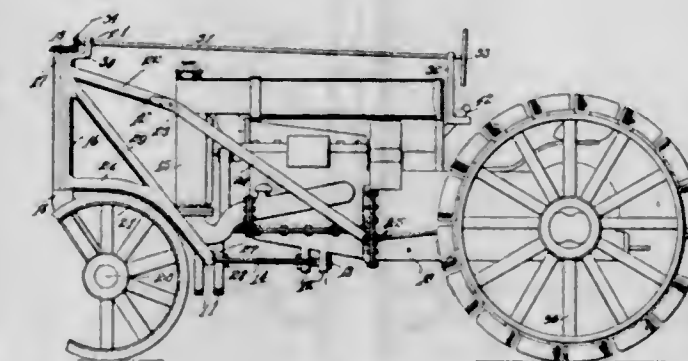
1. A towel cabinet adapted to receive a supply of clean towel and having a door in its front portion, a feed roll over which the web of clean towel passes downwardly to a point below the cabinet within reach of the user, a second feed roll having a driving connection with said first-named roll, a takeup roll operated from said second feed roll to wind up the soiled towel, and means supported by the cabinet door extending above the towel supply and to the rear of the cabinet and adapted to normally hold the web of towel toward and near the rear wall of the cabinet and be withdrawn from such holding position when the door is opened.

1,643,097. CENTRIFUGAL ROUNDABOUT. ARCHIE A. STEWART and JOHN H. STEWART, Waterloo, Iowa. Filed Oct. 11, 1926. Serial No. 140,826. 4 Claims. (Cl. 272-83.)



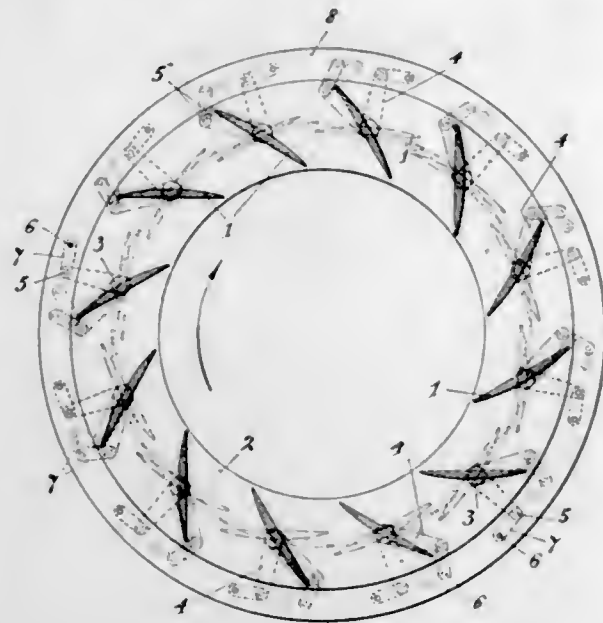
1. In a centrifugal roundabout, an arm rotatable horizontally about a fixed axis, a carrier pivotally depending from said arm to swing to and from said axis, a sheave fixed upon said axis, a sheave rotatably mounted upon said carrier, idler sheaves rotatably mounted upon said arm spaced inwardly from the pivotal connection of said carrier with their treads transversely positioned approximately in line with the pivotal connection at angles of approximately 45 degrees from the axes of the idlers, and a flexible driving member mounted about said sheaves and said idlers.

1,643,098. TRACTOR. LESLIE D. STRIPLING, Big Spring, Tex. Filed Dec. 4, 1925. Serial No. 73,266. 1 Claim. (Cl. 180-27.)



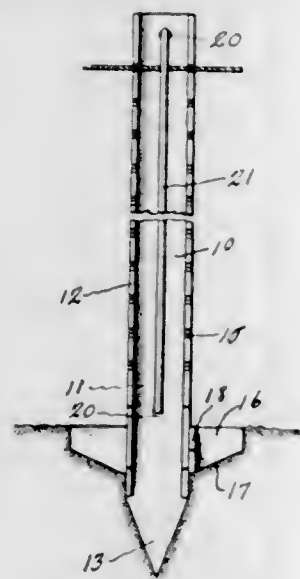
An extension frame for the front wheels of a tractor comprising a vertical post, a rearwardly extending triangular member carried by the upper portion of the post and arranged to engage its base against the radiator of a tractor, a second triangular frame extending rearwardly and downwardly from the post and having its base adapted to engage between the front axle lugs of a tractor, the ends of the base of the last-named triangular frame being apertured for reception of the ends of the usual V-shaped brace of a tractor, curved braces extending between the post and the second triangular frame, and brace arms carried by the first triangular frame and extending downwardly and rearwardly for attachment to a part of a tractor.

1,643,099. GATE APPARATUS FOR TURBINES AND THE LIKE. ROBERT THOMANN, Lausanne, Switzerland. Filed Dec. 22, 1922, Serial No. 608,590, and in Switzerland Dec. 23, 1921. 2 Claims. (Cl. 253—122.)



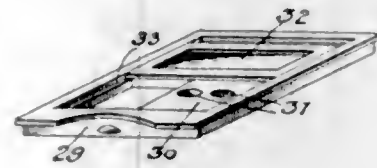
1. Gate apparatus for turbines and the like comprising a circle of substantially symmetrical guide blades and means for simultaneously turning all said blades in either direction past one another without their tips contacting.

1,643,100. FENCE POST. HOWARD L. THOMAS, Circleville, Ohio. Filed Sept. 29, 1925. Serial No. 59,307. 1 Claim. (Cl. 256—52.)



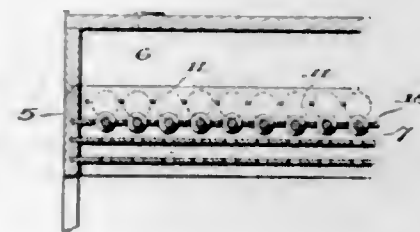
A fence post structure comprising a channel shaped body provided at the edges of its side flanges with notches, the said body being provided at its back plate and in the vicinity of its opposite ends with apertures, plates intersecting at right angles adapted to be anchored in the earth and against which the body may bear adjacent the point of intersection of the said plates, and a fastening rod having angularly disposed end portions passing through the said apertures, a tightening nut screwed upon one of the angularly disposed end portions of the rod and the other end portion of the rod having an offset extremity engageable over the edge portion of one of the anchoring plates.

1,643,101. WATCHMAKER'S DESK OR CABINET. ARTHUR S. THOMPSON, Ontario, Calif. Filed Mar. 17, 1926. Serial No. 95,238. 1 Claim. (Cl. 45—7.)



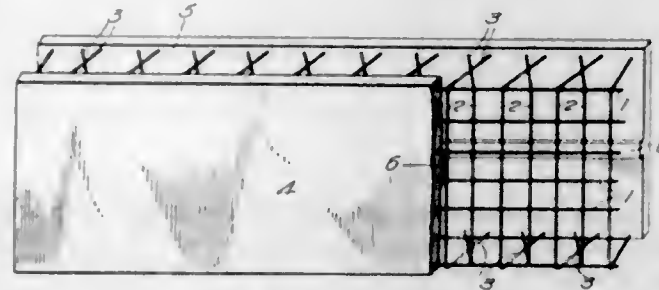
A drawer for use in a watchmaker's cabinet, comprising a rectangular frame, the said frame being provided with transverse and longitudinal guides, a plate provided with depressed cups mounted in said transverse guides, the said plate being of less width than the internal width of said frame, an apron tray of less length than the internal length of said frame and mounted in said longitudinal guide above said plate, whereby the said tray may be slid over said plate.

1,643,102. EGG SUPPORTING AND TURNING DEVICE. DANIEL MERRILL TORRANCE, Garwin, Iowa. Filed Feb. 4, 1926. Serial No. 80,025. 1 Claim. (Cl. 119—44.)



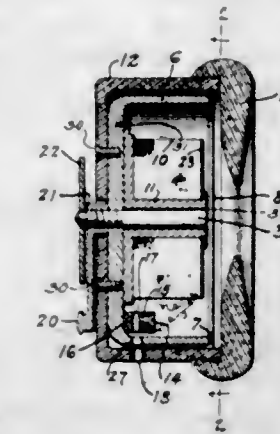
An egg turning and supporting device comprising rails, a plurality of shafts connected to the rails and being annularly grooved to define seats for eggs, parallel wires connected to said rails and arranged above and at opposite sides of said shafts to hold the eggs upon the tops of said seats whereby each row of eggs rests solely upon one shaft and air will be permitted to circulate around all portions of the eggs, gears connecting all of the shafts, means whereby the shafts may be simultaneously turned, and strips between said shafts and defining a platform.

1,643,103. BUILDING UNIT AND METHOD. RAFAEL TROZZO, Buenos Aires, Argentina. Filed July 14, 1926. Serial No. 122,476. 3 Claims. (Cl. 72—42.)



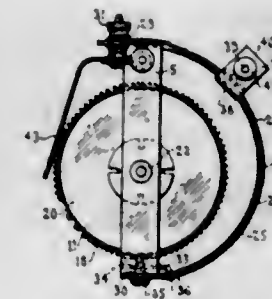
1. A building unit, consisting of spaced slabs of cementitious material, and a reinforcement therefor, said reinforcement including a plurality of connecting elements between the slabs, crossing one another in the space separating the slabs, each slab having a longitudinal flange along its inner surface.

1,643,104. TELEPHONE RECEIVER. DAVID RONALD WALLACE, Joplin, Mo. Filed Nov. 18, 1923. Serial No. 675,206. 9 Claims. (Cl. 179—120.)



1. In a receiver of the character described, in combination, two pole pieces, one inside of the other, the outer pole piece being provided with a knife edge and a diaphragm supported from said knife edge.

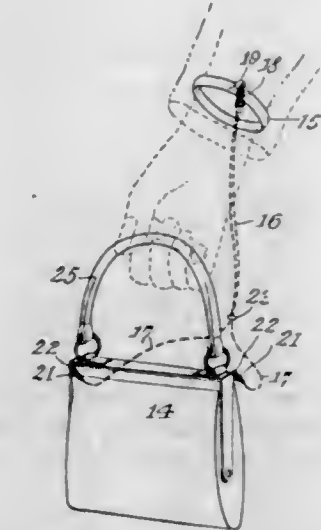
1,643,105. RESISTANCE CONTROL APPARATUS. HENRY J. WIEGAND, Milwaukee, Wis., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis., a Corporation of Wisconsin. Filed June 4, 1923. Serial No. 643,328. 15 Claims. (Cl. 201—55.)



3. In resistance control apparatus, the combination with a rheostat having associated supporting means, of an attachment for substantially augmenting the total ohmic value of said rheostat, comprising an auxiliary flexible resistor device having terminal means including a rigidly secured terminal device having parts to cooperate directly with said rheostat supporting means to provide for arcuate positioning of said auxiliary resistor about said rheostat and for terminal connection thereof in circuit with said rheostat, said auxiliary resistor having means for preselecting the effective ohmic value thereof.

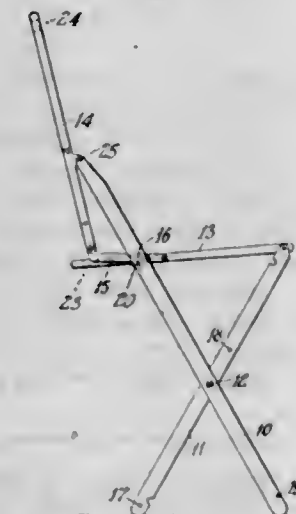
1,643,106. SAFETY MEANS FOR HAND BAGS OR THE LIKE. JOHN P. WILLIAMS, New York, N. Y., assignor to Duplex Electric Company, New York, N. Y., a Corporation of Delaware. Filed Jan. 24, 1924. Serial No. 688,258. 1 Claim. (190—61.)

A safety means of a class described, comprising a securing member for attachment to the person of the user, a flexible connecting member extending longitudinally from said securing member and having plural lengths, connection means between the initial end of said connecting member and said securing member, detachable connection means respectively carried at the terminal ends of the plural lengths of said connecting member for detachable attachment to opposite sides of the spread or hinge mouth opening of a hand bag or receptacle, and means for bringing together the plural lengths of said connecting member,



whereby the connecting member will be operative in attachment to lock the mouth of the bag or receptacle against opening accidentally or under gravity action.

1,643,107. COLLAPSIBLE CHAIR. WILLIAM J. BAUER, New York, N. Y., assignor to Foltite Chair Corporation, New York, N. Y., a Corporation of New York. Filed Aug. 18, 1925. Serial No. 50,893. 8 Claims. (Cl. 155—147.)



1. A collapsible chair, comprising a rear pair of legs, a front pair of legs pivoted thereto between the ends thereof and extending above the upper end of said rear pair of legs, a seat member pivoted to the upper end of the rear pair of legs, a back member pivoted to the upper end of the front pair of legs and beyond the bottom edge of which back member the rear of the seat member projects, a rod extending beneath the seat member and connecting the front pair of legs, and arms between the seat and back member providing a hinged connection therebetween, said arms having means extending therefrom for engaging the said rod.

1,643,108. CLOSURE FOR SHOE UPPERS. MARY EVELYN BENDELARI, New York, N. Y. Filed Nov. 23, 1926. Serial No. 150,328. 7 Claims. (Cl. 36—50.)

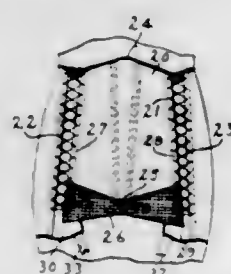
7. A closure for a shoe upper comprising a group of straps adapted to extend from one side of an upper opening, a similar group adapted to extend from the opposite side of said opening and having each strap of the second group arranged to lie across the first-mentioned group

and interwoven with at least two of the straps of the first-mentioned group while left free for edgewise and longitudinal movement independently of the straps in



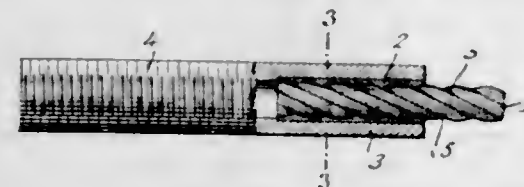
which it is interwoven, means connecting the free ends of one group, and means connecting the free ends of the other group for causing each group to move as a unit.

1,643,109. CORSET. THOMAS G. BOWERS, New Haven, Conn. Filed June 26, 1925. Serial No. 39,748. 4 Claims. (Cl. 2-41.)



1. A corset comprising a main section and a front section, said front section being adapted to extend continuously across the front portion of the body of the wearer and having its edges connected to the main section at the sides of the garment, and said front section comprising an upper inelastic portion and a lower elastic portion, said portions being coextensive in width and secured together along the meeting edges thereof, said inelastic portion having its lower edge carried down further at the center than on the sides, and said elastic portion being longer at its side edges than at the intermediate portion thereof.

1,643,110. ATTACHMENT FOR WIRE ROPE AND PROCESS FOR PRODUCING THE SAME. ARTHUR J. BRIGGS, Syracuse, N. Y., assignor, by mesne assignments, to American Cable Company, Inc., New York, N. Y., a Corporation of Delaware. Filed Aug. 11, 1924. Serial No. 731,325. 9 Claims. (Cl. 29-148.)

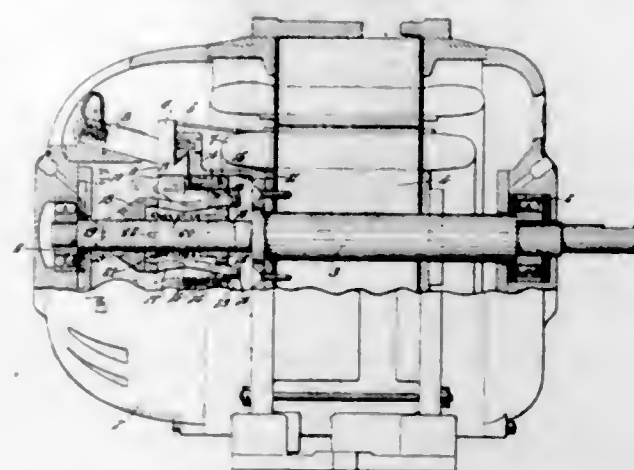


1. The method of anchoring attachments to stranded wire structures, which consists in applying to the stranded wire structures a sleeve of relatively soft and malleable metal, enclosing the soft sleeve in another sleeve of harder metal and applying compressive force to the outer sleeve while said soft sleeve is still uncompressed and continuing said compression of said outer sleeve until the material of the inner sleeve flows and compacts into the grooves or threads of the stranded wire structure.

6. A wire rope attachment comprising a connecting element provided with a sleeve surrounding the rope and

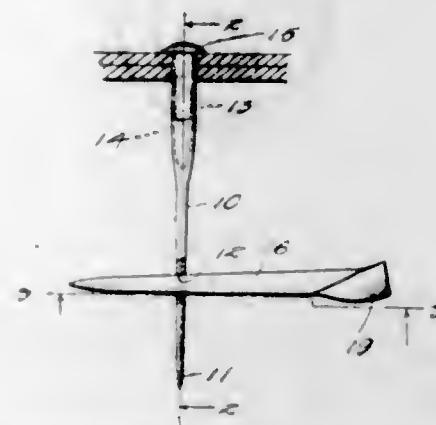
retained thereon by a filler of relatively soft and malleable metal compacted in the space between the sleeve and the rope.

1,643,111. SHORT-CIRCUITING DEVICE FOR ELECTRIC MOTORS. FRANCIS J. BULLIVANT, St. Louis, Mo., assignor to Valley Electric Company, St. Louis, Mo., a Corporation of Delaware. Filed Feb. 18, 1924. Serial No. 693,319. 5 Claims. (Cl. 172-279.)



1. In an alternating current motor having a commutator at the front end thereof, means for short circuiting the commutator comprising a series of short-circuiting elements adapted for movement forwardly to contact with the commutator, a support for said contact elements, and centrifugal elements pivoted forwardly of the commutator and connected to move said support forwardly to contact position.

1,643,112. RIVET-SETTING IMPLEMENT. CHARLES A. CHISHOLM, Jenningsston, W. Va., assignor of one-half to Angus Chisholm, Jenningsston, W. Va. Filed Mar. 10, 1927. Serial No. 174,339. 1 Claim. (Cl. 218-19.)

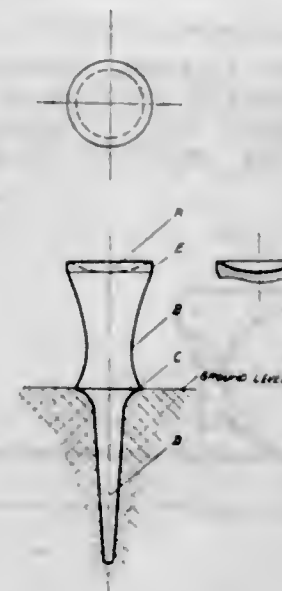


Means for inserting split rivets in material comprising a member tapered from end to end, one end of the member being pointed, the opposite end of the member having a socket adapted to receive the shank of the split rivet which is to be inserted, said member having adjacent its pointed end an eye elongated longitudinally thereof, and a handle bar having a pointed end adapted for insertion in said eye to thereby provide a grip whereby the member may be drawn through the material, and on its other end a wedge-shaped structure the smaller end of which is adapted to enter the split of the rivet to thereby force the wings thereof apart.

1,643,113. GOLF TEE. JACK CLARK, Rosedale, N. Y. Filed Oct. 27, 1925. Serial No. 65,215. 4 Claims. (Cl. 273-33.)

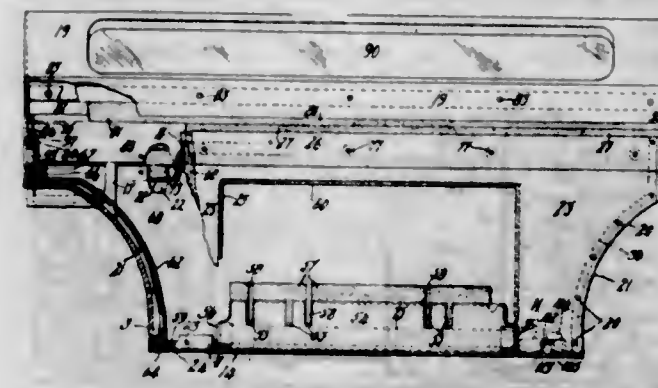
1. A golf tee made of rigid material, comprising a body portion having a top shaped so as to hold a golf ball in a fixed position, said body portion having also a downwardly

and outwardly flared shoulder beneath the said top located at a level to position the body portion of the tee against the surface of the ground so that the upper



surface of said shoulder is adapted to act as a brake with the ground, and a shank extending downwardly from said shoulder to be inserted into the ground.

1,643,114. TYPEWRITING MACHINE. WILLIAM A. DONSON, Bridgeport, Conn., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed Nov. 26, 1924. Serial No. 752,316. 14 Claims. (Cl. 197-186.)

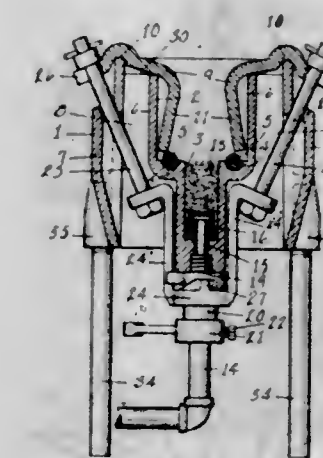


1. A sound-dampening casing for a typewriter machine, including a body-portion having an opening at the front for the typewriter-keyboard to project forwardly there-through, said casing also including a carriage-chamber which overhangs the body of the casing, said body-portion including an open front plate, and also including side walls and a rear wall, said side walls diverging from their bottoms to form overhangs, the upper end of each side wall forming a lower part of said carriage-chamber, means for attaching said side walls to said rear wall, panels being spaced from said side walls and coextensive therewith to form air-pockets, means attaching said panels to said side walls, a panel spaced from the rear wall and coextensive therewith to form an air-pocket, means for attaching said rear wall panel, and means attaching said front and rear walls to the front and rear edges of said side walls.

1,643,115. OIL BURNER. EDWARD A. FIELD and EDWARD A. FIELD, JR., Chicago, Ill. Filed Dec. 14, 1925. Serial No. 75,327. 14 Claims. (Cl. 158-91.)

1. The combination in a burner, of an elongated casing open at the top and bottom, a generating chamber open at the top and having a centrally disposed fuel trough at

the bottom thereof and wick channels at the sides of the fuel trough, said generating chamber being disposed centrally and longitudinally of the casing and in spaced relation to its side walls providing an air inlet passage at the sides of the generating chamber, said fuel trough containing fuel distributing material and said wick channels being provided with wicks, there being an overflow trough at one end of said fuel trough and wick channels, air passage members tiltably mounted on the upper edges of the casing side walls to overhang said air

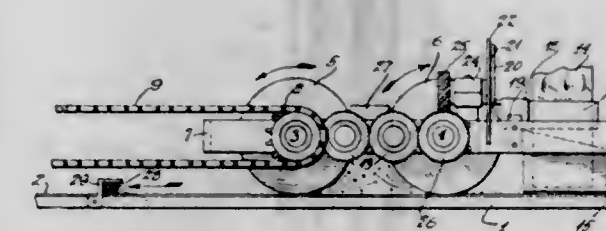


passage and depending within said generating chamber providing return air passages delivering in proximity to said fuel trough, said passage members being adapted to rest on the generating chamber walls when in one position thereby closing the air passages and exposing the wicks within the mixing chamber, a vertically disposed fuel feed pipe for said fuel trough, a sleeve rotatably mounted on said pipe and provided with a downwardly facing cam, a yoke slidable on said sleeve below said cam to be actuated thereby, and links connecting the arms of said yoke to said passage members.

1,643,116. COMPOSITION FOR TREATING PRODUCTS OF FIBER AND METHOD OF MAKING SAME. CHARLES R. FELIX, Hatfield, Pa. Filed Mar. 6, 1925. Serial No. 13,496. 5 Claims. (Cl. 134-78.6.)

1. A composition for the treatment of products of cellulosic sheet material consisting of approximately one quart of liquid silicate of soda of a density of about 40° Baumé, approximately forty-six grams of tungstate of soda and a stabilizing substance in requisite quantity all in solution in approximately two gallons of water.

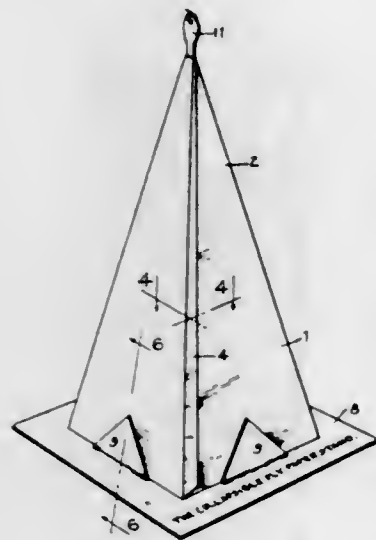
1,643,117. APPARATUS FOR APPLYING A LUBRICANT TO PAPER. CHARLES GUSTAVSON, Brooklyn, N. Y., assignor to Lion Match Co., Inc., New York, N. Y., a Corporation of New York. Filed June 9, 1925. Serial No. 35,851. 5 Claims. (Cl. 91-29.)



1. In an apparatus for applying a lubricant to paper, the combination with means for causing a web to travel, a plurality of rolls positioned to contact with the web, means for depositing lubricant upon the web in advance of the rolls, and means for simultaneously rotating the

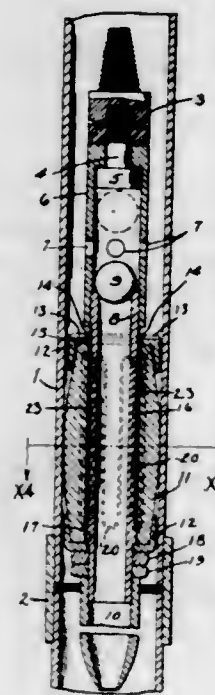
rolls in an opposite direction and for shifting them longitudinally of their axes of rotation, while in engagement with the web for the purpose of rubbing and distributing the lubricant over the surface of the web.

1,643,118. FLY-PAPER APPLIANCE. ERICK A. HAHN, Chicago, Ill. Filed Mar. 16, 1923. Serial No. 625,610. 1 Claim. (Cl. 43—114.)



A fly paper appliance comprising a piece of paper having adhesive thereon, stiffening devices at the edges and the bottom of said paper arranged so that when the paper is formed into a hollow upright device the stiffening devices will hold it in shape, a portion of the paper with the adhesive thereon projecting beyond said stiffening devices, a base upon which said paper rests, and confining devices for confining the paper to a predetermined portion of said base.

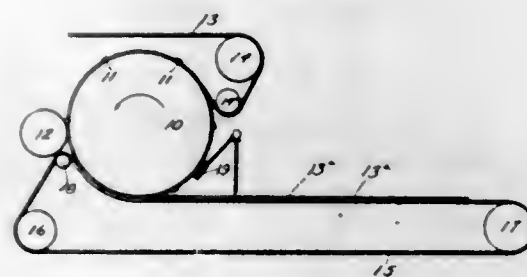
1,643,119. PACKER. WILLIAM WALTER HARTMAN, Los Angeles, Calif. Filed May 16, 1925. Serial No. 30,727. 9 Claims. (Cl. 74—109.)



1. A packer having a hole passing axially therethrough and an exterior surface elongated in the direction of said axis, and metallic reinforcing means molded into said packer to form a part thereof, said metallic reinforcing

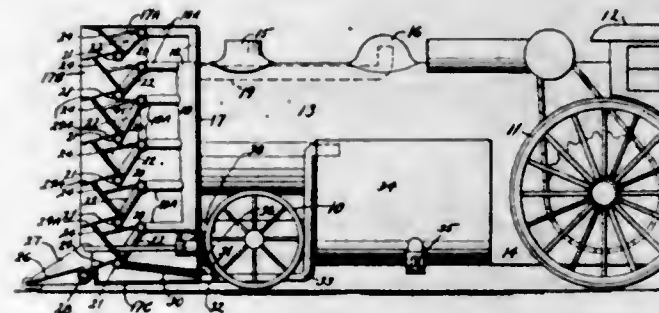
means having a longitudinally rigid lengthwise portion extending substantially parallel to the axis of said packer and terminating short of the forward extremity of said packer to make same strong longitudinally.

1,643,120. ROTARY CUTTER. EDMUND A. HOENER, Akron, Ohio, assignor to The Firestone Tire and Rubber Company, Akron, Ohio, a Corporation of Ohio. Filed July 29, 1924. Serial No. 728,858. 5 Claims. (Cl. 164—68.)



5. A rotary cutter comprising a roller having a series of knives helically arranged thereon, means for feeding stock sheet material onto the roller, means cooperating with the knives for cutting the material, conveyor means for receiving the cut stock from the cutter, and means for forcing the leading ends of the cut strips of material from between the knives onto the conveyor means to remove them from the roller.

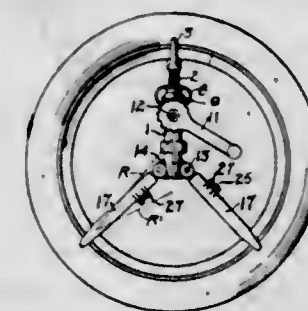
1,643,121. SNOW CONDENSER. ERWIN J. JONES, St. Paul, Minn. Filed Nov. 27, 1926. Serial No. 151,231. 4 Claims. (Cl. 37—12.)



1. In combination with a power driven vehicle having a source of steam, an upright housing mounted on the front end of said vehicle and open forwardly, a snow scoop mounted on the lower end of said housing and directed forwardly thereof, a primary scoop rearward of said main scoop, a series of vertically spaced secondary scoops fixed transversely in the open end of said housing and plates hinged one under each of said latter scoops and extending normally down and rearwardly to close the space between two adjacent scoops, a pipe frame fixed transversely of the housing rearward of each said scoop and communicating with the source of steam, steam outlets provided in the horizontal members of each said pipe frame, said main snow scoop adapted to move snow into the housing when the vehicle is propelled forwardly and the successive vertically arranged hinged plates adapted to be swung rearwardly by engagement of snow therewith according to the depth of snow, a steam valve for each said plate and adapted to be opened by the swinging movement of the plate to let out steam through said apertures, the said apertures being arranged to spray steam through the snow upwardly and downwardly in

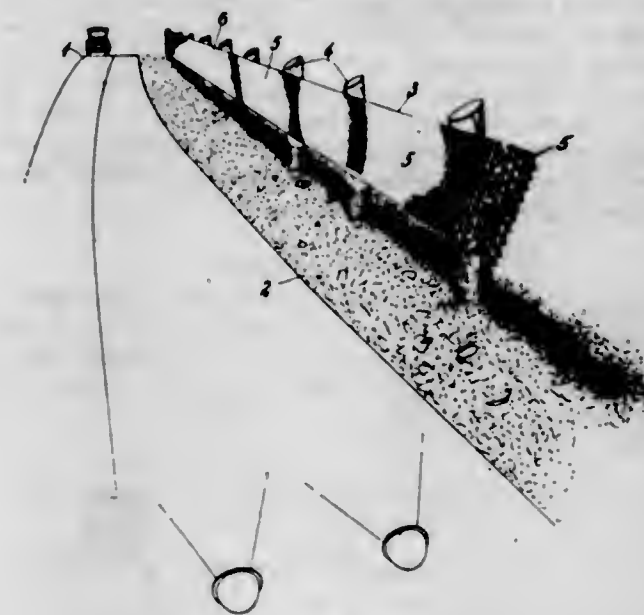
rearward angular direction to melt the snow, said valves being normally closed when the plates are in normally closed and suspended position, and means for receiving and storing said melted snow.

1,643,122. RIM CONTRACTING AND EXPANDING TOOL. JOHN A. KENNEDY, Seattle, Wash., assignor to Pacific Rim Tool Company, a Partnership consisting of William T. Kennedy and Thomas L. Kennedy, Cleveland, Ohio, and John A. Kennedy, Seattle, Wash. Filed Aug. 14, 1926. Serial No. 129,116. 5 Claims. (Cl. 157—1.)



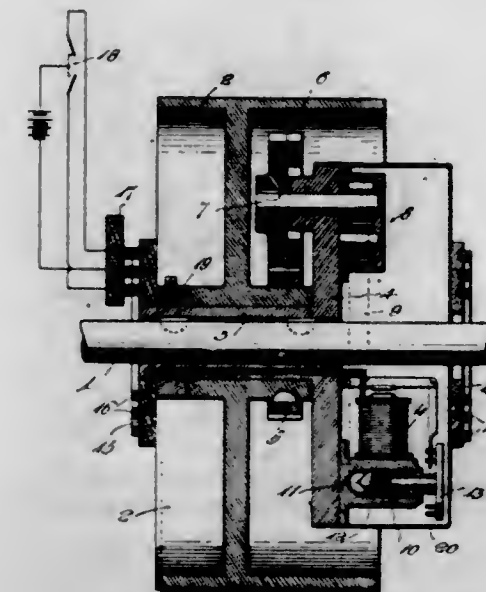
1. A rim expanding and contracting tool, comprising a main frame, a rim engaging member supported thereby and movable relative thereto, power increasing means to advance and retract said member, two arms pivoted to the main frame at the end opposite said member, each of said arms comprising sections relatively and longitudinally slidable, and means including a locking member movably carried by one of said sections and forming a permanent part thereof and arranged to engage the other section at definite separated points for locking the sections in various positions, whereby the tool may be quickly adjusted for effective use on widely different sized rims.

1,643,123. TRAFFIC PROTECTIVE STRUCTURE. WILLIAM THOMAS KYLE, Bridgeport, Conn., assignor to Page Steel and Wire Company, a Corporation of New Jersey. Filed Dec. 3, 1924. Serial No. 753,662. 7 Claims. (Cl. 256—1.)



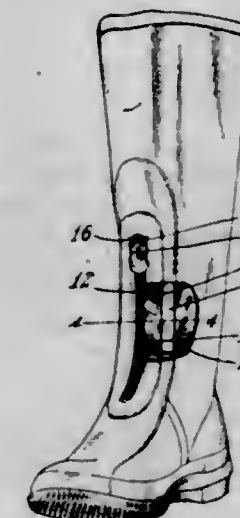
1. A shock absorbing highway guard comprising a series of rigid vertical supports adjacent the side of a highway and, fastened to and extending between said supports, a strip of wire fabric resistingly extensible laterally under impact.

1,643,124. VARIABLE-SPEED PULLEY. FRED C. LARGEN, Creighton, Nebr. Filed Oct. 25, 1926. Serial No. 144,091. 5 Claims. (Cl. 74—34.)



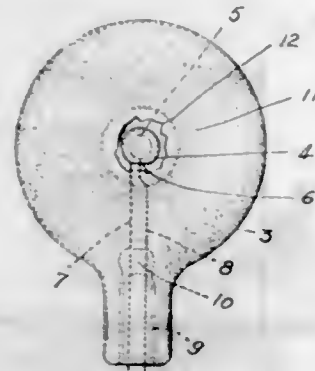
1. In speed control mechanism, the combination of a shaft, a body mounted on the shaft and having a flange formed thereon, an idle pulley mounted on the body, a spur gear mounted on the pulley, an oil pump secured to the flange of the body, a shaft mounted in the flange and adapted to actuate the pump, a gear mounted on the shaft and in mesh with the first named gear, a pipe connected with the pump, a choke valve communicating with the pipe, a ratchet wheel mounted on the stem of the choke valve, magnets arranged above the choke valve and having a pawl and ratchet adapted to intermittently contact the ratchet and means connected with the magnets for closing and opening the circuits to the magnets from a suitable source of electric energy.

1,643,125. FORM-FITTING BOOT. LESLIE H. L'HOLLIER, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a Corporation of New York. Filed Feb. 6, 1926. Serial No. 86,602. 3 Claims. (Cl. 36—5.)



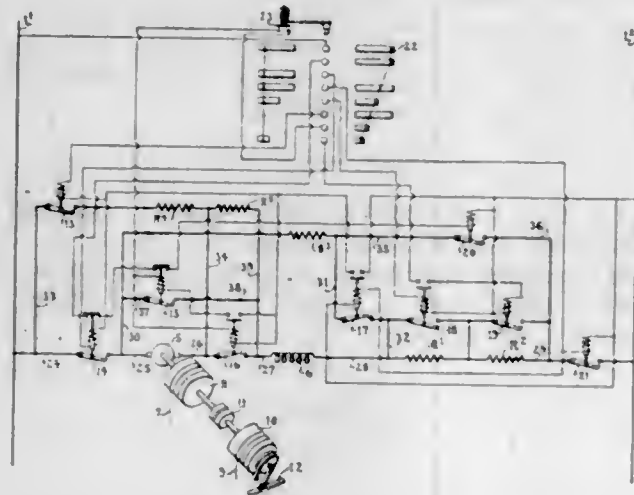
1. A boot having a wall thereof formed with a slit having closed ends, a closure member for said slit joined about its entire periphery to the wall of the boot, and fastening means for joining and dis-joining the slit-defining margins, the said wall being of elastic construction in a region between the fastening means and the region of the closure member's attachment to the wall.

1,643,126. LUMINOUS ELECTRODE DISCHARGE LAMP. CHARLES FREDERICK LORENZ, East Orange, N. J., assignor to Westinghouse Lamp Company, a Corporation of Pennsylvania. Filed Mar. 14, 1923. Serial No. 624,915. 8 Claims. (Cl. 176-123.)



1. An electric incandescent lamp comprising an envelope containing an electrical discharge-sustaining atmosphere, an electrode within said envelope and at least one other electrode disposed around said first mentioned electrode and spaced uniformly therefrom so as to absorb substantially all of the heat radiated from said first mentioned electrode and reach a state of incandescence to constitute a light source.

1,643,127. CONTROLLER FOR ELECTRIC MOTORS. NIELS L. MORTENSEN, Milwaukee, Wis., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis., a Corporation of Wisconsin. Filed Apr. 25, 1921. Serial No. 464,410. 6 Claims. (Cl. 172-152.)

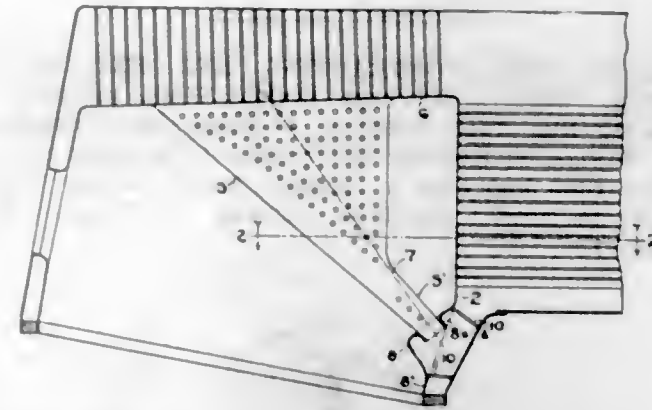


1. The combination with a reversible driving motor for bucket hoists and the like, of control means therefor comprising a drum movable to effect series connection of the motor field and armature to the line for hoisting and also movable to effect parallel connection of said elements to the line in reverse relation to each other for lowering, independently operable means associated with said former means for alternatively effecting series connection of said elements in a reverse relation to provide for rapid opening of the bucket, and means for insuring dynamic braking connections for the motor upon failure of line voltage or upon movement of said drum to off position.

1,643,128. EXPANSION AND CONTRACTION ANCHORAGE FOR THERMIC SIPHONS. JOHN L. NICHOLSON, Chicago, Ill., assignor to Locomotive Firebox Company, Chicago, Ill., a Corporation of Delaware. Filed Feb. 21, 1922. Serial No. 538,410. 4 Claims. (Cl. 122-68.)

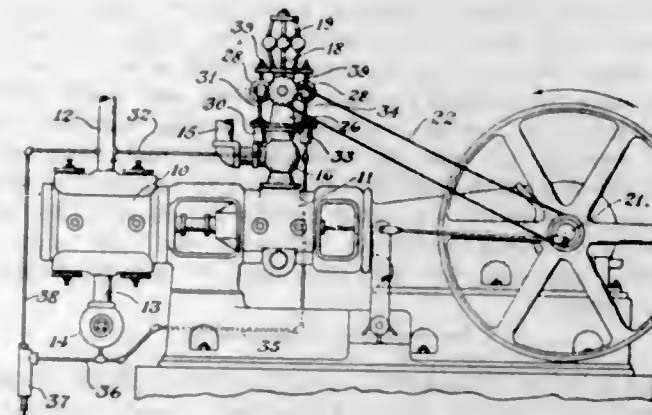
1. A locomotive firebox embodying therein a throat sheet and containing a thermic siphon having a neck, the

line of expansion and contraction of said siphon extending at an acute angle to said throat sheet, an inverted cylindrical pot incorporated in said throat sheet with its



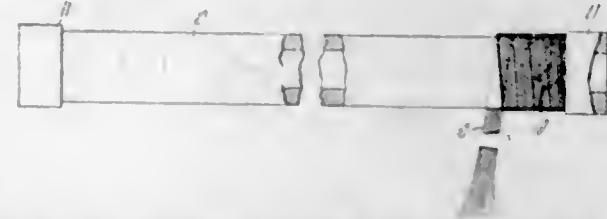
axis in substantial alignment with said line of expansion and contraction and having a wall with an opening therein to receive the end of said neck.

1,643,129. GOVERNOR FOR STEAM-DRIVEN COMPRESSORS. WARD RAYMOND, Easton, Pa., assignor to Pennsylvania Pump and Compressor Company, Easton, Pa., a Corporation of Pennsylvania. Filed Nov. 6, 1925. Serial No. 67,316. 5 Claims. (Cl. 230-5.)



1. A regulator for steam driven compressors comprising in combination, a steam valve for admitting steam to operate said compressor, speed operated means to control the movement of said valve, a pilot valve and an unloader, two independent pressure operated means to control the movements of said valve, one of said latter means operating through said pilot valve controlling the unloader, the other said means being connected to the discharge conduit of said compressor, means to limit the closing movement of said valve by said pressure operated means, and means to adjust said pressure operated means to operate at different pressures.

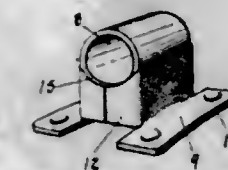
1,643,130. TYPEWRITING MACHINE. EDWARD G. ROWLEY, Belleville, N. J., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed Oct. 7, 1925. Serial No. 61,047. 13 Claims. (Cl. 197-147.)



1. A platen for a typewriting machine including a cylindrical core having a reduced cylindrical diameter extending the full length of the platen except for full-size head portions at the ends thereof, means for securing said

core to a platen-axis, tight windings of cord around the turned-down diameter of said core, said diameter between said heads being increased solely by said tight windings to substantially the full diameter of the core so as to form a core having a uniform diameter, and a printing-surface shell closely fitting over said core.

1,643,131. LAMP BRACKET. HERMAN R. SAXON, Toledo, Ohio, assignor, by mesne assignments, to The Electric Auto-Lite Company, Toledo, Ohio, a Corporation of Ohio. Original application filed Mar. 10, 1916, Serial No. 83,315. Divided and this application filed Nov. 15, 1919. Serial No. 338,373. 6 Claims. (Cl. 248-20.)



1. A sheet metal mounting bracket comprising a body having a pair of parallel arms; base members at the free ends of said arms extending substantially at right angles thereto; and intermediate members secured to said body above said base members, and in contacting abutted relation to each other for spacing apart the arms of said body.

1,643,132. MEANS FOR EXCLUDING DRAFTS FROM UNDER DOORS. WALLACE SCOTT and STEWART DUDLEY MARJORIBANKS, Newcastle-upon-Tyne, England, assignors to Scotts Household Appliances Limited, Newcastle-upon-Tyne, England, a Company of Great Britain. Filed Apr. 20, 1927. Serial No. 185,153, and in Great Britain Jan. 13, 1927. 3 Claims. (Cl. 20-65.)

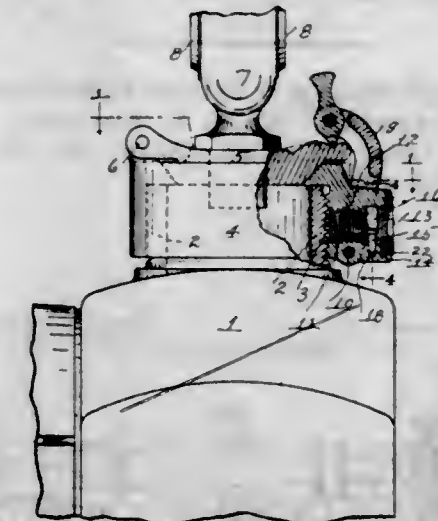


1. In association with a draft excluder for doors in which a horizontal member is hinged to the lower portion of the door and is required to be automatically angularly turned on a horizontal axis when the door is opened, the combination of a double-hinged fitting, comprising a hinged plate for attachment to the door jamb, a hinged plate for attachment to the horizontal member, and an angle plate to which both hinges are jointed at equal angles, one of such hinge joints being inclined to the plane containing the face of the door, whereby angular adjustment is automatically given to the horizontal member by the opening of the door.

1,643,133. CAP FOR AUTOMOBILE RADIATORS. JOHN W. SEALOCK, Grand Rapids, Mich., assignor, by mesne assignments, to Wolverine Metal Specialties Co., Grand Rapids, Mich., a Corporation of Michigan. Filed Sept. 22, 1923. Serial No. 664,172. 2 Claims. (Cl. 220-24.)

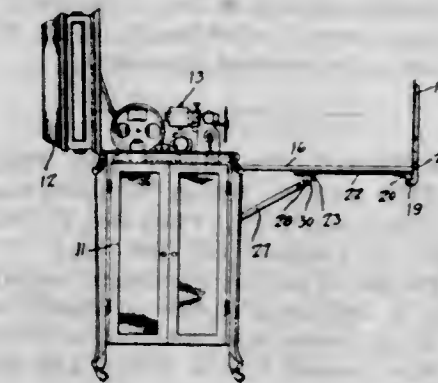
1. In a cap for automobile radiators; a hollow cylindrical body surrounding the neck of the radiator, carrying a cover therefor, and provided with an opening through its side wall having a threaded inner portion and an outer portion provided with a socket in its side; a set

screw threaded in said inner portion and engaging said neck to lock the cap thereto; a plug slidably inserted into said outer portion and having a transversely extend-



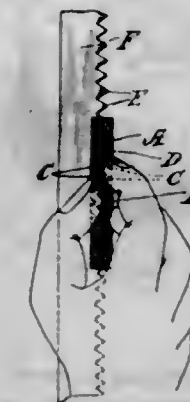
ing orifice; a bolt slidable in said orifice and into said socket, the plug having stops to hold the bolt in said orifice in its sliding movements.

1,643,134. PICTURE-PROJECTING APPARATUS. IWAN SERRURIER, Altadena, Calif. Filed Feb. 21, 1923. Serial No. 620,363. 9 Claims. (Cl. 88-24.)



5. A picture-projecting apparatus comprising a cabinet, a picture projector supported in the upper portion of the cabinet, a closure for the lower portion of the cabinet adapted to swing downwardly and inwardly into closed position, a screen, and means connecting the screen to the closure and operating to hold the screen in position to project upwardly from the closure when the closure is open and to lie along the inner face of the closure when the closure is shut.

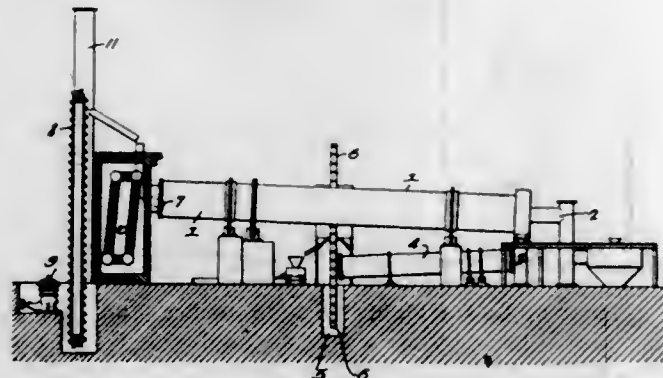
1,643,135. HAND AND BAND SAW SIDE FILE. SAMUEL A. SHELTER, Cleveland, Ohio. Filed Aug. 17, 1926. Serial No. 129,838. 3 Claims. (Cl. 29-79.)



1. As a new article of manufacture a side file for saws, consisting of a file body provided with side walls of substantially the same width as the teeth of a saw, and

means intermediate the ends of the body to allow for the gripping of the file by the user in a manner that will prevent any slippage of the file as it is pushed along the sides of the teeth of a saw.

1,643,136. PROCESS OF MANUFACTURING CEMENTITIOUS MATERIAL. HENRY S. SPACKMAN, Ardmore, Pa. Filed Sept. 22, 1923. Serial No. 664,253. 5 Claims. (Cl. 106—25.)



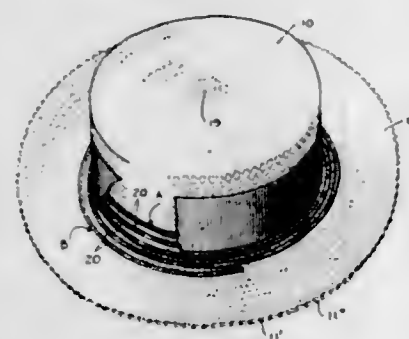
3. The process of producing low lime high aluminous cements which comprises fusing in a rotary kiln a mixture of lime and aluminous materials so proportioned that the lime is present in an amount substantially that required to combine by weight in a monocalcic ratio with the acid acting elements,—the length of the kiln not exceeding ten times its internal diameter.

1,643,137. HYDRAULIC CEMENT AND PROCESS OF MAKING THE SAME. HENRY S. SPACKMAN, Lehman Township, Pike County, Pa. Filed Dec. 17, 1924. Serial No. 756,623. 38 Claims. (Cl. 106—25.)

6. In the process of making aluminous cement the steps which consist in melting a charge of aluminous material and a base in an atmosphere adapted to prevent reduction of the iron present in the charge and then cooling the resulting slag.

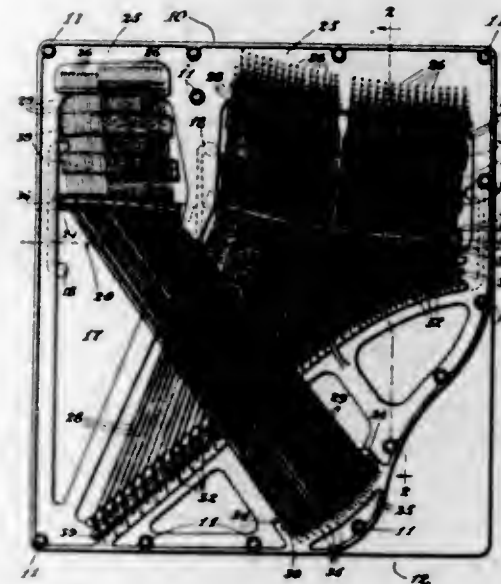
26. A chilled melt for pulverization in the manufacture of low lime aluminous cement, said melt being characterized by the fact that the molecular ratio of lime to alumina in combination does not exceed one to one and none of the iron present in the original charge exists in reduced form.

1,643,138. STRAW HAT. CARL STEINBERG, New York, N. Y. Filed Jan. 19, 1927. Serial No. 162,167. 4 Claims. (Cl. 2—193.)



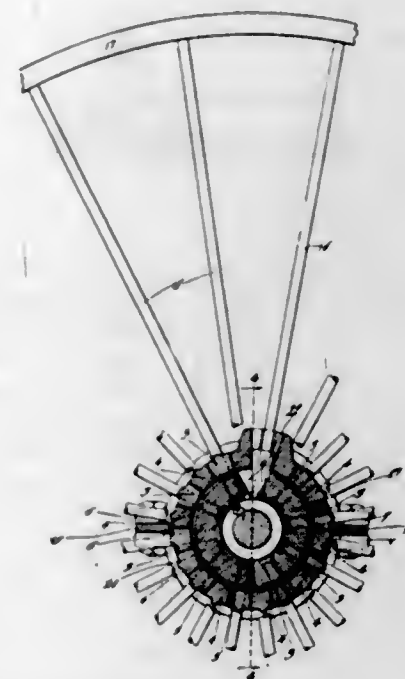
1. A straw hat comprising a crown part, a brim part and an intermediate interconnecting part comprising overlapped, contacting, unconnected braids with a pliant strip covering the overlapped edge and connected at its opposite edges with both braids.

1,643,139. PIANO. ANTON G. SULAK, Seattle, Wash. Filed Aug. 1, 1923. Serial No. 654,966. 12 Claims. (Cl. 84—212.)



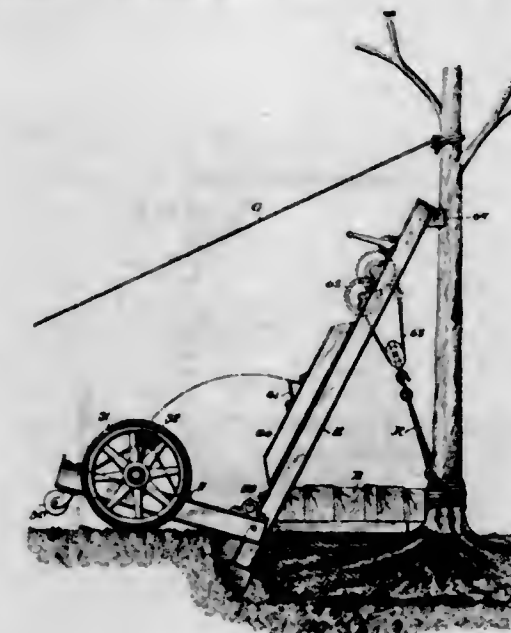
11. In a piano, in combination, a frame, a resonator secured within said frame, a string plate secured to said frame, strings attached to said string plate, action hammers associated with said strings, and a string supporting bridge affixed to the forward wall of said resonator in close proximity to and upon the tuning pin side only of the plane of contact of said action hammers with said strings.

1,643,140. FLASK FOR CASTING METALLIC-WHEEL HUBS. FREDERICK A. THOMANN, East Moline, Ill., assignor to Deere & Company, Moline, Ill., a Corporation of Illinois. Filed Sept. 22, 1924. Serial No. 738,990. 3 Claims. (Cl. 22—138.)



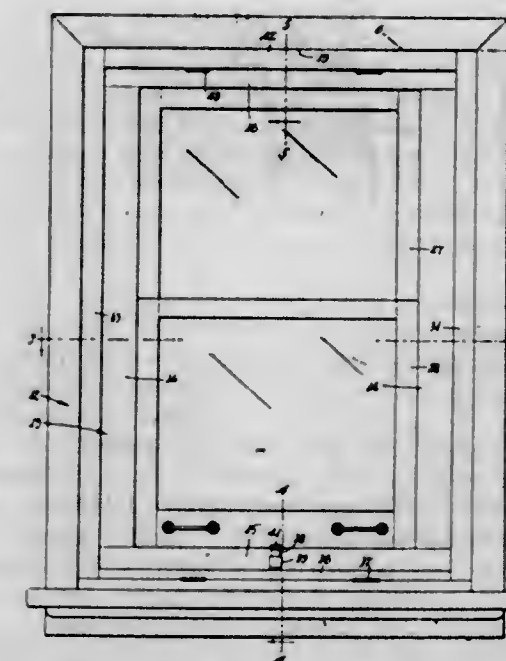
1. A sectional flask for molding wheel hubs having its interior conforming to the shape of a hub, spoke holes in said flask, a sectional ring fitting snugly within the flask, a core extending through said ring and supported in the flask and having a lesser diameter than the inner diameter of the ring, and means to hold said ring in position.

1,643,141. TREE REMOVER. ALBERT WILLIAM WADLEY, Yonkers, N. Y. Filed June 24, 1926. Serial No. 118,277. 7 Claims. (Cl. 214—3.)



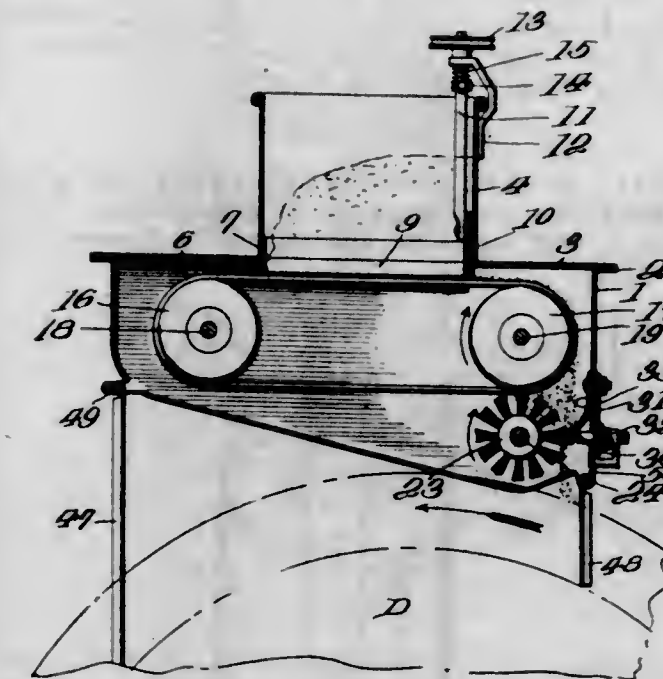
1. For removing, transporting and transplanting a tree and its roots and soil clinging thereto, an apparatus comprising the combination of a front truck, a rear truck, means for detachably connecting said trucks together, a lever-like frame structure carried by the rear truck and connected thereto at one end for relative movement, said frame structure serving for supporting said tree, a tensioning device carried by said frame structure serving to secure the tree thereto, and means on the rear truck which coacts with means on the frame structure for supporting the frame structure in an inclined position over the rear truck.

1,643,142. WINDOW FRAME. GEORGE L. WHIFFS, Portland, Oreg., assignor to Duo-Run Reversible Window Company, Portland, Oreg., a Corporation of Oregon. Filed Mar. 1, 1927. Serial No. 171,861. 10 Claims. (Cl. 20—51.)



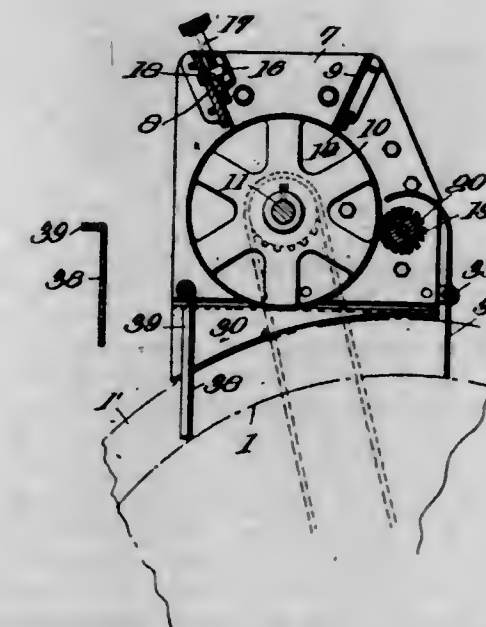
1. A window comprising a main frame, a supplementary frame mounted for turning movement therein about a vertical axis, and a spring influenced bar hinged to the lintel of the supplementary frame to swing upwardly and overlap the lintel of the main frame, said bar having a rabbet extending from one end to provide a clearance between the bar and the lintel of the main frame.

1,643,143. APPARATUS FOR DUSTING POWDERED SUBSTANCES ON SURFACES. PHILIP W. WILCOX, Atlanta, Ga.; Katharine Rawling Wilcox executrix of said Philip W. Wilcox, deceased. Filed Mar. 6, 1923. Serial No. 623,252. 1 Claim. (Cl. 107—7.)



A device of the class described comprising a hopper having a discharge outlet, a traveling endless belt disposed across said outlet for normally closing the outlet, means for moving said endless belt whereby a layer of the material in the hopper is carried from the hopper by said belt, means on said hopper and spaced from said belt for determining the thickness of the layer on said belt, a rotatable brush associated with said endless belt and disposed so as to remove the layer of material from said belt, and means for causing the bristles of the brush to flick the material taken from the belt against a desired surface beneath said brush, said means for causing the bristles to flick the material including an adjustable bracket lying in the path of movement of said bristles.

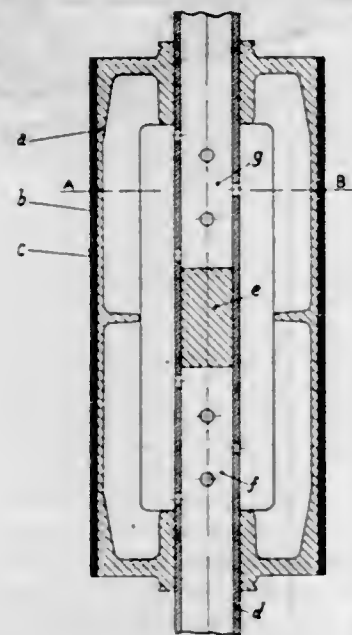
1,643,144. DUSTING MACHINE. PHILIP W. WILCOX, Atlanta, Ga.; Katharine Rawling Wilcox executrix of said Philip W. Wilcox, deceased. Filed Mar. 6, 1923. Serial No. 623,253. 1 Claim. (Cl. 107—7.)



In a device of the class described, the combination of a support, a hopper thereon having a discharge outlet, a rotatable cylinder journaled on said hopper with its pe-

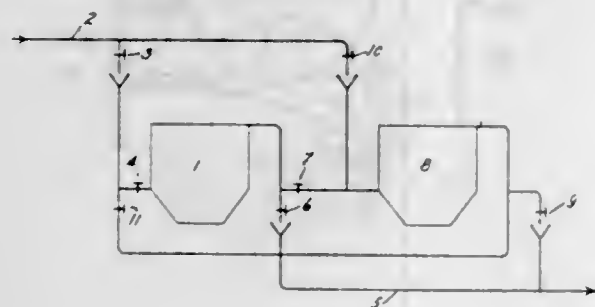
riphery lying across the mouth of said hopper outlet, a gear on said drum shaft, an idle shaft and a gear thereon meshing with said first-mentioned gear, a bracket pivotally mounted on said idle shaft, a brush shaft on said bracket, a brush on said brush shaft adapted to contact with the periphery of the drum, a gear on said brush shaft meshing with said idle gear, and means whereby said bracket may be adjusted angularly on its pivot to adjust the brush relatively to the drum.

1,643,145. PLATE CYLINDER FOR ROTARY INTAGLIO PRINTING. CARL WINKLER, Bern, Switzerland. Filed Feb. 5, 1927, Serial No. 166,226, and in Germany Aug. 28, 1925. 2 Claims. (Cl. 101-153.)



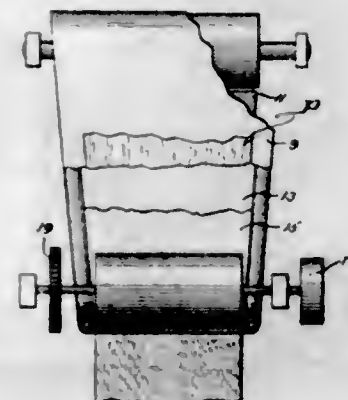
1. A plate cylinder for rotary intaglio printing comprising in combination, a hollow shaft, and a partition in said hollow shaft approximately at the center of length of the cylinder, the shaft being provided with a plurality of perforations on each side of the partition, substantially as, and for the purpose, set forth.

1,643,146. MERCURY RECTIFIER. JOHANN ALEXANDER, Zehlendorf, Berlin, Germany, assignor to General Electric Company, a Corporation of New York. Filed Sept. 18, 1925, Serial No. 57,244, and in Germany Oct. 8, 1924. 4 Claims. (Cl. 175-354.)



1. The method of controlling the temperature of loaded and unloaded mercury rectifiers which consists in utilizing the heat produced by operation of the loaded rectifier to maintain the unloaded rectifier at a temperature permitting it to be put into operation without delay.

1,643,147. CRINKLING PAPER. EDWARD H. ANGIER, Framingham, Mass. Filed July 16, 1925, Serial No. 44,004. 24 Claims. (Cl. 92-69.)

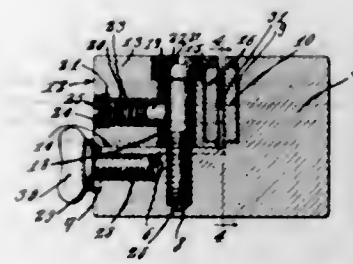


1. An unbroken paper web of indefinite length having crinklings extending longitudinally thereof and providing for elastic expansibility of the web transversely thereof.

6. A method of crinkling paper which comprises holding the paper against an extended surface and permitting the surface to contract.

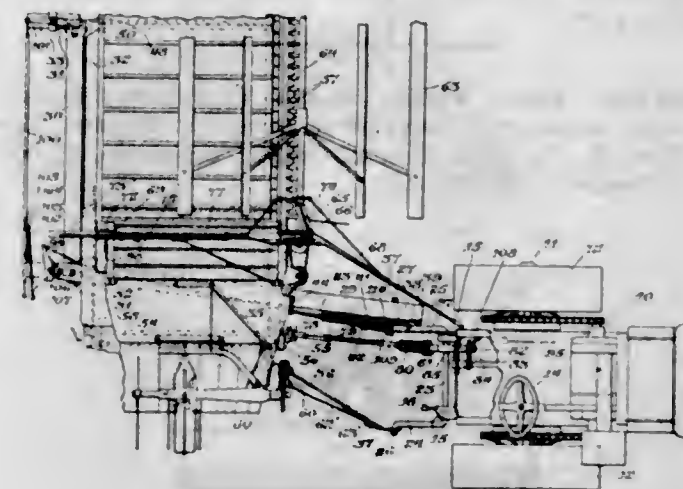
18. Crinkling mechanism comprising a yielding body, means to confine paper closely thereagainst and means to effect substantially uniform shortening and extension of said body.

1,643,148. BAND-SAW DRESSER. ARCHIE S. AVERY, Two Rivers, Wis. Filed Nov. 4, 1926, Serial No. 146,243. 11 Claims. (Cl. 76-47.)



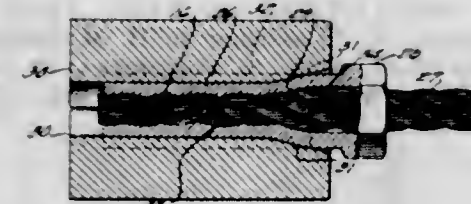
11. A tool for the purpose set forth comprising a body portion having an extension to provide a stationary support for a file member, an adjustable spring controlled slidable carrier having means for supporting a file member in opposed relation with respect to the file member supported by said extension, said carrier positioned on said body portion, means extending through the carrier and fixed to said body portion for slidably connecting the carrier thereto, a spring controlled means for the carrier mounted therein and abutting against the means for slidably connecting the carrier to the body portion, means adjustably connected to the body portion and overlapping said carrier to provide for adjusting the latter against the action of the spring controlled means therefor, means carried by the free end of the extension and the inner end of the carrier for detachably securing the file members therewith, and said carrier and body portion having coacting means to provide a guide for the sliding movement of the carrier.

1,643,149. TRACTOR HARVESTER. BERT R. BENJAMIN, Oak Park, and WILLIAM WEBBER, La Grange, Ill., assignors to International Harvester Company, a Corporation of New Jersey. Filed Nov. 15, 1919, Serial No. 338,169. 26 Claims. (Cl. 56-22.)



1. In combination, a tractor, an implement, means for coupling the tractor and implement, a shaft carried on the tractor, flexible means connecting the shaft and coupling means, and means for turning said shaft for adjusting the coupling means and implement.

1,643,150. ATTACHMENT FOR WIRE STRAND AND PROCESS FOR PRODUCING THE SAME. EDWARD A. CONNER, Stratford, Conn., assignor to American Cable Company, Inc., a Corporation of Delaware. Filed Dec. 4, 1925, Serial No. 73,136. 22 Claims. (Cl. 29-148.)



1. The process of securing an attachment upon stranded wire structure of the type adapted to sustain high tensile stresses, said process consisting in fitting a piece of high tensile strength metal stock, capable of cold flowing, upon said stranded wire structure and impacting said stock in such manner and to such an extent as to integrate the stock with the individual components of the stranded wire structure substantially throughout the region of attachment.

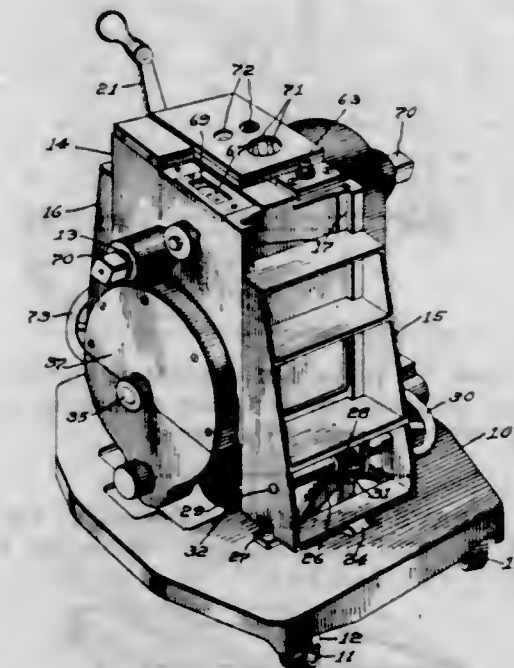
11. An attachment formed upon stranded wire structure, said attachment comprising a piece of metal stock surrounding the stranded wire structure and integrated intimately therewith by the process of applying impacting forces to said stock.

21. The combination with a stranded wire article of the class described, of an attachment comprising a sleeve having a cylindrical shank impacted upon said stranded wire, said shank having a non-cylindrical shaped operating portion.

1,643,151. TORQUE-MEASURING MACHINE. CHARLES F. COWDREY, Fitchburg, Mass. Filed Sept. 26, 1925, Serial No. 58,776. 10 Claims. (Cl. 265-25.)

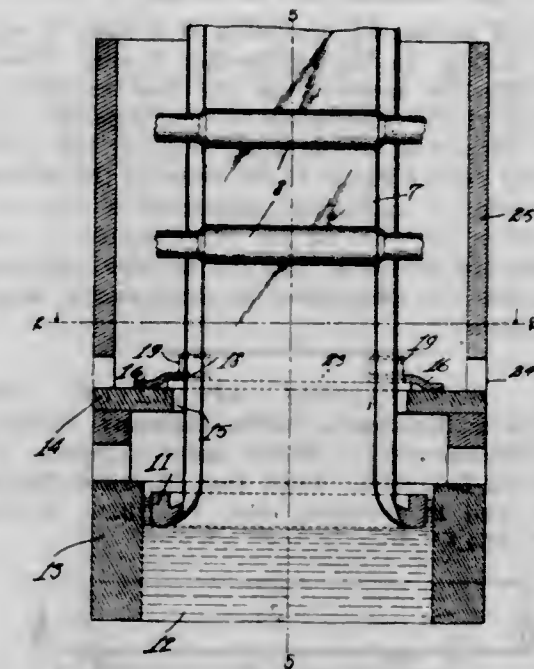
1. A torque measuring machine, comprising in combination, a supporting frame, a main shaft rotatively supported by the frame, driving means for said shaft including power transmitting mechanism, a rack slidably supported by said frame, a gear meshing with said rack to shift it and associated with said power transmitting mechanism

anism to be actuated by the variations in the turning torque applied to said shaft, a spring for opposing the shifting movement imparted to the rack by said gear, in



dicating means actuated by said driving mechanism to indicate the turning force applied to the main shaft, and adjustable means for regulating the tension of said spring.

1,643,152. APPARATUS FOR DRAWING GLASS. ADHEMAR A. DERROCO, Fairchance, Pa. Filed Sept. 9, 1926, Serial No. 134,458. 6 Claims. (Cl. 49-17.)

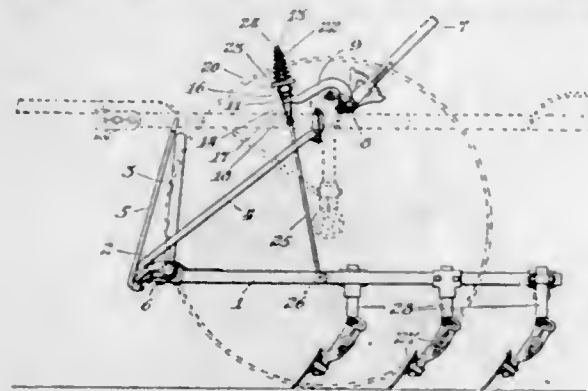


1. In a glass drawing apparatus, a holder for a bath of glass, a supplying float in the bath up through which the glass sheet is drawn, means for drawing the glass sheet upwardly, and flaps wholly below said drawing means and above the float and lying at the edge portions only of the sheet for intercepting falling glass.

1,643,153. ELEVATING AND DEPRESSING MECHANISM FOR CULTIVATORS. SAMUEL K. DENNIS, Chicago, Ill., assignor to International Harvester Company, Chicago, Ill., a Corporation of New Jersey. Original application filed Nov. 12, 1921, Serial No. 514,500. Divided and this application filed Jan. 30, 1926, Serial No. 84,828. 13 Claims. (Cl. 97-157.)

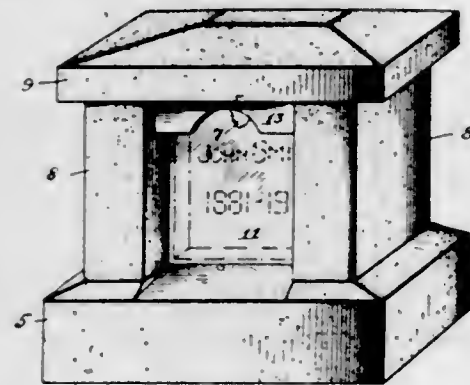
7. The combination with a pair of pivoted cultivator beams of unitary elevating and depressing means for

both beams comprising a crank arm, a transverse equalizer bar movably supported on the end of the crank arm,



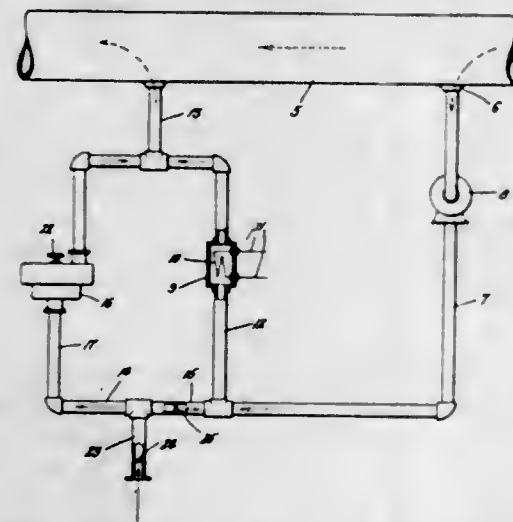
yielding means on the arm for resisting upward movement of the equalizer bar, and links connecting the ends of said bar with the respective beams.

1,643,154. GRAVE MONUMENT. PALMER L. DE YOUNG, Greer, S. C. Filed Jan. 11, 1927. Serial No. 160,449. 5 Claims. (Cl. 72-7.2.)



1. A grave monument consisting of a base, a separate back-slab having an inscription-face facing forwardly, separate side-slabs mounted on the base extending forwardly beyond the inscription-face, a separate top-slab removably supported on the upper ends of the aforesaid slabs to thus form a recess at the front of the monument, and a transparent glass-plate supported in front of the inscription-face and having its edges seated in grooves in the base, the side-slabs and the top-slab, whereby the top-slab holds the glass-plate in place firmly supported at all its edges.

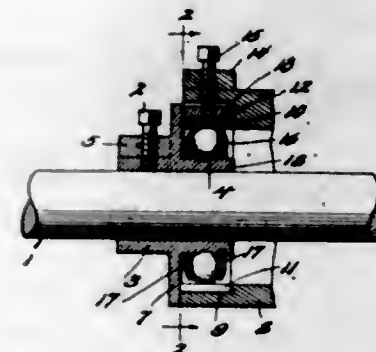
1,643,155. GAS-ANALYSIS APPARATUS. ROBERT EISENSCHITZ, Friedenau, Berlin, Germany, assignor, by mesne assignments, to Bailey Meter Company, a Corporation of Delaware. Filed Dec. 31, 1926. Serial No. 158,388, and in Germany Jan. 18, 1926. 6 Claims. (Cl. 23-254.)



4. In an apparatus of the character described, the combination with a gas conductor pipe, of a conduit means connected therewith for withdrawing a gas sample there-

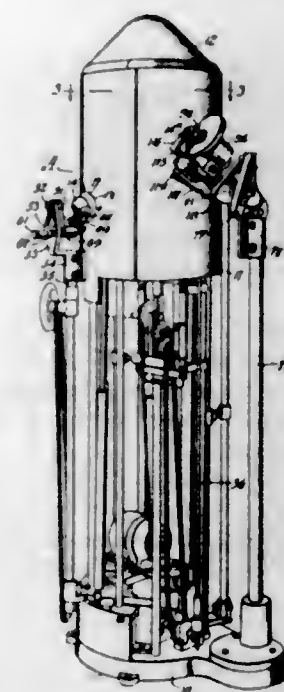
from and for returning the same thereto, a catalytic gas analysis device through which the gas sample is passed by said conduit means, means connected with said device for supplying a fluid combustion supporting medium thereto, together with the gas sample, and a pressure-regulating means for maintaining a constant difference in pressure between the fluid supply and the gas conductor pipe.

1,643,156. BALL RACE. FRANK T. FARMER, Detroit, Mich., assignor of one-half to Robert E. Farmer, New York, N. Y. Filed Feb. 27, 1925. Serial No. 12,002. 4 Claims. (Cl. 308-189.)



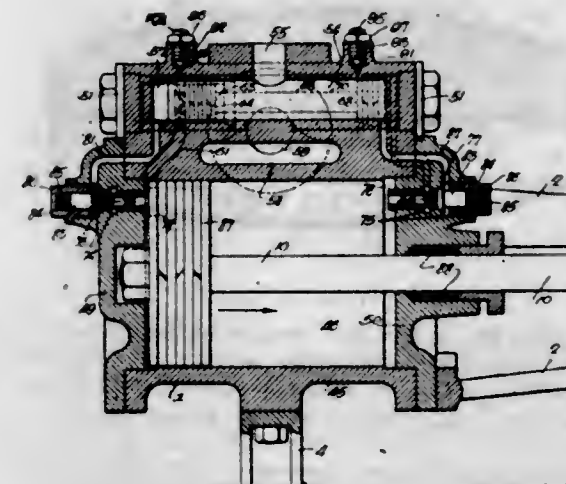
1. A ball bearing comprising an inner race, means for securing the said race to a shaft, an outer race, means for securing the outer race to a stationary housing, balls interposed between the said races, a groove in the inner race to hold the said balls against endwise movement, the surface of the outer race permitting endwise movement relative to said balls.

1,643,157. BLAS-CUTTING MACHINE. PERCY GARDNER, East Orange, N. J., assignor to H. M. Bunker & Co., Inc., New York, N. Y., a Corporation of New York. Filed Aug. 13, 1926. Serial No. 129,012. 12 Claims. (Cl. 164-61.)



2. In a blas cutting machine including a stationary mandrel member over which a tubular material is fed, material feeding and cutting elements independently adjustable with respect to the mandrel member for varying the degree of angularity of the blas material produced.

1,643,158. ENGINE. GEORGE GEDDIS, Detroit, Mich. Filed Nov. 8, 1922. Serial No. 599,655. 5 Claims. (Cl. 121-157.)



1. The combination with a main cylinder, of a piston mounted in said cylinder, a port at each end of the cylinder, a pair of independent valve chambers connected respectively with said ports, passages establishing communication between the opposite ends of the main cylinder and the respective valve chambers, and pilot valves controlling said passages and normally projecting into the cylinder.

1,643,159. CHILD'S OVERCOAT. SAMUEL GREENBERG, New York, N. Y. Filed Feb. 5, 1927. Serial No. 166,194. 1 Claim. (Cl. 2-85.)

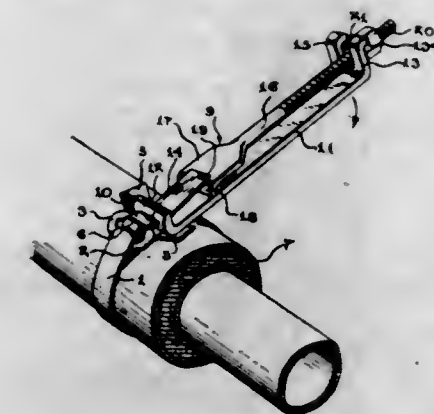


A child's overcoat including a body and a lining, each formed with inwardly and upwardly turned concealed hems arranged in the space between the body and lining having their upper edges secured together, said hems being unconnected to the body or lining save through readily manually removable tacks passed through the connected upper edges of the hems and through the lining and body, the side edge of the body including an inwardly turned flap connected to the edge of the lining and at its lower edge being turned upwardly and inwardly with the lining and tacked.

1,643,160. HOSE-CLAMP APPLIER. FRED WILLIS GUNN, Boston, Mass. Filed Oct. 12, 1925. Serial No. 62,170. 1 Claim. (Cl. 81-9.3.)

A tool for applying a hose clamp, said tool comprising an elongated body having upturned end portions, one of said end portions having a transverse slot therein adjacent to the juncture of said end portion with the remainder of the body of the tool, the other of said end

portions having a vertical slot formed therein extending from the upper end of said upturned end portion nearly to the juncture of the latter with the remainder of the body of the tool, and a clamp tightening member comprising a rod-like shank portion provided with screw threads and extending through the slot of the vertically slotted upturned end portion of the body, the opposite end portion of said shank being enlarged laterally to provide a head, said head of the clamp tightening member having a downturned edge portion resting slidably on the body of the tool, said head of the clamp tightening member having a transverse slot therein adjacent to the



junction of the downturned part thereof with the remainder of the head portion of the body, and means adjustably engageable with the threaded shank of the clamp tightening member and in contact with the outer face of the vertically slotted upturned end portion of the body for adjusting the clamp tightening member longitudinally of the body in one direction, the upper edge portion of the vertically slotted upturned end portion of the body of the tool being turned outward to produce a stop for engagement with the adjustable means on the threaded shank of the clamp tightening member to prevent its displacement from the slot of the vertically slotted upturned end portion of the body.

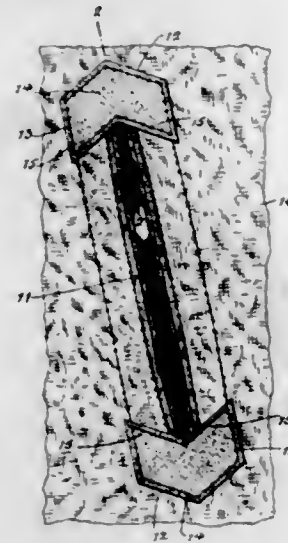
1,643,161. INDEX AND SYSTEM OF INDEXING. EDWARD A. HEMPHILL, Jersey City, N. J. Filed June 9, 1922. Serial No. 567,060. 9 Claims. (Cl. 129-16.5.)



2. An index system comprising a plurality of index cards or sheets arranged in classes and sub-classes, said cards having notches of one depth positioned to indicate

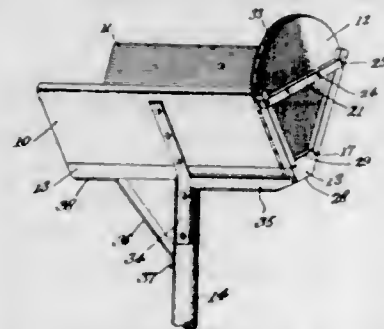
particular classes, and notches of another depth positioned to indicate particular sub-classes, and index marks on each card cooperating with the notches.

1,643,162. REINFORCED POCKET. HAYMAN KIRSCHENBAUM, New York, N. Y. Filed Sept. 24, 1926. Serial No. 137,527. 2 Claims. (Cl. 2-248.)



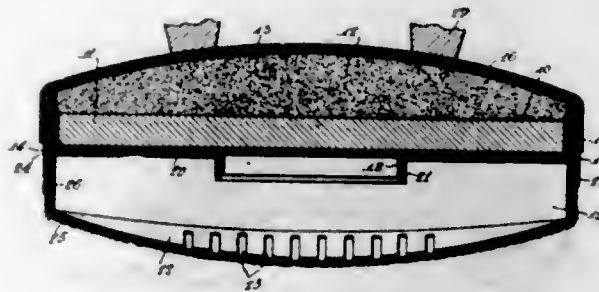
1. A garment pocket reinforced at the corners of the hand opening of the pocket, by flexible reinforcements respectively secured to outside garment portions of the pocket, and each of the reinforcements extended beyond its related corner and adjacent opposite sides of the hand opening inwardly from the corner.

1,643,163. HOD. VINCENZO LALLI, St. Albans, N. Y. Filed Dec. 13, 1926. Serial No. 154,513. 2 Claims. (Cl. 72-134.)



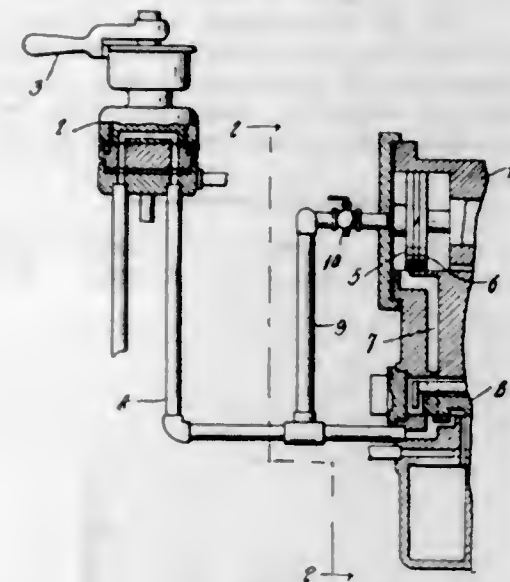
1. A hod comprising a joining rail having an upper flat portion serving as a base for the hod, narrow shoulder portions at the sides of said flat portion, longitudinal grooves outwardly beyond said narrow portions, and wider shoulder portions outwardly beyond said grooves, side pieces assembled upon said rail and having longitudinal tongues for fitting into said grooves, and narrow and wide shoulders at the inner and outer sides respectively of said tongues for engaging against the respective shoulders on said rail, said wider shoulder portions forming thick walls for the outer portions of the longitudinal grooves and acting to receive and support the outside portions of the tongue, an end piece fitted between said side pieces, and means for binding the parts together.

1,643,164. NAIL BUFFER. HAROLD MACDOUGALL, Maplewood, N. J. Filed Nov. 11, 1926. Serial No. 147,775. 5 Claims. (Cl. 132-78.)



1. A magazine buffer and applicator including a buffer section, a magazine applicator section and a covering element having a handle adapted to selectively cover one of the sections when the other is being used.

1,643,165. FLUID-PRESSURE BRAKE. ROGER SHERMAN MCINTOSH, Hazard, Ky. Filed Sept. 22, 1926. Serial No. 137,047. 6 Claims. (Cl. 303-41.)



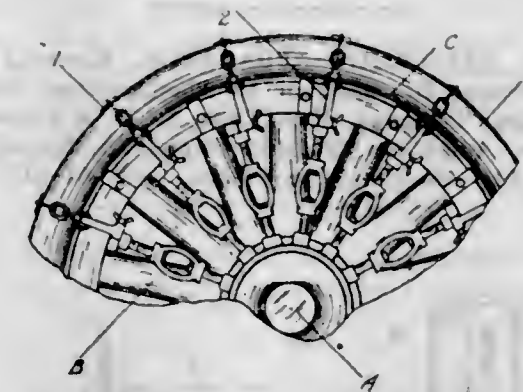
2. In a fluid pressure brake, the combination with a distributing valve having an application cylinder and passage communicating with the cylinder, and a release pipe communicating with said passage, and means establishing communication between said pipe and cylinder independently of said passage, and a cut off valve in the passage established by said means.

1,643,166. CARPENTER'S TAPE. TORIAS W. MARTIN, Charlotte, N. C. Filed Aug. 20, 1926. Serial No. 130,471. 4 Claims. (Cl. 33-137.)



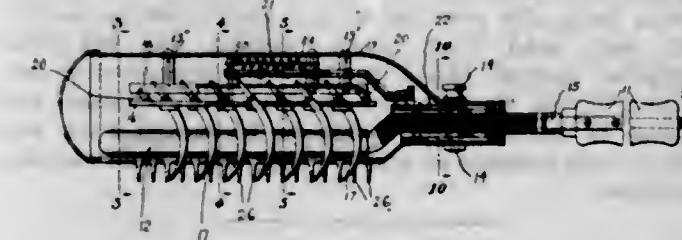
1. A carpenter's tape having conventional foot and inch markings thereon on one side thereof, the foot markings representing the horizontal run of roof structures, and the inch markings representing rise of roof per foot of run, and data appearing on the face of the tape opposite each inch marking giving the length of the various parts of a roof structure.

1,643,167. ANTISKID DEVICE. WILLIAM J. J. MILEY, Providence, R. I. Filed Feb. 10, 1927. Serial No. 167,276. 3 Claims. (Cl. 152-14.)



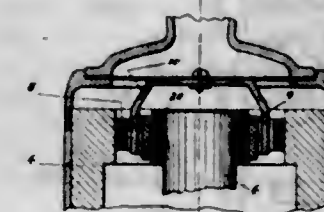
2. An anti-skid device for automobile wheels or the like comprising in combination, spaced plate members transversely disposed along the inner face of the wheel felly, means on each side of said plate members adapted for holding anti-skid means, and radially extensible means for pressing said plate members against the wheel felly, said radially extensible means comprising a series of rods secured to said plate members, a centrally disposed collar member, a second series of rods attached to the exterior surface of said collar member, said second series of rods being radially complementary to the first mentioned series, and turnbuckle means applied to the opposing threaded ends of complementary rods.

1,643,168. ELECTRICAL HAIR WAYER. WILLIAM M. NEVOTTI, Omaha, Nebr. Filed Oct. 22, 1926. Serial No. 143,381. 8 Claims. (Cl. 132-32.)



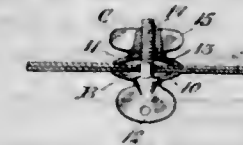
1. A hair wayer comprising, in combination with a pair of electrically heated pressure-bars movable toward each other for engaging the hair therebetween, of a plurality of curved prongs disposed in a plane between and movable coincidently with said bars for engaging the hair.

1,643,169. TELEPHONE RECEIVER. ALEXANDER NYMAN, East Orange, N. J., assignor to Dubilier Condenser Corporation, New York, N. Y., a Corporation of Delaware. Filed Dec. 7, 1923. Serial No. 679,147. 7 Claims. (Cl. 179-119.)



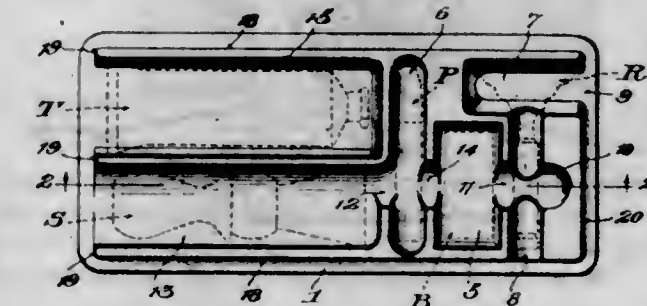
1. In a telephone receiver, a magnet comprising opposite poles, a transformer coil cooperating with said poles, and a laminated pole piece associated with at least one of said poles and surrounding said coil, said pole piece having its laminations substantially parallel to the portions of the lines of force of the flux due to the action of said coil which pass through said pole piece.

1,643,170. BUTTONHOLE SHIELD. RICHARD JOSEPH O'BRIEN and PATRICK J. O'BRIEN, Bay Bulls, Newfoundland. Filed Apr. 5, 1926. Serial No. 99,889. 2 Claims. (Cl. 68-11.)



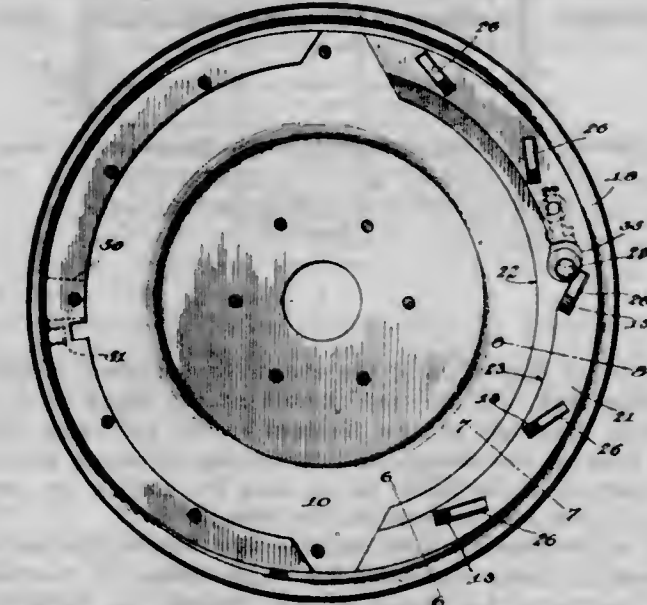
1. A shield for excluding starch water from that portion of a garment adjacent the buttonhole when immersed in the starch water, comprising a pair of mating sections having concave confronting faces and inter-engaging means adapted to extend through the buttonhole for clamping said sections together to embed the edges of the concave faces in the material.

1,643,171. SHAVING COMPACT. WILBUR L. ORME, Cambridge, Ohio. Filed Feb. 15, 1927. Serial No. 168,340. 6 Claims. (Cl. 132-80.)



1. In a shaving compact, a base formed with longitudinal depressions to receive a tube of cream, and a brush, said depressions opening at their outer ends through an end of the base, an inner, an outer and a central transverse depression in the opposite end of the base to receive a styptic pencil, a package of blades and a safety razor respectively, a pair of longitudinal channels in the base intersecting each of the transverse channels whereby to form a pair of finger receiving pockets on each side of each of the transverse depressions, the inner ends of the pair of transverse channels being common to the central transverse depression, said base further having a channel leading from the inner transverse channel into one of the longitudinal depressions, and a cover for the base having a knob formed with an axial ventilating opening extending through the knob and cover.

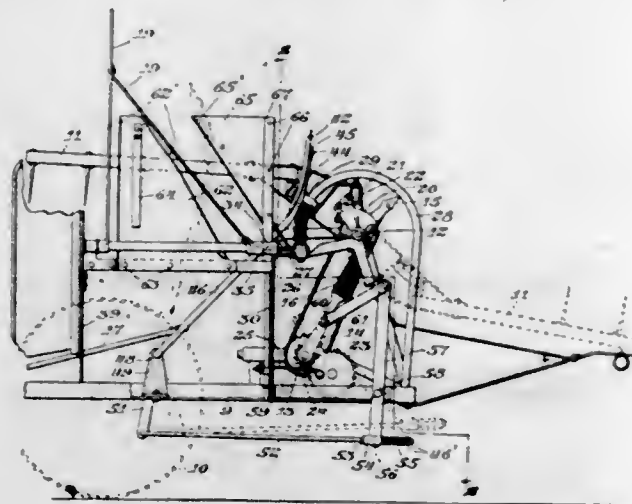
1,643,172. DISK WHEEL. RALPH H. PIERCE and GEORGE A. ANDERSON, Eugene, Oreg. Filed Aug. 3, 1926. Serial No. 126,874. 9 Claims. (Cl. 301-27.)



9. In a disk wheel, the combination with a wheel felly having a groove for a portion of the periphery thereof, a

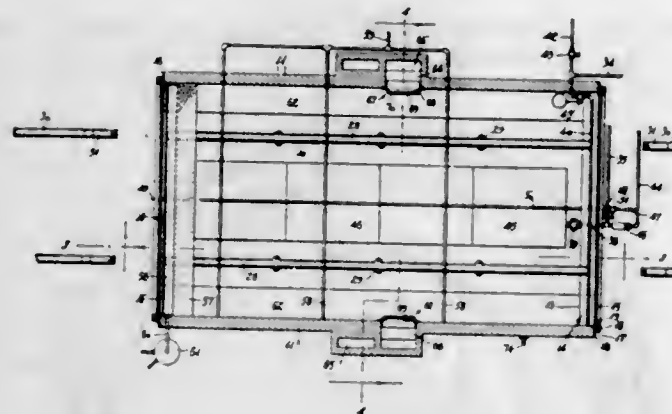
rim provided with a bead adapted to seat within the groove, locking means provided with a groove distorted relative to the plane curve passing transversely of the bead on the rim, and means for moving the locking means into engagement with the rim so that the distorted groove in the locking means will be forced to receive the bead on the rim and positively lock the rim to the wheel.

1,643,173. GRAIN SHOCKER. CLEMM R. RANEY, Chicago, Ill., assignor to International Harvester Company, a Corporation of New Jersey. Filed Nov. 29, 1920. Serial No. 427,006. 45 Claims. (Cl. 56—401.)



4. In a shocking machine, a receptacle, a sheaf delivery member for delivering sheaves to said receptacle, and means controlled by said sheaf delivery member for shifting the sheaves in said receptacle.

1,643,174. COMBINATION TREATING TANK AND DRY KILN. GEORGE E. RICE and CLARENCE L. SIMMONS, Brooklyn, N. Y., assignors, by direct and mesne assignments, to Conservation Corporation of America, a Corporation of Delaware. Filed July 21, 1925. Serial No. 45,105. 7 Claims. (Cl. 99—12.)

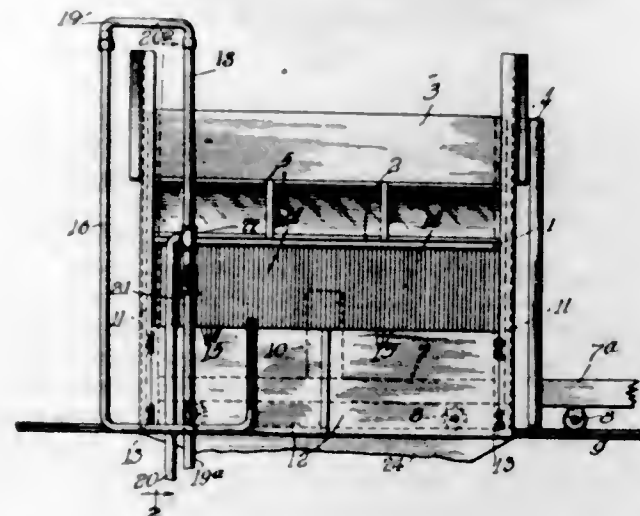


6. In an apparatus of the character described, a liquid holding tank, a scum trap therein at the liquid level including a trough and an inclined screen extending from one edge of the trough, and means for directing fluid to the surface of the liquid in the tank for moving the scum to and over said screen into the trough.

7. A combination treating and dry kiln apparatus including a closed liquid holding tank, means in the tank for heating either liquid or air therein, air inlet and outlet means for the tank arranged for the automatic flow of air through the tank when using the tank as a

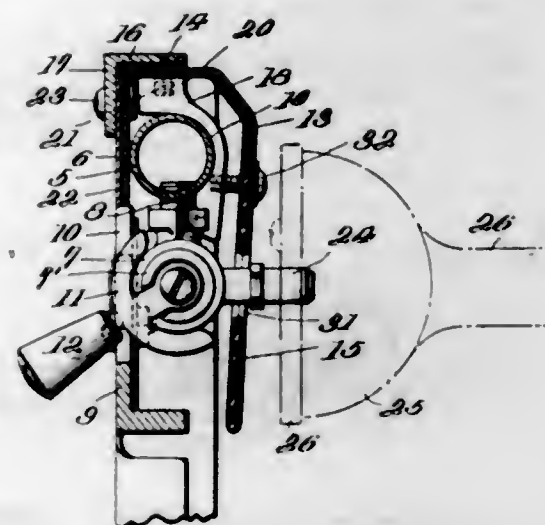
dry kiln, means for discharging steam into the tank to humidify the air therein, and means for supplying liquid into and withdrawing it from the tank for impregnating the material in the tank.

1,643,175. SAND-BLAST APPARATUS. ELMER A. RICH, Jr., Chicago, Ill., assignor to The American Foundry Equipment Company, New York, N. Y., a Corporation of Ohio. Filed Jan. 20, 1919. Serial No. 271,965. Renewed July 28, 1924. 18 Claims. (Cl. 51—13.)



18. A sand blast apparatus comprising a housing forming a treatment chamber, one side of said housing being provided with an elongated opening extending substantially from end to end of the housing to permit the insertion and horizontal movement of a sand blast nozzle, said housing being also provided with a window device located above said sand blast nozzle opening and extending lengthwise thereof, and a flexible hose connected at one end and having its free end provided with a nozzle and adapted to permit said nozzle to be moved back and forth in said opening as may be desired for sand blasting operations.

1,643,176. DETACHABLE PLATE FOR CONCEALED MANIFOLDS OF GAS RANGES. JOSEPH ROY, Cleveland, Ohio, assignor to American Stove Company, St. Louis, Mo., a Corporation of New Jersey. Filed May 10, 1927. Serial No. 190,201. 10 Claims. (Cl. 126—39.)



1. In a gas range having a horizontal burner housing, a horizontal manifold located within the housing, valve housing and valves communicating with the manifold and

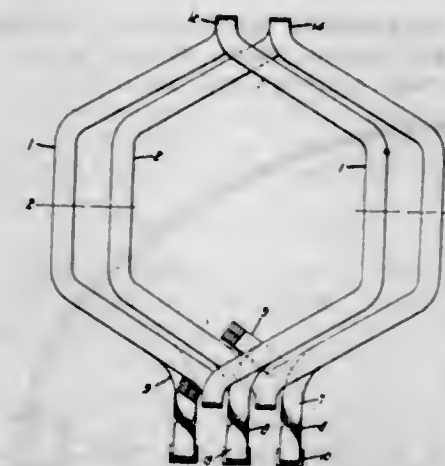
also located within the housing, valve handles projecting to the outer side of the housing, the said housing having its outer wall comprising an open horizontal frame work having its upper wall above the housings and the valves, and a detachable plate fitting in the said frame wall, said detachable plate having openings for said handles, and means detachably connecting the said plate with the frame wall, whereby the plate may be removed and the valve housings and valves disconnected from the manifold, thereby avoiding the usual necessity of disconnecting the said manifold.

1,643,177. RAILWAY-RAIL BRACE. CHARLES L. RUSE, Warsaw, Ind., assignor of one-half to George J. Steinmetz, Peru, Ind. Filed Feb. 1, 1927. Serial No. 165,124. 2 Claims. (Cl. 238—51.)



1. A railway rail brace consisting of a pair of oppositely disposed brace members, each comprising a flat bar twisted in its middle portion so that one of its end portions extends edgewise in a vertical plane while its opposite end extends edgewise horizontally, one end of each member having a hook engageable with the outer flange of one of the rails of a railway track, its opposite end having a foot formed thereon; a spacing member positioned between the feet of said brace members; a bolt extending through said feet and brace members to establish and maintain said members a fixed distance apart; and a dog on each brace member in clamped engagement with the inner flange of the corresponding rail.

1,643,178. WINDING FOR ALTERNATING-CURRENT APPARATUS. MARION A. SAVAGE, Scotia, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Dec. 29, 1925. Serial No. 78,209. 6 Claims. (Cl. 171—206.)

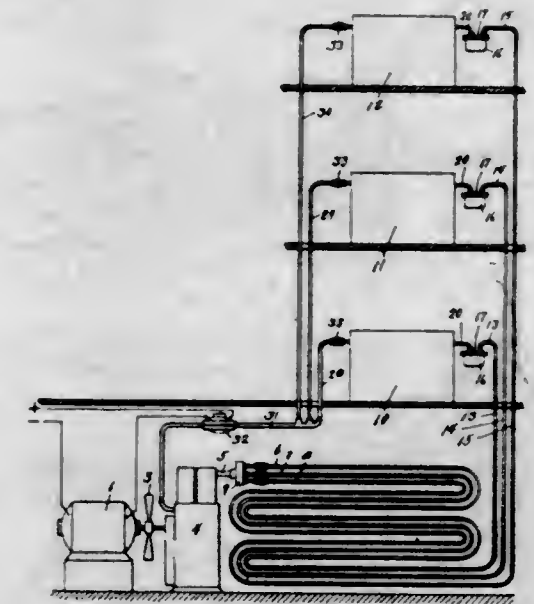


1. A winding for alternating current apparatus comprising slot embedded portions and other portions connecting said portions, said windings being formed of a conductor having a plurality of insulated strands and having means for reducing eddy current losses therein comprising twists of substantially 180 degrees in the conductor arranged in said connecting portions.

1,643,179. REFRIGERATING SYSTEM. ALBERT F. SAWYER, Haverhill, Mass., assignor to Irving L. Kelth, Haverhill, Mass. Filed July 28, 1925. Serial No. 46,582. 6 Claims. (Cl. 62—4.)

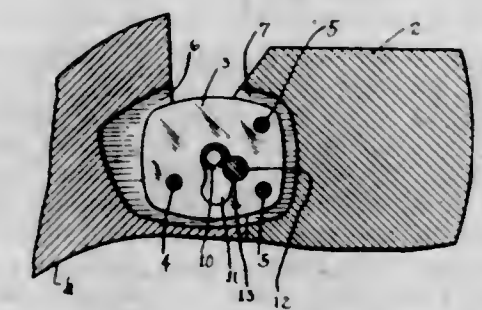
1. A refrigerating system comprising a plurality of refrigerating expansion chambers adapted to contain a refrigerant, a corresponding plurality of surface con-

densers, a separate connection between the discharge end of each condenser and its corresponding expansion chamber, a compressor having its discharge in open communication with the inlet end of each condenser and



return connections placing said expansion chambers in open communication with each other and with the inlet to the compressor, forming a closed fluid circuit through each condenser and corresponding chamber.

1,643,180. LAST. JOHN C. SCHELTER, Rochester, N. Y. Filed Oct. 23, 1924. Serial No. 745,504. 9 Claims. (Cl. 12—136.)



1. A last comprising a fore part, a heel part, bonding means connecting said parts to permit relative movement for the expansion and the collapsing of the last, a resilient device carried by one of said parts, and a roller carried by the other part and cooperating with said resilient device.

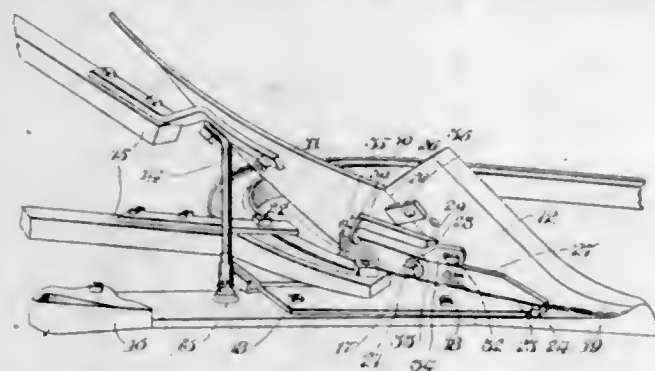
1,643,181. UNBURNED REFRACTORY BRICK. GEORGE K. SCHLOTTERER, Chester, and ROBERT H. YOUNGMAN, Pittsburgh, Pa., assignors to Harbison-Walker Refractories Company, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed May 15, 1926. Serial No. 109,430. 16 Claims. (Cl. 25—156.)

1. In the making of unburned refractory brick comprising a binder of sodium silicate, the process of initially storing the raw brick for a material period in an atmosphere of high humidity.

1,643,182. PLOW. JOHN F. SHEAHAN, Canton, Ill., assignor to International Harvester Company, a Corporation of New Jersey. Filed Feb. 19, 1927. Serial No. 169,428. 5 Claims. (Cl. 97—124.)

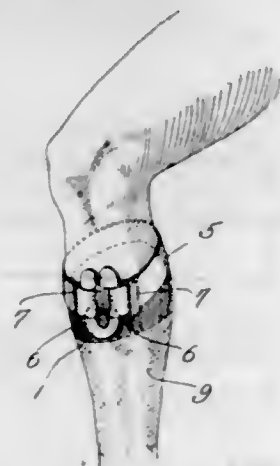
1. The combination with a plow body comprising a moldboard, landside, a sheet metal frog permanently con-

meeting said parts and a detachable share interfitting with the moldboard, landside and frog; of means for locking the share in position comprising a stud on the share, an



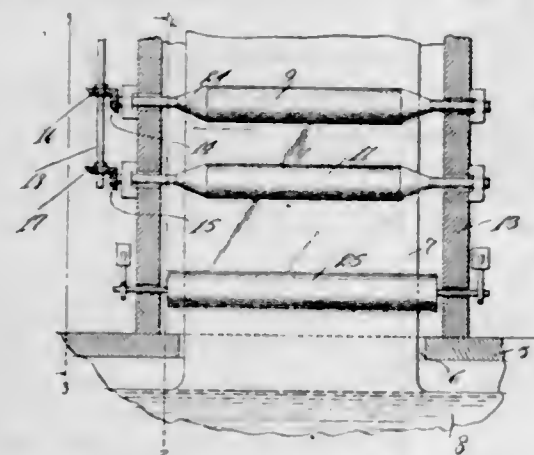
upright ear struck up from the metal of the frog at the moldboard edge thereof, and a locking element connecting said stud and ear.

1,643,183. GARTER. WILLIAM ROLAND SMITH, Hillsboro, Tex. Filed May 11, 1926. Serial No. 108,331. 1 Claim. (Cl. 241-6.)



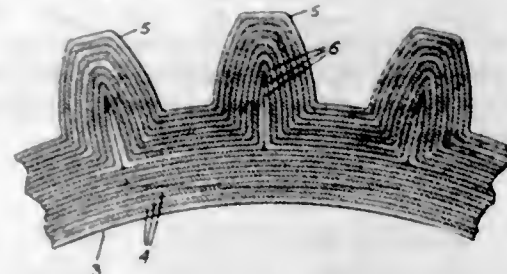
In a device of the class described, a U-shaped plate including arms provided at their upper ends with inwardly extended flanges, and a band having loops detachably engaged with the arms and held on the arms by the flanges, the inner edges of the flanges being spaced apart by a slit which is so narrow that the loops can be passed through the slit one at a time only, and means for connecting the plate to a stocking; the plate being convexed transversely from side to side to conform to the surface of the leg of the wearer.

1,643,184. GLASS-DRAWING APPARATUS. ARTHUR E. SPINASSE, Mount Vernon, Ohio. Filed Sept. 9, 1926. Serial No. 134,444. 6 Claims. (Cl. 49-17.)



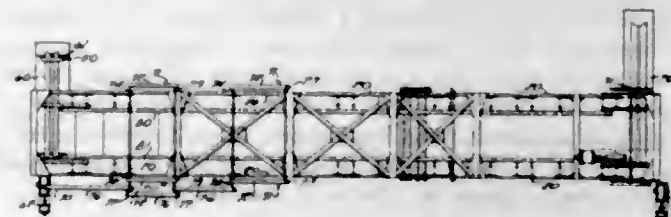
1. In glass drawing apparatus, drawing means for drawing and preserving the alignment of the sheet, and auxiliary rolls in addition to the drawing means yieldably pressed against opposite sides of the sheet and positioned to divert falling particles of the glass sheet.

1,643,185. NONMETALLIC TOOTHED ELEMENT. RICHARD SPRENGER, Hennigsdorf, Germany, assignor to General Electric Company, a Corporation of New York. Filed Feb. 4, 1926, Serial No. 85,961, and in Germany Feb. 19, 1925. 4 Claims. (Cl. 74-28.)



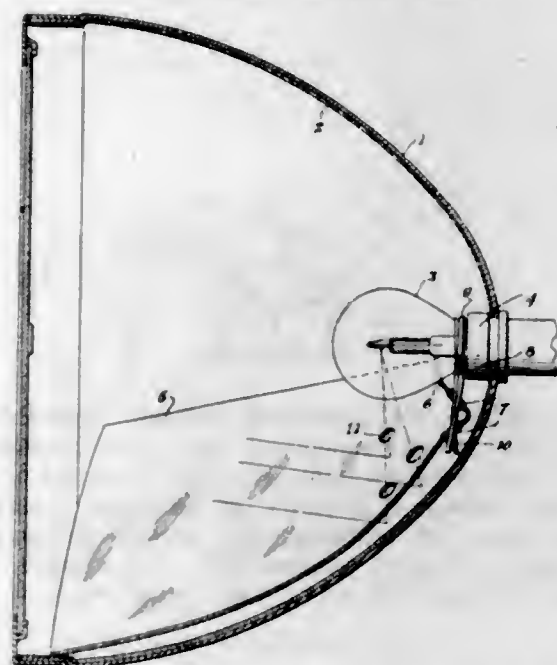
3. A toothed structure comprising a body portion and teeth projecting therefrom, characterized by the fact that the body portion and teeth comprise successive superimposed cylindrical layers of non-metallic material united by an adhesive binder.

1,643,186. MACHINE FOR PICKLING COILS OF WIRE OR RODS. HORACE A. STAPLES, Plainfield, and HAROLD K. BEACH, Roselle, N. J., assignors to American Copper Products Corporation, New York, N. Y., a Corporation of Delaware. Filed July 22, 1925. Serial No. 45,289. 10 Claims. (Cl. 266-7.)



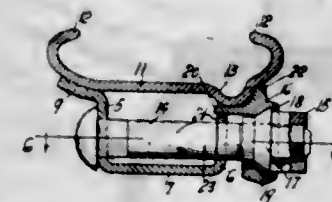
1. A pickling apparatus comprising spaced apart upwardly opening fluid tanks, an endless conveyor supported and operated above the tanks and provided with a plurality of swinging horizontal transverse members each suspended from the conveyor by one end and adapted to support vertically a plurality of coils of wire.

1,643,187. DEFLECTOR AND LIGHT FILTER. WILLIAM G. STEIN, Canton, Ohio. Filed July 18, 1925. Serial No. 44,558. 1 Claim. (Cl. 240-482.)



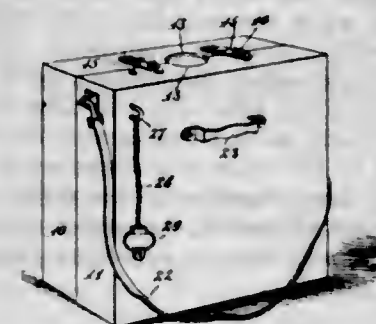
In combination with a headlight having a bowl shaped reflector and a centrally located lamp bulb therein, a segmental sheet of translucent material covering the lower portion of the reflector and provided with a pair of spaced apertures, and a spring clip having an eye portion surrounding the neck of the lamp bulb and a pair of fingers arranged to be inserted in said apertures.

1,643,188. WHEEL AND DEMOUNTABLE RIM. JOSEPH G. SWAIN, Akron, Ohio, assignor to The Firestone Steel Products Company, Akron, Ohio, a Corporation of Ohio. Original application filed Sept. 22, 1921, Serial No. 502,328. Divided and this application filed Dec. 23, 1926. Serial No. 156,533. 2 Claims. (Cl. 301-24.)



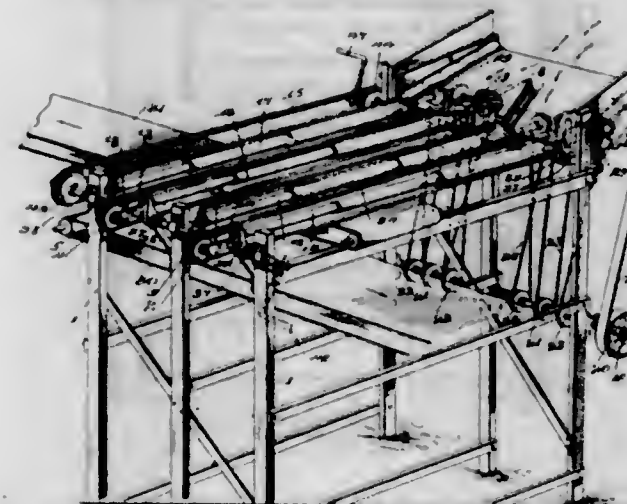
1. In combination, a wheel structure having a fixed rim, and a tire rim removably mounted thereon, said wheel rim having parallel flanges of different heights, one side of said tire rim seated on the higher of said flanges, a continuous gutter rolled in the tire rim, said gutter seated on the lower flange, a plurality of separable clamps bearing against the side of said tire rim, a shoulder on each said clamp bearing against the rim and a tongue of said clamp received in a recess in the upper edge of a flange on the wheel rim whereby the clamp is guided in a straight line.

1,643,189. PORTABLE THEFTPROOF BOX. NATHAN UNOVSKY, New York, N. Y. Filed May 5, 1926. Serial No. 106,923. 4 Claims. (Cl. 190-61.)



1. A portable theft-proof box including a pair of hinged sections having aligned recesses in their free edges co-operatively defining an opening when the box is closed which is adapted to encircle the wrist of one carrying the box and prevent the retraction of the hand therefrom, and a handle on the interior of the box adapted to be manually grasped.

1,643,190. FRUIT SIZER. JAMES B. VON CANON, West End, N. C. Filed July 13, 1926. Serial No. 122,228. 7 Claims. (Cl. 209-103.)

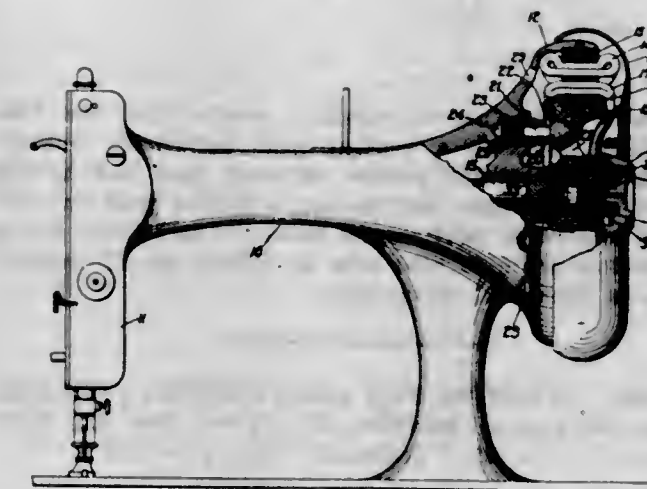


1. A device of the character described comprising a continuously driven spring belt, a continuously driven roller situated beside the belt, bearings upon which the

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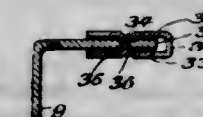
roller is journaled at the ends; in combination, a boss formed upon each of the bearings, each boss having an internally threaded bore, a threaded bushing situated in each of the threaded bores, and means for simultaneously turning both bushings to shift the bearings in one direction and bodily shifting the entire roller in respect to the belt to vary the spacing between the belt and roller.

1,643,191. SEWING-MACHINE MOTOR. ALFRED F. WELCH, Fort Wayne, Ind., assignor to General Electric Company, a Corporation of New York. Filed Mar. 18, 1924. Serial No. 700,158. 5 Claims. (Cl. 112-220.)



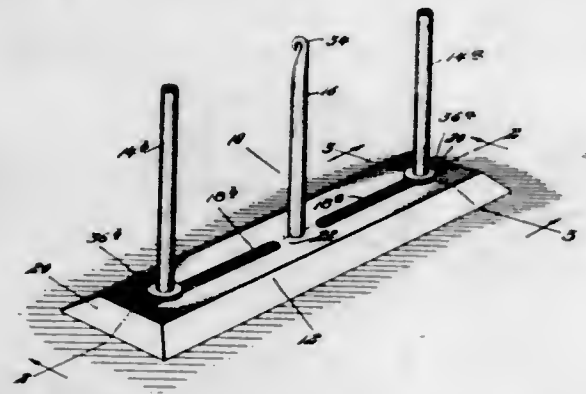
1. In a sewing machine, the combination of an arm having a needle bar at one end and flared at its other end to form the frame of an electric motor, a field structure for said motor supported within said flared end, a shaft for driving said machine extending into said arm, an armature member mounted upon said shaft and rotating within said field structure, and a shield member secured to and rotatable with said armature member extending over and about said field structure and adapted to be used as a hand operated means.

1,643,192. RADIATOR SHUTTER. HENRY M. YEAGER, Buffalo, N. Y., assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y., a Corporation of New York. Filed Oct. 14, 1925. Serial No. 62,427. 1 Claim. (Cl. 189-62.)



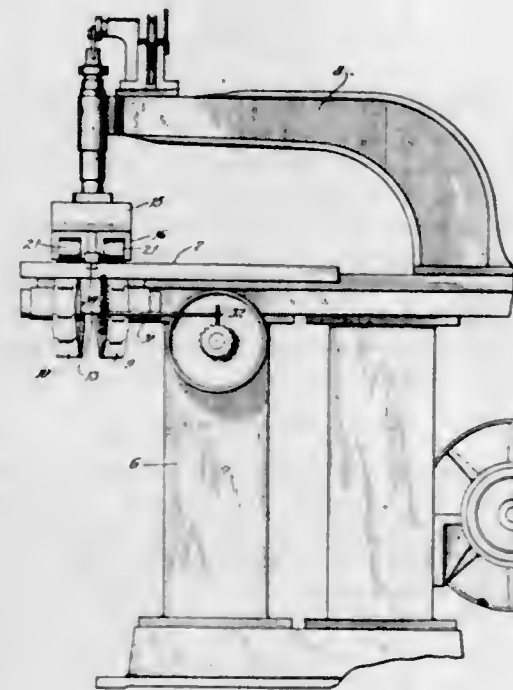
A radiator shutter comprising a sheet metal frame provided with bearing flanges, a plurality of slats arranged in a row across the space within said frame and having pintles journaled in said flanges and each slat being provided with an integral arm and each arm being flat on one side and provided with a recess on its opposite side, and a shifting bar of channel form having its walls arranged on opposite sides of said arms and one of said walls being provided with a plurality of pivot teeth each of which engages with the recess in one of said arms and the other wall of said bar being provided with a plurality of teeth each of which engages with the opposite flat side of one of said arms.

1,643,193. PAPER-BINDING TOOL. HELEN B. BARNBROOK, Providence, R. I. Filed Apr. 1, 1926. Serial No. 99,157. 3 Claims. (Cl. 129-22.)



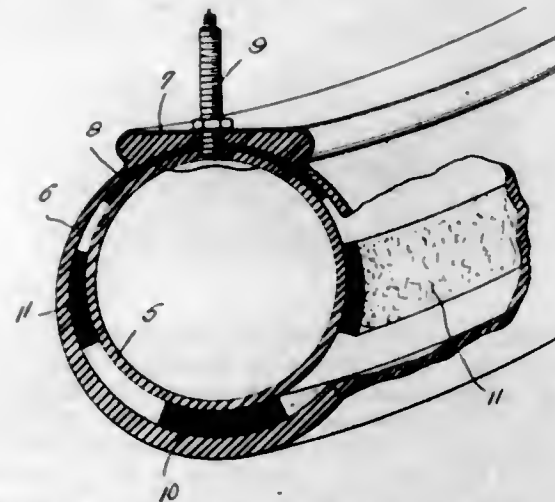
3. A tool for use in binding papers and the like, comprising a base, a central post detachably engageable with the center portion of said base and having a hook on the upper end thereof, a hollow post on each side of said center portion and means to detachably clamp said hollow posts to said base at points spaced variable distances from said center post.

1,643,194. MACHINE FOR EDGE-UNITING VENEERS. JOHN E. BLACK, Mendota, Ill. Filed Nov. 23, 1925. Serial No. 70,977. 6 Claims. (Cl. 144-279.)



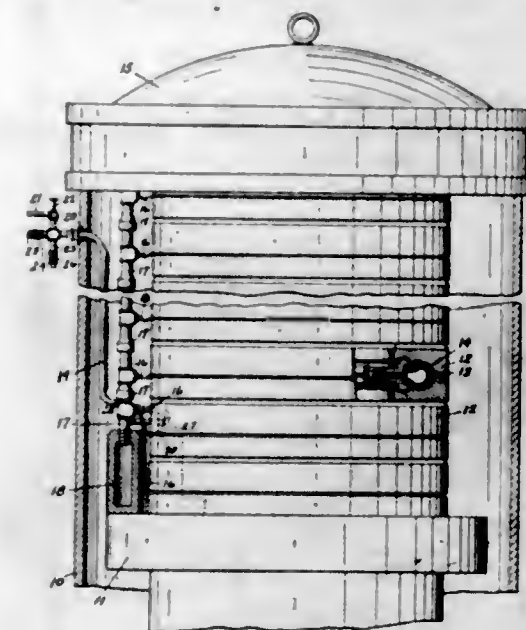
1. In a machine of the class described, the combination of a work table, a pair of horizontally traveling conveyors located close to each other in the top surface of the same, and mounted for travel in directions converging slightly towards each other and adapted to carry the adjacent portions of a pair of veneer strips into direct edge contact with each other, spring pressed rollers above the positions of said conveyors for firmly clamping the veneer strips thereagainst, a wheel mounted for rotation about a horizontal transverse axis at a position between the more separated ends of the conveyors, said disk tapering in thickness, a glue pot beneath the disk and serving to deliver glue onto the faces thereof, a presser foot above the table at a position intermediate between the conveyors and adapted to firmly contact the top surfaces of the veneer strips undergoing treatment, and means for heating said presser foot for the purpose specified, substantially as described.

1,643,195. DOUBLE-TREAD PNEUMATIC TIRE. JOSEPH E. BOVE, Kearny, N. J. Filed Mar. 3, 1926. Serial No. 91,972. 1 Claim. (Cl. 152-10.)



A pneumatic tire of the class described comprising an inner tube of relatively great thickness, an outer shoe arranged eccentrically around the tire for providing a space therebetween at the sides and tread portions thereof, said outer shoe being closed and formed at its inner side with a cylindrical rim engaging surface, said cylindrical surface being beaded at its opposite edges to facilitate the attachment of the tire upon a conventional wheel rim, circumferentially extending strips of rubber arranged between the inner tube and the shoe at the tread and side walls thereof, for maintaining the same in spaced relation, and an additional relatively wide strip of rubber extending circumferentially between the rim side of the outer shoe and the adjacent portion of the inner tube, said strip being formed of porous rubber and vulcanized to the outer and inner walls of the inner tube and outer shoe respectively, the strips gradually increasing in thickness toward the center of the tread portion of the tire, and further providing circumferentially extending air pockets.

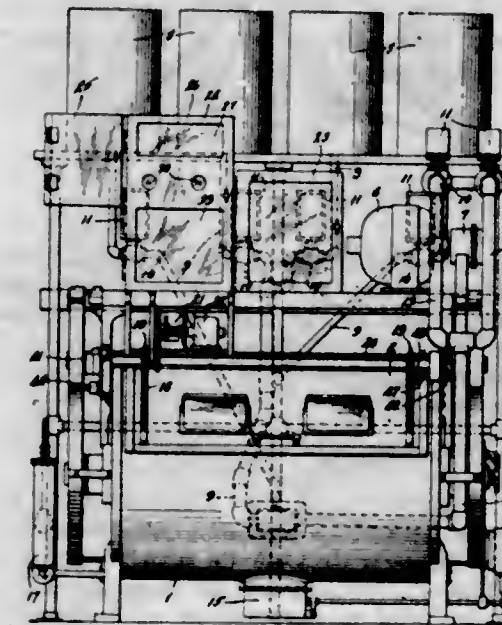
1,643,196. VULCANIZER. ROY W. BROWN, Akron, Ohio, assignor to The Firestone Tire and Rubber Company, Akron, Ohio, a Corporation of Ohio. Filed Oct. 7, 1925. Serial No. 60,951. 4 Claims. (Cl. 18-17.)



1. Apparatus for curing hollow rubber articles, comprising means for conducting steam into the interior of the article, a vessel adapted to receive condensate from the said means draining therefrom by gravity while the article is curing, and means for blowing off steam

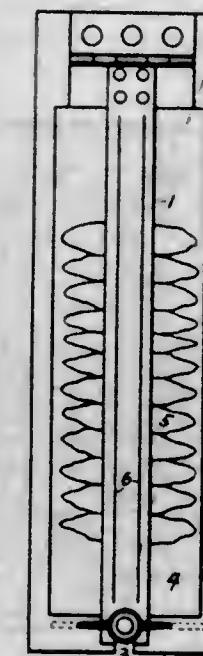
from the interior of the article, said vessel being so disposed in the blow-off line that the steam will force the condensate from said receptacle when the steam is blown off after the curing operation.

1,643,197. CONTROL MEANS FOR ELECTRICALLY-DRIVEN MACHINES. EMIL J. CARROLL, Norwood, Ohio, assignor to The American Laundry Machinery Company, Norwood, Ohio, a Corporation of Ohio. Original application filed Jan. 12, 1922, Serial No. 528,696. Divided and this application filed Apr. 26, 1926. Serial No. 104,728. 19 Claims. (Cl. 192-135.)



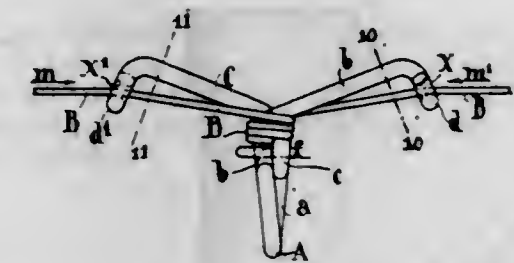
4. In a controller for a motor driven device adapted to effect periodic reversals of rotation thereof, means to direct stopping of the motor, and means subject to coincident predetermined conditions of direction of rotation and low speed of the device to effect stopping of the motor.

1,643,198. METHOD OF COTTON STAPLING. ELBERT E. CHANDLER, Los Angeles, Calif. Filed May 7, 1925. Serial No. 28,696. 3 Claims. (Cl. 73-51.)



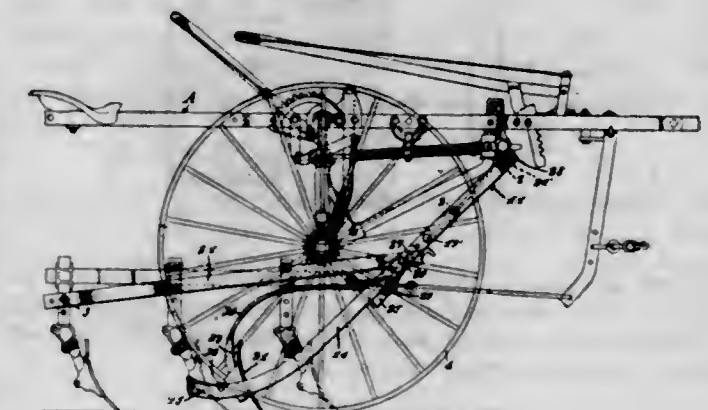
1. A method of stapling cotton or other fibers of various lengths, consisting of cutting a fixed length, from substantially all of the fibers at or near their middle portion and determining the ratio by weight of the ends to the middle.

1,643,199. WIRE-STRETCHING DEVICE. LOUIS EUGENE CLEMENCKT, Paris, France. Filed Nov. 6, 1925, Serial No. 67,301, and in France Nov. 15, 1924. 3 Claims. (Cl. 24-71.3.)



1. A stretching device for wires and the like, comprising a metal strip bent upon itself to form an open central loop whereby it may be rotated, and a pair of arms branching from such loop and wound over each other at their inner ends; said arms extending upwardly away from the loop at an angle to the horizontal and in such directions as virtually to occupy a common vertical plane to which the plane of the loop is perpendicular; both arms having hooks at their free outer ends for engagement at the same time with the wire.

1,643,200. CULTIVATOR ATTACHMENT. JOHN S. DAVIS, near Felton, Del. Filed Oct. 1, 1926. Serial No. 138,975. 4 Claims. (Cl. 97-138.)

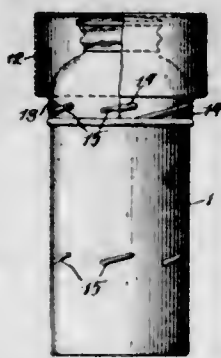


1. A cultivator attachment comprising a substantially yoke-shaped combined carrier and coupling element adapted to be secured with the cultivator in overlapping position with respect to a wheel of the latter and further to project forwardly and at an upward inclination with respect to the wheel, a rearwardly extending brace member having its forward end connected to said element, intermediate the ends of the latter, and adapted to have its rear end secured to a gang of the cultivator, a supporting member arranged within and connected to said element intermediate the ends of the latter, a combined guard and brace member secured to said element and supporting member and extending rearwardly from the latter at a downward inclination, ground working means positioned exteriorly of the cultivator wheel and secured to and extended rearwardly from said supporting member, and said carrier having the rear end thereof at its outer side upwardly and inwardly curved forming a guide opposing the outer side of said means.

1,643,201. DREDGER. GEORGE EDGAR DEAN, Scranton, Pa. Filed Aug. 28, 1924. Serial No. 734,778. 2 Claims. (Cl. 221-64.)

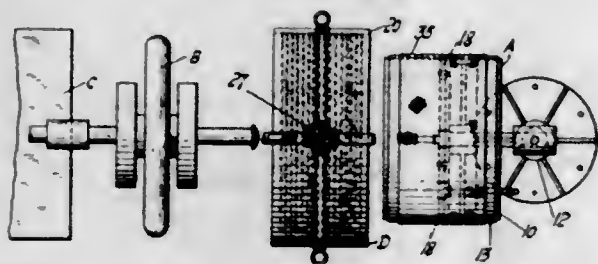
1. A dredger consisting of a container having a perforated discharge cap, a cover fitted over said discharge cap and means comprising elements provided on the cover and elements at each end of the container

to cooperate with said elements on the cover in providing for the quick attachment and removal of the cover with respect to either end of the container, the cover



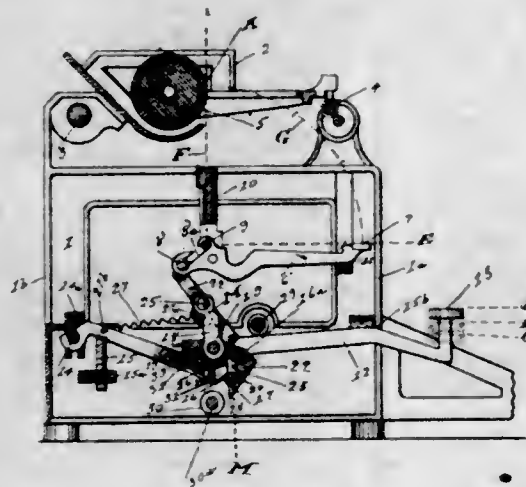
being thereby applicable to the top of the container when the dredger is not in use and to the bottom of the container when the dredge is in use.

1,643,202. APPARATUS FOR USE IN THE MANUFACTURE OF PNEUMATIC TIRES. HAROLD A. DENMIRE, Akron, Ohio, assignor to The General Tire and Rubber Company, Akron, Ohio, a Corporation of Ohio. Filed Jan. 25, 1926. Serial No. 83,505. 6 Claims. (Cl. 154-10.)



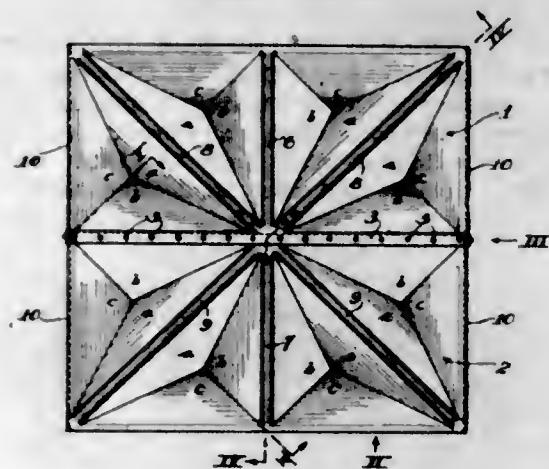
1 An apparatus for the manufacture of pneumatic tires comprising a drum, a fluid expansible bag about the drum, a transfer ring movable over the drum, and means to exert suction upon the inner face of the ring.

1,643,203. KEY ACTION AND KEY MECHANISM. ORVILLE U. DESHA, Fort Collins, Colo., assignor of one-fifth to The Desha Typelex Trust Estate, Fort Collins, Colo. Filed Nov. 5, 1923. Serial No. 672,871. 21 Claims. (Cl. 197-27.)



1. In a typewriting machine, a type bar, a key lever, actuating means at all times operatively connecting the type bar and key lever to move the type bar to the printing point upon depression of the key lever, means actuating said connection to return the type bar after the printing impact while the key lever is in depressed position.

1,643,204. METAL CAR END. ETHAN I. DODDS, Central Valley, N. Y., assignor to Henry F. Gilg, Pittsburgh, Pa. Filed Sept. 24, 1926. Serial No. 137,510. 5 Claims. (Cl. 105-410.)

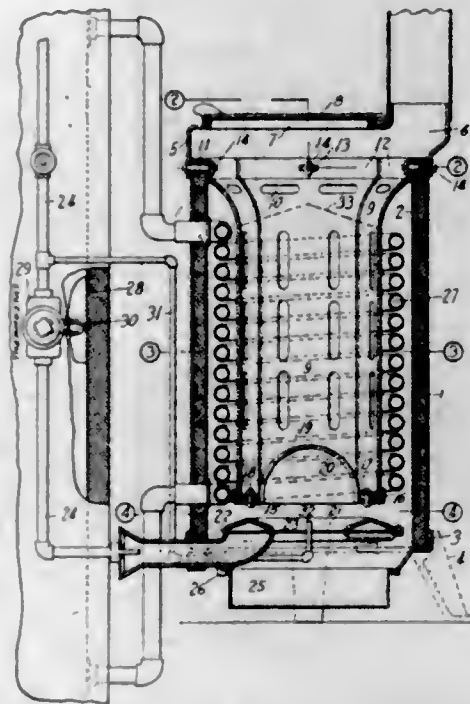


1. A car end formed of pressed metal plates comprising reinforcing ribs extending through the middle point and at right angles to the sides thereof additional reinforcing ribs constituting diagonals of the car end and raised pyramidal portions bounded by the diagonals and rectangular cross ribs.

1,643,205. PRODUCTION OF VULCANIZED RUBBER AND ACCELERATORS THEREFOR. HAROLD WALTER ELLEY and DONALD HOWARD POWERS, Wilmington, Del., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a Corporation of Delaware. Filed Mar. 5, 1925. Serial No. 13,359. 23 Claims. (Cl. 18-53.)

1. The process of treating rubber which comprises combining with the rubber a vulcanizing agent and a compound resulting from the combination of a nitroso-dialkyl-aryl-amine with an aliphatic amine, and vulcanizing the rubber mix.

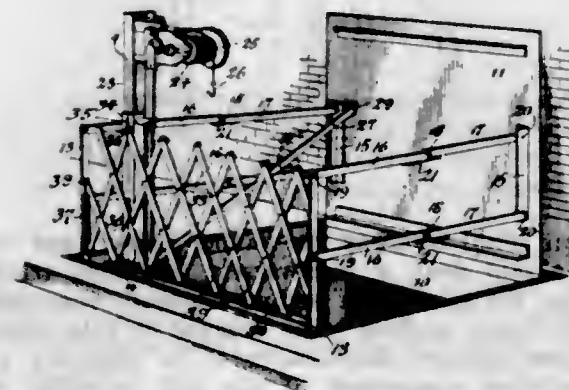
1,643,206. INCINERATOR FOR GARBAGE OR THE LIKE. WILLIAM C. EPSTEIN, Dayton, Ohio. Filed Oct. 26, 1925. Serial No. 64,812. 7 Claims. (Cl. 122-2.)



1. In an apparatus of the character described, a housing having an inlet at the upper end thereof and a closure for said inlet, a hopper supported within said

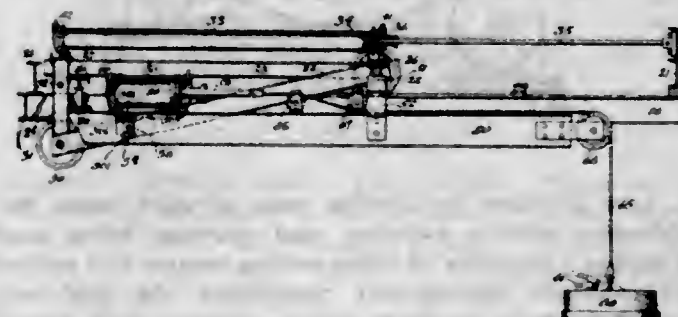
housing, spaced from the side walls thereof and having perforated side walls, said hopper having its open upper end arranged adjacent to said inlet and having its lower end near the lower end of said housing, a perforated closure for the lower end of said housing, having a dome-like portion extending upwardly into said hopper for a relatively short distance from the bottom thereof and spaced from the side walls thereof, said dome-like portion of said closure having its lateral portions perforated and the upper central part imperforated, a main burner supported beneath said hopper, and a pilot burner supported beneath the imperforate part of the upwardly extending portion of said closure.

1,643,207. PROTECTING DEVICE FOR AREAWAYS AND THE LIKE. CHARLES K. ERNST, Buffalo, N. Y. Filed Apr. 24, 1926. Serial No. 104,389. 7 Claims. (Cl. 187-62.)



5. A protecting device for areaways, comprising a door pivoted at one end to one side of said areaway so that it can be lowered into its closed horizontal position over said areaway and raised into a vertical open position, and a guard connected with said door and movable into its operative position along side of the areaway upon opening the door and into its inoperative position within the areaway upon closing the door, said guard comprising a normally upright post pivoted on the side of the areaway opposite the pivot of the door, two pairs of rail bars normally arranged horizontally one above the other, the members of each pair having their inner opposing ends pivotally connected with each other and their outer ends pivotally connected with the upper end of said post and the underside of said door, respectively; and a stop arranged on the inner end of one member of each pair and adapted to engage with the inner end of the companion member of the same pair in the unfolded position of the same.

1,643,208. APPARATUS FOR CHARGING CUPOLAS AND THE LIKE. WILLIAM A. GRIFFIN, Buffalo, N. Y. Filed Nov. 2, 1923. Serial No. 672,245. 2 Claims. (Cl. 212-17.)



1. An apparatus for charging cupolas, comprising a carriage, a boom pivoted on said carriage to swing horizontally, a hoisting tackle mounted on the boom, and means for swinging said boom horizontally comprising a screw nut mounted on said boom so as to be capable of

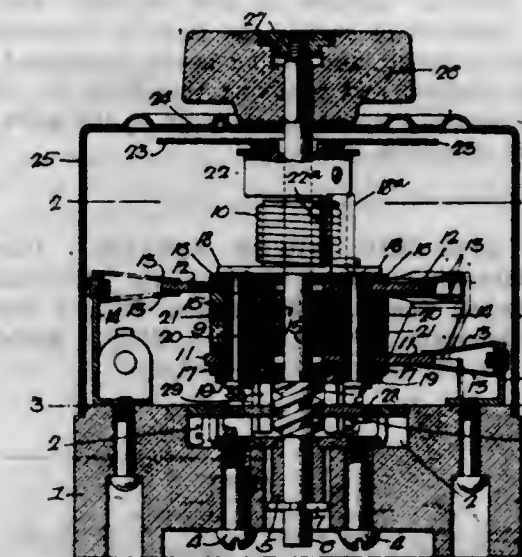
turning about a vertical axis and also moving lengthwise of said boom, an adjusting screw working in said screw nut, and bearings which are arranged on said carriage and in which said screw can turn but is incapable of moving lengthwise.

1,643,209. SUSPENSION OF TROLLEY WIRES. MORGAN J. GRIFFITH, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Feb. 16, 1924. Serial No. 693,152. 4 Claims. (Cl. 191-41.)



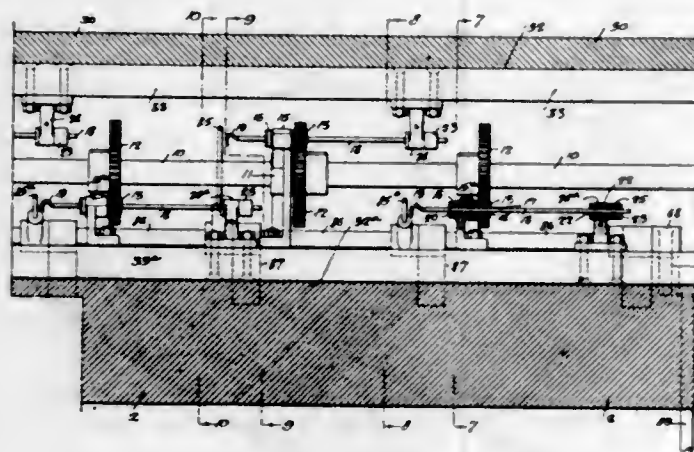
1. A system of trolley wire suspension comprising a catenary suspension cable, a massive feeder cable supported at intervals from said catenary wire, a trolley wire arranged beneath said cable, and a zigzag lacing conductor clamped to said feeder cable and to said trolley wire.

1,643,210. ELECTRIC SWITCH. MONROE GUETT, Hartford, Conn., assignor to The Hart & Hegeman Manufacturing Company, Hartford, Conn., a Corporation of Connecticut. Filed June 10, 1924. Serial No. 719,112. 8 Claims. (Cl. 200-65.)



1. The combination in an electric switch, of a base; a stop plate secured thereto; a spindle; switch plates carried thereby; contacts arranged to be engaged by the switch plates, said spindle having a screw thereon; and a catch plate arranged to engage the stop plate, said catch plate having a thread meshing with the thread of the screw so that, when the spindle is turned in one direction, the catch plate is raised above the stop plate, and, when the spindle is turned in the reverse direction, it is moved below the stop plate.

1,643,211. BULLION FRINGE LOOM. FREDERIC G. HULME, Philadelphia, Pa., assignor to Hensel Silk Manufacturing Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed May 14, 1925. Serial No. 30,175. 18 Claims. (Cl. 139—118.)



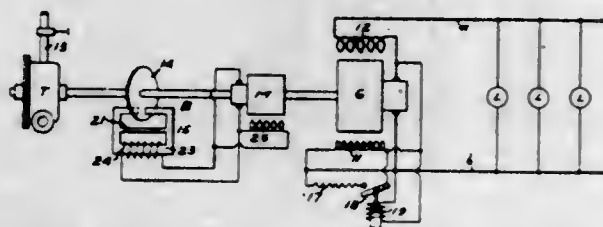
1. The combination in a bullion fringe loom of a lay; bullion hooks rotatably and reciprocally mounted on said lay; means, mounted on said lay, for rotating said hooks; means, mounted on said lay, for reciprocating said hooks with respect to said rotating means and said lay.

1,643,212. MEANS AND METHOD FOR PRODUCING FACSIMILE CARBON IMPRESSIONS. PHILIP INZINGA, Chicago, Ill., assignor of fifty-one per cent to E. M. Pittenger, Chicago, Ill. Filed Jan. 2, 1926. Serial No. 79,016. 2 Claims. (Cl. 101—426.)



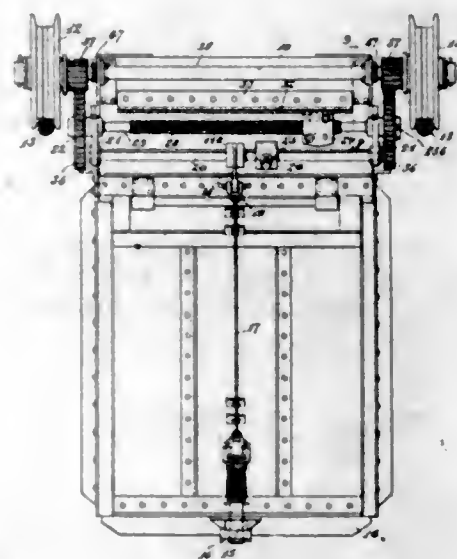
1. In a means for producing facsimile carbon impressions upon a work sheet, the combination of a form, a stationary blurring medium of stiff material which is sufficiently yieldable to permit the form to transmit impressions therethrough, and inking means associated with the blurring medium and receiving therefrom an impression of reduced definiteness for delivery to the work, substantially as described.

1,643,213. ELECTRIC POWER SYSTEM. JOHN J. KANE, Milwaukee, Wis., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis., a Corporation of Delaware. Filed Oct. 14, 1920. Serial No. 417,004. 27 Claims. (Cl. 290—40.)



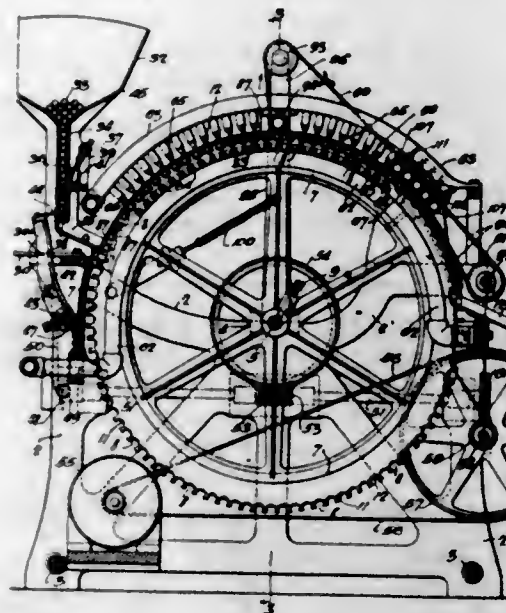
1. In combination, a generator having means for maintaining the voltage thereof substantially constant in spite of variations in the generator speed, means for driving said generator, an electromagnetically-actuated brake for said generator-driving means, and means for effectively energizing said brake to a degree that varies as the speed of said generator.

1,643,214. AERIAL TRAMWAY. GILBERT M. KILCARR, New York, N. Y., assignor to Interstate Equipment Corporation, New York, N. Y., a Corporation of New York. Filed Jan. 18, 1926. Serial No. 82,049. 5 Claims. (Cl. 105—242.)



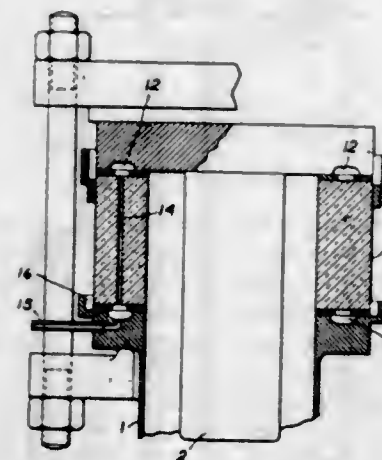
1. In an aerial tramway car having a door, and latch means for said door, a transversely travelling tripping element on the car and a second element connected to said latch means adapted to be engaged by said tripping element and adapted furthermore to be variously positioned to effect engagement of the said travelling tripping element upon a predetermined travel thereof.

1,643,215. MACHINE FOR SHAPING ENDS OF GLASS TUBES. ROBERT H. KOENIG, Haddon Heights, N. J., assignor to Ruth Glass Company, Conshohocken, Pa., a Corporation of Pennsylvania. Filed Aug. 7, 1924. Serial No. 730,638. 9 Claims. (Cl. 49—7.)



1. In a machine for shaping ends of glass tubes, the combination with a conveyer, said conveyer being rigid and having a plurality of tube-carrying means, of a second rigid conveyer substantially paralleling the first and mounted to move in fixed relation thereto, said second conveyer having a plurality of mandrel elements arranged in alignment with the tube-carrying means of the conveyer first named, and means for advancing said mandrel elements into engagement with tubes carried by the first-named conveyer at a predetermined point in the travel thereof.

1,643,216. MERCURY-VAPOR-ARC RECTIFIER. CHRISTIAN KRÄMER, Berlin, Germany, assignor to General Electric Company, a Corporation of Germany. Filed Aug. 29, 1921, Serial No. 496,564, and in Germany Nov. 25, 1915. 8 Claims. (Cl. 175—354.)



1. The combination of a closed receptacle comprising a plurality of separable wall portions provided with abutting edges adapted to form a sealed chamber between said edges, and means for evacuating said chamber.

1,643,217. TOOTHBRUSH. SOLOMON ANDRADE LAZARUS, London, England. Filed June 4, 1924, Serial No. 717,789, and in Great Britain June 21, 1923. 1 Claim. (Cl. 15—27.)

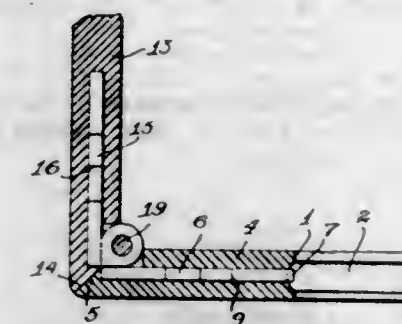


A tooth brush consisting of a handle provided at one end with a pair of spaced lugs formed with aligned and opposed bearing recesses, and a detachable bristle member, revoluble with free rotary motion with respect to said handle, said member comprising a straight axial shaft having bristles secured spirally therearound, and adapted to be revolved by the brushing action, said shaft being of a resilient nature, whereby it can be sprung into and out of engagement with said bearing recesses.

1,643,218. OPHTHALMIC MOUNTING. WILLIAM E. McDONELL, Rochester, N. Y., assignor, by mesne assignments, to Shur-On Standard Optical Company, Inc. Filed Dec. 13, 1920, Serial No. 430,123. Renewed July 29, 1927. 8 Claims. (Cl. 88—53.)

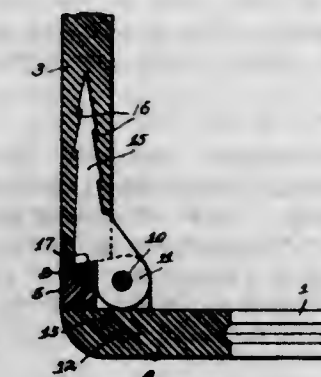
1. An ophthalmic mounting comprising a non-metallic lens frame having a non-metallic extension at one side, said extension being provided with a bevelled end portion, a temple having a bevelled non-metallic end portion, and a hinged connection between the temple and the extension, permitting the bevelled portions to abut and embodying two pivotally connected metallic members se-

cured to the frame and the temple and having abutting portions cooperating, when the abutting portions on the temple and extension cooperate, for the purpose of limiting the outward movement of the temple.



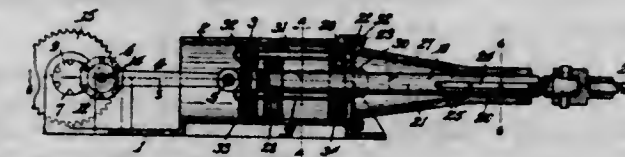
4. In a non-metallic spectacle frame, rims, carriers on the rims provided with grooves in their ends, and metallic members comprising shanks embedded in the carriers, and rings on the shanks registering in the grooves.

1,643,219. OPHTHALMIC MOUNTING. WILLIAM E. McDONELL and THOMAS LEYTHAM, Rochester, N. Y., assignors, by mesne assignments, to Shur-On Standard Optical Company, Inc. Filed Oct. 20, 1921. Serial No. 509,141. 27 Claims. (Cl. 88—53.)



1. An ophthalmic mounting comprising a lens frame having an extension at its outer edge formed with a pocket opening rearwardly and inwardly, a metal insert in said pocket provided with a pocket opening rearwardly and inwardly, and a temple having a terminal pivotally mounted in the pocket of the metal insert.

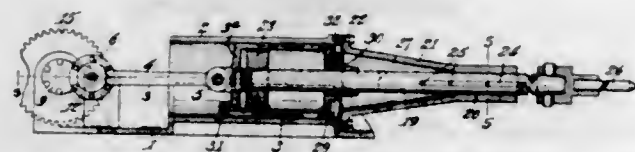
1,643,220. MINING MACHINE. ROBERT B. METZNER, Wheeling, W. Va. Filed June 11, 1926. Serial No. 115,286. 4 Claims. (Cl. 262—13.)



1. In a mining machine, a cylinder having a tapered hollow extension on its forward end provided with air ports, a piston in the cylinder having a rod journaled in the front end of the extension, a pair of relatively spaced pistons on opposite sides of the first piston, the rods connecting said pair of pistons and freely movable through the first piston, a rod connected to the rearmost

of the pair of pistons, means to reciprocate the rod, and check valves carried by the pistons of said pair whereby, upon reciprocation of said pair of pistons, alternately to compress air between opposite faces of the first piston and the confronting faces of the pistons of the pair for effecting reciprocation of the first piston and for cushioning the latter both on its advance and return strokes.

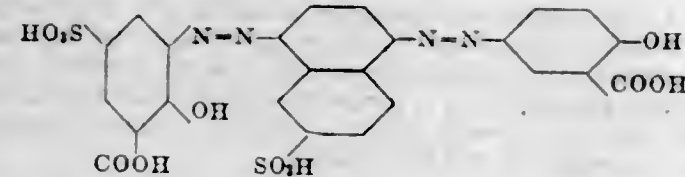
1,643,221. MINING TOOL. ROBERT B. METZNER, Wheeling, W. Va. Filed June 11, 1926. Serial No. 115,287. 3 Claims. (Cl. 262-13.)



1. In a mining machine, a cylinder, a hollow cylindrical piston having closed ends reciprocable in said cylinder, means for reciprocating said piston, an inner piston reciprocable within said hollow piston, a cutter-carrying piston rod fixed to said inner piston, and check valves in the opposite ends of said hollow piston whereby, upon reciprocation of the hollow piston, alternately to compress air between opposite faces of the inner piston and the confronting ends of the hollow piston, thereby to effect reciprocation of the inner piston and to cushion its strokes.

1,643,222. CHROMIABLE BROWN DISAZO DYE-STUFFS. WILHELM NEELMEIER, Leverkusen, THEODOR NOCKEN, Wiesdorf, near Cologne-on-the-Rhine, and WERNER REBNER, Cologne-Mulheim, Germany, assignors to Gracell Dyestuff Corporation, New York, N. Y., a Corporation of Delaware. Filed Apr. 22, 1926. Serial No. 103,961, and in Germany Apr. 28, 1925. 6 Claims. (Cl. 260-84.)

6. As a new product the disazodyestuff having in the free state most probably the formula

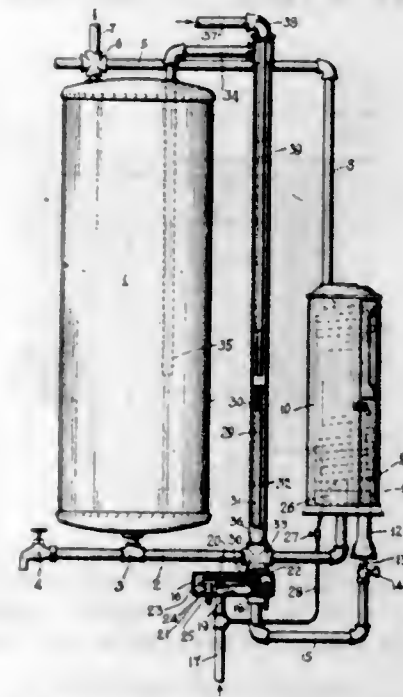


which is substantially identical with the product obtained by coupling 3-diazo-5-sulfo-2-hydroxy-benzole acid with 1-naphthylamine-6-sulfonic acid, rediazotizing the monozodyestuff formed and coupling with salicylic acid, which in form of its alkali metal salt is a reddish-brown powder, soluble in water with an orange-red color, soluble in concentrated sulfuric acid with a blue color and when printed on cotton with chromium compounds yields exceedingly fast brown shades.

1,643,223. WATER-HEATING SYSTEM. HENRY W. O'Dowd, Jersey City, N. J., assignor to Standard Gas Equipment Corporation, a Corporation of Maryland. Filed Sept. 23, 1925. Serial No. 58,213. 16 Claims. (Cl. 236-20.)

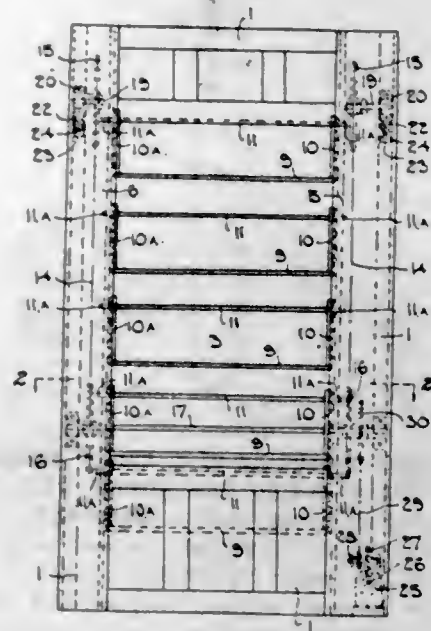
1. In a water heating system, the combination of a storage tank, a circulating pipe leading from and to the tank and including a water heating unit, and comprising a flow pipe leading from the heating unit to the tank and a return pipe leading from the tank to the heating unit, a heating appliance associated with said unit, a thermostat controlling the action of the heating appli-

ance, and a pipe containing the thermostat and communicating at its lower end with the bottom portion of the tank and provided at its other end with a branch pipe



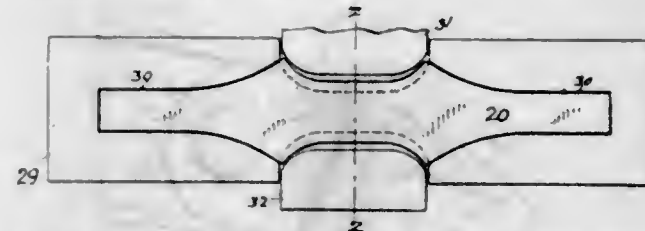
independent of the said flow pipe and extended downwardly into the tank to a predetermined level below the top of the same.

1,643,224. MEANS FOR DISPLAYING GOODS, MERCHANDISE, OR THE LIKE. FREDERICK JAMES SHELTON, Wellington, New Zealand. Filed Feb. 10, 1926. Serial No. 87,377, and in New Zealand Mar. 12, 1925. 3 Claims. (Cl. 211-20.)



1. An apparatus for displaying or advertising goods, merchandise, and the like, comprising a framework, including spaced side panels having opposed endless central slots therein and also provided with substantially diagonally opposed endless slots the side portions of which are parallel to the other slots while the curved end portions are substantially eccentric thereof, endless chains operating on the outside of the panels and opposite the central slots, a plurality of horizontally disposed trays situated between the panels, cross bars carried by the upper parts of the trays and engageable through the central slots with the chains and supported by the latter, and rollers mounted on the ends of the trays and on opposite sides of the cross bars and operating in the diagonally opposed slots so as to be guided thereby and prevented from tilting during movement.

1,643,225. METHOD OF MAKING AXLE HOUSINGS. CHARLES S. SMITH, Milwaukee, Wis., assignor to A. O. Smith Corporation, Milwaukee, Wis., a Corporation of New York. Filed Aug. 3, 1922. Serial No. 579,479. 3 Claims. (Cl. 29-153.)



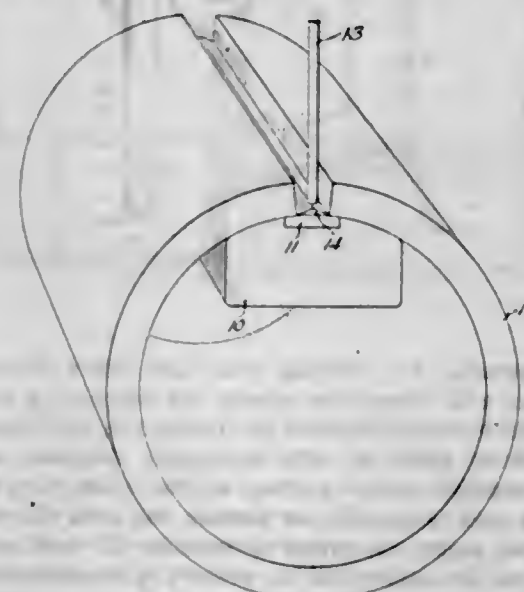
1. The process of making axle housings and gear casings for automobiles, which process comprises the operations of cutting a contoured metal blank, thickening the side margins of the central portion thereof by exerting edgewise pressure thereon, pressing the blank into a semi-tubular formation arched at its center, and welding a pair of the latter along their meeting edges, to produce as an integral structure an elongated tubular housing having reduced ends and an enlarged vertical central section with gear assembling openings in the sides thereof, and with an integrally thickened gauge in the metal of the housing in proximity to the said central openings.

1,643,226. HAIR WAVER. IRENE STRABELLE, Atlantic City, N. J. Filed Dec. 4, 1926. Serial No. 152,662. 4 Claims. (Cl. 132-43.)



1. A hair waver comprising a body of flexible material having a metallic core, said body being doubled upon itself to provide an eye, and the free ends twisted together, means for maintaining the size of said eye, and a ferrule encircling the extreme ends of flexible material for holding the same together, said ferrule adapted to freely pass through said eye when applying the waver to the hair of a user.

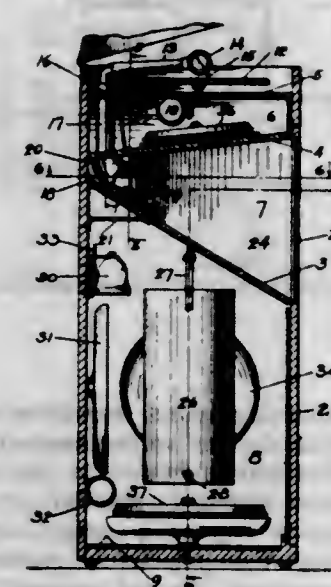
1,643,227. METHOD OF METALLIC ARC WELDING. RICHARD STRESSAU, Wauwatosa, Wis., assignor to A. O. Smith Corporation, Milwaukee, Wis., a Corporation of New York. Filed Nov. 24, 1924. Serial No. 752,027. 13 Claims. (Cl. 219-10.)



1. The method of arc welding which comprises the formation of a thick metal plate into an annulus with

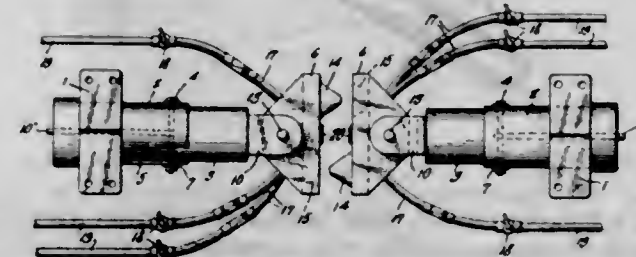
the ends of the plate meeting in the same plane and spaced to form a welding channel, inserting a thin strip of welding metal and flush with the inner wall of the annulus to close the bottom of the said channel, and fusing the thin metal strip and the side walls of the channel into an integral structure by an electric arc.

1,643,228. PHONOGRAPH. BURDETTE STUMP, Denver, Colo. Filed July 29, 1922. Serial No. 578,347. 1 Claim. (Cl. 274-2.)



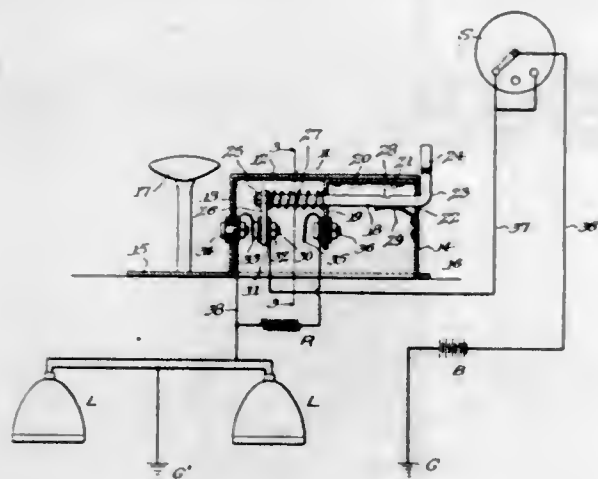
In a phonograph, a cabinet provided in its upper portion with a tone chamber extending from front to rear and tapered longitudinally, said tone chamber being composed of top, bottom and side walls, the bottom wall having its front edge free and constituting a sounding board, a resonator consisting of an open cylindrical metallic vessel suspended at its open end from the bottom wall of the tone chamber and arranged in spaced relation with the walls and bottom of the cabinet, and opposite spiral springs connecting the closed bottom of the resonator with the walls of the cabinet at diametrically opposite points.

1,643,229. STEAM, AIR, AND SIGNAL LINE CONNECTION. CHARLES E. SULLIVAN and LOUIS ZABOLITZKY, Colorado Springs, Colo. Filed Oct. 29, 1926. Serial No. 145,090. 2 Claims. (Cl. 285-24.)



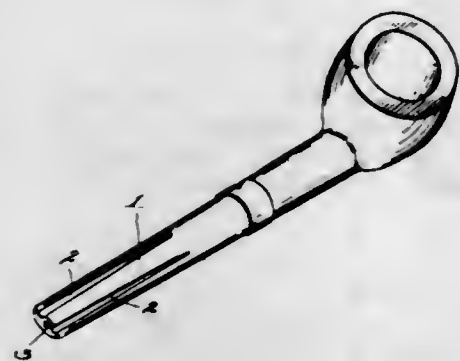
1. Coupling means for train pipes comprising a cylinder horizontally supported from a car, a member telescopically supported by the cylinder, a frame connected with the outer end of the said member, a coupling head pivoted in the frame, said head having ports therein, means for connecting the train pipes to said ports, gaskets in the outer ends of the ports for engaging similar gaskets on another head, a bolt passing through the member, and the cylinder having wedge-shaped slots in its side walls through which the ends of the bolt pass, the apexes of the slots being adjacent the forward end of the cylinder, a spring in the cylinder bearing against the rear end of the cylinder and against a part carried by the bolt for holding the telescopic member in its forward position with the bolt in the small ends of the slots.

1,643,230. COMBINATION FOOT SWITCH. MARSHALL McD. WILLIAMS, Faison, N. C. Filed Sept. 15, 1924. Serial No. 737,897. 3 Claims. (Cl. 200—59.)



1. A circuit controlling switch structure comprising a housing, a pair of stationary spring contacts therein, an L-shaped rod operatively mounted in the housing and having its short arm disposed exteriorly of the housing to permit manipulation thereof, a contact member carried by the rod and adapted to selectively engage said spring contacts, spring means on the rod normally maintaining said member in engagement with one of the spring contacts and latch means for releasably maintaining said member in engagement with the other of the spring contacts.

1,643,231. TOBACCO PIPE. GEORGE H. WILSON, Louisville, Ky. Filed Nov. 20, 1925. Serial No. 70,345. 1 Claim. (Cl. 131—12.)

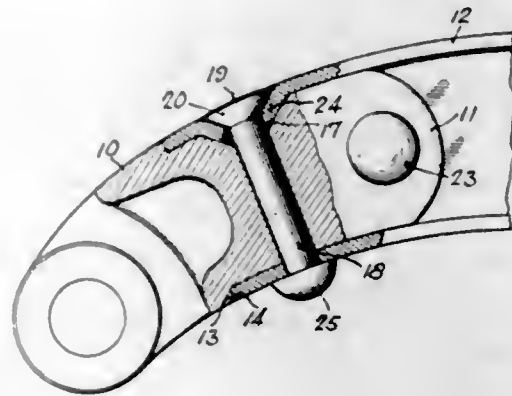


In a tobacco pipe, a stem having an external groove or grooves on the upper side only extending longitudinally of said stem from a point exposed to atmosphere when the pipe is in use to a point adjacent the orifice of the smoke passage.

1,643,232. ATTACHING SPRING HANGERS TO THE SIDE BARS OF AUTOMOBILE FRAMES. BIRGER TORVALD ANDREN, Milwaukee, Wis., assignor to A. O. Smith Corporation, Milwaukee, Wis., a Corporation of New York. Filed June 28, 1926. Serial No. 119,012. 4 Claims. (Cl. 267—54.)

1. The method of attaching spring hangers to the side bars of an automobile frame, which comprises the steps of providing a spring hanger with a perforation flaring at its end, providing a side bar with registering perforations, assembling the spring hanger and the side bar with the perforations aligned, inserting in the aligned

perforations a rivet having a tapering portion between its head and shank, and applying pressure to the head of the rivet to depress the adjacent surrounding portion

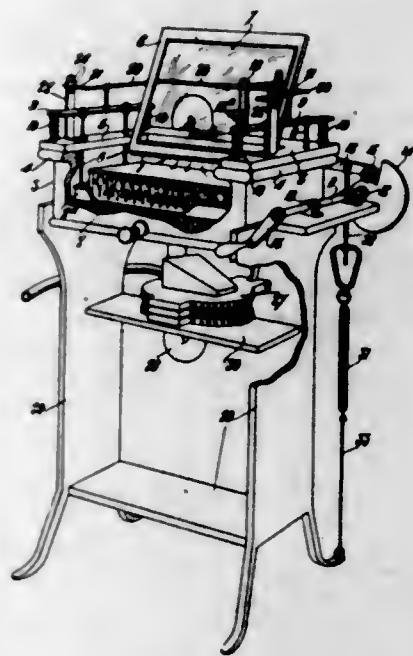


of the side bar into the flare of the perforation in the spring hanger to interlock the parts, and upsetting the point of the rivet to complete the riveting operation.

1,643,233. DYEING AND PRINTING WITH PHENYL-AMINE BLACK. GUILLERMO ARTS, Barcelona, Spain. Filed Feb. 16, 1922, Serial No. 537,087, and in Spain Mar. 1, 1921. 13 Claims. (Cl. 8—5.)

1. In the art of dyeing with anilin black, the step of treating the textile to be dyed, with a bath containing both anilin and an azo aromatic compound, the latter being present in amount not substantially over 2% of the former.

1,643,234. ETCHING APPARATUS. JOHN BAKER, Handsworth, Birmingham, England. Filed Sept. 29, 1926, Serial No. 138,463, and in Great Britain Oct. 10, 1925. 3 Claims. (Cl. 41—9.)



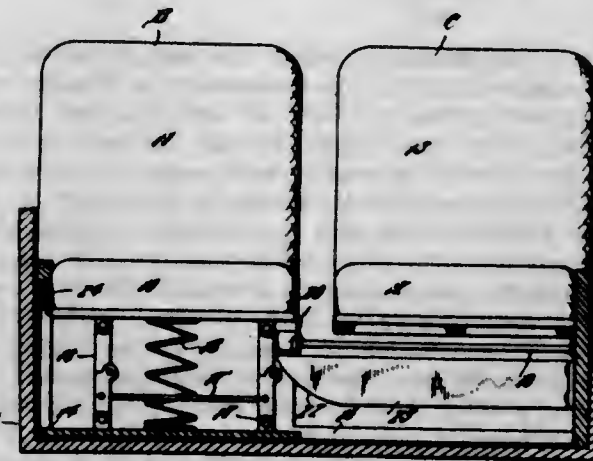
1. Apparatus for etching zinc and other plates comprising an acid receptacle, means for supporting the plate to be etched above the level of the acid in said receptacle, a perforated plate in said receptacle disposed approximately parallel to the surface of the acid, reciprocating means in said receptacle for forcing the acid through said perforated plate, to direct a number of jets upon the surface of the plate to be etched, a reciprocating exhaustor for withdrawing fumes from said acid chamber and an operative connection between said reciprocating means and exhaustor.

1,643,235. WINDSHIELD CLEANER. BASIL T. BARBER, Iola, Kans. Filed Apr. 13, 1927. Serial No. 183,515. 1 Claim. (Cl. 15—255.)



A device of the class described comprising a channel-shaped member, a wiper element fastened to each flange of said member, a heating unit detachably arranged in the space formed by said member and wiper elements, said unit consisting of a strip of non-conducting material, a heating coil carried by the same, a pair of strips formed of non-conducting material, a heating coil carried by the same, a pair of strips formed of non-conducting material arranged one on each side of the first mentioned strip and spaced therefrom and means for supplying current to the heating coil.

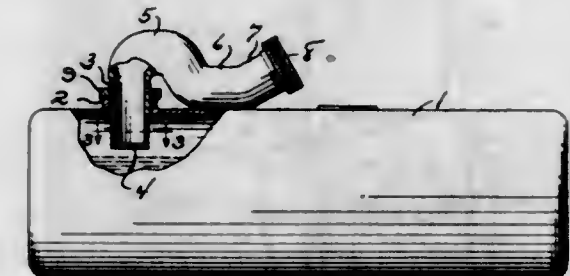
1,643,236. AUTOMOBILE SEAT. JESSE JAMES BELL, Terre Haute, Ind. Filed July 26, 1926. Serial No. 125,046. 4 Claims. (Cl. 155—10.)



1. In combination, a stationary seat structure including a back, a movable seat structure including a back arranged to be moved behind the back of the stationary seat, collapsible means for supporting the movable seat at the same level as the stationary seat, means for collapsing said supporting means when the movable structure is initially shifted in the direction of the stationary seat, resilient means for lowering the movable seat incident to the collapsing of the supporting structure, whereby

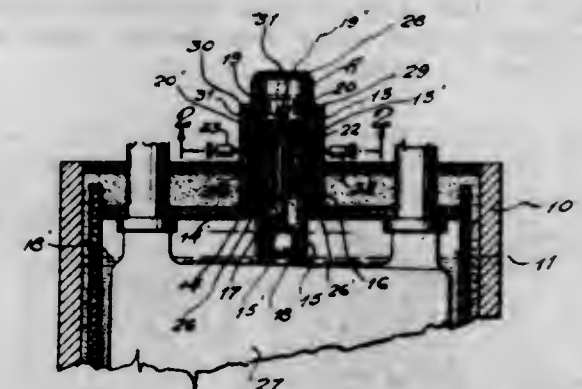
said movable seat is arranged at a level to pass beneath the stationary seat, and yieldable means assisting in returning the movable seat to its normal level when moved from beneath the stationary seat.

1,643,237. FUEL TANK. CHARLES CARROLL CAMBRIDGE, Savannah, Ga. Filed Aug. 9, 1926. Serial No. 128,207. 1 Claim. (Cl. 220—86.)



In an anti-theft device for gasoline tanks, the combination with a tank having a flanged inlet opening, of a goose neck having a straight portion arranged in said opening, a curved portion formed with said straight portion, a perforated plug secured in the free end of said straight portion which is disposed adjacent the top of said tank and being adapted to prevent a hose from being arranged in the bottom of said tank to siphon the contents thereof, and a cap for said goose neck.

1,643,238. INDICATOR. ROBERT E. CURTIS, Benton Harbor, Mich. Filed Jan. 29, 1926. Serial No. 84,708. 2 Claims. (Cl. 200—84.)

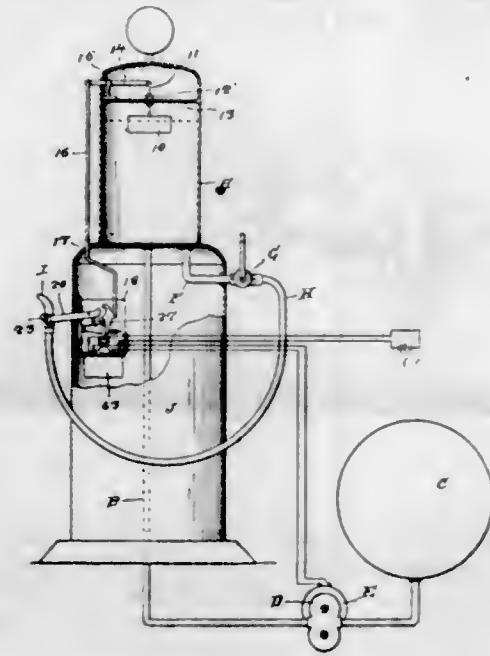


1. The combination with a cell of a storage battery having a neck portion, of a body confined in the neck portion and having threaded engagement therewith and having a recess formed therein, a receptacle confined in the recess and provided with separate chambers, a conductive fluid confined in the chambers, contact elements extending into the chambers into the body of the conductive fluid, a bridging contact having portions adapted to be submerged in the conductive fluid to complete a connection between the contact elements, and means operative by the lowering of the level of the fluid within the cell for operating said bridging contact.

1,643,239. AUTOMATIC ELECTRIC AND AIR SWITCH. HENRY ELLSWORTH DRAHNG, Mounds, Ill. Filed Aug. 28, 1925. Serial No. 53,171. 3 Claims. (Cl. 221—100.)

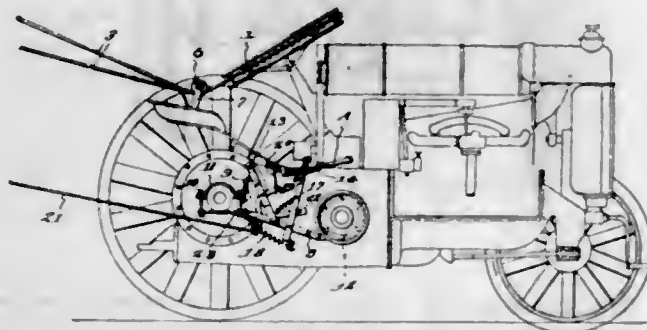
1. In combination with a liquid dispensing pump, and a motor driven means for replenishing the supply therein, an automatic control device for the motor comprising a

float carrying a rod, stationary contacts, a member of insulating material carrying spaced contacts adapted to cooperate with said stationary contacts, a stem connected with said member of insulating material, a dog pivoted upon said stem and having a shoulder thereon, a rod



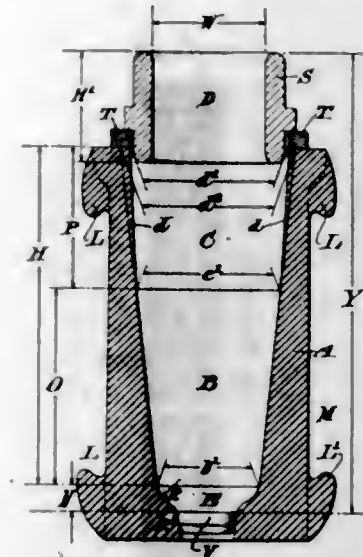
pivotaly connected with the dog at a point laterally of the pivotal mounting of the dog and operatively connected with said float rod, and a pivoted arm having an extension thereon coacting with the shoulder on the dog, the arm being adapted to serve as a support for the draw-off hose of the dispensing pump.

1,643,240. LINE DRIVE AND CLUTCH CONTROL. HARRY EIS, Holgate, Ohio. Filed Dec. 31, 1926. Serial No. 158,303. 2 Claims. (Cl. 180-77.)



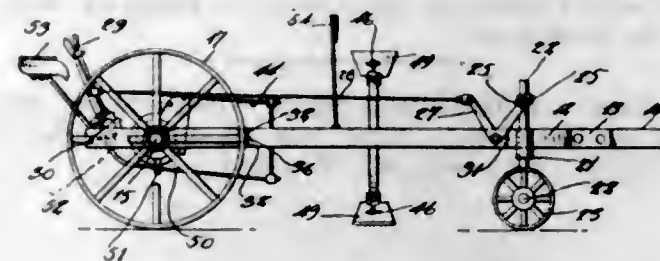
1. An attachment for a tractor comprising a frame adapted to be fastened to the tractor, a latch lever pivoted to the frame and having a latch part for engaging the clutch pedal to hold the same depressed, guiding means for the latch lever attached to the clutch pedal, a lever pivoted to the frame, and connected with the guiding means for lowering the pedal, a spring actuated member movably connected with the two levers for causing the latch lever to be moved into latching position by the operation of the other lever, a spring for moving the latch lever into inoperative position and a trip member for engaging the spring actuated member when the operating lever is moved while the pedal is depressed to release the spring actuated member so that the latch lever can be moved to releasing position by its spring.

1,643,241. INGOT MOLD AND INGOT. EMIL GATHMANN, Baltimore, Md. Filed Jan. 18, 1927. Serial No. 161,807. 8 Claims. (Cl. 22-139.)



1. An ingot mold comprising a heat-absorbing body portion and a heat-insulating upper part, the mold chamber in said body portion being defined by metallic heat-absorbing walls which taper upwardly and outwardly in the same general direction from bottom to top of said chamber, the taper of the lower portion of said chamber walls being considerably greater than the taper of the upper portion thereof.

1,643,242. BEET AND COTTON THINNER. LEWIS C. HALL, Wheatland, Wyo. Filed Jan. 29, 1927. Serial No. 164,566. 2 Claims. (Cl. 97-15.)

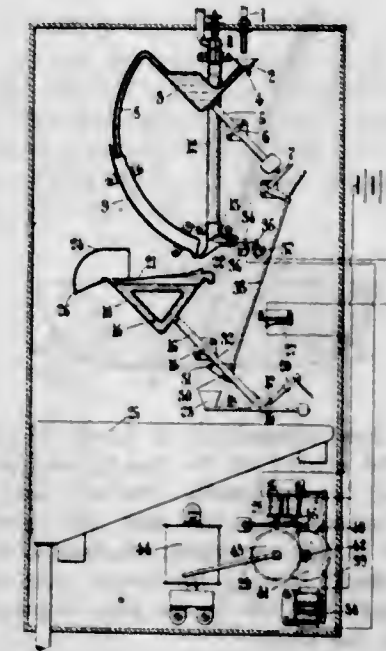


1. In a beet thinner, a frame structure, front and rear wheels supporting said frame structure, a thinner wheel shaft extending longitudinally of and supported by said frame structure, said shaft having its rear end supported for vertical movement with respect to the frame structure, a thinner wheel carried by said shaft, a driving gear actuated from said rear wheels, a driven pinion on the rear end of said shaft and connected to the shaft for driving the same, said pinion being normally in mesh with the driving gear, said shaft being slidable longitudinally in said frame structure, a spring urging said shaft rearwardly and the pinion into engagement with said gear, a collar fixed on said shaft, a latch lever and quadrant mounted on the frame structure, a reach rod connecting the collar and the latch lever to move the shaft longitudinally as the lever is moved, and means to lift the rear end of the shaft with respect to the frame structure.

1,643,243. APPARATUS FOR EFFECTING CHEMICAL TESTS AND CONTROLLING CHEMICAL REACTIONS. HENRY STAFFORD HATFIELD, London, England. Filed Oct. 9, 1926, Serial No. 140,553, and in Great Britain Oct. 14, 1925. 23 Claims. (Cl. 23-253.)

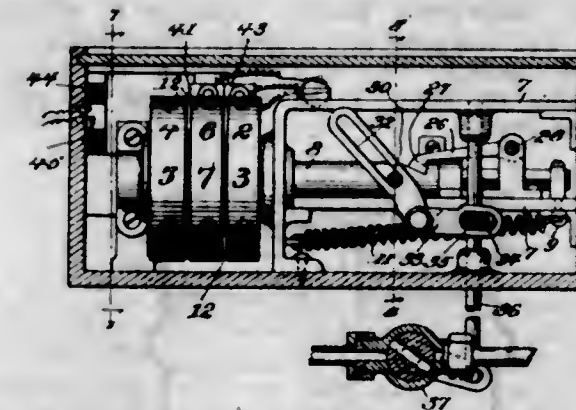
1. An apparatus for analyzing a liquid comprising in combination means for measuring a known volume of one liquid, means for adding to said known volume a

second liquid capable of reacting chemically with said first liquid to produce a physical change in the mixture at a critical stage of the reaction, a relay mechanism,



means controlled by said physical change for actuating said relay mechanism and an indicating device in operative connection with said relay mechanism.

1,643,244. PERMUTATION LOCK. SAMUEL D. HOUSE, Mount Pleasant, Tenn.; Medora House administratrix of said Samuel D. House, deceased. Filed Jan. 5, 1923. Serial No. 610,836. 2 Claims. (Cl. 70-53.)



1. A lock of the class described including a housing, a supporting frame arranged within the housing, a sleeve carried by the supporting frame having a key way, a plurality of disks rotatably mounted upon the sleeve and each having a key way adapted to be aligned with the key way in the sleeve, a sliding bolt having one end recessed and movably mounted in the sleeve, means normally urging the bolt toward an unlocked position, a spring latch carried by the bolt, a head on one end of the latch formed with a beveled face, manual means for moving said bolt to a locking position and means on one of said disks cooperating with the head of the latch whereby upon movement of the bolt the latch will be forced into the bolt recess whereby said bolt may be moved to a locking position regardless of the position of the key ways, and another of said disks being formed in one face with an annular recess adapted to receive the head of the latch when the bolt is moved to a locked position to prevent movement of said bolt toward an unlocking position until the key ways in said sleeve and disks have been moved to aligning positions.

1,643,245. POULTRY FOUNTAIN. WILLIAM JEVONS, Wakefield, Kans. Filed Jan. 24, 1927. Serial No. 163,191. 4 Claims. (Cl. 119-73.)

1. A poultry fountain comprising inner and outer drums, the walls of the outer drum extending a con-

siderable distance below those of the inner drum to form a support, an opening in the wall of the outer drum below the bottom of the inner, a liquid receptacle, a

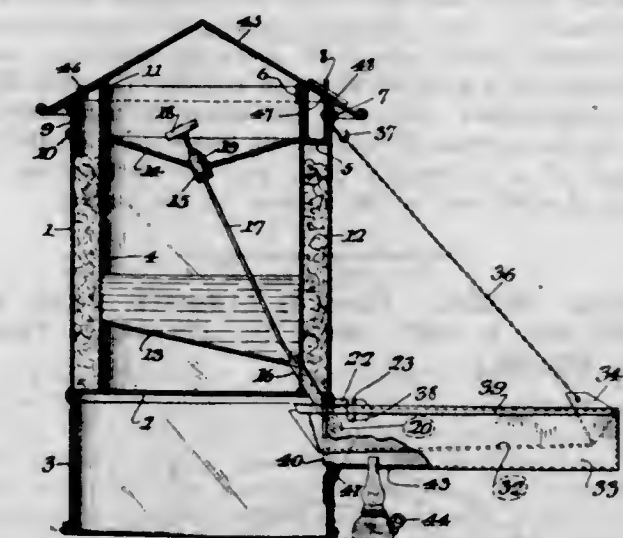
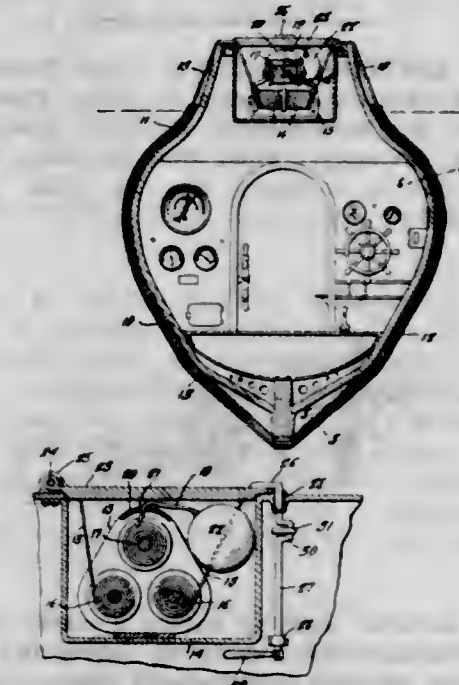


plate attached to the outer wall adjacent said opening and provided with notched ears, and means on said receptacle engaging in the notches to support the receptacle.

1,643,246. PROCESS FOR DYEING FURS, SKINS, HAIRS, FEATHERS, OR THE LIKE. OSKAR KALTWASSER, Berlin, and HERMANN KIRCHHOFF, Dessau-Anhalt, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Filed Aug. 9, 1926, Serial No. 128,332, and in Germany July 10, 1925. 1 Claim. (Cl. 8-5.)

Process for dyeing furs, skins, hairs, and feathers, which comprises treating the material to be dyed, in the presence of an oxidizing agent, with a solution of the diamino-2-hydroxynaphthalene obtained by dinitrating naphthalene 1,2-diazoxide, carefully treating the product with sodium sulphide and then reducing the nitrogroups.

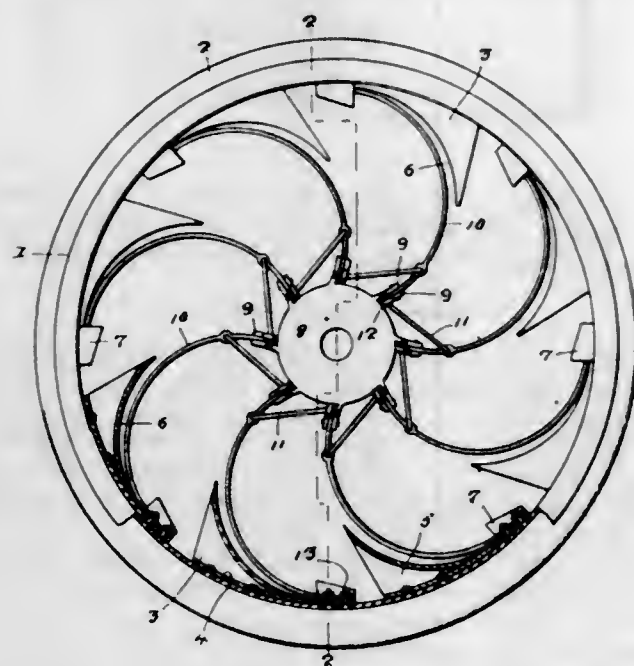
1,643,247. APPARATUS FOR RAISING SUNKEN SHIPS. WILLIAM LA GRANGE, Brooklyn, N. Y. Filed Aug. 23, 1926. Serial No. 131,000. 6 Claims. (Cl. 114-51.)



1. In an apparatus of the class described, the combination of a ship having a compartment in the deck thereof, a cable normally encircling the hull of said ship

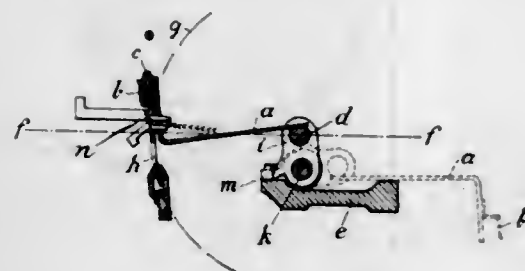
and having its ends extending into said compartment and wound about said reel, a second reel journaled in the same support as said first reel, a cable having one end fixedly connected to said second reel, a buoy carried by the other end of said last cable and disposed within said compartment, a door normally closing said compartment, and manual control means for operating said door below the surface of a body of water to release said buoy from said compartment to permit the same to automatically float to the surface of a body of water to indicate the position of a submerged ship, and for facilitating the lifting of said reel to the surface of the water.

1,643,248. WHEEL. FLOYD L. LAWRENCE, Mobile, Ala. Filed Mar. 4, 1927. Serial No. 172,834. 4 Claims. (Cl. 152-50.)



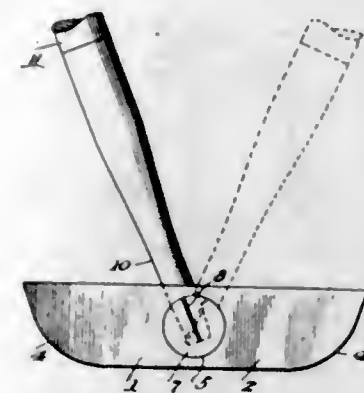
1. In a wheel construction, a tire carrying rim, equidistantly spaced arched buffer members on the inner periphery of the rim, a hub, and curved spokes secured to the hub and to the reduced ends of the buffer members and the remainder of the said spokes being spaced from said buffer members.

1,643,249. KNITTING MACHINE. PAUL LIEBERKNECHT, Chemnitz, Germany, assignor to Ernst Boessneck Gesellschaft mit beschränkter Haftung, Einsiedel, near Chemnitz, Germany. Filed Jan. 21, 1927. Serial No. 162,546, and in Germany May 12, 1926. 5 Claims. (Cl. 66-96.)



1. In a knitting machine having a needle bar and a transfer comb arranged respectively below and above the sinkers, arms carrying said transfer comb, a rock shaft holding said arms, and means for supporting said rock shaft so that it can be raised substantially to the level of the sinkers for operation and lowered when not in use, substantially as and for the purpose set forth.

1,643,250. ADJUSTABLE GOLF-CLUB HEAD. RALPH N. LONGSWORTH, Somerset, Ky. Filed Apr. 30, 1927. Serial No. 188,012. 3 Claims. (Cl. 273-79.)

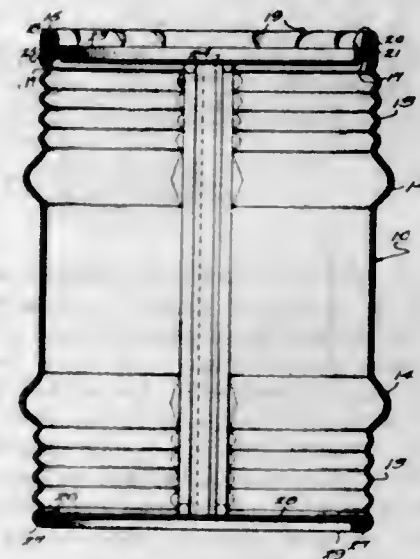


1. A golf club comprising a head, a plug rotatably mounted in the center of the head, said plug having a slot extending longitudinally therein and a threaded tapered hole intersecting the slot, the head having an elongated hole in its top which exposes a portion of the plug and a shaft having its lower end threaded and tapered to engage the hole in the plug to permit expansion of the plug by the shaft.

1,643,251. COMPOSITION FOR CLEANING AND POLISHING GLASS. GEORGE A. McBRIDE, Seattle, Wash. Filed Aug. 11, 1926. Serial No. 128,710. 5 Claims. (Cl. 87-5.)

1. A glass cleaning composition containing about .046% ammonium carbonate in combination with kerosene.

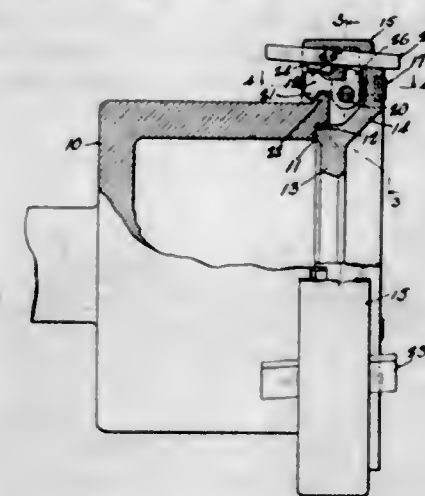
1,643,252. SHIPPING DRUM. HAROLD E. McCRERY, Apollo, Pa., assignor to Pittsburgh Steel Drum Company, Pittsburgh, Pa., a Corporation of Delaware. Filed May 10, 1926. Serial No. 108,139. 2 Claims. (Cl. 220-66.)



1. A shipping drum comprising a sheet metal body having an upper portion of substantial width turned downwardly within and contacting throughout the greater portion of its length with said body to form a reinforcing chime, a portion of said chime being extended inwardly to form a horizontal reinforcing shoulder, a head arranged in the upper end of said drum, said head including a horizontal portion corresponding in width and arrangement to said horizontal shoulder and arranged thereover, the central portion of said head being extended axially through the space defined by said shoulder and substantially contacting with the inner edge of said shoulder, said head being provided with a peripheral substantially cylindrical upstanding flange fitting within the upper portion of said chime, the upper portion of said body and said chime extending upwardly beyond said cylindrical flange.

flange and adapted to be turned downwardly thereover, said body and said chime being provided with a rolled outwardly extending bead substantially at the level of the upper edge of said cylindrical flange.

1,643,253. QUICK-DETACHABLE DAM FOR THE MOLDS OF CENTRIFUGAL CASTING MACHINES. MARTIN A. MIKESH, Milwaukee, Wis., assignor to A. O. Smith Corporation, Milwaukee, Wis., a Corporation of New York. Filed Nov. 17, 1924. Serial No. 750,318. 15 Claims. (Cl. 22-65.)



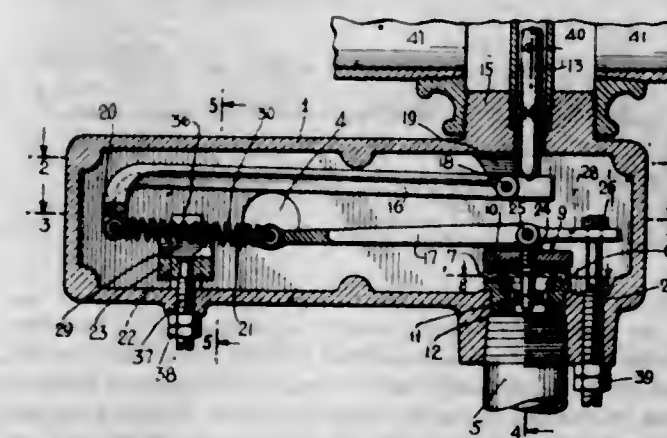
1. In a centrifugal casting machine, a rotatable mold having an open end, a removable dam therefor, and means carried by the dam and adapted to secure the dam upon the mold in any position of the mold.

1,643,254. WELD ROD AND PROCESS OF ARC WELDING WITH THE SAME. JACOB C. MILLER, Milwaukee, Wis., assignor to A. O. Smith Corporation, Milwaukee, Wis., a Corporation of New York. Filed May 12, 1924. Serial No. 712,591. 7 Claims. (Cl. 219-8.)



1. As a new manufacture, a weldrod comprising a wire and an eccentrically disposed impregnated covering thereon to retard burning, such covering being arranged to expose a substantially bare rear side upon the wire, the said covering being provided with a marker formed as a longitudinal rib for indicating the location of the bare side.

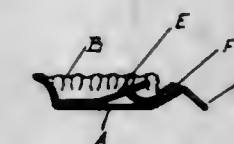
1,643,255. THERMOSTATICALLY-CONTROLLED VALVE MECHANISM. HENRY W. O'DOWD, Jersey City, N. J., assignor to Standard Gas Equipment Corporation, a Corporation of Maryland. Filed Oct. 17, 1925. Serial No. 63,060. 13 Claims. (Cl. 236-48.)



1. In a thermostatically controlled valve mechanism, the combination of a thermostat, a lever actuated directly by said thermostat, a valve, a second lever carrying

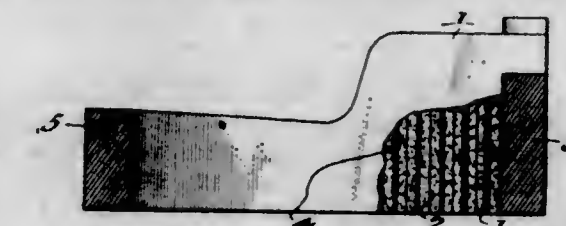
said valve, and a spring directly connecting the two levers and arranged so that its line of force will be shifted by the independent movement of the thermostatically actuated lever to one side or the other of the fulcrum point of the valve carrying lever in opening or closing the valve.

1,643,256. BOTTLE CAP. CHARLES R. PERKINS, Newburyport, Mass. Filed Dec. 18, 1926. Serial No. 155,743. 4 Claims. (Cl. 215-46.)



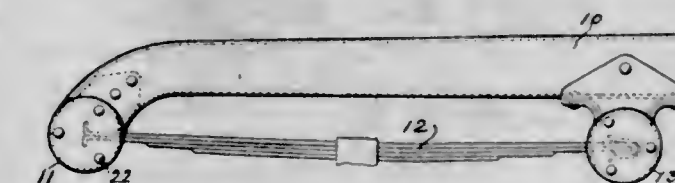
1. The combination with a crimped bottle cap having weakened portions in and through two relatively spaced crimps, of a wire member bent intermediate its ends to form a finger grip portion extending out from the neck of the bottle, and the respective ends being received in the respective aforementioned crimps with the weakened portions, thereby to remove the cap on lifting the finger grip portion and at the same time rupture the weakened portions in and through the respective crimps.

1,643,257. EXPANSION JOINT FOR CONCRETE WORK. THEODORE RAUSCHENBACH, Evansville, Ind. Filed Feb. 16, 1926. Serial No. 88,585. 3 Claims. (Cl. 94-18.)



1. A joint for concrete work comprising a sheet having internal cells, said sheet being coated on its exterior and provided with an internal compressible filler which completely fills the cells thereof.

1,643,258. CUSHIONED SPRING-HANGER CONNECTION FOR AUTOMOBILE FRAMES. WALTER E. RICHTER, Wauwatosa, Wis., assignor to A. O. Smith Corporation, Milwaukee, Wis., a Corporation of New York. Filed Apr. 12, 1924. Serial No. 706,035. 9 Claims. (Cl. 267-54.)

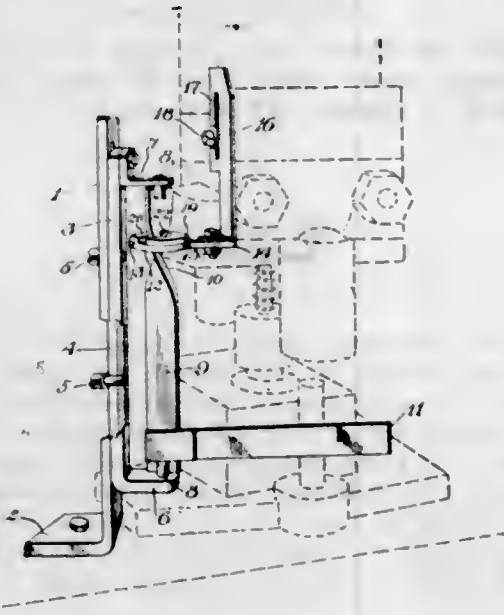


1. Means for connecting the sprung and unsprung weights in an automobile, such means comprising a supporting spring having an enlargement upon one end, a frame side bar provided integrally with a spring hanger in the form of a slotted socket in which the said enlargement is entered by lateral movement of the spring, a cushioning block of resilient material filling the socket and enclosing the said enlargement to form a non-metallic connection, and a connection between the other end of the spring and the side bar.

1,643,259. SAFETY DEVICE FOR PRESSES. EZRA SECOR, St. Joseph, Mich. Filed Aug. 7, 1926. Serial No. 127,955. 2 Claims. (Cl. 74-105.)

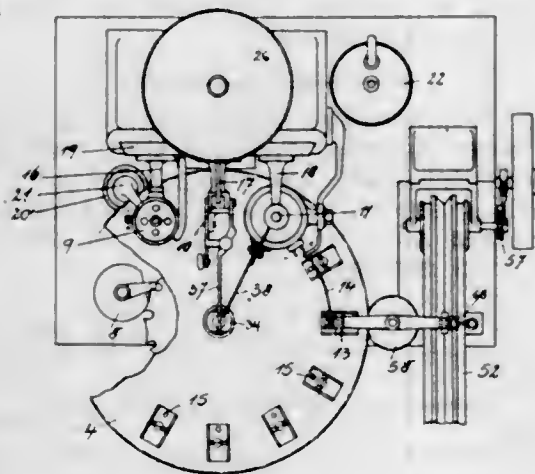
1. A device for the purpose set forth comprising a support, a vertically disposed strap having its ends fitted pivotally in the support, the greater lower portion of the

said strap being flat and straight and the upper portion of the strap having a spiral twist therein, a vertically adjustable arm constructed to be attached to a working part of a machine and encircling the strap, and a member



carried by said arm and provided with a slot, the walls of which engage the sides of the twisted portion of the strap whereby reciprocation of said arm will oscillate the strap.

1,643,260. DEVICE FOR DRILLING, FILLING, AND SEALING HOLLOW BODIES. RICHARD SIEGERT, Klein-Drebnitz, Germany, assignor to Adolf Fritz, Dresden-A., Germany. Filed Aug. 17, 1925. Serial No. 50,765, and in Great Britain May 6, 1925. 1 Claim. (Cl. 107-1.)

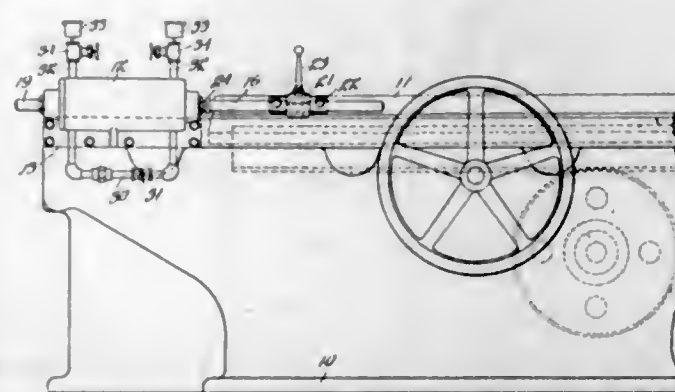


In a device for making filled confections, the combination of an intermittently movable conveyor, holders adapted to receive hollow confection bodies equidistantly spaced on the conveyor, a guiding member mounted adjacent the conveyor and reciprocable toward and from said conveyor, confection drilling, filling and sealing devices mounted on said guiding member in spaced relation corresponding to the spaces between said holders, and in such a position that they can act on confections carried by the holders when the guiding member is reciprocated toward said conveyor, means for intermittently moving said conveyor step by step with a rest between each step and means for reciprocating said guiding member toward and from said conveyor so that as said conveyor is at rest the guiding member is moved toward the conveyor whereby three hollow bodies in three successive holders may be drilled, filled and sealed at the same time.

1,643,261. CONVERSION OF LEAD CHLORIDE TO LEAD CARBONATE. STANLEY COCHRAN SMITH, London, England. Filed May 14, 1924. Serial No. 713,311, and in Great Britain Jan. 30, 1924. 17 Claims. (Cl. 23-146.)

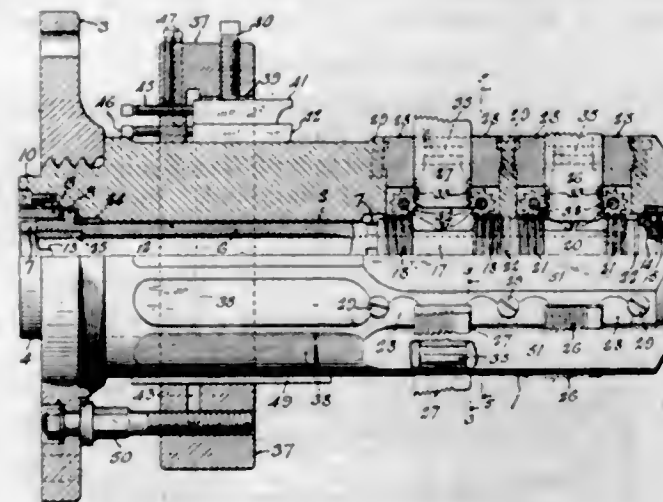
1. A process of converting lead chloride into lead carbonate which consists in suspending a chloride of lead in an aqueous solution of ammonia in excess of that equivalent to the lead chloride and passing carbon dioxide through the suspension.

1,643,262. HYDRAULIC WORK-CARRIAGE CONTROL. AMOS P. STEINER, Waynesboro, Pa., assignor to Landis Tool Company, Waynesboro, Pa., a Corporation of Pennsylvania. Filed June 21, 1926. Serial No. 117,543. 5 Claims. (Cl. 188-97.)



1. A controlling mechanism for a reciprocating device comprising a cylinder, a piston in said cylinder, incompressible fluid in said cylinder on both sides of said piston, a piston rod having one end connected to said piston and having the other end connected to the reciprocating device, a fluid passage forming communication between the extremities of said cylinder, and adjustable means for connecting the piston rod and device for varying the length of travel of the device, substantially as set forth.

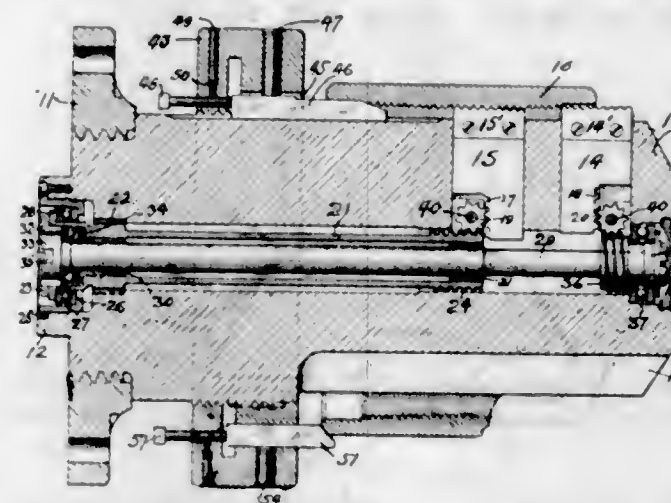
1,643,263. TAPPING TOOL. CHARLES P. WETMORE, Milwaukee, Wis., assignor, by mesne assignments, to A. O. Smith Corporation, Milwaukee, Wis., a Corporation of New York. Filed Oct. 20, 1923. Serial No. 669,704. 20 Claims. (Cl. 10-142.)



10. In a tapping tool, the combination of a head having an axial bore and lateral openings into the bore, radially movable chasers guided in said openings and provided on opposite edges with rack teeth, pinions mounted within the head in mesh with the rack teeth, a tubular shaft rotatably mounted in the bore of the head and provided with clutch teeth at the ends and with an end thrust collar having an adjustable end thrust bearing in one end of the head, an independently rotatable shaft

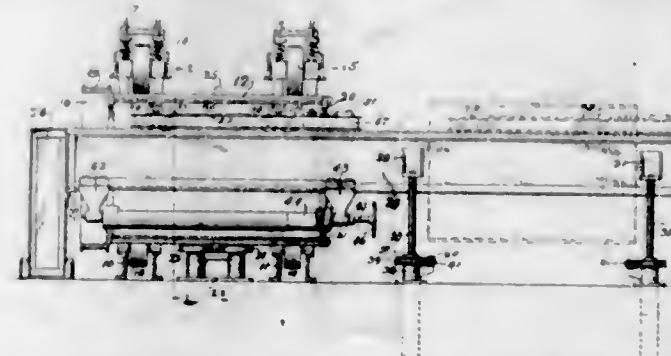
mounted in and extending through the tubular shaft and having a bearing in the other end of the head and clutch teeth at the opposite end, sleeves mounted on the inner shaft and provided with worms meshing with the pinions and having supporting bearings at their peripheries in the head, one of the sleeves having clutch teeth at one end engaged with the clutch teeth at the adjacent end of the tubular shaft and the other sleeve being fixed on the inner shaft and having an end thrust bearing at one end in the head, and an end thrust bearing at the opposite end against the other sleeve.

1,643,264. COLLAPSIBLE THREADING TAP. CHARLES P. WETMORE, Milwaukee, Wis., assignor to A. O. Smith Corporation, Milwaukee, Wis., a Corporation of New York. Filed Dec. 29, 1924. Serial No. 758,609. 6 Claims. (Cl. 10-142.)



4. In a collapsible threading tap, the combination of a head provided with a central axial bore and radially extending openings arranged in two circumferential rows leading therefrom, thread chasers in sets disposed in the said openings, the chasers being each provided at approximately its longitudinal center line with rack teeth, a shaft mounted for rotation in the bore of the head and carrying a worm, pinions between the worm and the racks of one set of chasers, a second shaft likewise mounted and provided with a worm, and pinions between such worm and the racks of the other set of chasers, whereby the several chasers are actuated longitudinally by pressure exerted at their centers.

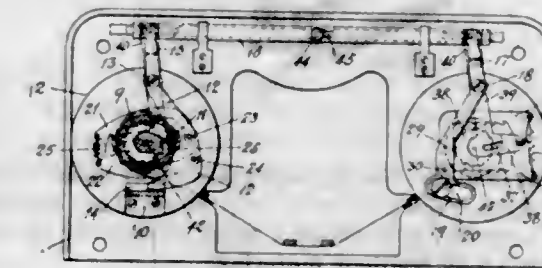
1,643,265. CENTRIFUGAL CASTING MACHINE. LUCIEN I. YEOMANS, Chicago, Ill., assignor to A. O. Smith Corporation, Milwaukee, Wis., a Corporation of New York. Filed Nov. 1, 1924. Serial No. 747,142. 7 Claims. (Cl. 22-65.)



7. In a centrifugal casting machine, a mold and means for rotating the same, a track extending into the mold, a truck operating thereover and provided with means for engaging the casting, and means on the truck for operating the said means radially into engagement with the casting to withdraw the latter from the mold in the outward movement of the truck.

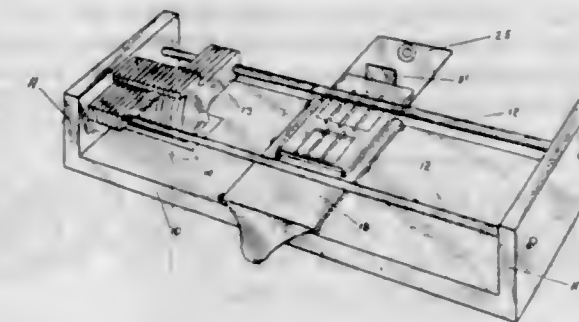
362 O. G.—42

1,643,266. TYPEWRITING MACHINE. GOTTLÖB AICHELE, Nellingen, near Esslingen, Germany, assignor, by mesne assignments, to Daimler-Benz Aktiengesellschaft, Berlin, Germany. Filed Oct. 19, 1926. Serial No. 142,735, and in Germany Mar. 27, 1924. 4 Claims. (Cl. 197-160.)



1. Reversible ribbon feeding mechanism for typewriting and like machines, comprising a ribbon spool, a pin axially slidable in said spool, means permitting the pin to drop when the ribbon is unwound from the spool, a reciprocating rod, drive gearing for said spool including a drive lever driven by said reciprocating rod and a pair of tongue-like feed levers pivoted to said drive lever, and means controlled by the dropping of said pin for throwing said drive gearing into gear, said means including an oscillating reversing lever having a slot adapted to receive said pin whereby the oscillation of said reversing lever is limited, and a second reciprocating rod adapted to actuate said reversing lever.

1,643,267. PRICE MARKER. JAMES H. ALDEN, Wahoo, Nebr. Filed Mar. 17, 1927. Serial No. 176,184. 2 Claims. (Cl. 197-2.)



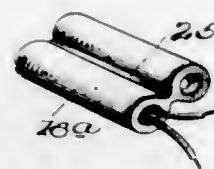
1. A price marker having a base, a rod secured to said base in spaced relation therewith, a plurality of type bars pivotally and slidably mounted on said rod, an ink pad secured to said base, and a spacing device on said base for receiving the end or tag to be printed and having means for symmetrically spacing the characters from said type bars on the card or tag.

1,643,268. FOLDING TRUCK. WILLIAM W. BURNWATT, Los Angeles, Calif., assignor of one-half to William Max Fearon, Los Angeles, Calif. Filed July 10, 1926. Serial No. 121,621. 2 Claims. (Cl. 280-61.5.)



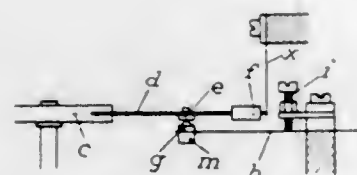
2. A foldable truck comprising separate hinged connected sections, rollers to support the truck when the sections are unfolded and means included in the rollers to yieldingly hold the sections folded.

1,643,269. CONNECTER FOR TELEPHONE RECEIVERS AND THE LIKE. LEONARD FOOTE, Pedro Miguel, Canal Zone. Filed Nov. 28, 1925. Serial No. 71,988. 5 Claims. (Cl. 173-263.)



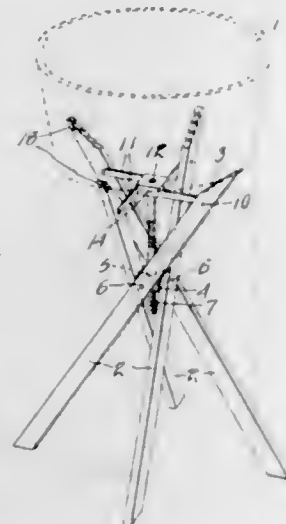
1. A connector for phone terminals comprising a plurality of sockets molded from a strip of resilient and non-conducting material, the sockets being connected by relatively thin webs of resilient material.

1,643,270. MAGNETO-ELECTRIC AUTOMATIC INTERRUPTER. MAX GREINER, Charlottenburg, Germany. Filed May 17, 1926, Serial No. 109,656, and in Germany May 26, 1925. 2 Claims. (Cl. 200-90.)



1. In a magneto-electric automatic interrupter for the delivery of mechanical oscillations, the combination with an operative oscillating part, of an oscillatory coupling member fixed to said part and having a lower natural frequency than the latter, a control contact on said coupling member, a resiliently mounted counter-contact for said control contact, and an additional mass on said counter-contact.

1,643,271. STAND FOR SUPPORTING WASHTUBS, TABLE TOPS, AND THE LIKE. HENRY A. HANSEN, Sturgeon Bay, Wis. Filed Mar. 15, 1926. Serial No. 94,920. 3 Claims. (Cl. 248-41.)



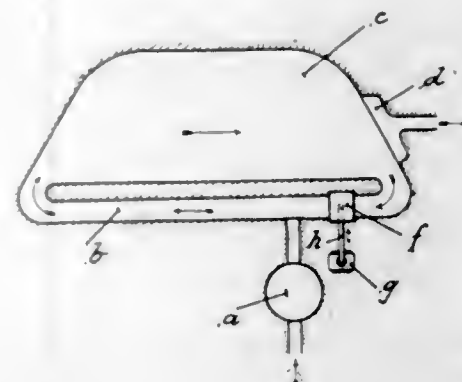
1. A folding stand including a plurality of supporting legs, a pivot block between the legs and to which the legs are pivotally attached, links pivoted to the legs,

a block to which the links are connected and having link-receiving cut-outs, and an adjusting member threaded into the pivot block and engageable with the block to which the links are connected.

1,643,272. PROCESS OF REFINING MINERAL OILS. THEODOR HELTHALER, Grauschatz, Germany, assignor to the Firm: Hugo Stinnes Riebeck Montan und Ölwerke Akt. Ges., Halle-on-the-Saale, Germany. Filed Aug. 1, 1925, Serial No. 47,607, and in Germany Jan. 28, 1925. 4 Claims. (Cl. 196-44.)

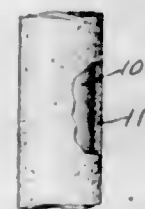
1. The process of refining mineral oils which consists in treating the oils at room temperature with titanium tetrahalid diluted by inert substances.

1,643,273. FISHPOND WITH SEWAGE SUPPLY. KARL IMHOFF, Essen, Germany. Filed Aug. 25, 1924. Serial No. 734,010. 1 Claim. (Cl. 210-2.)



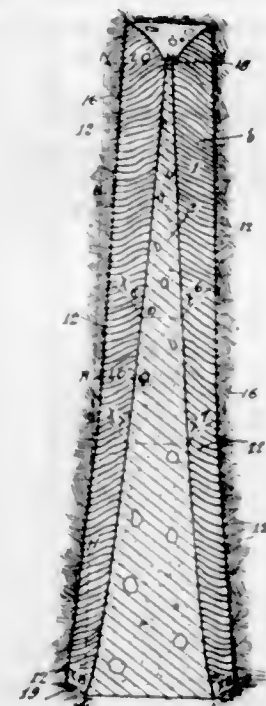
The combination, with a fish pond containing water, of a ditch at one side of the pond and at both ends in communication with the ends of the latter, a sewage supply to said ditch, an overflow outlet at one end of the pond, and means to create a continuous circulation through said ditch of the pond water and a dilution by the latter of the incoming sewage before its admission to the pond.

1,643,274. WELD ROD FOR ARC WELDING. CLIFFORD B. LANGSTROTH and GEORGE G. WUNDER, Milwaukee, Wis., assignors to A. O. Smith Corporation, Milwaukee, Wis., a Corporation of New York. Filed May 23, 1923. Serial No. 640,838. 4 Claims. (Cl. 219-8.)



1. A weldrod constituted as a metallic wire provided with a coating or covering of wood flour previously digested to remove its gas producing properties.

1,643,275. EXTERNALLY-REENFORCED CONSTRUCTION AND METHOD OF MAKING THE SAME. JAMES HENAY LEVERING, Los Angeles, Calif. Filed June 7, 1919. Serial No. 302,470. 27 Claims. (Cl. 61-30.)

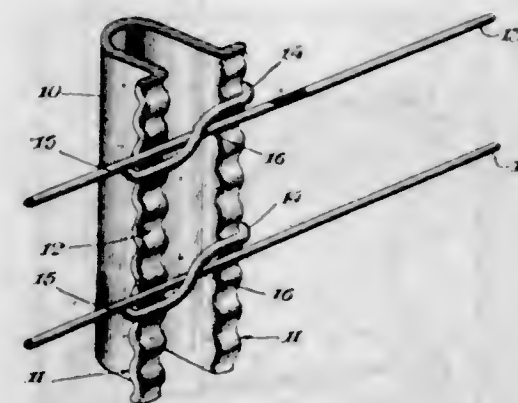


5. A structural unit comprising a core and a transversely concave and horizontally corrugated and ribbed metal face, the corrugations being embedded in the core.

1,643,276. PURIFIED ROSIN AND PROCESS OF PRODUCING THE SAME. WILLIAM BURNS LOGAN, De Quincey, La., assignor to Acme Products Company, Inc., New Orleans, La., a Corporation of Louisiana. Filed Apr. 21, 1926. Serial No. 103,652. 8 Claims. (Cl. 203-4.)

6. In the treatment of wood rosin, to render the same more suitable as a substitute for gum rosin, the herein described process which comprises heating the same to a temperature between approximately 300 and 325° C., until the "nigre" contained therein is rendered soluble in the solvents of rosin.

1,643,277. FENCE CONSTRUCTION. HERBERT G. THOMSON, New York, N. Y., assignor to Anchor Post Fence Company, Garwood, N. J., a Corporation of New Jersey. Filed Feb. 20, 1926. Serial No. 89,588. 3 Claims. (Cl. 256-57.)

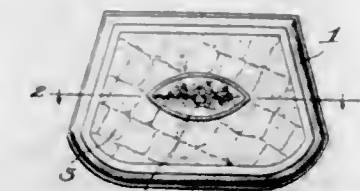


1. A metal fence post of general U shape in cross-section with a laterally extending reinforcing flange at the end of each leg, said flange being transversely corrugated and having a substantially straight outer edge when viewed from the open side of the U.

2. A metal fence post of general U shape in cross-section with a laterally extending reinforcing flange at

the end of each leg, the width and depth of the post being such as to provide legs whose adjacent faces are substantially parallel to each other for a substantial distance from the flanges to the bottom of the U, while the flanges extend at substantially right angles to said parallel portions, said flanges being corrugated throughout their entire width and of sufficient width to form seats for wire fasteners between the outer edges thereof and the inner faces of the legs.

1,643,278. VANITY CASE AND THE LIKE. FRANK M. WOJCIECHOWSKI, North Attleboro, Mass., assignor to Marathon Company, Attleboro, Mass. Filed Jan. 29, 1927. Serial No. 164,460. 6 Claims. (Cl. 41-34.)



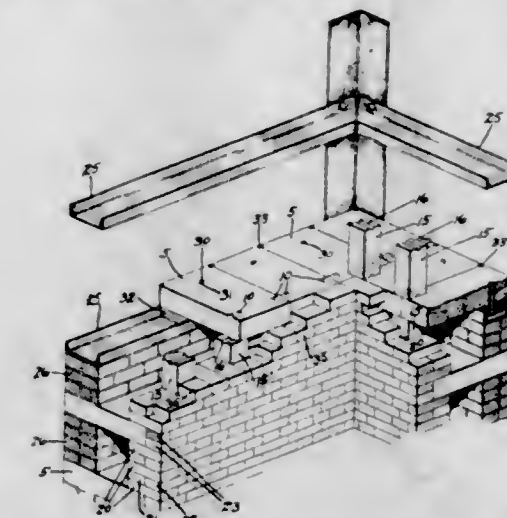
5. In a case, a side-forming plate having a depressed panel receiving part, a panel in the depressed part, and a central ornament superimposed on the panel and secured thereto.

1,643,279. HEATER ATTACHMENT FOR AUTOMOBILES. THEODORE KRESS and LOUIS J. KOCH, Fort Wayne, Ind., assignors of one-half to said Kress and one-half to said Koch. Filed Feb. 1, 1927. Serial No. 165,146. 3 Claims. (Cl. 98-2.)



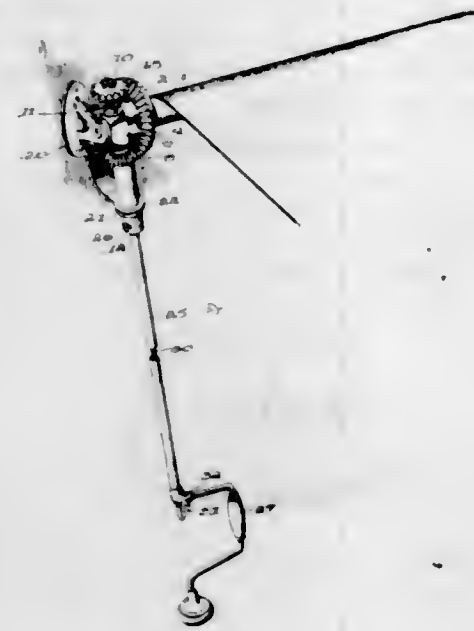
3. In combination with an automobile having a hot air supply duct, a case located within the seating compartment of the automobile and having communication with said duct, said case having two separate outlets; a damper controlling communication between said duct and case; and a partition within said case whereby air from said duct is discharged from said case into the seating compartment selectively through said outlets, or through both of said outlets accordingly as said damper is positioned.

1,643,280. HOLLOW FIRE-WALL CONSTRUCTION. MICHAEL LIPTAK, St. Paul, Minn. Filed Nov. 26, 1926. Serial No. 150,942. 19 Claims. (Cl. 72-102.)



1. A fire wall comprising superposed vertically spaced rows of shelf-forming headers, pilasters supporting and supported by said headers, and interlockingly engaged by their ends with the headers and fire bricks arranged between and upon the headers to form spaced walls.

1,643,281. AWNING-OPERATING DEVICE. HERMAN J. BAUMANN and JOHN F. BAUMANN, West New York, N. J. Filed Jan. 6, 1927. Serial No. 159,335. 6 Claims. (Cl. 156-44.)



1. An awning operating device, comprising a bevel-gear fast to the end of the awning roller, a bearing block forming a bearing and support for the end of the roller, a driven bevel-gear having a hollow hub journaled in said bearing block and meshing with the first gear, a rod slidable axially of the hub and fixed against independent rotation therein, a detent fixed on the end of said rod adapted to engage and lock the first bevel-gear against rotation, and removable extension means to engage and rotate the driving bevel-gear and shift the rod to disengage the detent from the first bevel-gear.

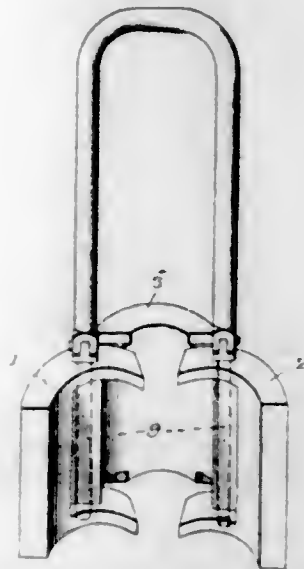
1,643,282. AWNING-OPERATING DEVICE. HERMAN J. BAUMANN and JOHN F. BAUMANN, West New York, N. J. Filed Jan. 6, 1927. Serial No. 159,336. 4 Claims. (Cl. 156-44.)



1. An awning operating device comprising a bevel-gear fast to the awning roller, a bearing block on which the roller is journaled, said block having a bracket engaging

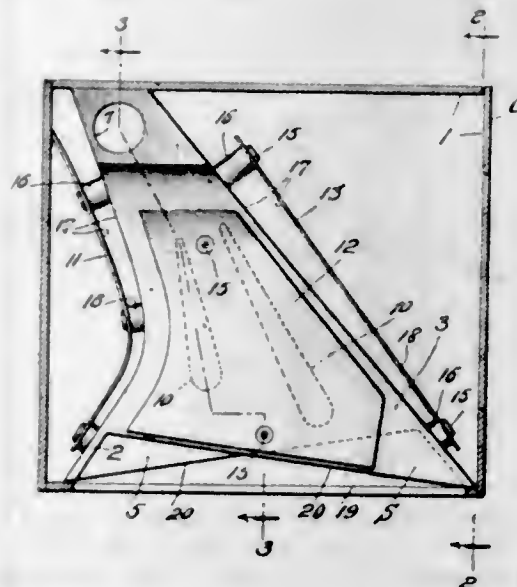
pinion, a driving bevel-gear journaled in said bearing block and meshing with the first gear, a bracket having a bearing slot for said pinion, said slot having a depression therein to be engaged by the pinion and cant the block out of the vertical, a detent carried by the bracket to engage and lock the driving gear when the bearing block is canted, and a handle engaging the hub of the driving gear to move the bearing block to vertical and operate said gear.

1,643,283. TUBING ELEVATOR FOR OIL WELLS. WALTER G. BISBEE and BEN P. HOFFMAN, Bristow, Okla. Filed Mar. 11, 1926. Serial No. 94,093. 3 Claims. (Cl. 294-91.)



1. In a tubing elevator including a body portion formed with upper and lower cut-out portions, a pair of pivoted jaw members having curved extensions adapted to seat on said cut-out portions, and a bale carrier having pivot pins extending through said extensions and through said body.

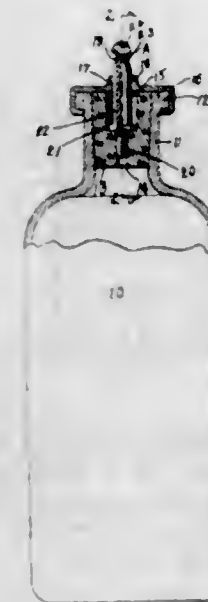
1,643,284. SOUND AMPLIFIER. CHARLES HILBERGER, New York, N. Y., assignor of forty-five per cent to Adolph A. Thomas, New York, N. Y. Filed Feb. 19, 1923, Serial No. 619,826. Renewed Apr. 27, 1926. 19 Claims. (Cl. 181-27.)



1. A sound-amplifier comprising walls arranged to form a substantially pyramidal sound chamber adapted to be connected with a source of sound, said walls being

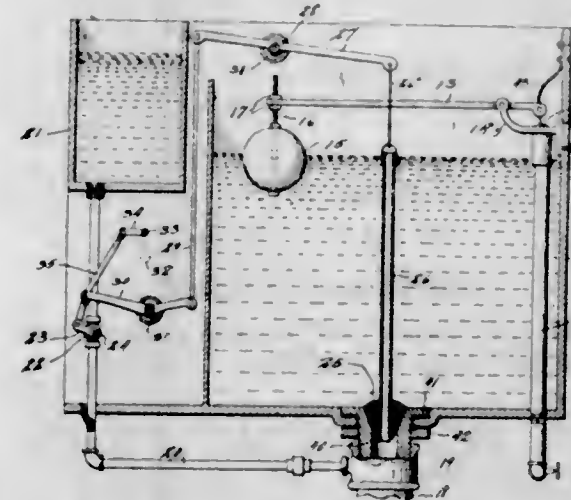
provided with sound openings, and vibratory panels arranged over said openings and spaced from said walls, said panels extending along said walls in the general direction thereof and permitting escape of sound waves laterally into the free air.

1,643,285. STOPPER AND SPRINKLER CAP FOR BOTTLES AND THE LIKE. GEORGE E. DAVIS, Des Moines, Iowa, assignor of forty-nine per cent to William Orem, Chicago, Ill. Filed May 10, 1926. Serial No. 107,971. 5 Claims. (Cl. 215-74.)



1. In combination with a neck of a bottle, a stopper and sprinkler cap comprising a member mounted in the neck having a central opening, a stem in the neck of the bottle having a part adapted to be received in said opening for closing it, a cap covering the upper edge of the bottle and spaced from the opening in said member, said stem extending through said cap, a guide element formed on said stem adapted to travel between said member and said cap when raised and lowered, said stem having a passageway formed therein above the part adapted to be received in said opening whereby the contents may be discharged through said cap when said last part is not received in said opening.

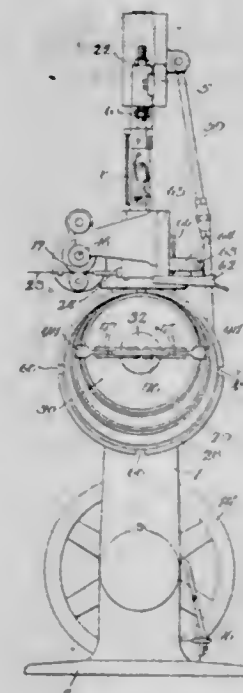
1,643,286. AUTOMATIC FLUSH TANK AND DEODORIZER. JOHN BRACHAM, Albuquerque, N. Mex. Filed June 19, 1926. Serial No. 117,106. 1 Claim. (Cl. 4-227.)



In combination with a flush tank provided at its bottom with a valve controlled outlet, a deodorizer tank mounted thereon and having a valve controlled pipe con-

nected with the outlet of the flush tank, a lever fulcrumed in the flush tank and having one end operatively connected with the outlet valve, a rocker lever fulcrumed in the flush tank below the deodorizer tank, means operatively connecting said levers together, a handle shaft journaled in the flush tank below the deodorizer tank and having its axis disposed parallel with the axis of pivotal movement of the rocker lever, said handle shaft being provided with an angularly disposed arm, an arm carried by the valve in the pipe which connects the deodorizer tank with the flush tank outlet, and a toggle link having angularly disposed end portions, one end portion being pivotally connected with the arm upon the handle shaft and the other end pivotally connected with the arm upon said valve stem, and one end of the rocker lever being pivotally connected with the toggle link substantially at the apex of the angle between the end portions thereof.

1,643,287. MACHINE FOR MAKING BASKETS. WALTER F. NEWHOUSE, Benton Harbor, Mich., assignor to Saranac Automatic Machine Corporation, Benton Harbor, Mich., a Corporation of Delaware. Filed Feb. 11, 1924. Serial No. 691,954. 31 Claims. (Cl. 1-13.6.)

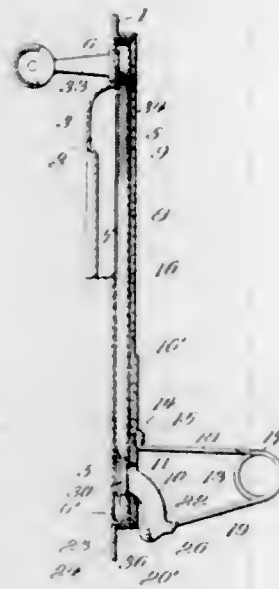


12. In a machine for making frusto-conical baskets, the combination of a frusto-conical rotary form having means thereon to position top and bottom inside hoops for the basket, with the smaller hoop in the bottom of the basket, means on said form to position staves in overlapping relation on said hoops, means to apply outside hoops to the basket, means to insert staples through said hoops and staves, said hoop positioning means serving also to clinch the staples, and means to rotate said form in timed relation to said stapling means.

1,643,288. OVEN DOOR. MINARD A. POSSON, Cleveland, Ohio, assignor to American Stove Company, St. Louis, Mo., a Corporation of New Jersey. Filed Apr. 12, 1926. Serial No. 101,565. 8 Claims. (Cl. 126-191.)

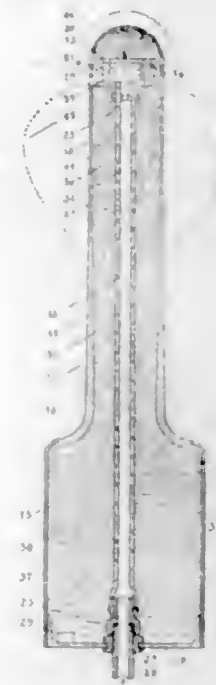
1. The combination of a door frame having a door seat with an open outer end at one side thereof, a door nor-

mally resting loosely on said seat, and an elongated substantially U-shaped normally expanding spring having one end supported independently of said door and its



opposite end attached to the door near its seat, said spring pulling inward and pressing down on the said door, whereby it acts as described.

1,643,289. SYRINGE. EMILE JOSEPH PEGLAY, New York, N. Y. Filed Oct. 10, 1921. Serial No. 506,934. 8 Claims. (Cl. 128-246.)



1. A syringe comprising an elastic nozzle, a permanent reinforcement consisting of a fluid introduced into the nozzle, a flexible injection passage surrounded by said permanent reinforcement, and means engaged thereto to supply and discharge an injection.

THE OFFICIAL GAZETTE OF THE United States Patent Office.

Vol. 362—No. 4.

TUESDAY, SEPTEMBER 27, 1927.

Price—\$10 per year.

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Total	1,108

Adverse Decisions in Interference.

In interferences involving the indicated claims of the following patents final decisions have been rendered that the respective patentees were not the first inventors with respect to the claims listed:

Pat. 1,516,614, H. G. MacLellan, Water gauges for auto radiators, decided August 17, 1927, claims 1, 2, 3, 5, 6, 11, and 15.

Pat. 1,576,768, W. P. Loudon, Voltage-regulator system, decided August 18, 1927, claims 3, 4, 5, and 6.

Notice of Cancellation.

U. S. PATENT OFFICE, Washington, Aug. 31, 1927.

Leo M. Baughman, his assigns or legal representatives, take notice:

A cancellation proceeding having been instituted by this Office upon the application of Lysol, Incorporated, Bloomfield, N. J., to effect the cancellation of the trademark registration of Leo M. Baughman, 147 South Western Avenue, Los Angeles, Calif., No. 108,949, dated August 31, 1915, and the notice of such proceeding sent by registered mail to the said Baughman at the said address having been returned by the post office as undeliverable, notice is hereby given that unless said Baughman, his assigns or legal representatives, shall enter an appearance therein within 30 days from the first publica-

tion of this order the cancellation will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.
M. J. MOORE,
Acting Commissioner.

Important Information.

In ordering manuscript copies much time will be saved if the order states specifically what is desired, viz:
Application as originally filed. (Petition, specification, oath, and drawings as received.) Application as amended. (Petition, specification, oath, and drawings with amendments entered.) Application as allowed. (Petition, specification, oath, and drawings as passed by the examiner for issue.) Original application. (Facsimile petition, specification, oath, and drawings at present time.) Specification as originally filed. (As received in Office.) Specification as amended. (With amendments entered.) Specification as allowed. (As passed by the Examiner for issue.) Original specification. (Facsimile at present time.) File-wrapper. (File-wrapper only.) File-wrapper and contents. (File-wrapper, contents of record, including photoprints of any tracings or of prints within file-wrapper. In patented-cases, printed copy of the specification and drawings of the patent is furnished.) Filed-wrapper, contents, and drawings. (File-wrapper and all of the contents of record, including photoprints of any tracings, exhibits, or prints within the file-wrapper. In pending cases, photoprints of the pending drawings only, omitting any canceled. If patented, copy of the specification and drawings of the patent being furnished, photoprints are not made of the original drawings unless specially ordered. If canceled drawings are wanted, they must also be specially ordered.) Assignment. (Give the liber and page of the record as well as the name of the inventor.) Printed publications in possession of the Office. (Give title and date of publication, also page and exact portion to be copied.) Orders for copies of any other records not mentioned above must state specifically the exact paper to be copied.

Renewal of Forfeited Cases.

A petition for the renewal of a forfeited application need not be signed by the inventor or assignee, but may be signed by the attorney.

A power of attorney in the original application authorizing an attorney to transact all business in the Patent Office in connection with the application construed to be of sufficient scope to include the signing of a petition for renewal and the subsequent prosecution of the application. (*Ex parte* Agee, 101 O. G., 1609.)

Change in Price of Official Gazette Publications.

The price of the OFFICIAL GAZETTE has been advanced, beginning March 1, 1927, to \$10.00 a year, which will not include the Annual Index.

The index hereafter will be published in two parts—one on patents, price \$1.00, and the other on trade-marks, price 50 cents.

Condition of Applications Under Examination at Close of Business September 16, 1927.

Room No.	(Total number of applications awaiting action, excluding Trade-Mark Division, 70,451; Trade-Mark Division, 1,849. Oldest new case, Jan. 18, 1927; oldest amended, Jan. 22, 1927. The dates given are 1927.)	DIVISIONS, EXAMINERS, AND SUBJECTS OF INVENTIONS.		Oldest new application and oldest action by applicant awaiting office action.		No. of applications awaiting action.
				New.	Amended.	
112	1. LOEFFLER, F. A., Closure Operators; Fences; Gates; Tillage; Scattering Unloaders.....			May 16	May 18	730
126	2. HADEN, C. F., Bee Culture; Dairy; Preserving; Presses; Tobacco.....			Apr. 25	Apr. 27	940
331	3. LINDSEY, A., Electric Heating; Electrochemistry; Heating; Metal Founding; Metallurgical Apparatus; Metallurgy; Metal Treatment; Plastic Metal Working.....			Apr. 9	May 5	1,602
234	4. MERRITT, A. D., Conveyers; Hoists; Handling Apparatus and Implements, and Pushing and Pulling.....			Feb. 5	Feb. 9	1,808
108*	5. MACNAB, J. F., Harvesters; Jewelry; Music; Acoustics; Sound Recording; Knotters.....					
318	6. LEWERS, A. M., Chemistry; Chemistry—Carbon Compounds; Substance Preparation.....			Mar. 28	Mar. 28	1,090
106	7. JARBOE, C. G., Amusement and Exercising Devices; Toys; Optics; Photography.....			Jan. 22	Jan. 28	1,737
133	8. HENRY, C. C., Beds; Chairs and Seats; Furniture; Kitchen and Table Articles; Store Furniture.....			Mar. 3	Mar. 3	1,497
221	9. ADAMS, R. E., Pumps; Fluid and Fluid-Current Motors.....			Mar. 18	Apr. 9	1,799
118	10. HUNTER, O. F., Land Vehicles—Animal Draft Appliances, Bodies and Tops.....			June 2	June 6	916
148*	11. ARMSTRONG, H. C., Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Hides, Skins, and Leather Manufactures; Nailing and Stapling; Whip Apparatus; Cutting and Punching Sheets and Bars.....			Mar. 5	Mar. 12	1,408
380	12. PIERCE, P. P., Machine Elements.....			Apr. 26	Apr. 21	970
154*	13. CLIFT, J. W., Bolt, Nail, Nut, Rivet, and Screw Making; Chain, Staple, and Horseshoe Making; Driven, Headed, and Screw-Threaded Fastenings; Gear Cutting, Milling, and Planing; Metal Drawing; Metal Forging and Welding; Metal Rolling; Metal Working; Needle and Pin Making; Turning; Boring and Drilling.....			Mar. 4	Mar. 14	1,326
				Mar. 3	Mar. 21	1,540
102*	14. BRUMBACH, N. J., Compound Tools; Farriery; Metal Bending; Metal Tools and Implements, Making; Sheet-Metal Ware, Making; Tools; Wire Fabrics and Structure; Wire Working; Metal Working; Assembling, and Blanks and Processes.....			Mar. 3	Mar. 2	1,454
329	15. REDROW, W. L., Glass; Paper Making; Plastic Block and Earthenware Apparatus; Plastics.....			Mar. 24	Mar. 30	1,721
242*	16. SPENCER, C. J., Batteries; Resistances and Rheostats; Telegraphy; Telephony.....			Apr. 28	May 20	851
307	17. RAFTER, G. S., Label Fastening and Paper Hanging; Nut and Bolt Locks; Ornamentation; Paper Manufactures; Printing; Type Casting; Sheet-Material Associating or Folding; Sheet or Web Feeding or Delivering; Type Setting.....			Mar. 4	Mar. 18	825
229	18. PORTER, M. E., Motors, Expandable-Chamber Type; Power Plants; Speed-Responsive Devices.....			Mar. 16	Mar. 16	1,009
236	19. GLASCOCK, E. S., Furnaces; Heating Systems; Liquid and Gaseous Fuel Burners; Stoves and Furnaces.....			May 27	May 24	1,006
179	20. GROVE, S. D., Miscellaneous Hardware; Closure Fasteners; Locks and Latches; Safes; Undertaking.....					
212	21. THURBER, W. L., Winding and Reeling; Textiles; Cloth Finishing.....			May 18	May 28	1,035
244*	22. COLWELL, J. H., Aeronautics; Amusement Devices, Games; Firearms, Ordnance, and Explosive Devices; Air Guns, Catapults, and Targets; Boats and Buoys; Ships; Marine Propulsion.....			Apr. 9	Apr. 2	1,096
217	23. GROESBECK, W. D., Coin Handling; Records; Registers; Horology; Time-Controlling Mechanism.....			Mar. 25	Apr. 5	1,089
				Mar. 2	Feb. 28	985
147*	24. DURAS, C. O., Apparel; Apparel Apparatus; Garment Supporters; Sewing Machines.....			Feb. 9	Feb. 16	1,125
314	25. LIGHTFOOT, J. H., Agitating; Bleaching and Dyeing; Butchering; Classifying Solids; Centrifugal Bowl Separators; Explosive, Pyrotechnic, and Match Compositions; Fertilizers; Mills; Sugar and Starch; Threshing; Vegetable and Meat Cutters and Comminutors.....			Mar. 21	Mar. 22	1,325
228*	26. HODGES, J. S., Electricity; Generation; Motive Power; Prime-Mover Dynamo Plants.....			Mar. 9	Mar. 8	992
214	27. ANDERSON, L. S., Brush, Broom, and Mop Making; Brushing, Scrubbing, and General Cleaning; Laundry; Washing Apparatus.....			May 6	May 14	922
225	28. BENSON, A. R., Internal-Combustion Engines.....					
160*	29. MORRIS, B. N., Abrading; Button Making; Coopering; Wheelwright Machines; Wood Sawing; Wood Turning; Woodworking; Woodworking Tools.....			Apr. 13	Apr. 13	1,163
248	30. SHIPMAN, J. L., Automatic Temperature and Humidity Regulation; Illuminating Burners; Illumination; Typewriting Machines; Thermostats and Humidistats.....			Feb. 23	Mar. 14	1,293
312	31. HOLMES, W. N., Alcohol; Ammonia, Water, and Wood Distillation; Charcoal and Coke; Gas, Heating and Illuminating; Hydraulic Cement and Lime; Mineral Oils; Oils, Fats, and Glue.....			Feb. 23	Apr. 8	1,202
349	32. BARTHOLOMEW, J. A., Gas and Liquid Contact Apparatus; Heat Exchange; Gas Separation.....			Feb. 26	Feb. 28	1,714
182	33. WYMAN, W. I., Bridges; Hydraulic and Earth Engineering; Masonry and Concrete Structures; Metallic Building Structures; Roads and Pavements; Roofs; Wooden Buildings.....					
304	34. SIMPSON, O. R., Electricity—Transmission to Vehicles; Pneumatic Dispatch; Railways, Rolling Stock, Switches, and Signals; Store Service; Vehicle Fenders.....			Apr. 14	Apr. 14	1,270
				May 16	May 18	1,589
116*	35. REYNOLDS, E. C., Buckles, Buttons, Clasps, Etc.; Card, Picture, and Sign Exhibiting; Signals and Indicators; Toilet.....			Mar. 7	Feb. 18	1,007
105	36. MORTON, O. L., Automatic Weighers; Geometrical and Measuring Instruments; Force Measuring.....			May 24	May 16	1,141
324*	37. WEAVER, M. E., Electricity, Circuit Makers and Breakers.....					
145	38. KRAFFT, C. F., Animal Husbandry; Earth Boring; Fishing, Trapping, and Vermin Destroying; Mining, Quarrying, and Ice Harvesting; Stoneworking; Wells.....			May 9	May 10	1,157
220	39. COWLES, A. W., Fluid-Pressure Regulators; Multiple Valves; Valves; Water Distribution.....			Mar. 7	Mar. 10	1,605
269	40. OBERLIN, J. J., Baggage; Bottles and Jars; Package and Article Carriers; Receptacles.....			Apr. 11	May 3	1,152
125	41. BROWN, J. L., Land Vehicles, Wheels, and Axles; Resilient Tires and Wheels; Wheel Substitutes.....					
223*	42. CUTTING, H. O., Electrical Conduits and Housings; Electric Signaling.....			Apr. 6	Mar. 10	975
124*	43. HOPKINS, F. M., Baths, Closets, Sinks, and Spitoons; Sewerage; Electricity, Medical and Surgical; Medicines; Surgery; Dentistry; Artificial Body Members; Railway Draft Appliances.....			Feb. 16	Mar. 24	2,403
				Apr. 4	Apr. 28	830
				Feb. 19	Feb. 19	1,528
				Apr. 2	May 4	1,126
253	44. SHAFFER, C. H., Dispensing; Dispensing Beverages; Filling and Closing Portable Receptacles; Refrigeration.....			Apr. 2	May 4	1,126
379	45. GILES, A. H., Pulleys and Shafting; Lubrication; Machine Elements; Bearings and Guides.....			Feb. 12	Mar. 2	1,331
233	46. WOLCOTT, C. L., Concentrating Evaporators; Fluid Sprinkling, Spraying, and Diffusing; Fire Extinguishers; Liquid Heaters and Vaporizers.....			May 2	May 2	981
264	47. BARKER, H., Brakes; Clutches and Power Stop Control; Elevators; Fluid-Pressure Brake and Analogous Systems; Motors; Spring Devices.....			Mar. 10	Mar. 10	1,105
213*	48. ROEPKE, O. B., Electricity, General Applications.....			Apr. 5	Apr. 4	1,678
239	49. EDINBURG, F. P., Check-Controlled Apparatus; Domestic Cooking Vessels; Fuel and Igniting Devices; Ventilation; Velocipedes; Driers; Liquid Separation or Purification.....					
322	50. BLAKE, C. L., Plastic and Liquid Coating Compositions; Coating; Laminated Fabrics.....			Mar. 17	Mar. 18	1,112
240*	51. BACKUS, C. D., Radiant Energy, Wave Transmission.....			Mar. 5	Mar. 19	1,139
144	52. MORGAN, E. T., Supports; Chucks; Fire Escapes; Ladders; Scaffolds; Railway Mail Delivery; Joint Packing; Pipe and Rod Joints or Couplings; Tool-Handle Fastenings.....			Apr. 7	Apr. 7	1,767
309	53. PECK, M. K., Books; Manifolding; Printed Matter; Stationery; Educational Appliances; Paper Files and Binders; Tents, Canopies, Umbrellas, and Canes; Curtains, Shades, and Screens.....			Mar. 2	Feb. 25	1,588
241*	54. LANE, C. H., Electric Lamps; Conductors; Vapor Electric Devices; Space Discharge Tubes.....			Apr. 21	May 4	1,287
				May 2	May 3	1,203
102	55. RICHARD, V. I. (Acting)—{Bread, Pastry, and Confection Making; Cutlery.....			Jan. 18	Jan. 22	1,950
	{Designs.....					
163	TRADE-MARKS, LABELS, AND PRINTS: F. A. RICHMOND (Trade-Marks, Labels and Prints.)			Mar. 2	Mar. 7	727
				July 25	Aug. 10	630
				Aug. 11	Aug. 30	1,596
				Aug. 19	Aug. 30	283

* Refers to room numbers in the annex.

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DECISIONS IN PATENT AND TRADE-MARK CASES.

Commissioner's Decision.

EX PARTE ARSEM.

Decided July 30, 1926.

1. PATENTABILITY—INVENTION—PROCESS OF EXTRACTING INULIN FROM PLANTS.

It being old to extract juices from plants, mechanically, *Held* that the use of such a process in extracting inulin from plants is not patentable.

2. SAME—SAME—SAME.

Where it was old to extract juices from plants mechanically, and also old to extract juices from inulin bearing plants by diffusion, *Held* that it was not invention to extract juices from inulin-bearing plants mechanically since it involved only selecting from well-known processes the one regarded as best suited for the particular material to be acted upon.

3. SAME—SAME—SAME—EQUIVALENCY OF PROCESSES.

Whether the mechanical and diffusion methods of separating juices from plants are equivalents is not controlling on the question of invention. Both being old, no invention was involved in selecting the one best suited for the particular material to be acted upon.

[Note.—This application has resulted in Patent No. 1,616,166, February 1, 1927.]

APPEAL from Examiners in Chief.

Application for patent for production of levulose filed March 29, 1920, Serial No. 369,537.

Messrs. Pennie, Davis, Marvin, and Edmonds for the applicant.

MOORE, Assistant Commissioner.

This is an appeal from the decision of the Examiners in Chief affirming the decision of the Examiner finally rejecting claims 1 to 4, inclusive, 11 and 16 to 19, inclusive.

The invention relates to the art of producing levulose from inulin-bearing parts of plants, and particularly to the production of levulose from the bulbs of the dahlia plants.

Claims 1, 11 and 16 may be quoted for illustrative purposes:

1. The process of extracting colloidal carbohydrates from plants and simultaneously separating the said carbohydrates from protective colloids contained in the tissues of the plants, which comprises separating the greater portion of the juice without substantial dilution from the fibre by mechanical means, without the use of heat.

11. The process of extracting inulin from plants which comprises separating the greater portion of the relatively concentrated juice from the fibre by mechanical means, heating the juice until insoluble impurities are precipitated therefrom and separating the precipitated impurities from the juice.

16. The process of extracting fructose from plants which comprises separating the juice from the fibre by mechanical means, adding a basic substance to the juice, heating the said juice until insoluble impurities are precipitated therefrom, separating the precipitated impurities from the juice, evaporating a portion of the water from the juice, allowing the inulin to precipitate from the liquid, separating the precipitated inulin from the liquid, hydrolyzing the inulin to fructose and separating the fructose from the solution.

The references are:

Stein (British), A No. 16,546 of 1904; Stein (British), No. 16,546 of 1904.

The appellant contends that the invention defined by claims 1 to 4 consists in the discovery that

inulin, a complex carbohydrate, can be extracted from plants in which it occurs, and simultaneously separated from protective colloids by simple mechanical extraction without substantial dilution and without the use of heat.

The appellant recognizes, of course, that it is within the prior art to mechanically extract juices from plant tissues by subjecting the plant structure to pressure, thereby expressing the juices, and without the use of solvents. As examples of this process he refers to the preparation of sugar from sugar cane, and to the manufacture of cider. He also refers to the well-known diffusion process such as illustrated in the sugar-beet industry.

The appellant contends that, as a general rule, one or the other of these processes may be applied to a particular substance,

but it is an exception where both can be applied with equal facility to the same substance;

that to the man skilled in the sugar art, for example, these two processes are sharply distinct and are not regarded as equivalents; that inulin has heretofore been extracted solely by the diffusion method; that applicant has gone directly contrary to the art in the use of mechanical extraction in the removal of inulin from inulin-bearing plants; and that by using this process applicant has found he obtains a much purer product due to the fact that the colloidal impurities are not removed from the plant.

The process defined by claim 1 when considered apart from the introductory clause, and certain negative statements occurring in the claim, comprises separating the greater portion of the juice from the fibre by mechanical means.

The negative statements included in the claims are to the effect that the separation of the juice from the fiber is effected "without substantial dilution," and "without the use of heat."

This claim is for the mere application of the old process of separating juices from vegetable fibers by mechanical means, which is of ancient origin, to inulin-bearing plants. The claim does not define any new mode of treating matter, nor any new result. The appellant applies the old mechanical process to the plant and obtains the extracted juices of the plant, as in the prior art. It has been repeatedly held that the mere application of an old process to a new subject is devoid of invention. *Brown v. Piper*, 91 U. S. 37. And in *Smith v. Nichols* (88 U. S. 112), it was held that the mere carrying forward, or a new or more extended application of the original thought; doing substantially the same thing in the same way by substantially the same means "with better results," is not such invention as will sustain a patent.

Claim 2 defines the same process as is defined by claim 1.

Claim 3 includes the step of moistening the residual fiber and again separating the liquid from the fiber. This is practiced generally in the prior art extracting processes where a more thorough separation is desired, even though the juices when separated from the fibers may be in a diluted state. As pointed out by the Examiner, such method is of common knowledge, and as an example he refers to Wurtz's Dictionnaire de Chimie, Tome II, Partie I, 1873.

Claim 11 calls for the mechanical separation of the juice from the fiber, and, in addition, the heating of the separated juice to precipitate impurities. This claim stands rejected on Wurtz.

The specific process defined by this claim for effecting separation of the juices from the fibers appears to be independent of the specific process for effecting precipitation of the impurities.

Claims 16 to 19 include the additional steps of hydrolyzing the purified inulin to fructose by acid treatment and then separating the fructose from the solution.

The essential steps of the appellant's process for producing fructose, a variety of levulose, are disclosed by the Stein patents. Stein first separates the juices of inulin-bearing plants, such as dahlia, from the fiber, purifies the juices, and then hydrolyzes the inulin to fructose. He mentions several ways by which the steps of his process may be practiced. There is nothing in the Stein patents to suggest that he contemplates confining the first step of his process to the diffusion method of separating the juices from the fiber. It is true that he describes this method, but he states:

In some cases the levulose may be produced direct from the pressed out juice of the bulbs or roots, the juice being treated with acid and converted into sugar direct, and further treated in the manner above set forth.

[2] Assuming, however, that Stein contemplates confining his invention to the diffusion method of separating the juices from the fiber, still the appellant's process as defined by the appealed claims would not be patentable, the mechanical method of separating the juices from the fiber being notoriously old. No invention was involved in selecting from well known processes the one which was regarded as best suited for the particular material acted upon. This is an act of judgment and not of invention.

[3] With respect to appellant's contention that the mechanical and diffusion methods of separation are not equivalents, it may be stated that the equivalency of the two methods is not controlling of the question of invention. Both being old, no invention was involved in making the selection as above indicated.

As to the purification of the juices, this is common practice in most all processes for making extracts from vegetable matter. Stein states that the infusion may be decanted, filtered, or centrifuged; or the heavy or solid part is separated from the liquid by any suitable means.

The decision of the Examiners in Chief is affirmed.

Court of Appeals of the District of Columbia.

IN RE BARD.

No. 1,814. Decided March 7, 1927.

INVENTION—CLAIMS UNPATENTABLE IN VIEW OF PRIOR ART.

Where applicant's device comprised a flexible train-pipe coupling for connecting the pipe lines of adjacent railroad cars, *Held* that the specific features defined in the claims do not cooperate in any new or unobvious manner to produce new or unexpected results, and all of the claims in the application are unpatentable in view of the prior art.

APPEAL from the Commissioner of Patents. Affirmed.

Mr. Paul Carpenter and Mr. J. T. Basseches for Bard.

Mr. T. A. Hostetler for the Commissioner of Patents.

Before MARTIN, Chief Justice, and ROBB and VAN ORSDEL, Associate Justices.

MARTIN, C. J.:

This is an appeal from a decision of the Commissioner of Patents rejecting all of the 20 claims in the appellant's application for a patent.

Appellant's device comprises a train-pipe coupling for connecting the pipe lines of adjacent railroad cars, consisting of sections of pipes provided with ball-and-socket joints to permit or allow for the relative movements caused by the swaying of the coupled cars. As shown by the drawing the pipe sections upon each car are coupled together by such joints and the combination is coupled to the train pipe by a similar joint, while the free end carries the head of the coupling device adapted to be united with a similar train-pipe coupling carried by the adjacent car. The appellant claims extreme flexibility for the device when functioning, also the characteristic of staying coupled under the most adverse conditions, freedom from steam hammer, and because of insulation freedom from possible freezing. He claims that the device is a new combination, which has produced results in practice sufficient to prove that it is a patentable invention.

The record discloses that the application received the careful consideration of the Primary Examiner, who rejected all of the claims upon the following references, to wit, Schreiber [No. 1,222,682] April 17, 1917; Martin, [No. 735,991] August 11, 1903; Greenlaw, [No. 812,202] February 13, 1906; McKim, [No. 516,216] March 13, 1894; the following references, to wit, Schreiber, [No. 1,278,567] September 10, 1918. The following patents were also referred to by the Examiner, to wit, Legat, [No. 390,240] October 2, 1888; Benson, [No. 602,821] April 26, 1898; Cote, [No. 422,296] February 25, 1890; and Moran, [No. 501,465] July 11, 1893.

The applicant appealed to the Board of Examiners in Chief, who affirmed the decision below, holding that all of the claims were unpatentable, tribunals, saying in part:

We do not believe that the specific features defined in appellant's claims cooperate in any new or unobvious manner to produce new or unexpected results but rather

view his claims as involving the substitution for certain parts of an old and well known combination, their equivalents shown in similar relations in other old and well known combinations.

An appeal was then taken to the Commissioner of Patents who affirmed the decision of the lower tribunals, saying in part:

All of these rejections are deemed sound for the reasons stated by the tribunals below. The specific applications of the references to each claim is given in the decision of the examiners-in-chief and need not be repeated here. . . . It is not believed that the claims are patentable over the cited art.

We have reviewed the record and are of the opinion that these decisions are correct, and in view of the careful explanations set out in them we do not find it necessary to enter into a detailed discussion of the case.

The decision of the Commissioner of Patents is accordingly affirmed.

Court of Appeals of the District of Columbia.

IN RE BARD.

No. 1,839. Decided March 7, 1927.

APPEAL from the Commissioner of Patents. Affirmed.

Mr. J. T. Basseches, Mr. Paul Carpenter, Mr. B. J. McCann, and J. H. McCann for Bard.

Mr. T. A. Hostetler for the Commissioner of Patents.

Before MARTIN, Chief Justice, and ROBB and VAN ORSDEL, Associate Justices.

MARTIN, C. J.:

This is an appeal from concurrent decisions of the tribunals of the Patent Office rejecting all of the 24 claims of the appellant's application for a patent.

This case was argued and submitted concurrently with No. 1,814, this day decided by us, and the same person being appellant in both cases, and the issues in both being similar in substance it is only necessary for us here to say that consistently with our conclusion in that case we affirm the decision of the Commissioner of Patents herein.

Court of Appeals of the District of Columbia.

CADICK MILLING COMPANY v. HAUCK MILLING COMPANY.

No. 1,934. Decided April 4, 1927.

TRADE-MARKS—INTERFERENCE—ORAL TESTIMONY.

Held that the oral testimony of two witnesses, unsupported by any documentary evidence, is insufficient to establish the use of the mark 60 years prior to the time the testimony was given.

APPEAL from Patent Office. Affirmed.

Mr. James Atkins for Cadick Milling Co.

Mr. H. A. Toulmin and Mr. H. A. Toulmin, jr., for Hauck Milling Company.

Before MARTIN, Chief Justice, and ROBB and VAN ORSDEL, Associate Justices.

ROBB, J.:

Appeal from a decision of the Commissioner of Patents in a trade-mark interference proceeding awarding priority of adoption and use of the word

"Snowflake", as a trade-mark for wheat flour, to the Hauck Milling Company, appellee here.

The Hauck Milling Company has conclusively established adoption and use of this mark since 1868. Supplementing the oral testimony, it produced contemporaneous documentary evidence of a convincing character. This documentary evidence, which includes a sales book kept when the business was founded by appellee's predecessor in title, is not challenged.

Appellant relies solely upon the testimony of two witnesses to establish an earlier date of adoption and use of this mark. One of these witnesses, about 90 years of age when he testified, stated that he was born and always lived at Grand View, Indiana, and remembered the erection of a flour mill there by a Mr. Wilbern. Asked when that was, he replied: "I think it was in 1858. Possibly about that time." He had never worked in the mill. He then was asked what kinds of flour the mill sold, and stated: "Well, I used the flour. I bought what they called Snow Flake put up in cotton sacks, mostly in barrels. Before that they retailed in cotton sacks here in the country, 50 pounds to a sack." He was also asked, "When did you begin to buy this flour?" And his answer was, "Soon as they made it. I couldn't give any date. I think in the fall of '58. I couldn't give the day of the month." He subsequently stated that the mill was run by Mr. Wilbern until his death. Asked when that was, he replied: "That was in 1832 or '83. I don't remember the date." On cross examination, he again was asked whether the mill made any other brands of flour, and answered: "I think they did, but I can't remember for I didn't use it."

Appellant's other witness, Henry Riley, was 70 years of age when he testified and also a resident of Grand View, having moved there in 1860. He testified that he went to work in the Wilbern mill in 1864 and that the mill then was making several brands of flour, including "Snow Flake." He was connected with the mill until 1883, the date when he thought the sale to Cadick took place.

Appellant introduced documentary evidence of sales from 1900 to the date when the testimony was taken, but there was no attempt either to introduce such evidence as to sales prior to that date or to account for the failure to do so. The evidence shows that the original mill was standing and that, for aught that appeared, the original Wilbern books were in existence and available.

We agree with the Commissioner that the unsupported testimony of these two old men, as to events occurring more than 60 years previously, is not sufficient to establish priority. *Gaines & Co. v. Rock Spring Distilling Co.*, 226 Fed. 531, 544; *American Stove Co. v. Detroit Stove Works*, 31 App. D. C. 304; *Barbed Wire Patent case*, 143 U. S. 275; *Eibel Co. v. Paper Co.*, 261 U. S. 45, 60. In the *Gaines* case, the court said of the testimony of witnesses as to prior use of the mark involved:

There is considerable volume of this testimony, but it consists almost wholly of unaided recollections of dates 40 years old; and it is that class of testimony which

by decisions familiar in patent cases, the Supreme Court has refused to accept. True, there is in a trade-mark case no initial presumption of validity to be overcome, but the principles for determining the evidential value of testimony cannot differ according to the subject-matter of the case.

The decision is right and is affirmed.

Affirmed.

Patent Suits.

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922.]

1,009,502, B. Goldman, Skylight, filed Aug. 8, 1927, D. C., E. D. Mich. (Detroit), Doc. 2136, *Superior Skylight Co., Inc.*, v. *C. H. Miles*.

1,058,542, S. L. Brown, Pipe coupling; 1,619,755, A. L. Parker, Tube coupling, filed July 25, 1927, D. C., N. D. Ohio (E. Div.), Doc. 2366, *A. L. Parker (The Parker Appliance Co.) v. A. J. Weatherhead, jr.*

1,117,980, A. H. Cruse, Casting box, filed Apr. 18, 1923, D. C., S. D. N. Y., Doc. E 26/252, *R. Hoe & Co. v. Goss Printing Press Co.* Dismissed (notice dated Aug. 10, 1927).

1,156,122, J. C. Woodley, Fibrous composition and process of manufacture, filed Aug. 5, 1927, 1st Cir., Doc. 2150, *The Richardson Co. et al. v. Hood Rubber Co.*

1,160,212, A. H. Symons, Clamp for concrete forms, filed July 1, 1927, D. C., N. D. Ill. (E. Div.), Doc. 7247, *Symons Clamp & Mfg. Co. v. M. L. Weiner et al.*

1,210,502, W. H. Lutton, Greenhouse, filed Dec. 3, 1923, D. C., S. D. N. Y., Doc. E 28/78, *W. H. Lutton Co. v. Lord & Burnham Co.* Order on mandate, sustaining patent, and granting injunction (notice dated Aug. 6, 1927).

1,228,350, G. R. Rich, Tappet for internal-combustion engines; 1,496,131, same, Tappet, filed July 18, 1927, D. C., N. D. Ill. (E. Div.), Doc. 7256, *Rich Steel Products Co. v. R. H. Collins Automobile Co.*

1,230,479, W. P. Grelick, Self-preserving acid-milk product and making the same; 1,272,035, same, Milk-food product and making the same, filed Aug. 3, 1927, D. C. Nebr. (Omaha), Doc. E 865 *Grelick-Hovey Patent Co. v. Harding Creamery Co.*

1,262,860, S. B. Smith, Incubator, filed Aug. 3, 1927, D. C. Nebr. (Omaha), Doc. E. 866, *S. B. Smith et al. v. L. M. Porter et al. (Omadale Hatchery & Poultry Farm.)*

1,272,035. (See 1,230,479.)

1,273,703, M. J. Whelan, Closet seat, filed Aug. 8, 1927, D. C. Conn. (New Haven), Doc. 1917, *The Brunswick-Balke-Collender Co. v. The Seamless Rubber Co., Inc.*

1,307,733, A. V. Gullborg, Lubricating apparatus; 1,307,734, same, Lubricating means, filed Oct. 23, 1925, D. C. Ind. (Indianapolis), Doc. 947, *The Bassick Mfg. Co. v. The Gibson Co.* Patents held valid, claims 3, 4, and 5 of 1,307,733, and claims 1, 2, 3, 4, 6, 8, 14, and 15 of 1,307,734 infringed, injunction granted, July 11, 1927. Same, filed Aug. 4, 1927, D. C. Conn. (New Haven), Doc. E 1916, *The Bassick Mfg. Co. v. New Britain Machine Co.*

1,307,734 (a), A. V. Gullborg, Lubricating means; 1,475,980, O. Zerk, Lubricating apparatus, filed July 23, 1927, D. C., N. D. Ill. (E. Div.), Doc. 7276, *The Bassick Mfg. Co. v. The Vesuvius Corp.*

1,307,734 (b). (See 1,307,733.)

1,383,306, R. P. Jacques, Connector for lubricating apparatus, filed Aug. 15, 1927, D. C., S. D. N. Y., Doc. E 42/335, *Adams Lubricating Device, Inc., et al. v. Bassick Alomite Service Corp.*

1,385,839, L. Lewitt, Two-piece watch casing, filed Aug. 4, 1927, D. C., S. D. N. Y., Doc. E 42/308, *L. Lewitt & Co., Inc. v. Bulova Watch Co., Inc.*

1,411,231, M. L. Weiss, Vulcanization accelerator, filed Aug. 13, 1927, D. C., N. D. Ohio (E. Div.), Doc. 2373, *Dovan Chemical Corp. v. Firestone Tire & Rubber Co.*

1,421,022, N. Mollet, Advertising sign, filed Aug. 10, 1927, D. C., S. D. Ohio (W. Div.), Doc. E 482, *The Massillon-Cleveland-Akron Sign Co. v. The Progress Sign Co.*

1,432,280, F. H. Doub, Method of making hats, filed June 25, 1927, D. C., S. D. N. Y., Doc. E 42/124, *W. Hirsch (W. Friedman) v. J. F. Conway*. Dismissed on merits, Aug. 3, 1927. Doc. E 42/125, *W. Hirsch (W. Friedman) v. New York Merchandise Co., Inc.* Dismissed on merits, Aug. 3, 1927.

1,475,980. (See 1,307,734 (a).)

1,477,883, H. C. Pfister, Arch support, filed Aug. 5, 1927, D. C., S. D. Ohio (W. Div.), Doc. E 481, *The Scholl Mfg. Co., Inc. v. The Jung Arch Brace Co., Inc.*

1,496,131. (See 1,228,350.)

1,511,078, L. Schwartzberg, Cellular carton; 1,539,875, same, Carton or box, filed July 21, 1927, D. C., N. D. Ill. (E. Div.), Doc. 7275, *L. Schwartzberg v. Automatic Carton Co.*

1,539,534, I. D. Ansell, Vehicle ventilator, filed Nov. 16, 1925, D. C., N. D. Ohio (Toledo), Doc. E 599, *I. D. Ansell et al. v. Lima Sheet Metal Products Co.* Dismissed without prejudice, Aug. 9, 1927.

1,539,875. (See 1,511,078.)

1,586,282, F. L. Bryant, Granulating mill; 1,621,869, same, Method of granulating dry materials, filed July 13, 1927, D. C., N. D. Ill. (E. Div.), Doc. 7253, *F. L. Bryant v. Grindle Fuel Equipment Co. et al.*

1,590,921, T. H. Wittliff, Fastening device, filed July 30, 1927, D. C., N. D. Ill. (E. Div.), Doc. 7279, *T. H. Wittliff et al. v. Everlasting Furniture Brace Co. et al.*

1,600,723, C. H. Egelhoff, Process of forming an artistic paint finish, filed Aug. 10, 1927, D. C., S. D. Ohio (E. Div.), Doc. 536, *C. H. Egelhoff v. R. Emrich*.

1,609,409, B. J. Hubbard, Vehicle ventilator, filed July 12, 1927, D. C. Ind. (Indianapolis), Doc. 1062, *Hubbard Products Co. v. The Kokomo Automotive Mfg. Co.*

1,619,755. (See 1,058,542.)

1,621,869. (See 1,586,282.)

1,632,371, G. W. Gilman, Pencil, filed Aug. 13, 1927, D. C. R. I., Doc. 277, *The Parker Pen Co. v. Rca Mfg. Co.*

1,635,115, Deutsch & Pfeiffer, Apparatus for cleaning containers and the like, filed Aug. 18, 1927, D. C., N. D. Ohio (E. Div.), Doc. 2375, *Guarantee Liquid Measure Co. et al. v. Merit Oil Equipment Co.*

1,637,322, M. Well, Sound reproducer, filed Aug. 5, 1927, D. C., S. D. N. Y., Doc. E 42/312, *M. Well et al. v. Symphonio Sales Corp.*

T. M. 102,843, Ralston Purina Co., Dairy feed, filed July 5, 1927, D. C. Ariz. (Phoenix), Doc. E 169, *Ralston Purina Co. v. The Southwestern Packing Co., Inc.*

T. M. 151,001, Walker Motor Car Specialties Co., Motor vehicle steering-wheel lock, appeal filed Aug. 6, 1927, C. C. A. (4th Cir.), Doc. 2659, *Goodyear Tire & Rubber Co. v. T. E. Robertson*.

Des. 50,624, L. Klima, Ventilator, appeal filed Aug. 1, 1927, 8th Cir. (St. Louis), Doc. 7919, *King Ventilating Co. v. St. James Ventilating Co. et al.*

Des. 70,242, M. Simson, Jewelry setting, filed Aug. 8, 1927, D. C., S. D. N. Y., Doc. E 42/315, *Simson Bros., Inc. v. Karlan & Bleicher, Inc.* Same, filed Aug. 16, 1927, D. C., S. D. N. Y., Doc. E 42/336, *Simson Bros., Inc. v. Herpers Bros. Inc.* Doc. E 42/337, *Simson Bros., Inc. v. H. Ackerman et al. (J. C. Nordt).*

TRADE-MARKS

OFFICIAL GAZETTE, SEPTEMBER 27, 1927.

[Vol. 362. No. 4.]

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication.

Marks applied for "under the ten-year proviso" are registrable under the provision in clause (b) of section 5 of said act as amended February 18, 1911.

As provided by section 14 of said act, a fee of ten dollars must accompany each notice of opposition.

CLASS 1.

RAW OR PARTLY-PREPARED MATERIALS.

Ser. No. 213,491. DIAMOND SAND COMPANY, Lake Wales, Fla. Filed Apr. 29, 1925.



The mark consists of a diamond-shaped figure bounded by red lines, together with the word "Diamond" shown in red within the figure. No claim is made to the words "Quality," "Service," and "Sand" apart from the mark shown in the drawing.

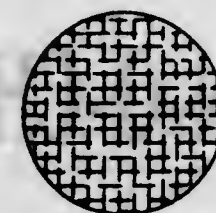
Particular description of goods.—Concrete Sand.
Claims use since Mar. 1, 1925.

Ser. No. 235,677. BAEDER ADAMSON COMPANY, Boston, Mass. Filed Aug. 7, 1926.

BAGO

Particular description of goods.—Fish Isalglass.
Claims use since May 15, 1926.

Ser. No. 247,951. GRATON & KNIGHT COMPANY, Worcester, Mass. Filed Apr. 25, 1927.



The trade-mark comprises a relatively small gold spot.
Particular description of goods.—Sole Leather.
Claims use since Apr. 8, 1927.

Ser. No. 252,430. GRIGGS, COOPER & COMPANY, St. Paul, Minn. Filed July 22, 1927.

Home

Particular description of goods.—Hops.
Claims use since 1877.

Ser. No. 252,697. FEVRE & CIE., Paris, France. Filed July 29, 1927.

MONTROYAL

Particular description of goods.—Uncut Rock and Marble.
Claims use since May, 1927.

CLASS 2.

RECEPTACLES.

Ser. No. 253,510. THE NORTHWESTERN COOPERAGE & LUMBER COMPANY, Gladstone, Mich. Filed Aug. 15, 1927.

Jiffycase

Particular description of goods.—Plywood Shipping Cases.
Claims use since Sept. 1, 1926.

CLASS 3.

BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKET-BOOKS.

Ser. No. 253,412. PHILIP FLORIN, New York, N. Y. Filed Aug. 13, 1927.

REMOVA - PASS

All rights to the use of the word "Pass" aside from the mark as shown are disclaimed.

Particular description of goods.—Card Cases Made of Leather or Reptile Skins.
Claims use since July 1, 1927.

Ser. No. 253,424. THE MICHIGAN BOOK BINDING COMPANY, Detroit, Mich. Filed Aug. 13, 1927.

Briefolio

Particular description of goods.—Combination Brief Cases and Portfolios.
Claims use since Feb. 2, 1927.

CLASS 4.

ABRASIVE, DETERGENT, AND POLISHING MATERIALS.

Ser. No. 250,815. NORMAN D. OLSEN, doing business as Alumin-Aid Products Company, Chicago, Ill. Filed June 20, 1927.

ALUMIN-AID

Particular description of goods.—Cleaners and Polishers for Kitchen Utensils Made of Aluminum and the Like.
Claims use since May 1, 1927.

Ser. No. 251,874. FRANK CHARLES TARPLEY, doing business as Serra Products Co., Los Angeles, Calif. Filed July 11, 1927.

STA-ON

Particular description of goods.—Automobile Top Dressing.
Claims use since Feb. 26, 1927.

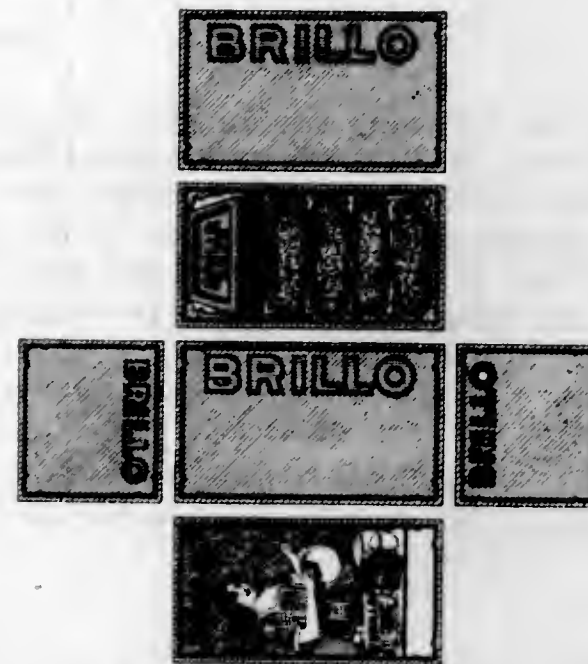
Ser. No. 251,908. C. M. KIMBALL COMPANY, Winthrop, Mass. Filed July 12, 1927.

RED CAP

The lining in the drawing is for the purpose of shading only.

Particular description of goods.—Window Wash.
Claims use since June 22, 1927.

Ser. No. 252,461. BRILLO MANUFACTURING COMPANY, Brooklyn, N. Y. Filed July 23, 1927.



No registration rights are claimed for the word "Soap" or the representation of a carton. The drawing is lined to indicate the color red on a green background.

Particular description of goods.—Soaps, Cleaning, Scouring, and Polishing Wads, Pads, Rolls, and Cloths of Abradant Nature for Removing Foreign Matter from Metal and Other Surfaces.

Claims use since Aug. 15, 1924.

Ser. No. 252,804. WHITE & HODGES, Everett, Mass. Filed July 30, 1927.

PENETROL

Particular description of goods.—Oils for Treating Leather.

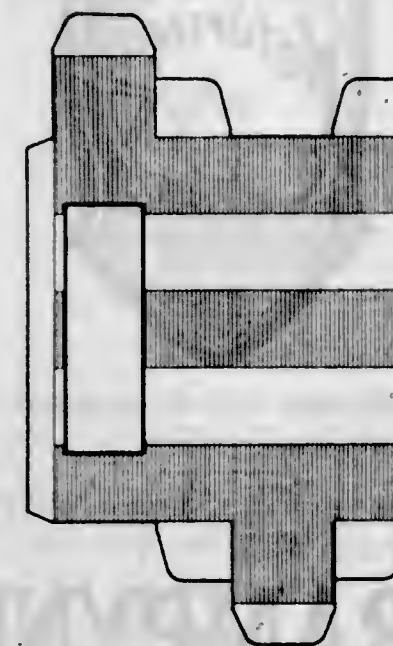
Claims use since June, 1924.

Ser. No. 252,955. FRANK A. GARBUTT, Los Angeles, Calif. Filed Aug. 3, 1927.

"ECON-O-CHEM"

Particular description of goods.—China Cleanser.
Claims use since May 21, 1927.

Ser. No. 253,090. GILMONT PRODUCTS CORPORATION, New York, N. Y. Filed Aug. 5, 1927.



The lining in the drawing indicates the color red. No claim is made to the representation of the carton.

Particular description of goods.—Soaps in Liquid, Cake, Stick, Cream, and/or Powder Form.
Claims use since May 9, 1927.

CLASS 6.

CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.

Ser. No. 228,101. FRATELLI RAMAZZOTTI, SOCIETA ANONIMA, Milan, Italy. Filed Mar. 4, 1926.



The lines shown in the drawing indicate shading and not any particular color scheme. Applicant disclaims the right to the exclusive use of the word "Amaro" apart from the mark shown in the drawing.

Particular description of goods.—Tonics and Remedies for Headaches, Indigestion, and General Debility.
Claims use since about 1914.

Ser. No. 236,489. IODENT CHEMICAL COMPANY, Detroit, Mich. Filed Aug. 26, 1926.

No. 3
FOR TEETH
Easy
TO WHITEN

No claim is made to the words "For Teeth Easy to Whiten" apart from the mark as shown.
Particular description of goods.—Tooth Paste.
Claims use since Aug. 1, 1926.

Ser. No. 236,490. IODENT CHEMICAL COMPANY, Detroit, Mich. Filed Aug. 26, 1926.

No. 4
FOR TEETH
Hard
TO WHITEN

No claim is made to the words "For Teeth Hard to Whiten" apart from the trade-mark as shown.
Particular description of goods.—Tooth Paste.
Claims use since Aug. 1, 1926.

Ser. No. 242,605. M. NAER & Co., Geneva, Switzerland. Filed Jan. 10, 1927.

CEDAROME

Particular description of goods.—Artificial and Synthetic Perfumes and Essential Oils for the Production of Perfumes.
Claims use since Sept. 1, 1926.

Ser. No. 242,606. M. NAEF & Co., Geneva, Switzerland. Filed Jan. 10, 1927.

EXALTONE

Particular description of goods.—Artificial and Synthetic Perfumes and Essential Oils.
Claims use since Oct. 9, 1926.

Ser. No. 244,813. HERBERT BOONE, New York, N. Y. Filed Feb. 24, 1927.



No claim is made to the words "Hair Dressing," "Men," "Women," and "Children" apart from the mark shown on the drawing.

Particular description of goods.—Hairdressing Compound.
Claims use since February, 1923.

Ser. No. 247,583. WORLD'S DISPENSARY MEDICAL ASSOCIATION, Buffalo, N. Y. Filed Apr. 16, 1927.

GMD

Particular description of goods.—General Tonic in Liquid Form and Also in Tablet Form.
Claims use since Nov. 8, 1926.

Ser. No. 247,584. WORLD'S DISPENSARY MEDICAL ASSOCIATION, Buffalo, N. Y. Filed Apr. 16, 1927.

FP

Particular description of goods.—General Tonic in Liquid Form and Also in Tablet Form.
Claims use since Sept. 30, 1926.

Ser. No. 248,083. ARTHUR I. BERNHARD, Huntington Station, N. Y. Filed Apr. 28, 1927.

KOLD KILLERS

Particular description of goods.—Cold Tablets.
Claims use since Jan. 1, 1924.

Ser. No. 248,157. CLARKS PRODUCTS, INC., Binghamton, N. Y. Filed Apr. 29, 1927.



Particular description of goods.—Face Creams.
Claims use since Jan. 21, 1927.

Ser. No. 250,031. BEULAH L. MOSHER, doing business as Crampyne Co., St. Louis, Mo. Filed June 4, 1927.

CRAMPYNE

Particular description of goods.—Medical Compound for Use in Relieving Painful Menstruation, Uterine Irritation, Abdominal Cramps, and Spasms Due to General Uterine Disorders.

Claims use since May 24, 1927.

Ser. No. 250,944. SHAFER PHARMACAL COMPANY, Philadelphia, Pa. Filed June 22, 1927.



The representation of the bottle and term "Seven Drops" are disclaimed apart from the mark shown in the drawing.

Particular description of goods.—Medicinal Preparations for Use in the Treatment of Rheumatism, Lumbago, Gout, Uric Acid, Kidney and Bladder Trouble.

Claims use since Oct. 19, 1924.

Ser. No. 251,180. THE DUBARRY PERFUMERY CO., LIMITED, Hove, England. Filed June 27, 1927.

SHALIMAR

Particular description of goods.—Preparation for Whitening and Softening the Hands, Cuticle Solvent, Cuticle Cream, Nail Polishing Crayon, Nail-Cleansing Fluid, Hand Lotion, Liquid Nail Polish, Nail Cream, and Nail-Polishing Powder.

Claims use since July 28, 1916.

Ser. No. 251,869. SERVICE GROCER COMPANY, INC., Detroit, Mich. Filed July 11, 1927.

SERVICE BOY



Particular description of goods.—Lye, Salt, Chloride of Lime, Sal Soda, Vegetable Coloring, Baking Powder, and Baking Soda.

Claims use since September, 1925.

Ser. No. 251,929. THE PYRODENTO COMPANY, Baltimore, Md. Filed July 12, 1927.

Tyrodento

Particular description of goods.—Tooth Paste and a Liquid Antiseptic Used for the Treatment of Pyorrhea Alveolaris (Riggs' Disease), Sore Throat, Cuts, Burns, and Diseases of the Skin, and as a Mouth Wash.

Claims use since Oct. 1, 1905.

Ser. No. 252,200. GRAVES & MEADE & BAKER COMPANY, New York, N. Y. Filed July 18, 1927. Under 10-year proviso.

CARBOLIC MOUTH WASH

Particular description of goods.—Mouth Wash.
Claims use since about Jan. 1, 1867.

Ser. No. 252,316. NOAH T. COUNTS, Cocoa, Fla. Filed July 20, 1927.

DR. COUNTS REFRIGERATING LOTION



Noah T. Counts M.D.

Applicant disclaims the exclusive right to the use of the words "Refrigerating Lotion" apart from the mark shown. The representation of the person given in the

drawing is intended to be that of the applicant, and the signature represented therebelow is a facsimile of applicant's signature.

Particular description of goods.—Medicinal Preparation for the Treatment of Skin Diseases—Namely, an Antiseptic and Parasiticide for Superficial Skin Conditions.

Claims use since May 2, 1927.

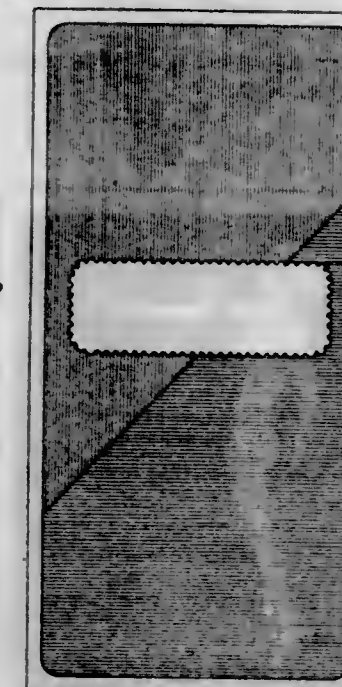
Ser. No. 252,594. PERC EDWARDS, doing business as Industrial Refining Company, New York, N. Y. Filed July 27, 1927.

ENGINEITE

Particular description of goods.—Preparation for the Purpose of Preventing the Formation of Rust and Corrosion in the Metal Parts of Automobile Cooling Systems and the Prevention of Overheating in Automobile Cooling Systems.

Claims use since about Aug. 1, 1926.

Ser. No. 252,624. STANDARD OIL COMPANY, Whiting, Ind., and Chicago, Ill. Filed July 27, 1927.



The vertical lines on the drawing indicate red, the horizontal lines indicate blue, and the portion of the drawing on which no lining appears indicates white.

Particular description of goods.—Insecticides.

Claims use since May 12, 1926.

Ser. No. 252,902. FRANCES GLATZER, New York, N. Y. Filed Aug. 2, 1927.

KLEEN-O-PORE

The words "Kleen" and "Pore" I hereby claim only in connection with the other features of the mark.

Particular description of goods.—Liquid Cold-Cream Remover Applied as a Wash Astringent.

Claims use since May 1, 1927.

Ser. No. 253,036. JOHN S. NANGLE, doing business as Compound Chemical Company, Baltimore, Md. Filed Aug. 4, 1927.

SHUR-OUT

Particular description of goods.—Powdered Chemical for Extinguishing Fires.

Claims use since May 1, 1927.

Ser. No. 253,108. PARFUMERIE ODETTE, INC., New York, N. Y. Filed Aug. 5, 1927.



Particular description of goods.—Perfumes.
Claims use since about June 21, 1927.

Ser. No. 253,221. AMORSKIN CORPORATION, New York, N. Y. Filed Aug. 9, 1927.



Particular description of goods.—Face Cream.
Claims use since May, 1927.

Ser. No. 253,262. DAVID BADNER, doing business as Parfumerie Davette, Baltimore, Md. Filed Aug. 10, 1927.

Davette's

Particular description of goods.—Cold Cream, Vanishing Cream, Mentholated Vanishing Cream, Massage Cream, Toilet Waters, Eau de Quinine, Bay Rum, Brillantine (Liquid), Brillantine (Solid), Liquid Shampoo, Tonic Brillantine, and Perfumery.
Claims use since Feb. 19, 1926.

Ser. No. 253,331. LIVERMEAL CORPORATION, Wilmington, Del., and New York, N. Y. Filed Aug. 11, 1927.

PHOS-HEPATIC

Particular description of goods.—Tonic for Use in the Treatment of Anemia, Impaired Nutrition, and Various Forms of Debility.

Claims use since Nov. 1, 1926.

Ser. No. 253,341. U. S. SANITARY SPECIALTIES CORPORATION, Chicago, Ill. Filed Aug. 11, 1927.

NEUTRODOR

Particular description of goods.—Deodorants and Disinfectants.

Claims use since June 3, 1924.

Ser. No. 253,342. U. S. SANITARY SPECIALTIES CORPORATION, Chicago, Ill. Filed Aug. 11, 1927.

PYNTREE

Particular description of goods.—Disinfectant, Germicide, and Deodorant.

Claims use since Feb. 20, 1925.

Ser. No. 253,373. HULLYARD CHEMICAL COMPANY, St. Joseph, Mo. Filed Aug. 12, 1927.

HI-KO

Particular description of goods.—Disinfectant.
Claims use since May 26, 1927.

Ser. No. 253,392. JULIUS SCHMID, INC., New York, N. Y. Filed Aug. 12, 1927.

SANTRO

Particular description of goods.—Astringents, Astringent Cerates, Bleach Creams, Beauty Creams, Cold Creams, Cleansing Creams, Obesity Creams, Refreshing Creams, Obesity Astringents, Dry Rouges, Liquid Rouges, Face Bleaches, Face Packs, Eyebrow and Eyelash Grower, Eye Drops, Hand Lotions, Skin Lotions, Face Powders, Talcum Powders, Sachets, Hair Salves, Hair Elixirs, Hair Tonics, Hair Oils, Shampoos, Hair Dyes, Bath Salts, Smelling Salts, Lip Sticks, Incense, Tooth Powders, Mouth Washes, Dentifrices, Tooth Pastes, Nail Powders, Nail Creams, Nail Bleaches, Witch-Hazel, Peroxide, Petroleum Jellies, Witch-Hazel Salves, Camphor Creams, Foot Powders, Deodorants, Disinfectants, Aspirin, Bay Rum, Perfumes, and Toilet Waters.

Claims use since Aug. 1, 1927.

Ser. No. 253,472. INDEPENDENT COAL TAR COMPANY, Boston, Mass. Filed Aug. 15, 1927.

KILZALL

Particular description of goods.—Insecticide.
Claims use since July 26, 1927.

Ser. No. 253,478. M. NAEF & Co., Geneva, Switzerland. Filed Aug. 15, 1927.

"MAGNOLYS"

Particular description of goods.—Artificial and Synthetic Perfumes and Essential Oils for the Production of Perfumes.

Claims use since Feb. 2, 1926.

Ser. No. 253,566. JESSE O. BIZZELL, Clinton, N. C. Filed Aug. 17, 1927.

Gravve

Particular description of goods.—Medicinal Preparation for the Treatment of Kidney and Gravel Stones.
Claims use since Aug. 10, 1927.

Ser. No. 253,655. NORDA ESSENTIAL OIL & CHEMICAL CO., INC., New York, N. Y. Filed Aug. 18, 1927.

NORDOIL

Particular description of goods.—Face Powders, Face Creams, Toilet Waters, Rouges, Perfumes, Hair Tonics, Hair Oils, Dentifrices, Tooth Powders, Nail Polishes, Deodorizing Preparations, Sachet Powders, Essential Aromatic Oils Suitable for Perfuming Purposes, Aromatic Chemicals Suitable for Perfuming Purposes, and Aromatic Tinctures Suitable for Perfuming Purposes.
Claims use since Oct. 15, 1924.

Ser. No. 253,665. JOSEPH RUNCI, doing business as Joseph Runci & Sons Co., Roxbury, Mass. Filed Aug. 18, 1927.

VEG-A-TONE

Particular description of goods.—Hair Tonic.
Claims use since May 23, 1927.

Ser. No. 253,741. CONTINENTAL CHEMICAL CORPORATION OF ILLINOIS, Watseka, Ill. Filed Aug. 20, 1927.

YELLOW DEMON

Particular description of goods.—Liquid for Killing Insects.
Claims use since May 1, 1925.

CLASS 7.

CORDAGE.

Ser. No. 252,386. WM. E. HOOPER & SONS CO., Woodberry, Baltimore, Md. Filed July 21, 1927.

STURDEE



Particular description of goods.—Cotton Rope, Sash Cord, Sine Twines, Polished Twines, Braided Cotton Rope, Wrapping Cord, Braided Cord, Cabled Rope, Wrapping Twine, Cabled Cord, Twister Bands, Twisted-Yarn Warps, Mop Yarns, Twisted-Cotton Roping, Nautical Log Lines.

Claims use since Mar. 1, 1925.

Ser. No. 253,417. THE GRADY-TRAVERS COMPANY, New York, N. Y. Filed Aug. 13, 1927.

BluRing

Particular description of goods.—Cordage.
Claims use since August, 1926.

CLASS 10.

FERTILIZERS.

Ser. No. 251,289. UNIFORM PRODUCTS COMPANY, Lancaster Pa. Filed June 29, 1927.

PLANTOBAC

Particular description of goods.—Fertilizers.
Claims use since June 24, 1927.

Ser. No. 253,062. VIRGINIA-CAROLINA CHEMICAL CORPORATION, Richmond, Va. Filed Aug. 4, 1927.

V C

Particular description of goods.—Fertilizers.
Claims use since 1897.

Ser. No. 253,063. VIRGINIA-CAROLINA CHEMICAL CORPORATION, Richmond, Va. Filed Aug. 4, 1927.



Particular description of goods.—Fertilizers.
Claims use since 1897.

Ser. No. 253,064. VIRGINIA-CAROLINA CHEMICAL CORPORATION, Richmond, Va. Filed Aug. 4, 1927.

WANDD

Particular description of goods.—Fertilizers.
Claims use since 1898.

Ser. No. 253,066. VIRGINIA-CAROLINA CHEMICAL CORPORATION, Richmond, Va. Filed Aug. 4, 1927.

TIP TOP

Particular description of goods.—Fertilizers.
Claims use since 1895.

Ser. No. 253,067. VIRGINIA-CAROLINA CHEMICAL CORPORATION, Richmond, Va. Filed Aug. 4, 1927. Under 10-year proviso.

MOBILE

Particular description of goods.—Fertilizers.
Claims use since 1892.

Ser. No. 253,250. VIRGINIA-CAROLINA CHEMICAL CORPORATION, Richmond, Va. Filed Aug. 9, 1927. Under 10-year proviso.

SCOTT'S GOSSYPHOSPHO

Particular description of goods.—Fertilizers.
Claims use since 1890.

Ser. No. 253,251. VIRGINIA-CAROLINA CHEMICAL CORPORATION, Richmond, Va. Filed Aug. 9, 1927.

DOUBLE ANCHOR

Particular description of goods.—Fertilizers.
Claims use since 1895.

CLASS 12.

CONSTRUCTION MATERIALS.

Ser. No. 235,721. ARMOR PLATE ENGINEERING CO., Detroit, Mich. Filed Aug. 9, 1926.



The words "Honsinger" and "Bandit-Proof" are hereby disclaimed apart from the mark shown.

Particular description of goods.—Bank Enclosures and Cages and Parts Thereof.

Claims use since Mar. 10, 1926.

Ser. No. 242,607. THE NATIONAL TILE COMPANY, Anderson, Ind. Filed Jan. 10, 1927.



Particular description of goods.—Tiles for Interior Uses.
Claims use since Jan. 3, 1927.

Ser. No. 249,972. INTERNATIONAL CEMENT CORPORATION, New York, N. Y. Filed June 3, 1927.

LONE STAR

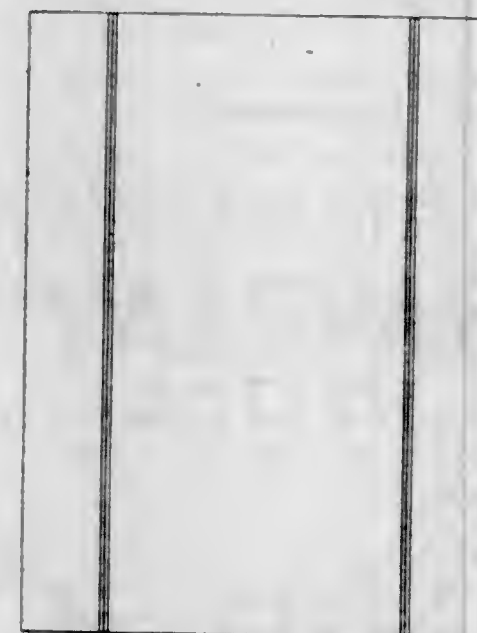


INCOR CEMENT

Applicant disclaims any exclusive right to the use of the words "Cement" and "New York" apart from the mark as shown in the drawing.

Particular description of goods.—Portland Cement.
Claims use since Apr. 18, 1927.

Ser. No. 251,315. ARMSTRONG CORK COMPANY, Lancaster, Pa. Filed June 30, 1927.



The drawing represents a section of the goods showing three parallel black stripes on the back thereof, the surface being gray. The representation of a piece of felt shown on the drawing is disclaimed.

Particular description of goods.—Unsaturated Felt Known as Bulder's Felt.

Claims use since June 15, 1927.

Ser. No. 252,398. WILLIAM J. RYAN, doing business as Ryber Manufacturing Co., Indianapolis, Ind. Filed June 21, 1927.

PRONTO

Particular description of goods.—Building Partitions and Parts Thereof—Viz. Studdings and Wall Boards.
Claims use since January, 1925.

Ser. No. 252,450. THE WEST CLEVELAND TRIM COMPANY, Cleveland, Ohio. Filed July 22, 1927.

American Beauty

Particular description of goods.—Interior Trim.
Claims use since June 1, 1927.

Ser. No. 252,510. H. H. HOPKINS COMPANY, Chicago, Ill. Filed July 25, 1927.

EUREKA

Particular description of goods.—Felt for Sound Deadening and Heat Insulating.
Claims use since about 1887.

Ser. No. 252,527. SCHUMACHER WALL BOARD CORPORATION, Wilmington, Del.; Seattle, Wash.; and Los Angeles, Calif. Filed July 25, 1927.

KEYHOLD

Particular description of goods.—Plaster Board.
Claims use since Nov. 14, 1924.

Ser. No. 252,660. NATIONAL GYPSUM COMPANY, Buffalo, N. Y. Filed July 28, 1927.

Gold Bond

Particular description of goods.—Plaster, Gypsum, Lime, Gypsum Blocks, and Wall Board.
Claims use since July 22, 1927.

Ser. No. 252,711. ROBERT W. HUNT CO., Chicago, Ill.
Filed July 29, 1927.



Particular description of goods.—Bridge Timbers and Piles, Bridges, Cement, Concrete, Piling, and Ties.
Claims use since Apr. 1, 1887.

CLASS 13.

HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.

Ser. No. 245,802. THE OHIO METAL UTENSIL COMPANY,
Greenwich, Ohio. Filed Mar. 15, 1927.

"Quaker Pot"

No claim is made to the word "Pot" apart from the mark shown.

Particular description of goods.—Nonprecious-Metal Cooking Utensils—Namely, Pots, Pans, Kettles, Strainers, and Vessels for Containing Foods and Liquids.
Claims use since July, 1926.

Ser. No. 251,979. NORTHWEST LEAD COMPANY, Seattle,
Wash. Filed July 13, 1927.



Applicant does not claim exclusive right to the use of the word "Brand" and the term "99.99% Pure Lead Products" except for the mark as shown on the drawing.

Particular description of goods.—Lead Products—Namely, Lead Pipe, Lead Tubing, Lead Traps, Lead Bends, Lead-Lined Pipe.

Claims use since Nov. 1, 1922.

Ser. No. 252,332. THE KITCHENAID MANUFACTURING
COMPANY, Troy, Ohio. Filed July 20, 1927.

KitchenAid

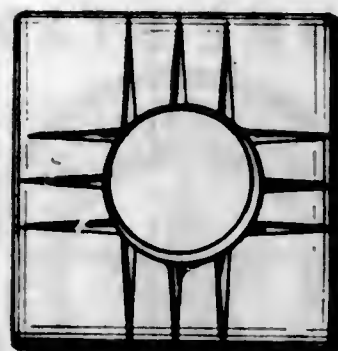
Particular description of goods.—Soup Strainers.
Claims use since Nov. 25, 1919.

Ser. No. 252,378. THE GREAT AMERICAN TEA CO., New
York, N. Y. Filed July 21, 1927.

Amert

Particular description of goods.—Waterless Cooker
Manufactured from Aluminum.
Claims use since May, 1927.

Ser. No. 252,852. MACLEAN-FOGG LOCK NUT COMPANY,
Chicago, Ill. Filed Aug. 1, 1927.



No claim is made to any exclusive right to the use of a representation of a nut per se.

Particular description of goods.—Nuts for Bolts and Other Threaded Members.

Claims use since June 29, 1927.

Ser. No. 252,923. WEHBERG BROTHERS, INC., New York,
N. Y. Filed Aug. 2, 1927.

WEBRO

Particular description of goods.—Metal Flower Vases,
Napkin Rings, and Salt and Pepper Shakers.

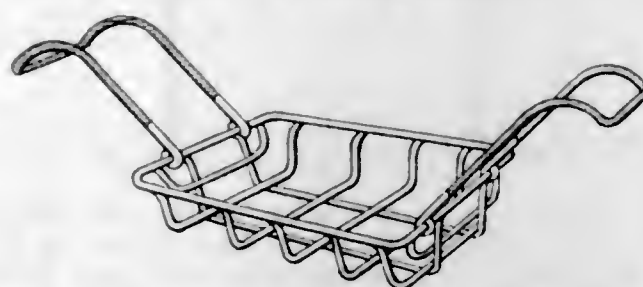
Claims use since Jan. 1, 1927.

Ser. No. 252,929. ALSTEEL MANUFACTURING CO., Battle
Creek, Mich. Filed Aug. 3, 1927.

RAIN-DROP

Particular description of goods.—Lawn Sprinklers.
Claims use since June 1, 1927.

Ser. No. 253,053. UTILITY MANUFACTURING COMPANY,
INC., Baltimore, Md. Filed Aug. 4, 1927.



No claim is made to the representation of a soap dish per se. The trade-mark consists in coloring blue the retaining loops of the soap dish. The drawing is lined for blue.

Particular description of goods.—Double Faucet Soap Dishes.

Claims use since July 1, 1927.

Ser. No. 253,647. FARRINGTON MANUFACTURING COMPANY,
Jamaica Plain, Mass. Filed Aug. 18, 1927.

ELEPHANT FOOT

Particular description of goods.—Door Stops.
Claims use since June 29, 1927.

CLASS 14.

METALS AND METAL CASTINGS.

Ser. No. 246,844. NORTHWEST LEAD COMPANY, Seattle,
Wash. Filed Apr. 2, 1927.



Exclusive right to the use of the word "Brand" and the term "99.99% Pure Lead Products" is not claimed except for the mark as shown on the drawing.

Particular description of goods.—Lead Products—Namely, Pig Lead, Bar Lead, Lead Wool, Came Lead, Lead Wire, Sheet Lead, and Calking Lead.

Claims use since Nov. 1, 1922.

Ser. No. 250,108. VANADIUM-ALLOYS STEEL COMPANY,
Latrobe, Pa. Filed June 6, 1927.



Particular description of goods.—High-Speed Steels,
Alloy Steels, and Carbon Tool Steels.

Claims use since June 1, 1916.

CLASS 16.

PAINTS AND PAINTERS' MATERIALS.

Ser. No. 252,174. VALENTINE & COMPANY, New York,
N. Y. Filed July 16, 1927.

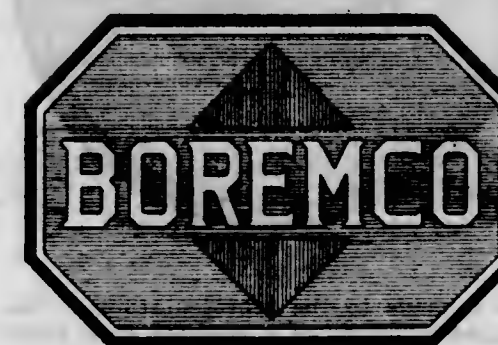
**VALSPAR
POLISH**

No claim is made to the exclusive use of the word "Polish" apart from the mark shown in the drawing.

Particular description of goods.—Liquid Polish and Cleaner for Automobiles, Furniture, and Other Articles Having a Varnished or Lacquered Surface.

Claims use since July 8, 1927.

Ser. No. 252,584. BORDEN & REMINGTON CO., Fall River,
Mass. Filed July 27, 1927.



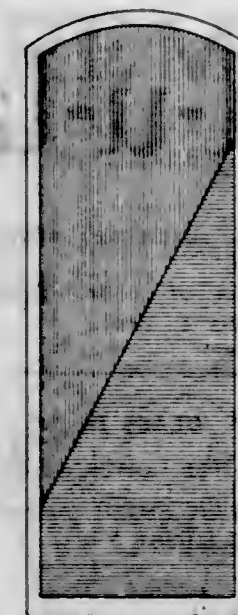
The lines on the drawing indicate shading and not any particular color scheme.

Particular description of goods.—Ready-Mixed Paints, Varnishes, Stains, and Paint Enamels.

Claims use since July 15, 1922.

362 O. G.—44

Ser. No. 252,625. STANDARD OIL COMPANY, Whiting, Ind.,
and Chicago, Ill. Filed July 27, 1927.



The vertical lines on the drawing indicate red, the horizontal lines indicate blue, and the portion of the drawing on which no lining appears indicates white.

Particular description of goods.—Polish or Gloss for Cleaning and Polishing Automobile Bodies and the Like.

Claims use since Apr. 13, 1927.

Ser. No. 252,700. CARLTON GARDELITE, doing business as
Gardelite Co. of Philadelphia, Philadelphia, Pa. Filed
July 29, 1927.

GARDELITE

Particular description of goods.—Artists' Paints—
Namely, Plastic Paints.

Claims use since June, 1926.

Ser. No. 252,786. PATEK BROTHERS, INC., Milwaukee,
Wis. Filed July 30, 1927.

**NOLEUM
SPAR**

The word "Spar" appearing on the drawing is dis-
claimed apart from the mark shown.

Particular description of goods.—Varnish.

Claims use since June 13, 1924.

Ser. No. 252,789. PATEK BROTHERS, INC., Milwaukee,
Wis. Filed July 30, 1927.

**LIQUID
DAI-WITE**

The word "Liquid" appearing on the drawing is dis-
claimed apart from the mark shown.

Particular description of goods.—Ready-Mixed Paint.

Claims use since May 6, 1921.

Ser. No. 253,158. MCCRODY STORES CORPORATION, Wilmington, Del., and New York, N. Y. Filed Aug. 6, 1927.

Cel-u-lac

The word "Lac" is disclaimed apart from the mark shown in the drawing.

Particular description of goods.—Brushing Lacquer.
Claims use since July 1, 1927.

CLASS 19.

VEHICLES, NOT INCLUDING ENGINES.

Ser. No. 239,202. HENRY SMITH, Adelpia, London, England. Filed Oct. 25, 1926.

DUAC

Particular description of goods.—Shock Absorbers of Ordinary Metal for Use Upon Vehicles.
Claims use since Jan. 15, 1925.

Ser. No. 241,443. W. S. RUSH & Co., Los Angeles, Calif. Filed Dec. 13, 1926.

RUSH

Particular description of goods.—Adjustable Emergency-Brake Shoes for Fords.
Claims use since Jan. 24, 1926.

Ser. No. 247,873. ISRAEL STEINBERG, doing business as Commercial Cycle Mfg. Co., Chicago, Ill. Filed Apr. 22, 1927.

Commercial

The drawing is lined to indicate the color red.
Particular description of goods.—Two-Wheeled Vehicles Commonly Known as Bicycles.
Claims use since about the year 1913.

Ser. No. 250,196. ALFRED L. SIMON & COMPANY, New York, N. Y. Filed June 8, 1927.

OSMITE

Particular description of goods.—Automobile Bodies, Vehicle Bodies, and Automobiles.
Claims use since Dec. 1, 1926.

Ser. No. 252,592. HANSON H. DEDMON, doing business as Standard Holder Company, Oakland, Calif. Filed July 27, 1927.

FLEX-ON

Particular description of goods.—Card-Display Receptacle for Automobiles.
Claims use since about July 1, 1925.

Ser. No. 253,051. THE STUDEBAKER CORPORATION, South Bend, Ind. Filed Aug. 4, 1927.

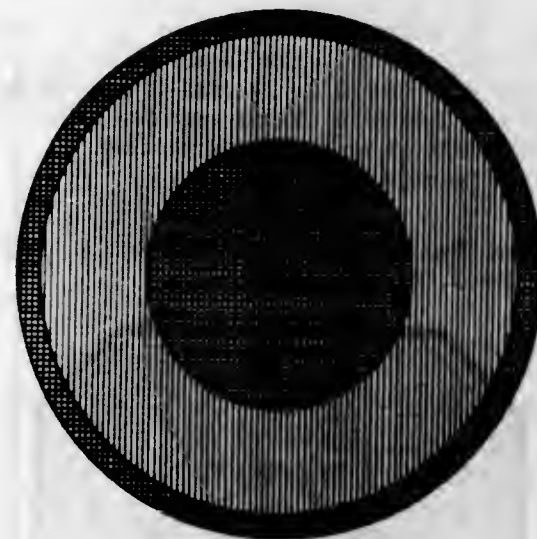
THE COMMANDER

Particular description of goods.—Automobiles.
Claims use since July 13, 1927.

CLASS 22.

GAMES, TOYS, AND SPORTING GOODS.

Ser. No. 252,365. BLACK PRODUCTS COMPANY, Chicago, Ill. Filed July 21, 1927.



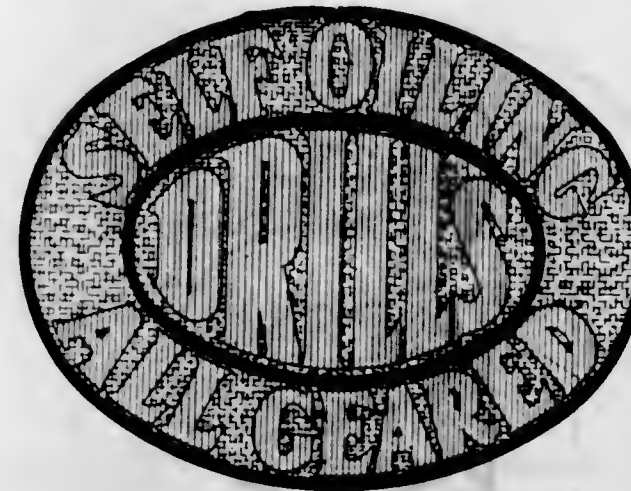
No claim is made to the representation of the goods. The trade-mark consists of a circular pink band and is affixed to the goods by applying the color directly to the target. The lining shows a target having a black rim and black center, the intermediate lining for the color pink.

Particular description of goods.—Clay Targets.
Claims use since 1915.

CLASS 23.

CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.

Ser. No. 228,590. BARNES DRILL CO., Rockford, Ill. Filed Mar. 13, 1926.



No claim is made to the exclusive use of the words "Self Oiling, All Geared Drills" except as part of the mark. The drawing is lined to indicate that the letters are red and that otherwise the spaces within the ovals are gold.

Particular description of goods.—Drilling Machines of the Machine-Tool Type.

Claims use since Feb. 26, 1926.

Ser. No. 230,001. AUTOMATIC NUT-THREAD CORPORATION, Buffalo, N. Y. Filed Apr. 12, 1926.



No exclusive claim is made to the printed matter shown on the drawing other than the word "Threadnut" nor to the representation of taps and nuts except in association with the other features of the mark shown.

Particular description of goods.—Nut-Making Machines.
Claims use since June 1, 1925.

Ser. No. 247,554. LESTER H. MILES, Los Angeles, Calif. Filed Apr. 16, 1927.



No claim is made to the word "Trade-Mark" or to the representation of the goods apart from the mark shown on the drawing.

Particular description of goods.—Audible Sirens, Alarms, and Signals.
Claims use since Mar. 19, 1927.

Ser. No. 249,291. PREMIER MILL CORPORATION, Geneva, N. Y. Filed May 20, 1927.

PREMIER

Particular description of goods.—Colloid Mills.
Claims use since Oct. 15, 1923.

Ser. No. 250,132. GEORGE FREDERICK NEWTON, Auburn, R. I. Filed June 7, 1927.



Particular description of goods.—Automatic Fire-Extinguishing Sprinklers, and Particularly for the Fusible Link Members of Automatic Sprinklers.
Claims use since Feb. 7, 1927.

Ser. No. 250,244. LAUGHLIN FILTER CORPORATION, New York, N. Y. Filed June 9, 1927.



Particular description of goods.—Centrifugal Filtering Machines.
Claims use since Apr. 2, 1927.

Ser. No. 251,060. LINCOLN MANUFACTURING COMPANY, Connersville, Ind. Filed June 24, 1927.



The lining on the drawing represents shading only. Applicant makes no claim to any specific colors.

Particular description of goods.—Auxiliary Transmissions for Automobiles.
Claims use since June 13, 1927.

Ser. No. 251,232. LESTER H. MILES, Los Angeles, Calif.
Filed June 28, 1927.



The lining shown in the drawing of the mark is for shading only. No claim is made to the words "Siren, Always Running, Always Barking, Trade-Mark" or to the representation of the goods apart from the mark shown.

Particular description of goods.—Audible Sirens, Alarms, and Signals.

Claims use since June 15, 1927.

Ser. No. 251,285. THE TYLER MANUFACTURING CO.,
Muncie, Ind. Filed June 29, 1927.

Cleancoil

Particular description of goods.—Combined Scraper and Cleaner for Pots, Pans, and the Like.

Claims use since Apr. 26, 1927.

Ser. No. 251,759. HULDA KRUSIUS, doing business as
Krusius Brothers, Weehawken, N. J.; Hulda Krusius
executrix of the estate of Ewald Krusius, deceased,
assignor to Henry Krusius. Filed July 9, 1927.

1776

Particular description of goods.—Knives, Razors, and
Scissors.

Claims use since July 1, 1894.

Ser. No. 252,171. THE SINGER MANUFACTURING COMPANY,
Elizabeth, N. J., and New York, N. Y. Filed July 16,
1927.



No claim is made to the words "Sewing Machine" and "Trade-Mark" appearing upon the drawing. The trade-mark is usually printed in contrasting colors with the predominant letter "S" in red as indicated by the lining shown in the drawing.

Particular description of goods.—Sewing - Machine Needles.

Claims use since 1900.

Ser. No. 252,278. THE ALDRICH PUMP COMPANY, Allen-
town, Pa. Filed July 19, 1927.

KOSMOS

Particular description of goods.—Porcelain Pump Plungers.

Claims use since May 31, 1927.

Ser. No. 253,631. SANDVIKENS JERNVERKS AKTIEBOLAG,
Sandviken, Sweden. Filed Aug. 17, 1927.

TORNADO

Particular description of goods.—Saws, Handled and Not-Handled Pliers, Files, Hammers, Sledges, Wedges, Stone Picks, and Pickaxes.

Claims use since 1926.

CLASS 24.

LAUNDRY APPLIANCES AND MACHINES.

Ser. No. 249,837. WM. CAMERON & CO. INC., Waco, Tex.
Filed June 1, 1927.



Applicant disclaims the right to the exclusive use of the word "Furniture" apart from the mark shown in the drawing.

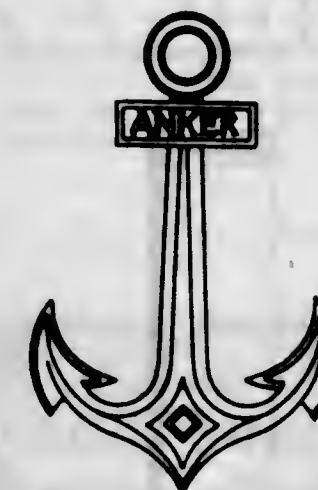
Particular description of goods.—Portable Laundry Appliances—Namely, Ironing Boards, Ironing-Board Cabinets, Clothes Driers, Clothes Racks, Laundry Tubs, and Washtubs.

Claims use since Oct. 1, 1920.

CLASS 26.

MEASURING AND SCIENTIFIC APPLIANCES.

Ser. No. 246,809. THE ANKER-WERKE A.-G., Bielefeld,
Germany. Filed Apr. 2, 1927.



Particular description of goods.—Cash Registers and Calculating Machines and Parts Thereof.

Claims use since 1895.

Ser. No. 253,643. EASTMAN KODAK COMPANY, Rochester,
N. Y. Filed Aug. 18, 1927.

HAWK-EYE

Particular description of goods.—Cameras. Camera Carrying Cases, and Shutters.

Claims use since June 15, 1922, on shutters and since January, 1888, on cameras and camera carrying cases.

CLASS 33.

GLASSWARE.

Ser. No. 251,579. CHAS. A. STEVENS & BROS., Chicago,
Ill. Filed July 6, 1927.

RARITY

Particular description of goods.—Glasses and Glass Liquor Sets, Pitchers, Bowls, Jam Jars, Perfume Bottles, Candy Dishes, Fish Bowls, Bottle Sets, Beverage Sets, Flasks, and Vases.

Claims use since Sept. 17, 1926.

CLASS 34.

HEATING, LIGHTING, AND VENTILATING APPARATUS, NOT INCLUDING ELECTRICAL APPARATUS.

Ser. No. 245,683. AKME FLUE, INCORPORATED, Baltimore,
Md. Filed Mar. 14, 1927.

**AKME
FLUE**

No claim is made to the word "Flue" apart from the mark shown on the drawing.

Particular description of goods.—Flues for Gas Ranges.

Claims use since Dec. 1, 1925.

Ser. No. 250,204. ALFRED L. SIMON & COMPANY, New
York, N. Y. Filed June 8, 1927.

OSMITE

Particular description of goods.—Wall Fixtures for Gas Lighting, Ceiling Fixtures for Gas Lighting, Metallic Lamp Shades, Parchment Lamp Shades, Fabric Lamp Shades, Lamp Bases, and Candlesticks.

Claims use since Dec. 1, 1926.

Ser. No. 250,588. YORK HEATING & VENTILATING CORPO-
RATION, Bridgeport and Philadelphia, Pa. Filed June
15, 1927.

**YORK
HEAT-DIFFUSING
UNIT**

No claim is made to the words "York Heat-Diffusing Unit" apart from the mark shown.

Particular description of goods.—Heat-Diffusing Units Comprising a Casing Inclosing Pipe Coils Supplied by Steam or Hot Liquid and Motor-Driven Fans for Drawing Air Over the Pipe Coils.

Claims use since May 25, 1927.

Ser. No. 252,622. BENJAMIN A. SCHIFF, Chicago, Ill.
Filed July 27, 1927.

LUCKY STRIKE

Particular description of goods.—Lamps—Namely, Pocket, Table, and Stand Lamps Using as a Fuel Petroleum Products, Namely, Benzine, Naphtha, and Gasoline.
Claims use since Dec. 1, 1926.

Ser. No. 253,193. METHUDY ENAMEL RANGE CO., East St. Louis, Ill. Filed Aug. 8, 1927.

-MERC-

Particular description of goods.—Gas Stoves and Ranges.
Claims use since Oct. 1, 1926.

CLASS 36.

MUSICAL INSTRUMENTS AND SUPPLIES.

Ser. No. 237,017. FRED L. DAUTRICH, Tacoma, Wash.
Filed Sept. 9, 1926.

Vilonia

Particular description of goods.—Stringed Musical Instruments in the Nature of a Small Cello, Bows, and Bridges Therefor.
Claims use since June 1, 1926.

Ser. No. 244,389. F. A. BÖHM AKT.-GES., Untersachsenberg, Germany. Filed Feb. 15, 1927.



F. A. Böhm

Applicant disclaims the right to the exclusive use of the name "F. A. Böhm" or to the words "Artist's Band" apart from the trade-mark as shown in the

drawing. The male figure forming a part of the drawing is the fanciful creation of an artist.

Particular description of goods.—Mouth Harmonicas, Accordions, and Parts Thereof, and Strings for Violins, Mandolins, and Similar Musical Instruments.
Claims use since Feb. 4, 1916.

CLASS 37.

PAPER AND STATIONERY.

Ser. No. 250,275. L. E. WATERMAN COMPANY, New York, N. Y. Filed June 9, 1927.



The trade-mark consists of a band of green color encircling the cap of the fountain pen at its outer end. No claim is made to the representation of the fountain-pen cap.

Particular description of goods.—Fountain Pens.
Claims use since June 7, 1927.

Ser. No. 250,277. L. E. WATERMAN COMPANY, New York, N. Y. Filed June 9, 1927.



The trade-mark consists of a band of purple color encircling the cap of the fountain pen at its outer end. No claim is made to the representation of the fountain-pen cap.

Particular description of goods.—Fountain Pens.
Claims use since June 7, 1927.

Ser. No. 251,893. DICTAPHONE CORPORATION, Bridgeport, Conn. Filed July 12, 1927.

DICTAGRAM

Particular description of goods.—Memorandum Pads.
Claims use since about June 27, 1927.

Ser. No. 251,968. HOLLINGSWORTH & VORSE COMPANY, Boston, Mass. Filed July 13, 1927.

Economic Tag

Exclusive use of the word "Tag" in itself is not claimed, but the word is a part of applicant's trade-mark and recognized as such.

Particular description of goods.—Paper in Sheets or Rolls Suitable for Folders, Envelopes, Covers, Mounts, Wallets, Tickets, Tags, Stencils, Patterns, Wrappers, Lamp Shades, Bottle Caps, and the Like.
Claims use since about Aug. 1, 1916.

Ser. No. 252,769. THE GENERAL FIREPROOFING COMPANY, Youngstown, Ohio. Filed July 30, 1927.

Orthomeric

Particular description of goods.—Card-Index Systems.
Claims use since July 20, 1927.

CLASS 38.

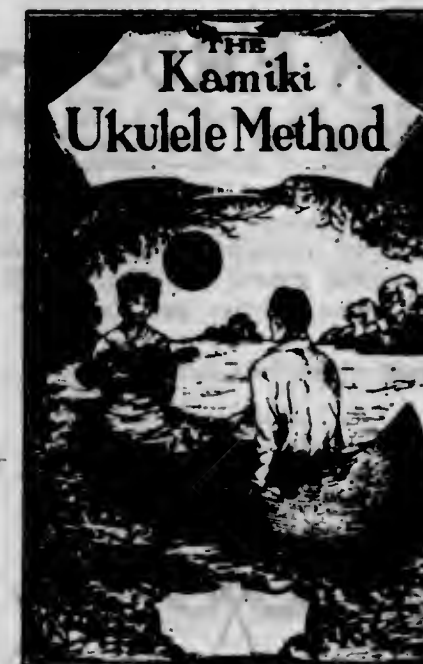
PRINTS AND PUBLICATIONS.

Ser. No. 248,133. WM. J. SMITH MUSIC CO. INC., New York, N. Y. Filed Apr. 28, 1927.

KAMIKI

Particular description of goods.—Musical Publications.
Claims use since November, 1916.

Ser. No. 248,134. WM. J. SMITH MUSIC CO. INC., New York, N. Y. Filed Apr. 28, 1927.



No claim is made to the words "Ukulele Method" apart from the mark as shown.

Particular description of goods.—Musical Publications.
Claims use since September, 1917.

Ser. No. 248,135. WM. J. SMITH MUSIC CO. INC., New York, N. Y. Filed Apr. 28, 1927.



No claim is made to the words "Hawaiian Guitar Method" apart from the mark as shown.

Particular description of goods.—Musical Publications.
Claims use since August, 1917.

Ser. No. 249,408. DE SYLVA, BROWN & HENDERSON, INC., New York, N. Y. Filed May 23, 1927.



The name of applicant and the word "Trade-Mark" are hereby disclaimed apart from the mark shown.

Particular description of goods.—Sheet Music and Musical Publications.
Claims use since March, 1926.

Ser. No. 249,916. MORTGAGE GUARANTEE COMPANY OF AMERICA, Atlanta, Ga. Filed June 2, 1927.



The words "Safety Guaranteed" are disclaimed apart from the other features of the mark.

Particular description of goods.—Negotiable Instruments.

Claims use since April, 1924.

Ser. No. 251,026. CHILTON CLASS JOURNAL COMPANY, Philadelphia, Pa. Filed June 24, 1927.

RAPID FLAT RATE PRICE LIST

No claim is made to the exclusive use of the words "Flat Rate Price List" apart from the mark shown.

Particular description of goods.—Publication Published from Time to Time for Use by Automobile Repairmen, Repair Shops, and Service Stations.

Claims use since Mar. 15, 1927.

Ser. No. 252,109. PUBLISHERS' FISCAL CORP., New York, N. Y. Filed July 15, 1927.

Five Novels Monthly

No claim is made to the exclusive use of the word "Monthly" apart from the mark shown in the drawing.

Particular description of goods.—Monthly Publication.

Claims use since June 20, 1927.

Ser. No. 252,288. THE PLUMBERS TRADE JOURNAL PUBLISHING COMPANY, New York, N. Y. Filed July 19, 1927.

The PLUMBERS AND HEATING CONTRACTORS TRADE JOURNAL

Particular description of goods.—Periodical Magazine Usually Published Semimonthly.

Claims use since July 1, 1927.

Ser. No. 252,453. ABBOTT LABORATORIES, doing business as The Sterilac Company, North Chicago, Ill. Filed July 23, 1927.

SANIGRAMS

Particular description of goods.—House Publication.
Claims use since May 15, 1927.

Ser. No. 252,977. PAYNE SYNDICATE, INC., New York, N. Y. Filed Aug. 3, 1927.

MICKEY MUTT

Particular description of goods.—Newspaper Section.
Claims use since July 18, 1927.

CLASS 39.

CLOTHING.

Ser. No. 234,738. ROBERTS-WICKS COMPANY, Utica, N. Y. Filed July 19, 1926.

SUPER TAILORED

No claim is made to the word "Tailored" apart from the mark as shown.

Particular description of goods.—Men's and Youths' Overcoats, Raincoats, Storm Coats, Suits, Coats, Vests, and Trousers.

Claims use since Apr. 30, 1926.

Ser. No. 235,635. BENDER-ZIMMER COMPANY, Milwaukee, Wis. Filed Aug. 6, 1926.

JACK FROST

Particular description of goods.—Bathing Suits, Scarfs, Hosiery, Vests, Sweaters of All Descriptions, Knitted Sport Coats, Flannel Shirts, Fancy Knitted Coats Called Crickets, Lumberjacks, Infants' Booties and Socks, Caps, Capes, Dresses, Skirts, Fabric Gloves or Fabric Mittens, Knitted Bands; Knitted Collar and Cuff Sets for Men, Women, and Children.

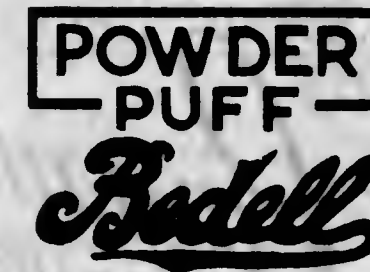
Claims use since about July 1, 1912.

Ser. No. 239,219. ABRAHAM & STRAUS, INC., Brooklyn, N. Y. Filed Oct. 26, 1926.

THAIS

Particular description of goods.—Leather Gloves.
Claims use since 1920.

Ser. No. 241,805. THE BEDELL COMPANY, New York, N. Y. Filed Dec. 22, 1926.



Applicant owns registration Nos. 55,049, 56,317, 180,996, and 224,917, all of which include the name "Bedell."

Particular description of goods.—Ladies' Wearing Apparel—Namely, Shoes of Leather, Rubber, Fabric, or Combinations of These Materials, Coats, Cloaks, Capes, Wraps, Dresses, Gowns, Hats, Boudoir Caps, Hosiery, Corsets, Brassières, Sweaters, Tunics, Outer Skirts, Blouses, Scarfs, and Gloves of Leather, Rubber, and Fabric, or Combinations of These Materials.

Claims use since Dec. 15, 1926.

Ser. No. 246,422. MANDEL & COHEN, New York, N. Y. Filed Mar. 26, 1927.



Particular description of goods.—Knitted Underwear for Women and Children—Namely, Hosiery, Vests, Drawers, Union Suits, Brassières, Girdles, and Combinations of Chemise.

Claims use since Jan. 15, 1927.

Ser. No. 247,126. COOPER, WELLS & Co., St. Joseph, Mich. Filed Apr. 8, 1927.

AUTO MECHANIC

Particular description of goods.—Hosiery.
Claims use since about Mar. 21, 1927.

Ser. No. 247,193. MANDEL & COHEN, New York, N. Y. Filed Apr. 9, 1927.

1057

Particular description of goods.—Knitted Underwear for Women and Children—Namely, Hosiery, Vests, Drawers, Union Suits, Brassières, Girdles, and Combinations of Chemise.

Claims use since about February, 1925.

Ser. No. 248,405. GOODMAN, COHEN & Co., New York, N. Y. Filed May 4, 1927.



Particular description of goods.—Dress and Negligee Shirts.

Claims use since Mar. 15, 1927.

Ser. No. 250,861. PAUL REVERE MFG. Co., Baltimore, Md. Filed June 21, 1927.



Particular description of goods.—Wash Suits and Middle Blouses for Boys and Girls.

Claims use since June 1, 1920.

Ser. No. 251,353. MAURICE MILLS COMPANY, Thomasville, N. C. Filed June 30, 1927.



STONEHOUSE

Particular description of goods.—Hosiery.
Claims use since Aug. 4, 1925.

Ser. No. 251,523. WACHUSSETT SHIRT COMPANY, Leominster, Mass. Filed July 5, 1927.

POINT-SETTER

Particular description of goods.—Negligee and Dress Shirts and Collars.

Claims use since June 23, 1927.

Ser. No. 251,551. FELDBAUM AND SILVERMAN, New York, N. Y. Filed July 6, 1927.

SKOTMINK

The word "Mink" is claimed only in connection with the other features of the mark.

Particular description of goods.—Mink-Fur Coats for Men, Women, and Children; Mink-Fur Scarfs.
Claims use since Mar. 1, 1927.

Ser. No. 251,552. FELDBAUM AND SILVERMAN, New York, N. Y. Filed July 6, 1927.

VISK DON

Particular description of goods.—Fur Coats for Men, Women, and Children, and Fur Scarfs.
Claims use since Feb. 1, 1927.

Ser. No. 251,756. THE GREEN-HAAS-SCHWARTZ COMPANY, Cleveland, Ohio. Filed July 9, 1927.



No claim is made to the word "Sweater" apart from the mark as shown. The trade-mark is a representation of Gene Tunney in posture and the signature "Gene Tunney" substantially as shown.

Particular description of goods.—Knitted Sweaters and Jackets for Men and Children.
Claims use since June 25, 1927.

Ser. No. 252,043. HOLMES, TERHUNE, CROSSMAN, INC., Lewiston, Me., and Boston, Mass. Filed July 14, 1927.



Particular description of goods.—Boots and Shoes of Leather, Fabric, or Combinations Thereof.
Claims use since June 11, 1927.

Ser. No. 252,103. LISH BROS., New York, N. Y. Filed July 15, 1927.



The applicant disclaims the right to the exclusive use of the word "Velour" and the geographical terms "Paris" and "New York."

Particular description of goods.—Ladies' Hats.
Claims use since about Mar. 1, 1927.

Ser. No. 252,111. J. A. ROBERTSON & SONS (DUMFRIES) LIMITED, Dumfries, Scotland. Filed July 15, 1927.

DRUMOHR

Particular description of goods.—Articles of Clothing for Men, Women, and Children—Namely, Socks, Stockings, Pull-Overs, Jumpers, Jerseys, Cardigans, Waistcoats, Caps, Scarfs, Vests, Trousers, and Knickers.
Claims use since Jan. 26, 1927.

Ser. No. 252,170. RUFUS W. SCOTT COMPANY, New York, N. Y. Filed July 16, 1927.



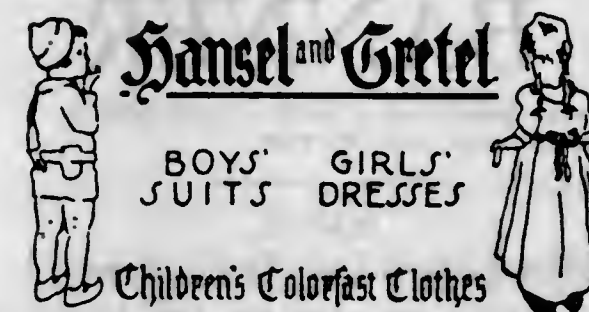
Particular description of goods.—Stockings.
Claims use since Apr. 20, 1926.

Ser. No. 252,698. MARSHALL FIELD & COMPANY, Chicago, Ill. Filed July 29, 1927.



Particular description of goods.—Women's and Girls' Dresses.
Claims use since June, 1910.

Ser. No. 252,699. ARTHUR FRANKEL, doing business as Arthur Frankel Company, Long Island City, N. Y. Filed July 29, 1927.



No claim is made to the exclusive use of the words "Boy's Suits," "Girls' Dresses," and "Children's Colorfast Clothes."

Particular description of goods.—Boy's Suits and Girls' Dresses.

Claims use since July 11, 1927.

Ser. No. 252,730. RICHARDSON DRY GOODS CO., St. Joseph, Mo. Filed July 29, 1927.

BROADMOOR

Particular description of goods.—Negligee, Work, and Dress Shirts Made of Cotton, Wool, and Silk.
Claims use since July 24, 1925.

Ser. No. 252,757. BONWIT TELLER & CO., New York, N. Y. Filed July 30, 1927.

sunday night

Particular description of goods.—Women's and Misses' Dresses, Coats, and Suits.
Claims use since Oct. 13, 1926.

Ser. No. 252,849. LEHIGH SILK HOSIERY MILLS, INC., New York, N. Y. Filed Aug. 1, 1927.

PETI-POINTS

Particular description of goods.—Hosiery for Men, Women, and Children.
Claims use since June 16, 1927.

Ser. No. 252,939. BROWN SHOE COMPANY, INC., St. Louis, Mo. Filed Aug. 8, 1927.

FOOT CHARMS

Particular description of goods.—Shoes Made of Leather, Cloth, Canvas, or Combination Thereof.
Claims use since July 14, 1927.

Ser. No. 252,940. BROWN SHOE COMPANY, INC., St. Louis, Mo. Filed Aug. 8, 1927.

NATURALIZERS

Particular description of goods.—Shoes Made of Leather, Cloth, Canvas, or Combinations Thereof.
Claims use since July 14, 1927.

Ser. No. 252,951. FINCH, VAN SLYCK & MCCONVILLE, St. Paul, Minn. Filed Aug. 3, 1927.

LADY DORIS

Particular description of goods.—Women's Hosiery.
Claims use since Mar. 9, 1926.

Ser. No. 252,952. FINCH, VAN SLYCK & MCCONVILLE, St. Paul, Minn. Filed Aug. 3, 1927.

Lady Rose

Particular description of goods.—Women's Hosiery.
Claims use since Mar. 9, 1926.

Ser. No. 253,016. EAGLE WASH SUIT CO. INC., New York, N. Y. Filed Aug. 4, 1927.

STURDIWEAR

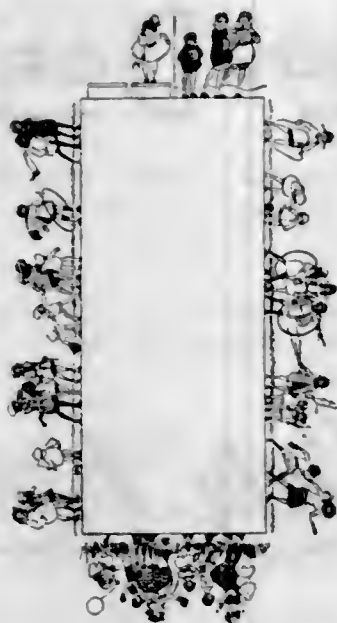
Particular description of goods.—Boys' and Girls' Wash Suits.
Claims use since May 1, 1926.

Ser. No. 253,194. I. MILLER & SONS, INC., Long Island City, N. Y. Filed Aug. 8, 1927.



Particular description of goods.—Shoes for Children and Infants, Made of Leather, Fabrics, and Cloth and Combinations of These Materials; and Overshoes.
Claims use since October, 1921.

Ser. No. 253,195. I. MILLER & SONS, INC., Long Island City, N. Y. Filed Aug. 8, 1927.



Particular description of goods.—Shoes for Children and Infants, Made of Leather, Fabrics, and Cloth and Combinations of These Materials; and Overshoes.
Claims use since October, 1921.

Ser. No. 253,506. KOPS BROS. INC., New York, N. Y. Filed Aug. 15, 1927.

Du-tye

Particular description of goods.—Corsets, Brassières, Girdles, and Underwear of Textile Fabric for Women.
Claims use since June 15, 1927.

Ser. No. 253,507. KOPS BROS. INC., New York, N. Y. Filed Aug. 15, 1927.

Hy-lo

Particular description of goods.—Corsets, Brassières, Girdles, and Underwear of Textile Fabric for Women.
Claims use since June 15, 1927.

CLASS 40.

FANCY GOODS, FURNISHINGS, AND NOTIONS.

Ser. No. 246,794. THE WILSON FASTENER COMPANY, Cleveland, Ohio. Filed Apr. 1, 1927.

WILSNAP

Applicant owns registration No. 114,606 for the mark "Wilsonap."

Particular description of goods.—Hairpins Made of Nonprecious Metal.
Claims use since Mar. 11, 1927.

Ser. No. 253,600. I. B. KLEINERT RUBBER COMPANY, New York, N. Y. Filed Aug. 17, 1927.

BANNER

Particular description of goods.—Dress Shields.
Claims use since July 25, 1927.

CLASS 42.

KNITTED, NETTED, AND TEXTILE FABRICS.

Ser. No. 193,615. NOPIN DIDY CO., INC., Atlantic City, N. J. Filed Mar. 11, 1924.



No claim is made to the word "Nopin" apart from the mark as shown.

Particular description of goods.—Textile Diapers.
Claims use since Mar. 5, 1924.

Ser. No. 250,754. LEE BROTHERS (OVERWEAR) LTD., London, England. Filed June 18, 1927.



The words "The Snuggest of Rugs" are disclaimed apart from the mark shown.

Particular description of goods.—Motor Robes (Textile Lap Robes).
Claims use since August, 1925.

Ser. No. 251,930. N. J. BICHMAN CO., New York, N. Y. Filed July 12, 1927.



The figure shown on the drawing is fanciful and represents a Spanish dancing woman. The figure is in Spanish dancing costume with her hands raised and is apparently

dancing to the music of the castanets which she has on the tips of thumbs and fingers of both hands. Upon the back of her head is a large fancy comb and therefrom hangs a lace shawl.

Particular description of goods.—Table Linens Embroidered by Hand in Spain.

Claims use since June 1, 1927.

Ser. No. 252,106. ALLEN R. MITCHELL & SON, Philadelphia, Pa. Filed July 15, 1927.

SHADOWTONE

Particular description of goods.—Woolen and Worsted Goods and Combinations Thereof in the Piece.

Claims use since May 27, 1927.

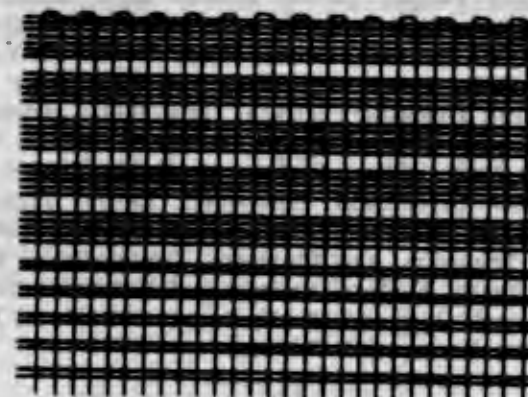
Ser. No. 252,165. PACIFIC MILLS, Lawrence and Boston, Mass. Filed July 16, 1927.



The picture forming a feature of the mark is fanciful.

Particular description of goods.—Cotton Piece Goods.
Claims use since Nov. 10, 1925.

Ser. No. 252,766. FAIRCLOUGH & GOLD INC., Boston, Mass. Filed July 30, 1927.



Apart from the mark the representation of the goods is disclaimed. The mark consists of five parallel lines or stripes extending longitudinally along the selvage of the goods and is applied or affixed to the goods by providing the fabric with a selvage displaying the mark, the stripes being woven into and incorporated as a part of the goods.

Particular description of goods.—Marquiesette for Curtains, Casement Cloth for Draperies, and Gauze for Curtains.

Claims use since on or about Dec. 1, 1922; on one type of casement cloth since on or about May 21, 1926; on another type of casement cloth since on or about Apr. 15, 1926; and on gauze since on or about Mar. 18, 1927.

Ser. No. 253,007. FRED BUTTERFIELD & CO., INC., New York, N. Y. Filed Aug. 4, 1927.

LIGHT O' DAY

Particular description of goods.—Wool, Cotton, Silk, Rayon, and Linen Fabrics and/or Combinations Thereof in the Piece.

Claims use since July 6, 1927.

Ser. No. 253,190. KOPS BROS. INC., New York, N. Y. Filed Aug. 8, 1927.

Velvo-Web

No claim is made for the exclusive use of the word "Web" apart from the mark as otherwise shown.

Particular description of goods.—Elastic Webbing in the Piece, the Goods Being Relatively Wide and Suitable for Making Corsets, Brassières, Girdles, and Other Garments, for Making Inserts in Corsets, Brassières, Girdles, and Other Garments, in Making Shoe Uppers, and for Similar Purposes.

Claims use since June 15, 1927.

Ser. No. 253,796. FORSTMANN & HUFFMANN COMPANY, Passaic, N. J. Filed Aug. 22, 1927.

Torsa

Particular description of goods.—Woolen Piece Goods.
Claims use since July 10, 1927.

Ser. No. 253,797. FORSTMANN & HUFFMANN COMPANY, Passaic, N. J. Filed Aug. 22, 1927.

Tora

Particular description of goods.—Woolen Piece Goods.
Claims use since July 10, 1927.

Ser. No. 253,798. FORSTMANN & HUFFMANN COMPANY, Passaic, N. J. Filed Aug. 22, 1927.

Torsella

Particular description of goods.—Woolen Piece Goods.
Claims use since July 10, 1927.

Ser. No. 253,884. HAAS BROTHERS FABRICS CORPORATION, New York, N. Y. Filed Aug. 24, 1927.

CHINANA

Particular description of goods.—Piece Goods Made of Silk, Cotton, and Wool.
Claims use since July 13, 1927.

Ser. No. 253,885. HAAS BROTHERS FABRICS CORPORATION, New York, N. Y. Filed Aug. 24, 1927.

JASPANA

Particular description of goods.—Piece Goods Made of Cotton and Wool and Silk.
Claims use since July 13, 1927.

CLASS 44.

DENTAL, MEDICAL, AND SURGICAL APPLIANCES.

Ser. No. 238,932. GEORGE A. WIECHERT CO., INC., New York, N. Y. Filed Oct. 20, 1926.



No claim is made to the exclusive use of the word "Plate" or "Prest" except as shown in the mark.
Particular description of goods.—Dental Plates.
Claims use since about Sept. 29, 1926.

Ser. No. 243,548. HESS BROTHERS, Allentown, Pa. Filed Jan. 29, 1927.

HESBRO SANI-PAK

Particular description of goods.—Women's Sanitary Napkins.
Claims use since June 5, 1926.

Ser. No. 243,726. READY APRON COMPANY, Chicago, Ill. Filed Feb. 2, 1927.

Medic

Particular description of goods.—Sanitary Rubber-Coated Aprons.
Claims use since on or about May 15, 1926.

Ser. No. 248,070. THE S. S. WHITE DENTAL MANUFACTURING COMPANY, Philadelphia, Pa. Filed Apr. 27, 1927.



Particular description of goods.—Dental Engines, Lathes, and Parts Thereof; Dental Hand Pieces, Dental Mallets and Hammers, Dental Burrs, Drills, Dental Burr Cases, Dental Extractors, Dental Mandrels and Porte-Polishers, Dental Root Trimmers, Reamers, and Facers, Dental Abrasive Points, Disks, Stones, Dental Polishing Cups, Disks, Points, Brushes, Wheels, Strips, Dental Burnishers, Dental Post Extractors, Dental Saws, Dental Disk Moisteners, Dental Forceps, Dental Pliers and Punches, Dental Root Elevators, Dental Lancets, Dental Scissors, Shears, Tweezers, and Tongues, Dental Crown Slitters, Dental Chairs, Dental Headrests, Dental Equipment Stands, Dental Splintoons and Splintoon Stands, Saliva Ejectors, Dental Operating Stools, Dental Brackets, Bracket Tables, Tablets, and Trays, Electric Furnaces, Dental Vulcanizers and Thermometers Therefor, Dental Flasks and Flask Press, Gas-Administering Apparatus, Inhalers and Tubes Therefor, Gas Cylinders Adapted for Use in Connection with Gas-Administering Apparatus, Handles and Holders for Dental Tools, Dental Scalars, Cleavers, Chisels, Hatchets, Hoes, Spoons, Discoids, Cleoids, Cutting and Carving Instruments, Excavators, Bits, Canal Cleaners, Broaches, Bristles, and Probes, Dental Pluggers, Dental Filling Materials and Instruments, Gum Retractors, Dental Root Driers, Dental Pellet Placers, Dental Files and Knives, Dental Matrix Material and Implements, Dentimeters, Dental Sterilizers, Dental Lamps, Dental Burners and Dental Blowpipes, Dental Spatulas, Dental Mirrors, Dental Syringes, Dental Mortars and Pestles, Dental Rubber Dam, Rubber-Dam Clamps, Rubber-Dam Holders, and Rubber-Dam Weights, Dental Napkin Holders, Dental Floss, Dental Cotton and Waste Holders, Teeth Separating and Regulating Appliances, Mouth Distenders, Dental Gold Plates, Disks, and Shells, Dental Crown-Forming Devices, Dental Waxes, Dental Casting Outfits, Fusible Metal for Dental Practice, Dental Investment Compound, Dental Impression Trays, Dental Modeling Composition, Dental Vulcanite Scrapers, Trimmers, and Finishers, Dental Bench Blocks, Artificial Teeth, Facings, Crowns and Posts, Tooth-Shade Guides, Dental Jaw and Mouth Props, and Dental Instrument Cases, Racks, and Cabinets.
Claims use since December, 1925.

Ser. No. 248,277. AXEL BLOMBERG, Sallings, Sweden. Filed May 2, 1927.

Radiowoll

Particular description of goods.—Radioactive Cloth, Radioactive Textile Fabric, Radioactive Carpets, and Radioactive Compresses.
Claims use since January, 1923.

Ser. No. 252,563. THE MILLER RUBBER COMPANY, Akron, Ohio. Filed July 26, 1927.

Mogul

Particular description of goods.—Water Bottles of Rubber Used for Therapeutic and Medical Purposes.
Claims use since June 8, 1927.

CLASS 45.

BEVERAGES, NONALCOHOLIC.

Ser. No. 251,121. CALIFORNIA BOTTLING COMPANY, INC., Washington, D. C. Filed June 25, 1927.



Particular description of goods.—Nonalcoholic, Maltless Beverages Sold as Soft Drinks.
Claims use since Dec. 16, 1926.

Ser. No. 251,797. ULRICA STRAUSS, Brooklyn, N. Y. Filed July 9, 1927.

NIP-O-PEP

Particular description of goods.—Nonalcoholic, Maltless Powder for Making Soft Drinks.
Claims use since about July 5, 1927.

CLASS 46.

FOODS AND INGREDIENTS OF FOODS.

Ser. No. 201,410. PI-KONE CO., St. Paul, Minn. Filed Aug. 14, 1924.

PI-KONE

Particular description of goods.—Edible Ice-Cream Containers Made of Cake Dough.
Claims use since on or about June 1, 1924.

Ser. No. 213,448. MARSHAK MALTMOLAK CO. INC., New York, N. Y. Filed Apr. 28, 1925.

MARSHAK'S MALTMOLAK

No claim is made to the exclusive use of the word "Marshak's" apart from the mark shown in the drawing.
Particular description of goods.—Food Product Consisting of Sugar Combined with Dry Skim Milk, Dry Whole Milk, Cocoa, and Malt.
Claims use since about March, 1924.

Ser. No. 227,600. THE J. & F. SCHROTH PACKING COMPANY, Cincinnati, Ohio. Filed Feb. 20, 1926.



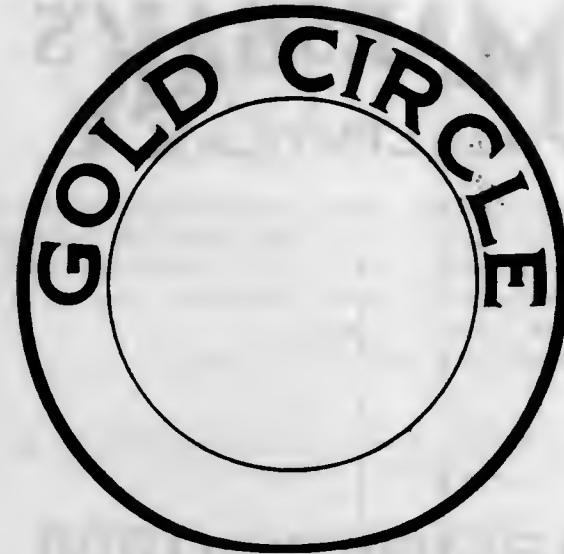
Particular description of goods.—Sausages and Imitation Sausages, Chile Con Carne, Dry Salted Meats; Pickled Meats—Namely, Pork Hams, Shoulders, Bellies, Sides, Tongues, Butts, and Plates, and Beef Tongues and Beef Hams; Fresh Meats—Namely, Pork Primal Parts, Edible Offal and Trimmings, and Beef Edible Offal; Smoked Meats—Namely, Pork Hams, Shoulders, Bacon, Butts, Tongues, and Spare Ribs, and Beef Tongues, Inside Knuckles and Heart, Breakfast Bacon, and Sliced Dried Beef, and Cracklings (Chicken Feed).
Claims use since July, 1923.

Ser. No. 232,353. RED SUN PRODUCTS CO., Chicago, Ill. Filed May 27, 1926.



The words "Hop-in-Malt" are disclaimed apart from the other features of the mark as shown on the drawing.
Particular description of goods.—Malt Sirup for Food Purposes.
Claims use since May, 1919.

Ser. No. 239,401. JOHN R. FIORITA COMPANY, St. Louis, Mo. Filed Oct. 29, 1926.



Particular description of goods.—Fresh, Stuffed, and Candied Dates.
Claims use since about Aug. 27, 1926.

Ser. No. 242,395. RUMIE BROTHERS OF NEW YORK, INC., New York, N. Y. Filed Jan. 5, 1927.



Applicant disclaims any exclusive right to the phrase "Harina Pura de Trigo" apart from the mark shown in the drawing.

Particular description of goods.—Wheat Flour.
Claims use since May, 1924.

Ser. No. 243,194. MILES E. BRAMLEE, doing business as Laddie Products Company, Olean, N. Y. Filed Jan. 22, 1927.

LADDIE

Particular description of goods.—Mayonnaise; Sandwich Mixture Containing Eggs, Nuts, Vegetables, Spices, and Vinegar; Salads Containing Eggs, Olives, Vegetables, Roast Meat, and Vinegar; and Relishes Containing Eggs, Olives, Nuts, Spices, and Vinegar.

Claims use since May, 1, 1925.

Ser. No. 248,641. LEO LIEBER & CO., Philadelphia, Pa. Filed May 7, 1927.



Applicants disclaim the geographical and descriptive terms—Namely, "Net Weight 1 1/4 Oz., Philadelphia, Pa., Brazil Nut 5¢, Leo Lieber & Co."

Particular description of goods.—Candles.
Claims use since June 15, 1926.

Ser. No. 249,197. ELIAS M. SCOFF, Boston, Mass. Filed May 18, 1927.



Particular description of goods.—Salad or Cooking Oil.
Claims use since on or about Jan. 1, 1915.

Ser. No. 250,435. EDWIN BUNNELL, doing business as Milcfed Lamb Co., Willows, Calif. Filed June 13, 1927.

CALIFORNIA Sunshine Lambs MILCFED

The words "Lambs Milcfed" are disclaimed except as used in connection with the balance of the mark as shown.
Particular description of goods.—Live Lambs.
Claims use since May 10, 1927.

Ser. No. 250,680. CONTINENTAL BAKING COMPANY, Wilmington, Del., and New York, N. Y. Filed June 17, 1927.



Particular description of goods.—Cake.
Claims use since on or about May 2, 1927.

Ser. No. 250,688. THE FLORIDA PACKERS CORPORATION, Chipley, Fla. Filed June 17, 1927.

Florida Maid

Particular description of goods.—Canned Fruits and Canned Vegetables and Honey, Canned Berries.
Claims use since December, 1926.

Ser. No. 250,880. PAUL D. WILSON, Buffalo, N. Y., assignor to Frontier Products Corporation, North Tonawanda, N. Y., a Corporation of New York. Filed June 21, 1927.

YUMMY

Particular description of goods.—Preparation of Malt Chocolate in Powdered Form for Making Food Beverages.
Claims use since May 5, 1927.

Ser. No. 252,115. THE SPIFFY SPUDS COMPANY, Bennington, Vt. Filed July 15, 1927.

SPIFFYSPUDS

Particular description of goods.—Julienne Potatoes.
Claims use since July 7, 1927.

Ser. No. 252,227. SUNICAL PACKING COMPANY, San Francisco, Calif. Filed July 18, 1927.

SUNNICAL

Particular description of goods.—Canned and Dried Fruits, Canned and Dried Vegetables, Canned Tomatoes in Purée, Canned Tomato Purée Made from Trimmings, Canned Olives, Honey, Marmalade, Tomato Paste, Olive Oil, Mayonnaise, and Evaporated Apples.
Claims use since May 1, 1924.

Ser. No. 252,228. SUNICAL PACKING COMPANY, San Francisco, Calif. Filed July 18, 1927.

SUNNYCAL

Particular description of goods.—Canned and Dried Fruits, Canned and Dried Vegetables, Canned Tomatoes in Purée, Canned Tomato Purée Made from Trimmings, Canned Olives, Evaporated Apples, Honey, Marmalade, Tomato Paste, Olive Oil, and Mayonnaise.
Claims use since May 1, 1924.

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Ser. No. 252,229. SUNICAL PACKING COMPANY, San Francisco, Calif. Filed July 18, 1927.

SUNYCAL

Particular description of goods.—Canned and Dried Fruits, Canned and Dried Vegetables, Canned Tomatoes in Purée, Canned Olives, Mayonnaise, Honey, Marmalade, Tomato Paste, Olive Oil, Canned Tomato Purée Made from Trimmings, Evaporated Apples.
Claims use since May 1, 1924.

Ser. No. 252,373. FINNISH CO-OPERATIVE TRADING ASSOCIATION INC., Brooklyn, N. Y. Filed July 21, 1927.



The words "Consumers Co-operative" are disclaimed apart from the mark shown on the drawing.

Particular description of goods.—Rolls, Cakes, Biscuits, Hard-Tack, and Like Breads.
Claims use since January, 1927.

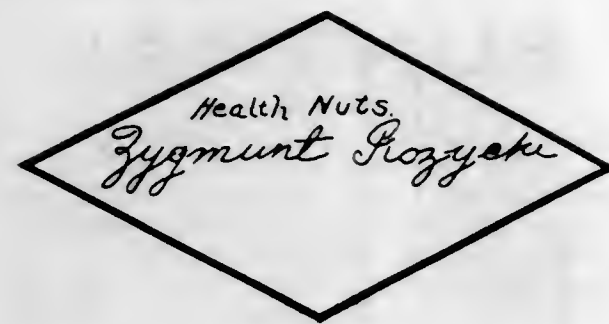
Ser. No. 252,501. THE CARSON SPECIALTY COMPANY, Oklahoma City, Okla. Filed July 25, 1927.



Applicant hereby disclaims the words "A Delicious Confection, Prize Package Net Wgt. 16 Oz. Sugar Sweet, The Carson Specialty Co., Oklahoma City, Okla., Popcorn Sweets, Trade-Mark" except in connection with the other features of the trade-mark.

Particular description of goods.—Pop-Corn Confections.
Claims use since June 1, 1927.

Ser. No. 252,568. ZYGMUNT ROZYCKI, Seattle, Wash.
Filed July 26, 1927.



The words "Health Nuts" are hereby disclaimed apart from the mark as shown. The trade-mark is a facsimile of applicant's signature.

Particular description of goods.—Doughnuts.
Claims use since June 20, 1927.

Ser. No. 252,610. THE METZ PACKING COMPANY, Concordia, Kans. Filed July 27, 1927.

SAMELAST

Particular description of goods.—Eggs and Dressed Poultry.
Claims use since 1908.

Ser. No. 252,790. QUINCY MARKET COLD STORAGE & WAREHOUSE CO., Boston, Mass. Filed July 30, 1927.



No claim is made to the wording appearing on the mark apart from the mark shown on the drawing.

Particular description of goods.—Eggs.
Claims use since Feb. 23, 1927.

Ser. No. 252,908. LONG ISLAND PACKING CO., Brooklyn, N. Y. Filed Aug. 2, 1927.

Blue Ribbon

Particular description of goods.—Peanut Butter.
Claims use since July 1, 1917.

Ser. No. 252,946. JOS. G. DYMSIA CO., Braddock, Pa.
Filed Aug. 3, 1927.



Particular description of goods.—Dill Pickles, Sour Pickles, Sweet Pickles, Sweet Mixed Pickles, Sweet Relish, Sweet Dill Pickles, White Distilled Vinegar, Pure Cider Vinegar, Tomato Catchup, Prepared Mustard, Selected Queen Olives, Selected Stuffed Olives, Hot Finger Peppers, Hot Cherry Peppers, Hot Mixed Peppers and Pickles, Sweet Pimiento Peppers, Dill Tomatoes, Cottonseed Salad Oil, Peanut Butter, Pure Apple Butter, Pure Jelly, Pure Fruit Preserves, Maple Sirup, Honey, Molasses, Salad Dressing.

Claims use since Apr. 29, 1927.

Ser. No. 253,379. LOOSE-WILES BISCUIT COMPANY, Kansas City, Mo. Filed Aug. 12, 1927.

FIGAREENS

Particular description of goods.—Fig Bars.
Claims use since Oct. 15, 1922.

Ser. No. 253,380. LOOSE-WILES BISCUIT COMPANY, Long Island City, N. Y. Filed Aug. 12, 1927.

SPUR

Particular description of goods.—Biscuit.
Claims use since July 8, 1927.

Ser. No. 253,529. ROBERT B. H. BELL, Denver, Colo.
Filed Aug. 16, 1927.

Honeysun Ice Cream

The exclusive right to the words "Ice Cream" is disclaimed apart from the mark as shown.

Particular description of goods.—Ice Cream.
Claims use since June 9, 1927.

Ser. No. 253,544. C. & E. MORTON, LIMITED, London, England. Filed Aug. 16, 1927.

INVICTA

Particular description of goods.—Tinned Preserved Fruits.
Claims use since March, 1925.

Ser. No. 253,546. THE OHIO VALLEY COFFEE CO., Portsmouth, Ohio. Filed Aug. 16, 1927.



Particular description of goods.—Rice.
Claims use since May 23, 1927.

Ser. No. 253,575. CLAREMONT CITRUS ASSOCIATION, Claremont, Calif. Filed Aug. 17, 1927.

HERON

Particular description of goods.—Fresh Citrous Fruits.
Claims use since July 27, 1927.

Ser. No. 253,576. CLAREMONT CITRUS ASSOCIATION, Claremont, Calif. Filed Aug. 17, 1927.

STORK

Particular description of goods.—Fresh Citrous Fruits.
Claims use since 1899.

Ser. No. 253,612. WENATCHEE PACKING CORPORATION, Wenatchee and Seattle, Wash. Filed Aug. 17, 1927.

LUCKY FIND

Particular description of goods.—Canned Fruits.
Claims use since Aug. 1, 1925.

CLASS 48.

MALT BEVERAGES, EXTRACTS, AND LIQUORS.

Ser. No. 237,069. THE FITGER COMPANY, Duluth, Minn.
Filed Sept. 10, 1926.

LIBERTY BREW

No claim being made to the word "Brew" appearing in the drawing apart from the mark as shown.

Particular description of goods.—Malt Cereal Beverage.
Claims use since Aug. 7, 1926.

CLASS 50.

MERCHANDISE NOT OTHERWISE CLASSIFIED.

Ser. No. 250,206. ALFRED L. SIMON & COMPANY, New York, N. Y. Filed June 8, 1927.

OSMITE

Particular description of goods.—Leather Substitutes.
Claims use since Dec. 1, 1926.

Ser. No. 251,355. ROBERT H. MESTER, St. Louis, Mo.
Filed June 30, 1927.

BUMPIT

Particular description of goods.—Rubber Desk-Leg Protectors, a Device for the Prevention of Scarring and Splintering of the Desk Edges and of the Chair When Struck Together.

Claims use since Mar. 1, 1926.

TRADE-MARK REGISTRATIONS GRANTED

[ACT OF FEBRUARY 20, 1905.]

SEPTEMBER 27, 1927.

233,151. ELECTRIC LAMPS. CELLO, INC., New York, N. Y.
Filed May 18, 1927. Serial No. 249,154. PUBLISHED JULY 19, 1927. Class 21.

233,152. BEARINGS. J. LESLIE MORRIS COMPANY, Los Angeles, Calif.
Filed May 17, 1927. Serial No. 249,131. PUBLISHED JULY 19, 1927. Class 23.

233,153. PACKING BOXES. DAVID M. LEA & COMPANY, Inc., Richmond, Va.
Filed May 17, 1927. Serial No. 249,130. PUBLISHED JULY 19, 1927. Class 2.

233,154. DYESTUFFS. GENERAL DYESTUFF CORPORATION, New York, N. Y.
Filed May 17, 1927. Serial No. 249,116. PUBLISHED JULY 19, 1927. Class 6.

233,155. PERFUMES, TOILET WATERS AND TOILET CREAMS, TOILET POWDERS AND ROUGES, AND DENTIFRICES IN PASTE, POWDER, AND LIQUID FORM. GABILLA, INCORPORATED, New York, N. Y.
Filed May 17, 1927. Serial No. 249,115. PUBLISHED JULY 19, 1927. Class 6.

233,156. UPHOLSTERY SPRINGS AND SPRING FILLERS. THE BRIDGEPORT CHAIN COMPANY, Bridgeport, Conn.
Filed May 17, 1927. Serial No. 249,111. PUBLISHED JULY 19, 1927. Class 32.

233,157. LIQUID-FUEL BURNERS. ROTAIR BURNER CORPORATION, San Francisco, Calif.
Filed May 16, 1927. Serial No. 249,097. PUBLISHED JULY 19, 1927. Class 34.

233,158. RAILWAY-TRACK OILER AND SPRAYING MACHINES AND RAILROAD SPREADERS (THE LATTER BEING A MACHINE FOR SPREADING BALLAST, DITCHING, BANK SHAPING, AND FOR DOING SNOWPLOW WORK AND ICE CUTTING ON RAILWAYS). O. F. JORDAN COMPANY, East Chicago, Ind.
Filed May 16, 1927. Serial No. 249,068. PUBLISHED JULY 19, 1927. Class 23.

233,159. MEDICINE FOR THE TREATMENT OF COCCIDIOSIS, DIARRHEA, WORMS, INTESTINAL PARASITES, ROUP, COLIC, AND POX IN POULTRY. "IT" PRODUCTS CO., Los Angeles, Calif.
Filed May 16, 1927. Serial No. 249,067. PUBLISHED JULY 19, 1927. Class 6.

233,160. STORE FURNISHINGS, FITTINGS, AND EQUIPMENT—NAMESLY, SHOW CASES, WARDROBES, SHELVING, TABLES, RACKS, UNITS, WALL CASES, AND THE LIKE. GRAND RAPIDS STORE EQUIPMENT CORPORATION, Grand Rapids and Sparta, Mich.
Filed May 16, 1927. Serial No. 249,063. PUBLISHED JULY 19, 1927. Class 32.

233,161. SETS OF ELECTRIC LIGHTS AND CIRCUIT INTERRUPTERS FOR CHRISTMAS-TREE DECORATION, ELECTRIC CIGARETTE LIGHTERS, CIRCUIT INTERRUPTERS ADAPTED FOR USE WITH AUTOMOBILE STOP LIGHTS. GENERAL APPLIANCE CORPORATION, Wilmington, Del., and San Francisco, Calif.
Filed May 16, 1927. Serial No. 249,057. PUBLISHED JULY 19, 1927. Class 21.

233,162. BABY CHICKS, EGGS FOR HATCHING, AND BREEDING POULTRY STOCK. E. A. JOHNSON, near Gordonsville, Va.
Filed May 14, 1927. Serial No. 249,008. PUBLISHED JULY 19, 1927. Class 46.

233,163. INSECTICIDE. WESTERN LABORATORIES, INC., Phoenix, Ariz.
Filed May 14, 1927. Serial No. 249,029. PUBLISHED JULY 19, 1927. Class 6.

233,164. CERTAIN NAMED MEDICINAL PREPARATIONS. WALKER SAUNDERS, Number Four, N. Y.
Filed May 13, 1927. Serial No. 248,977. PUBLISHED JULY 19, 1927. Class 6.

233,165. CANDY. FLAVOUR CANDY CO., Chicago, Ill.
Filed May 14, 1927. Serial No. 249,000. PUBLISHED JULY 19, 1927. Class 46.

233,166. FRATERNITY PINS, BADGES, LAPEL BUTTONS, CUFF LINKS, TIE CLASPS, CHARMS, AND FINGER RINGS. INTERNATIONAL FRATERNITY OF DELTA SIGMA PI, Chicago, Ill.
Filed May 12, 1927. Serial No. 248,912. PUBLISHED JULY 19, 1927. Class 28.

233,167. WATCHES AND WATCH MOVEMENTS. KORONES BROTHERS, New York, N. Y.
Filed May 12, 1927. Serial No. 248,913. PUBLISHED JULY 19, 1927. Class 27.

233,168. WATCHES. SMITH AMERICA INC., New York, N. Y.
Filed May 12, 1927. Serial No. 248,937. PUBLISHED JULY 19, 1927. Class 27.

233,169. MOUTH WASH AND TOOTH PASTE. GEO. B. CLEMENT, Meridian, Miss.
Filed May 13, 1927. Serial No. 248,953. PUBLISHED JULY 19, 1927. Class 6.

233,170. WHITE LEAD AND READY-MIXED PAINTS. JOHN LUCAS & CO., INC., Philadelphia, Pa.
Filed May 13, 1927. Serial No. 248,960. PUBLISHED JULY 19, 1927. Class 16.

233,171. WATCHES. THE GRUEN WATCH COMPANY, Time Hill, Cincinnati, Ohio.
Filed May 12, 1927. Serial No. 248,901. PUBLISHED JULY 19, 1927. Class 27.

233,172. MUFFLERS AND CUT-OUTS FOR INTERNAL-COMBUSTION ENGINES AND PARTS OF THE SAME. JOHN E. GOERLICH, Toledo, Ohio.
Filed May 12, 1927. Serial No. 248,896. PUBLISHED JULY 19, 1927. Class 23.

233,173. MUFFLERS AND CUT-OUTS FOR INTERNAL-COMBUSTION ENGINES AND PARTS OF THE SAME. JOHN E. GOERLICH, Toledo, Ohio.
Filed May 12, 1927. Serial No. 248,895. PUBLISHED JULY 19, 1927. Class 23.

233,174. TOWELS, BATH MATS, CURTAINS, QUILTS, COUNTERPANES, BEDSPREADS, SHEETS, PILLOWCASES, BOLSTER CASES, ALL BEING GOODS MADE OF COTTON OR PRINCIPALLY OF COTTON. BARLOW & JONES, LIMITED, Manchester, England.
Filed May 12, 1927. Serial No. 248,873. PUBLISHED JULY 19, 1927. Class 42.

233,175. NAILS. KEYSTONE STEEL & WIRE COMPANY, South Bartonville, Peoria, Ill.
Filed May 11, 1927. Serial No. 248,844. PUBLISHED JULY 19, 1927. Class 13.

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233,176. LACQUERS, PAINT ENAMELS, AND THINNERS. T. J. RONAN CO., INC., Brooklyn, N. Y.
Filed May 10, 1927. Serial No. 248,796. PUBLISHED JULY 19, 1927. Class 16.

233,177. KEYHOLE LOCK. SIGURD J. HOFF, doing business as Keelock Manufacturing Co., New York, N. Y.
Filed May 10, 1927. Serial No. 248,774. PUBLISHED JULY 19, 1927. Class 25.

233,178. FOLDING PAPER CONTAINERS USED FOR PACKING, DISPLAYING, AND DISPENSING MERCHANDISE. ARNOLD J. TANNER, doing business as O-T Manufacturing Company, New Haven, Conn.
Filed May 9, 1927. Serial No. 248,735. PUBLISHED JULY 19, 1927. Class 2.

233,179. ELECTRIC-ARC LAMPS USED FOR THERAPEUTIC PURPOSES. SANITARIUM AND HOSPITAL EQUIPMENT COMPANY, Battle Creek, Mich.
Filed May 9, 1927. Serial No. 248,729. PUBLISHED JULY 19, 1927. Class 44.

233,180. PUTTY. DANIEL E. PAPPENFUS, doing business as Duratite Putty Company, Long Beach, Calif.
Filed May 9, 1927. Serial No. 248,716. PUBLISHED JULY 19, 1927. Class 16.

233,181. MATTRESSES AND BED SPRINGS. NATIONAL SPRING & WIRE CO., Grand Rapids, Mich.
Filed May 9, 1927. Serial No. 248,712. PUBLISHED JULY 19, 1927. Class 32.

233,182. MATTRESSES AND BED SPRINGS. NATIONAL SPRING & WIRE CO., Grand Rapids, Mich.
Filed May 9, 1927. Serial No. 248,711. PUBLISHED JULY 19, 1927. Class 32.

233,183. CLOTH FOR ALL ARTICLES DESIGNED OR USED FOR PROTECTION OF HUMAN BEINGS, ANIMALS, OR PROPERTY FROM THE ELEMENTS, WEATHER, OR OTHERWISE, AND SUCH AS TENTS, SHEETS, COVERS, AND THE LIKE. THE BROOKS TENT & AWNING COMPANY, Denver, Colo.
Filed May 9, 1927. Serial No. 248,671. PUBLISHED JULY 19, 1927. Class 42.

233,184. HULLED AND CLEANED POPPING CORN. THE ALBERT DICKINSON COMPANY, Chicago, Ill.
Filed May 9, 1927. Serial No. 248,664. PUBLISHED JULY 19, 1927. Class 46.

233,185. WELDING WIRE. E. D. GIBERSON & COMPANY, INC., New York, N. Y.
Filed May 7, 1927. Serial 248,631. PUBLISHED JULY 19, 1927. Class 14.

233,186. POP-CORN CONFECTIONS. ANTHONY C. RIESSELMAN, LeRoy, N. Y.
Filed May 6, 1927. Serial No. 248,595. PUBLISHED JULY 19, 1927. Class 46.

233,187. CARBON PAPER AND TYPEWRITER RIBBONS. THE FRANKLIN-KELLY COMPANY, Chicago, Ill.
Filed May 6, 1927. Serial No. 248,562. PUBLISHED JULY 19, 1927. Class 11.

233,188. POTATO CHIPS. EHRET CHEESE COMPANY, Inc., Chicago, Ill.
Filed May 5, 1927. Serial No. 248,482. PUBLISHED JULY 19, 1927. Class 46.

233,189. WOOLEN TEXTILE FABRICS IN THE PIECE. THE ATLANTIC MILLS, Olneyville, R. I., and Stottville, N. Y.
Filed May 5, 1927. Serial No. 248,468. PUBLISHED JULY 19, 1927. Class 42.

233,190. FABRIC VALANCES. H. F. WALLISER COMPANY, Chicago, Ill.
Filed May 5, 1927. Serial No. 248,538. PUBLISHED JULY 19, 1927. Class 42.

233,191. MATTRESSES, BOX SPRINGS, AND BED PILLOWS. THE BALLYRAT MANUFACTURING COMPANY, Mansfield, Ohio.
Filed May 28, 1927. Serial No. 249,692. PUBLISHED JULY 19, 1927. Class 32.

233,192. DUPLEX ALUMINUM AND ALUMINUM-BASE ALLOYS. ALUMINUM COMPANY OF AMERICA, Pittsburgh, Pa.
Filed May 28, 1927. Serial No. 249,691. PUBLISHED JULY 19, 1927. Class 14.

233,193. WIRE FABRIC FOR SCREENING PURPOSES. THE W. S. TYLER COMPANY, Cleveland, Ohio.
Filed May 27, 1927. Serial No. 249,653. PUBLISHED JULY 19, 1927. Class 13.

233,194. LADIES' HAND BAGS. STRAND HAND BAG CO., INC., New York, N. Y.
Filed May 27, 1927. Serial No. 249,682. PUBLISHED JULY 19, 1927. Class 3.

233,195. FUEL ECONOMIZER FOR HEATING PLANTS. ROBERT P. KING, Ellsworth, Me.
Filed May 27, 1927. Serial No. 249,662. PUBLISHED JULY 19, 1927. Class 34.

233,196. ARCH SUPPORTS. AUGUSTUS B. DE VILLE, Cleveland, Ohio.
Filed May 27, 1927. Serial No. 249,647. PUBLISHED JULY 19, 1927. Class 44.

233,197. ARCH SUPPORTS. AUGUSTUS B. DE VILLE, Cleveland, Ohio.
Filed May 27, 1927. Serial No. 249,646. PUBLISHED JULY 19, 1927. Class 44.

233,198. PREPARATIONS FOR THE HAIR AND SCALP. JAMES C. THOMPSON, doing business as James C. Thompson & Co., Wytheville, Va.
Filed May 26, 1927. Serial No. 249,616. PUBLISHED JULY 19, 1927. Class 6.

233,199. COTTON, SILK, AND WOOL CURTAINS AND COTTON, SILK, AND WOOL DRAPERIES. DAVID SIMON, doing business as The Jay-Tee Mfg. Co., Chicago, Ill.
Filed May 26, 1927. Serial No. 249,610. PUBLISHED JULY 19, 1927. Class 42.

233,200. A CHEMICAL PREPARATION FOR CLEARING AND CLEANING STOPPED-UP DRAIN AND SEWER PIPES. PURITAN CHEMICAL COMPANY, Atlanta, Ga.
Filed May 26, 1927. Serial No. 249,603. PUBLISHED JULY 19, 1927. Class 6.

233,201. FACE CLOTHS, TEXTILE BATH MATS, BEDSPREADS OF COTTON AND TERRY AND CHENILLE, AND TABLE LINENS, TOWELS, SHEETS, PILLOWCASES, AND BEDSPREADS OF LINEN. A. S. HERRMANN, INC., New York, N. Y.
Filed May 26, 1927. Serial No. 249,586. PUBLISHED JULY 19, 1927. Class 42.

233,202. SPRING MOTORS. THE GENERAL INDUSTRIES COMPANY, Elyria, Ohio.
Filed May 26, 1927. Serial No. 249,584. PUBLISHED JULY 19, 1927. Class 23.

233,203. SPRING MOTORS. THE GENERAL INDUSTRIES COMPANY, Elyria, Ohio.
Filed May 26, 1927. Serial No. 249,583. PUBLISHED JULY 19, 1927. Class 23.

233,204. NARCOTICS FOR RECTAL ADMINISTRATION. I. G. FARBENINDUSTRIE AKTIENGESELLSCHAFT, Frankfurt-on-the-Main and Leverkusen, near Cologne-on-the-Rhine, Germany.
Filed May 26, 1927. Serial No. 249,580. PUBLISHED JULY 19, 1927. Class 6.

233,205. CANNED VEGETABLES—NAMESLY, PEAS, CORN, SPINACH, STRING BEANS, WAX BEANS, TOMATOES, KIDNEY BEANS; CANNED FISH—NAMESLY, SALMON, SARDINES, AND TUNNY FISH; CANNED FRUIT—NAMESLY, PEARS, PEACHES, CHERRIES, PINEAPPLE; CANNED BERRIES—NAMESLY, RASPBERRIES, STRAWBERRIES, AND BLACKBERRIES. BANNER WHOLESALE GROCERY CO., Chicago, Ill.
Filed May 26, 1927. Serial No. 249,566. PUBLISHED JULY 19, 1927. Class 46.

- 233,206. STOCK FEED—NAMELY, BREWERS' DRIED GRAINS. BADGER GRAINS AND FEED CO., Milwaukee, Wis.
Filed May 26, 1927. Serial No. 249,565. PUBLISHED JULY 19, 1927. Class 46.
- 233,207. CANNED FRUITS, CANNED FISH, AND CANNED VEGETABLES. F. E. BOOTH CO., San Francisco, Calif.
Filed May 25, 1927. Serial No. 249,498. PUBLISHED JULY 19, 1927. Class 46.
- 233,208. BAKING POWDER. CALVIN M. PRARIE, doing business as The Titan Baking Powder Co., Plattsburg, N. Y.
Filed May 24, 1927. Serial No. 249,488. PUBLISHED JULY 19, 1927. Class 6.
- 233,209. DRIED FRUITS, CANNED FRUITS, CANNED VEGETABLES, AND CANNED FISH. O'MALLEY-ABELING COMPANY, San Francisco, Calif.
Filed May 24, 1927. Serial No. 249,485. PUBLISHED JULY 19, 1927. Class 46.
- 233,210. VACUUM BOTTLES. GUTH, STERN & CO., Inc., New York, N. Y.
Filed May 24, 1927. Serial No. 249,475. PUBLISHED JULY 19, 1927. Class 2.
- 233,211. DAIRY FEED. PEOPLES MILLING COMPANY, Muskegon, Mich.
Filed June 6, 1927. Serial No. 250,094. PUBLISHED JULY 12, 1927. Class 46.
- 233,212. CORN MEAL AND FEED. MODEL MILL COMPANY, INC., Johnson City, Tenn.
Filed June 6, 1927. Serial No. 250,085. PUBLISHED JULY 19, 1927. Class 46.
- 233,213. PRIMERS, SURFACERS, PRIMER SURFACERS, AND VARNISHES. VALENTINE & COMPANY, New York, N. Y.
Filed June 4, 1927. Serial No. 250,051. PUBLISHED JULY 19, 1927. Class 16.
- 233,214. PETROLEUM, KEROSENE, GASOLINE, NAPHTHA, LUBRICATING OILS, LUBRICATING GREASES, ROAD OIL, CRUDE OIL, FUEL OIL, PARAFFINS, FLUX OIL, AND CUTTING OIL. LION OIL COMPANY, Chicago, Ill.
Filed June 3, 1927. Serial No. 249,973. PUBLISHED JULY 19, 1927. Class 15.
- 233,215. ICE-CREAM FREEZERS. BELKNAP HARDWARE & MANUFACTURING COMPANY, Louisville, Ky.
Filed June 3, 1927. Serial No. 249,941. PUBLISHED JULY 19, 1927. Class 31.
- 233,216. CANDIES. LYDIA DARRAH CANDY SHOPS, INC., Minneapolis, Minn.
Filed June 2, 1927. Serial No. 249,913. PUBLISHED JULY 19, 1927. Class 46.
- 233,217. MATCHES. JÖNKÖPINGS OCH VULCANS TÄNDSTICKSFABRIKSÄKTIEBOLAG, Jönköping, Sweden.
Filed June 2, 1927. Serial No. 249,908. PUBLISHED JULY 19, 1927. Class 9.
- 233,218. WATCHES AND PARTS THEREOF. DIEL WATCH CASE CO., INC., New York, N. Y.
Filed June 2, 1927. Serial No. 249,894. PUBLISHED JULY 19, 1927. Class 27.
- 233,219. PETROLEUM AND PRODUCTS OF PETROLEUM, WITH OR WITHOUT ADMIXTURE OF OTHER MATERIALS, FOR ILLUMINATING, HEATING, POWER, BURNING, LUBRICATING, GREASING, SOLVENT, SEALING, WAXING, WATERPROOFING, COATING, RUST PREVENTING, SURFACE PRESERVING, AND TEMPERING. STANDARD OIL COMPANY OF NEW YORK, New York, N. Y.
Filed June 1, 1927. Serial No. 249,871. PUBLISHED JULY 19, 1927. Class 15.
- 233,220. WRENCHES. JOHN A. ROEBLING'S SONS COMPANY, Trenton, N. J.
Filed June 1, 1927. Serial No. 249,868. PUBLISHED JULY 19, 1927. Class 23.

- 233,221. MEDICINE FOR THE RELIEF OF COUGHS, COLDS, INFLUENZA, BRONCHITIS, AND SIMILAR COMPLAINTS IN POULTRY AND LIVE STOCK. GEO. H. LEE CO., Omaha, Nebr.
Filed June 1, 1927. Serial No. 249,856. PUBLISHED JULY 19, 1927. Class 6.
- 233,222. HUMIDIFIERS, AIR-MOISTENING, AIR-WASHING, AIR-PURIFYING, AIR-COOLING, AND AIR-CONDITIONING APPARATUS. ZEPHYR WASHED AIR COMPANY, Minneapolis, Minn.
Filed May 31, 1927. Serial No. 249,829. PUBLISHED JULY 19, 1927. Class 34.
- 233,223. PASSENGER-CARRYING AUTOMOBILES. THE WILLYS-OVERLAND COMPANY, Toledo, Ohio.
Filed May 31, 1927. Serial No. 249,828. PUBLISHED JULY 19, 1927. Class 19.
- 233,224. PASSENGER-CARRYING AUTOMOBILES. THE WILLYS-OVERLAND COMPANY, Toledo, Ohio.
Filed May 31, 1927. Serial No. 249,827. PUBLISHED JULY 19, 1927. Class 19.
- 233,225. COTTON PIECE GOODS. ASHTON & CO. (ESTD. 1787) LIMITED, Manchester, England.
Filed May 31, 1927. Serial No. 249,773. PUBLISHED JULY 19, 1927. Class 42.
- 233,226. WATCHES AND PARTS THEREOF. ALEX. SARIN & SONS, New York, N. Y.
Filed May 28, 1927. Serial No. 249,753. PUBLISHED JULY 19, 1927. Class 27.
- 233,227. CERTAIN TEXTILE FABRICS FOR USE IN MEDICAL, SURGICAL, AND SIMILAR BANDAGES, SLINGS, AND THE LIKE—VIZ. GAUZE OR CHEESECLOTH. GRISWOLDVILLE MFG. COMPANY, New York, N. Y.
Filed May 28, 1927. Serial No. 249,722. PUBLISHED JULY 19, 1927. Class 44.
- 233,228. OINTMENT FOR BURNS, CUTS, SPRAINS, BOILS, HEAD AND CHEST COLDS, AND SORE THROAT. CENTRAL WEST LABORATORIES, Chicago, Ill.
Filed May 28, 1927. Serial No. 249,704. PUBLISHED JULY 19, 1927. Class 6.
- 233,229. CERTAIN NAMED TOILET AND PHARMACEUTICAL PREPARATIONS. FULLER AND FULLER, Los Angeles, Calif.
Filed April 28, 1927. Serial No. 248,095. PUBLISHED JULY 19, 1927. Class 6.
- 233,230. LIQUID AND PASTE PAINTS AND ENAMELS. WADSWORTH HOWLAND & CO. INCORPORATED, Boston, Mass.
Filed May 23, 1927. Serial No. 249,451. PUBLISHED JULY 19, 1927. Class 16.
- 233,231. MEDICINE USED IN THE TREATMENT OF FOWLS FOR WHITE DIARRHEA, ROUP, COLDS, SOREHEAD, CHICKEN POX, CHOLERA, AND BOWEL TROUBLE. I. D. RUSSELL, doing business as I. D. Russell Company, Kansas City, Mo.
Filed May 23, 1927. Serial No. 249,444. PUBLISHED JULY 19, 1927. Class 6.
- 233,232. LAXATIVES. REMEDY PRODUCTS, INC., New York, N. Y.
Filed May 23, 1927. Serial No. 249,440. PUBLISHED JULY 19, 1927. Class 6.
- 233,233. FRESH OR SALTED PEANUTS, NOT CONSTITUTING CONFECTIONS. TOM HUSTON, doing business as Tom Huston Peanut Company, Columbus, Ga.
Filed December 20, 1926. Serial No. 241,720. PUBLISHED JULY 19, 1927. Class 46.
- 233,234. BEVERAGES CONTAINING CLAM JUICE AND PACKED IN CONTAINERS. MAYFAIR PRODUCTS, INC., New York, N. Y.
Filed November 24, 1926. Serial No. 240,559. PUBLISHED MAY 17, 1927. Class 46.
- 233,235. CANDIES. THE BETTY ANN CANDY COMPANY, Sidney, Ohio.
Filed November 9, 1926. Serial No. 239,842. PUBLISHED APRIL 19, 1927. Class 46.

- 233,236. JEWELRY FOR PERSONAL WEAR, NOT INCLUDING WATCHES. THETA KAPPA NU FRATERNITY, Springfield, Mo., and Cleveland, Ohio.
Filed October 29, 1926. Serial No. 239,437. PUBLISHED JULY 19, 1927. Class 28.
- 233,237. DRESSED POULTRY. A. W. BEAR COMMISSION COMPANY, Kansas City, Mo.
Filed October 22, 1926. Serial No. 239,017. PUBLISHED FEBRUARY 15, 1927. Class 46.
- 233,238. DRESSED POULTRY. A. W. BEAR COMMISSION COMPANY, Kansas City, Mo.
Filed October 22, 1926. Serial No. 239,016. PUBLISHED FEBRUARY 15, 1927. Class 46.
- 233,239. DRESSED POULTRY. A. W. BEAR COMMISSION COMPANY, Kansas City, Mo.
Filed October 22, 1926. Serial No. 239,015. PUBLISHED FEBRUARY 15, 1927. Class 46.
- 233,240. DRESSED POULTRY. A. W. BEAR COMMISSION COMPANY, Kansas City, Mo.
Filed October 22, 1926. Serial No. 239,014. PUBLISHED FEBRUARY 15, 1927. Class 46.
- 233,241. KITCHEN CABINETS, SECTIONAL KITCHEN CABINETS, WALL CABINETS, BROOM CABINETS, AND VACUUM CLEANER CABINETS. HARTMAN WHOLESALE CORPORATION, Chicago, Ill.
Filed October 21, 1926. Serial No. 238,973. PUBLISHED JULY 19, 1927. Class 32.
- 233,242. HEAVY HARDWARE—NAMELY, TACKLE AND HOISTING BLOCKS AND SHEAVES. BOSTON & LOCKPORT BLOCK COMPANY, East Boston, Mass.
Filed October 14, 1926. Serial No. 238,568. PUBLISHED JULY 19, 1927. Class 23.
- 233,243. COFFEE. TAI HING COMPANY, Honolulu, Territory of Hawaii.
Filed September 29, 1926. Serial No. 237,929. PUBLISHED JULY 19, 1927. Class 46.
- 233,244. CANNED FISH. R. E. COTTER COMPANY, San Francisco, Calif.
Filed September 7, 1926. Serial No. 236,911. PUBLISHED APRIL 19, 1927. Class 46.
- 233,245. PACKAGING MACHINERY—NAMELY, CARTON-SEALING MACHINES, MACHINES FOR AUTOMATICALLY FILLING PREDETERMINED AMOUNTS OF PRODUCTS INTO RECEPTACLES, CARTON-FORMING MACHINES, CONTAINER-SEALING MACHINES, PACKING AND WRAPPING TABLES, SPECIAL MACHINERY MADE TO ORDER, DIES, AND REPAIR PARTS THEREFOR. J. L. FERGUSON COMPANY, Joliet, Ill.
Filed July 27, 1926. Serial No. 235,200. PUBLISHED JULY 19, 1927. Class 23.
- 233,246. ARCH SUPPORTS. THE SCHOLL MFG. CO. INC., Chicago, Ill.
Filed July 23, 1926. Serial No. 234,991. PUBLISHED NOVEMBER 9, 1926. Class 44.
- 233,247. LIVE BABY CHICKS. AMERICAN BABY CHICK PRODUCERS ASSOCIATION, Peoria, Ill.
Filed July 7, 1926. Serial No. 234,243. PUBLISHED JULY 19, 1927. Class 46.
- 233,248. A PAINT REMOVER. SHOSAKU ISHIYAMA, doing business as Stone Chemical Products Co., Los Angeles, Calif.
Filed July 3, 1926. Serial No. 234,124. PUBLISHED JULY 19, 1927. Class 16.
- 233,249. BANANAS. UNITED FRUIT COMPANY, Jersey City, N. J., and Boston, Mass.
Filed June 16, 1926. Serial No. 233,336. PUBLISHED JULY 19, 1927. Class 46.
- 233,250. SPECIAL MACHINERY. STEAM TURBINES, HYDRAULIC TURBINES, GATE-OPERATING GEAR AND MECHANICAL RACK RAKES. NEWPORT NEWS SHIPBUILDING AND DRY DOCK COMPANY, Newport News, Va.
Filed June 4, 1926. Serial No. 232,738. PUBLISHED JULY 19, 1927. Class 23.
- 233,251. SILK PIECE GOODS. NEMOUR SILK CORPORATION, New York, N. Y.
Filed June 3, 1926. Serial No. 232,687. PUBLISHED JULY 19, 1927. Class 42.
- 233,252. FERROUS METALS AND METAL ARMOR FOR VEHICLES AND SHIPS AND STRUCTURAL ELEMENTS SUCH AS BANK TURRETS, CAGES, AND PARTITIONS. AMERICAN ARMOR CORPORATION, New York, N. Y.
Filed June 3, 1926. Serial No. 232,646. PUBLISHED JULY 19, 1927. Class 14.
- 233,253. BABY CARRIAGES. BILT-RITE BABY CARRIAGE CO., Brooklyn, N. Y.
Filed June 17, 1927. Serial No. 250,674. PUBLISHED JULY 19, 1927. Class 19.
- 233,254. GLASS TABLE AND COUNTER TOPS, WAINSCOTING, PLATE AND SHEET GLASS, AND MOLDED AND FORMED GLASS ARTICLES. WELLS GLASS COMPANY, Kokomo, Ind.
Filed June 16, 1927. Serial No. 250,657. PUBLISHED JULY 19, 1927. Class 33.
- 233,255. FERTILIZERS. UNIFORM PRODUCTS COMPANY, Lancaster, Pa.
Filed June 15, 1927. Serial No. 250,582. PUBLISHED JULY 19, 1927. Class 10.
- 233,256. FERTILIZERS. UNIFORM PRODUCTS COMPANY, Lancaster, Pa.
Filed June 15, 1927. Serial No. 250,581. PUBLISHED JULY 19, 1927. Class 10.
- 233,257. DENTAL GOLD. GEORGE J. WEINSTEIN, doing business as George J. Weinstein Co., Cleveland, Ohio.
Filed February 26, 1927. Serial No. 244,965. PUBLISHED JULY 19, 1927. Class 44.
- 233,258. A COMPOUND ADHESIVE FLUID FOR USE FOR WOVEN FABRICS, CARPETS, AND RUGS. ARTHUR G. PENMAN, Toronto, Ontario, Canada.
Filed February 23, 1927. Serial No. 244,787. PUBLISHED JULY 19, 1927. Class 5.
- 233,259. A COMPOUND ADHESIVE FLUID FOR USE FOR WOVEN FABRICS, CARPETS, AND RUGS. ARTHUR G. PENMAN, Toronto, Ontario, Canada.
Filed February 23, 1927. Serial No. 244,786. PUBLISHED JULY 19, 1927. Class 5.
- 233,260. DESKS, FILING CABINETS, AND PARTS THEREOF. THE CLEMENSEN COMPANY, Chicago, Ill.
Filed February 23, 1927. Serial No. 244,743. PUBLISHED JULY 19, 1927. Class 32.
- 233,261. HOME REMEDY FOR COUGHS AND COLDS. MATHIEU & SMITH, Patchogue, N. Y.
Filed February 19, 1927. Serial No. 244,620. PUBLISHED JULY 19, 1927. Class 6.
- 233,262. SURGICAL DRESSINGS, GAUZE PRODUCTS, ADHESIVE PRODUCTS, AND ABSORBENT COTTON—NAMELY, SURGICAL GAUZE, BANDAGES, AND ADHESIVE PLASTERS. THE BAY COMPANY, Bridgeport, Conn.
Filed February 12, 1927. Serial No. 244,273. PUBLISHED JULY 19, 1927. Class 44.
- 233,263. SURGICAL DRESSINGS, GAUZE PRODUCTS, ADHESIVE PRODUCTS, AND ABSORBENT COTTON—NAMELY, SURGICAL GAUZE BANDAGES AND ADHESIVE PLASTER. THE BAY COMPANY, Bridgeport, Conn.
Filed February 12, 1927. Serial No. 244,272. PUBLISHED JULY 19, 1927. Class 44.
- 233,264. TABLES FOR THE DISPLAY OF GROCERIES, VEGETABLES, ETC., IN GROCERY STORES AND THE LIKE. CICERO LAHATTE, Vicksburg, Miss.
Filed February 5, 1927. Serial No. 243,862. PUBLISHED JULY 19, 1927. Class 32.
- 233,265. PHOTOGRAPHIC COPYING MACHINES. FRANCISCUS GOMARUS MORTELMANS, The Hague, Netherlands.
Filed February 4, 1927. Serial No. 243,820. PUBLISHED JULY 19, 1927. Class 26.

- 233,268. LUBRICATING GREASES. ADAM COOK'S SONS, INC., New York, N. Y.
Filed February 3, 1927. Serial No. 243,751. PUBLISHED JULY 19, 1927. Class 15.
- 233,267. PAINTS OF EVERY DESCRIPTION—NAMELY, READY-MIXED PAINTS, ENAMELS, COLORS IN OIL, LACQUERS, WOOD FILLER, OIL AND VARNISH STAINS. O'NEIL DURO COMPANY, Milwaukee, Wis.
Filed February 2, 1927. Serial No. 243,725. PUBLISHED JULY 19, 1927. Class 16.
- 233,268. CANNED CORNED BEEF. EMERY FOOD COMPANY, Chicago, Ill.
Filed February 2, 1927. Serial No. 243,693. PUBLISHED JULY 19, 1927. Class 46.
- 233,269. CUTTER HEADS, THREAD-CUTTING MACHINES, CUTTERS THEREFOR, AND PARTS THEREOF. LANDIS MACHINE COMPANY, Waynesboro, Pa.
Filed January 25, 1927. Serial No. 243,316. PUBLISHED JULY 19, 1927. Class 23.
- 233,270. SUGAR BAG CLOTH FOR COVERING BALES OF GINNED COTTON (THE CLOTH IS IN THE PIECE AND A PLURALITY OF PIECES ARE PREFERABLY BUNDLED FOR EACH BALE). MENTE & CO. INC., New Orleans, La.
Filed January 12, 1927. Serial No. 242,735. PUBLISHED JULY 19, 1927. Class 42.
- 233,271. CHEWING GUM. REMINDERS CORPORATION, New York, N. Y.
Filed December 27, 1926. Serial No. 242,022. PUBLISHED JULY 19, 1927. Class 46.
- 233,272. FRESH CITROUS FRUITS—NAMELY, ORANGES, LEMONS, AND GRAPEFRUIT. THE PORTERVILLE CITRUS ASSOCIATION, Porterville, Calif.
Filed December 22, 1926. Serial No. 241,841. PUBLISHED JULY 19, 1927. Class 46.
- 233,273. FRESH CITROUS FRUITS—NAMELY, ORANGES, LEMONS, AND GRAPEFRUIT. THE PORTERVILLE CITRUS ASSOCIATION, Porterville, Calif.
Filed December 22, 1926. Serial No. 241,840. PUBLISHED JULY 19, 1927. Class 46.
- 233,274. FRESH CITROUS FRUITS—NAMELY, ORANGES, LEMONS, AND GRAPEFRUIT. THE PORTERVILLE CITRUS ASSOCIATION, Porterville, Calif.
Filed December 22, 1926. Serial No. 241,839. PUBLISHED JULY 19, 1927. Class 46.
- 233,275. LEATHER BAGS, HAND BAGS, MONEY BAGS, CHANGE BAGS, AND TRAVELING BAGS. THE BEDELL COMPANY, New York, N. Y.
Filed December 22, 1926. Serial No. 241,806. PUBLISHED JULY 19, 1927. Class 3.
- 233,276. EXHAUST-OPERATED AUTOMOBILE WHISTLES. S. T. JESSOP CO., INC., Chicago, Ill.
Filed May 23, 1927. Serial No. 249,426. PUBLISHED JULY 19, 1927. Class 23.
- 233,277. COTTON-PIECE GOODS. THE HARRIS COMPANY, INC., New York, N. Y.
Filed May 23, 1927. Serial No. 249,418. PUBLISHED JULY 19, 1927. Class 42.
- 233,278. ICE-CREAM REFRIGERATOR CABINETS. THE GRAND RAPIDS CABINET COMPANY, Grand Rapids, Mich.
Filed May 23, 1927. Serial No. 249,414. PUBLISHED JULY 19, 1927. Class 31.
- 233,279. PAPER WASHERS, RUBBER WASHERS, ASBESTOS WASHERS, AND FELT WASHERS. ETHEL S. WAGENSELLER, Philadelphia, Pa.
Filed May 21, 1927. Serial No. 249,395. PUBLISHED JULY 19, 1927. Class 35.
- 233,280. SILK FABRICS. A. M. TURELL FABRICS CORPORATION, New York, N. Y.
Filed May 21, 1927. Serial No. 249,389. PUBLISHED JULY 19, 1927. Class 42.
- 233,281. SILK FABRICS. A. M. TURELL FABRICS CORPORATION, New York, N. Y.
Filed May 21, 1927. Serial No. 249,388. PUBLISHED JULY 19, 1927. Class 42.
- 233,282. WATCHES, WATCHCASES, AND WATCH MOVEMENTS. KATZ & OGUSHI, INC., New York, N. Y.
Filed May 21, 1927. Serial No. 249,356. PUBLISHED JULY 19, 1927. Class 27.
- 233,283. MOTION-PICTURE FILMS. HEARST NEWS SERVICE, INC., New York, N. Y.
Filed May 21, 1927. Serial No. 249,351. PUBLISHED JULY 19, 1927. Class 26.
- 233,284. HIGH-SPEED-STEEL MACHINE KNIVES. THE WAPAKONETA MACHINE CO., Wapakoneta, Ohio.
Filed May 20, 1927. Serial No. 249,310. PUBLISHED JULY 19, 1927. Class 23.
- 233,285. LINIMENT FOR EXTERNAL USE TO BE USED FOR RHEUMATISM, NEURALGIA, LUMBAGO, AND BURNING FEET. SIDNEY KRAMER, doing business as Kratex Co., Syracuse, N. Y.
Filed May 20, 1927. Serial No. 249,277. PUBLISHED JULY 19, 1927. Class 6.
- 233,286. CERTAIN NAMED TOILET PREPARATIONS. THE J. R. WATKINS COMPANY, Winona, Minn.
Filed May 19, 1927. Serial No. 249,248. PUBLISHED JULY 19, 1927. Class 6.
- 233,287. GASOLINE, KEROSENE, LUBRICATING OIL AND LUBRICATING GREASE. THE MICHIGANNE OIL COMPANY, Ann Arbor, Mich.
Filed May 19, 1927. Serial No. 249,231. PUBLISHED JULY 19, 1927. Class 15.
- 233,288. DRAFTING-ROOM FURNITURE—NAMELY, BLUE-PRINT CABINETS, PIGEONHOLE CABINETS, DRAFTING-ROOM CABINETS, COMBINATION TABLES AND FILING CABINETS, DRAWING TABLES, ARTISTS' AUXILIARY TABLES, ADJUSTABLE TABLES, TRACING TABLES, WOODEN HORSES, SECTIONAL COUNTERS, CARD-FILE UNITS, VERTICAL PLAN-FILE UNITS, VERTICAL V PLAN FILES, STOOLS, DRAWING PROTECTORS, AND COMPRESSORS. HAMILTON MANUFACTURING COMPANY, Two Rivers, Wis.
Filed May 19, 1927. Serial No. 249,223. PUBLISHED JULY 19, 1927. Class 32.
- 233,289. HAIR NETS MADE FROM HAIR. THEO. H. GARY CO., New York, N. Y.
Filed May 19, 1927. Serial No. 249,219. PUBLISHED JULY 19, 1927. Class 42.
- 233,290. CANDY. JOHN P. SULLIVAN, Omaha, Nebr.
Filed May 18, 1927. Serial No. 249,203. PUBLISHED JULY 19, 1927. Class 46.
- 233,291. SANITARY NECKBRANDS MADE IN THE FORM OF PAPER BANDS USED BY BARBERS, HAIRDRESSERS, AND THE LIKE. THE HOSPITAL SPECIALTY CO., Cleveland, Ohio.
Filed May 18, 1927. Serial No. 249,175. PUBLISHED JULY 19, 1927. Class 44.
- 233,292. SANITARY REFUSE CANS OR RECEPTACLES. ENTERPRISE TINWARE CO. INC., New York, N. Y.
Filed May 18, 1927. Serial No. 249,164. PUBLISHED JULY 19, 1927. Class 2.
- 233,293. TOBACCO PIPES. WILLIAM PHILIP SOLOMON, London, England.
Filed June 2, 1927. Serial No. 249,932. PUBLISHED JULY 19, 1927. Class 8.
- 233,294. WHEAT FLOUR. THE SOUTHWESTERN MILLING COMPANY, INC., New York, N. Y.
Filed April 2, 1927. Serial No. 246,856. PUBLISHED JULY 19, 1927. Class 46.
- 233,295. HEALING PLASTER, LINIMENT, AND COUGH MEDICINE. MATILDA TIGERHELM ONSTRAND, Minneapolis, Minn.
Filed March 31, 1927. Serial No. 246,704. PUBLISHED JULY 19, 1927. Class 6.

- 233,296. CHINCHILLA CLOTH IN THE FORM OF PIECE GOODS. CHARLTON WOOLEN COMPANY, Charlton, Mass.
Filed March 31, 1927. Serial No. 246,665. PUBLISHED JULY 19, 1927. Class 42.
- 233,297. PILE FABRICS IN THE PIECE. SIDNEY BLUMENTHAL & CO. INC., New York, N. Y.
Filed March 30, 1927. Serial No. 246,590. PUBLISHED JULY 19, 1927. Class 42.
- 233,298. PILE FABRICS IN THE PIECE. SIDNEY BLUMENTHAL & CO. INC., New York, N. Y.
Filed March 30, 1927. Serial No. 246,588. PUBLISHED JULY 19, 1927. Class 42.
- 233,299. HAND LIFTING DEVICES FOR CARRYING ICE-CREAM CANS. SIDNEY B. WHITESIDE, College Point, N. Y.
Filed March 29, 1927. Serial No. 246,580. PUBLISHED JULY 19, 1927. Class 23.
- 233,300. OILS, GREASES, AND WAXES OF ALL KINDS AND SIMILAR PRODUCTS FOR LUBRICATING, ILLUMINATING, HEATING, AND FUEL PURPOSES, ALSO GASOLINE, REFINED OIL, AND NAPHTHA. VACUUM OIL COMPANY, New York, N. Y.
Filed March 29, 1927. Serial No. 246,578. PUBLISHED JULY 19, 1927. Class 15.
- 233,301. CORES FOR PNEUMATIC-TIRE VALVES. CHICAGO NIPPLE MANUFACTURING CO. OF CALIFORNIA, Los Angeles, Calif.
Filed March 21, 1927. Serial No. 246,077. PUBLISHED JULY 19, 1927. Class 13.
- 233,302. FILES. CARVER FILE COMPANY, doing business as Delta File Works, Philadelphia, Pa.
Filed March 16, 1927. Serial No. 245,829. PUBLISHED JULY 19, 1927. Class 23.
- 233,303. FELT-BASE FLOOR RUGS. GOLDENBERG'S, Washington, D. C.
Filed March 14, 1927. Serial No. 245,708. PUBLISHED JULY 19, 1927. Class 20.
- 233,304. CANDIES AND BONBONS. WECKERLE & BERINGER, Feuerbach, near Stuttgart, Germany.
Filed March 12, 1927. Serial No. 245,673. PUBLISHED JULY 19, 1927. Class 46.
- 233,305. PLATED CAST AND FORGED METAL PLATES AND DIES FOR PRINTING PURPOSES. FRANK N. STEPPENS, New York, N. Y.
Filed March 11, 1927. Serial No. 245,592. PUBLISHED JULY 19, 1927. Class 23.
- 233,306. BEVERAGES CONTAINING CLAM JUICE AND PACKED IN CONTAINERS. MAYFAIR PRODUCTS, INC., New York, N. Y.
Filed April 11, 1927. Serial No. 247,276. PUBLISHED JULY 19, 1927. Class 46.
- 233,307. CANNED VEGETABLES, FRUITS, AND CEREALS. BABYS SIEVED VEGETABLE CO., Seattle, Wash., assignor to Kiddie Kanned Foods, Inc., Seattle, Wash., a Corporation of Washington.
Filed April 11, 1927. Serial No. 247,245. PUBLISHED JULY 19, 1927. Class 46.
- 233,308. CANNED TOMATOES AND CANNED FISH. PAUL TODARO, doing business as P. Todaro & Co., New York, N. Y.
Filed April 9, 1927. Serial No. 247,228. PUBLISHED JULY 19, 1927. Class 46.
- 233,309. WOOLEN TEXTILE FABRICS IN THE PIECE. THE ATLANTIC MILLS, Olneyville, R. I., and Stottville, N. Y.
Filed April 8, 1927. Serial No. 247,116. PUBLISHED JULY 19, 1927. Class 42.
- 233,310. WOOLEN TEXTILE FABRICS IN THE PIECE. THE ATLANTIC MILLS, Olneyville, R. I., and Stottville, N. Y.
Filed April 8, 1927. Serial No. 247,115. PUBLISHED JULY 19, 1927. Class 42.
- 233,311. PILLOWS. MAX HORN, Chicago, Ill.
Filed April 7, 1927. Serial No. 247,089. PUBLISHED JULY 19, 1927. Class 32.
- 233,312. VEHICLE BODIES AND PARTS THEREOF. HOOVER BODY COMPANY, York, Pa.
Filed April 4, 1927. Serial No. 246,903. PUBLISHED JULY 19, 1927. Class 19.
- 233,313. SELF-RISE FLOUR. THE SOUTHWESTERN MILLING COMPANY, INC., New York, N. Y.
Filed April 2, 1927. Serial No. 246,857. PUBLISHED JULY 19, 1927. Class 46.
- 233,314. CANNED FRUITS. PACIFIC COAST CANNERS, INC., Oakland, Calif.
Filed May 4, 1927. Serial No. 248,428. PUBLISHED JULY 19, 1927. Class 46.
- 233,315. PREPARED FLOOR COVERINGS OF THE OILED-CLOTH TYPE. CONGOLEUM-NAIRN INC., Philadelphia, Pa.
Filed May 3, 1927. Serial No. 248,353. PUBLISHED JULY 12, 1927. Class 20.
- 233,316. A POLISH FOR AUTOMOBILE BODIES, FURNITURE, AND WOODWORK. CLARK & PHINNEY COMPANY, Clare, Mich.
Filed May 3, 1927. Serial No. 248,347. PUBLISHED JULY 19, 1927. Class 16.
- 233,317. DUST COLLECTORS FOR REMOVING DUST IN FOUNDRIES, FACTORIES, MACHINE SHOPS, ETC. NORTHERN BLOWER COMPANY, Cleveland, Ohio.
Filed May 2, 1927. Serial No. 248,317. PUBLISHED JULY 19, 1927. Class 23.
- 233,318. HOUSEHOLD FURNITURE—NAMELY, MATRESSES. BAILEY-SCHMITZ CO. INC., Los Angeles, Calif.
Filed May 2, 1927. Serial No. 248,272. PUBLISHED JULY 19, 1927. Class 32.
- 233,319. BASE-METAL FOOD COOKERS FOR USE ON STOVES AND RANGES. TASTY COOKER COMPANY, Detroit, Mich.
Filed April 30, 1927. Serial No. 248,264. PUBLISHED JULY 19, 1927. Class 13.
- 233,320. POTATO CHIPS. EHRET CHEESE COMPANY, INC., Chicago, Ill.
Filed April 30, 1927. Serial No. 248,227. PUBLISHED JULY 19, 1927. Class 46.
- 233,321. ASSORTED SMALL LOTS OF FRESH CITROUS AND DECIDUOUS FRUITS PACKED IN SPECIAL GIFT PACKAGES. SALADINO DISTRIBUTING COMPANY, Mercedes, Tex.
Filed April 28, 1927. Serial No. 248,130. PUBLISHED JULY 19, 1927. Class 46.
- 233,322. BRACELETS FOR WRIST WATCHES. TOMCHIN & LEVINSON, INC., New York, N. Y.
Filed April 27, 1927. Serial No. 248,066. PUBLISHED JULY 19, 1927. Class 28.
- 233,323. MIRRORS. LOUIS BIERFELD COMPANY, NOT INC., Chicago, Ill.
Filed April 25, 1927. Serial No. 247,954. PUBLISHED JULY 19, 1927. Class 32.
- 233,324. VAPORIZER DEVICES DESIGNED FOR USE WITH INTERNAL-COMBUSTION ENGINES TO VAPORIZE THE FUEL MIXTURE AND INCREASE TURBULENCE THEREOF. MECHANICAL SPECIALTY CO., Bayonne, N. J.
Filed April 23, 1927. Serial No. 247,904. PUBLISHED JULY 19, 1927. Class 23.
- 233,325. BOOKRACKS. LEFEBURE CORPORATION, Cedar Rapids, Iowa.
Filed April 23, 1927. Serial No. 247,899. PUBLISHED JULY 19, 1927. Class 32.
- 233,326. TWO-PLY COTTON-YARN MARQUISSETTES IN THE PIECE. WARWICK MILLS, West Warwick, R. I., and Boston, Mass.
Filed April 20, 1927. Serial No. 247,765. PUBLISHED JULY 19, 1927. Class 42.

- 233,327. PORTABLE HAND FIRE-EXTINGUISHING APPARATUS. KNIGHT & THOMAS, Inc., Boston, Mass.
Filed April 20, 1927. Serial No. 247,740. PUBLISHED JULY 19, 1927. Class 23.
- 233,328. PIECE GOODS OF SILK, ARTIFICIAL SILK, WOOL, COTTON, HAIRS, HEMP, FLAX, AND JUTE. BIANCHINI, FERIER, Lyon, France.
Filed April 19, 1927. Serial No. 247,670. PUBLISHED JULY 19, 1927. Class 42.
- 233,329. MEDICINAL COMPOUND FOR THE TREATMENT OF RHEUMATISM. Mrs. M. C. SHEPHERD, doing business as The Shepherd Company, Oakman, Ala.
Filed April 18, 1927. Serial No. 247,643. PUBLISHED JULY 19, 1927. Class 6.
- 233,330. PERFUME, TOILET WATER, FACE POWDER, AND SACHET. BOURJOIS, Inc., New York, N. Y.
Filed April 18, 1927. Serial No. 247,594. PUBLISHED JULY 19, 1927. Class 6.
- 233,331. CUTTING MACHINES—NAMESLY, SCROLL-CUTTING MACHINES FOR CUTTING SHEET MATERIAL LIKE PAPER, CLOTH, LEATHER, AND VARIOUS OTHER SHEET MATERIALS. INTERNATIONAL REGISTER COMPANY, Chicago, Ill.
Filed April 16, 1927. Serial No. 247,539. PUBLISHED JULY 19, 1927. Class 23.
- 233,332. MINING AND MILL MACHINERY AND EQUIPMENT COMPRISING AGITATORS, BALL MILLS, CLASSIFIERS, CONDITIONERS, COOLERS, CRUSHERS, DRIERS, FILTERS, FLOTATION MACHINES, LABORATORY EQUIPMENT, OIL FEEDERS, ORE FEEDERS, PUMPS, REAGENT FEEDERS, ROD MILLS, SCREENS, AND THICKENERS. DENVER EQUIPMENT COMPANY, Denver, Colo.
Filed April 14, 1927. Serial No. 247,416. PUBLISHED JULY 19, 1927. Class 23.
- 233,333. BISCUITS. CANADA BISCUIT COMPANY, LIMITED, London, Canada.
Filed April 12, 1927. Serial No. 247,311. PUBLISHED JULY 19, 1927. Class 46.
- 233,334. COMBINATION OF CERTAIN SMOKERS' ARTICLES, ASH TRAYS, HUMIDORS, AND CIGAR AND CIGARETTE BOXES OF COPPER. THE ROY-CROFTERS, East Aurora, N. Y.
Filed March 26, 1927. Serial No. 246,439. PUBLISHED JULY 19, 1927. Class 8.
- 233,335. STAMPED GOODS USED FOR ART NEEDLEWORK. ANGELUS ART SHOP, Los Angeles, Calif.
Filed March 29, 1927. Serial No. 246,525. PUBLISHED JULY 12, 1927. Class 40.
- 233,336. SUGAR. SAVANNAH SUGAR REFINING CORPORATION, Savannah, Ga.
Filed March 28, 1927. Serial No. 246,507. PUBLISHED JULY 19, 1927. Class 46.
- 233,337. HAIR TONIC AND HAIRDRESSING. AMENDOLA BROTHERS, Inc., doing business as Amendola's Laboratories, New Haven, Conn.
Filed May 12, 1927. Serial No. 248,570. PUBLISHED JULY 19, 1927. Class 6.
- 233,338. HAIR TONICS. TERMINAL BARBER SHOPS, Inc., New York, N. Y.
Filed May 7, 1927. Serial No. 248,656. PUBLISHED JULY 19, 1927. Class 6.
- 233,339. SOUND-AMPLIFYING DEVICES KNOWN AS LOUD SPEAKERS FOR USE WITH RADIO RECEIVING SETS. APOLLO RADIO HORN COMPANY, Chicago, Ill.
Filed November 28, 1924. Serial No. 205,925. PUBLISHED MARCH 2, 1926. Class 21.

- 233,340. GREASE AND OIL COMPOUND USED AS A LUBRICANT. GIBB & BROWN, Inc., Dover, Del., and Columbiana, Ohio.
Filed May 16, 1923. Serial No. 180,697. PUBLISHED OCTOBER 26, 1926. Class 15.
- 233,341. RADIO LOUD SPEAKERS. FREED-EISEMANN RADIO CORPORATION, Brooklyn, N. Y.
Filed April 20, 1926. Serial No. 230,448. PUBLISHED JUNE 29, 1926. Class 21.
- 233,342. AUTO SEAT COVERS. NATHAN NOVELTY MFG. CO., New York, N. Y.
Filed May 3, 1926. Serial No. 231,060. PUBLISHED JULY 19, 1927. Class 19.
- 233,343. COSMETICS—NAMESLY, VANISHING AND COLD CREAM. MARCIA, Inc., New York, N. Y.
Filed May 4, 1926. Serial No. 231,115. PUBLISHED JULY 19, 1927. Class 6.
- 233,344. PHONOGRAPHS, PHONOGRAPH REPRODUCERS, AND PHONOGRAPH SOUND BOXES. FREED-EISEMANN RADIO CORPORATION, Brooklyn, N. Y.
Filed May 7, 1926. Serial No. 231,257. PUBLISHED JULY 6, 1926. Class 36.
- 233,345. RADIO RECEIVING SETS AND RADIO TRANSMITTING SETS AND PARTS THEREOF. A. H. GREBE & CO., Inc., Richmond Hill, N. Y.
Filed May 7, 1926. Serial No. 231,259. PUBLISHED JULY 19, 1927. Class 21.
- 233,346. APPARATUS FOR MAKING EMULSIONS OF OIL AND WATER. ALLY COMPANY, Inc., Port Washington, N. Y.
Filed May 22, 1926. Serial No. 232,060. PUBLISHED JULY 19, 1927. Class 23.
- 233,347. A GLAZING COMPOUND FOR PORCELAIN BODIES, PARTICULARLY ARTIFICIAL TEETH. THE COLUMBUS DENTAL MFG. CO., Columbus, Ohio.
Filed May 25, 1926. Serial No. 232,189. PUBLISHED JULY 19, 1927. Class 44.
- 233,348. PERMEATORS IN THE NATURE OF HUMIDORS AND CARTRIDGES FOR THE SAME. KOOL KIST COMPANY, Los Angeles, Calif.
Filed June 1, 1926. Serial No. 232,571. PUBLISHED JULY 19, 1927. Class 8.
- 233,349. HAIR TONICS. TERMINAL BARBER SHOPS, Inc., New York, N. Y.
Filed May 7, 1927. Serial No. 248,655. PUBLISHED JULY 19, 1927. Class 6.
- 233,350. HAIR TONIC. CECIL E. COCHENOUR, Little Rock, Ark.
Filed April 14, 1927. Serial No. 247,410. PUBLISHED JULY 19, 1927. Class 6.
- 233,351. MOTH PREVENTIVES, INSECTICIDES, AND VERMIN EXTERMINATORS. THE RATIN LABORATORY, Inc., New York, N. Y.
Filed March 16, 1927. Serial No. 245,863. PUBLISHED JULY 19, 1927. Class 6.
- 233,352. CERTAIN NAMED TOILET PREPARATIONS. WM. KIEFT, doing business as Lillian R. Company, San Francisco, Calif.
Filed March 14, 1927. Serial No. 245,726. PUBLISHED JULY 19, 1927. Class 6.
- 233,353. PREPARATION TO PREVENT AND DESTROY MOTH. THE COMER MANUFACTURING COMPANY, Dayton, Ohio.
Filed April 11, 1927. Serial No. 247,263. PUBLISHED JULY 19, 1927. Class 6.
- 233,354. FACIAL CREAMS, PERFUMES, AND HAIR TONICS. BETTY HARRINGTON, New York, N. Y.
Filed March 11, 1927. Serial No. 245,555. PUBLISHED JULY 19, 1927. Class 6.
- 233,355. INCENSE. SAMUEL KORN, doing business as Lucky Planet Mfg. Co., Cincinnati, Ohio.
Filed March 9, 1927. Serial No. 245,442. PUBLISHED JULY 19, 1927. Class 6.

- 233,356. BUTTONS—NAMESLY, RUHRER-HEADED SEPARABLE BUTTONS. GEORGE W. BLANK, Philadelphia, Pa.
Filed February 11, 1927. Serial No. 244,209. PUBLISHED JULY 19, 1927. Class 40.
- 233,357. BINDING, STAPLING, AND TACKING MACHINES. MARKWELL MANUFACTURING CO., Inc., New York, N. Y.
Filed March 18, 1926. Serial No. 228,822. PUBLISHED JULY 19, 1927. Class 23.
- 233,358. METAL ALLOYS. HILLS-MCCANNA COMPANY, Chicago, Ill.
Filed April 5, 1926. Serial No. 229,681. PUBLISHED JULY 19, 1927. Class 14.
- 233,359. ABSORBENT PADS OR SHEETS FOR REMOVING COLD CREAM. CELLUCOTTON PRODUCTS COMPANY, Neenah, Wis., assignor to Kotex Company, Chicago, Ill., a Corporation of Delaware.
Filed March 18, 1926. Serial No. 228,804. PUBLISHED JULY 19, 1927. Class 44.
- 233,360. JAR RINGS. CUPPLES COMPANY MANUFACTURERS, St. Louis, Mo.
Filed January 25, 1926. Serial No. 226,334. PUBLISHED JULY 19, 1927. Class 35.
- 233,361. BEDDING—NAMESLY, MATTRESSES, BOX SPRINGS, AND PILLOWS. ADAM WUEST, Cincinnati, Ohio.
Filed January 23, 1926. Serial No. 226,322. PUBLISHED JULY 19, 1927. Class 32.
- 233,362. SEWING WHITE LINEN THREAD. IGNACIO MIR ROVIRA, Sarria, Barcelona, Spain.
Filed November 10, 1925. Serial No. 223,104. PUBLISHED JULY 19, 1927. Class 43.
- 233,363. ROOF PAINTS. KLING-TITE PAINT PRODUCTS COMPANY, Chicago, Ill.
Filed March 8, 1926. Serial No. 228,319. PUBLISHED JULY 19, 1927. Class 16.
- 233,364. RYE FLOUR AND WHEAT FLOUR. KING MIDAS MILL COMPANY, Hastings and Minneapolis, Minn.
Filed May 1, 1925. Serial No. 213,654. PUBLISHED JANUARY 5, 1926. Class 46.
- 233,365. RYE FLOUR AND WHEAT FLOUR. KING MIDAS MILL COMPANY, Hastings and Minneapolis, Minn.
Filed May 1, 1925. Serial No. 213,653. PUBLISHED JANUARY 5, 1926. Class 46.
- 233,366. TEXTILE DOILIES AND SCARFS FOR FURNITURE. OSCAR A. TUANER, Chicago, Ill.
Filed April 27, 1925. Serial No. 213,411. PUBLISHED JULY 19, 1927. Class 42.
- 233,367. PERFUMERY. JOHN A. JOHNSON, doing business as Sylvania Perfume Co. Phila., Philadelphia, Pa.
Filed January 9, 1923. Serial No. 174,364. PUBLISHED JULY 19, 1927. Class 6.
- 233,368. CERTAIN NAMED TOILET PREPARATIONS. LUCIEN LELONG, Paris, France.
Filed April 14, 1926. Serial No. 230,178. PUBLISHED JULY 19, 1927. Class 6.
- 233,369. MEDICINAL PREPARATION USED AS A FLESH REDUCER. GILES A. FAIRLY, doing business as Madame Elizabeth Company, Des Moines, Iowa.
Filed July 10, 1926. Serial No. 234,386. PUBLISHED JULY 19, 1927. Class 6.
- 233,370. DRESSED POULTRY AND EGGS. A. W. BEAR COMMISSION COMPANY, Kansas City, Mo.
Filed October 1, 1926. Serial No. 238,003. PUBLISHED MARCH 15, 1927. Class 46.
- 233,371. CERTAIN NAMED TOILET PREPARATIONS. LUCIEN LELONG, Paris, France.
Filed October 9, 1926. Serial No. 238,379. PUBLISHED JULY 19, 1927. Class 6.

- 233,372. HAIRPINS NOT MADE OF PRECIOUS METAL. DUPLEX PIN COMPANY, Inc., San Francisco, Calif.
Filed October 11, 1926. Serial No. 238,435. PUBLISHED JULY 5, 1927. Class 40.
- 233,373. TONIC PILLS AND TABLETS FOR THE TREATMENT OF RHEUMATISM, SCIATICA, NEURALGIA, LUMBAGO, COLDS, AND DISEASES OF THE BLOOD. LOUIS P. WILSON, doing business as The Wilson Products Company, Cleveland, Ohio.
Filed December 27, 1926. Serial No. 242,036. PUBLISHED JULY 19, 1927. Class 6.
- 233,374. JELLY AND MARMALADE—NAMESLY, CURRANT JELLY, QUINCE JELLY, CRAB-APPLE JELLY, STRAWBERRY JELLY, BLACKBERRY JELLY, PLUM JELLY, MINT JELLY, RASPBERRY JELLY, GRAPE JELLY, AND ORANGE MARMALADE. EDGAR L. REED, doing business as Ma-Deer-A Kitchens, and Ma-Deer-A Food Products Co., Chicago, Ill., assignor to Maybelle Kromdyke, Chicago, Ill.
Filed June 15, 1927. Serial No. 250,567. PUBLISHED JULY 19, 1927. Class 46.
- 233,375. FRESH CITROUS FRUITS. REDLANDS HEIGHTS GROVES, Inc., Redlands, Calif.
Filed June 15, 1927. Serial No. 250,566. PUBLISHED JULY 19, 1927. Class 46.
- 233,376. CANNED FRUITS, CANNED VEGETABLES. MUTUAL STORES, Inc., Oakland, Calif.
Filed June 15, 1927. Serial No. 250,560. PUBLISHED JULY 19, 1927. Class 46.
- 233,377. TOILET WATER. KEEK COMPANY, Inc., St. Louis, Mo.
Filed June 15, 1927. Serial No. 250,547. PUBLISHED JULY 19, 1927. Class 6.
- 233,378. CANNED FRUITS—NAMESLY, CANNED PINEAPPLE. HAWAIIAN PINEAPPLE COMPANY, LTD., Iwilei, Territory of Hawaii, and San Francisco, Calif.
Filed June 15, 1927. Serial No. 250,537. PUBLISHED JULY 19, 1927. Class 46.
- 233,379. FRESH DECIDUOUS FRUITS. C. M. HARTLEY, Vacaville, Calif.
Filed June 15, 1927. Serial No. 250,536. PUBLISHED JULY 19, 1927. Class 46.
- 233,380. WOOLEN PIECE GOODS. FORSTMANN & HUFFMANN COMPANY, Passaic, N. J.
Filed June 14, 1927. Serial No. 250,511. PUBLISHED JULY 19, 1927. Class 42.
- 233,381. WOOLEN PIECE GOODS. FORSTMANN & HUFFMANN COMPANY, Passaic, N. J.
Filed June 14, 1927. Serial No. 250,510. PUBLISHED JULY 19, 1927. Class 42.
- 233,382. WOOLEN PIECE GOODS. FORSTMANN & HUFFMANN COMPANY, Passaic, N. J.
Filed June 14, 1927. Serial No. 250,506. PUBLISHED JULY 19, 1927. Class 42.
- 233,383. WOOLEN PIECE GOODS. FORSTMANN & HUFFMANN COMPANY, Passaic, N. J.
Filed June 14, 1927. Serial No. 250,505. PUBLISHED JULY 19, 1927. Class 42.
- 233,384. WOOLEN PIECE GOODS. FORSTMANN & HUFFMANN COMPANY, Passaic, N. J.
Filed June 14, 1927. Serial No. 250,504. PUBLISHED JULY 19, 1927. Class 42.
- 233,385. WOOLEN PIECE GOODS. FORSTMANN & HUFFMANN COMPANY, Passaic, N. J.
Filed June 14, 1927. Serial No. 250,501. PUBLISHED JULY 19, 1927. Class 42.
- 233,386. WOOLEN PIECE GOODS. FORSTMANN & HUFFMANN COMPANY, Passaic, N. J.
Filed June 14, 1927. Serial No. 250,500. PUBLISHED JULY 19, 1927. Class 42.

- 233,387. WOOLEN PIECE GOODS. FORSTMANN & HUFFMANN COMPANY, Passaic, N. J.
Filed June 14, 1927. Serial No. 250,499. PUBLISHED JULY 19, 1927. Class 42.
- 233,388. PIECE GOODS OF SILK, RAYON, AND MIXTURES OF THESE MATERIALS. DUPLAN SILK CORPORATION, New York, N. Y.
Filed June 14, 1927. Serial No. 250,495. PUBLISHED JULY 19, 1927. Class 42.
- 233,389. PIECE GOODS OF SILK, RAYON, AND MIXTURES OF THESE MATERIALS. DUPLAN SILK CORPORATION, New York, N. Y.
Filed June 14, 1927. Serial No. 250,492. PUBLISHED JULY 19, 1927. Class 42.
- 233,390. PIECE GOODS OF SILK, RAYON, AND MIXTURES OF THESE MATERIALS. DUPLAN SILK CORPORATION, New York, N. Y.
Filed June 14, 1927. Serial No. 250,491. PUBLISHED JULY 19, 1927. Class 42.
- 233,391. CAKES. TASTY BAKING COMPANY, Philadelphia, Pa.
Filed June 13, 1927. Serial No. 250,477. PUBLISHED JULY 19, 1927. Class 46.
- 233,392. PLANT SPRAY. McLAUGHLIN-GORMLEY-KING COMPANY, Minneapolis, Minn.
Filed June 13, 1927. Serial No. 250,468. PUBLISHED JULY 19, 1927. Class 6.
- 233,393. SILK AND SILK-MIXTURE PIECE GOODS. KRONTHAL, CHERTOW & CORIN, New York, N. Y.
Filed June 13, 1927. Serial No. 250,464. PUBLISHED JULY 19, 1927. Class 42.
- 233,394. COFFEE. JORDAN STEVENS Co., Minneapolis, Minn.
Filed June 13, 1927. Serial No. 250,460. PUBLISHED JULY 19, 1927. Class 46.
- 233,395. LUNG, THROAT, AND BRONCHIAL MEDICINE. BAKER DRUG COMPANY, Portland, Oreg.
Filed June 13, 1927. Serial No. 250,429. PUBLISHED JULY 19, 1927. Class 6.
- 233,396. LUBRICATING OIL. PAN AMERICAN PETROLEUM COMPANY, Los Angeles, Calif.
Filed June 11, 1927. Serial No. 250,419. PUBLISHED JULY 19, 1927. Class 15.
- 233,397. COFFEE. BERNARD A. LIVIERATO, New York, N. Y.
Filed June 11, 1927. Serial No. 250,414. PUBLISHED JULY 19, 1927. Class 46.
- 233,398. WORSTED AND WOOLEN TEXTILE FABRICS. HOLDEN-LEONARD COMPANY, New York, N. Y.
Filed June 11, 1927. Serial No. 250,411. PUBLISHED JULY 19, 1927. Class 42.
- 233,399. WHEAT FLOUR. THE COLORADO MILLING & ELEVATOR CO., Denver, Colo., also doing business as The Claflin Flour Mills, Claflin, Kans.
Filed June 10, 1927. Serial No. 250,296. PUBLISHED JULY 19, 1927. Class 46.
- 233,400. KEROSENE. PEERLESS OIL & REFINING COMPANY, Chanute, Kans.
Filed June 9, 1927. Serial No. 250,262. PUBLISHED JULY 19, 1927. Class 15.
- 233,401. PIECE GOODS OF COTTON, WOOL, SILK, AND RAYON FIBERS AND MIXTURES OF THE SAME AND LINEN PIECE GOODS. M. LOWENSTEIN & SONS, INC., New York, N. Y.
Filed June 9, 1927. Serial No. 250,248. PUBLISHED JULY 19, 1927. Class 42.
- 233,402. PERFUMES, TOILET WATER, FACE POWDER, TALCUM POWDER, FACE CREAMS, BRILLIANTINE, EAU DE COLOGNE, LOTION FOR THE SKIN AND HAIR, BATH SALTS, DENTIFRICES, ROUGES, AND LIP STICKS. ORIZA L. LEGRAND, INC., Wilmington, Del., and New York, N. Y.
Filed June 9, 1927. Serial No. 250,245. PUBLISHED JULY 19, 1927. Class 6.
- 233,403. FILES AND SHEAR GRINDERS. CHARLES L. BANKS, St. Louis, Mo.
Filed June 9, 1927. Serial No. 250,219. PUBLISHED JULY 19, 1927. Class 23.
- 233,404. WOOLEN PIECE GOODS. FORSTMANN & HUFFMANN COMPANY, Passaic, N. J.
Filed June 8, 1927. Serial No. 250,170. PUBLISHED JULY 19, 1927. Class 42.
- 233,405. WOOLEN PIECE GOODS. FORSTMANN & HUFFMANN COMPANY, Passaic, N. J.
Filed June 8, 1927. Serial No. 250,169. PUBLISHED JULY 19, 1927. Class 42.
- 233,406. PERFUME, TOILET WATER, AND FACE POWDER. CHANEL, INC., New York, N. Y.
Filed June 8, 1927. Serial No. 250,163. PUBLISHED JULY 19, 1927. Class 6.
- 233,407. PERFUME, TOILET WATER, AND FACE POWDER. CHANEL, INC., New York, N. Y.
Filed June 8, 1927. Serial No. 250,162. PUBLISHED JULY 19, 1927. Class 6.
- 233,408. MOVEMENTS AND CASES OF WATCHES. LOUIS ADELS, doing business as Sleda Watch Company, New York, N. Y.
Filed June 8, 1927. Serial No. 250,151. PUBLISHED JULY 19, 1927. Class 27.
- 233,409. COTTON PIECE GOODS. J. C. PENNEY COMPANY, Wilmington, Del., and New York, N. Y.
Filed June 7, 1927. Serial No. 250,135. PUBLISHED JULY 19, 1927. Class 42.
- 233,410. SILK PIECE GOODS. BENROSE SILK MFG. CORP., New York, N. Y.
Filed June 7, 1927. Serial No. 250,112. PUBLISHED JULY 19, 1927. Class 42.
- 233,411. AUTOMATIC TYPESETTING MACHINES. THE TYPOGRAPHIC MACHINES CO., Dayton, Ohio.
Filed June 6, 1927. Serial No. 250,105. PUBLISHED JULY 19, 1927. Class 23.
- 233,412. MINERAL WAX. STANDARD OIL COMPANY, Whiting Ind., and Chicago, Ill.
Filed June 6, 1927. Serial No. 250,103. PUBLISHED JULY 19, 1927. Class 15.
- 233,413. LIQUID DISINFECTANT, CLEANSER, DEODORANT, AND BLEACH. SAFETY FUMIGANT COMPANY, Boston, Mass.
Filed June 6, 1927. Serial No. 250,098. PUBLISHED JULY 19, 1927. Class 6.
- 233,414. PERFUMES, LOTIONS, TOILET WATERS AND CREAMS, TOILET POWDERS AND ROUGES, AND DENTIFRICES IN PASTE, POWDER, AND LIQUID FORM. GABILLA, INCORPORATED, New York, N. Y.
Filed May 17, 1927. Serial No. 249,114. PUBLISHED JULY 19, 1927. Class 6.
- 233,415. YEAST TABLETS. GETBETTER INC., Cohoes, N. Y.
Filed May 19, 1927. Serial No. 249,220. PUBLISHED JULY 19, 1927. Class 46.
- 233,416. PREPARATION FOR INDIGESTION AND STOMACH TROUBLE. PHILIP J. SHERMAN, doing business under the name of The Sherbro Laboratories, Chattanooga, Tenn.
Filed May 19, 1927. Serial No. 249,240. PUBLISHED JULY 19, 1927. Class 6.
- 233,417. CERTAIN NAMED MEDICINAL PREPARATIONS. PETER L. MAYRELLIS, doing business as The Mavrelline Company, Waterloo, Iowa.
Filed May 21, 1927. Serial No. 249,359. PUBLISHED JULY 19, 1927. Class 6.
- 233,418. CERTAIN NAMED MEDICINAL PREPARATIONS. PICROLEINE PRODUCTS CO., Montreal, Quebec, Canada.
Filed May 6, 1927. Serial No. 248,591. PUBLISHED JULY 19, 1927. Class 6.

- 233,419. HORSE-RADISH. ALFRED MORAN, doing business as A. Moran & Company, Flint, Mich.
Filed May 7, 1927. Serial No. 248,644. PUBLISHED JULY 19, 1927. Class 46.
- 233,420. NONPRECIOUS-METAL BUTTONS. THE PATENT BUTTON COMPANY, Waterbury, Conn.
Filed May 9, 1927. Serial No. 248,717. PUBLISHED JULY 12, 1927. Class 40.
- 233,421. HORSE-RADISH, COCKTAIL SAUCE, BEET RELISH, AND MUSTARD AND HORSE-RADISH. NATHAN LINDEMAN, Newark, N. J.
Filed May 10, 1927. Serial No. 248,779. PUBLISHED JULY 19, 1927. Class 46.
- 233,422. ICE CREAM. GOODMAN AMERICAN ICE CREAM COMPANY, Chicago, Ill.
Filed May 11, 1927. Serial No. 248,883. PUBLISHED JULY 19, 1927. Class 46.
- 233,423. TABLE SIRUP. ROBINSON SYRUP COMPANY, Cairo, Ga.
Filed May 13, 1927. Serial No. 248,973. PUBLISHED JULY 19, 1927. Class 46.
- 233,424. HAIR RESTORER. G. N. FIELD, Los Angeles, Calif.
Filed May 12, 1927. Serial No. 248,892. PUBLISHED JULY 19, 1927. Class 6.
- 233,425. YEAST FOODS FOR THE STIMULATION OF YEAST USED IN BAKING AND IN THE PREPARATION OF OTHER FOODS OR INGREDIENTS OF FOODS. VICO PRODUCTS COMPANY, Minneapolis, Minn.
Filed May 5, 1927. Serial No. 248,537. PUBLISHED JULY 19, 1927. Class 46.
- 233,426. CANNED VEGETABLES, CANNED FRUITS, CANNED SHELLFISH, AND EVAPORATED MILK. RICE AND FISHMAN, Newark, N. J.
Filed May 5, 1927. Serial No. 248,516. PUBLISHED JULY 19, 1927. Class 46.
- 233,427. CANNED FRUITS, CANNED VEGETABLES, CANNED BERRIES, CANNED SUCCOTASH, AND CANNED SLICED PINEAPPLE. MIDDLE STATES PACKING COMPANY, Chicago, Ill.
Filed May 5, 1927. Serial No. 248,508. PUBLISHED JULY 19, 1927. Class 46.
- 233,428. CANDY COVERING FOR FROZEN CONFECTIONS. ESKIMO PIE CORPORATION, Louisville, Ky.
Filed May 5, 1927. Serial No. 248,483. PUBLISHED JULY 19, 1927. Class 46.
- 233,429. VEGETABLE OIL FOR USE AS SALAD OIL OR IN COOKING. MONTEVERDE, ROLANDELLI & PARODI, INC., San Francisco, Calif.
Filed May 2, 1927. Serial No. 248,313. PUBLISHED JULY 19, 1927. Class 46.
- 233,430. FRESH DECIDUOUS FRUITS—NAMESLY, APPLES, PEACHES, AND PLUMS; FRESH FIGS, FRESH POMEGRANATES, FRESH GRAPES, AND OLIVES. MAYFLOWER FRUIT ASSOCIATION, Exeter, Calif.
Filed April 9, 1927. Serial No. 247,197. PUBLISHED JULY 19, 1927. Class 46.
- 233,431. TOILET SETS BACKED WITH PYROXOLIN, COMPRISING ANY OR ALL OF THE FOLLOWING SPECIFIC ARTICLES: BUTTON HOOK, CLOCK CASE, BRUSHES, COMBS, MANICURE ARTICLES, HAIR RECEIVER, JEWEL BOX, MIRROR, PERFUME ATOMIZER, PERFUME BOTTLE, PERFUME DROPPER, PICTURE FRAME, PIN CUSHION, PUFF BOX, SALVE JAR, SHOE HORN, AND TRAY. SHOREHAM MANUFACTURING CO. INC., Winfield, N. Y.
Filed April 8, 1927. Serial No. 247,147. PUBLISHED JUNE 21, 1927. Class 40.
- 233,432. NARROW ELASTIC. J. C. PENNEY COMPANY, Wilmington, Del., and New York, N. Y.
Filed April 5, 1927. Serial No. 246,983. PUBLISHED JULY 12, 1927. Class 40.
- 233,433. PICKLES, CHOWCHOW, AND RELISH COMPOSED OF CHOPPED PICKLES, SUGAR, SPICES, AND SPICE OILS. W. & W. PICKLE AND CANNING CO., Montgomery, Ala.
Filed April 2, 1927. Serial No. 246,863. PUBLISHED JULY 19, 1927. Class 46.
- 233,434. COMPOUND FOR THE TREATMENT OF RHEUMATISM, LUMBAGO, GOUT, SCIATICA, NEURITIS, PAINFUL MUSCLES, JOINTS, AND BACKACHE. HARRY Z. KROSER, doing business as Bell-O-Sal Mfg. Co., Philadelphia, Pa.
Filed May 24, 1927. Serial No. 249,480. PUBLISHED JULY 19, 1927. Class 6.
- 233,435. GENERAL TONIC. ICELAND MEDICINE COMPANY, Indianapolis, Ind.
Filed May 28, 1927. Serial No. 249,727. PUBLISHED JULY 19, 1927. Class 6.
- 233,436. HAIR TONIC AND HAIRDRESSING. QUEEN LILO HAIR TONIC CO., New York, N. Y.
Filed June 1, 1927. Serial No. 249,866. PUBLISHED JULY 19, 1927. Class 6.
- 233,437. COMPOUND USED AS A VULCANIZATION ACCELERATOR IN THE CURING OF RUBBER ARTICLES. THE RUBBER SERVICE LABORATORIES COMPANY, Akron, Ohio.
Filed June 7, 1927. Serial No. 250,143. PUBLISHED JULY 19, 1927. Class 6.
- 233,438. EXTRACTS FOR FOOD-FLAVORING PURPOSES FOR THE FOLLOWING FLAVORS: NUTMEG, COFFEE, ALMOND, GRAPEFRUIT, DISTILLED LIMES, LEMON, LIMES, ORANGE, LEMON AND LIMES, PEPPERMINT. FOOTE & JENKS, Jackson, Mich.
Filed June 8, 1927. Serial No. 250,168. PUBLISHED JULY 19, 1927. Class 46.
- 233,439. A SPECIALLY-PREPARED RICE FOOD WHICH CAN BE DISSOLVED AND USED AS A BEVERAGE. COVINA FOOD PRODUCTS CO., Covina, Calif.
Filed June 11, 1927. Serial No. 250,399. PUBLISHED JULY 19, 1927. Class 46.
- 233,440. AN AGRICULTURAL INSECTICIDE. NITRATE AGROLOGIES COMPANY, New York, N. Y.
Filed June 15, 1927. Serial No. 250,562. PUBLISHED JULY 19, 1927. Class 6.
- 233,441. INSECTICIDES. UNIFORM PRODUCTS COMPANY, Lancaster, Pa.
Filed June 15, 1927. Serial No. 250,580. PUBLISHED JULY 19, 1927. Class 6.
- 233,442. INSECTICIDES. UNIFORM PRODUCTS COMPANY, Lancaster, Pa.
Filed June 15, 1927. Serial No. 250,583. PUBLISHED JULY 19, 1927. Class 6.
- 233,443. FUMIGATING COMPOUNDS. CALIFORNIA CYANIDE COMPANY, Los Angeles, Calif.
Filed June 16, 1927. Serial No. 250,598. PUBLISHED JULY 19, 1927. Class 6.
- 233,444. FUMIGATING COMPOUNDS. CALIFORNIA CYANIDE COMPANY, Los Angeles, Calif.
Filed June 16, 1927. Serial No. 250,599. PUBLISHED JULY 19, 1927. Class 6.
- 233,445. FUMIGATING COMPOUNDS. CALIFORNIA CYANIDE COMPANY, Los Angeles, Calif.
Filed June 16, 1927. Serial No. 250,600. PUBLISHED JULY 19, 1927. Class 6.

THESE REGISTRATIONS ARE NOT SUBJECT TO OPPOSITION.

233,446. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) WESTERN COAL & COKE CO., Milwaukee, Wis. Filed July 11, 1927. Serial No. 251,880.

W Y N N

Particular description of goods.—Coal.
Claims use since May 1, 1923.

233,447. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) WILLIAM H. BROOKS, San Francisco, Calif. Filed July 13, 1927. Serial No. 251,946.

Whole O'theWheat Bread

Particular description of goods.—Bread.
Claims use since Dec. 15, 1922.

233,448. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ROBERT H. GIBSON, doing business as Perfection Cooky Co., Kansas City, Mo. Filed July 15, 1927. Serial No. 252,098.



Particular description of goods.—Cookies.
Claims use since 1910.

233,449. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE CRANE COMPANY, Cleveland, Ohio. Filed July 16, 1927. Serial No. 252,148.

Crane's Chocolates

Particular description of goods.—Candy.
Claims use since 1916.

688

233,450. (CLASS 44. DENTAL, MEDICAL, AND SURGICAL APPLIANCES.) JACK COHN, doing business as Eagle Druggists Supply Co., New York, N. Y. Filed July 22, 1927. Serial No. 252,418.

FITSRITE



Particular description of goods.—Elastic Wrist Bands.
Claims use since July, 1926.

233,451. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) FIDELITY MACHINE COMPANY, Wilmington, Del., and Philadelphia, Pa. Filed July 26, 1927. Serial No. 252,553.

MULTI-DESIGN

Particular description of goods.—Knitting and Ribbing Machines and Parts Thereof.
Claims use since July 15, 1925.

233,452. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) PATEK BROTHERS, INC., Milwaukee, Wis. Filed July 30, 1927. Serial No. 252,788.

PROTECTIRON

Particular description of goods.—Paint for Metal Surfaces.
Claims use since May 3, 1912.

233,453. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) CORRADO BROS., New York, N. Y. Filed Aug. 2, 1927. Serial No. 252,886.

CORRADO BROS.

Particular description of goods.—Olive Oil.
Claims use since Jan. 1, 1921.

233,454. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) MARYLAND NEW RIVER COAL COMPANY, Philadelphia, Pa. Filed July 14, 1927. Serial No. 252,053.

ROSEDALE

Particular description of goods.—Coal.
Claims use since 1919.

233,455. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE ELI LILLY & COMPANY, Indianapolis, Ind., now by change of name ELI Lilly & Company, Indianapolis, Ind., a Corporation of Indiana. Filed Feb. 11, 1922. Serial No. 159,213.

PNEUMOCOCCUS ANTIGEN

LILLY

Particular description of goods.—Medicine Consisting of a Vaccine Used in the Treatment of Pneumonia.
Claims use since September, 1918.

233,456. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) ONE PIECE BIPOCAL LENS COMPANY, Indianapolis, Ind., assignor to Continental Optical Corporation, New York, N. Y., a Corporation of Delaware. Filed July 18, 1925. Serial No. 217,576.

TWINSIGHT

Particular description of goods.—Optical Lenses.
Claims use since Mar. 1, 1918.

233,457. (CLASS 28. JEWELRY AND PRECIOUS-METAL WARE.) LESLIE LLOYD LINICK, Chicago, Ill. Filed May 6, 1927. Serial No. 248,579.

PLATINUM-CHROME-PLATE

Particular description of goods.—Articles of Jewelry for Personal Wear. Not Including Watches.
Claims use since Feb. 14, 1926.

233,458. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) MONTLLOR BROS., New York, N. Y. Filed May 28, 1926. Serial No. 232,410.

Spanish Antiqu Shop

Particular description of goods.—Textile Objects of Art—Namely, Wall and Furniture Upholsteries, Draperies and Rugs, and Antique Productions of Textile Wall and Furniture Upholsteries, Draperies, Rugs.
Claims use since Jan. 26, 1917.

233,459. (CLASS 30. CROCKERY, EARTHENWARE, AND PORCELAIN.) MONTLLOR BROS., New York, N. Y. Filed May 28, 1926. Serial No. 232,409.

Spanish Antiqu Shop

Particular description of goods.—Porcelains and Curios—Namely, Antique Vases, Jugs, Plates, Jars, Mortars, Pitchers.
Claims use since Jan. 26, 1917.

233,460. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) MAURY-COLE COMPANY, Memphis, Tenn. Filed Oct. 2, 1926. Serial No. 238,066.

CANOVA

Particular description of goods.—Pepper Sauce.
Claims use since Aug. 1, 1926.

233,461. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) FRANK K. GURE, Artesia, Calif. Filed Aug. 31, 1926. Serial No. 236,690.



Particular description of goods.—Frankfurter Sausage in an Envelope of Dough and Fried in Grease.
Claims use since Aug. 17, 1926.

233,462. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SKINNER MANUFACTURING Co., Omaha, Nebr. Filed July 24, 1926. Serial No. 235,077.

Durum-BRAN

Particular description of goods.—Cereal Breakfast Food.

Claims use since June 12, 1926.

233,463. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) THE DILL MANUFACTURING COMPANY, Cleveland, Ohio. Filed June 18, 1926. Serial No. 233,426.

DILL

Particular description of goods.—Valve Stems, Dust Caps, Valve Caps, Rim Nuts, Hex Nuts, Rim-Nut Bushings, Air-Bag Stems, Pneumatic-Tie Valves, Spreaders.

Claims use since about Jan. 1, 1925.

233,464. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SAM'L B. DRUCKER, New York, N. Y. Filed Aug. 27, 1926. Serial No. 236,542.

DAY-FRESH

Particular description of goods.—Mayonnaise Dressing.

Claims use since May 26, 1926.

233,465. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SAM'L B. DRUCKER, New York, N. Y. Filed Aug. 27, 1926. Serial No. 236,543.

EGG-FRESH

Particular description of goods.—Mayonnaise Dressing.

Claims use since May 26, 1926.

233,466. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SAM'L B. DRUCKER, New York, N. Y. Filed Aug. 27, 1926. Serial No. 236,544.

SURE-FRESH

Particular description of goods.—Mayonnaise Dressing.

Claims use since May 26, 1926.

233,467. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) PITTSBURGH STEEL PRODUCTS COMPANY, Pittsburgh, Pa. Filed Sept. 9, 1926. Serial No. 237,041.

"PITTSBURGH SEAMLESS"

Particular description of goods.—Metal Tubes.

Claims use since Aug. 12, 1926.

233,468. (CLASS 12. CONSTRUCTION MATERIALS.) MAX KLEIN, doing business as Klimate-Pruf Mfg. Company, New York, N. Y. Filed Sept. 23, 1926. Serial No. 237,605.

KLIMATE-PRUF

Particular description of goods.—Waterproofing Compounds and Liquid and Plastic Coatings for Roofs, Walls, and the Like.

Claims use since June 9, 1926.

233,469. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) GUARANTEE MALT PRODUCTS COMPANY, Portland, Ore. Filed Oct. 14, 1926. Serial No. 238,582.

GUARANTEE

Particular description of goods.—Malt Sirup for Food Purposes.

Claims use since Aug. 2, 1926.

233,470. (CLASS 32. FURNITURE AND UPHOLSTERY.) HIRS TURNER GLASS COMPANY, Philadelphia, Pa. Filed Oct. 15, 1926. Serial No. 238,656.

INTAGLIO

IN-TAL-YO

Mirrors

Particular description of goods.—Plate-Glass Mirrors.

Claims use since Aug. 1, 1926.

233,471. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) WOLF BROS., Chicago, Ill. Filed Oct. 27, 1926. Serial No. 239,344.

RIDGEWOOD

Particular description of goods.—Canned Fruits, Canned Vegetables, Canned Fish, Dried Fruits, Spices, Coffee; Cereals—Namely, Breakfast Food, Buckwheat Groats and Rice; and Bottle Goods—Namely, Olives, Pickles, Catchup, Vinegar, and Mustard.

Claims use since June, 1924.

233,472. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) SIMON BROS. Co., Madison, Wis. Filed Apr. 1, 1927. Serial No. 246,782.

SIMON PURE

Particular description of goods.—Canned Fruits and Canned Vegetables, Coffee, Tea, Spices, Olives, Pickles, and Catchup, Candles, Fruit Preserves, Jelly, Sliced Dried Beef, Peanut Butter, Chili Sauce, Prepared Mustard.

Claims use since 1919.

233,473. (CLASS 40. FANCY GOODS, FURNISHINGS, AND NOTIONS.) NEW YORK HAMBURG GUMMI-WAAREN COMPAGNIE, Hamburg, Germany. Filed June 8, 1927. Serial No. 250,188.

MASTER BARBER

Particular description of goods.—Combs of Every Kind Other Than Precious Metal Ware.

Claims use since July, 1925.

233,474. (CLASS 17. TOBACCO PRODUCTS.) GIUSEPPE ALFIERI, New York, N. Y. Filed June 27, 1927. Serial No. 251,159.

SIGARI FIUME

Particular description of goods.—Cigars.

Claims use since about June 15, 1924.

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233,475. (CLASS 45. BEVERAGES, NONALCOHOLIC.) THE KROGER GROCERY & BAKING Co., Cincinnati, Ohio. Filed July 14, 1927. Serial No. 252,048.

Kroger's

Particular description of goods.—A Nonalcoholic Maltless Beverage, Sold as a Soft Drink.

Claims use since March, 1926.

233,476. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) CORTLAND LINE Co., Inc., Cortland, N. Y. Filed July 15, 1927. Serial No. 252,090.

HURON

Particular description of goods.—Fishing Lines.

Claims use since Nov. 28, 1917.

233,477. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) SPOONER, Inc., New York, N. Y. Filed Aug. 2, 1927. Serial No. 252,918.

HELENA

BUNOT

Particular description of goods.—Lip Rouge, Face Rouge, Face Powder, Talcum Powder, Toilet Water, Perfume, Cold Cream, Vanishing Cream, Skin Sachet, Brillantine, Hair Pomades, Hair Tonic, Shampoo Oil, Nail Polish, and Deodorizing Preparations.

Claims use since Jan. 1, 1920.

233,478. (CLASS 3. BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS.) ARTISTIQUE BAG CORP., New York, N. Y. Filed Aug. 4, 1927. Serial No. 253,001.

Artistique

Particular description of goods.—Hand Bags and Purses.

Claims use since July, 1925.

233,479. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) ABRAHAM & STRAUS, Inc., New York, N. Y. Filed Oct. 30, 1926. Serial No. 239,453.

TROUVILLE

Particular description of goods.—Colored Dress Goods Broadcloth.

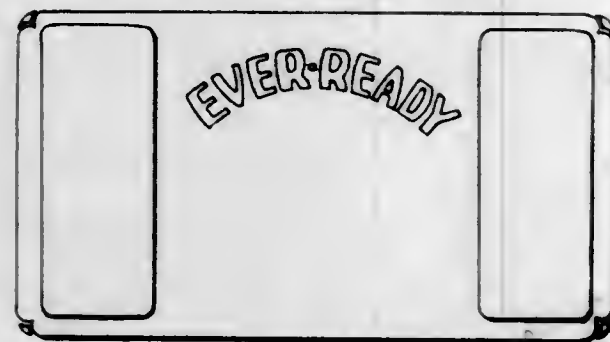
Claims use since about 1911.

233,480. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) THE THERMO ELECTRIC INSTRUMENT Co., Irvington, N. J. Filed Dec. 7, 1926. Serial No. 241,122.

FREAS

Particular description of goods.—Electric Ovens.
Claims use since Jan. 11, 1911.

233,481. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ALICE M. ASSAD, Spirit Lake, Idaho. Filed May 22, 1926. Serial No. 232,063.



Particular description of goods.—Bread Yeast.
Claims use since Mar. 1, 1926.

233,482. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) S. STEIN & Co., New York, N. Y. Filed Oct. 22, 1926. Serial No. 239,065.

Henley Twist

Particular description of goods.—Woolen Goods in the Piece and in Cut Lengths.
Claims use since Aug. 15, 1926.

233,483. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) S. STEIN & Co., New York, N. Y. Filed Oct. 22, 1926. Serial No. 239,066.

Henley Tweeds

Particular description of goods.—Woolen Goods in the Piece and in Cut Lengths.
Claims use since Aug. 15, 1926.

233,484. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) S. STEIN & Co., New York, N. Y. Filed Oct. 22, 1926. Serial No. 239,067.

Wave Twist

Particular description of goods.—Woolen Goods in the Piece and in Cut Lengths.
Claims use since Aug. 15, 1926.

233,485. (CLASS 34. HEATING, LIGHTING, AND VENTILATING APPARATUS, NOT INCLUDING ELECTRICAL APPARATUS.) GLOBE SPECIALTY Co., Chicago, Ill. Filed Jan. 26, 1927. Serial No. 243,359.

Crystal Oxyg

Particular description of goods.—Lamp Parts—Namely, Tops, Breaks, Candle Cups, Ball Adapters, Spindles, Finials, and Candlesticks.
Claims use since Nov. 1, 1925.

233,486. (CLASS 2. RECEPTACLES.) THE NILES STEEL PRODUCTS COMPANY, Niles, Ohio. Filed May 2, 1927. Serial No. 248,316.

NILES

Particular description of goods.—Steel Paint Pails.
Claims use since Aug. 16, 1926.

233,487. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) PATER BROTHERS, INC., Milwaukee, Wis. Filed July 30, 1927. Serial No. 252,787.

WALCOTE

Particular description of goods.—Kalsomine.
Claims use since Dec. 6, 1910.

233,488. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) NATIONAL TEA Co., Milwaukee, Wis. Filed Aug. 2, 1927. Serial No. 252,910.



Particular description of goods.—Coffee.
Claims use since June 1, 1926.

233,489. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) THE BRIDGEPORT MACHINE COMPANY, Wichita, Kans. Filed May 10, 1927. Serial No. 248,746.

Hole Maker

Particular description of goods.—Oil Well Drilling and Fishing Tools and Parts Thereof.
Claims use since early in 1926.

233,490. (CLASS 27. HOROLOGICAL INSTRUMENTS.) BULOVA WATCH COMPANY, INC., New York, N. Y. Filed July 8, 1927. Serial No. 251,850.

Rockland

Particular description of goods.—Watches and Watch-cases.
Claims use since May 1, 1917.

233,491. (CLASS 27. HOROLOGICAL INSTRUMENTS.) BULOVA WATCH COMPANY, INC., New York, N. Y. Filed July 8, 1927. Serial No. 251,651.

Westfield

Particular description of goods.—Watches and Watch-cases.
Claims use since May 1, 1917.

233,492. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE KROGER GROCERY & BAKING Co., Cincinnati, Ohio. Filed July 8, 1927. Serial No. 251,674.

AYONDALE

Particular description of goods.—Canned Green Beans and Canned Strained Tomatoes.
Claims use since December, 1912.

TRADE-MARK REGISTRATIONS RENEWED

30,440. COAL DERIVATIVES. Registered July 27, 1897. THE GAS LIGHT & COKE COMPANY, London, England, a Corporation of Great Britain. Renewed July 27, 1927.

30,457. CHEMICAL SUBSTANCES FOR SANITARY PURPOSES. Registered August 3, 1897. THE GAS LIGHT & COKE COMPANY, London, England, a Corporation of Great Britain. Renewed August 3, 1927.

30,916. PREPARATIONS FOR COAGULATING OR CURDLING MILK. Registered November 30, 1897. JOHAN D. FREDRIKSEN. Renewed November 30, 1927. to Chr. Hansen's Laboratory, Inc., Little Falls, N. Y., a Corporation of New York, assignee by mesne assignments.

30,992. DOORS, BLINDS, AND WINDOWS, GLAZED AND UNGLAZED, FRAMES, MOLDINGS, SHUTTERS, AND LUMBER ROUGH AND DRESSED. Registered December 21, 1897. ALONZO ROBERSON & SON. Renewed December 21, 1927. to A. Roberson & Son, Inc., Binghamton, N. Y., a Corporation of New York, successor.

31,022. CRACKERS AND CAKES. Registered December 21, 1897. UNITED STATES BAKING COMPANY, Pittsburgh, Allegheny, and Williamsport, Pa.; Cincinnati, Columbus, Zanesville, Dayton, Newark, Cleveland, Toledo, Mansfield, Akron, and Springfield, Ohio; Detroit, Bay City, Muskegon, and Lansing, Mich.; Indianapolis, Fort Wayne, Richmond, Evansville, and Terre Haute, Ind.; Wheeling, W. Va.; Buffalo and Rochester, N. Y.; Boston, Mass.; and Louisville, Ky. Renewed December 21, 1927, to National Biscuit Company, New York, N. Y., a Corporation of New Jersey, assignee by mesne assignments.

62,533. ANTIFRICTION BEARING METALS. Registered May 14, 1907. FAHRIG METAL COMPANY. Renewed May 14, 1927, to Fahrigr Bearing Metal Company, Inc., New York, N. Y., a Corporation of New York, successor.

63,262. COTTON PIECE GOODS. Registered June 11, 1907. FRED. BUTTERFIELD & Co. Renewed June 11, 1927, to Fred Butterfield & Co. Inc., New York, N. Y., a Corporation of New York, assignee.

63,653. MEDICINAL WINES. Registered July 2, 1907. HERMANN STEIN, Berlin, Germany. Renewed July 2, 1927.

63,788. A TOILET PREPARATION. Registered July 9, 1907. TERRE HAUTE EXTRACT & CHEMICAL Co. Renewed July 9, 1927, to Bear Manufacturing Company, Terre Haute, Ind., a Corporation of Indiana, assignee by mesne assignments.

63,970. AN ALLOY WHICH IS SUBSTANTIALLY INEXPANSIBLE. Registered July 16, 1907. SOCIETE ANONYME DE COMMENTRY FOURCHAMBAULT ET DECAZEVILLE, Paris, France, a Corporation of France. Renewed July 16, 1927.

64,054. ATOMIZERS. Registered July 23, 1907. McKesson & Robbins, New York, N. Y. Renewed July 23, 1927, to McKesson & Robbins, Incorporated, Bridgeport, Conn., a Corporation of Connecticut, assignee by mesne assignments.

64,116. DYES. Registered July 23, 1907. RAINBOW DYE COMPANY, New York, N. Y., a Corporation of New York. Renewed July 23, 1927.

64,144. CERTAIN MEDICINES. Registered July 23, 1907. McKesson & Robbins, New York, N. Y. Renewed July 23, 1927, to McKesson & Robbins, Incorporated, Bridgeport, Conn., a Corporation of Connecticut, assignee by mesne assignments.

64,528. ATOMIZERS. Registered August 13, 1907. McKesson & Robbins, New York, N. Y. Renewed August 13, 1927, to McKesson & Robbins, Incorporated, Bridgeport, Conn., a Corporation of Connecticut, assignee by mesne assignments.

64,636. CERTAIN MEDICINES. Registered August 13, 1907. McKesson & Robbins, New York, N. Y. Renewed August 13, 1927, to McKesson & Robbins, Incorporated, Bridgeport, Conn., a Corporation of Connecticut, assignee by mesne assignments.

64,718. CLOCKS AND WATCH MOVEMENTS. Registered August 20, 1907. WEBSTER C. BALL. Renewed August 20, 1927, to The Webb C. Ball Watch Company, Cleveland, Ohio, a Corporation of Ohio, successor.

64,844. GLUE. Registered August 27, 1907. BUFFALO SPECIALTY COMPANY. Renewed August 27, 1927, to Liquid Veneer Corporation, Buffalo, N. Y., a Corporation of New York, assignee.

- 65,038. DYES. Registered September 3, 1907. WELLS & RICHARDSON COMPANY. Renewed September 3, 1927, to Wells & Richardson Company, Incorporated, Burlington, Vt., a Corporation of Vermont, assignee.
- 65,262. CAR COUPLINGS. Registered September 17, 1907. THE NATIONAL MALLEABLE CASTINGS CO. Renewed September 17, 1927, to National Malleable and Steel Castings Company, Cleveland, Ohio, a Corporation of Ohio, assignee.
- 65,482. WRITING PAPER. Registered October 8, 1907. J. W. BUTLER PAPER CO. Renewed October 8, 1927, to Butler Paper Corporations, Chicago, Ill., a Corporation of Illinois, assignee.
- 65,483. WRITING PAPER. Registered October 8, 1907. J. W. BUTLER PAPER CO. Renewed October 8, 1927, to Butler Paper Corporations, Chicago, Ill., a Corporation of Illinois, assignee.
- 65,484. WRITING PAPER. Registered October 8, 1907. J. W. BUTLER PAPER CO. Renewed October 8, 1927, to Butler Paper Corporations, Chicago, Ill., a Corporation of Illinois, assignee.
- 65,541. CANNED FRUITS AND VEGETABLES. Registered October 8, 1907. WAYNE COUNTY CANNING CO. LTD., Marlon, N. Y., a Corporation of New York. Renewed October 8, 1927.
- 65,704. BOOT AND SHOE TREES, SHOE FORMS, LASTS, AND FOLLOWERS. Registered October 15, 1907. O. A. MILLER TREEING MACHINE COMPANY, Portland, Me., and Boston, Mass., a Corporation of Maine. Renewed October 15, 1927.
- 65,709. COFFEE. Registered October 15, 1907. W. F. McLAUGHLIN & COMPANY, Chicago, Ill., a Corporation of Illinois. Renewed October 15, 1927.
- 65,710. COFFEE. Registered October 15, 1907. W. F. McLAUGHLIN & COMPANY, Chicago, Ill., a Corporation of Illinois. Renewed October 15, 1927.
- 65,818. WHEAT FLOUR. Registered October 22, 1907. THE ALLEN & WHEELER CO., Troy, Ohio, a Corporation of Ohio. Renewed October 22, 1927.
- 65,819. WHEAT FLOUR. Registered October 22, 1907. THE ALLEN & WHEELER CO., Troy, Ohio, a Corporation of Ohio. Renewed October 22, 1927.
- 66,210. CERTAIN ELECTRICAL INSTRUMENTS. Registered November 12, 1907. STROMBERG-CARLSON TELEPHONE MFG. CO., Rochester, N. Y., a Corporation of New York. Renewed November 12, 1927.
- 66,217. AN AROMATIC SYNTHETIC LIQUID BASE FOR USE IN VIOLET PERFUMES. Registered November 19, 1907. HAARMANN DE LAIRE SCHAEFER CO. Renewed November 19, 1927, to Maywood Chemical Works, Maywood, N. J., a Corporation of New Jersey, assignee.
- 66,274. HEADACHE REMEDIES IN LIQUID AND TABLET FORM. Registered November 19, 1907. THE NEURALGYLINE COMPANY. Renewed November 19, 1927, to Sterling Products (Incorporated), Wheeling, W. Va., a Corporation of West Virginia, assignee.
- 66,316. CANNED FRUITS AND VEGETABLES. Registered November 19, 1907. WAYNE COUNTY CANNING CO. LTD., Marlon, N. Y., a Corporation of New York. Renewed November 19, 1927.
- 66,464. BEER. Registered December 3, 1907. ANHEUSER-BUSCH BREWING ASSOCIATION. Renewed December 3, 1927, to Anheuser-Busch, Incorporated, St. Louis, Mo., a Corporation of Missouri, assignee.
- 66,590. PRINTING AND WRITING PAPERS. Registered December 17, 1907. GRAHAM PAPER COMPANY, St. Louis, Mo., a Corporation of Missouri. Renewed December 17, 1927.
- 66,591. PRINTING AND WRITING PAPERS. Registered December 17, 1907. GRAHAM PAPER COMPANY, St. Louis, Mo., a Corporation of Missouri. Renewed December 17, 1927.
- 66,592. PRINTING AND WRITING PAPERS. Registered December 17, 1907. GRAHAM PAPER COMPANY, St. Louis, Mo., a Corporation of Missouri. Renewed December 17, 1927.
- 66,639. A REMEDY FOR EPILEPSY. Registered December 17, 1907. DR. W. TOWNS MEDICAL COMPANY, Fond du Lac, Wis. Renewed December 17, 1927, to Towns Remedy Co., Milwaukee, Wis., a Corporation of Wisconsin, successor.
- 66,695. WHEAT FLOUR. Registered December 24, 1907. ZWONECHEK & AKSAMIT. Renewed December 24, 1927, to Zwonechek & Aksamit Milling Co., Wilber, Nebr., a Corporation of Nebraska, successor.
- 66,696. WHEAT FLOUR AND CORN MEAL. Registered December 24, 1907. ZWONECHEK & AKSAMIT. Renewed December 24, 1927, to Zwonechek & Aksamit Milling Co., Wilber, Nebr., a Corporation of Nebraska, successor.
- 66,764. PRINTED BOOKS. Registered December 24, 1907. JOHN MURPHY COMPANY, Baltimore, Md., a Corporation of Maryland. Renewed December 24, 1927.
- 66,904. A CONDITION POWDER FOR HORSES, CATTLE, SHEEP, AND SWINE. Registered January 7, 1908. G. C. HANFORD MFG. CO., Syracuse, N. Y., a Corporation of New York. Renewed January 7, 1928.
- 66,938. CANDY. Registered January 7, 1908. UNITED DRUG COMPANY, Jersey City, N. J. Renewed January 7, 1928, to United Drug Company, Boston, Mass., a Corporation of Massachusetts, assignee.
- 66,939. CANDY. Registered January 7, 1908. UNITED DRUG COMPANY, Jersey City, N. J. Renewed January 7, 1928, to United Drug Company, Boston, Mass., a Corporation of Massachusetts, assignee.
- 67,064. WHEAT FLOUR. Registered January 14, 1908. THORNTON & CHESTER MILLING COMPANY, Buffalo, N. Y., a Corporation of New York. Renewed January 14, 1928.
- 67,283. PAPER AND CLOTH COATED WITH ADHESIVE MATERIAL. Registered January 28, 1908. HERMAN BEHR & CO. Renewed January 28, 1928, to Herman Behr & Company, Incorporated, New York, N. Y., a Corporation of New York, assignee.

LABELS

REGISTERED SEPTEMBER 27, 1927.

- 32,754.—Title: THE WHITE HOUSE KITCHEN SET. For Kitchen Utensils, Comprising Parers and Corers, Ball Cutters, Garnishers, and Slicers, and Orange Peelers. ACME METAL GOODS MANUFACTURING CO., Newark, N. J. Published March 10, 1927.
- 32,755.—Title: BEECH-NUT BISCUIT DAINTIES, BEECH-NUT BUTTER SWEETS. For Bakery Goods—Namely, Buttersweets Biscuits. BEECH-NUT PACKING COMPANY, Canajoharie, N. Y. Published July 2, 1926.
- 32,756.—Title: BEECH-NUT BISCUIT DAINTIES, BEECH-NUT SCOT CAKE. For Bakery Goods—Namely, Scot Cakes. BEECH-NUT PACKING COMPANY, Canajoharie, N. Y. Published July 2, 1926.
- 32,757.—Title: BEECH-NUT BISCUIT DAINTIES, BEECH-NUT CHOCOLATE WAFERS. For Bakery Goods—Namely, Chocolate Tea Wafers. BEECH-NUT PACKING COMPANY, Canajoharie, N. Y. Published July 2, 1926.
- 32,758.—Title: BEECH-NUT BISCUIT DAINTIES, BEECH-NUT CREAM CRACKERS. For Bakery Goods—Namely, Cream Crackers. BEECH-NUT PACKING COMPANY, Canajoharie, N. Y. Published July 2, 1926.
- 32,759.—Title: BEECH-NUT BISCUIT DAINTIES, BEECH-NUT VANILLA TEA WAFERS. For Bakery Goods—Namely, Vanilla Tea Wafers. BEECH-NUT PACKING COMPANY, Canajoharie, N. Y. Published July 2, 1926.
- 32,760.—Title: MADAM RUTH'S HAIR RESTORER. For Hair Restorer. RUTH HANNAH BIRKETT (MADAM RUTH), Wissinoming, Philadelphia, Pa. Published May 5, 1927.
- 32,761.—Title: PAU-ANU. For Medicinal Preparation. HANS A. BODE, doing business as Royal Hawaiian Laboratories, Honolulu, Territory of Hawaii. Published March 28, 1927.
- 32,762.—Title: FERNET-BRANCA. For an Anticholera and Tonic Remedy. FRATELLI BRANCA, Milan, Italy. Published April 1, 1927.
- 32,763.—Title: ON GUARD. For Vehicle Bumpers. THE C. G. SPRING & BUMPER COMPANY, Detroit, Mich. Published June 10, 1927.
- 32,764.—Title: DUNHAM'S COCOANUT MACAROONS. For Coconut Cakes. DUNHAM MANUFACTURING CO., Brooklyn, N. Y. Published July 22, 1927.
- 32,765.—Title: SELECT BRAND. For Sweet Relish. THE GELFAND MANUFACTURING COMPANY, doing business as Pickle Products Company, Baltimore, Md. Published June 9, 1927.
- 32,766.—Title: VAPOLINE. For Cleaner for Lacquer, Enamel, and Duco Finished Surfaces. MYRON D. GLASSBROOKE, doing business as Vapoline Products Co., Fresno, Calif. Published July 6, 1927.
- 32,767.—Title: COUNTRY CLUB SPECIAL. For Cereal Beverage Containing Less Than One-Half of One Per Cent of Alcohol. M. K. GOETZ BREWING CO., St. Joseph, Mo. Published October 29, 1921.
- 32,768.—Title: PATTON'S ICE CREAM SMAK. For Chocolate-Coated Ice Cream. ICE CREAM SMAK PRODUCTS CO., New York, N. Y. Published June 30, 1927.
- 32,769.—Title: MACFARLANE'S CALIFORNIA SALTED ALMONDS. For Salted Almonds. D. L. MACFARLANE, Oakland, Calif. Published May 25, 1927.
- 32,770.—Title: ZION SEASON'S GREETINGS CHOCOLATES. For Candy. THE MILWAUKEE PAPER BOX CO., Milwaukee, Wis. Published August 4, 1927.
- 32,771.—Title: RED CIRCLE SEASON'S GREETINGS ASSORTED CHOCOLATES. For Candy. THE MILWAUKEE PAPER BOX CO., Milwaukee, Wis. Published August 4, 1927.
- 32,772.—Title: RED CIRCLE WELL MAID CHOCOLATES. For Candy. THE MILWAUKEE PAPER BOX CO., Milwaukee, Wis. Published August 4, 1927.
- 32,773.—Title: PACIFIC COAST MALT. For Pure Barley Malt. GEORGE V. PETERS, doing business as Pacific Coast Hops and Malt Company, Baltimore, Md. Published June 1, 1927.
- 32,774.—Title: REAL SILK LINGERIE. For Women's Apparel—Namely, Lingerie. REAL SILK HOSIERY MILLS, INC., Indianapolis, Ind. Published January 1, 1926.
- 32,775.—Title: ALLEN'S COD-AN-YEAST. For Medicinal Tablets. DR. RICHARDS DYSPEPSIA TABLET ASSOCIATION, Norwalk, Conn. Published August 1, 1927.
- 32,776.—Title: SAWYER'S HONEY FLAVORED GRAHAM CRACKERS. For Graham Crackers. SAWYER BISCUIT COMPANY, Chicago, Ill. Published May 17, 1927.
- 32,777.—Title: HY-GLO-LAC. For Finishing Lacquer. HENRY N. SCHOFIELD, doing business as The Hy-Glo-Lac Co., Kansas City, Mo. Published May 3, 1927.
- 32,778.—Title: BLUE GOOSE. For Cigars. L. E. SENTZ, Felton, Pa. Published August 4, 1927.

PRINTS

REGISTERED SEPTEMBER 27, 1927.

- 10,196.—*Title:* THE NEW COMPLETE CADET VAN DYKE FOOT. For Hosiery. THE CADET KNITTING COMPANY, Philadelphia, Pa. Published May 1, 1927.
- 10,197.—*Title:* STAR STRAIGHT LINE POWER. For Star Automobile. HARRY B. DUNLAP, Ames, Iowa. Published January 2, 1927.
- 10,198.—*Title:* F-A QUALITY. For Bias-Fold Tapes, Shoulder Strappings, Lingerie Braids, Military Braids, Elastics, and Garters. FRIEDBERGER-AARON, Mfg. Co., Philadelphia, Pa. Published March 15, 1927.
- 10,199.—*Title:* CHAS. HOLLENBACH'S 314 ROLL. For Meat Products. CHARLES HOLLENBACH, Chicago, Ill. Published June 13, 1927.

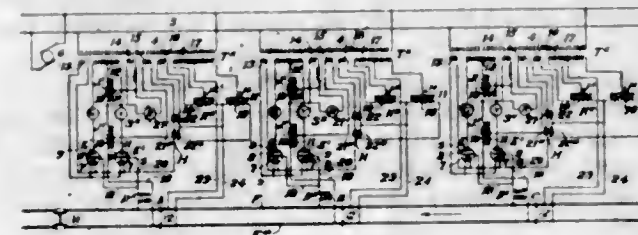
- 10,200.—*Title:* H M C PURCHASE PLAN. For Automobiles. HUDSON MOTOR CAR COMPANY, Detroit, Mich. Published August 3, 1927.
- 10,201.—*Title:* HIND'S HONEY & ALMOND CREAM. For Lotion. LEHN & FINK, INC., New York, N. Y. Published March 5, 1927.
- 10,202.—*Title:* HAIRRAIDE HAIR PREPARATIONS. For Medicinal Preparations for the Hair and Scalp. IRVING McEWEN, Omaha, Nebr. Published April 5, 1927.
- 10,203.—*Title:* THE SILVER LINING. For Catchup Chili Sauce. REID, MURDOCH & Co., Chicago, Ill. Published August 1, 1927.

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REISSUES

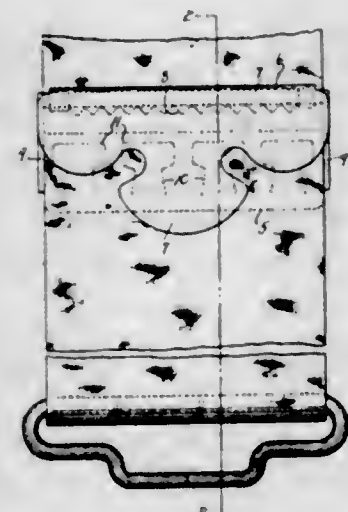
SEPTEMBER 27, 1927.

- 16,744. RAILWAY SIGNALING. LARS O. GRONDAHL, Pittsburgh, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a Corporation of Pennsylvania. Filed Aug. 18, 1927. Serial No. 213,940. Original application filed Feb. 9, 1922, Serial No. 535,194. Renewed Apr. 6, 1925. Original No. 1,599,711, dated Sept. 14, 1926. 8 Claims. (Cl. 246—34.)



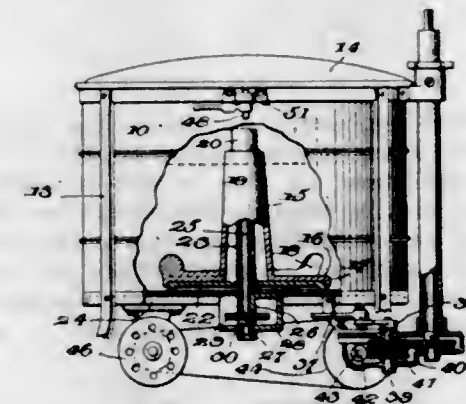
8. In combination, a section of railway track, a source of alternating current reversibly connected with the rails of said section, two electron tubes, a grid circuit for each tube energized from said track rails, two plate circuits one for each tube, the circuits for said tubes being so connected that one plate circuit or the other is conductive according as the current supplied to said track rails is of one relative polarity or the other, a proceed and a caution signal controlled by said two plate circuits respectively, and a stop signal responsive to the presence and absence of vehicles in said track section.

- 16,745. BUCKLE. ROSWELL A. MOORE and WILLIAM F. MURTHA, Waterbury, Conn., assignors to Waterbury Buckle Co., Waterbury, Conn., a Corporation. Filed June 27, 1927. Serial No. 201,944. Original No. 1,577,840, dated Mar. 23, 1926, Serial No. 66,712, filed Nov. 4, 1925. 4 Claims. (Cl. 24—265.)



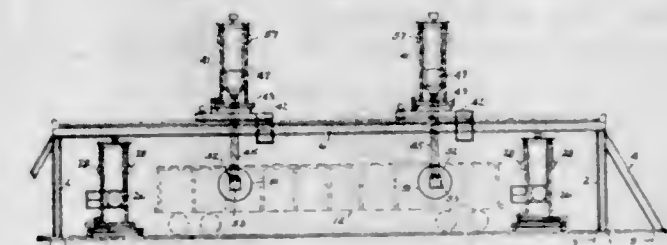
4. A buckle having a frame including a plate, the plate formed with grippers each comprising a neck and a head struck out from it, the heads being wider than the necks.

- 16,746. WASHING MACHINE. ALBERT R. HAAG, Peoria, Ill. Filed Feb. 19, 1927. Serial No. 169,639. Original No. 1,563,624, dated Dec. 1, 1925, Serial No. 728,079, filed July 25, 1924. 18 Claims. (Cl. 259—101.)



14. In a washing machine, a tub having an opening centrally disposed in the bottom thereof, a vertical drive shaft projecting through said opening to a point above the normal water level in the tub and adjacent to the top thereof, a column surrounding said shaft and terminating adjacent the upper end thereof, said column having a watertight connection at the bottom of the tub, means for agitating the contents of the tub, said agitating means comprising a disk-like member arranged adjacent to the bottom of the tub, a plurality of agitating blades on the upper surface of said disk member, a central sleeve formed integral with said disk and projecting upwardly therefrom, means for positively connecting the upper end of said sleeve with the upper end of the drive shaft whereby the agitating means is driven from said shaft, and means for centering the said disk member about its vertical axis during actuation.

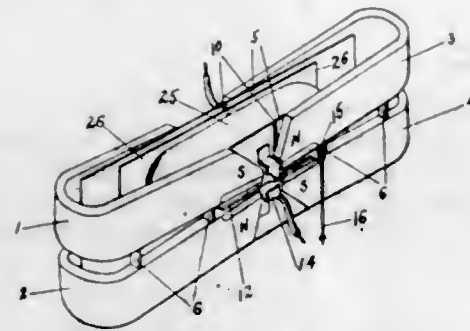
- 16,747. SAWING APPARATUS AND METHOD. WILLIAM S. DIETRICH, Greenville, Pa., assignor to The Greenville Steel Car Company, Greenville, Pa., a Corporation of Pennsylvania. Filed July 23, 1927. Serial No. 208,606. Original application filed July 24, 1926, Serial No. 124,616. Divided and application filed Oct. 30, 1926, Serial No. 145,351. Original No. 1,631,927, dated June 7, 1927. 12 Claims. (Cl. 29—69.)



1. An apparatus of the character described having in combination a trackway above which a unit of railway rolling stock to be operated on may be retained in position principally by its own weight, a trackway extending parallel to said first-named trackway, a high speed friction saw unit mounted on said last-named trackway, and means for traversing said saw at right angles to said second trackway.

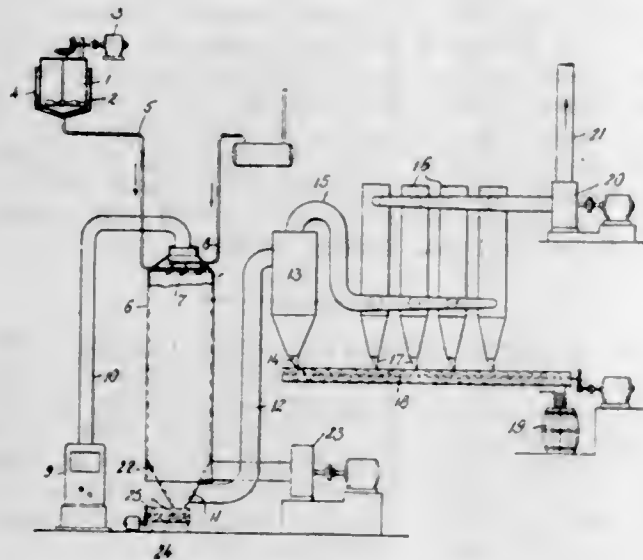
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16,748. SOUND-REPRODUCING APPARATUS. CLAYTON M. ROUBETTE, Revere, Mass. Filed June 28, 1927. Serial No. 202,152. Original No. 1,557,554, dated Oct. 20, 1925. Serial No. 576,539, filed July 21, 1922. 14 Claims. (Cl. 173-119.)



11. In a sound reproducing apparatus, the combination of an armature, means supporting said armature for oscillating movement about an axis, a coil encircling said armature and operative when a current flows therethrough to create north and south magnetic poles in said armature with said poles adjacent, respectively, to the opposite ends of said axis, and means for creating magnetic lines of force cooperating with said magnetic poles to oscillate said armature on its axis.

16,749. MANUFACTURE OF A FINELY-DIVIDED DRY SOAP PRODUCT. ROBERT L. HOLLIDAY, New York, N. Y., assignor to Industrial Spray-Drying Corporation, New York, N. Y., a Corporation of Delaware. Filed July 21, 1927. Serial No. 207,548. Original No. 1,621,506, dated Mar. 22, 1927, Serial No. 102,860, filed Apr. 19, 1929, and in Canada Mar. 17, 1927. 7 Claims. (Cl. 57-16.)



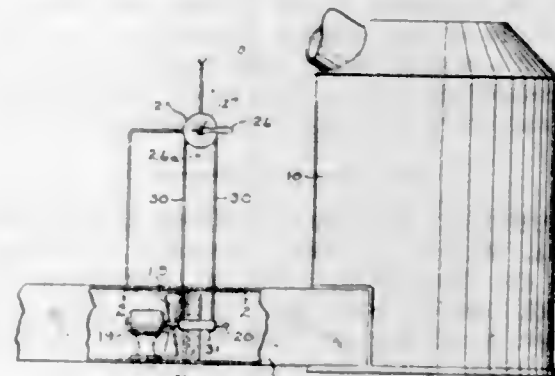
1. The process of manufacturing a soap product in powder form which comprises preparing a soap stock in the condition of a reasonably free flowing liquid, spraying

the said soap stock to present it in the form of a uniformly distributed liquid spray made up of small liquid drops of the same general order of magnitude in size and of generally globular form as in the case of true liquids as distinguished from the irregular fragments of a disintegrated pasty material, entraining the drops of the sprayed soap stock in a downwardly flowing current of heated drying gas which positively carries and propels the said drops and the particles of soap resulting therefrom downwardly through the apparatus in like manner and direction of flow until uniform drying thereof is complete and separating and collecting the particles of the finished soap product from the said current of drying gas.

16,750. PROCESS OF PREPARING A MATERIAL SUITABLE FOR USE IN THE MANUFACTURE OF MOLDED ARTICLES. STEPHEN J. HAYDE, Kansas City, Mo., assignor to American Aggregate Company, Kansas City, Mo., a Corporation of Missouri. Filed Feb. 28, 1919. Serial No. 279,906. Original No. 1,255,878, dated Feb. 12, 1918, Serial No. 178,396, filed July 3, 1917. 15 Claims. (Cl. 106-35.)

1. The process of making aggregate suitable for the manufacture of molded articles which consists in burning a raw argillaceous material containing a lime producing substance, treating said burned material with water to slake the lime present therein, and crushing the burned material.

16,751. HEATING AND VENTILATING APPARATUS. ALBERT R. TEARE, Lakewood, Ohio, assignor to James C. Miles, Cleveland, Ohio. Filed Aug. 6, 1927. Serial No. 211,240. Original No. 1,607,372, dated Nov. 16, 1926, Serial No. 84,081, filed Jan. 27, 1926. 4 Claims. (Cl. 126-99.)



1. In combination, a heating chamber of a hot air furnace having an air inlet, a fan and damper disposed across the inlet, an electric motor for actuating the fan, a switch for controlling the operation of said motor, and a mechanical connection between the switch and damper, whereby the damper is opened when the switch is opened and is closed when the switch is closed.

DESIGNS

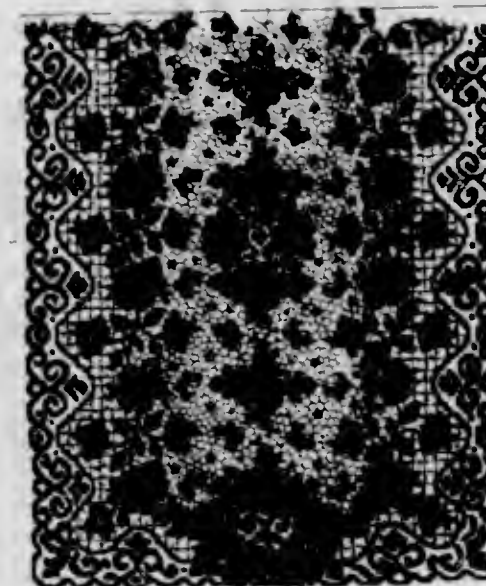
SEPTEMBER 27, 1927.

73,514. CONDIMENT HOLDER. EYA K. ALLISON, Los Angeles, Calif. Filed June 11, 1927. Serial No. 22,406. Term of patent $3\frac{1}{2}$ years.



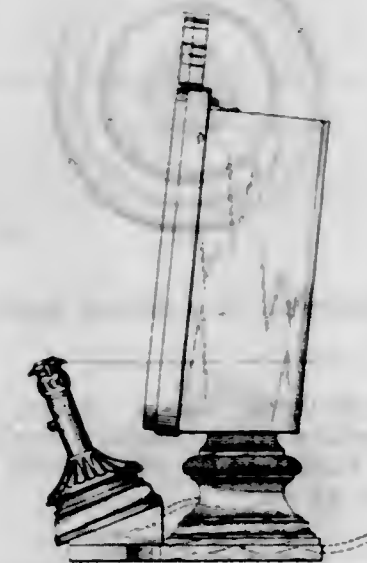
The ornamental design for a condiment holder as shown.

73,515. LACE. LAWRENCE DINKELSPIEL, West New York, N. J., assignor to Dinkelspiel & Co., Inc., West New York, N. J., a Corporation of New Jersey. Filed Apr. 12, 1927. Serial No. 21,562. Term of patent $3\frac{1}{2}$ years.



The ornamental design for lace, as shown and described.

73,516. CIGAR-LIGHTER CABINET. RANDOLPH H. GIBSON, Chicago, Ill. Filed June 2, 1927. Serial No. 22,283. Term of patent $3\frac{1}{2}$ years.



The ornamental design for a cigar lighter cabinet, as shown.

73,517. WATCHCASE. FREDERICK G. GRUEN, Cincinnati, Ohio, assignor to The Gruen National Watch Case Company, Cincinnati, Ohio, a Corporation of Ohio. Filed July 18, 1927. Serial No. 22,795. Term of patent $3\frac{1}{2}$ years.



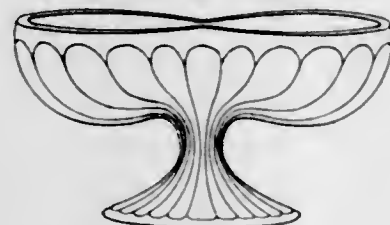
The ornamental design for a watchcase, as shown.

73,518. LIGHTING FIXTURE. EDWIN F. GUTH, St. Louis, Mo. Filed July 28, 1926. Serial No. 18,510. Term of patent 14 years.



The ornamental design for a lighting fixture, as shown.

73,519. SERVICE DISH. REUBEN HALEY, Beaver, Pa., assignor to Indiana Glass Company, Dunkirk, Ind., a Corporation. Filed June 27, 1927. Serial No. 22,575. Term of patent 14 years.



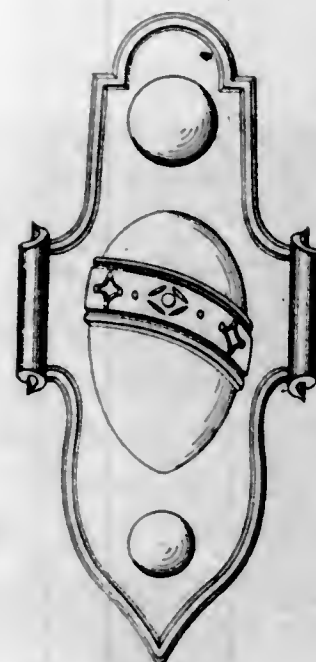
The ornamental design for a service dish, as shown.

73,520. ITALIAN-EFFECT LIGHTING-FIXTURE SHIELD. HARRY R. HOLDEMAN, Los Angeles, Calif., assignor to The J. M. Feldman Co., Inc., Los Angeles, Calif. Filed Apr. 6, 1927. Serial No. 21,469. Term of patent $3\frac{1}{2}$ years.



The ornamental design for an Italian-effect lighting-fixture shield, as shown.

73,521. ITALIAN-EFFECT LIGHTING-FIXTURE SHIELD. HARRY R. HOLDEMAN, Los Angeles, Calif., assignor to The J. M. Feldman Co., Inc., Los Angeles, Calif. Filed Apr. 6, 1927. Serial No. 21,474. Term of patent $3\frac{1}{2}$ years.



The ornamental design for an Italian-effect lighting-fixture shield, as shown.

73,522. SCROLL-EFFECT LIGHTING-FIXTURE ORNAMENT. HARRY R. HOLDEMAN, Los Angeles, Calif., assignor to The J. M. Feldman Co., Inc., Los Angeles, Calif. Filed Apr. 6, 1927. Serial No. 21,475. Term of patent $3\frac{1}{2}$ years.



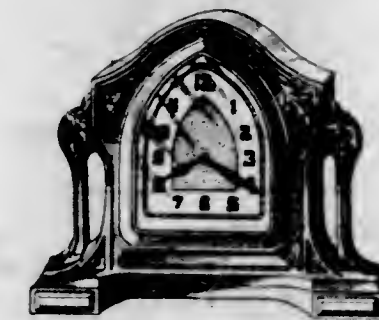
The ornamental design for a scroll effect lighting fixture ornament, as shown.

73,523. ITALIAN-EFFECT LIGHTING-FIXTURE RING. HARRY R. HOLDEMAN, Los Angeles, Calif., assignor to The J. M. Feldman Co., Inc., Los Angeles, Calif. Filed Apr. 6, 1927. Serial No. 21,479. Term of patent $3\frac{1}{2}$ years.



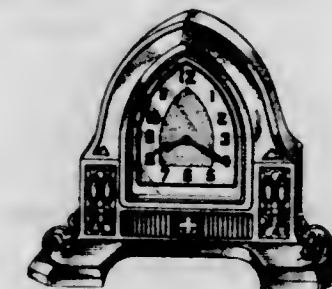
The ornamental design for an Italian effect lighting fixture ring, as shown.

73,524. CLOCK CASE. JACK KATZ, New York, N. Y. Filed July 21, 1927. Serial No. 22,833. Term of patent $3\frac{1}{2}$ years.



The ornamental design for a clock case, as shown.

73,525. CLOCK CASE. JACK KATZ, New York, N. Y. Filed July 21, 1927. Serial No. 22,834. Term of patent $3\frac{1}{2}$ years.



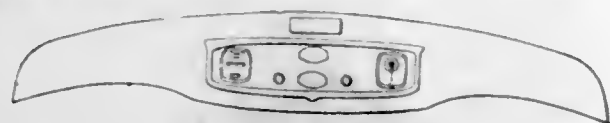
The ornamental design for a clock case, as shown.

73,526. CLOCK CASE. JACK KATZ, New York, N. Y. Filed July 21, 1927. Serial No. 22,835. Term of patent $3\frac{1}{2}$ years.



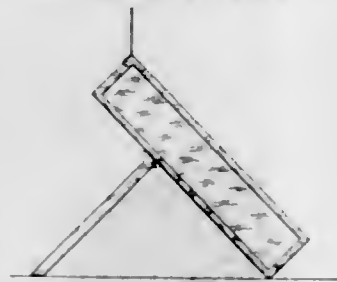
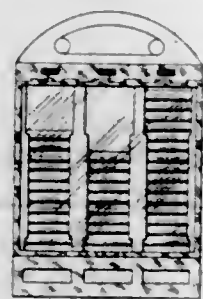
The ornamental design for a clock case as shown.

73,527. AUTOMOBILE INSTRUMENT PANEL. PHILIP J. KENT, Royal Oak, Mich., assignor to Chrysler Corporation, Detroit, Mich., a Corporation of Delaware. Filed Apr. 1, 1927. Serial No. 21,426. Term of patent 14 years.



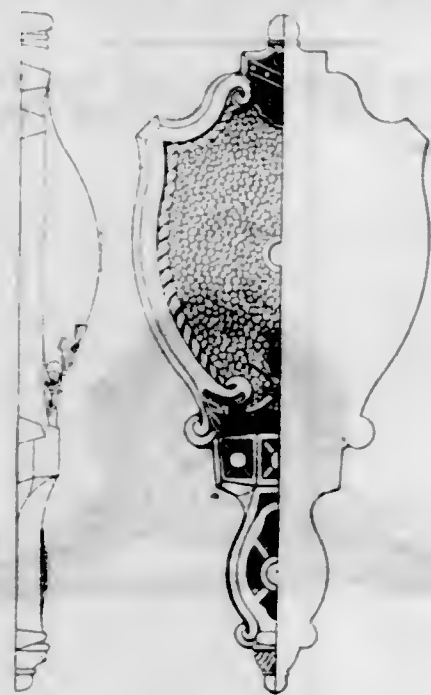
The ornamental design for an automobile instrument panel, as shown.

73,528. VENDING-MACHINE CASE. CHARLES F. KUATZ, Rock Island, Ill. Filed July 25, 1927. Serial No. 22,867. Term of patent $3\frac{1}{2}$ years.



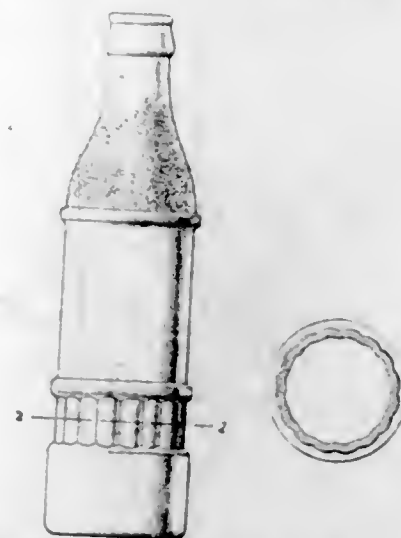
The ornamental design for a vending machine case, as shown.

73,529. WALL PLATE FOR ELECTRIC-LIGHT FIXTURES. CHARLES W. LOGAN, Kenmore, N. Y., assignor to Markel Electric Products, Inc., Buffalo, N. Y., a Corporation of New York. Filed Apr. 27, 1927. Serial No. 21,749. Term of patent $3\frac{1}{2}$ years.



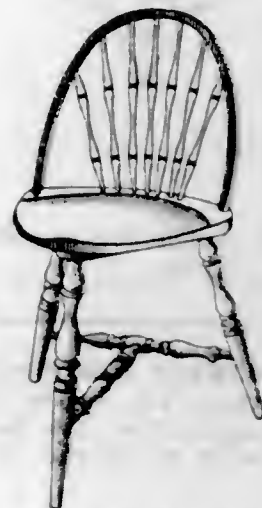
The ornamental design for a wall plate for electric light fixtures, as shown.

73,530. BOTTLE. EARLE KEITH LYONS, San Antonio, Tex., assignor to Delaware Punch Company of America, San Antonio, Tex., a Corporation of Delaware. Filed June 16, 1927. Serial No. 22,452. Term of patent 14 years.



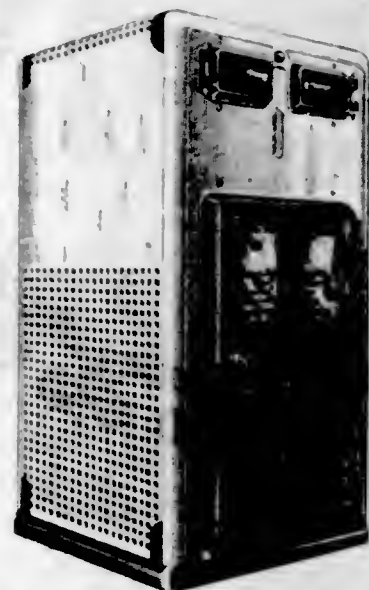
The ornamental design for a bottle as shown.

73,531. CHAIR. BARNET W. MCLEAN, Philadelphia, Pa. Filed July 7, 1927. Serial No. 22,689. Term of patent 14 years.



The ornamental design for a chair substantially as shown.

73,532. PARLOR-HEATER CASING. ANDRÉ M. MERTZANOFF, New York, N. Y., assignor to American Radiator Company, New York, N. Y., a Corporation of New Jersey. Filed July 31, 1926. Serial No. 18,562. Term of patent 14 years.



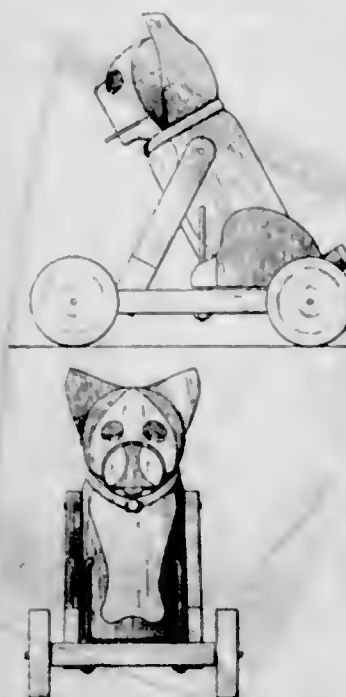
The ornamental design for a parlor heater casing, as shown.

73,533. PARLOR-HEATER CASING. ANDRÉ M. MERTZANOFF, New York, N. Y., assignor to American Radiator Company, New York, N. Y., a Corporation of New Jersey. Filed Feb. 8, 1927. Serial No. 20,664. Term of patent 14 years.



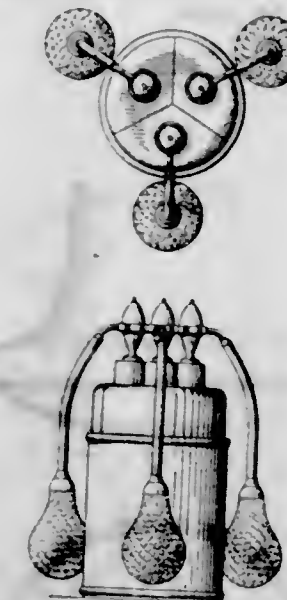
The ornamental design for a parlor heater casing, as shown.

73,534. TOY OR ARTICLE OF SIMILAR NATURE. FRANK B. MILLER, Norwalk, Ohio. Filed June 2, 1927. Serial No. 22,281. Term of patent 7 years.



The ornamental design for a toy or article of similar nature substantially as shown.

73,535. PERFUME ATOMIZER. GUSTAVE M. MINTON, Jr., New York, N. Y. Filed June 16, 1927. Serial No. 22,449. Term of patent $3\frac{1}{2}$ years.



The ornamental design for a perfume atomizer as shown.

73,536. SAFETY CATCH FOR PIN STEMS. EUGENE MOREHOUSE, Providence, R. I., assignor to B. A. Ballou & Co., Inc., Providence, R. I., a Corporation of Rhode Island. Filed May 1, 1925. Serial No. 13,278. Term of patent 14 years.



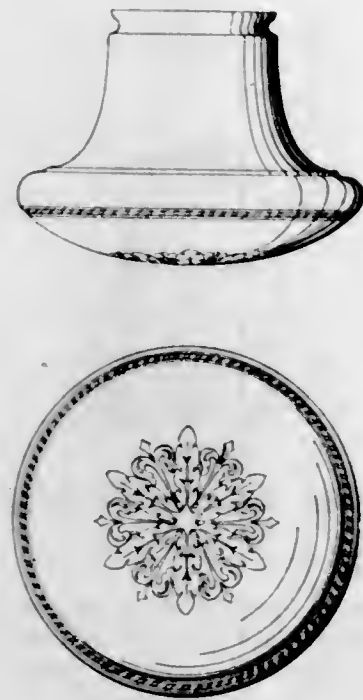
The ornamental design for a safety catch for pin stems, as shown and described.

73,537. LACE. ALBERT E. NEWTON, Providence, R. I., assignor to The Rhode Island Lace Works, Inc., West Barrington, R. I., a Corporation of Rhode Island. Filed July 13, 1927. Serial No. 22,747. Term of patent $3\frac{1}{2}$ years.



The ornamental design for lace substantially as shown.

73,538. GLOBE FOR LIGHTING FIXTURES. RAYMOND V. OWEN, St. Louis, Mo., assignor to The Edwin F. Guth Company, St. Louis, Mo., a Corporation of Missouri. Filed July 28, 1926. Serial No. 18,516. Term of patent 14 years.



The ornamental design for a globe for lighting fixtures, as shown.

73,539. CHANDELIER OR ARTICLE OF SIMILAR NATURE. THORVALD J. PETERSEN, New York, N. Y., assignor to Globe Lighting Fixture Mfg. Co., Brooklyn, N. Y. Filed May 11, 1927. Serial No. 21,934. Term of patent 3½ years.



The ornamental design for a chandelier or article of similar nature as shown.

73,540. GLASS BOTTLE. WILLIAM JOHNSTON READY, Richmond, Va., assignor to American Glass Works, Incorporated, Richmond, Va., a Corporation. Filed Mar. 31, 1926. Serial No. 17,137. Term of patent 7 years.



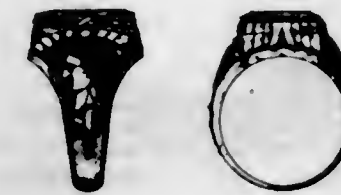
The ornamental design for a glass bottle, as shown.

73,541. TOWEL. WINOLD REISS, New York, N. Y., assignor to W. H. & A. E. Margerison & Co., a Firm composed of William H. Margerison and Albert E. Margerison, Philadelphia, Pa. Filed June 7, 1927. Serial No. 22,359. Term of patent 3½ years.



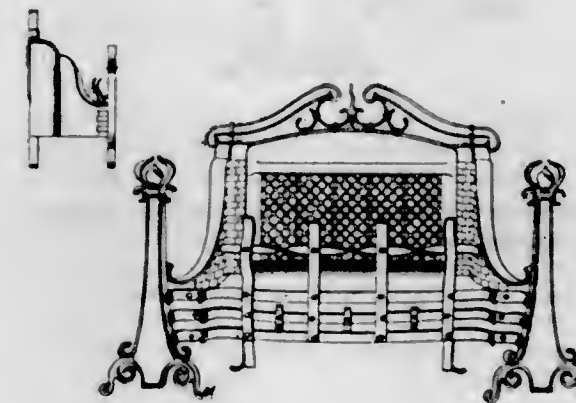
The ornamental design for a towel, as shown.

73,542. FINGER RING. ABRAHAM SHIMAN, Newark, N. J. Filed July 1, 1927. Serial No. 22,645. Term of patent 3½ years.



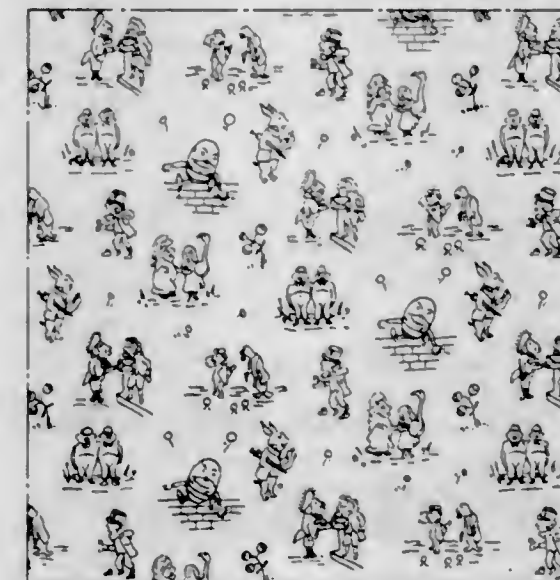
The ornamental design for a finger ring, as shown.

73,543. RADIANT GAS HEATER. ARCHIE L. SPANGLER, Los Angeles, Calif., assignor to Pacific Gas Radiator Company, Los Angeles, Calif., a Corporation of California. Filed Oct. 30, 1926. Serial No. 19,548. Term of patent 7 years.



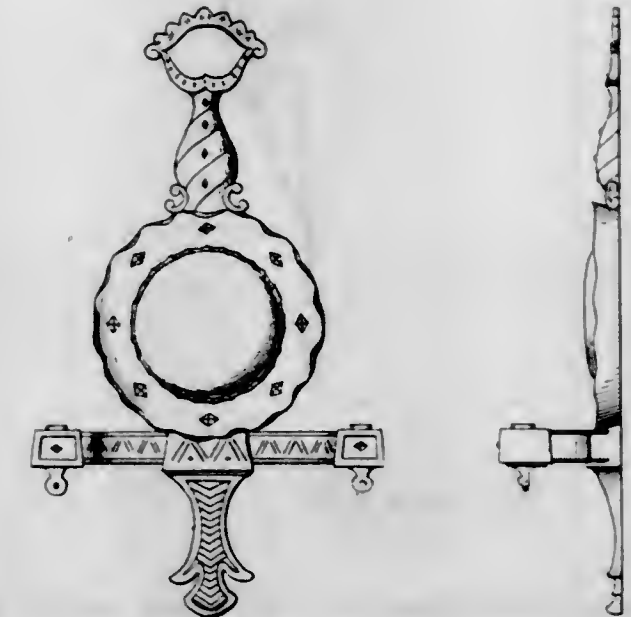
The ornamental design for a radiant gas heater, as shown.

73,544. TEXTILE FABRIC. EDWARD AUGUSTUS WEEKS, Elizabeth, N. J., assignor to Weeks, Sawyer & Co., New York, N. Y., a Copartnership composed of Olin H. Fleming, Arthur Harris, and Edward A. Weeks. Filed Apr. 28, 1927. Serial No. 21,776. Term of patent 3½ years.



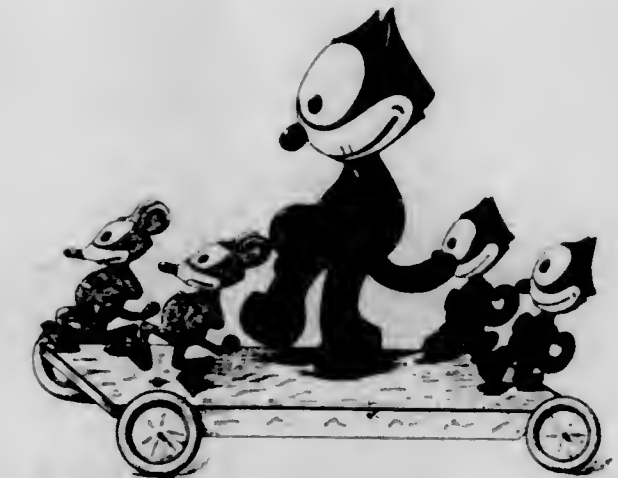
The ornamental design for a textile fabric substantially as shown.

73,545. BRACKET BACK FOR LIGHTING FIXTURES. LESTER R. WELLMAN, Chicago, Ill., assignor to Steinbridge & Brandt, Chicago, Ill., a Copartnership. Filed Jan. 31, 1927. Serial No. 20,549. Term of patent 3½ years.



The ornamental design for a bracket back for lighting fixtures, as shown.

73,546. TOY OR SIMILAR ARTICLE OF MANUFACTURE. FRANK BERT WENDEL, Cranford, N. J., assignor to Patrick Sullivan, New York, N. Y. Filed Mar. 2, 1927. Serial No. 20,938. Term of patent 3½ years.



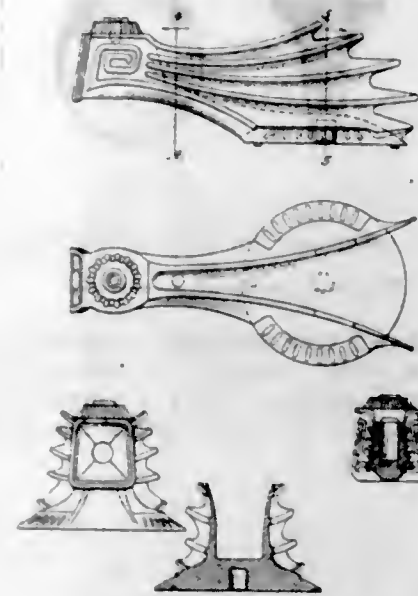
The ornamental design for a toy or similar article of manufacture substantially as shown and described.

73,547. WALL-BRACKET ELECTRICAL FIXTURE. SAMUEL C. WILHITE, Los Angeles, Calif., assignor to Wilhite Machine Works, Inc., Los Angeles, Calif., a Corporation of California. Filed Dec. 7, 1926. Serial No. 19,958. Term of patent $3\frac{1}{2}$ years.



The ornamental design for a wall bracket electrical fixture, as shown.

73,548. AUTOMOBILE RADIATOR ORNAMENT. GEORGE J. ZEIS, Buffalo, N. Y. Filed Feb. 12, 1927. Serial No. 20,721. Term of patent $3\frac{1}{2}$ years.

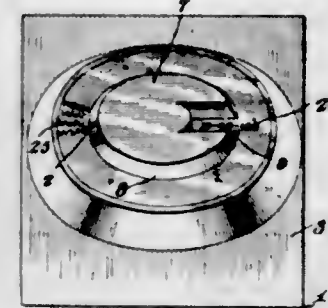


The ornamental design for an automobile radiator ornament as shown.

PATENTS

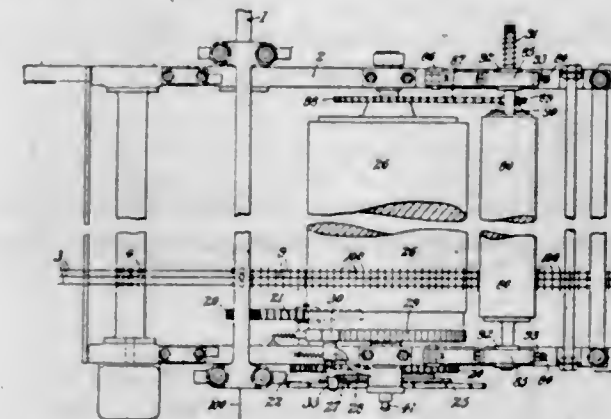
GRANTED SEPTEMBER 27, 1927.

1,643,290. RADIO DEVICE. GEORGE R. ANDERSON, Rockford, Ill. Filed Nov. 22, 1924. Serial No. 751,636. 1 Claim. (Cl. 40—70.)



In a device for logging radio stations, a table, a shaft, means for mounting the shaft removably on the table, a rotor journaled on the shaft, plus projecting from the rotor, a chart removably mounted on the rotor and having openings receiving the plus, the plus and the openings constituting interengaging elements on the chart and on the rotor which coact to hold the chart detachably on the rotor to turn therewith, a fixed head on the shaft, the head overhanging the rotor to retain the rotor on the shaft, and overhanging the chart to hold said interengaging elements interengaged, the head having an opening through which different parts of the chart are exposed, when the rotor and the chart are rotated together, the opening in the head being elongated, and means for supporting the table in an upwardly and rearwardly inclined position with respect to an observer, and with the longest dimension of the opening in the head in a substantially horizontal position, thereby to facilitate the reading of that portion of the indicia on the chart which is exposed through the opening in the head.

1,643,291. APPARATUS FOR THE PRODUCTION OF WELDED-WIRE FABRIC. ALAN ARMSTRONG, Whitley Bay, England, assignor to Pilkington Brothers Limited, Liverpool, England. Original application filed Nov. 18, 1924, Serial No. 750,715, and in Great Britain Nov. 20, 1923. Divided and this application filed May 28, 1926. Serial No. 112,272. 7 Claims. (Cl. 140—112.)

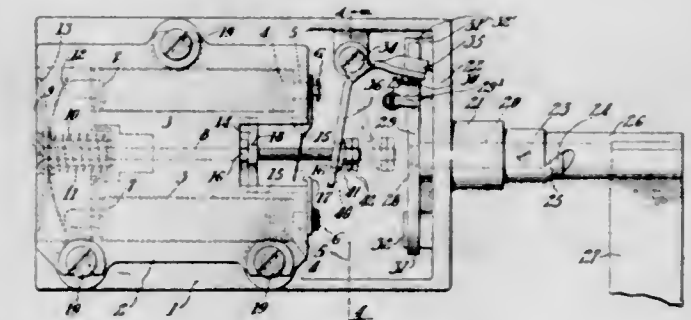


1. In apparatus of the type described for producing welded wire fabric, fabric-feeding means consisting of a drum the partial rotation of which determines the feed,

362 O. G.—47

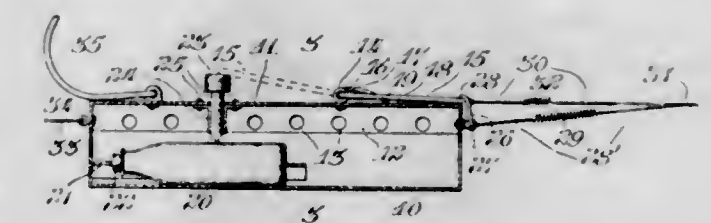
teeth on the drum adapted to engage the weft wires, a pair of rolls located beyond the drum, between which the fabric passes, driving means for the rolls adapted to turn them at a peripheral speed exceeding that of the drum, and a clutch between the driving means and the rolls adapted to slip when the desired feed has been effected.

1,643,292. MOTOR CONTROLLER. DANIEL H. CHASON, Elizabeth, N. J., assignor to The Singer Manufacturing Company, Elizabeth, N. J., a Corporation of New Jersey. Filed Nov. 19, 1924. Serial No. 750,734. 6 Claims. (Cl. 201—50.)



6. The combination of a base having at one end a wall at right angles to said base, with a compression rheostat mounted on said base and having an operating pull-rod parallel to said base and at right angles to said end-wall, a rock-shaft journaled transversely of and passing through said end-wall a cam on said rock-shaft within said end-wall, and a bellcrank-lever fulcrumed on said base and having one of its arms in engagement with said cam, the other arm of said bellcrank-lever being apertured to receive said pull-rod, and means on the end of said pull-rod constituting a head against which the bellcrank-lever is pressed to exert a pull on said rod.

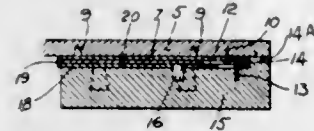
1,643,293. BURGLAR GUARD. PATRICK J. CLARKE, Chicago, Ill., assignor of one-half to Matthew Jaros, Chicago, Ill. Filed Dec. 18, 1926. Serial No. 155,755. 5 Claims. (Cl. 116—75.)



4. A burglar guard comprising a casing, a fragile gas container mounted in said casing, a cover for said casing having a plurality of gas escaping apertures therein, a reciprocating shatter member mounted in said cover and positioned above said fragile gas container, a striker pivoted to said cover and spring pressed in a direction to strike said shatter member and a latch pivoted to said cover and normally engaging said striker to hold said striker under spring tension.

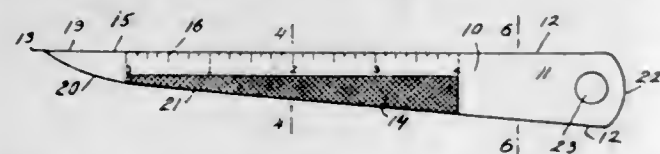
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- 1,643,294. INTERCHANGEABLE RUBBER HEEL. ARTHUR H. COWLIN, Sidney, British Columbia, Canada. Filed Apr. 28, 1926. Serial No. 105,228. 1 Claim. (Cl. 36—36.)



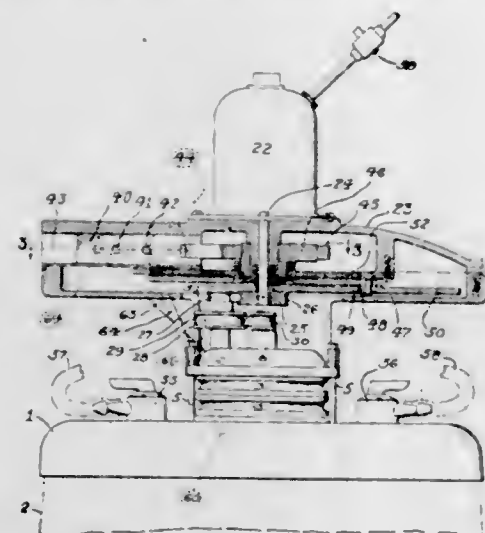
In combination, a shoe sole, a plate having prongs struck therefrom embedded in the shoe sole, fastening elements holding the plate to the sole, said plate provided with a marginal offset flange, a second plate having prongs struck therefrom and embedded in the rubber heel, said second plate being provided with a marginal flange bent over upon itself to form a recess for slidably receiving the first mentioned flange, said second plate being formed with a recess and a prong projecting from the recess, a latch shank situated in the recess between the second plate and the rubber heel and the prong of the recess piercing a portion of the shank and embedded in the rubber heel, said shank having an offset extension for engaging the edge of the first mentioned plate to prevent accidental displacement of the second plate from the first plate.

- 1,643,295. MANICURING DEVICE. ELLEN BODLEY CRUMP, Nitta Yuma, Miss. Filed Sept. 25, 1924. Serial No. 739,886. 1 Claim. (Cl. 132—73.)



As an article of manufacture a combination implement comprising a flat flexible body with a comparatively broad handle portion and narrowing down longitudinally to a point formed by the termination of a straight and a tapered thin edge, abrasive areas on said body for nail-filing purposes, and cutting edges for a relatively short distance from said point.

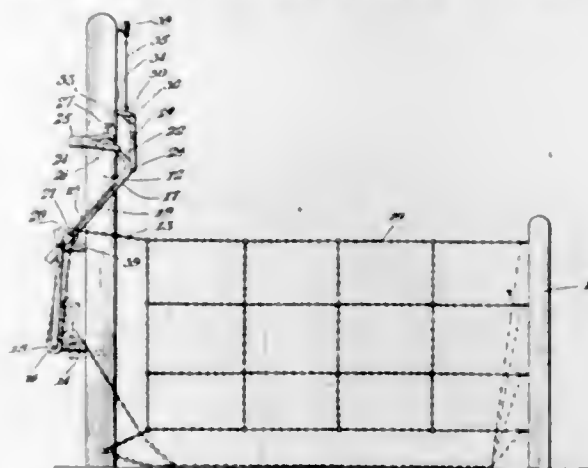
- 1,643,296. VACUUM PUMP AND COMPRESSOR FOR MILKING MACHINES. JOSEPH P. DEVINE, Buffalo, N. Y. Filed Oct. 3, 1921. Serial No. 504,972. Renewed Feb. 15, 1927. 3 Claims. (Cl. 31—74.)



1. In apparatus of the character described, the combination with a milk container, of a rotary air pump having a vacuum chamber and a compression chamber, teat cup connections in communication with the container, a pulsating device mounted upon the pump, a driving shaft, means for connecting the driving shaft and said

pulsating device to drive the device, means for connecting the said driving shaft and the said pump to operate the pump, and air-conducting connections whereby the said pulsating device is in communication with the vacuum chamber and the compression chamber of the pump.

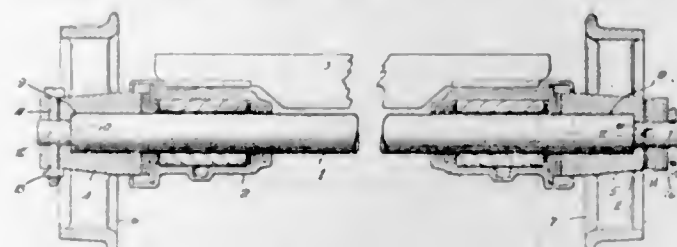
- 1,643,297. GATE. JOHN SURDAN FITCH and JAMES FRANCIS TOBIN, Everts, Alberta, Canada. Filed July 6, 1926. Serial No. 120,794. 3 Claims. (Cl. 39—6.)



1. In a device of the character described, the combination, with a flexible gate member provided with an extension, of a supporting post, a pulley rigidly mounted on the post and adapted to engage with the extension, a link member formed with engaging means at one end and pivotally mounted at the other end, a second pulley slidably mounted in the link member and adapted to engage with the extension, a pivotally mounted hook member adapted to detachably engage with the link member engaging means, a second link pivotally connected to the first-mentioned link and having pivotally mounted thereon a hooked carrying arm, and means formed on the pivotally mounted hook member adapted to detachably engage with said hooked arm, a cable, operable from a distance, connected to said arm whereby on the cable being pulled the hooked arm is raised to disengage the link from the pivotally mounted hook member permitting the gate in engagement with the pulley in said link to drop into open position and whereby on the cable being further operated the pulley carrying link connected to the gate is raised to re-engage with the pivotally mounted hook member and retain the gate in built up position.

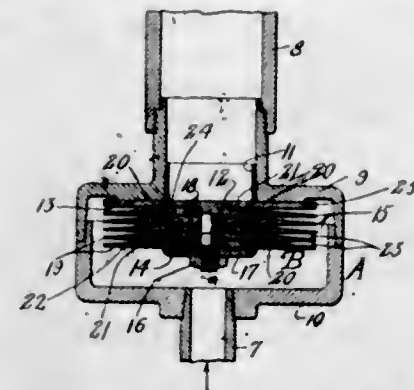
3. A flexible gate of the character described, and in combination, with a fixed pulley adapted to engage an extension on the gate, said extension, a swingingly mounted and slotted link member pivotally associated with the gate extension and provided with a slidably operable pulley, cable operable mechanism for detachably suspending said link and retaining it in suspended position.

- 1,643,298. TRUCK FOR MINE CARS. JAMES R. FLEMING, Scranton, Pa. Filed Feb. 9, 1926. Serial No. 87,008. 1 Claim. (Cl. 295—49.)



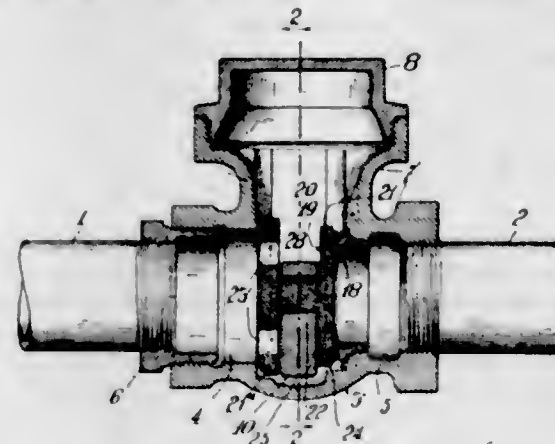
A device of the class described comprising an axle having a reduced portion at its end providing a shoulder, a wheel mounted on said end and having an elongated hub, the hub of said wheel having a bore of different diameters providing a shoulder for cooperation with the shoulder on the axle, and a fastening member extending through openings in the hub and the reduced portion of the axle.

- 1,643,299. APPARATUS FOR FILTERING. WILLIAM H. FURNESS, National Park, N. J., assignor to Cellocilk Company, Philadelphia, Pa., a Corporation of Delaware. Filed Dec. 6, 1924. Serial No. 754,254. 1 Claim. (Cl. 210—169.)



A plate for a filtering unit of the character described of diminishing thickness from the fluid outlet point to the fluid inlet point, having passages through the plate adjacent the thickest portion and a channel establishing communication between the passages.

- 1,643,300. TRAIN-PIPE END VALVE. EGBERT H. GOLD, Evanston, Ill. Filed Sept. 7, 1926. Serial No. 133,982. 13 Claims. (Cl. 251—18.)



4. An end train pipe valve comprising a casing, a valve seat therein, a disk-shaped valve member comprising a pair of parallel circular plates connected by an axial stem, one of the plates being formed to cooperate with the valve seat to close the valve, there being a plurality of bleeding ports in this plate which are closed by the valve seat when the valve member is in complete valve closing position, and the other plate being perforated to permit the free passage of steam therethrough, means in the casing for guiding the valve member for edgewise movement to or from a valve closing position, and means loosely engaging the stem for moving the valve.

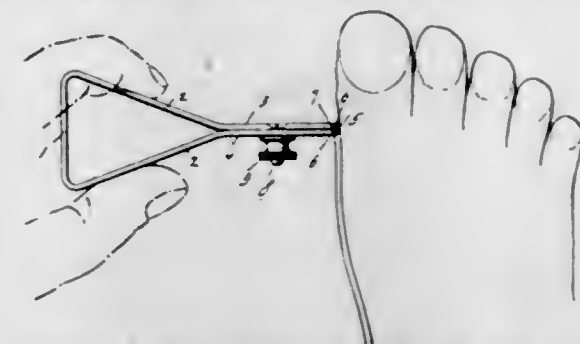
- 1,643,301. PROCESS OF TREATING BUTTER CREAM. GEOFFREY ARTHUR GRAY, Cincinnati, Ohio, and MORTON BERNHARD NEWBURGER, Covington, Ky. Filed July 16, 1923. Serial No. 651,978. 2 Claims. (Cl. 99—13.)

1. The process of making butter, comprising the steps of adding sulphur dioxide to the cream prior to shipment, oxidizing the sulphur dioxide by means of hydrogen peroxide after shipment, fermenting the cream, and churning the cream into butter.

- 1,643,302. TRACING TOOL. LOUIS J. HOMAN, Jr., Cincinnati, Ohio. Filed Jan. 17, 1925. Serial No. 3,186. 1 Claim. (Cl. 33—42.)

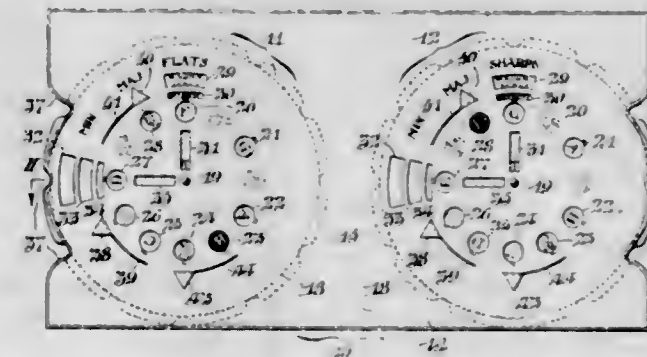
A marking implement comprising a flat strip of resilient material bent upon itself to provide a handle portion having an edge for engagement with the surface to be marked, and two spring retractible oppositely related arms as prolongations of the handle portion, the inner

face of each arm having a groove therein at right angles to the long axis of the arm, said grooves registerable when the spring arms are brought together, a pencil element clamped in said registerable grooves and projecting beyond the arms at one side, and means for drawing the arms to and holding the same in clamping position.



ment clamped in said registerable grooves and projecting beyond the arms at one side, and means for drawing the arms to and holding the same in clamping position.

- 1,643,303. MUSIC-SCALE-INDICATING DEVICE. CHARLOTTE M. JONES, Philadelphia, Pa. Filed Dec. 3, 1925. Serial No. 72,958. 5 Claims. (Cl. 84—474.)



2. In a music scale indicating device, the combination of means to selectively vary the sequence of the scale letters, means to alternately designate the key tones of related major and minor scales, means to numerically indicate the sharps or flats to be found in the common signatures of such related keys, means to modify certain of the scale letters in correspondence with designations of the natural, the harmonic, melodic ascending and melodic descending orders of the minor scales, and means to concurrently modify the numerical indications aforementioned in accordance with the number of additional sharps or flats occurring as accidentals to the key signature in the several diversified orders of the minor scales.

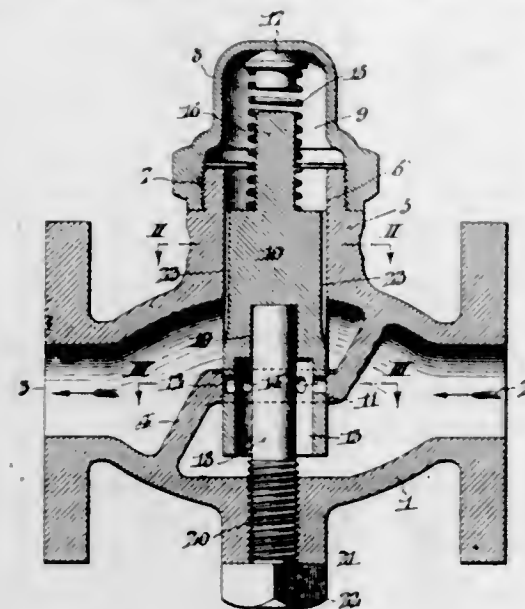
- 1,643,304. SILVER-SILICON ALLOY AND PROCESS OF MAKING THE SAME. MICHAEL G. KORSUNSKY, Jackson Heights, N. Y., now, by judicial change of name, MICHAEL GEORGE CONSON, assignor to Electro Metallurgical Company, a Corporation of West Virginia. Filed May 16, 1924. Serial No. 713,851. 7 Claims. (Cl. 75—1.)

1. As a new article of manufacture, an alloy containing silver in preponderating proportion, silicon in amount of from 1.5 to 6%, and 1 to 50% of a member of the group of metals characterized by the formation of a solid solution with silver.

- 1,643,305. VALVE. JAMES D. LALOR, Baltimore, Md., assignor to The Lalor Fuel Oil System Company, Inc., Baltimore, Md., a Corporation of Maryland. Filed Dec. 15, 1924. Serial No. 756,000. 4 Claims. (Cl. 251—144.)

1. A valve comprising a casing affording a flow channel; a partition extending across the channel with an intermediate straight portion having an orifice therethrough; a dome chamber open to the outlet side of the channel; and a hollow-ended piston—having lateral ports affording flow passages therethrough,—slidably guided in the dome chamber, with the hollow end thereof

extending through the orifice of the partition; said piston having longitudinal grooves affording communication at all times with the outflow side of the channel and responsive to suction in the dome chamber for maintenance



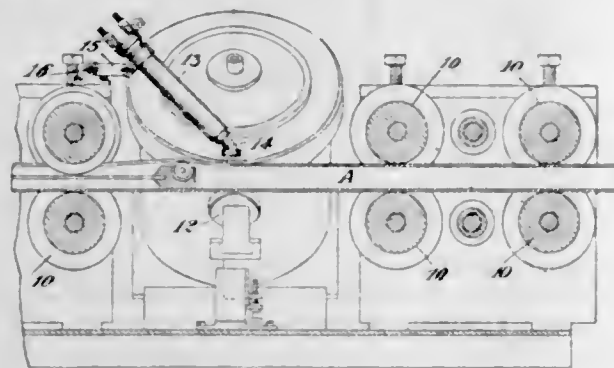
in open position with the ports therein uncovered to permit flow through the valve, and in the absence of suction, to automatically shift so that said ports are brought into lapping relation with the partition to intercept flow through the valve.

1,643,306. RAIL BOND. FREDERICK C. LAVARACK, Montclair, N. J., and WILLIAM M. PAGE, Pittsburgh, Pa. Filed Jan. 15, 1923. Serial No. 612,619. 2 Claims. (Cl. 173-281.)



2. In a rail bond, in combination: two plugs each formed with an orifice therein at right angles to the longitudinal axes thereof; a plurality of wires extending from one plug to the other plug and having their ends extending into and through the orifices in the plugs; wrapping wires, one positioned in each orifice and having its ends extending beyond the sides of the plug and wrapped tightly around the wires and tightly against the sides of the plugs; a relatively low melting point metal filling all of the interstices between the several wires and the plugs and means intermediate the plugs for keeping the first mentioned wires closely together.

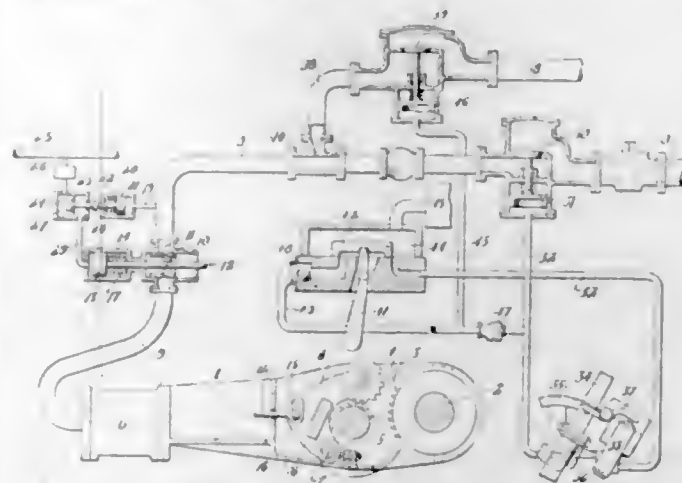
1,643,307. METHOD AND APPARATUS FOR WELDING. JOHN F. LAWSON, Brooklyn, N. Y. Filed May 16, 1924. Serial No. 713,630. 16 Claims. (Cl. 219-6.)



1. The method of welding metal articles together which consists in pressing together surfaces of said ar-

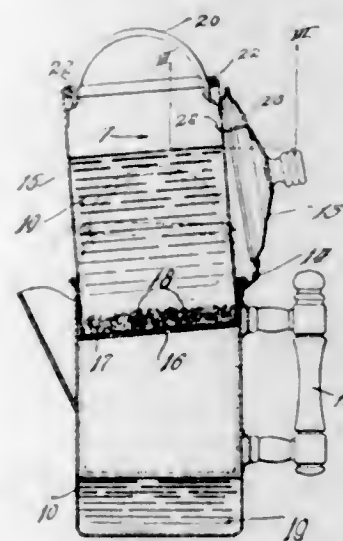
ticles, passing a heating electric current across the contact line, and applying a flame directly to the portion of the contact line across which the current is passing.

1,643,308. LOCOMOTIVE BOOSTER APPARATUS. FREDERICK W. MARTIN, Bronxville, N. Y., assignor to Franklin Railway Supply Company, a Corporation of Delaware. Filed June 18, 1925. Serial No. 37,891. 6 Claims. (Cl. 105-48.)



1. The combination of a normally disentrained locomotive booster motor, a conduit for supplying said motor with operating steam, an air pressure actuated entraining mechanism for the motor, and a valve normally closing the steam supply conduit which valve is adapted to be opened directly by the motion of the entraining mechanism when the booster is entrained.

1,643,309. COFFEE POT. ELMER P. MCCLURE, La Grange, Ill., assignor to Aluminum Products Company, La Grange, Ill., a Corporation of Illinois. Filed Sept. 15, 1926. Serial No. 135,501. 1 Claim. (Cl. 53-8.)

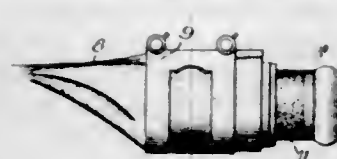


A coffee pot comprising an outer vessel having a hinged cover, and an inner vessel freely movable in said outer vessel and of substantially the same length, the inner vessel having a perforated strainer bottom; a tongue extending from the cover toward the inner vessel and a ledge near the top of the inner vessel engaged by said tongue to hold said inner vessel in elevated position.

1,643,310. SAXOPHONE MOUTHPIECE. DAVID A. McDONALD, Chicago, Ill. Filed Oct. 17, 1921. Serial No. 508,071. 2 Claims. (Cl. 84-386.)

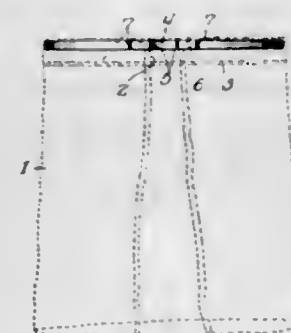
1. In a wind instrument, a tube, a reed mouthpiece, said mouthpiece comprising an outer member forming a resonating chamber of relatively large diameter, and a

telescopically mounted tubular member within said outer member, and in turn longitudinally adjustable on said tube to change the effective length thereof, the outer end of said inner tubular member forming a shoulder ex-



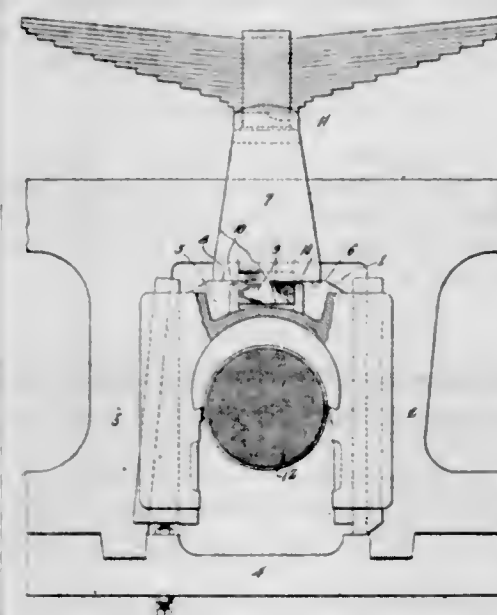
tending the full diameter of said chamber to define the limit and size, whereby the size of said resonating chamber may be independently adjusted relative to the adjusted position of said tube and said inner tubular member.

1,643,311. APRON. MICHAEL MERCOLA, Chicago, Ill., assignor, by mesne assignments, to Ready Apron Company, Chicago, Ill., a Corporation of Illinois. Filed Feb. 18, 1924. Serial No. 693,495. 2 Claims. (Cl. 2-52.)



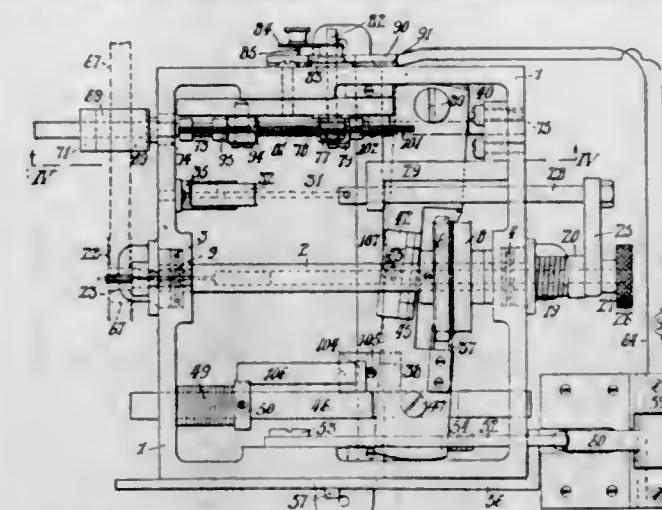
1. A spring-supported slip-on apron comprising an apron having a hem across the upper part thereof open at its ends, and a bowed spring extending through the hem beyond the ends thereof and said projecting ends of the spring bent against one side of the hem to provide an integral spring clamping member at each end thereof cooperating with the body of the spring to securely hold the apron against slipping on the supporting spring.

1,643,312. DRIVING BOX AND SPRING SADDLE. WILLIAM OTIS MOODY, La Grange, Ill. Filed Nov. 18, 1925. Serial No. 69,769. 4 Claims. (Cl. 105-79.)



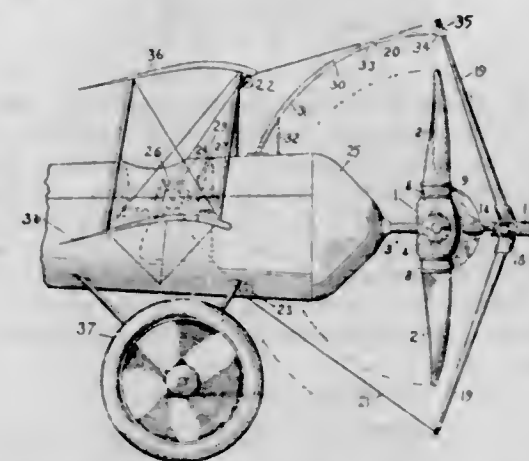
2. The combination of a locomotive driving box having a machined saddle bearing surface, a spring saddle having a machined surface cooperating with that on the box, and positioning means on box and saddle out of the plane of the machined surfaces

1,643,313. INK-RIBBON-WINDING MECHANISM. SAMUEL A. NEIDICH, Edgewater Park, N. J. Filed July 29, 1925. Serial No. 46,823. 6 Claims. (Cl. 192-139.)



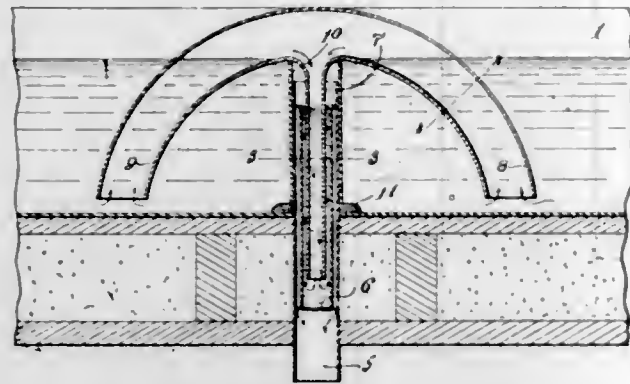
1. In ribbon winding mechanism, the combination with a base frame; of a rotary winding shaft journaled in said frame; clutch means on said shaft arranged to detachably engage the holder upon which a ribbon may be wound; means on said shaft whereby it may be rotated, including a tight pulley rigidly connected with said shaft; a loose pulley journaled on said shaft; a belt shifting lever fulcrumed in said frame, having a fork arranged to normally direct a belt in operative relation with said tight pulley; a brake bracket pivotally connected with said shifting lever, and faced with a shoe, arranged to frictionally engage the surface of said tight pulley when said shifting lever is pressed toward the latter; a spring bolt mounted to reciprocate in said frame transversely to said shifting lever and pivotally connected therewith; a spring encircling said spring bolt continually tending to press said shifting lever toward said tight pulley, to shift said belt to said loose pulley, and apply said brake; means arranged to detain said shifting lever against the action of said spring, including a detent latch lever, fulcrumed in said frame; and means arranged to trip and release said latch lever, to permit said shifting lever to be operated to both shift said belt and positively apply the brake, by said shifting lever, including a tripping lever fulcrumed exterior to said frame, and having one end extending beneath the projecting end of said latch lever.

1,643,314. COMBINED PROPELLING AND STEERING APPARATUS. JULIUS J. NOVAK, New York, N. Y., assignor to John Novak, New York, N. Y. Filed Jan. 20, 1926. Serial No. 82,538. 14 Claims. (Cl. 244-25.)



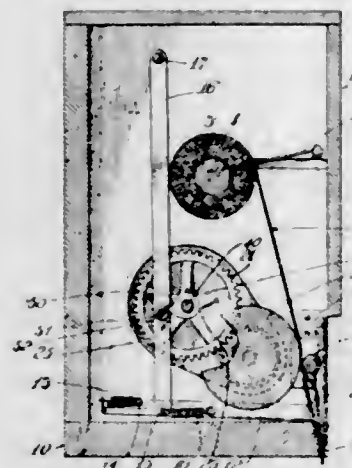
4. In combined propelling and steering apparatus, in combination, a propeller shaft, a pilot shaft, a universal joint between said shafts, said universal joint including a propeller hub as one of its elements, and means for shifting the pilot shaft in a plurality of different planes and thereby shifting the plane of rotation of the propeller accordingly.

1,643,315. TRAP. HARRY PARRIS, Baltimore, Md. Filed Jan. 12, 1927. Serial No. 160,574. 7 Claims. (Cl. 182-8.)



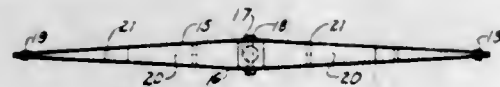
1. In a trap for a refrigerator or the like, a liquid receptacle, a pipe extending upwardly through the bottom of said receptacle, a cup in said pipe, a space between the walls of said cup and pipe for the passage of liquid therethrough, a pipe extending from near the bottom of said receptacle upwardly to near the desired surface of liquid in said receptacle and then down into said cup, said last named pipe and cup having a space between their respective walls for the passage of liquid therethrough, and means to support said last named pipe and to seal the space between it and said first named pipe whereby the level of liquid in said receptacle is maintained substantially at the point of overflow of said second named pipe.

1,643,316. AUTOMATIC VENDING MACHINE. JOSEPH PAUPA, Chicago, Ill.; Union Trust Company, executor of said Joseph Paupa, deceased, assignor to Joseph Paupa and Anna K. Volsch, Chicago, Ill. Filed Dec. 4, 1922. Serial No. 604,779. 7 Claims. (Cl. 211-33.)



1. In a device of the character described, the combination of an actuating mechanism, a container, means controlled by said mechanism for discharging material stored in said container, a gate, and means for normally urging said gate to open position, a locking element for rendering said opening means inoperative and another means under control of the actuating mechanism for successively releasing the locking means of the gate to render the opening means operative and for reapplying the locking means.

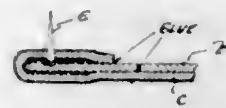
1,643,317. CENTRIFUGAL FAN. WALTER B. PEDELTY, Mason City, Iowa. Filed Oct. 20, 1926. Serial No. 142,842. 8 Claims. (Cl. 230-11.)



1. In a centrifugal fan for delivering straw and other solid materials in an air blast, the combination with a

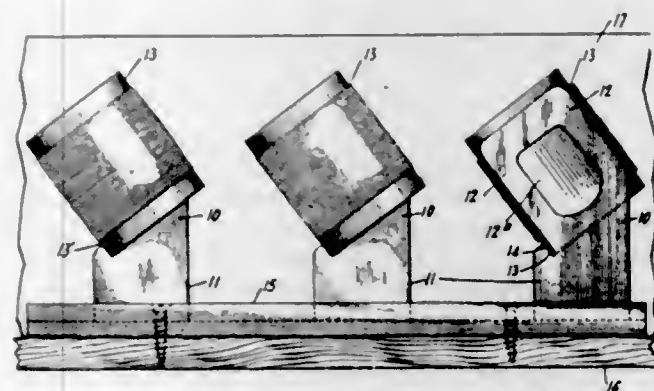
shaft, of a pair of opposed wedge shaped wings, each having substantially true plane surfaces which converge from the vicinity of the shaft to the outer margin of the wing.

1,643,318. TRIMMING. ALBERT ANTHONY RUPPERT, Detroit, Mich., assignor to General Motors Corporation, Detroit, Mich., a Corporation of Delaware. Filed Sept. 11, 1926. Serial No. 134,765. 4 Claims. (Cl. 45-138.)



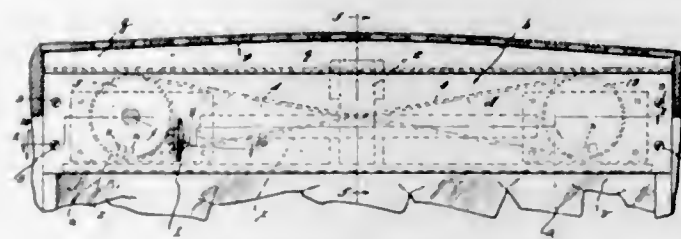
1. A nailing strip for trimming material, comprising a continuous channel strip with a channel opening arranged to fit over the reinforcing board for the trimming and receive the folded trimming on the outside of the channel, said channel having affixed to one side thereof a plurality of nailing members so that when the channel, the reinforcing board strip and the trimming are fitted together the same may be nailed to the support with the nailing devices completely concealed.

1,643,319. DEVICE FOR SUPPORTING RADIO PARTS. MEYER SELIGMAN, New York, N. Y. Filed Apr. 30, 1924. Serial No. 710,204. 4 Claims. (Cl. 171-119.)



1. A supporting device of the character described formed of sheet material comprising a vertically extending base portion and a coil mounting portion extending from the upper end of said base portion, the longitudinal axis of the coil mounting portion extending at less than 90° to the vertical axis of the base portion said base and coil mounting portion lying in the same plane.

1,643,320. WINDOW REGULATOR. EMORY GLENN SIMPSON, Detroit, Mich., assignor to Fisher Body Corporation, Detroit, Mich., a Corporation of New York. Filed Mar. 29, 1924. Serial No. 702,753. 9 Claims. (Cl. 268-122.)

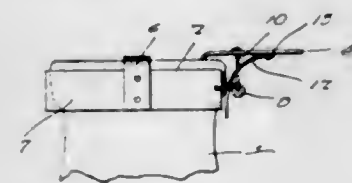


1. In a windshield regulator, the combination of a pair of plates and a spacer bar connecting the plates, lifting members, one supported on each plate and each arranged for connection at the top and to one side of center of the shield, driving connections between the two lifting members, and means for driving the same.

1,643,321. RAIL STEEL. JOSEPH KENT SMITH, Detroit, Mich., assignor to C. Harold Wills, Marysville, Mich. Filed June 22, 1926. Serial No. 117,829. 2 Claims. (Cl. 75-1.)

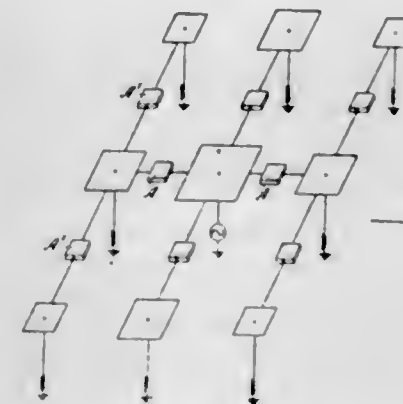
1. A rail composed of non-heat-treated steel of substantially the following composition: carbon from about .35% to .75%; manganese from about .5% to about 1.1%; copper from about .25% to about 1.25%; molybdenum from about .07% to about 1%; and silicon, sulphur and phosphorus in about usual percentages.

1,643,322. MILK-BOTTLE CLOSURE. WILLIAM ADAM SOUDER, Shamokin, Pa. Filed Nov. 3, 1926. Serial No. 146,001. 3 Claims. (Cl. 215-63.)



1. In a structure of the class described, a disk-like cap, an operating member carried thereby, a flat supporting ring for the cap, a split band adapted to surround the neck of a bottle, connecting means between the ring and band, a coiled spring connecting the ends of the band together, a U-shaped member connected with said spring and having its blight portion connected with said operating member, and a flat longitudinal spring connected with the operating member at one end and adapted to bear at its opposite end against the neck of said bottle.

1,643,323. DIRECTIVE ANTENNA ARRAY. JOHN STONE STONE, San Diego, Calif., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Jan. 4, 1921. Serial No. 434,947. 4 Claims. (Cl. 250-11.)

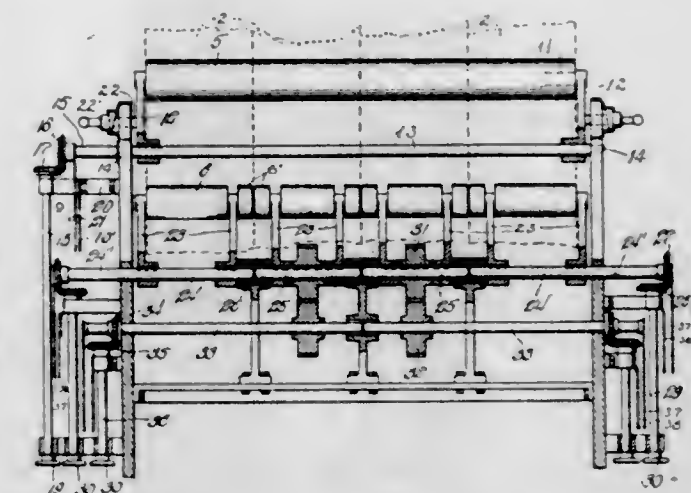


1. A plurality of antennae distributed in rectangular array in two dimensions with more than two antennae along each dimension, a common station conductively connected with said antennae, and means interposed in the connections to get the currents in progressive orderly phase relation along one direction and in progressive orderly phase relation along the other direction.

1,643,324. COLOR-PRINTING COMPENSATOR. EDWARD A. WALLER, Chicago, Ill. Filed Nov. 22, 1924. Serial No. 731,594. 4 Claims. (Cl. 101-152.)

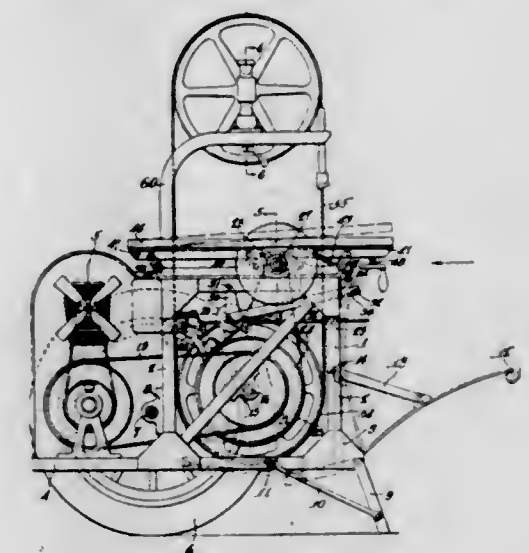
1. In a multiple web printing press, a set of compensating rolls, one for each web, disposed substantially end to end whereby the webs may be run approximately edge to edge, said press including a plurality of axially aligned

rocker shafts for said rolls respectively and each roll being in combination with a pair of coaxially supported arms spaced apart less than the length of the correspond-



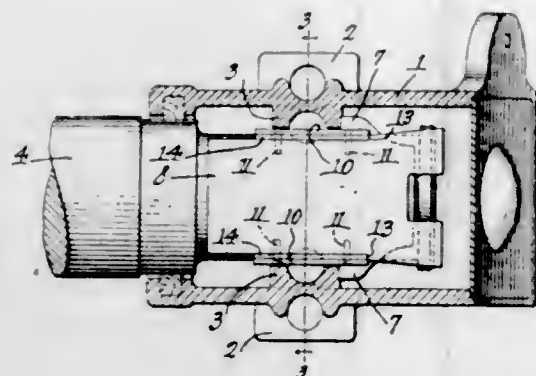
ing roll and the roll being of axially sectional structure to accommodate such restricted spacing of the arms therefor.

1,643,325. PORTABLE WOODWORKING MACHINE. JOHN L. WEAVER, Philadelphia, Pa. Filed Aug. 25, 1925. Serial No. 52,279. 2 Claims. (Cl. 144-1.)



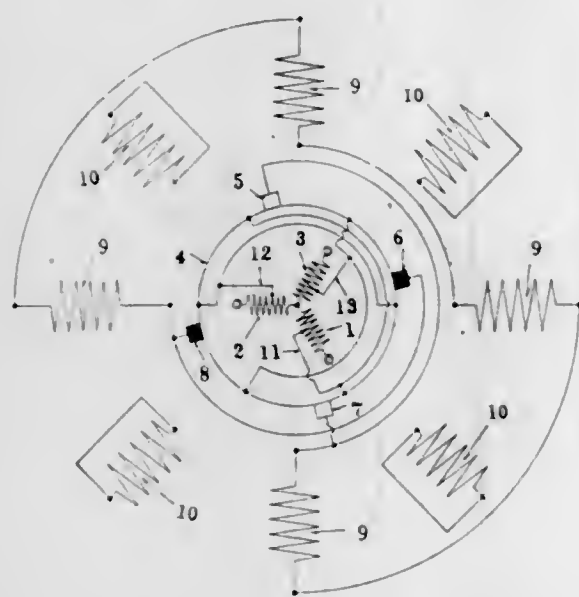
1. In a portable wood working machine, a frame, a band saw table pivotally mounted on the frame, a band saw pulley rotatable above the table, a drive shaft rotatable in the frame, a second band saw pulley fixed on the drive shaft, a band saw on the pulleys, means for maintaining tension on the band saw, a jointer table pivotally mounted on the frame, a tool shaft rotatable in the frame, a jointer head fixed on the tool shaft and extending through the jointer table, a circular saw table mounted on the jointer table and pivotally connected thereto, the top of the band saw table being flush with and adjoining the top of the circular saw table, a circular saw detachably mounted on the tool shaft and extending through the circular saw table, a fixed driven pulley on the tool shaft, a loose drive pulley on the drive shaft, a belt connecting the drive and driven pulleys, means to put tension on the belt, a loose driven pulley rotatable on the drive shaft and fixed to the loose drive pulley, a driven pulley fixed on the drive shaft, a power unit on the frame, a drive belt connecting the power unit and the driven pulleys on the drive shaft, means to shift the drive belt from one pulley to the other, means to adjust the heights of the tables, and means for moving the machine from place to place.

1,643,326. ADJUSTABLE JOURNAL WEDGE. GEORGE L. WEBB, Spencer, N. C. Filed May 14, 1926. Serial No. 109,134. 6 Claims. (Cl. 30S-54.)



1. The combination with a journal box of a railway car having opposed bearing lugs therein, of a brass centering member interposed between the lugs and means carried by the respective side portions of said member for holding the member at predetermined distances from the respective lugs.

1,643,327. ALTERNATING-CURRENT MOTOR. HANS WEICHSEL, St. Louis, Mo., assignor to Wagner Electric Corporation, St. Louis, Mo., a Corporation of Delaware. Filed Nov. 2, 1925. Serial No. 66,154. 2 Claims. (Cl. 172-280.)

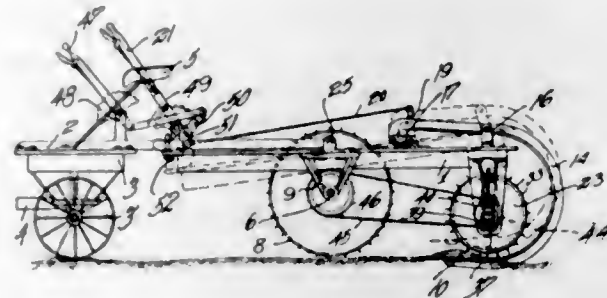


2. A multipolar alternating current dynamo electric machine having one of its members provided with an inducing winding and with a commuted winding, and means for deriving an alternating current E. M. F. from the inducing winding and conductively impressing said E. M. F. on the commuted winding at points at which the E. M. F. induced in the commuted winding is co-phased and opposed to said conductively impressed E. M. F. said means for deriving the E. M. F. conductively impressed on the commuted winding comprising windings for each pole, all of which are connected in series.

1,643,328. CULTIVATOR. JULIUS YACKLEY, Spokane, Wash. Filed Jan. 11, 1927. Serial No. 160,382. 2 Claims. (Cl. 97-40.)

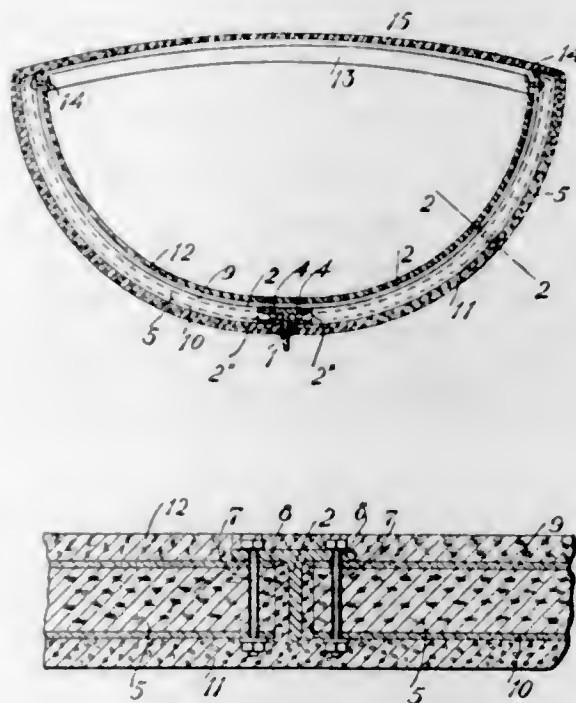
1. In a wheeled implement, the combination with a front frame and a tiltable main frame having shaft hangers, and a pair of axially aligned rotary drums journaled

in said hangers transversely of the implement, goose neck hangers having fulcrums on the main frame and weeding cutters secured to said hangers and located below the



drums, means for adjusting the hangers and cutters with relation to the drums and means for tilting the main frame on its fulcrum.

1,643,329. BOAT CONSTRUCTION. DONAT R. BARTHAULT, Springfield, Mass. Filed June 24, 1926. Serial No. 118,208. 4 Claims. (Cl. 9-6.)

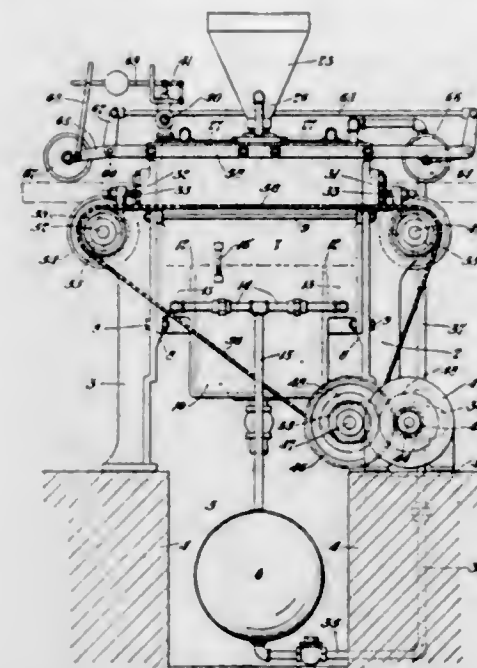


1. A boat construction comprising transversely located T-shaped rib members, strips of cork board, located between the rib members, the outer surface of which strips are covered with a coating of waterproofing material, a layer of cement plaster material on the waterproofing material, and means for securing the corkboard to the T-shaped rib member of the boat.

1,643,330. METHOD OF AND APPARATUS FOR COATING. PAUL J. BARORD, Dormont Borough, Pa. Filed Aug. 27, 1926. Serial No. 131,892. 20 Claims. (Cl. 91-44.)

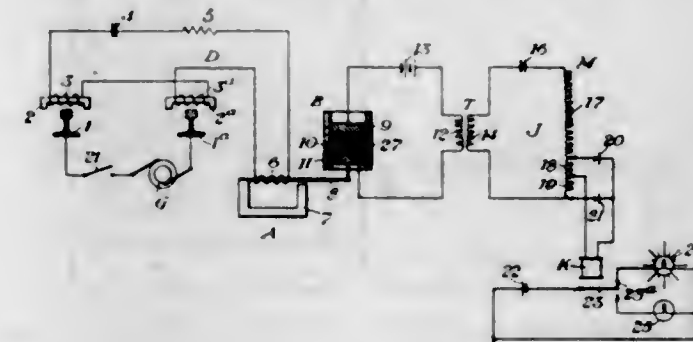
1. An apparatus for coating the surface of an object with paint or other fluid coating material, comprising in combination, a coating chamber, a coating nozzle at one end of said chamber, a wiping nozzle at the other end of said chamber, a storage vessel for the coating material, a conduit connecting said storage vessel and said coating nozzle, means for conveying the article to be coated through said chamber and past said nozzles, means for feeding the coating material from said vessel through said

nozzle so as to flow an excess of coating material onto said surface to be coated, means for supplying air under pressure to said wiping nozzle, and said wiping nozzle



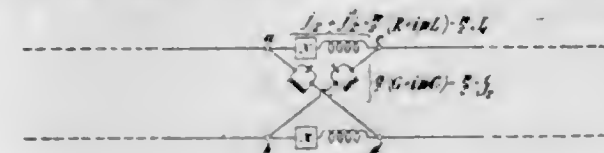
being provided with an outlet passage adapted to deliver a thin stream of air onto the coated surface to wipe all excess coating material therefrom.

1,643,331. RAILWAY-TRAFFIC-CONTROLLING APPARATUS. PAUL N. BOSSART, Swissvale, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a Corporation of Pennsylvania. Filed June 30, 1926. Serial No. 119,617. 10 Claims. (Cl. 246-63.)



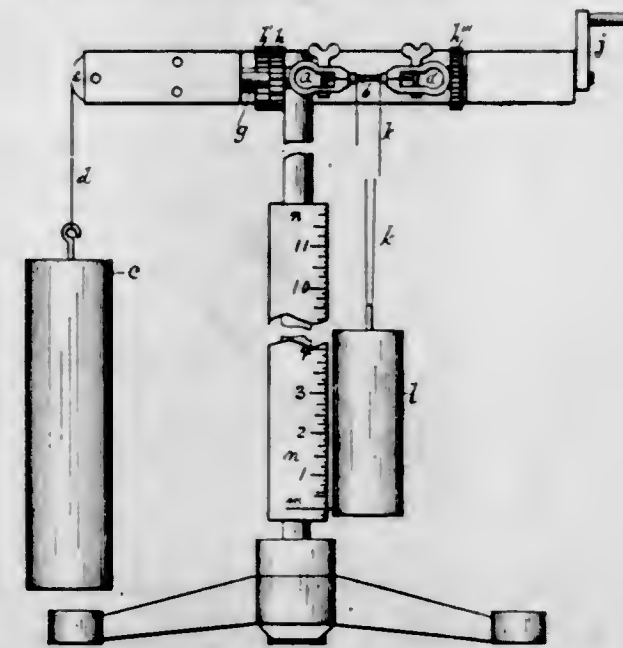
1. Railway traffic controlling apparatus comprising a transformer, means on the train controlled from the trackway for supplying energy to the primary of said transformer, a reactance and a condenser connected in series with the secondary of the transformer, and governing means controlled by the voltage across a portion of said reactance.

1,643,332. ELECTRICAL NETWORK. GEORGE A. CAMPBELL, Montclair, N. J., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Mar. 25, 1921. Serial No. 455,070. 9 Claims. (Cl. 178-44.)



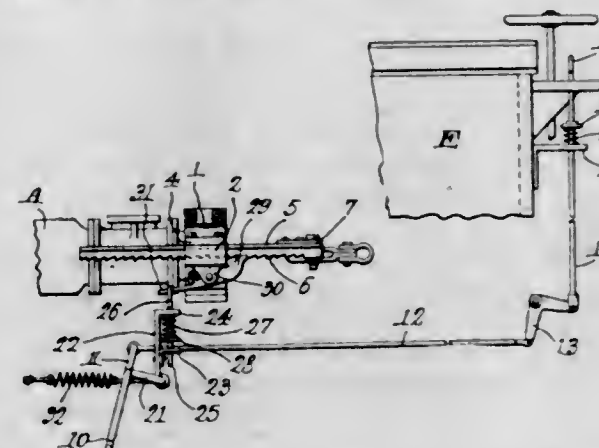
1. In combination, a transmission line comprising like outgoing and return conductors and a network interposed therein symmetrically to said conductors and having substantially the same impedance at every frequency as the characteristic impedance of said line.

1,643,333. METHOD OF MEASURING THE STRENGTH OF FIBERS. ELBERT E. CHANDLER, Los Angeles, Calif. Filed May 7, 1925. Serial No. 28,697. 1 Claim. (Cl. 73-51.)



A method of measuring the strength of fibers, consisting in laying them parallel with each other, wrapping them with a thread to obtain the superficial area of the bundle and to prepare it for an even break and breaking the bundle to obtain its strength.

1,643,334. BRAKE LOCK. FRED LEE COLLINS, Pueblo, Colo. Filed Mar. 15, 1927. Serial No. 175,574. 2 Claims. (Cl. 188-265.)



2. The combination with brake mechanism including a lever and means for actuating the lever, of a bar movable with the lever and having ratchet teeth, a pawl, a guide for the bar, a rotatable shaft, means under the control of an operator for rotating the shaft, yielding means for holding the shaft in each of two extreme positions to which it may be rotated in either direction, a crank on the shaft, a bracket mounted thereon and adapted to be raised and lowered thereby during the back and forth rotation of the shaft, and yielding means carried by the bracket for shifting the pawl into and out of engagement with the ratchet teeth.

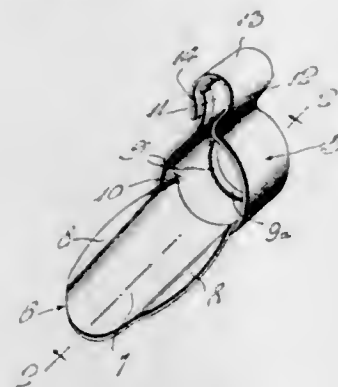
1,643,335. HATBAND. NORMAN L. DOOTSON, San Francisco, Calif. Filed Oct. 27, 1926. Serial No. 144,478. 3 Claims. (Cl. 2-179.)



1. In combination, a hat, a reversible band surrounding the crown of the same, the ends being separable and provided with cooperating fastening elements, and a pivot

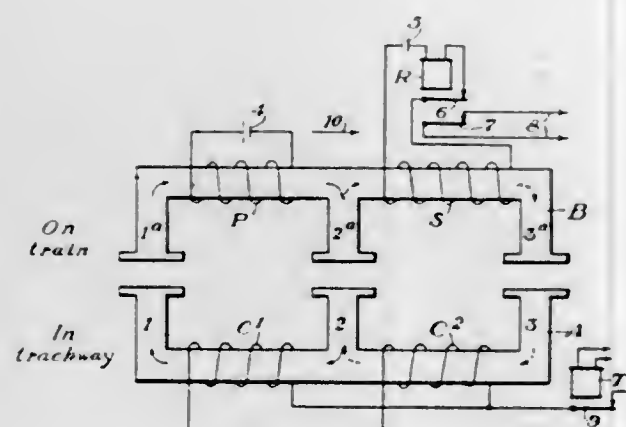
pin carried by and arranged in spaced relation to said crown and with which one end of the band is hingedly connected, whereby the band may be reversed on the pin.

1,643,336. SCRAPER. SYLVESTER P. FROST, Dallas, Tex. Filed Oct. 28, 1926. Serial No. 144,750. 4 Claims. (Cl. 15-236.)



1. A device of the class described comprising a ring having its front edge portion rearwardly folded upon itself, and a blade having its rear end integral with the free edge of said folded edge portion and extending across the latter.

1,643,337. RAILWAY-TRAIN-CONTROL APPARATUS. PAUL H. GEIGER, Wilkesburg, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a Corporation of Pennsylvania. Filed Oct. 13, 1926. Serial No. 141,334. 5 Claims. (Cl. 246-65.)

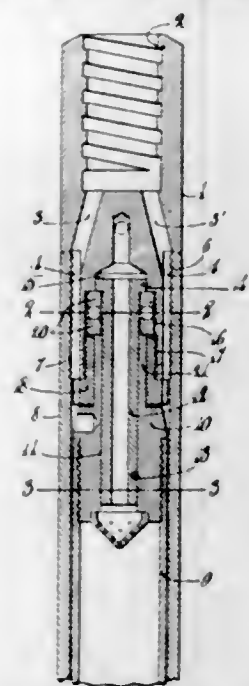


1. Railway train control apparatus comprising a trackway inductor having three upwardly projecting legs, two windings on said inductor located respectively between the first and second legs and the second and third legs, said windings being connected together, means for at times placing both of said windings on short circuit, a train carried receiver having three downwardly projecting legs arranged to register with the three legs on said inductor, a primary winding on said receiver between the first and second legs and included in a closed circuit with a source of current, and a secondary winding on said receiver located between the second and third legs and included in circuit with a source of current and a relay and a front contact of said relay.

1,643,338. CORE DRILL. HALBERT B. HALVORSEN, Chicago, Ill., assignor to Sullivan Machinery Company, a Corporation of Massachusetts. Filed Mar. 26, 1921. Serial No. 456,012. 15 Claims. (Cl. 253-72.)

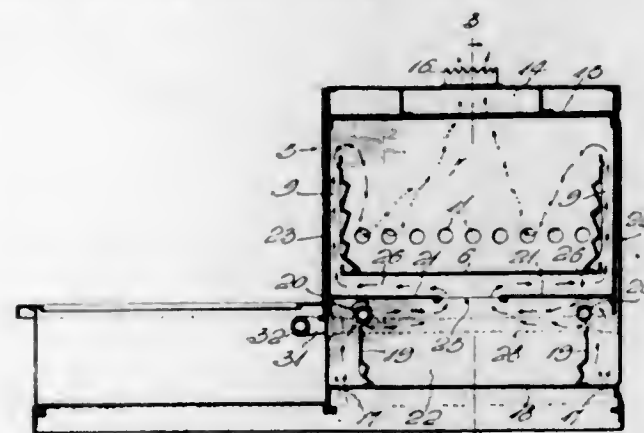
1. In a core drill, the combination with an outer core barrel having a drill rod connection, of a rotatable inner core barrel positively supported in said outer core barrel and precluded against any substantial longitudinal move-

ment relative thereto, a single ball thrust bearing, a mounting for the latter in rigid relation to the drill rod



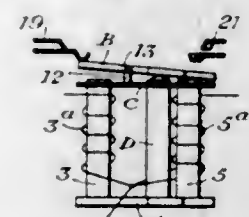
connection, and means associated with the inner core barrel for transmitting longitudinal thrust in either direction therefrom to said ball thrust bearing.

1,643,339. GAS-RANGE OVEN. GEORGE ALBERT HOFFMAN, Mansfield, Ohio, assignor to The New Method Stove Company, Mansfield, Ohio. Filed Apr. 26, 1926. Serial No. 104,770. 2 Claims. (Cl. 126-39.)



1. A gas oven horizontally partitioned into an upper baking compartment and a lower broiling compartment, a vertical partition across the rear portion of the broiling compartment providing a small auxiliary compartment, a gas and air manifold disposed in said auxiliary compartment, burners projecting forwardly from said manifold through openings in said vertical partition, and baffles spaced inwardly from said burners for guiding air thereto from air inlets in the bottom of the broiling compartment, the rear ends of said baffles being secured to said vertical partition.

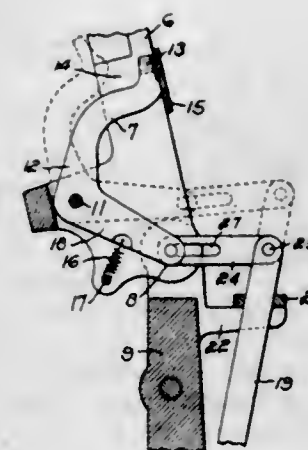
1,643,340. ELECTRICAL RELAY. HAROLD O. HOLTE, Wilkesburg, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a Corporation of Pennsylvania. Filed Apr. 18, 1925. Serial No. 24,245. 11 Claims. (Cl. 200-98.)



1. A relay comprising a plate pivotally supported at a point, operating means for moving said plate into a

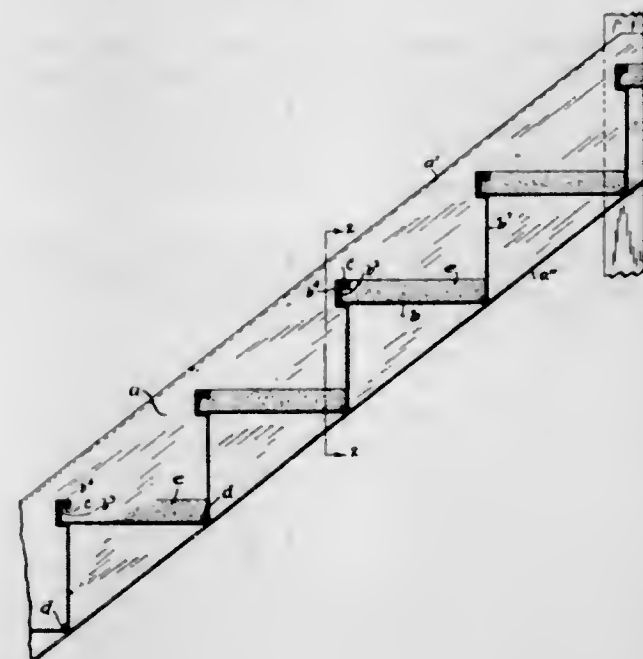
plurality of planes intersecting in different lines through said point, and a plurality of contacts one corresponding to each said plane and operated when said plate occupies such plane.

1,643,341. YARN-FEEDING MECHANISM FOR KNITTING MACHINES. ALDEI LANDRY, Central Falls, R. I., assignor to Hemphill Company, Central Falls, R. I., a Corporation of Massachusetts. Filed Aug. 5, 1919. Serial No. 315,531. 12 Claims. (Cl. 66-138.)



9. In a knitting machine, the combination of a pivoted latch ring, a yarn guide pivoted in said latch ring, pattern means, a thrust-bar operated by said pattern means, and means connected with said thrust-bar and having pivotal connection with said yarn guide at a point normally substantially coincident with the pivotal axis of said latch ring, whereby said yarn guide may be moved bodily with said latch ring without effecting a relative pivotal movement of said yarn guide.

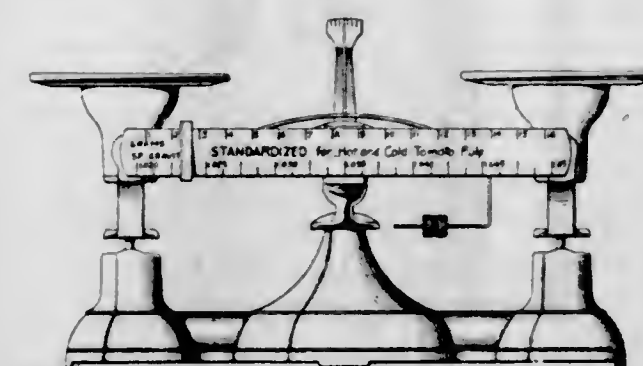
1,643,342. METALLIC STAIR. JOSEPH LEHMAN, Cleveland, Ohio, assignor to The Consolidated Iron-Steel Manufacturing Company, Cleveland, Ohio, a Corporation of Ohio. Filed Mar. 8, 1926. Serial No. 93,297. 2 Claims. (Cl. 189-43.)



1. A combined tread and riser member for metallic stairs comprising an integral tread surface bent at right angles with the riser section, both of said sections being

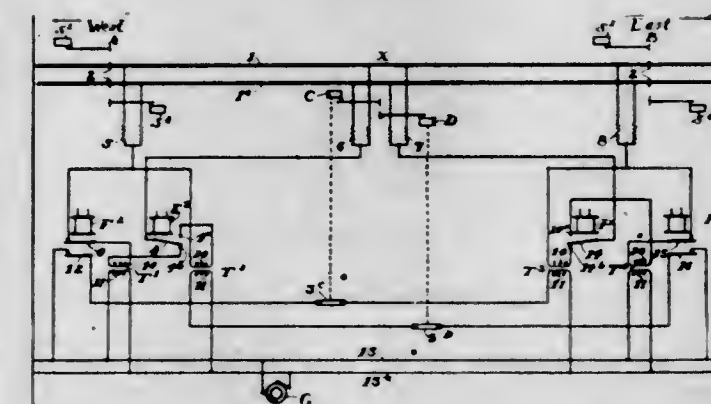
unpunched for riveted connection, but with an acute angular interlocking portion bent from the front edge of the tread, and a channeled re-entering portion bent from the upper edge of the riser for accommodating the interlocking portion of the next adjacent member in clamping relation, substantially as set forth.

1,643,343. SPECIFIC-GRAVITY BALANCE. THOMAS FRANKLIN MANNS, Newark, Del. Filed Oct. 2, 1925. Serial No. 60,110. 1 Claim. (Cl. 265-54.)



A beam, for reading the specific gravities of boiling or cold solutions, having graduations on its upper side representing grams and graduations on its lower side representing specific gravity, adapted for reading tomato pulp, catsup or any solution sampled while boiling or cold in a suitable flask (a 500 ml.) and counterbalanced by proper weights.

1,643,344. RAILWAY-TRAFFIC-CONTROLLING APPARATUS. RONALD A. MCCANN, Swissvale, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a Corporation of Pennsylvania. Filed July 29, 1926. Serial No. 125,762. 6 Claims. (Cl. 246-34.)

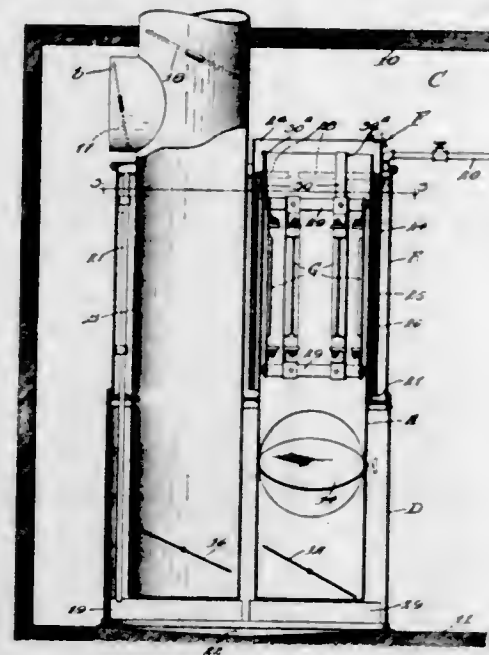


6. In combination, a section of railway track, a train order signal located at an intermediate point in said section, means controlled by traffic conditions in advance of said section for supplying train governing current to the rails from said signal to the exit end of the section, and means controlled jointly by said signal and by traffic conditions in advance of the section for supplying train governing current to the rails from the entrance end of the section to said signal.

1,643,345. VENTILATING, HEATING, AND HUMIDIFYING APPARATUS. CHARLES A. MOORE, St. Paul, Minn. Filed Aug. 15, 1924. Serial No. 732,346. 8 Claims. (Cl. 126-113.)

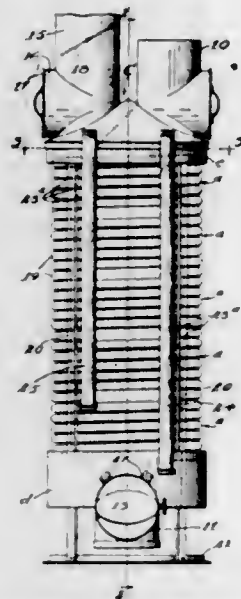
4. The combination with a chamber, of air circulating ducts therein, a tank through which said ducts pass, a

member adjacent one of said ducts and forming therewith a restricted space outside said duct through which



fluid contained in said tank may circulate, and means arranged to affect the temperature of the air in said duct and also of the fluid about the same.

1,643,346. TEMPERATURE-CHANGING AND AIR-CIRCULATING APPLIANCE. CHARLES A. MOORE, St. Paul, Minn. Filed Aug. 15, 1924. Serial No. 732,347. 3 Claims. (Cl. 257-9.)

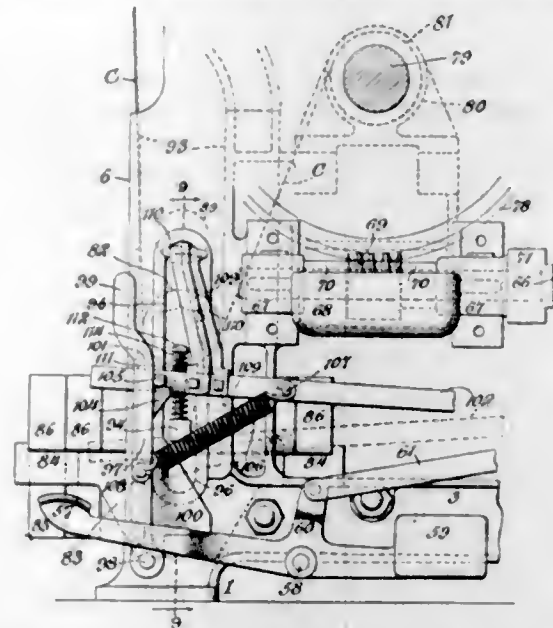


1. In an appliance of the class described, a duct for directing air from one level to another consisting of a plurality of superimposed sections, each section comprising a length of pipe coiled turn upon turn, spaced standards supporting said duct sections, tying the turns thereof together and uniting said sections in a unitary structure, an inlet manifold for a temperature affecting medium, said manifold being connected with one end of each coiled pipe and supported therethrough by said standards, and an outlet manifold connected with each of the other ends of said coiled pipes and also supported therethrough by said standards.

1,643,347. WIRE LOOM. ERVIN S. MUMMERT, Hanover, Pa., assignor to Mummert-Dixon Company, Hanover, Pa., a Corporation of Pennsylvania. Filed Aug. 17, 1923. Serial No. 657,926. 15 Claims. (Cl. 139-311.)

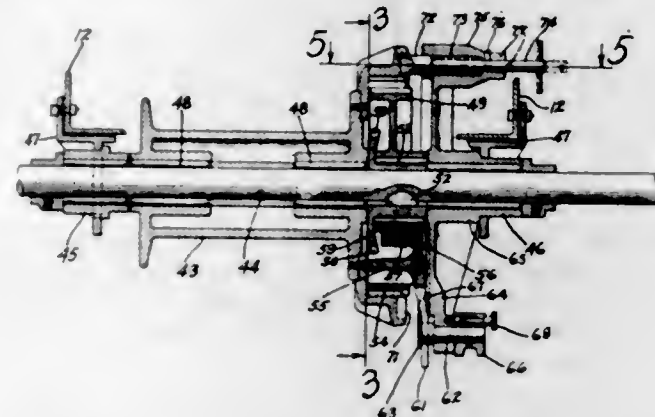
1. A loom having an intermittently actuated take-up drum for retrieving the fabric after a given length has been woven, a tensioning device therefor comprising a roll arranged to move upwardly and downwardly be-

tween the frames of the loom and resting in the looped length of fabric below and at one side of the take-up drum, means for guiding and steadying the said roll



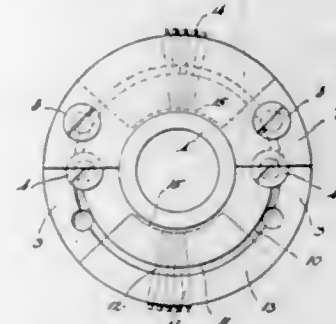
including trunnions and guiding rollers associated therewith, and means for weighting the same to increase or decrease the tension.

1,643,348. CRANE. LEONARD D. NILSON, Wayzata, Minn., assignor to Marquette Manufacturing Company, St. Paul, Minn., a Corporation of Minnesota. Filed Nov. 2, 1925. Serial No. 66,308. 12 Claims. (Cl. 74-35.)



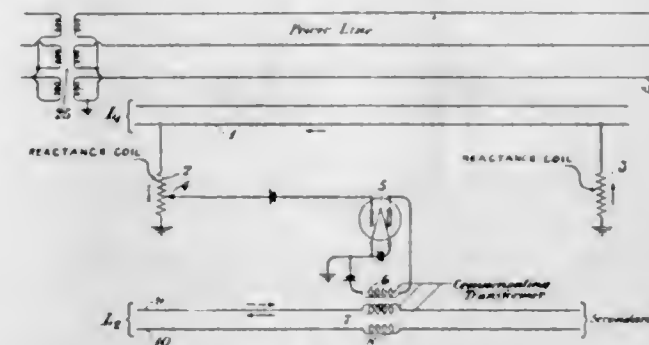
1. A winding apparatus comprising a drum, an internal gear thereon, a drive shaft, an external gear arranged to mesh with the teeth of said internal gear, means for operating said external gear from said shaft, and means internally arranged with respect to said external gear for locking it to said driving means.

1,643,349. CIGARETTE-PRINTING DEVICE. JOHN W. SANDERS, Detroit, Mich. Filed June 9, 1926. Serial No. 114,691. 2 Claims. (Cl. 101-377.)



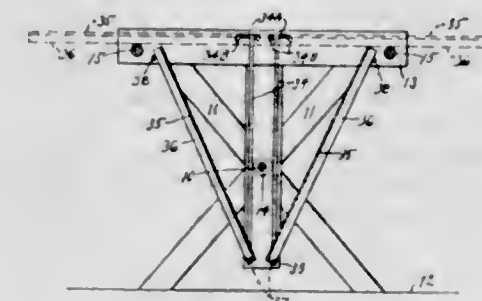
1. A printing device comprising a hub portion having spaced wings, separable heads mounted on said hub portion adjacent said wings, and type held by said heads between said wings.

1,643,350. NEUTRALIZATION OF INDUCTIVE INTERFERENCE. ROY A. SHETZLINE, New York, N. Y., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed July 1, 1924. Serial No. 723,583. 4 Claims. (Cl. 179-78.)



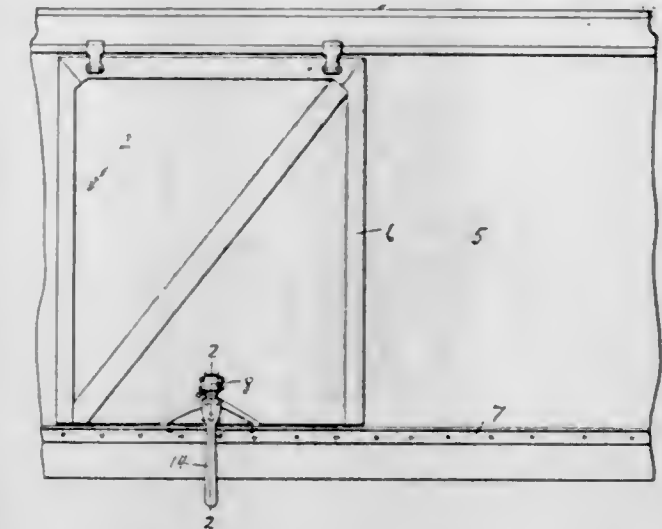
1. In an interference neutralizing system, the combination with a source of interfering potential of a plurality of circuits having potentials created therein by the said source, an impedance connected between one conductor one of said disturbed circuits and ground at a plurality of points in the section exposed to the said source of interfering potential, an amplifier having its input side variably connected with one of said impedances, a compensating transformer having its primary winding connected with the output side of the said amplifier and having its secondary windings connected with the conductors of the other of said disturbed circuits.

1,643,351. QUILTING FRAME. ERNEST R. SIMONS, St. Paul, Minn. Filed Sept. 1, 1926. Serial No. 132,967. 1 Claim. (Cl. 45-24.)



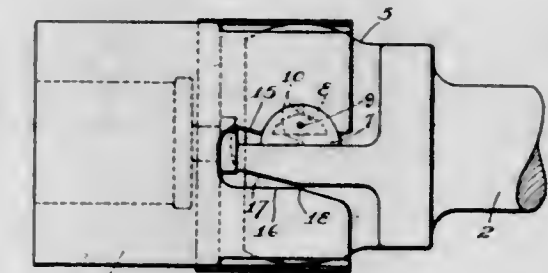
A quilting frame comprising two vertically disposed end stands and a horizontal frame bar connecting said end stands, rollers rotatably mounted between said end stands in a common horizontal plane above said frame bars, means for detachably securing a quilt to the said rollers and for holding a portion of it taut between said rollers, a collapsible table member between said end frames and comprising two corresponding sections adapted to be laid in a common horizontal plane upon said rollers and means for retaining the adjacent edges of said sections in said horizontal plane, said latter means comprising a fixed pin projecting endwise from each of the inner corner parts of said tables; a vertical guide board extending vertically and downwardly from the upper central part of each end frame or stand and said board and end stand being provided with parallel vertical grooves each of which is slidably engaged by one of said pins, and said grooves communicating each with a horizontal groove at the upper end of the vertical groove and said horizontal groove having downwardly directed pockets for the purpose described.

1,643,352. CAR-DOOR OPERATING AND LOCKING DEVICE. ROY S. SMITH, Cairo, Ill. Filed Feb. 4, 1927. Serial No. 165,912. 5 Claims. (Cl. 268-44.)



1. In a sliding car door operator, a rail secured to the car beneath the door and formed throughout its length with abutments, a lever pivoted to the door adjacent the lower edge thereof, a finger pivoted at its inner end to the upper pivoted end of the lever, a pawl formed on the outer free end of the lever for engagement with the abutments on the rail, whereby the door may be moved to open or closed position by a swinging movement of the lever, and a sliding bolt carried by the door for cooperation with the pivoted end of the finger for locking the same against swinging movement.

1,643,353. UNIVERSAL COUPLING. RALPH C. STIEFEL, Ellwood City, Pa. Filed May 14, 1927. Serial No. 191,347. 1 Claim. (Cl. 64-91.)

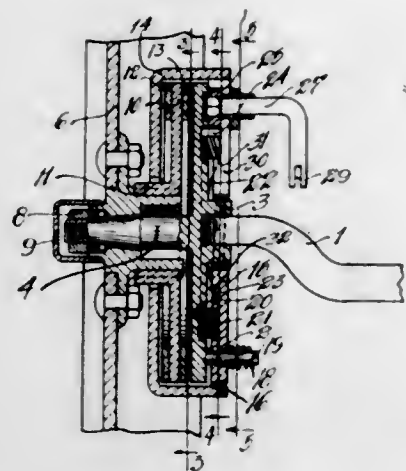


A heavy duty universal shaft coupling for a metal working mill, comprising a rotary member provided integrally with four jaws extending longitudinally at its end and substantially radially from its axis at which the jaws are integrally united to each other and to said member, said jaws having plane surfaced driving faces lying in planes passing at right angles to each other through the axis of said member, a second rotary member integrally provided at its end with four longitudinally disposed tongues meshing with said jaws and each provided with a bearing-receiving pocket, and substantially semi-cylindrical bearing-blocks arranged in said pockets with their curved faces bearing on the tongues and their plane face bearing upon said plane faces of said jaws.

1,643,354. FRICTION BRAKE. ROY W. THOMSON, Wallace, Idaho, assignor of one-half to Ralph Berg, Spokane, Wash. Filed May 22, 1926. Serial No. 110,973. 3 Claims. (Cl. 188-72.)

1. In a wheel brake, the combination with a non-rotatable disk having an annular groove, a cam ring

therein, and a rotatable disk having friction-rings at its opposite sides, of a movable housing for said disks, cam devices carried by the housing for coaction with the

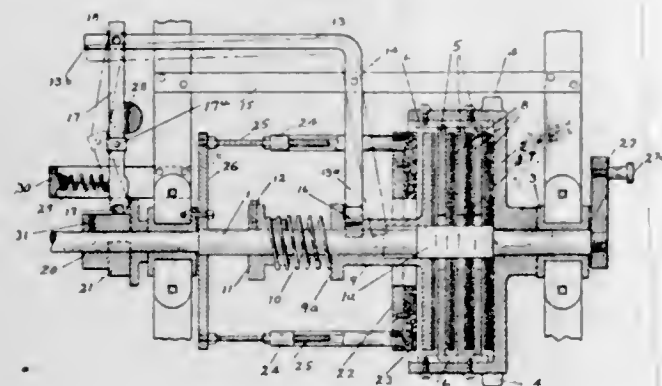


cam ring, and means for partially rotating the cam ring for frictional engagement between said friction rings, the housing and said non-rotatable disk.

1,643,355. PROCESS FOR THE MANUFACTURE OF HIGH ALPHA-CELLULOSE FIBER. GEORGE A. RICHTER and MILTON O. SCHUR, Berlin, N. H., assignors to Brown Company, Berlin, N. H., a Corporation of Maine. Filed Apr. 9, 1925, Serial No. 21,963. Renewed Nov. 3, 1926. 9 Claims. (Cl. 92-13.)

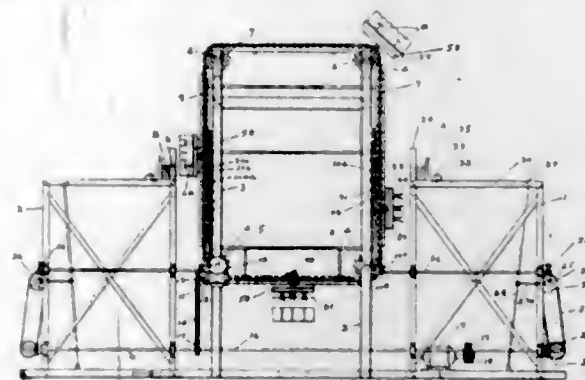
4. The process of producing a high alpha-cellulose fiber, which comprises treating unbleached sulphite pulp with a solution of chlorine, insufficient in quantity to cause complete bleaching, boiling with a suspension of lime, adding a solution of sodium hydroxide and continuing the boiling.

1,643,356. CLUTCH MECHANISM. VERNER M. WADE and CHARLES E. ZUSPAN, Fairmont, W. Va., assignors to Fairmont Box Company, Fairmont, W. Va., a Corporation of New York. Filed Dec. 1, 1925. Serial No. 72,519. 13 Claims. (Cl. 192-18.)



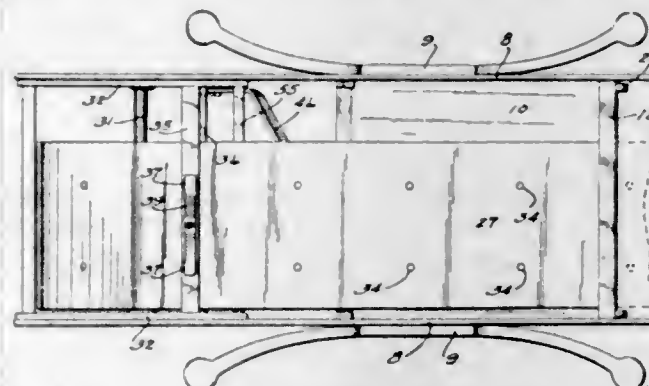
9. In clutch mechanism comprising a shaft and mutually engaging fixed and slidable clutch member thereon, a brake adjustable in the path of movement of the slidable clutch member and free of such member during its engagement with the fixed member, and a shifting lever arranged to act on said slidable member to disengage it from the stationary clutch member and bring it into contact with the brake.

1,643,357. PARTITION-ASSEMBLING MACHINE. VERNER M. WADE and CHARLES E. ZUSPAN, Fairmont, W. Va., assignors to Fairmont Box Company, Fairmont, W. Va., a Corporation of New York. Filed Dec. 1, 1925. Serial No. 72,520. 38 Claims. (Cl. 93-38.)



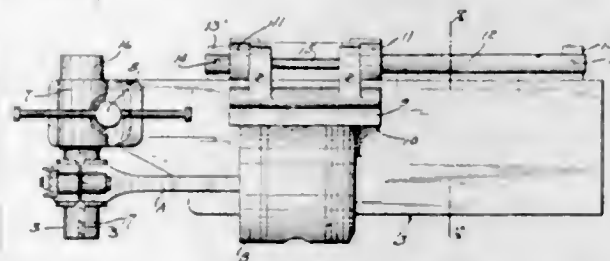
1. In a partition assembling machine the combination of a carrier for partition pieces, a conveyor therefor, a reciprocated striker for inserting partition pieces in said carrier, and timing means for controlling the operation of the striker.

1,643,358. AUTOMATIC ALIGNING ATTACHMENT FOR MANIFOLDING DEVICES. JOSEPH RAYMOND YOUNG, Minneapolis, Minn. Filed June 30, 1926. Serial No. 119,655. 17 Claims. (Cl. 197-126.)



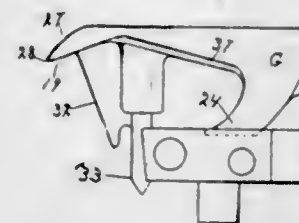
1. In a typewriter adapted to use a work web having longitudinally spaced holes and arranged to be fed through the machine, the combination with an aligning pin arranged to bear on the web of paper and be successively projected into said holes during the feeding action of said web, of an ejector for said pin arranged to enter said holes during its ejecting action and to be moved out of said holes by said web, during its feeding action.

1,643,359. PISTON-ALIGNING MACHINE FOR CONNECTING-ROD ASSEMBLIES. WILLIAM AAB, New Ulm, Minn. Original application filed Oct. 5, 1925. Serial No. 60,474. Divided and this application filed Apr. 23, 1926. Serial No. 104,064. 6 Claims. (Cl. 33-180.)



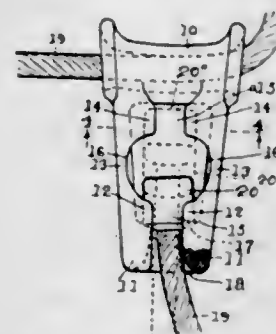
1. A machine of the kind described having a base with a piston-supporting surface, an arbor on the base, and a piston-aligning member having a piston-engaging portion that extends in a plane parallel to the plane of said piston-supporting surface and at right angles to the axis of the arbor.

1,643,360. SHUTTLE. ROBERT N. ALLEN, Methuen, Mass., assignor to U. S. Bobbin & Shuttle Co., Providence, R. I., a Corporation of Rhode Island. Filed June 11, 1924. Serial No. 719,318. 5 Claims. (Cl. 139-223.)



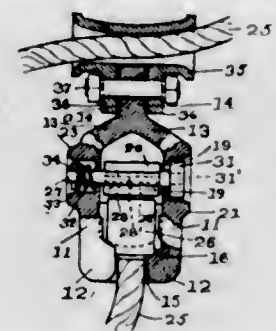
5. The combination in a shuttle having an eye, a bobbin chamber and a threading chamber in continuation thereof which connects with the eye, of a thread directing guide plate which extends from the top side of the shuttle into the threading chamber; such guide plate having a thread trapping front finger which extends from and under its front part down and forward and which narrows to its tip.

1,643,361. AUTOMATIC RELEASING CHOKER HOOK. SYDNEY ASHDOWN, Victoria, British Columbia, Canada. Filed Mar. 17, 1927. Serial No. 176,010. 7 Claims. (Cl. 24-123.)



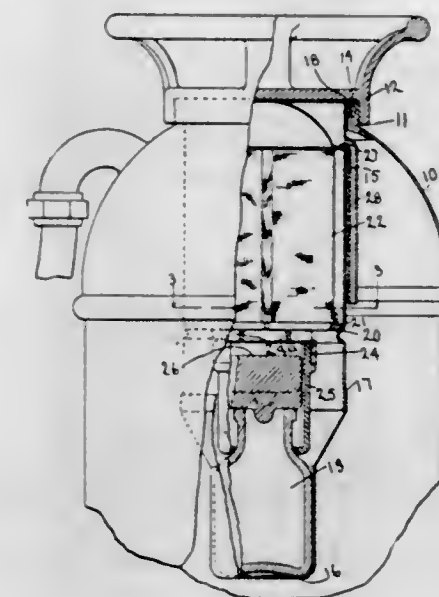
1. A choker hook consisting of jaws with a cable slot therebetween having a countersunk seat for a cable knob thereon, an eye-sleeve above and proximate to said knob seat backset therefrom over the junction of said jaws, and ribs spaced apart extending from said jaws to said eye-sleeve integral therewith to receive a cable knob therebetween.

1,643,362. LOGGING HOOK. SYDNEY ASHDOWN, Victoria, British Columbia, Canada. Filed Apr. 27, 1927. Serial No. 186,912. 4 Claims. (Cl. 24-123.)



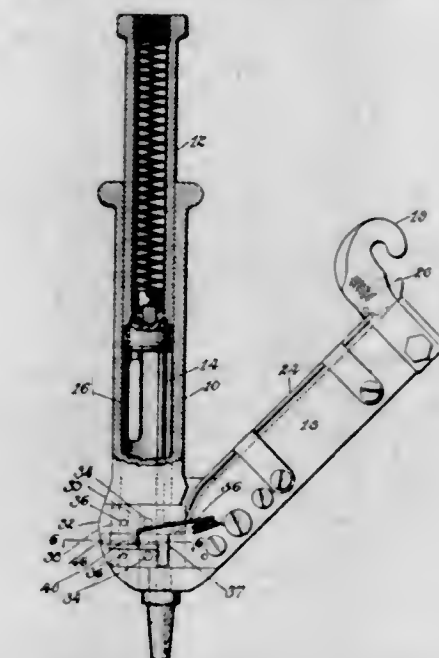
1. A logging hook consisting of a bifurcated shank, U shaped jaws disposed on one end of said shank having a recessed seat thereon to engage the knobbed end of a cable when between said jaws, cable-engaging means disposed on the other end of said shank, a keeper shaft mounted for revolution across said shank distant from the end of said cable knob when on said jaw seat to permit the removal of said knob therefrom having a lug thereon to approach said knob approximately by turning said shaft and prevent the disengagement of said knob from said jaw seat and having a head thereon external to said shank for a finger hold, and a spring engaged with said shaft to react and cause said shaft head to frictionally engage with said shank.

1,643,363. NONFREEZING FIRE EXTINGUISHER. ARTHUR C. BADGER, Newton, Mass. Filed June 21, 1921. Serial No. 479,245. 4 Claims. (Cl. 169-32.)



1. A fire extinguisher comprising a body adapted to contain a fire extinguishing liquid, a holder mounted in the upper part of said body forming an inner compartment substantially closed against inflow of the said fire extinguishing liquid when the extinguisher is in its normal position, said inner compartment having an outlet through which gas may readily flow, a bottle for a liquid reagent contained in the lower part of said compartment, a package of a complementary reagent in dry granular condition, adapted to react with the liquid reagent to generate gas confined in the upper part of said compartment, and perforated walls arranged within the mass of said granular reagent in a form providing open channels through which the liquid from said bottle may pass, upon overturning of the extinguisher, into contact with a large proportion at once of said mass.

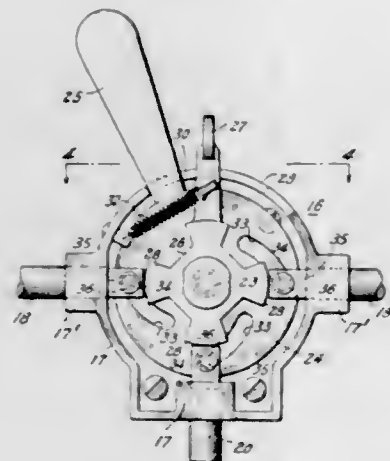
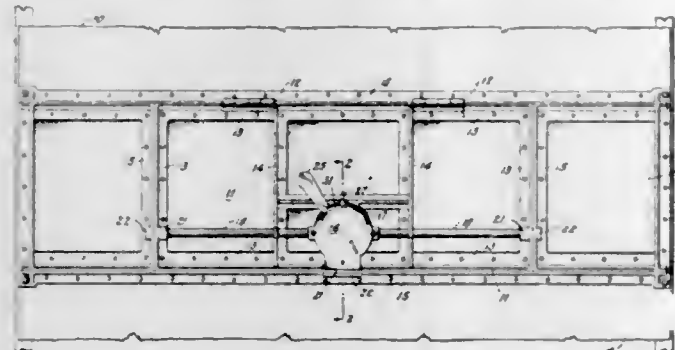
1,643,364. HAND TACKER. HARRIE A. BALLARD, Boston, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Aug. 9, 1923. Serial No. 656,470. 9 Claims. (Cl. 1-46.)



1. A hand tacker having a throat block provided with a tack and driver receiving throat opening therethrough, a raceway arranged to deliver tacks to said throat opening, and a separator pivoted to the throat block for rocking movement about an axis parallel to the throat opening.

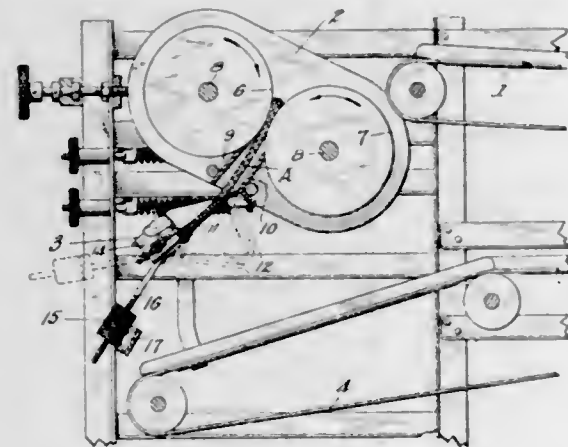
ing and arranged to control the passage of tacks from the raceway to the throat opening, the tack receiving portion of the throat opening opposite the raceway being free from irregularities on which a tack might catch.

1,643,365. FASTENING MECHANISM. WILLIAM E. H. BELL, Glenside, Pa., assignor, by mesne assignments, to H. W. Butterworth & Sons Company, a Corporation of Pennsylvania. Filed Nov. 20, 1924, Serial No. 750,985. Renewed July 1, 1927. 11 Claims. (Cl. 292—37.)



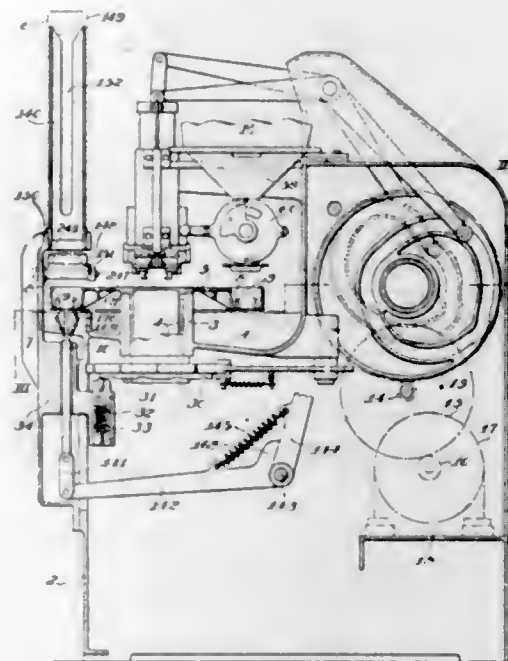
1. In a fastening mechanism, in combination, a plurality of bolts for fastening a closure in closed position, operating means for moving said bolts to and from fastening position, and locking means for holding said bolts in fastening position independently of said bolt operating means.

1,643,366. DOUGH CONDITIONING MACHINE. ADOLPH BENZ, Jr., Peoria, Ill. Filed Oct. 2, 1922. Serial No. 591,789. 10 Claims. (Cl. 107—7.)



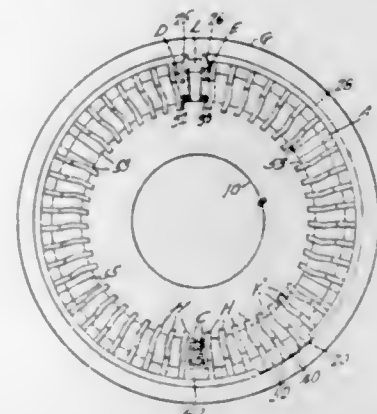
1. In a machine of a character described, means for folding a loaf unit by a single fold, comprising sheeting rollers and a counter-balanced pivoted member therebeneath adapted to receive a sheeted loaf unit, the weight of which will overbalance and trip such member and cause it to be oscillated, and during such oscillation be folded on itself and means to receive such folded unit.

1,643,367. RECEPTACLE-HANDLING MEANS FOR UNIT-MEASURING MACHINES. CHRISTIAN N. BERGMANN, Pittsburgh, Pa., ELMER Z. TAYLOR, Newark, N. J., and CYRUS TAYLOR, Hartford, Conn., assignors to Bergmann Packaging Machine Company, Pittsburgh, Pa., a Corporation of Delaware. Original application filed July 1, 1925, Serial No. 40,796. Divided and this application filed May 27, 1926. Serial No. 111,994. 18 Claims. (Cl. 226—14.)



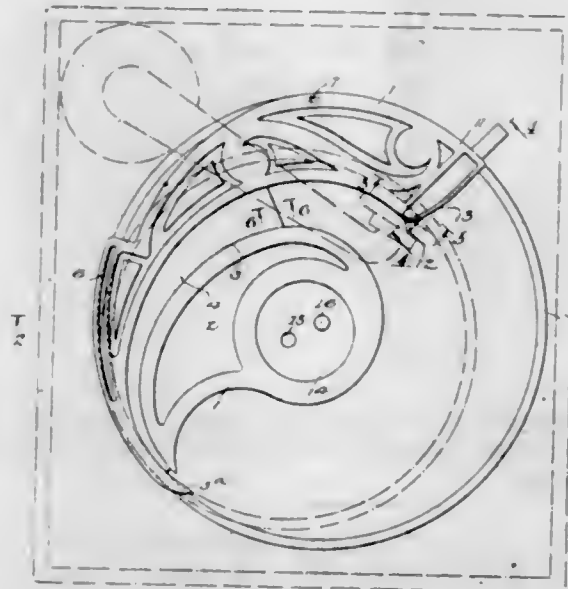
1. In combination with a rotatable turret having an annulus series of open bottom pockets, a lower plunger adapted to move upwardly through, an actuating cam, and a pivotally connected compound lever, having one arm engaging the cam and the other end flexibly connected with the plunger and provided with an arresting portion adapted to engage the other arm.

1,643,368. SELF-SUPPORTING LINING FOR JORDAN-ENGINE SHELLS. ARCHER LE ROY BELTON, North Andover, Mass., assignor to John W. Belton and Sons, Inc., Lawrence, Mass., a Corporation of Massachusetts. Filed Oct. 12, 1925. Serial No. 61,973. 18 Claims. (Cl. 92—27.)



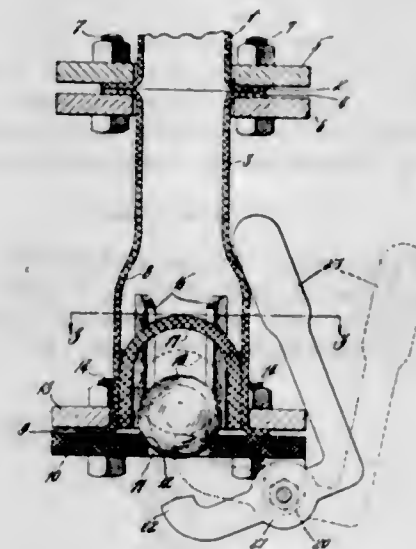
1. The combination in a bodily removable lining for Jordan engine shells of a thin metal segmental section having its straight edges bent inward, its smaller curved edge not bent but its larger curved edge bent inward except at a wedge position; with a plurality of wooden separators of keystone shape positioned around the inside of the thin metal section, each separator having on each side a groove; a plurality of knives each positioned between two separators, and each having on each side a rib which enters the groove in a separator; and a tightening wedge located between two separators in line with a wedge position at the large end.

1,643,369. REPEATING DEVICE FOR PHONOGRAPHIC RECORDS. SIDNEY M. BOOKMAN, New York, N. Y. Filed Oct. 25, 1922. Serial No. 596,813. 5 Claims. (Cl. 274—15.)



1. A repeating device for phonographs, which comprises a plate having a curved tapered groove therein, a portion of said groove being closed by material flexible relative to the remaining material of the plate, said material being adapted to receive the needle and be depressed thereby during the travel of the needle thereover.

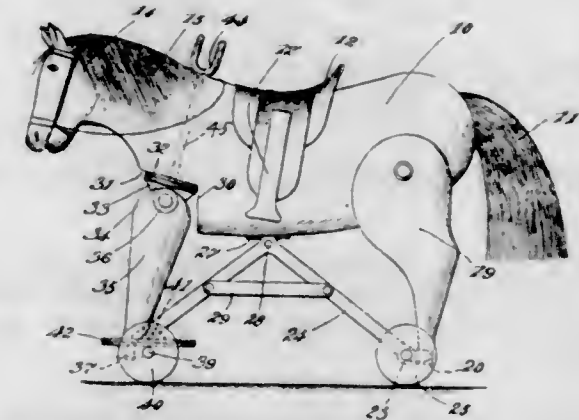
1,643,370. PLUG COCK. THOMAS L. BRANNEN, Berlin, N. H., assignor to Brown Company, Berlin, N. H., a Corporation of Maine. Filed Feb. 1, 1924. Serial No. 689,853. 3 Claims. (Cl. 251—133.)



1. A device of the class described comprising a pipe having an outwardly flanged end, a disk having a valve seat and partially closing said end, a ring surrounding said pipe adjacent to said flange, means to clamp said flange between said disk and ring to retain said disk in position, a spherical valve element within said pipe and normally engageable with said seat, a cage in said pipe for limiting the movement of said valve element from said seat, and a lever pivoted to said disk outwardly of said pipe and having an arm movable to contact with said valve element and remove it from said seat.

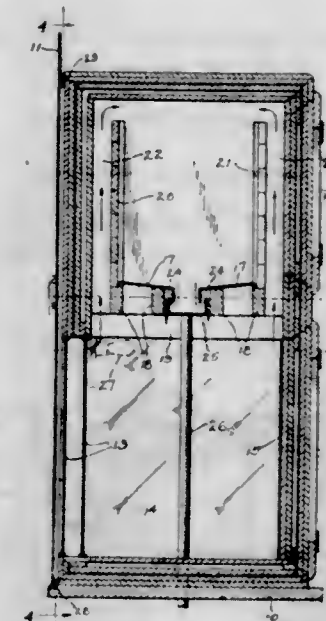
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1,643,371. LOPING-PONY TOY. CHARLEY PHILIP BUSH, Redore, Minn., assignor of one-fourth to Peter Richard Ekland, Hibbing, Minn., and one-sixteenth to W. I. Poole, Duluth, Minn. Filed June 16, 1926. Serial No. 116,436. 1 Claim. (Cl. 208—42.)



A child's vehicle comprising a body having a recess at the front thereof, a V-shaped frame on which the body is pivotally mounted, a crank shaft mounted in the rear arms of the frame, rear legs pivoted to the body and mounted on the shaft, a turntable in the recess, forward legs pivoted to the turntable, a second crank shaft on which the forward legs are mounted, a second turntable to which the forward arms of the frame are secured, bearings on the second turntable in which bearings the second shaft is mounted, and means secured to the first mentioned turntable for steering the vehicle.

1,643,372. REFRIGERATOR CASE FOR WINDOW DISPLAY. LAURENCE E. CHAMBERS, Eau Claire, Wis. Filed Mar. 20, 1925. Serial No. 16,979. 3 Claims. (Cl. 62—37.)

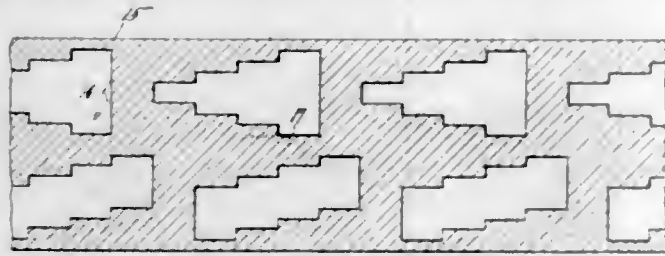


1. A refrigerator case for use in a show window, said case having a display chamber, a wall having a transparent portion in front of said chamber, and strips of yieldable material secured to the outer face of said wall surrounding said transparent portion and engageable with the surface of the show window to prevent circulation of air between said transparent portion and the show window.

1,643,373. METHOD AND MECHANISM FOR MAKING TAPERED SHINGLES. ALBERT L. CLAPP, Danvers, Mass., assignor to The Flintkote Company, Boston, Mass., a Corporation of Massachusetts. Filed Mar. 7, 1924. Serial No. 697,488. 11 Claims. (Cl. 92—41.)

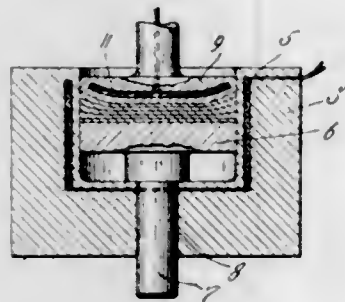
4. The method of forming a fiberboard of variable thickness, which comprises picking up fibrous pulp on a cylinder mold having portions of its circumference variable

In extent axially of said mold formed to prevent the pulp from being picked up thereon, depositing the pulp so picked up in a non-continuous layer on a blanket, and



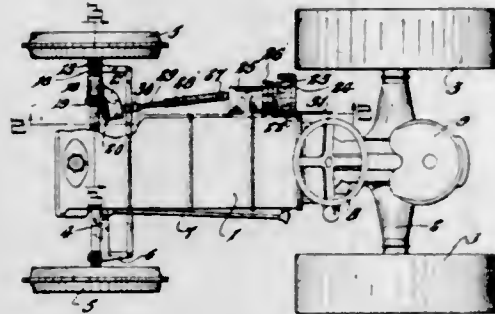
winding up the pulp from the blanket on a make up roll having the diameter of its periphery variable axially to correspond with the amount of pulp to be deposited thereon.

1,643,374. HEEL AND METHOD OF MAKING THE SAME. ALBERT L. CLAPP, Danvers, Mass., assignor to Beckwith Manufacturing Company, Boston, Mass., a Corporation of Massachusetts. Filed Mar. 7, 1924. Serial No. 697,489. 5 Claims. (Cl. 18-55.)



1. The method of making heels, which comprises superposing heel lifts of felt fibrous material and thermoplastic, molding them together under heat and pressure, and vulcanizing a rubber top lift thereto.

1,643,375. TRACTOR. EDWARD H. DIECKMANN, Florissant, Mo. Filed Jan. 19, 1924. Serial No. 687,220. 3 Claims. (Cl. 180-80.)

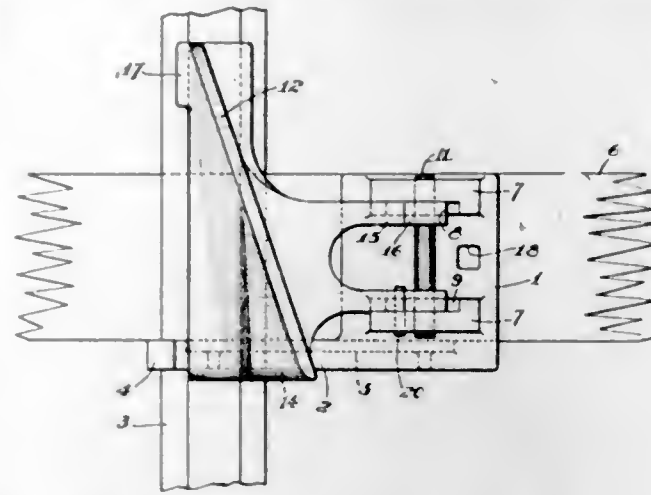


1. In a tractor of the farm type having an automotive organization which includes a motor, propelling wheels driven by the motor, an auxiliary drive shaft driven by the motor, a pivoted front axle having steering wheels thereon offset from the pivot thereof, and connections from said auxiliary drive shaft including a reversible clutch adapted to drive one of said wheels, for steering purposes.

1,643,376. DERAILER. GEORGE H. FRAZIER, Crafton, and ALBERT E. HERROLD, Pittsburgh, Pa. Filed Feb. 12, 1927. Serial No. 167,695. 4 Claims. (Cl. 246-163.)

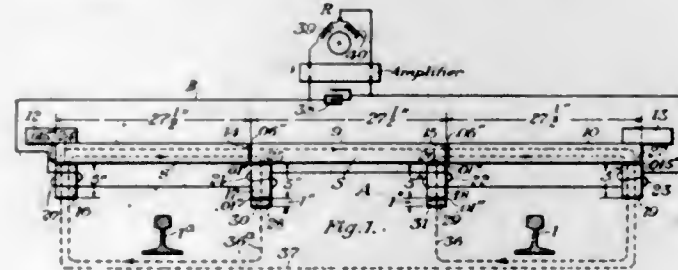
1. A portable device for derailing railway vehicles comprising in combination a base member and a derailing

member, said derailing member being pivotally joined to said base member, and said base and derailing members



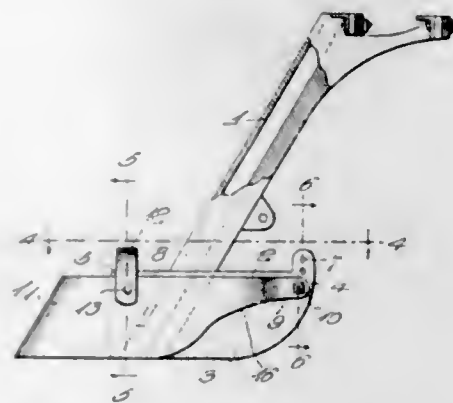
being adapted to cooperatively engage a rail and cross tie to securely hold said derailing member in its operative position.

1,643,377. TRAIN-CARRIED RECEIVER FOR AUTOMATIC TRAIN-CONTROL SYSTEMS. HAROLD O. HOLTE, Pittsburgh, Pa.; Halvor Holte, special administrator of said Harold O. Holte, deceased, assignor to The Union Switch & Signal Company, Swissvale, Pa., a Corporation of Pennsylvania. Filed Mar. 19, 1926. Serial No. 95,922. 12 Claims. (Cl. 246-63.)



1. A train carried receiver comprising a member extending transversely across the track rails and having four downwardly projecting legs each spaced from said member by a small air gap, and a winding made up of a coil on each leg, said coils being connected in series in such manner that the electromotive forces induced therein by alternating currents in the track rails are additive.

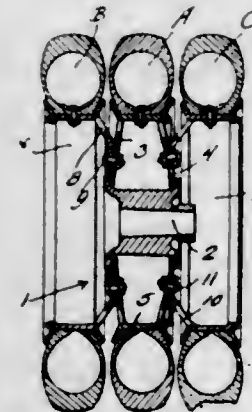
1,643,378. DRILL SET. LONZO R. HUPP, Urbana, Ohio. Original application filed Jan. 22, 1926. Serial No. 83,052. Divided and this application filed Oct. 11, 1926. Serial No. 140,905. 1 Claim. (Cl. 111-85.)



In a drill set, a hollow standard of cross-sectional oblong rectangular form and presenting flat sides, a shoe comprising a pair of plates secured to and bearing against said flat sides of the standard, said plates having forward

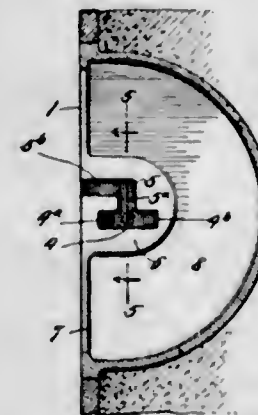
ends extending in advance of the standard and arranged in abutting contact and having rear ends projecting in rear of the standard and disposed in diverging relationship, brackets adjustably secured to said diverging rear ends of the shoe plates, and covering blades arranged on opposite sides of the shoe and having their body portions secured to said brackets and lying outside said diverging ends of the shoe plates and in parallel relationship to each other, the said covering blades having forward end portions arranged above the horizontal centers of their body portions and extending in convergent relationship and bearing against and adjustably secured to the forward ends of the shoe plates, the body portions of said blades terminating below their horizontal centers at the rear of said forward end portions to form passages below the latter and between the same and the forward portions of the shoe plates, and the rear ends of said blades having integral portions turned inwardly toward each other and forming rakes.

1,643,379. WHEEL STRUCTURE. WILLIAM ANDREW HUTCHINSON, Orlando, Fla. Filed May 25, 1927. Serial No. 194,130. 3 Claims. (Cl. 301-36.)



2. A wheel structure comprising an intermediate wheel including a hub, spokes extending radially from the hub at the inner and outer end portions thereof, a flanged tire supporting rim to which the outer ends of the radial spokes are secured, additional tire supporting rims disposed on the opposite sides of the intermediate wheel, means for securing the outer rims to the wheel, said means comprising a series of radial tongues extending inwardly from the inner edge portion of each of the outer rims for disposition against the adjacent radial spokes of said wheel, and fastening means extending through the inner ends of the tongues and the adjacent spokes.

1,643,380. RECEPTACLE FOR ROLLS OF TOILET PAPER. ROY E. JORDAN, Newark, N. J., assignor to The Mosaic Tile Company, a Corporation. Filed Mar. 5, 1924. Serial No. 696,963. 2 Claims. (Cl. 211-31.)



1. A toilet-paper roll receptacle comprising a container composed of ceramic material open at the front side for the insertion of a paper roll and having enclosing rear

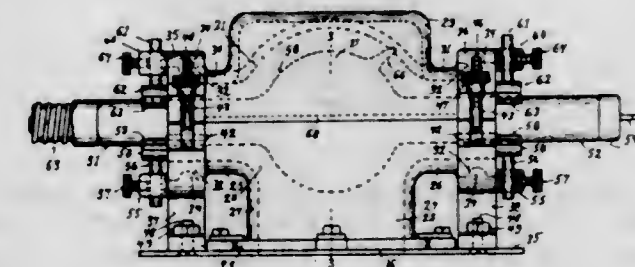
and side walls, each side wall having integrally formed a spindle groove comprising an elongated horizontally-disposed bearing-groove and an L-shaped upwardly and outwardly-extending entrance-groove communicating with the outer edge of the receptacle and with the bearing-groove intermediate the ends thereof.

1,643,381. CONTAINER FOR COLLAPSIBLE TUBES. ISAAC T. KAHN, Cleveland, Ohio. Filed Aug. 9, 1926. Serial No. 128,276. 3 Claims. (Cl. 221-60.)



1. In a device of the class described, the combination with a protective casing having an opening for accommodating the neck of a collapsible tube and a longitudinal opening approximately the length of the tube, of means comprising a flexible closure member secured at its upper end to the casing and substantially coextensive with said longitudinal opening and the length of an inserted tube for applying graduated pressure evenly to the tube as initially applied to said flexible member and gradually completing its collapse.

1,643,382. RADIOGRAPHIC APPARATUS. JOHN ROBERT KELLEY, Covington, Ky. Filed Aug. 22, 1925. Serial No. 51,852. 7 Claims. (Cl. 250-34.)

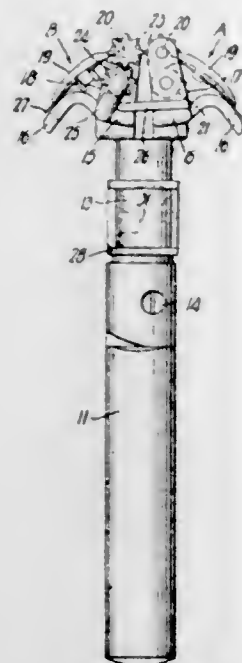


1. Radiographic apparatus comprising a hollow X-ray tube shield having openings at opposite sides for the passage of opposite ends of the X-ray tube and divided along lines leading from one of said openings to the other to permit the shield to be separated into two sections to provide for introducing and removing the X-ray tubes, a port for the issuance of X-rays from the interior of said shield, supporting members carried rigidly relative to one of said shield sections upon which the X-ray tube normally rests near opposite ends of said tube, clamping members adjustable to engage and clamp said tube in position upon its supporting members and serving also to clamp said shield sections together.

1,643,383. SAFETY RAZOR. ERNEST NOBERT KENNEDY, London, England. Filed Nov. 22, 1926. Serial No. 149,815, and in Great Britain Nov. 24, 1925. 14 Claims. (Cl. 30-12.)

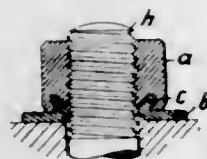
1. A safety razor of the kind referred to, comprising a head provided with two blade-carrying portions including guards, blade-holders, and means for locking the blades in position for shaving purposes and for releasing them therefrom for stropping purposes, said blade-carrying portions being arranged back-to-back, and the guards and

blade-holders being movable, the blade-holder of each portion relatively to a part of the other portion so as to permit such automatic and simultaneous reversal of both



blades as is necessary for enabling the four sides of the blades to be stropped, alternately in pairs, on a single strop.

1,643,384. LOCK FOR NUTS AND SCREW HEADS. ALBERT KLAFFE, Munich, Germany. Filed Nov. 18, 1926, Serial No. 149,117, and in Germany Oct. 14, 1926. 10 Claims. (Cl. 151-19.)



1. A lock for nuts and screw heads, comprising in combination, a nut having a cavity in the lower surface, and a washer, an upwardly turned collar on the inner edge of said washer subdivided into several separated stud like parts designed to independently engage with and be bent by said cavity of said nut to lock said nut in its position.

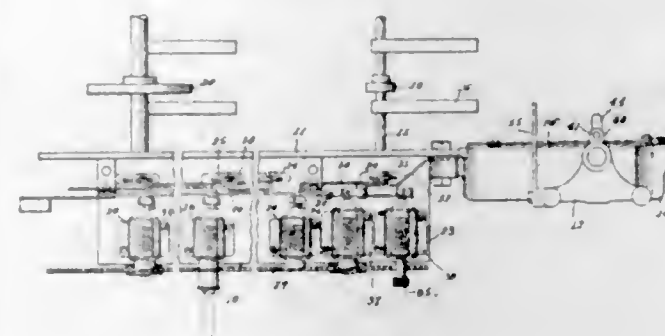
1,643,385. AEROPLANE BOMB WITH SAFETY DEVICE. THEODORE LAFITTE, Gonnevilliers, France. Filed Mar. 3, 1927, Serial No. 172,417, and in France Mar. 3, 1926. 5 Claims. (Cl. 102-39.)



1. In a bomb which is adapted to be transported upon and thrown by an aeroplane, the combination of a main body of a bomb, wings disposed on the rear part of said main body, a hollow plug screwed to the front part of said main body, a tapered socket slidable in said plug, a striker secured to said sockets, a cap disposed upon said striker, a detonator carrier soldered to said cap, a detonator disposed in said carrier, a screw threaded axle engaged in the tapered part of said socket, a propeller

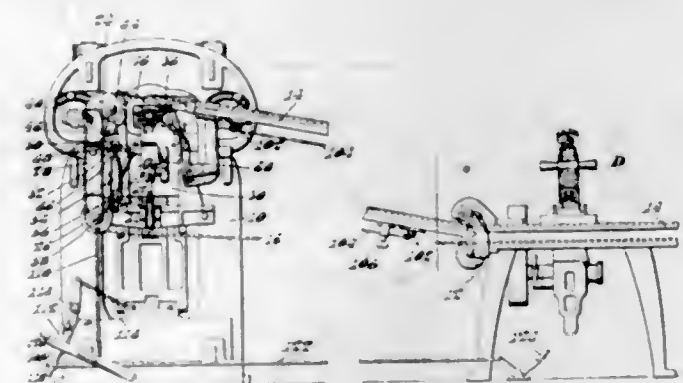
mounted on the outer end of said axle, said propeller being adapted to make contact with said plug in the inoperative position and to issue from the said socket under the action of a current of air during the descent of the bomb, said axle and socket being adapted to slide inwardly and to crush the said cap, thereby causing the explosion of the detonator by the shock of the bomb upon the ground.

1,643,386. COUNTING SORTER FOR PERFORATED CARDS. WILLIAM W. LASKER, Brooklyn, N. Y., assignor, by mesne assignments, to Powers Accounting Machine Corporation, New York, N. Y., a Corporation of Delaware. Filed Nov. 10, 1919. Serial No. 336,829. 3 Claims. (Cl. 235-91.)



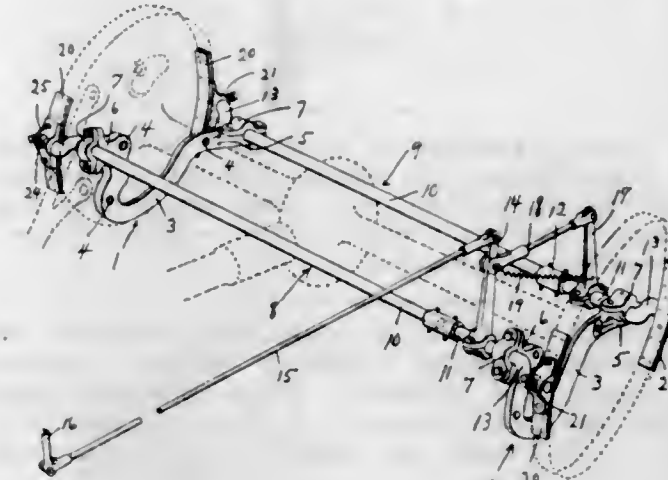
1. In combination, a reciprocatory element; a feeler adapted to press against a card if presented thereto, or to move to a different position if a card be not presented; an intermediate lever operated by said feeler, but normally disconnected therefrom if a card be presented; a counting member moved by the intermediate lever when a card is presented to position to be actuated by said element and when the card is absent to escape from such actuation; and a counter operatively connected with the counting member.

1,643,387. MANUFACTURE OF HEELS. THOMAS LUND, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Oct. 19, 1918. Serial No. 258,849. 6 Claims. (Cl. 12-147.)



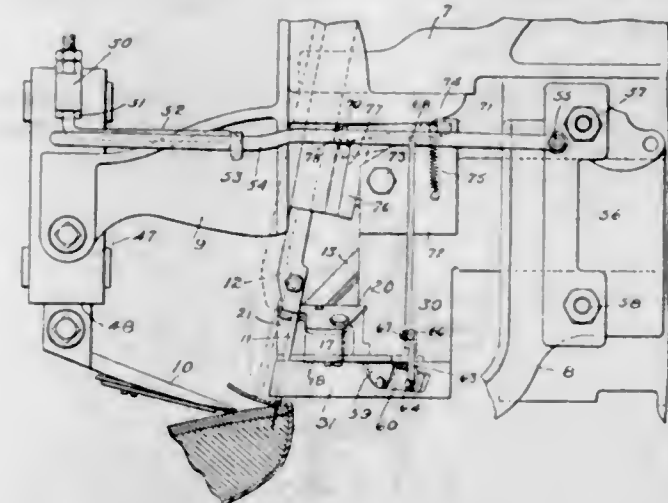
1. The method of manufacturing compressed or molded heels, which consists in simultaneously assembling heel lifts into piles to form completed heel blanks at a plurality of assembling points, maintaining the heel lifts in assembled relation, continuously placing the completed blanks from the several assembling points in a single unbroken row, continuously conveying the said row to a single compressing station, continuously delivering the blanks one by one from the forward end of the row to a single compressing means and subjecting the successive blanks to compression uninterruptedly.

1,643,388. AUTOMOBILE WHEEL BRAKE. HENRY W. LUTES, Roscoe, Mo. Filed Mar. 25, 1927. Serial No. 178,324. 2 Claims. (Cl. 188-75.)



1. In a vehicle brake structure of the class described, a pair of hanger brackets provided with bearings, a rock shaft mounted for oscillation in said bearings, said rock shaft being formed at its opposite ends with cranks, a pair of brake shoes, each shoe comprising an arcuate plate, a removable lining therefor, a bracket carried by the plate, said bracket being provided with outstanding spaced parallel apertured ears, a portion of the complementary crank extending through said apertures, and a collar located between said ears, surrounding said crank portion, and a set screw carried by said collar and fastened to said crank portion.

1,643,389. ECONOMIZER FOR FASTENING-INSERTING MACHINES. DAVID MACARTHUR, Harrisburg, Pa., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Apr. 12, 1919, Serial No. 289,692. Renewed Nov. 30, 1923. 27 Claims. (Cl. 1-18.)



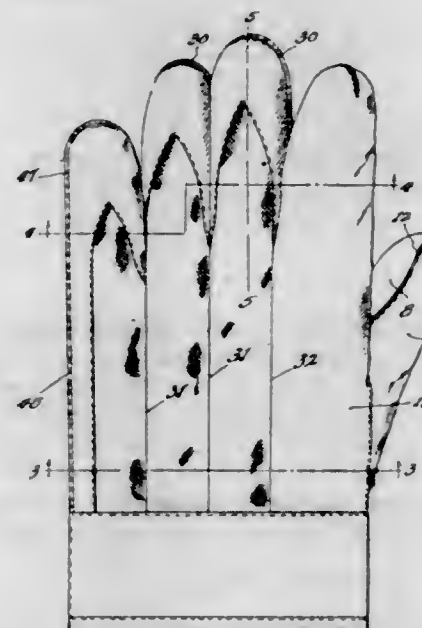
1. In a machine for setting fastenings, the combination with a driver, a feeder, and a receiver to which fastenings are delivered by said feeder and from which they are adapted to be forced by said driver into a work-piece placed to receive them, of a displacer for shifting the driver out of its driving relation to said receiver when the receiver is positioned for the delivery of a fastening to the work, and means for rendering said displacer inoperative when a work-piece is presented to receive a fastening.

1,643,390. PROCESS OF INCORPORATING ENGRAVED PLATES WITH ELECTROS IN A SOLID PLATE. WILLIAM J. MAGINNIS, Philadelphia, Pa., assignor to Royal Electrotypes Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Nov. 7, 1924. Serial No. 748,433. 7 Claims. (Cl. 101-384.)



6. A printing plate of thickness suitable for attachment to a patent block or base having a solid backing and printing surfaces permanently mounted thereon respectively electrotyped and engraved.

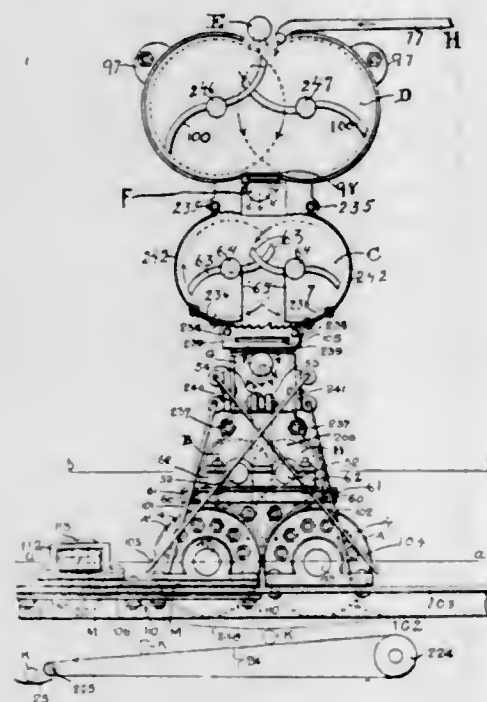
1,643,391. GLOVE. JAMES R. MCBURNEY, Cambridge, Ohio. Filed Sept. 13, 1926. Serial No. 135,179. 1 Claim. (Cl. 2-161.)



A glove of the class described comprising an integral blank of leather including a palm portion and front, second, third and little finger stall portions, and further including a first finger portion constituting the front, back and outer side of the first finger stall, and including also a portion extending downwardly from the said first finger stall portion and constituting a wear-resisting portion at the back of the glove below the first finger stall, the said blank further including a front thumb stall portion defined by spaced incisions and located laterally inwardly of the last mentioned portion, a back thumb stall portion of leather marginally united to the said

front thumb stall portion and having a lower portion marginally united to the lower portion of the first mentioned blank along the lines of the said incisions and extending to the lower margin of said first mentioned blank, blanks of leather having their outer lateral edges united to the margins of the second and third finger stall portions of the first mentioned blank and constituting the second and third finger stall fourchettes and also the backs of the tip portions of the respective stalls, a similar leather blank united at its outer lateral edges to the corresponding margins of the little finger stall portion of the first mentioned blank and having a downward extension at one side united at its outer edge to the corresponding edge of the palm portion of the first mentioned blank and extending down the outer side of the back of the glove below the little finger stall, and blanks of more flexible material united marginally to the inner lateral margins of the last mentioned second, third and little finger stall blanks and also marginally to one another at the back of the glove.

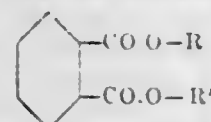
1,643,392. MOLDING MACHINE. JOHN F. MULLANEY, Colorado Springs, Colo. Filed Sept. 17, 1923. Serial No. 663,088. 25 Claims. (Cl. 25-2.)



1. In a rotary machine of the class described adapted to mold articles of stiff plastic material; two rotating molding heads with parts of the forming mold in opposite faces of the two heads as they register in contact, operating means to turn them, ejectors in each head provided to eject the molded article as the surfaces of the heads part, stripping members provided to detach the articles, and operative means for said ejectors.

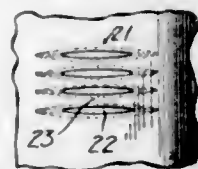
1,643,393. CYCLOHEXYL PHTHALATES AND PROCESS OF MAKING SAME. ERENEZER EMMET REID and GEORGE L. SCHWARTZ, Wilmington, Del., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a Corporation of Delaware. Filed July 15, 1922. Serial No. 575,311. 5 Claims. (Cl. 260-103.)

1. As a new composition of matter, a cyclohexyl ester of phthalic acid having the following graphical formula:



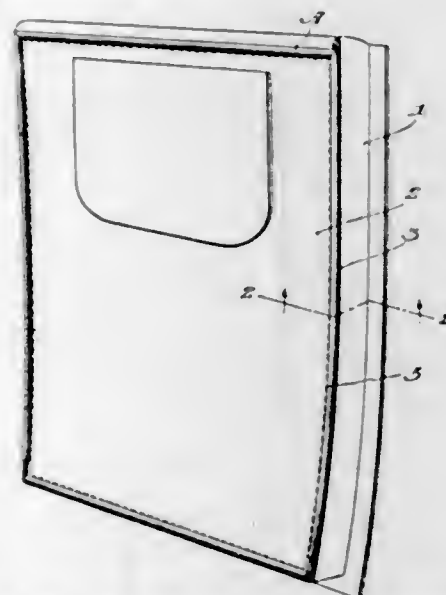
where R stands for the cyclohexyl group, and R' represents an open chain alkyl, or aryl radical.

1,643,394. PERFORATED PIPE FOR WELLS. EDWARD M. SMITH, Los Angeles, Calif. Filed Feb. 9, 1922. Serial No. 535,208. 7 Claims. (Cl. 166-5.)



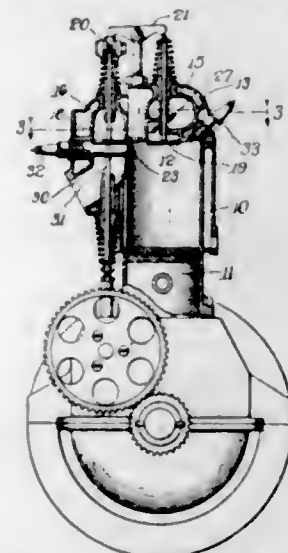
1. A slotted pipe suitable for use in oil wells and having a plurality of slots, opposed portions of the outer mouth of each of said slots being substantially continuously curved and disposed apart a maximum distance on the minor axis of said slot.

1,643,395. AUTOMOBILE DOOR AND METHOD OF SECURING PANELS THERETO. WALTER S. SMITH, Elizabeth, N. J., assignor to Willys Corporation, New York, N. Y., a Corporation of Delaware. Filed Dec. 28, 1920. Serial No. 433,675. 1 Claim. (Cl. 296-44.)



A vehicle door having on one face thereof resilient peripheral inwardly-curved flanges, and a panel covering said face and having edge portions located beneath and engaging said flanges, said panel having a peripheral groove or depression adjacent said edge-portion into which the edges of said flanges extend for detachably holding said panel to said door.

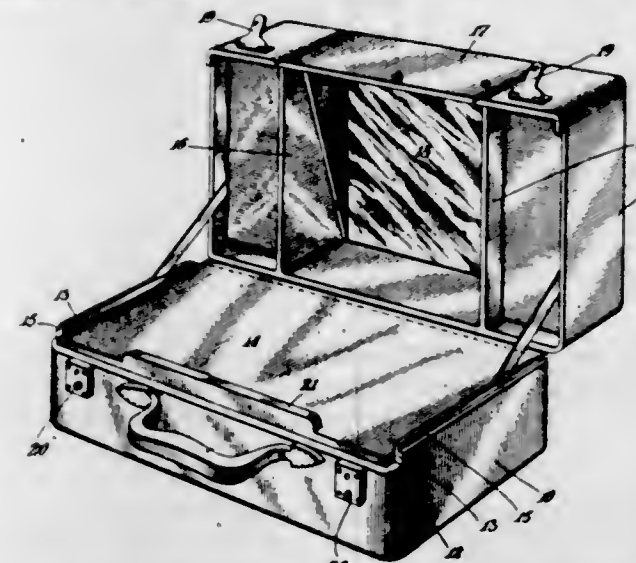
1,643,396. INTERNAL-COMBUSTION ENGINE. HOMER A. TRUSSELL, Chicago, Ill. Filed Aug. 22, 1921. Serial No. 494,116. 81 Claims. (Cl. 123-65.)



7. In an internal combustion engine, the combination of a combustion chamber, a plurality of fluid inlets leading to the combustion chamber, said inlets having means for causing fluid to be set into whirling motion

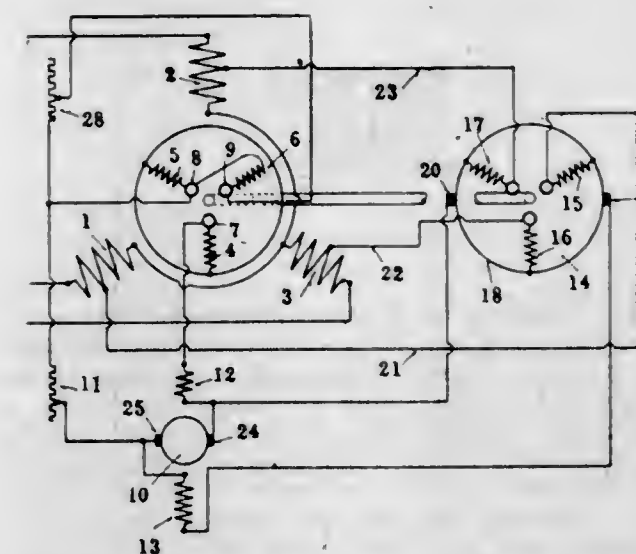
as it is introduced into the combustion chamber, one of said inlets being arranged adjacent the uppermost end of the combustion chamber.

1,643,397. LUGGAGE. OSSIP JOSEPH WALINSKY, Sea Gate, N. Y., assignor to White Luggage Co. Inc., New York, N. Y., a Corporation of New York. Filed June 2, 1926. Serial No. 113,163. 3 Claims. (Cl. 190-51.)



1. A suitcase comprising a body having a front wall of less height than the side walls, a lid hinged thereto, said lid having a front wall of greater height than its side walls, ledges on the side walls of said body and a tray supported by said ledges, the front walls of said body and said lid cooperating to completely close the front of said suitcase.

1,643,398. SYNCHRONOUS MOTOR. HANS WEICHEL, St. Louis, Mo., assignor to Wagner Electric Corporation, St. Louis, Mo., a Corporation of Delaware. Filed Dec. 31, 1923. Serial No. 683,546. 9 Claims. (Cl. 172-280.)



1. In a synchronous motor, the combination of a rotor and a stator, one of said members being provided with means for producing a direct current exciting flux, means for impressing an alternating E. M. F. on the other member to produce an alternating current field flux, and means independent of the motor and mechanically governed by variation in the angular displacement between the axes of the said rotor and stator fields and adapted to increase, throughout the load range of the motor, the magnitude of the exciting field when the angular displacement between said axes increases.

2. In a synchronous motor, the combination of a rotor and a stator, one of said members being provided with a winding for producing a direct current exciting flux, means for impressing an alternating current E. M. F. on

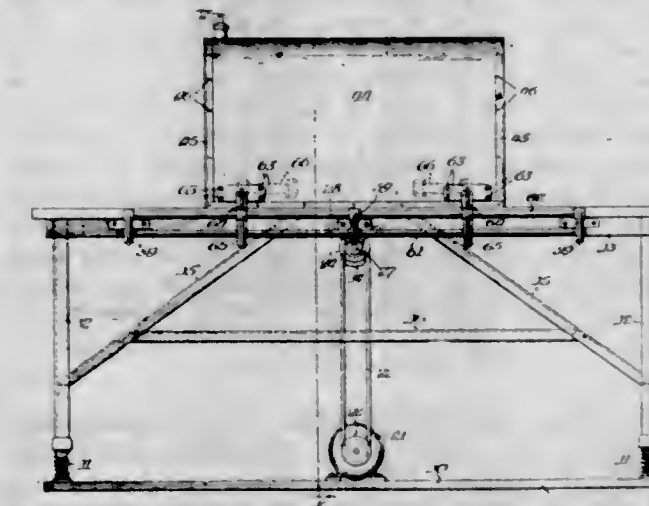
the other member to produce an alternating field flux, a converter mechanically connected to and driven by the motor, means for supplying alternating current to the converter of such periodicity as to permit direct current to be derived from the converter when the motor is operating at synchronous speed, direct current brushes on the converter connected with the direct current exciting winding of the motor, said brushes occupying, when the motor is operating synchronously without load, a position approximating coinciding with the axis of the field produced by the alternating current winding of the converter, whereby when the angular displacement between the axis of the exciting flux and the axis of the alternating field flux of the motor increases under increase of load the direct current voltage derived from the converter by the brushes increases.

3. In a synchronous motor, the combination of a rotor and a stator, one of said members being provided with a winding for producing a direct current exciting flux, means for impressing an alternating E. M. F. on the other member to produce an alternating current field flux, and a translating device independent of the motor and having a part rotating in synchronism therewith and adapted to produce a direct current E. M. F. increasing, throughout the load range of the motor, with increase in the angular displacement between the axes of said rotor and stator fields, and means for impressing said direct current E. M. F. on the exciting winding.

7. In a synchronous motor, the combination of a stator and rotor, one of said members being provided with a winding for producing an alternating field flux and the other being provided with an exciting winding, a direct current generator in circuit with said exciting winding, a translating device operating in synchronism with the motor and adapted to produce a direct current E. M. F. varying with variations in the angular displacement between the alternating current field of the motor and the field produced by the exciting winding, and means for utilizing said E. M. F. to vary the E. M. F. produced by the direct current generator.

8. In a synchronous motor, the combination of a stator and a rotor, one of said members being provided with a winding connected to an alternating current source for producing an alternating field flux and the other with a winding for producing a direct current exciting flux, a direct current generator in circuit with said last mentioned winding, a converter operating in synchronism with the motor and having its direct current side connected to vary the excitation of the generator, and means for impressing on the alternating current side of the converter a voltage having fixed phase relation to the line voltage.

1,643,399. THERAPEUTIC APPARATUS. MERTON W. WESTWORTH, Battle Creek, Mich., assignor to Sanitarium and Hospital Equipment Company, a Corporation of Michigan. Filed July 6, 1925. Serial No. 41,465. 15 Claims. (Cl. 174-177.)



1. In a therapeutic apparatus of the character described, the combination of a table, springs sustaining

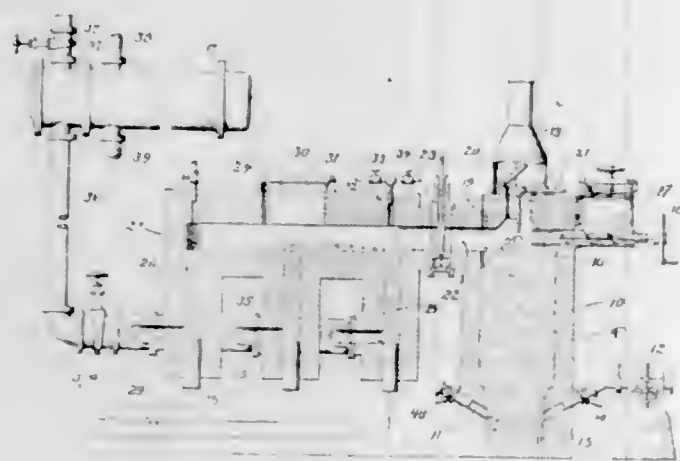
the weight of said table, a shaft mounted on said table beneath the table top, a drum on said shaft, an eccentric weight on said drum, a motor, and driving connections from said motor to said drum for rotating the latter at high speed.

1,643,400. UPHOLSTERY PANEL AND METHOD OF MAKING THE SAME. JOHN A. WILSON, Elizabeth, N. J., assignor to Duratex Corporation, Newark, N. J., a Corporation of New Jersey. Filed Feb. 17, 1921. Serial No. 445,869. 6 Claims. (Cl. 91-67.9.)



1. As a new article of manufacture, an upholstery panel comprising a fiber board coated with a composition comprising one part by weight of shellac, two parts by weight of nitrocellulose and containing the necessary amount of the desired shade of pigment.

1,643,401. PROCESS FOR MANUFACTURING LIGHT HYDROCARBON LIQUIDS. WILLIS S. YARD and EARL NEWMAN PERCY, Oakland, Calif. Filed Mar. 17, 1924. Serial No. 699,616. 3 Claims. (Cl. 196-61.)

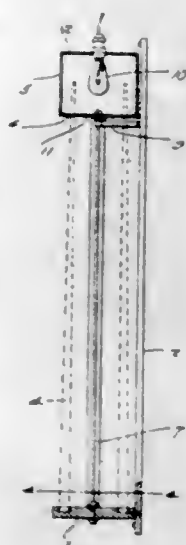


1. A method of treating heavy hydrocarbon liquids, which consists in spraying heavy hydrocarbon liquids upon a deep bed of solid fuel in condition of incandescence and contained within a closed chamber, whereby the liquid will come into intimate contact with the fuel and will be vaporized, thereafter passing the vapors into a second chamber over a mass of finely divided carbonaceous material electrically heated to incandescence, subjecting the vapors and the carbonaceous material to the action of steam to prevent plugging of the carbonaceous material with the products of cracking, and then passing the vapors through the carbonaceous material to bring them into intimate contact with the particles of the heated carbon and thus bring about a cracking action of the vapors.

1,643,402. CUE TIP DRIER. FRANK ALEXANDER, Rochester, Ind. Filed May 10, 1927. Serial No. 190,230. 5 Claims. (Cl. 34-26.)

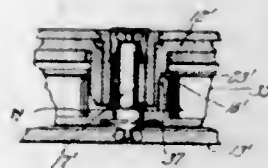
1. A cue tip drier comprising an upright support, a bracket fixed to said support and having a circular series of pockets in its upper side, an oven spaced above said

bracket and including a bottom wall with a circular series of apertures therein fixed to the upright support, and also including a hood hingedly connected to said bottom wall and swingable on and off the same, a support interposed



between and connected to the bracket and the bottom wall of the oven, and an incandescent electric lamp carried by the top wall of the hood and adapted when the hood is positioned above the bottom wall of the oven to heat the interior of the oven.

1,643,403. WATCH BARREL. HELGE A. BORRESEN, Chicago, Ill., assignor of one-half to Edward R. Hills, Chicago, Ill. Original application filed July 10, 1916. Serial No. 108,290. Divided and this application filed Apr. 29, 1920. Serial No. 377,598. 3 Claims. (Cl. 58-87.)

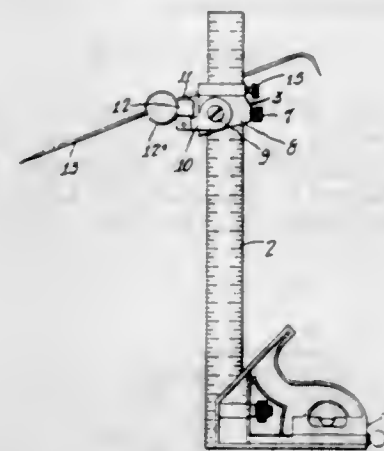


1. In a timepiece of the type having the main wheel, main spring barrel and main arbor assembled and rotating together, an annular winding arbor having a beveled extremity and a main spring correspondingly beveled to automatically assemble the same about said winding arbor, said barrel having a hub projecting into the inner coil of the main spring to maintain the same extended in such a position that the corresponding bevels of the main spring and arbor will cooperate to automatically assemble the same about said winding arbor.

1,643,404. GAUGE. ROSS BRADSTREET, St. Charles, Ill. Filed Dec. 22, 1922. Serial No. 608,436. 2 Claims. (Cl. 33-171.)

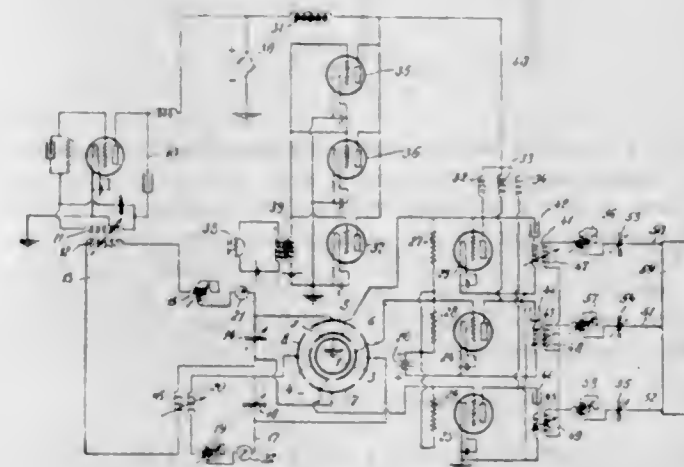
1. A device of the class described embodying therein a block having an opening in one side thereof to operatively receive a supporting blade and having a tubular housing at one end, a screw threaded through one edge of the block for securing the same to the blade, means pivotally mounted on one side of the block and having an arm normally arranged in said housing and having a second arm extending beyond that edge of the block opposite the first mentioned edge and including a pin, a scriber holding

means adapted to be secured upon said pin, an actuating screw in said housing parallel with said set screw and



engaging said first mentioned arm extending into said housing, and a spring acting on said pivotally mounted means in opposition to said actuating screw.

1,643,405. POLYPHASE HIGH-FREQUENCY-CURRENT GENERATOR. ROBERT D. DUNCAN, Jr., East Orange, N. J., assignor to Wired Radio, Inc., New York, N. Y., a Corporation of Delaware. Filed Oct. 27, 1925. Serial No. 65,125. 5 Claims. (Cl. 172-238.)

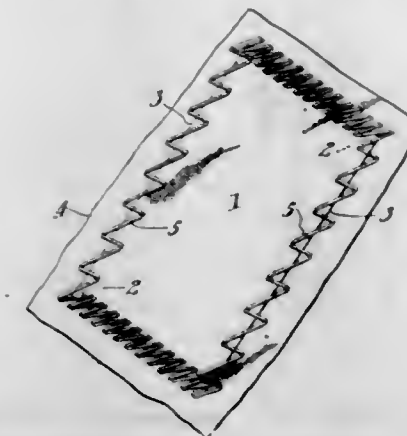


4. A phase converter comprising a plurality of conductor elements disposed symmetrically about a common center, a source of two phase voltage connected to said conductor elements in such a manner as to produce a rotating electric field the lines of force of which are approximately parallel to radicals extending from the said common center, and additional conductor elements disposed within said rotating electric field and symmetrically about said common center, the arrangement being such that polyphase voltages of three phases or upwards are produced.

5. In combination, a rotating electric field device comprising four conductor elements disposed symmetrically about a common center, each of said elements being situated opposite another one of said elements, a source of two phase voltage, circuit connections for impressing the voltage of one of said phases across two of said conductor elements, circuit connections for impressing the voltage of the other of said phases across the remaining two of said conductor elements, the arrangement being such that a resultant rotating electric field is produced within the space encompassed by said conductor elements, and additional conductor elements arranged within said space and concentrically with said first mentioned conductor elements, another conductor element situated at approximately the center of said rotating electric field and concentrically with the previously mentioned conductor elements, a plurality of three-electrode vacuum tube am-

plifiers each comprising a filament, a grid and a plate, each of said second mentioned conductor elements being electrically connected to one of said grids individually, high frequency output circuits for said amplifiers and means for modulating the high frequency output of said amplifiers in accordance with signals.

1,643,406. LABEL-ATTACHING SEAM. JOHN S. FINCH, Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J., a Corporation of New Jersey. Filed Aug. 25, 1925. Serial No. 52,266. 4 Claims. (Cl. 112-265.)



1. The method of attaching a label and like article to a body-material by label-edge covering stitches, comprising feeding the work in the successive directions of the label-margins, and during said feeding of the work relatively vibrating the work and the stitch-forming mechanism of an overseaming sewing machine at an angle constant with respect to the initial direction of feed of the work throughout the overseaming of the successive label-margins.

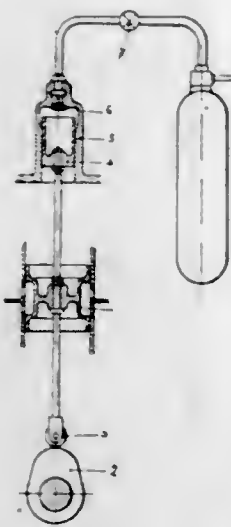
3. A label having intersecting margins attached to a body material by an angular seam of zigzag stitches crossing said margins, in which zigzag stitches straight lines passing through the joining point of adjacent stitches on one label-margin and bisecting a straight line connecting the opposite ends of the same stitches are parallel with similar lines on an intersecting label-margin.

1,643,407. GARBAGE RECEPTACLE. ALLEN E. FLORANCE, Dallas, Tex. Filed Oct. 21, 1926. Serial No. 143,121. 2 Claims. (Cl. 220-1.)



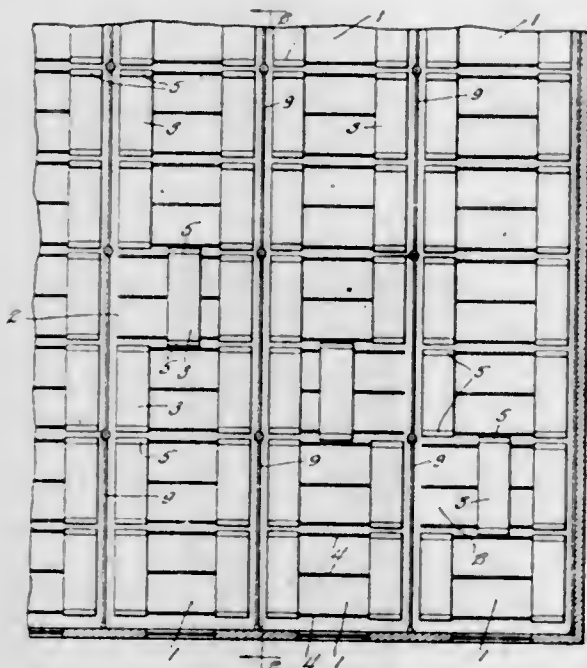
1. A garbage receptacle comprising a framework and including a cage, a basket seated within the cage; said basket formed of two equal parts swingable apart and adapted to receive a sack or bag in which the garbage is placed; a main closure and an auxiliary closure for the basket; and a reducer ring.

1,643,408. PNEUMATIC BUFFER FOR RECIPROCATING MACHINE MEMBERS. GUIDO FORNACA, Turin, Italy. Filed Jan. 8, 1927. Serial No. 159,925, and in Italy Jan. 16, 1926. 4 Claims. (Cl. 267—1.)



1. Pneumatic buffer for a reciprocating machine member actuated by means of a cam comprising a piston connected to the reciprocating member, a cylinder for said piston, a tank containing a pressure fluid and communicating with the cylinder through a conduit and an automatic valve opening towards the cylinder and arranged in said conduit, for obtaining variable pressures according to the displacement of the piston within said cylinder and such as to maintain a constant contact between said cam and said reciprocating member.

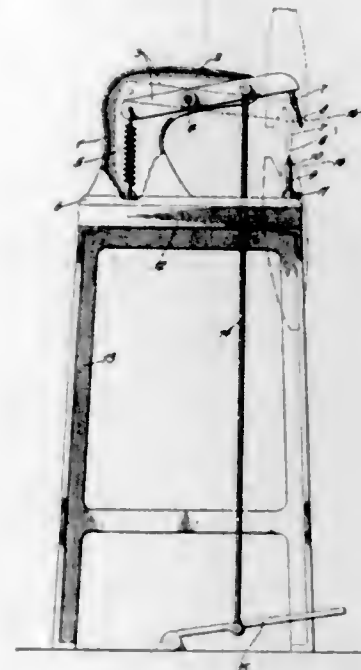
1,643,409. GARAGE. SOLL FREEMAN, Chicago, Ill. Filed Apr. 5, 1926. Serial No. 99,700. 5 Claims. (Cl. 214—16.1.)



1. A garage construction comprising a driveway for the cars, a storage space at one side of the driveway and a plurality of carriages, one for each car to be stored, individual to the storage space for each car, for carrying the car transversely from the driveway to its individual storage space at the side of the driveway, each carriage being provided with a ramp which folds up on top of the carriage when the carriage is in the storage space, whereby storage space is conserved, said carriages being so close

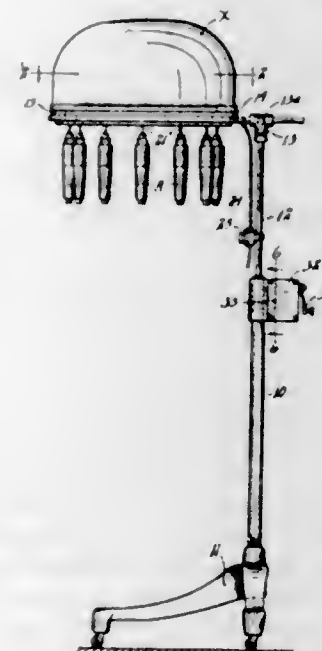
to each other endwise that the ramp of one carriage folds down on top of the ramp of an adjacent carriage to provide a bridge between the carriages when the carriages are pulled out into the driveway.

1,643,410. LAPEL TURNER. NICHOLAS GIANCOLA, St. Louis, Mo., assignor, by direct and mesne assignments, of one-third to John Reece and Edward H. Behrle and one-sixth to Robert L. McLahan, St. Louis, Mo. Filed June 4, 1926. Serial No. 113,622. 3 Claims. (Cl. 223—20.)



1. In a machine of the character described, a housing frame comprising an overhanging arm, a lever pivoted in said arm, a spring enclosed within said housing frame for actuating said lever to one position, an arm attached to said lever outside of said frame, a connection from said lever between said second arm and said pivot for operating said lever in opposition to said spring, and a rigid arm in cooperative relationship to said arm on said lever.

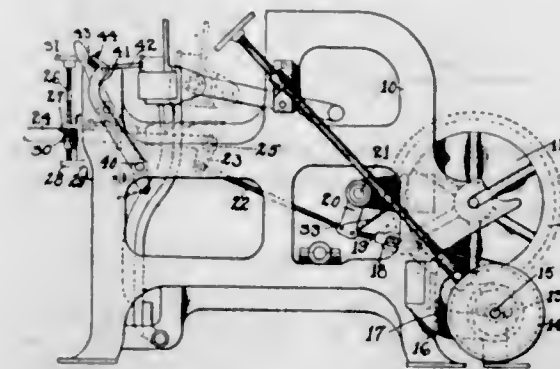
1,643,411. HAIR-CURLING APPARATUS. PAUL KUNIN and REUBEN A. OLSEN, Minneapolis, Minn.; said Olsen assignor to said Kunin. Filed Jan. 18, 1926. Serial No. 81,941. 11 Claims. (Cl. 219—24.)



1. In apparatus of the character described an overhead support, a swingable arm pivoted to said support, a pulley or guide member adjacent the free end of said arm, a

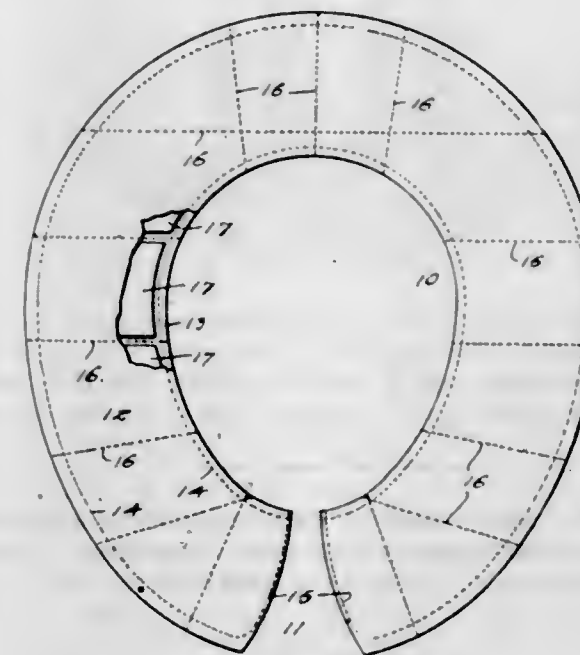
flexible member anchored at one end to said support and passed over said guide member with its free end depending from said support and a heating device attached to the free end of said flexible member whereby the vertical position of said heating device may be varied with the radial position of said arm.

1,643,412. PROTECTOR MECHANISM FOR LOOMS. EDWARD L. LANE, Mooresville, N. C., assignor to Crompton & Knowles Loom Works, Worcester, Mass., a Corporation of Massachusetts. Filed Dec. 30, 1924. Serial No. 758,915. 5 Claims. (Cl. 139—100.)



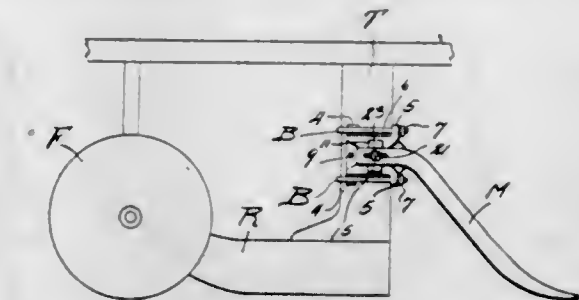
1. In a loom having a warp beam, a friction let-off to resist movement of the beam, a lever controlling the friction let-off, a support for said lever, loom knock-off mechanism, and a smash preventer to operate the knock-off mechanism when the shuttle is improperly boxed, the knock-off mechanism engaging the lever to move the same from the support therefor to relieve the warp beam of the resistance offered by the let-off.

1,643,413. TOILET-SEAT COVER. CLARENCE LEE MAHONEY, Washington, D. C. Filed July 20, 1926. Serial No. 123,731. 1 Claim. (Cl. 4—242.)



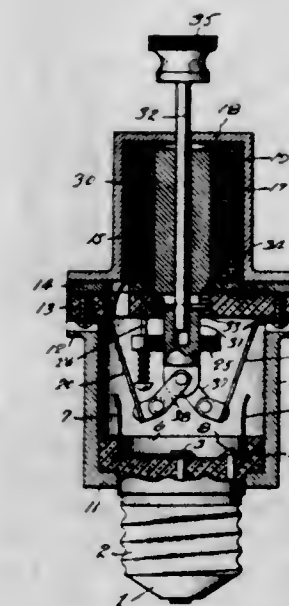
A sanitary cover for toilet seats comprising layers of fabric stitched along their marginal edges, the cover being in the form of a flat oval ring, one of the layers being water proof, the layers of fabric being stitched transversely between the marginal stitchings to form pockets, and stiffening members disposed in said pockets, said transverse lines of stitching forming hinges whereby the cover is radially foldable into a compact form.

1,643,414. PLANTER ATTACHMENT. HARRY T. MAZE and LOYD BEVER, Anderson, Ind. Filed Apr. 3, 1926. Serial No. 99,594. 2 Claims. (Cl. 111—85.)



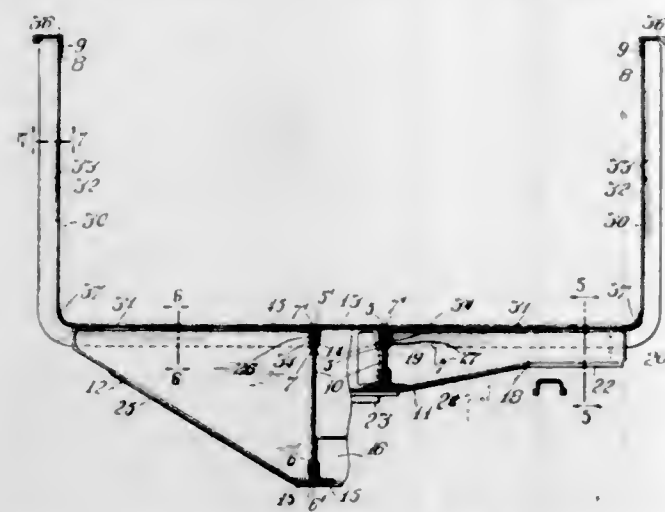
1. In combination with a planter having a shoe and a seed tube associated therewith, plates arranged at opposite sides of the tube, means for holding the plates to the tube, each of said plates having an elongated slot, an outstanding shank held by the plate and extending outwardly through the slot, a second plate overlying the first named plate and having an opening through which the shank is directed, a third plate having an opening through which the shank is directed, said second and third plates being adjustable one with respect to the other about the shank as an axis, a covering member having a slot through which the shank is directed, and means carried by said shank for holding the plates and covering member in their relative adjustments, the opposed faces of the third plate and covering member having interlocking surfaces, the slot in the covering member being angularly related to the slot of the first named plate.

1,643,415. AUTOMATIC CIRCUIT BREAKER. EDGAR D. MOORE, Cleveland, Ohio. Filed Sept. 14, 1923. Serial No. 662,663. 6 Claims. (Cl. 200—89.)



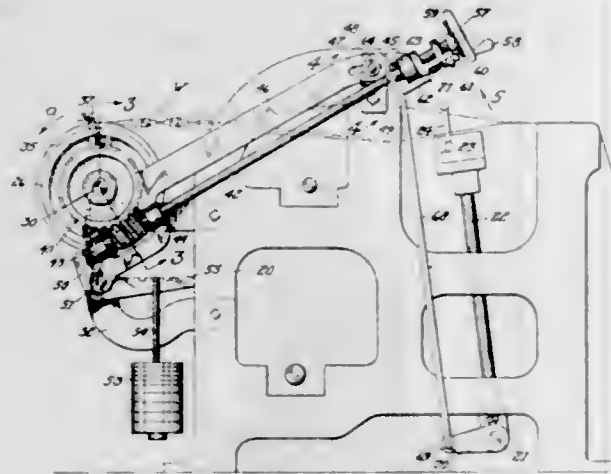
1. An electromagnetic switch of the character described comprising a housing having main and auxiliary contacts, a plunger having a toggle arm connection and adapted to be manually operated to close said main contacts, a plate carried by said plunger for closing said auxiliary contacts, said plate being movable with said plunger whereby said auxiliary contacts are opened before said main contacts can be closed, and a solenoid in said housing adapted to actuate said plunger to break said main contacts upon certain predetermined conditions.

1,643,416. WELDED RAILWAY CAR. WILLIAM N. OEHM and ELLIS W. TEST, Chicago, Ill., assignors to Pullman Car & Manufacturing Corporation, Chicago, Ill., a Corporation of Illinois. Filed July 9, 1926. Serial No. 121,369. 16 Claims. (Cl. 105-406.)



2. A welded railway car having a superstructure comprising a plurality of floor and side wall elements oppositely arranged in spaced parallel relation, and an intermediate subframing assembly framed with and welded to said superstructure.

1,643,417. LET-OFF MECHANISM FOR LOOMS. OSCAR V. PAYNE, Worcester, Mass., assignor to Crompton & Knowles Loom Works, Worcester, Mass., a Corporation of Massachusetts. Filed Jan. 3, 1927. Serial No. 158,534. 5 Claims. (Cl. 139-100.)

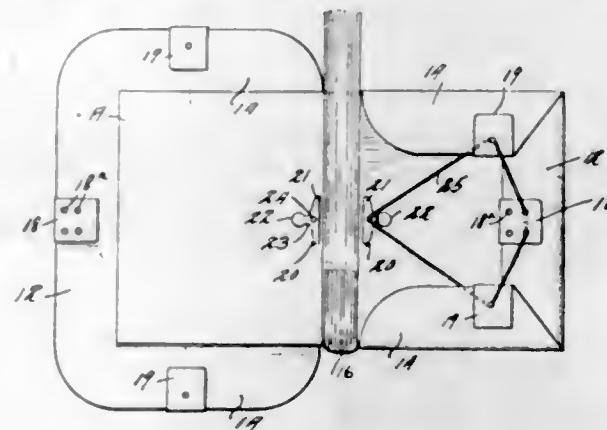


1. In a loom, a warp beam having a worm wheel thereon, a worm engaging said wheel, a forwardly extending shaft to which said worm is secured, bearings for said shaft in which said shaft is axially slidable, an automatic feeding device for said shaft, a tension lever engaging the rear end of said shaft and effective to move said shaft axially forward, thereby normally rendering said feeding device inoperative, and a handle at the front end of said shaft by which said shaft may be manually adjusted.

1,643,418. BOOK COVER OR PROTECTOR. RAY L. PEUGH, Oklahoma City, Okla. Filed Jan. 29, 1927. Serial No. 164,538. 3 Claims. (Cl. 281-34.)

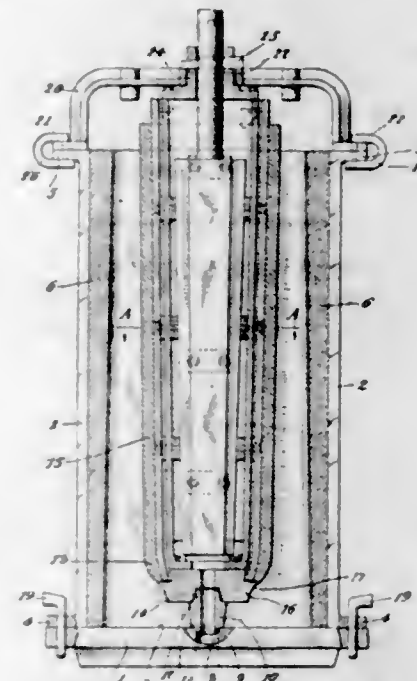
1. A book protector comprising a sheet of protective flexible material formed to provide a middle portion adapted to extend over the back of the book and two wings to extend over the covers of the books, the wings being formed at their upper, lower and outer margins with portions adapted to be turned inward over the inner faces of the covers, perforated reinforcements em-

bracing said inwardly turned margins at the middles thereof, a tab attached to the inner face of the book cover on each side of the book thereof, and an elastic band de-



tachably engaged with said reinforcements and said tab and holding the inwardly turned portions strained against the inner face of the book.

1,643,419. SET-UP AND CORE BAR FOR CASTING INGOT MOLDS. JOHN E. PERRY, Sharon, Pa., assignor to Valley Mould and Iron Corporation, Sharpsville, Pa., a Corporation of New York. Filed June 18, 1926. Serial No. 116,793. 14 Claims. (Cl. 22-140.)



1. A set-up for casting ingot molds comprising a sand walled flask, a stool having a chill face, a core having sand side walls and a chill foot below the side walls of the core, and means to support and center the core on the stool.

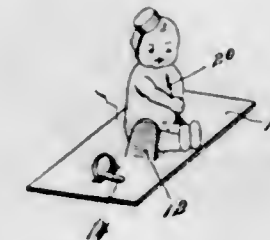
1,643,420. REAR-VIEW MIRROR FOR AUTOMOBILES. ENOS PORTER, Shelbyville, Ind. Filed Jan. 2, 1925. Serial No. 83. 3 Claims. (Cl. 88-1.)



1. A rear view mirror for vehicles comprising in a unitary structure a substantially flat reflecting surface and a concave reflecting surface at one end thereof, said

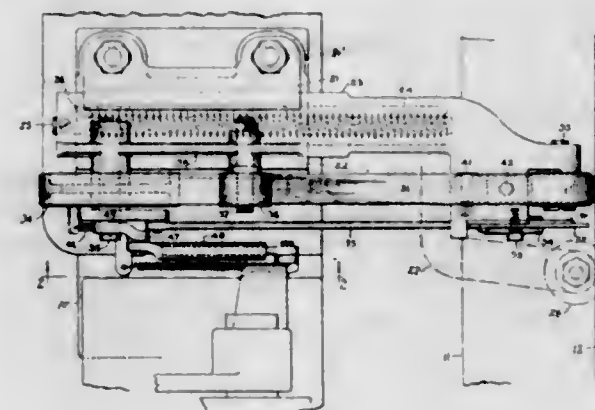
mirror being mounted on a front wall of the vehicle and in a position to give to the driver a view in said mirror of objects at the rear and side of said vehicle.

1,643,421. DISPLAY CARD. ALBERT J. ROWAN, Providence, R. I., assignor, by mesne assignments, to Uncas Manufacturing Company, Providence, R. I., a Corporation of Rhode Island. Filed Mar. 31, 1926. Serial No. 98,721. 1 Claim. (Cl. 211-34.)



In combination, a display card adapted to mount a figure device thereon having a pair of spaced tabs cut and raised from the stock leaving a cross bar between them, a spring clip having arms straddling said bar and extending through said tab openings and adapted to grip the figure between them and secure it to the face of the card, said tabs being arranged to hide the clip arms.

1,643,422. THREAD-CUTTING MECHANISM FOR LOOMS. ERPA H. RYON, Pasadena, Calif., assignor to Crompton & Knowles Loom Works, Worcester, Mass., a Corporation of Massachusetts. Original application filed Aug. 29, 1921, Serial No. 496,351. Divided and this application filed Jan. 24, 1925. Serial No. 4548. 5 Claims. (Cl. 139-264.)

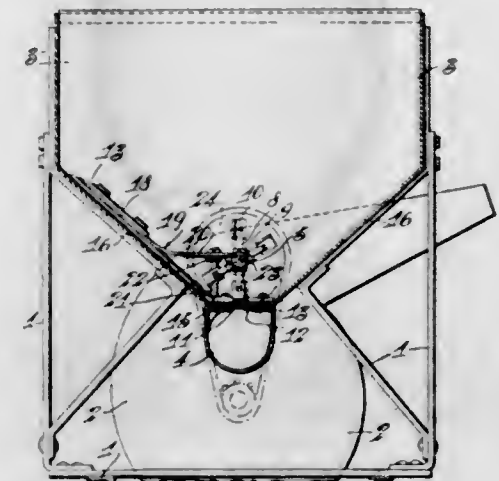


1. In a loom having weft replenishing mechanism, a slide mounted for movement relative to the replenishing mechanism, a thread cutter mounted on said slide, thread holding means including a continuous friction surface mounted entirely on said slide to engage and move the weft thread into cutting position and under continuous uniform tension in every position of said slide, and operating connections between said replenishing mechanism, said cutter and said holding means.

1,643,423. MATERIAL-DISPENSING MEANS FOR POISONING MACHINES. JOHN Q. SHUNK, Bucyrus, Ohio. Filed Mar. 24, 1927. Serial No. 178,104. 5 Claims. (Cl. 221-120.)

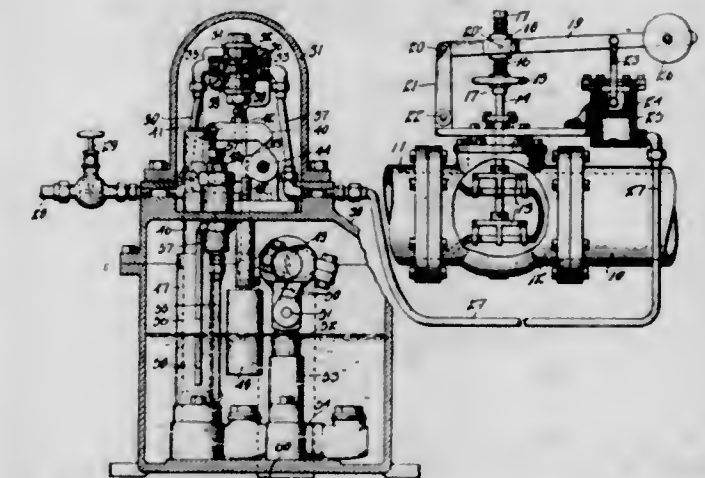
1. In apparatus of the class described, a hopper having a bottom provided with discharge openings, a rotatable agitator shaft within the hopper, said shaft having a

cam, a resilient bar secured at one end to the hopper wall and having its other end associated with said cam



whereby rotation of the shaft will cause said cam to trip said bar, and a tappet finger carried by said bar to impact the hopper.

1,643,424. SYSTEM OF CONTROL FOR MARINE ENGINES. EARL C. STAFFORD, Philadelphia, Pa. Filed Dec. 19, 1924. Serial No. 757,053. 6 Claims. (Cl. 137-159.)

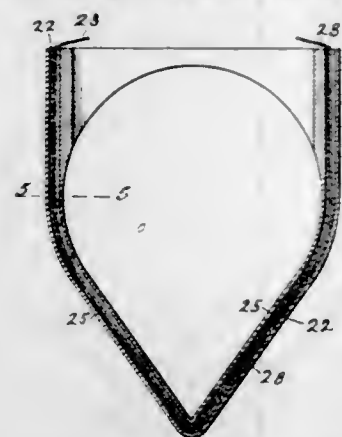


1. A system of control for marine engines including a steam pipe leading from the boiler to the engine, a valve in the pipe, means tending to close the valve including a gravity-operated piston, fluid-pressure means for restraining the action of the piston, a speed-responsive valve adapted when in one position to permit the flow of pressure-fluid to said piston and when in another position to permit fluid to exhaust therethrough from said piston, and a manually-operated valve also controlling the flow of said fluid, substantially as set forth.

1,643,425. ART OF FURNACE LINING. DAVID L. SUMMEY, Waterbury, Conn., assignor to Scovill Manufacturing Company, Waterbury, Conn., a Corporation of Connecticut. Filed Oct. 1, 1926. Serial No. 138,858. 7 Claims. (Cl. 25-156.)

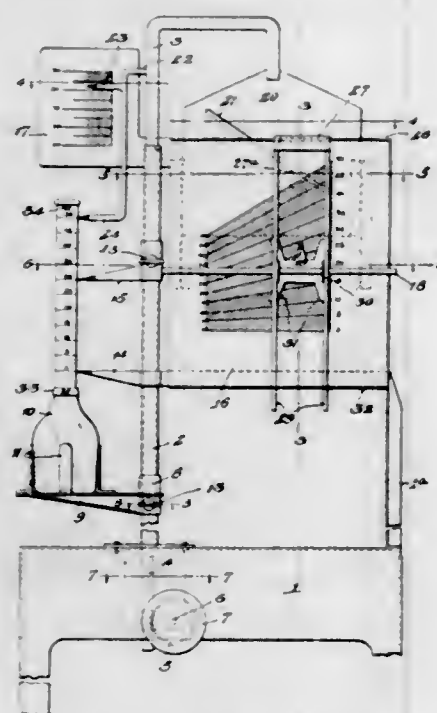
6. The method of making the refractory structure of an electric furnace having an interior channel, which comprises forming a pattern having the shape of the channel to be formed, tamping refractory material about

said pattern, causing a portion of said pattern, in a dividing strip running longitudinally around the body



thereof, to be destroyed, whereby the pattern is divided into two portions movable one toward the other, and destroying the remainder of the pattern.

1,643,426. BUTTER-FAT-READING MACHINE. DONALD W. SUTHERLAND, JR., Sioux Falls, S. Dak. Filed Dec. 16, 1924. Serial No. 756,217. 9 Claims. (Cl. 73-51.)



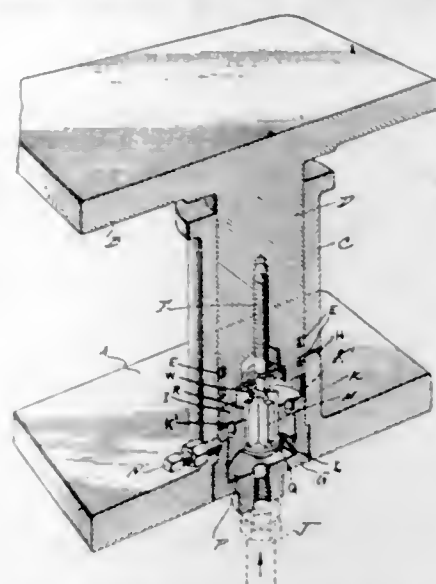
1. In a butter fat reading machine, a base, a tubular standard thereon, a test-bottle supporting platform adjustable on the standard, a fixed pointer on the latter, a vertically adjustable pointer on the standard, means to hold said pointer in its adjusted position, a reading chart supported by the fixed pointer and standard, and a reading pointer carried by said adjustable pointer and movable over said chart when the adjustable pointer is shifted vertically.

8. In a butter fat reading machine, a base, a tubular standard thereon, a test bottle supporting platform adjustable on the standard, a fixed pointer on the standard, a vertically adjustable pointer on the standard, a reading chart supported by said fixed pointer, a second pointer supported by the adjustable pointer and movable there-with over the chart in one direction and means to retain the pointers in their adjusted positions.

1,643,427. POPPET VALVE FOR AIR-JOLTED MOLDING MACHINES. HARRY B. SWAN and JAMES L. CRAWFORD, Detroit, Mich. Filed Oct. 26, 1921. Serial No. 510,642. 2 Claims. (Cl. 121-14.)

1. The combination of an upright cylinder provided with a laterally positioned outlet aperture, a weighted piston operating in the cylinder, a plug threaded into the lower end of the cylinder and having an air inlet and cap se-

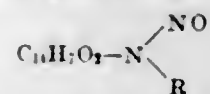
cured in the plug and having a valve seat and a valve member confined within the plug by the said cap and



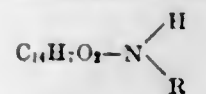
cooperating with the valve seat and arranged to be engaged and dislodged from its seat by the downward movement of the piston.

1,643,428. ANTHRAQUINONE-NITROSAMINE COMPOUND. HEINRICH TESCHE and ALBERT JOB, Elberfeld, near Cologne, Germany, assignors to Grasselli Dye-stuff Corporation, New York, N. Y., a Corporation of Delaware. Filed Oct. 12, 1925. Serial No. 62,155, and in Germany Oct. 24, 1924. 11 Claims. (Cl. 260-60.)

1. The process of producing an anthraquinonenitrosamine compound of the general formula

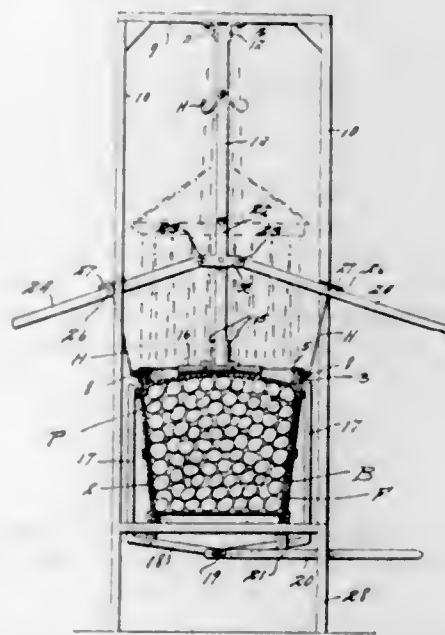


In which R is an alkyl, aralkyl or aryl radicle, which comprises reacting with a nitrous acid compound, at a temperature below about 40° C., upon an N-substituted aminoanthraquinone compound of the general formula



In which R is an alkyl, aralkyl or aryl radicle.

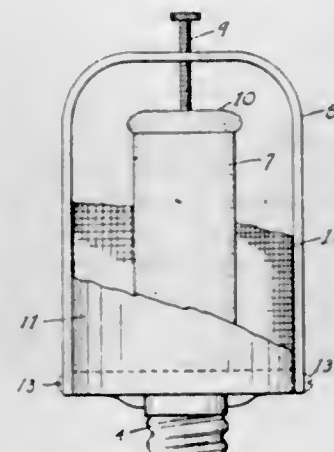
1,643,429. APPARATUS FOR USE IN PACKING FRUIT AND THE LIKE. GEORGE H. THORNTON, Patterson, Ill. Filed Oct. 23, 1926. Serial No. 143,658. 8 Claims. (Cl. 226-17.)



1. In combination with a shell-like member for holding the content placed within a container with the member,

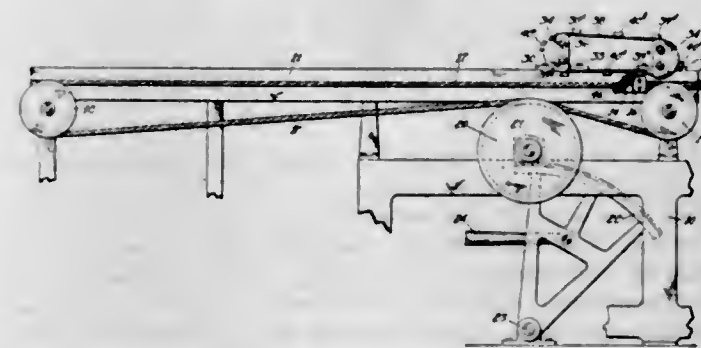
and means engageable with the member for withdrawing the member from the container after said member and its content has been placed within the container.

1,643,430. THERAPEUTIC LAMP. ROY N. TUTTLE, Battle Creek, Mich., assignor to Sanitarium & Hospital Equipment Company, Battle Creek, Mich. Filed Nov. 27, 1926. Serial No. 151,158. 8 Claims. (Cl. 174-177.)



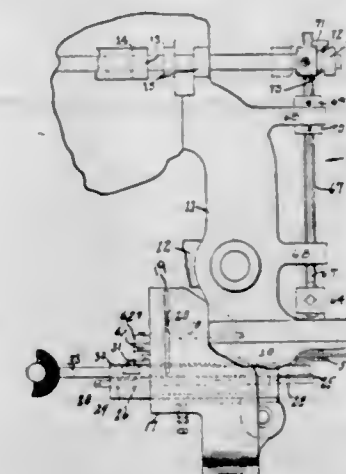
1. In a device of the class described, the combination of a base having a central shouldered opening therein, a yoke-like frame carried by said base, a socket plug seated on the shoulder in said opening of said base, a core on said plug having a resistance coil thereon, a tube disposed over said core with its lower end within said base opening and seated on said socket plug, a cap of lava recessed to receive the upper edge of said tube, a screw threaded into said frame to engage said cap, a cylindrically curved segmental reflector mounted to embrace the edge of said base, and a segmental curved foraminated guard mounted to embrace the opposite side of said base, the edges of said reflector and guard being overlapped within and clamped to said base by said frame, said frame constituting a support for said reflector and guard.

1,643,431. DEVICE TO CHECK NEEDLE MOTION OF AXMINSTER LOOMS. KENNETH J. UNWIN, Shrewsbury, and WALTER H. WAKEFIELD, Worcester, Mass., assignors to Crompton & Knowles Loom Works, Worcester, Mass., a Corporation of Massachusetts. Filed Dec. 1, 1925. Serial No. 72,585. 11 Claims. (Cl. 139-123.)



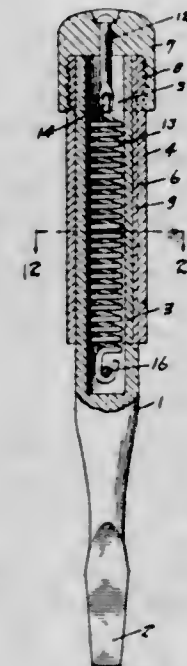
1. In a needle motion for Axminster looms, a needle having yarn inserting and withdrawing movements, a dog moving with the needle, and a friction element positioned adjacent the path of travel of the needle provided with a set of abutments to be operated successively by direct contact with the dog.

1,643,432. WEFT DETECTOR FOR BOX LOOMS. WALTER H. WAKEFIELD, Worcester, Mass., assignor to Crompton & Knowles Loom Works, Worcester, Mass., a Corporation of Massachusetts. Filed Jan. 2, 1925. Serial No. 26. 7 Claims. (Cl. 139-284.)



2. In a multi-color weft replenishing mechanism for a loom having shifting shuttle boxes and a color slide moving in timed relation with the shuttle boxes of the loom, two detectors capable of assuming varying relative positions, an eccentric operatively connected with one of said detectors, and a connection between the color slide and the eccentric to move said eccentric and detector operatively connected therewith in timed relation with the color slide and relatively to the other detector.

1,643,433. COMBINATION SCREW DRIVER AND STARTER. EDMUND WALKER, Willows, Calif. Filed Mar. 2, 1927. Serial No. 172,089. 4 Claims. (Cl. 145-1.)

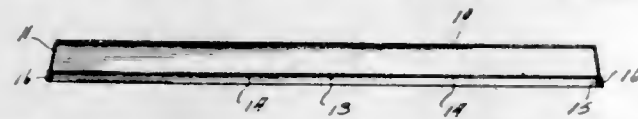


1. A combination screw driver and starter comprising a screw driver, a cap slidable thereon, and resilient means urging the cap to seat on the screw driver for delivering a blow thereto when the cap is released from a retracted position.

1,643,434. HEATER FOR GAS AND OIL STOVES. MATTHIAS J. WALTHER, Lakewood, Ohio. Filed Feb. 13, 1926. Serial No. 88,056. 1 Claim. (Cl. 126-215.)

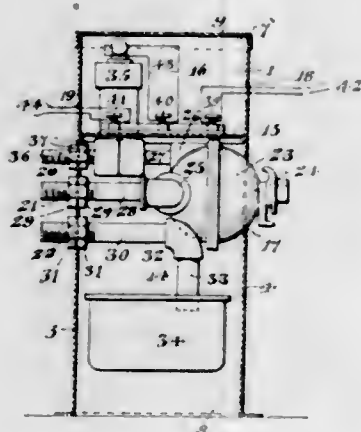
A heater for gas and oil stoves comprising a sheet metal plate having at its side edges downwardly and outwardly inclining flanges, said flanges being connected at adjacent ends thereof by folded seams, a second plate of

slightly greater size than the first named plate arranged below the first named plate and extending between the lower ends of the flanges thereof, said second named plate having flanges similar to the flanges of the first named plate, the lower edges of the flanges of the last named plate being reverted against the outer faces of the flanges of the first named plate whereby the flanges of



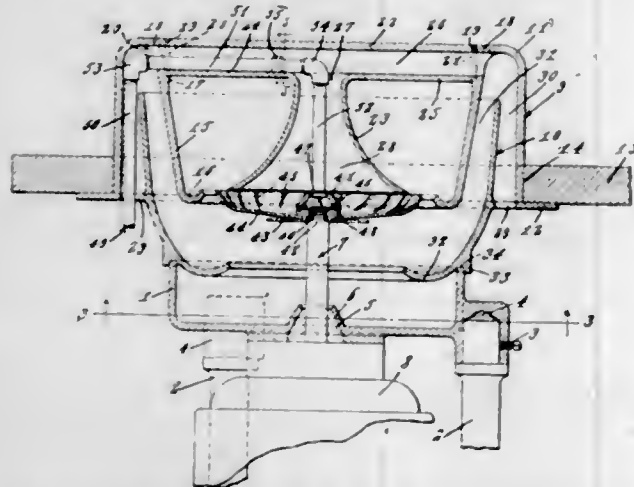
the last named plate have portions abutting the inner and outer flanges of the portions of the flanges of the last named plate to provide a seam, the metal at the seam being displaced transversely of the seam to thereby prevent relative displacement of the first and last named plates, the last named plate having openings for alignment with the burner of a stove.

1,643,435. CONTROLLING UNIT FOR OIL BURNERS. THOMAS B. ALLARDICE, Mountain Lakes, N. J. Filed Sept. 17, 1926. Serial No. 136,140. 8 Claims. (Cl. 137-78.)



1. A controlling unit for the purpose set forth comprising an electrically operated oil feed controlling valve, a terminal block, a manually operated oil supply regulating valve arranged in proximity to said block, positioned below, spaced from and rearwardly of the controlling valve, an oil supply connection opening into the inner side of said regulating valve, an oil feed line connection extended from said regulating valve at the top thereof, intersected by said controlling valve and positioned above said supply connection, and a housing common to said valves and having one side common to and providing means for supporting said pipe connections.

1,643,436. OIL BURNER. THOMAS B. ALLARDICE, Mountain Lakes, N. J. Filed Nov. 27, 1926. Serial No. 151,121. 14 Claims. (Cl. 158-77.)



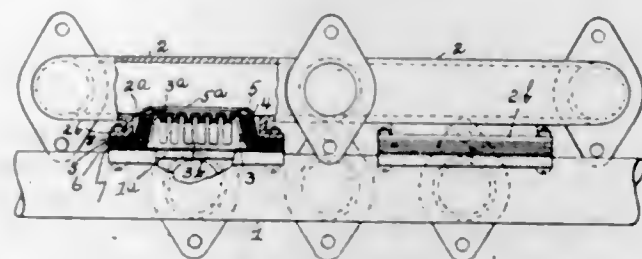
1. An oil burner comprising an air receiving chamber, a pair of air pre-heating chambers communicating with said air receiving chamber, one of said air pre-heating

chambers arranged within the other and of bell-shaped contour, a rotary impeller for vaporizing oil arranged below and in close proximity to the lower end of said bell-shaped chamber, a distributor head rotating with said impeller and provided with ports for distributing oil in jet like form upon the impeller, said impeller receiving pre-heated air from said bell-shaped chamber to facilitate the vaporizing of the oil, and means to provide for the passage of pre-heated air from the other of said air heating chambers to admix with the oil vapor and air on the discharge of the same from the impeller for combustion.

1,643,437. FABRIC CEMENT. NICHOLAS C. AMEN, Kansas City, Mo., assignor to Howard H. Randolph, Kansas City, Mo. Filed July 10, 1924. Serial No. 725,220. 2 Claims. (Cl. 87-17.)

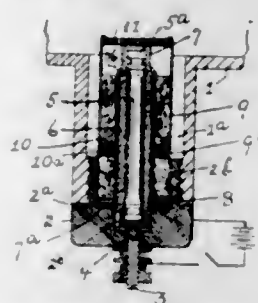
1. A fabric cement consisting of 18% nitrocellulose, 45% benzol, 37% methyl acetone and a small amount of butyl acetate.

1,643,438. HEATER OR FUMER. IRVING E. ASKE, Duluth, Minn. Filed Feb. 3, 1926. Serial No. 85,757. 11 Claims. (Cl. 219-38.)



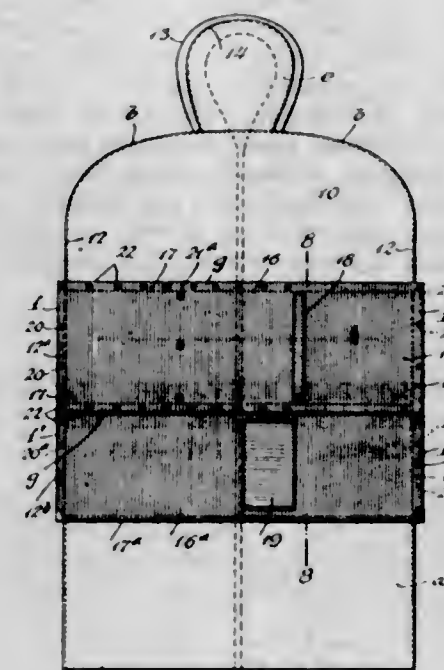
1. The combination of a cell open at one side and closed on five sides, of an absorbent element surrounding said cell on four of the closed sides, and a hood for said cell and element, said hood being open on one of its sides for the extension of said cell into said hood, said hood having an intake port formed in one of its sides for admitting liquid to said absorbent element, said hood having an exhaust port formed therein.

1,643,439. HEATER OR FUMER. LEONARD E. ASKE, Duluth, Minn. Filed Feb. 13, 1926. Serial No. 88,155. 9 Claims. (Cl. 219-38.)



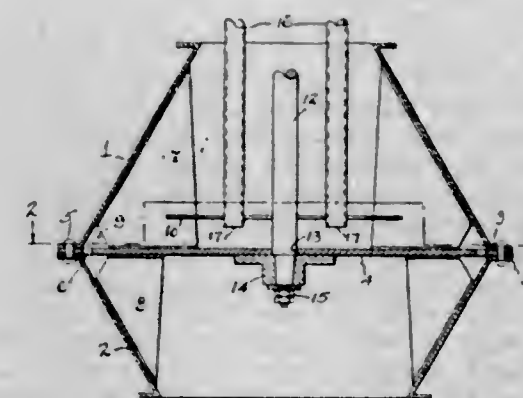
1. In an electric heater or fumer, the combination of an electric resistance element, a close fitting sleeve of refractory material surrounding said element intermediate of its ends, a close fitting metallic jacket encircling the sides of said sleeve and extending over the upper end of said resistance element, an exterior metallic sleeve encircling the sides of said jacket and spaced therefrom, means for tightly closing the space between the lower ends of said exterior sleeve and said jacket to form a fluid tight bottom for said space, a refractory absorbing element positioned above said bottom in the space between said exterior sleeve and said jacket, and an electric binding post electrically connected to the lower end of said resistance element, said exterior sleeve having an intake port formed therein for admitting fluid to said absorbing element.

1,643,440. HAND BAG. MARY BALDWIN, Jackson Heights, N. Y., assignor of one-half to Fritz Ziegler, Jr., New York, N. Y. Filed Nov. 16, 1926. Serial No. 148,642. 4 Claims. (Cl. 2-84.)



1. In a combination hand-bag and garment of the cape type, the combination of side flaps extending lengthwise along opposite sides of the garment, transverse flaps extending transversely of the garment in spaced parallel relation, and cooperating fastening devices on each of said transverse flaps whereby the parts of each flap may be detachably connected with each other to form the handbag.

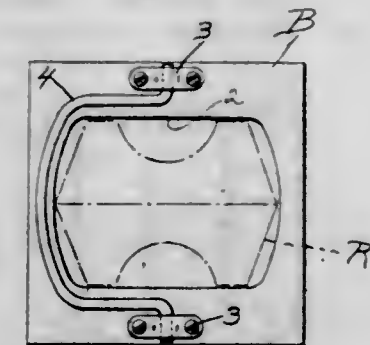
1,643,441. CENTRIFUGAL-SEPARATOR BASKET. WALTER J. BLANCHARD, Cleveland, Ohio. Filed June 1, 1925. Serial No. 34,004. 3 Claims. (Cl. 233-32.)



1. A centrifugal separator basket for use with a separator using the principle of balanced columns, of a shape formed by attaching two open-ended cone-shaped members together along their largest diameter, a separator plate mounted at the junction of such members and having apertures allowing communication between said members, a series of vertical vanes in said members attached to the walls thereof, one of said members having its free end of less diameter than the other member, and a baffle ring mounted parallel to said separator plate and on the side of the member having the opening of lesser diameter, said baffle ring extending into the body of the material being separated, and means for feeding material to be separated to said separator plate.

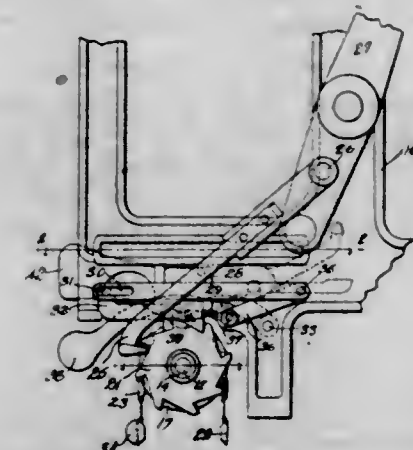
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1,643,442. ROCK-BIT BREAKER. HERMAN BRAUER and LON H. CRON, Garber, Okla. Filed Feb. 6, 1926. Serial No. 86,647. 1 Claim. (Cl. 235-35.)



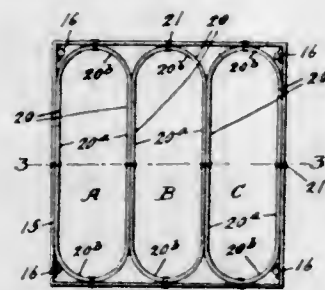
In a rock bit breaker a bushing consisting of a body which is square in plan and provided at its center with an elongated opening, the end walls of which are arcuately curved and the side walls of which are parallel, a ball member pivoted at its ends upon the face of the body at points upon a line disposed transversely across said opening and at a point midway between the ends thereof, the intermediate portion of the ball being spaced from the end portions thereof for a distance greater than one-half of the length of the opening and less than one half of the length of the side of the body whereby the ball may be swung toward either end of the opening and its intermediate portion will lie within the sides of the body and beyond the adjacent curved end of the opening.

1,643,443. LOOM DOBBY. CHARLES E. BUCKLEY, New Bedford, Mass., assignor to Crompton & Knowles Loom Works, Worcester, Mass., a Corporation of Massachusetts. Filed Apr. 27, 1923. Serial No. 635,116. 4 Claims. (Cl. 139-323.)



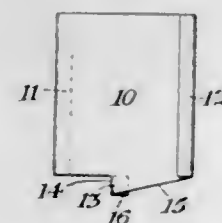
1. In a loom dobby, a main cylinder and an auxiliary pattern cylinder rotatable about the same axis, a separate dobby pattern chain on each cylinder, means to regularly advance the main cylinder and chain, additional driving mechanism for periodically advancing said auxiliary cylinder and chain, and devices controlled by said main cylinder effective to render said additional driving mechanism operative, said mechanism comprising a ratchet and a normally inoperative feed pawl for said auxiliary cylinder, and said devices comprising a lever, a pattern chain on said main cylinder effective to move said lever, and connections between said lever and said pawl through which said lever may render said pawl operative.

1,643,444. MULTIPOLE-ELECTRIC-SWITCH CASING. GEORGE A. BURNHAM, Saugus, Mass., assignor, by mesne assignments, to Condit Electrical Manufacturing Corporation, Boston, Mass., a Corporation of Massachusetts. Filed Aug. 16, 1921. Serial No. 492,809. 10 Claims. (Cl. 200—150.)



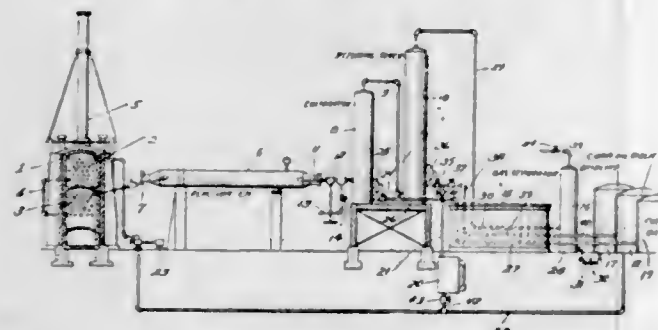
7. An oil receptacle for an electric switch having its opposite side walls tied in internally below the oil level in the horizontal plane of the arc and at one side of the arc and conductor zones.

1,643,445. METALLIC SHINGLE. BENJAMIN GEORGE CALL, Tacoma, Wash., assignor to American Smelting and Refining Company, New York, N. Y., a Corporation of New Jersey. Filed Sept. 30, 1925. Serial No. 59,492. 8 Claims. (Cl. 108—17.)



1. A shingle comprising a body, a first hooking portion on one edge above said body, a second hooking portion on an opposite edge beneath said body, a third hooking portion on an edge joining said opposite edges beneath said body, said first hooking portion opening in a direction opposite to said second and third hooking portions.

1,643,446. PROCESS FOR TREATING PETROLEUM HYDROCARBONS. WALTER M. CROSS, Kansas City, Mo., assignor to Gasoline Products Company, New York, N. Y., a Corporation of New York. Filed Aug. 13, 1924. Serial No. 731,749. 1 Claim. (Cl. 196—51.)

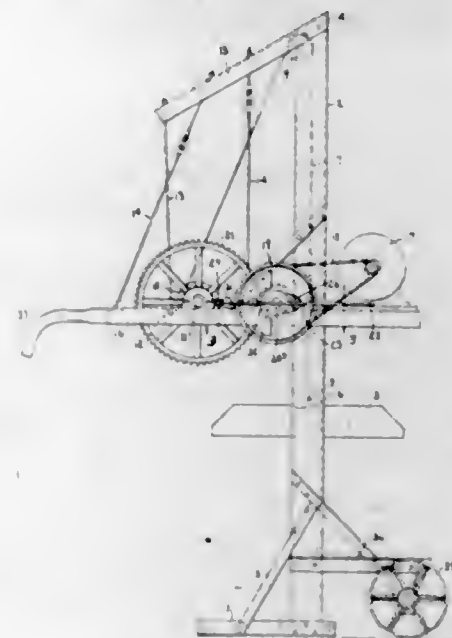


A process for treating petroleum hydrocarbons comprising raising the oil to a cracking temperature in a heating stage, collecting all the oil to be treated in a reaction stage while maintaining temperature and pressure conditions adapted to effect conversion while the oil is substantially in the liquid phase, withdrawing all the conversion products from the reaction stage in a relatively small stream, releasing the pressure on the stream and injecting steam into the flowing stream, admitting the mixture of oil and steam to an enlarged zone maintained at reduced pressure to distill off the lighter fractions of the converted products.

1,643,447. PROCESS OF MANUFACTURING CONDENSATION PRODUCTS FROM PHENOLS AND FORMALDEHYDES. EDOUARD JEAN PAUL CLAUDE DE JARNY, Bry-sur-Marne, France. Filed Apr. 6, 1926. Serial No. 100,180, and in France Apr. 16, 1925. 1 Claim. (Cl. 260—4.)

A process for manufacturing condensation products from phenols and formaldehyde in the presence of alkaline-earth chlorides acting as catalyzing agents, said process being characterized by the fact that the phenols, together with formaldehyde, are heated while using a quantity of catalyzing agent exceeding 15% of the formaldehyde solution employed, until there are formed masses plastic, cold-kneadable and soluble in acetone and in alcohol, said solubility decreasing in direct ratio as the reaction proceeds without the kneadability being substantially affected.

1,643,448. PORTABLE ELEVATOR. JACON DOELCHER, Hillsdale, Mich. Filed Apr. 23, 1924. Serial No. 708,366. 5 Claims. (Cl. 187—11.)

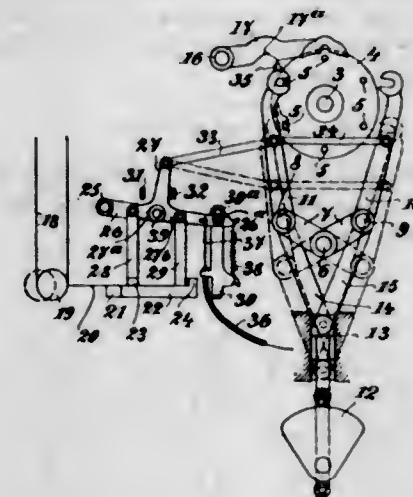


5. In a portable elevator, the combination of a base; two spaced, vertical standards on said base; a platform vertically movable between and guided by said standards; a frame projecting laterally from said standards; a transverse shaft journaled on said frame near its outer edge; cables and cable-winding mechanism connecting said shaft and platform for raising and lowering the latter; mechanism adjacent one side of said frame for operating said shaft, said mechanism including a motor, an intermediate shaft geared to said first-named shaft, a loose-running clutch member on said intermediate shaft geared to said motor, a cooperative clutch member keyed to said shaft, a lever operatively connected with said second clutch member, a tension spring connected with said lever and normally tending, through said lever, to retain said second clutch member out of engagement with said first clutch member, and a brake shoe for said second clutch member connected with said lever so as to be pressed against said member by the action of said spring.

1,643,449. JACQUARD MECHANISM FOR EMBROIDERING MACHINES. MAX HADAM, Chemnitz, Germany, assignor to Maschlenfabrik Kappel A.-G., Chemnitz-Kappel, Germany. Filed May 15, 1925. Serial No. 30,580, and in Germany July 9, 1924. 6 Claims. (Cl. 112—86.)

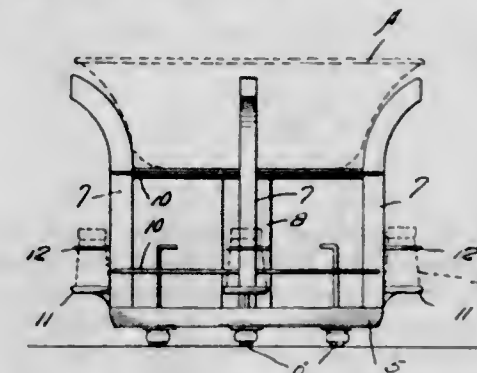
1. In a lace machine wherein the motions of needles actuated by jacquard card mechanism are transmitted to planet wheel carriers co-acting with planet gear to actuate the embroidery frame, means for operating each

planet wheel carrier, comprising a pair of pawl levers, members on the planet wheel carrier adapted to be engaged by one or other of the said pawl levers, means for moving one or other of said pawl levers into engag-



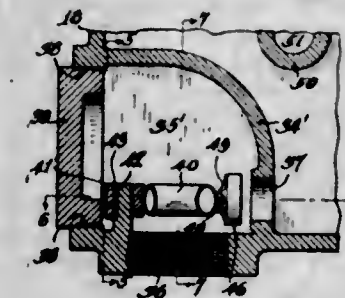
ing position, a stop-lever and means for disengaging the stop-lever from the planet wheel carrier when the selected pawl lever is brought into engagement with one of the engaging members of the planet wheel carrier.

1,643,450. DISH STAND. ERNEST HELOIAN, Highland Park, Mich. Filed Oct. 7, 1926. Serial No. 140,108. 1 Claim. (Cl. 65—61.)



In a stand of the character described, a base plate, vertical legs extending from the edge of the base plate at spaced points thereon, cross bars interconnecting the legs adjacent the upper ends thereof and provided for supporting a receptacle between the upper ends of said legs, and spaced concentric wire rings interconnecting all of the legs at spaced vertical points, and between which knives or forks or the like may be supported, said upper ends of the legs being curved outwardly and upwardly.

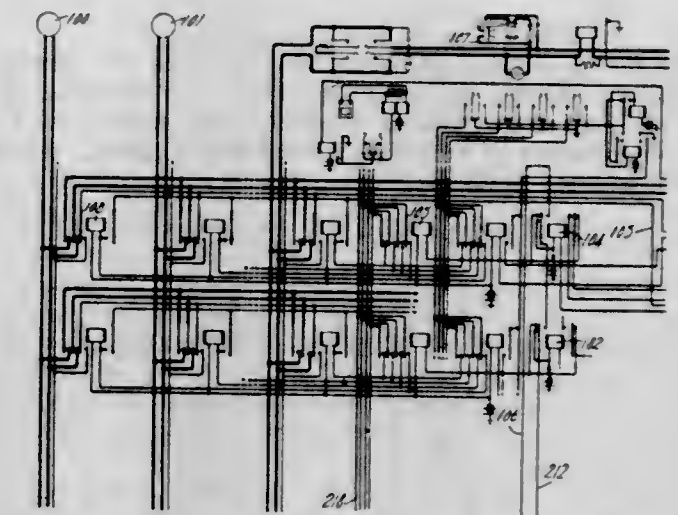
1,643,451. INTERIOR VALVE FOR RADIATORS. CHARLES D. HICKMAN, Philadelphia, Pa. Filed Feb. 23, 1924. Serial No. 694,457. 11 Claims. (Cl. 236—56.)



1. In a radiator, a radiator section having an outlet, walls about the outlet forming a compartment and having a valve-seated opening between the compartment and the

interior of the radiator section, and a thermostatic valve mounted within the compartment to close against and open from the valve seat.

1,643,452. TELEPHONE SYSTEM. EDWARD E. HUN-RICHSEN, New York, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed July 26, 1923. Serial No. 653,833. 10 Claims. (Cl. 179—27.)



1. In a telephone system, subscribers' lines, a link circuit, impulse sending means for operating said link circuit for interconnecting said lines, a busy test arrangement comprising a fast operating relay and a slow operating relay, circuits completed for both said relays when said link circuit is extended to a busy line, and means controlled by the energization of said fast operating relay for rendering the circuit of said slow operating relay ineffective so as to prevent the operation of said slow relay.

8. In a telephone system, a plurality of counting relays, means responsive to a train of a definite number of impulses for energizing a particular one of said counting relays, and means responsive to a train of one impulse followed by a train of said definite number of impulses for energizing said particular one of said counting relays.

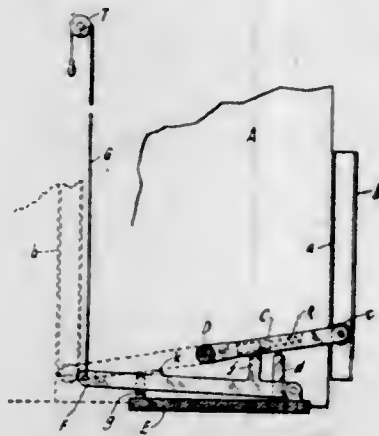
1,643,453. X-RAY TUBE. GILLES HOLST, Eindhoven, Netherlands, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Filed Aug. 25, 1925. Serial No. 52,399, and in the Netherlands Nov. 20, 1924. 3 Claims. (Cl. 250—35.)



1. An incandescent cathode X-ray tube in which the incandescent cathode is arranged within a metal vessel the wall of which wholly or partly forms the outer wall

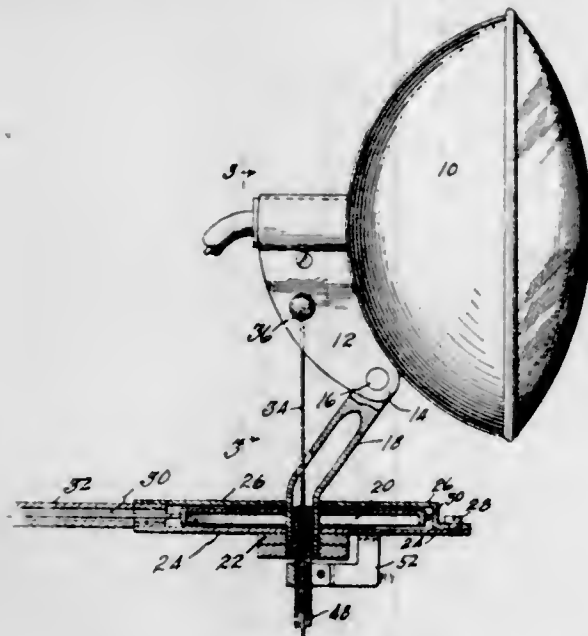
of the tube and from which the anticathode is separated by an insulation capable of realisting the operating voltage to be supplied between the incandescent cathode and the anticathode and in which the metal vessel adjacent the anticathode is narrowed to an aperture for the passage of the cathode rays, that part of the surface of the anticathode which is struck by the cathode rays being located in or near the said aperture characterized in that the aperture in the metal vessel for the passage of the cathode rays is regulable.

1,643,454. CAR-DOOR OPERATION. LEE P. HYNES, Albany, N. Y., assignor, by mesne assignments, to Consolidated Car-Heating Company, Inc., Albany, N. Y., a Corporation of New York. Filed May 1, 1925. Serial No. 27,268. 9 Claims. (Cl. 268-53.)



1. A door operating mechanism comprising an electric motor, a door arm operated thereby and a manual clutch interposed between the door arm and said motor, said door arm being set to assume an angle with its free end below the horizontal when the door is closed so as to hold the door locked while the motor is unclutched and to assume an angle above the horizontal when the door is open.

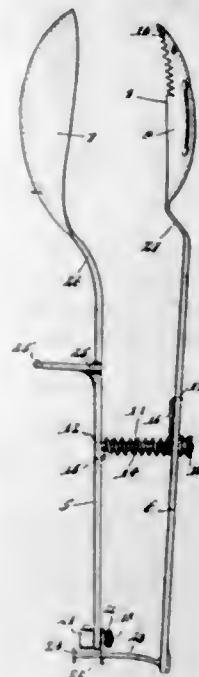
1,643,455. LIGHT SUPPORT. EDMUND J. JAKUBIAK, Detroit, Mich. Filed Aug. 30, 1926. Serial No. 132,457. 6 Claims. (Cl. 240-61.)



1. In a light supported for substantially universally adjustable movement over a given range, a light casing, a support therefor comprising a disk mounted within a casing upon one face for rotation counter the frictional resistance thereof, a casing about said disk having a part

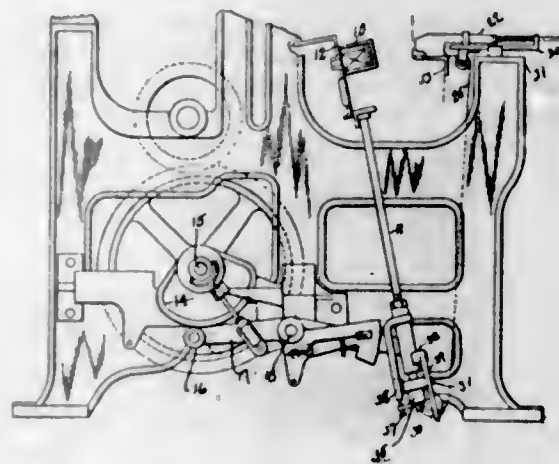
supporting said disk for rotation thereover, said disk provided with an axial extension, said light casing pivotally supported upon said extension, a cable wound about said disk to rotate the same in either direction, counter the frictional resistance of the face upon which it is supported, a second cable extending axially through said disk to the light casing to swing the same independently of its support upon the disk.

1,643,456. SERVING IMPLEMENT. SAMUEL W. JAMES, Chicago, Ill. Filed July 1, 1926. Serial No. 119,873. 7 Claims. (Cl. 294-1.)



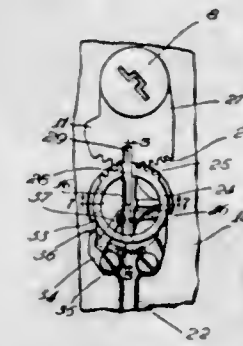
1. A serving implement comprising a pair of handles with cooperating food holding means on corresponding ends thereof; connections adjustably connecting said handles at a point intermediate their lengths and at the free ends thereof; and means associated with one of said connections for normally adjusting one of the handles laterally at an angle to the other, substantially as described.

1,643,457. THREAD CUTTER FOR LOOMS. VICTOR H. JENNINGS and HERBERT H. WATSON, Worcester, Mass., assignors to Crompton & Knowles Loom Works, Worcester, Mass., a Corporation of Massachusetts. Filed Dec. 26, 1924. Serial No. 758,010. 7 Claims. (Cl. 139-263.)



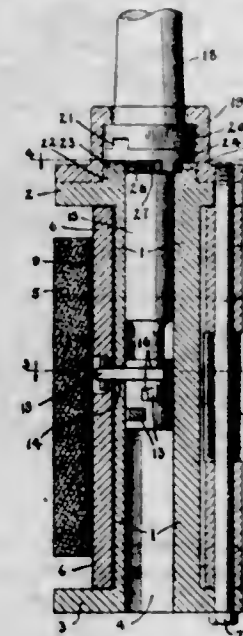
1. In a loom, a thread cutter having a cutting blade with two cutting edges, and means to give said blade successive cutting movements in opposite directions.

1,643,458. COIN-CONTROLLED LOCK. HARVEY L. JOHNSON, Chicago, Ill., assignor to American Locker Company, Chicago, Ill., a Corporation of Delaware. Filed July 19, 1923. Serial No. 652,472. 13 Claims. (Cl. 194-54.)



12. In a coin controlled lock, the combination of a key cylinder, a rotatable barrel, geared to said cylinder, a stationary coin receiver, barrel locking means rendered inoperative by the presence of a coin in said receiver, and coin retaining means rendered inoperative by movement of the barrel.

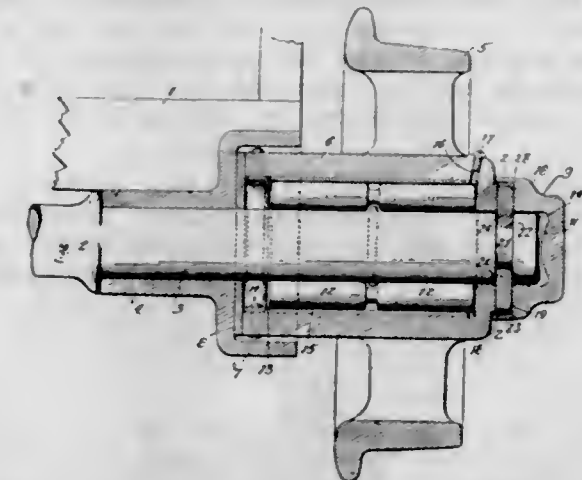
1,643,459. CYLINDER-HONING DEVICE. WILLIAM JOHNSON, Muskegon Heights, Mich. Filed Dec. 26, 1924. Serial No. 758,073. 7 Claims. (Cl. 51-206.)



1. A honing device comprising, a rotatable body member having an axial opening, a crank shaft located in said opening, a plurality of abrasive members pivotally mounted upon the body member and adapted to swing outwardly therefrom, springs to swing the abrasive members outwardly, a connecting rod extending from the inner side of each abrasive member and each attached at its inner end to said crank shaft, whereby the abrasive members are caused to swing in unison, the inner portions of said connecting rods adapted to swing across the center of the crank shaft when the abrasive members are fully retracted whereby the abrasive members are locked in retracted position, and common means for rotating the body member and the crank shaft, said rotating means being adapted to rotate the crank shaft a portion of a revolution before the body member is rotated.

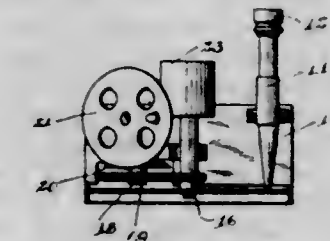
7. A honing device comprising, a rotatable body member, a plurality of abrasive members pivotally mounted upon the body members and adapted to swing outwardly therefrom, springs to swing the abrasive member outwardly, means for causing the abrasive members to swing in unison, means for locking the abrasive members in retracted position against action of said springs, driving means for rotating the body member and associated with said locking means, and means for unlocking the abrasive members from retracted position upon rotation of the body member by said driving means.

1,643,460. WHEEL. GEORGE E. JONES, Sr., Knoxville, Tenn. Filed July 16, 1925. Serial No. 44,047. 4 Claims. (Cl. 295-47.)



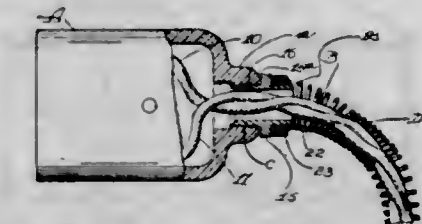
1. The combination with an axle having a recess therein, of a wheel adapted to be rotatably received upon the axle and having a recess in the hub thereof, a key received in the recess of the hub and engageable in the recess of the axle for the preventing longitudinal movement of the wheel relative to the axle, a band encircling the hub over the recess therein for retaining the key in the recess, and means carried by the hub and engageable with the band for preventing rotation of the band relative to the hub.

1,643,461. GROUND SPEED INDICATOR. ROBERT KAUCH and CHARLES L. PAULUS, Dayton, Ohio. Filed July 17, 1924. Serial No. 726,551. 19 Claims. (Cl. 88-1.)



1. In a ground speed indicator, a sight for causing the ground to appear as a blur, a member driven at a fast rate of speed having openings therein through which intermittent glimpses of the ground blur are seen through said sight, the openings in said member causing it in moving to appear as a blur, means for varying the speed of said driven member to bring said blurs to synchronism and means to measure the speed of said driven member.

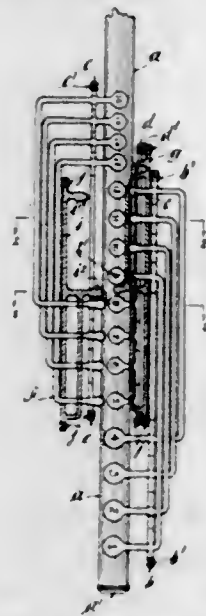
1,643,462. TERMINAL PLUG AND SHEATH FOR ELECTRIC CABLES. HENRY KOCUREK, Chicago, Ill., assignor to Chicago Flexible Shaft Company, Chicago, Ill., a Corporation of Illinois. Filed Oct. 22, 1926. Serial No. 143,486. 1 Claim. (Cl. 173-269.)



In a device for the purpose stated, in combination with the plug body a bushing adapted at one end for securement to said body, a protruding end portion being exteriorly threaded; a coiled wire sheath for an electric conducting cable having its coils successively increasing in diameter so as to render the sheath taperingly enlarged toward one end and having the extreme end portion following said taperingly enlarged part coiled close

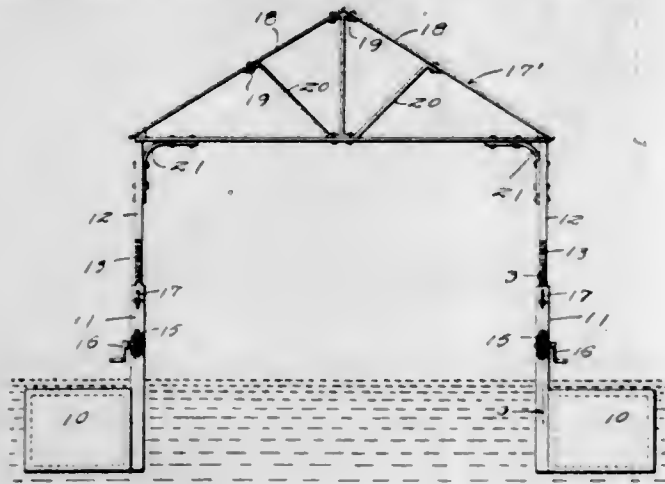
and of uniform diameter, the exterior thread of the bushing being conformed to said close-coiled uniform diametered end portion of the sheath for receiving the latter as a female thread, and nut diametered for passing over the coiled sheath from the smaller end of the tapered part and threaded for screw engagement with an outside of the uniform diametered close-coiled end portion of the sheath inside which the bushing is screwed.

1,643,463. WOOD WIND AND LIKE MUSICAL INSTRUMENT. JOHN WILLIAM McAVOY, Bangor, North Wales. Filed Feb. 17, 1926, Serial No. 88,896, and in Great Britain Apr. 3, 1925. 6 Claims. (Cl. 84-384.)



6. In a wood-wind or like musical instrument, having a wind channel provided with tone holes, the combination with the channel of levers adapted for the independent closing of the tone holes a spring for the pad lever of each hole included in a consecutive series of tone-holes commencing with that nearest the mouth-hole, a multiple closing lever, a spring to normally keep said lever in action and said lever being adapted to operate directly a plurality of the individual control levers to close a series of consecutive holes commencing at the same hole with the first named series, one or more further multiple closing levers, spring means to keep said levers normally out of action for the similar closing of the remaining holes of the first named series, finger contacts for said multiple closing levers, and means pivoted on the channel to prevent the depression of the first named multiple lever at the same time with either of the other multiple closing levers, substantially as described.

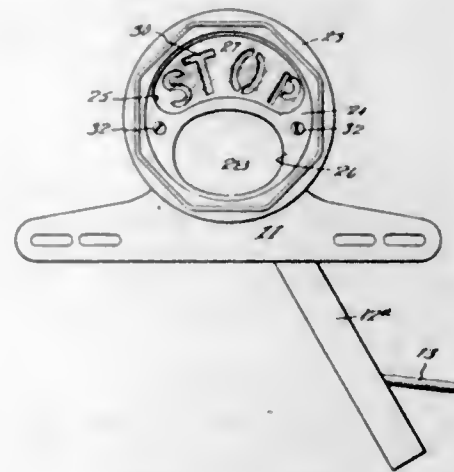
1,643,464. DOCK. EDGAR WARREN McCULLERS, Clayton, N. C. Filed June 12, 1926, Serial No. 115,572. Renewed Aug. 15, 1927. 4 Claims. (Cl. 114-0.5.)



1. In a floating dock, spaced floats each provided at each end thereof with a vertically directed tube, a sup-

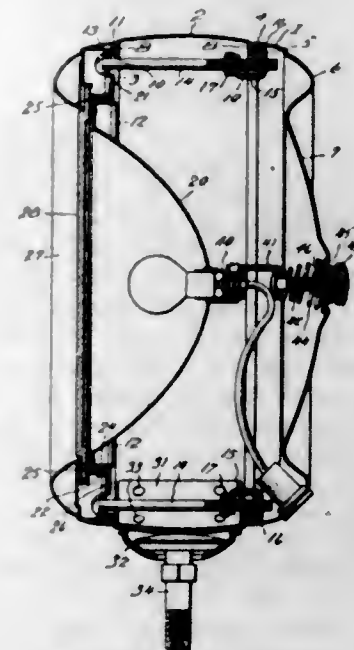
port vertically adjustable within the tube, means for holding the support in vertically adjusted positions and a roof structure secured to the upper ends of the supports.

1,643,465. STOP SIGNAL FOR AUTOMOBILES. CLARENCE A. MICHEL, Cleveland, Ohio, assignor to The Guide Motor Lamp Company, Cleveland, Ohio, a Corporation of Ohio. Filed Oct. 16, 1922. Serial No. 594,703. 2 Claims. (Cl. 177-329.)



1. In a device of the kind described, the combination with a casing, of guides upon the interior thereof, the outer ends of which are turned laterally and inwardly and having apertures therein, a partition arranged within said guides and dividing the casing into two compartments, sockets supported by said partition, a ring frame and glasses arranged therein and means for securing said ring frame to the outer ends of said guides together with means for supporting the casing.

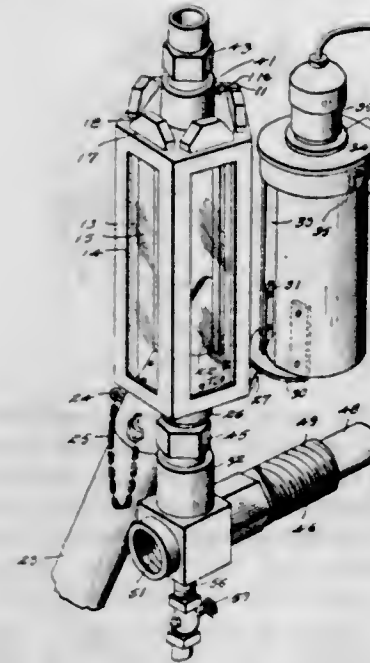
1,643,466. HEADLIGHT. CLARENCE A. MICHEL, Cleveland, Ohio, assignor to The Guide Motor Lamp Manufacturing Company, Cleveland, Ohio, a Corporation of Ohio. Filed Aug. 22, 1924. Serial No. 733,511. 2 Claims. (Cl. 240-41.)



1. A headlight casing of the class described comprising a central section, a forward section, and a rear section, said central section having each of its peripheral edges shaped to provide a collar at the front and rear side thereof, said front section having its peripheral edge shaped to provide a flange adapted to engage and rest on said front collar, said rear section being shaped to fit and rest on said rear collar, clamping irons engag-

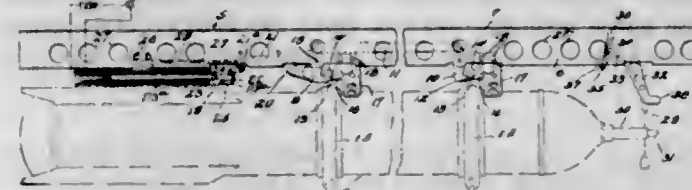
ing said rear section and bolts extending through said front section and clamping irons to hold said sections together and means for retaining the parts in holding position.

1,643,467. SAFETY WATER GAUGE. WARREN M. MYERS, Saginaw, Mich. Continuation of application Serial No. 735,382, filed Sept. 2, 1924. This application filed May 13, 1926. Serial No. 108,892. 7 Claims. (Cl. 73-54.)



1. A water gauge for steam boilers comprising a housing having opposed heads and connecting portions, the upper and lower heads having slots extending entirely through them, the lateral walls of the lower slots being convergent, and sight glasses disposed in said slots, said glasses at their upper ends extending through the upper slots and above the upper head and at their lower ends being downwardly beveled on their lateral faces to seat on the convergent walls of the slots in the lower head and the sight glasses extending below the lower head.

1,643,468. BOMB OR FLARE RACK. CHARLES L. PAULUS, Dayton, Ohio. Filed May 11, 1923. Serial No. 638,248. 10 Claims. (Cl. 244-1.)

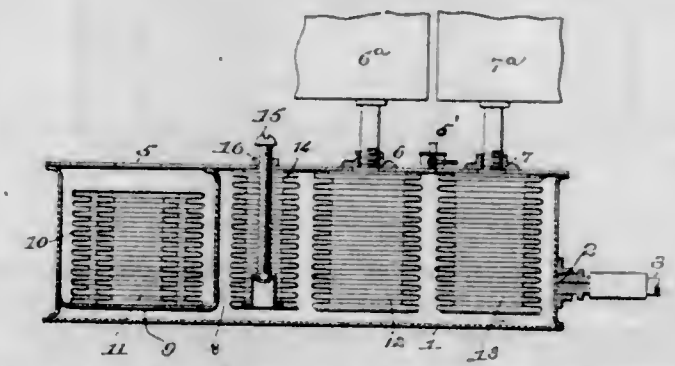


1. In combination, a rack for an aerial bomb having a rotary bombing vane adapted to be spun therefrom to render the bomb effective, safety means on said rack directly engaging said vane to hold the vane from spinning while supported by the rack, said safety means being yieldingly held in engagement with the vane and being manually movable to permit assembly of the arming vane and bomb.

1,643,469. LIQUID-LEVEL GAUGE. DONALD H. REEVES, Dayton, Ohio. Filed Dec. 3, 1920. Serial No. 428,095. 3 Claims. (Cl. 73-54.)

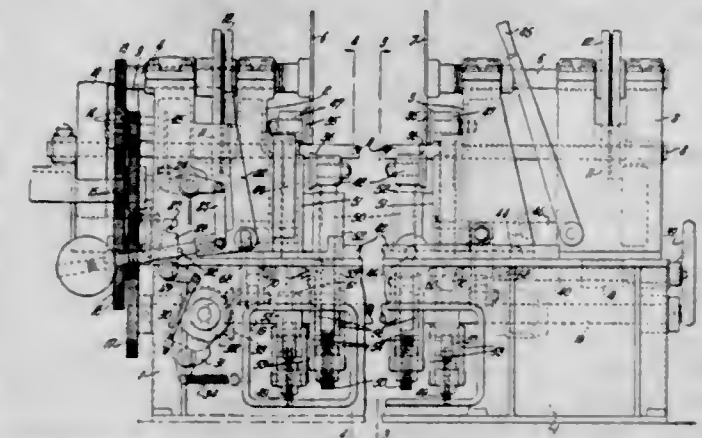
1. In a liquid level gauge, the combination of a liquid level indicator embodying a normally upright graduated tube and a relatively large compression chamber at the top of said tube, a closed liquid receiving pressure chamber in free communication with said tube, a bellows in said pressure chamber but closed against communication

therewith and having one head fixedly held therein, and the opposite head free for movement, said bellows having an opening in its fixed head whereby it may be brought in communication with the liquid to be gauged, a liquid



having a low coefficient of expansion in the pressure chamber and in a portion of the graduated tube and an automatically operated temperature controlled compensating means in communication with said pressure chamber.

1,643,470. MACHINE FOR FLANGING AND SEAMING SHEET-METAL RECEPTACLES. CHARLES JOSEPH RHODES, Wakefield, England. Filed Mar. 2, 1927, Serial No. 171,944, and in Great Britain Oct. 29, 1925. 10 Claims. (Cl. 113-23.)

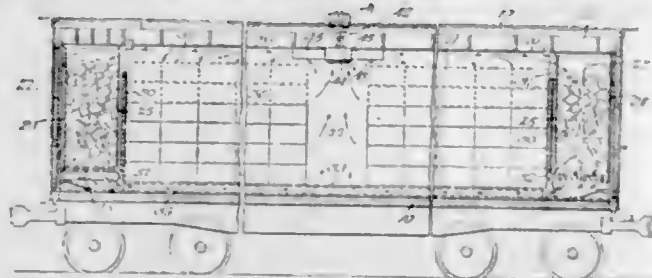


1. In apparatus for securing closures to sheet-metal receptacle bodies, the combination of a pair of axially arranged and opposed chucks between which a receptacle body with a flanged closure disk in each end is held, a pair of rollers associated with said chucks adapted to support the receptacle and flange the disk flanges and ends of the receptacle laterally, said rollers being located to rotate on axes parallel with the axis of the chucks, cam shafts disposed at opposite sides of said axis, cams on said shafts to independently actuate said rollers to move the rollers to flanging position and after the flanging operation to return the rollers to initial position, and rollers brought successively into operative relation with the flanged portion of the receptacle and closure disks to curl said flanged portion and then flatten the same against the receptacle body to form and seam the closures to the receptacle body.

1,643,471. REFRIGERATOR CAR. CHESTER A. RICHARDSON, San Francisco, Calif. Filed July 1, 1926. Serial No. 119,856. 6 Claims. (Cl. 62-24.)

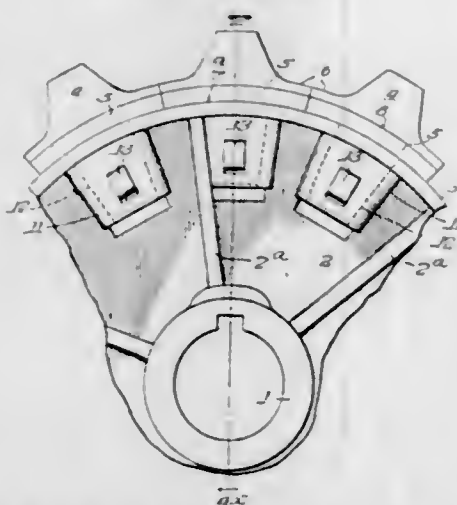
1. In a refrigerator car having a storage compartment formed therein, a pair of ice bunkers disposed one at each end of the compartment; an elevated floor in the storage compartment composed of inter-spaced slats and forming an air duct in the floor in communication with the lower ends of the respective bunkers; said bunkers also have air inlet openings formed in their upper ends; air blowing means disposed at the ceiling of the storage compartment and in the center portion thereof, said blowing means having suction inlets directed towards the

door of the storage compartment, and outlets discharging the air into the compartment in opposite directions along and under the ceiling and towards the upper inlet



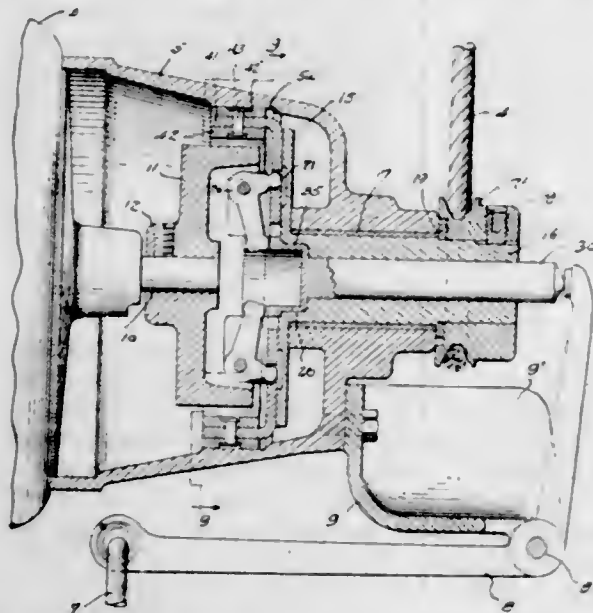
openings in the respective bunkers, the said inlet and discharge pipes of the blowers being located within the storage compartment and adjacent the blowing means.

1,643,472. RENEWABLE-RIM SPROCKET WHEEL. CLAUDE RORABECK, Chicago Heights, Ill., assignor to American Manganese Steel Company, Chicago, Ill., a Corporation of Maine. Filed May 9, 1924. Serial No. 711,961. 2 Claims. (Cl. 74-28.)



1. A sprocket wheel having replaceable rim members, each comprising a tooth portion and shelf portions; said rim members being constructed to enter into circumferential abutment one against another when in position upon the wheel, and having faces through which they abut, constructed with circumferentially extending effects that interlock the members against relative lateral displacement.

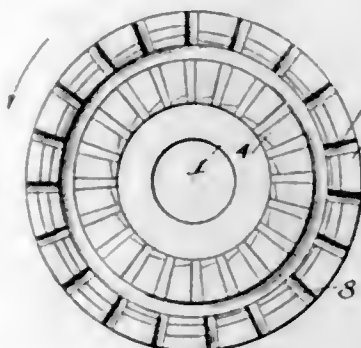
1,643,473. CLUTCH MECHANISM. FREDERICK N. ROSS, Detroit, Mich. Filed Oct. 6, 1926. Serial No. 139,781. 17 Claims. (Cl. 192-14.)



7. A clutch and brake mechanism comprising in combination a driving member having a rim, a housing having an annular surface spaced from said rim, a driving

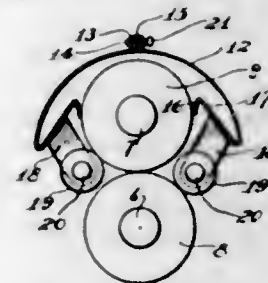
member having parts disposed between the rim and the surface of the housing and capable of radial movement, means connected with said parts for effecting radial movement thereof whereby the parts are caused to engage the rim of the driving member or the said surface in the housing.

1,643,474. SPIRAL CUTTER. OLIVER G. SIMMONS, Lakewood, Ohio. Filed Mar. 12, 1924. Serial No. 698,619. 9 Claims. (Cl. 20-103.)



1. A milling cutter having a face disposed transversely to the axis thereof which is provided with circumferentially spaced teeth all lying in the same spiral curve and arranged in staggered relation successive teeth circumferentially of the cutter lying in different spirals of the curve.

1,643,475. WRINGER-ROLL GUARD. GEORGE W. SMITH, Jr., Pittsburgh, Pa. Filed Dec. 1, 1926. Serial No. 151,898. 4 Claims. (Cl. 68-32.)



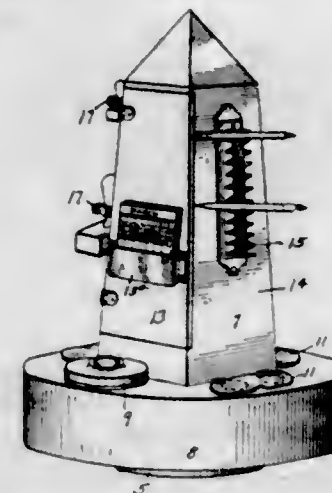
1. The combination with a pair of wringer rolls, of a combined guard and stripper detachably mounted on and borne by the rolls and comprising a flexible guard element having offset portions adapted to engage one of the wringer rolls, said guard and stripper being provided with guide members bearing upon the rolls to maintain it in its proper operative position with relation to the rolls.

1,643,476. MULTI-WHEEL-PROPELLING MECHANISM FOR MOTOR VEHICLES. JAMES MADISON THORP, Alameda, Calif. Filed Aug. 7, 1924. Serial No. 730,694. 4 Claims. (Cl. 74-99.)



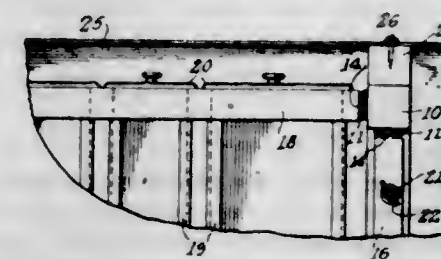
1. A multi-way differential, comprising a line shaft divided into a number of co-axially mounted sections, spiders fixed to some of the shaft sections, sleeves mounted on the shafts adjacent to the spiders, gears upon the sleeves and upon the shafts, planet pinions mounted on the spiders and in meshing contact with gears upon the sleeves and shafts, the diameter ratio of the sleeve gears to that of the shaft gears varying with the number of axle units to be driven so as to balance the stresses between the several axes.

1,643,477. STATIONERY AND OFFICE-APPLIANCE ASSEMBLER. FREDERICK A. WARREN, Fladreau, S. Dak. Filed Apr. 10, 1926. Serial No. 101,086. 1 Claim. (Cl. 120-1.)



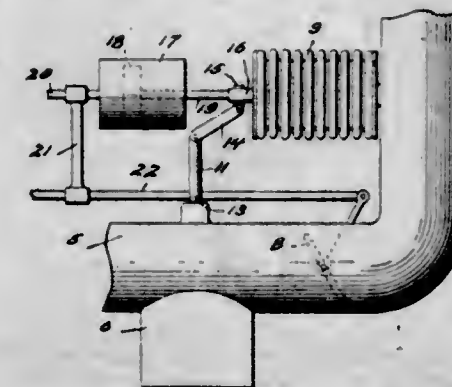
A device of the character described comprising a base carrying an upstanding spindle, a rotative base thereon, an upstanding hollow pyramidal structure carried by the rotative base of materially less width than said rotative base, a plurality of pockets formed in the upper face of said base around the pyramidal structure and provided with hinged closures, a plurality of compartments in the pyramidal structure, a hinged door constituting one side of the structure enclosing said compartments, and a plurality of article receiving supports upon the several faces of the structure and upon the face of said door.

1,643,478. KNOCKDOWN TABLE. ABRAHAM WEXELMAN, Brooklyn, N. Y. Filed Aug. 24, 1926. Serial No. 131,178. 1 Claim. (Cl. 45-48.)



A demountable table comprising a plurality of legs, partially slotted flattened tube brackets secured to said legs, U-shaped keepers fixed to the side, front and rear members of the table and means in the side pieces to firmly secure the table top thereon.

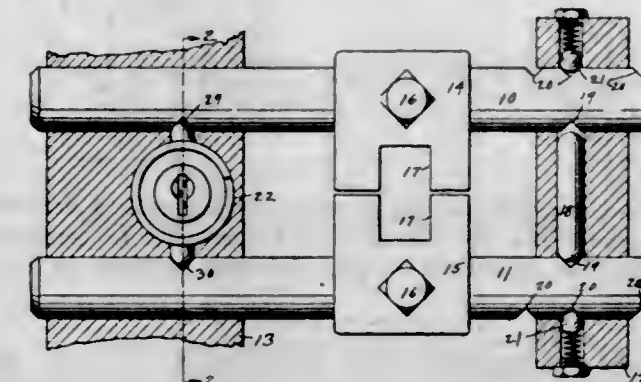
1,643,479. CARBURETOR ECONOMIZER. JOHN M. WILLIAMS, Jr., Montclair, N. J. Filed June 9, 1923. Serial No. 644,509. 1 Claim. (Cl. 261-69.)



In combination with the fuel-regulating valve of an internal combustion engine, means controlled by the vacuum pull of the engine for automatically adjusting

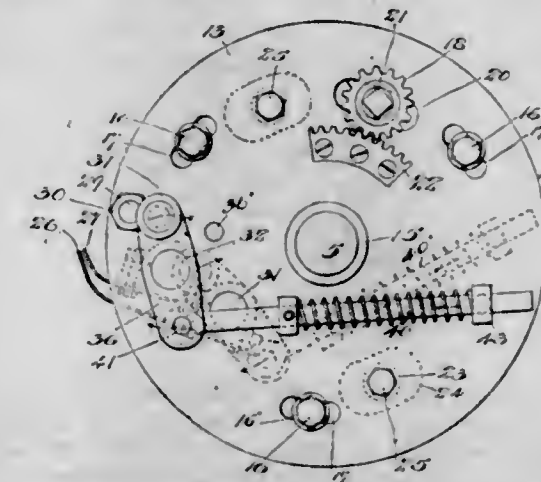
said valve to vary the proportion of fuel and air, said means comprising a bellows in communication with the intake pipe at a point between the throttle valve and engine, a dash pot connected with said bellows to damp the action thereof, and linkage between said dash pot and said throttle valve to render the bellows inoperative under certain circumstances.

1,643,480. TRANSMISSION LOCK. ARTHUR M. WISWELL, Portland, Ore. Filed Apr. 22, 1926. Serial No. 103,700. 4 Claims. (Cl. 70-126.)



1. A transmission lock having a pair of plungers adapted to be urged outwardly by the operation of said lock; and a spring mechanism rendered operative by the movement of said lock adapted to completely project said plungers into locking engagement with associated parts when outward obstructions are removed.

1,643,481. HIGH-SPEED COLLECTING CYLINDER. ANTHONY ZIMNIEWICZ, New York, N. Y., assignor, by mesne assignments, to Miehle Printing Press & Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed Dec. 15, 1924. Serial No. 756,111. 2 Claims. (Cl. 270-76.)

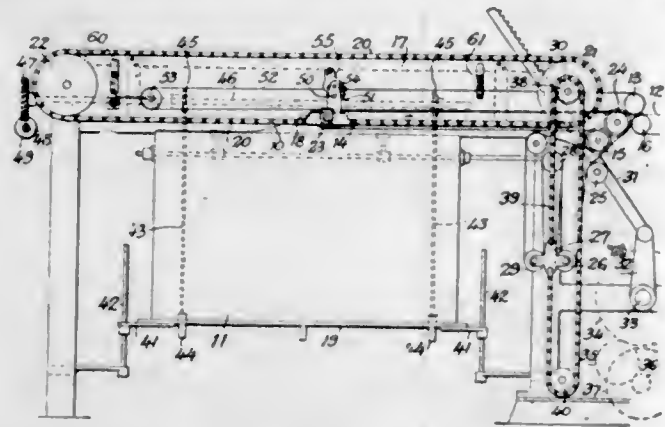


1. The combination with a hollow cylindrical body having a cut-out portion and its rotatable shaft, of an adjustable end plate and means for clamping it to said body, co-acting means carried by said body and plate for relatively adjusting the latter, gripper mechanism located in said cut out portion and a tucking blade carried by said body.

1,643,482. SHEET-STACKING MECHANISM. ANTHONY ZIMNIEWICZ, New York, N. Y., assignor, by mesne assignments, to Miehle Printing Press & Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed Dec. 15, 1924. Serial No. 756,118. 8 Claims. (Cl. 271-77.)

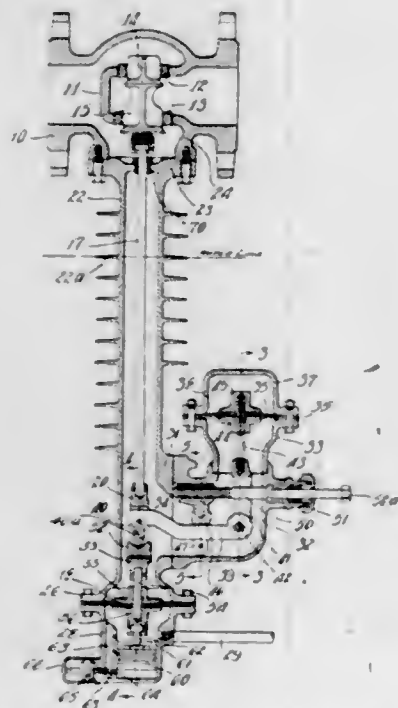
1. In apparatus of the character described, a paper stacking mechanism including a stack supporting table, a carriage shiftable back and forth above the table, delivery tapes having guide rollers certain of which are mounted in said carriage and movable therewith and cer-

tain others of which engage the tape upon the opposite sides of its engagement with the carriage rollers and have clutches preventing movement of the tapes in one direc-



tion, and a compensating carriage having rollers around which the tapes are extended and operating to compensate for the movement of the delivery carriage in one direction.

1,643,483. TURBINE-PUMP GOVERNOR. JOSEPH M. BARRETT, Fosteria, Ohio, assignor to The S-C Regulator Manufacturing Company, Fosteria, Ohio, a Corporation of Ohio. Filed May 4, 1923. Serial No. 636,778. 16 Claims. (Cl. 137-153.)

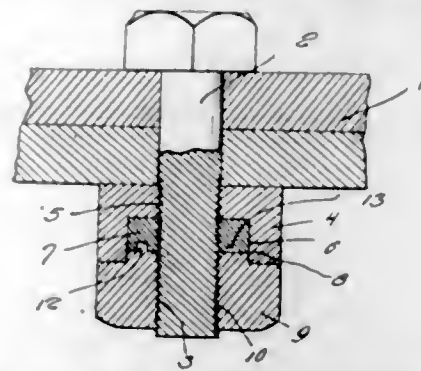


2. In a pump governor, the combination of a valve member, a diaphragm, means connecting the diaphragm to the valve member, a second diaphragm and motion varying means connecting the second diaphragm to the first diaphragm, whereby the action of one diaphragm may be in a direction opposite to the action of the other diaphragm and said diaphragm connecting means may be thereby operated to exert different pressures in a common direction with the first named diaphragm.

1,643,484. NUT LOCK. WILLIAM JOHN BECKFIELD, Pittsburgh, Pa. Filed Mar. 31, 1927. Serial No. 179,935. 1 Claim. (Cl. 151-1.)

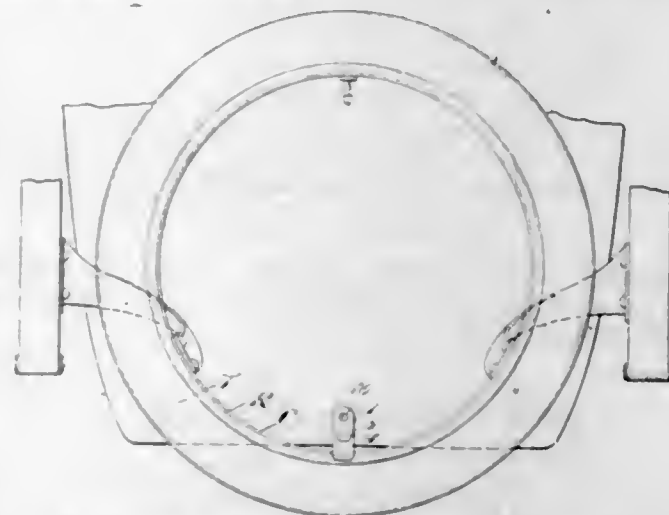
A nut lock comprising a nut having a threaded bolt receiving opening, said nut being formed with an annular recess in one face around said openings, a soft metal filler partially filling said recess concentrically of said bolt receiving opening in the nut, and a locking member having a threaded bolt receiving opening in the central portion and an annular projection on one face around said bolt receiving opening, said projection having a head formed thereon, whereby application of the locking member to a bolt following application of the nut thereto will

engage the projection on said member in the recess in said notch and force the soft metal through the compressive action of the projection into frictional engage-



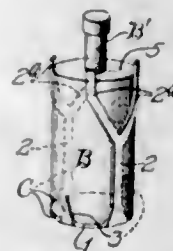
ment with the bolt, said soft metal cooperating with the head on said projection to lock the locking member against rotation relative to the bolt.

1,643,485. TIRE LOCK. ROBERT H. BUTTERS and RICHARD W. STARKE, Atlanta, Ga., assignors to Butters Manufacturing Company, Atlanta, Ga., a Corporation of Georgia. Filed July 22, 1924. Serial No. 727,449. 6 Claims. (Cl. 70-90.)



1. In a spare tire lock, the combination with a rim engaging tire carrier and a lug mounted thereon, said tire carrier and lug constituting a stationary clamp element, of a removable co-operating clamp element comprising a rim engaging body, a part carried by and rotatable relatively to said body for co-operation with a companion fastening part secured to said lug and operative to draw said body against said lug and into engagement with the rim of the tire, and lock mechanism carried by said body for holding said fastening part against rotation relatively to said body.

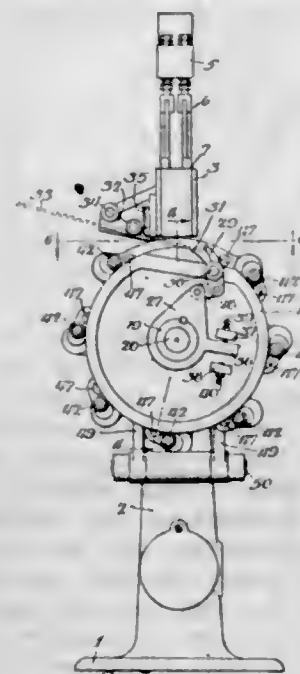
1,643,486. DRY CELL. FRANK H. CIRVES, Madison, Wis., assignor to French Battery Company, Madison, Wis., a Corporation of Wisconsin. Filed May 28, 1927. Serial No. 195,013. 3 Claims. (Cl. 136-123.)



1. A dry cell comprising an outer cup-shaped electrode, a core comprising a molded body of depolarizing mix and a carbon pole, a centering and spacing element comprising a disk interposed between the core and cup-bottom and having at two opposite sides long arms extending upwardly between the core and surrounding wall

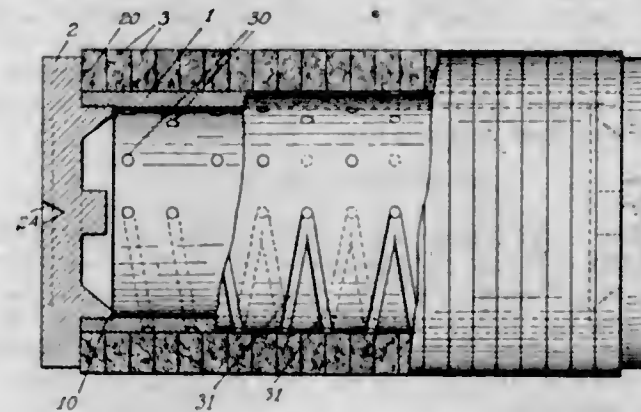
of the cup-shaped electrode and projecting above said core and having at the other two sides rudimentary arms embracing the base-portion of the core, a closure-disk supported on the upper ends of said long arms, and a sealing compound in said cup-shaped electrode above said last-mentioned disk.

1,643,487. HOOP-MAKING MACHINE. EDWARD CRAIG, St. Joseph, Mich., assignor to Saranac Automatic Machine Corporation, Benton Harbor, Mich., a Corporation of Delaware. Filed Jan. 12, 1924. Serial No. 685,735. 17 Claims. (Cl. 144-268.)



1. In a power operated machine for making hoops, the combination of instrumentalities for receiving and bending a hoop strip into shape, with the end portions thereof in lapped relation, by one continuous and complete rotation of said instrumentalities for each hoop, means to cause said rotation, automatic mechanism for automatically inserting fastening means, timed to operate only upon the completion of each said complete rotation, thereby to secure the lapped portions of the hoop strip together by a single operation of said mechanism, a single controller common to said instrumentalities and mechanism, and means cooperating with said controller to cause by one actuation thereof the automatic operation of said instrumentalities and mechanism in sequence and the final automatic stopping of the machine in exact condition to receive another hoop strip.

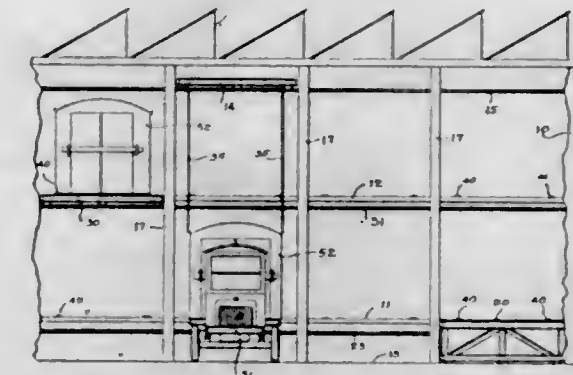
1,643,488. FOUNTAIN INKING ROLL. HARRY W. EHRLICH, Bellevue, and JAMES H. MATTHEWS, Pittsburgh, Pa., assignors to Jas. H. Matthews & Company, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed Mar. 11, 1927. Serial No. 174,464. 1 Claim. (Cl. 101-367.)



An inking roll consisting of a cylindrical body of impervious material provided with a superficial facing of pervious material, the cylindrical body to one side of an

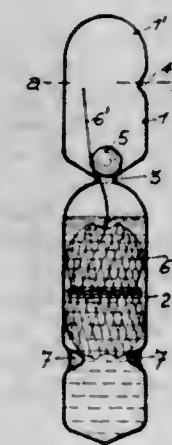
axial plane affording an imperforate semi-cylindrical ink trough, the cylindrical body in such portion being provided on its outer surface with transversely extending grooves, and the cylindrical body to the other side of such axial plane being provided with ink conducting perforations.

1,643,489. APPARATUS FOR HANDLING FREIGHT. BENJAMIN F. FITCH, Greenwich, Conn. Filed Sept. 30, 1924. Serial No. 740,794. 15 Claims. (Cl. 214-16.1.)



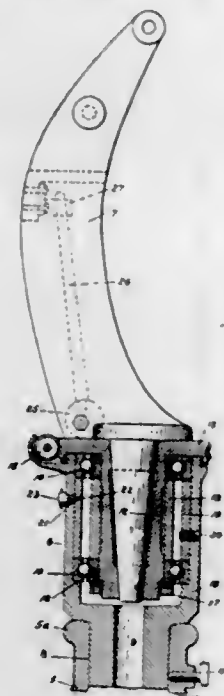
1. The combination of a building having a crane well therein, a passageway from the exterior of the building whereby a truck may be admitted to the well, a travelling crane travelling along the well and a platform movable horizontally along the well at a lower level than the crane and parallel with its movement, said platform being substantially on the same level as one of the floors of the building and being movable independently of the crane.

1,643,490. GLASS AMPUL SERVING AS PACKING RECEPTACLE FOR SURGICAL SEWING MATERIAL. RUDOLF GRAF and WILHELM LAPP, Nuremberg, Germany. Filed Sept. 27, 1926. Serial No. 138,055, and in Germany Oct. 1, 1925. 3 Claims. (Cl. 206-63.3.)



1. A glass-ampul serving as packing-receptacle for surgical sewing material, comprising in combination two differently dimensioned chambers adapted to communicate with each other, a neck indentation between said chambers, a ball of surgical sewing material contained in the lower chamber with a sterilizing liquid, a glass ball provided in the upper chamber, said glass ball being supported by said neck indentation and adapted to hold the projecting end thread of the sewing material in position and to prevent the same from sliding back into the lower chamber, and a lateral groove in the upper chamber, adapted to fix the point of breaking off the upper part or cap of said chamber.

1,643,491. MOUNT FOR GUNS. SAMUEL G. GREEN, Gray, Ga. Filed Apr. 21, 1927. Serial No. 185,583. 5 Claims. (Cl. 89-40.) (Granted under the act of Mar. 8, 1883, 22 Stat. L., 625.)



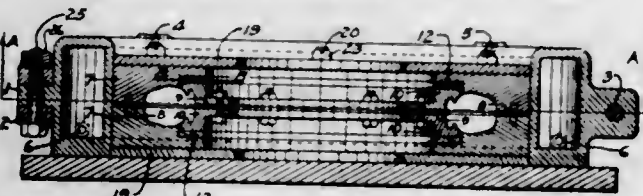
5. A knock down mount for guns embodying a base, an adaptor including a rotatable socket member carried by the base and a standard removably carried by the socket member.

1,643,492. VALVE GEAR. HENRIK GREGER, Hamilton, Ohio, assignor to The Hooven, Owens, Rentschler Company, Hamilton, Ohio, a Corporation of Ohio. Filed Nov. 25, 1922. Serial No. 603,305. 3 Claims. (Cl. 121-160.)



1. In apparatus of the character described, the combination of a steam engine cylinder, valves therefor; valve actuating mechanism comprising a rotatable shaft, an eccentric mounted upon said shaft, means connecting said eccentric to the valve actuating mechanism; a crank having a slot therein mounted upon said shaft, a block slidably mounted within said slot; a connecting rod for said engine, a link member pivotally connected at one end to said connecting rod intermediate the ends of said rod and pivotally connected at the other end to a second pivotally mounted link, said first mentioned link being pivotally connected to the said sliding block, at a point removed from the end thereof which is pivotally connected to the connecting rod.

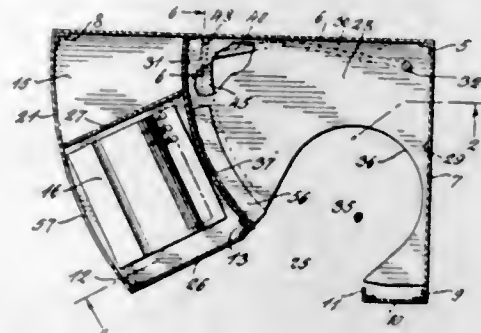
1,643,493. TIRE VULCANIZER. MARK H. GREGG, Oakland, Calif. Filed Jan. 23, 1926, Serial No. 83,283. Renewed Mar. 1, 1927. 3 Claims. (Cl. 18-18.)



1. A tire vulcanizer having in combination a heating chamber with an opening therethrough, a full circle retreading tire mold adapted to fit in said opening, the

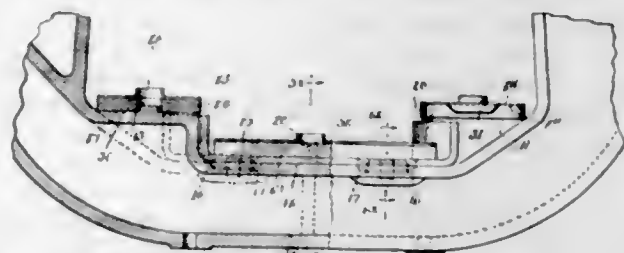
said tire mold consisting of halved annular sectional matrices, annular bead ring sections and annular heat insulating sections, the said heat insulating sections being adapted for insertion between the outer lateral surface of the bead rings and the mold, and means for clamping said sections laterally together.

1,643,494. BURGLARPROOF BOOTH. WALTER A. HAYES, Denver, Colo. Filed Apr. 30, 1927. Serial No. 187,824. 4 Claims. (Cl. 20-101.)



1. A safety device for the protection of valuables from robbers comprising a housing formed from bullet proof material, said housing having two compartments, one of which is adapted to contain the valuables and the other being of such size that it can contain only one average sized individual, said housing having a door opening of sufficient size to permit a man to pass through, a movable partition separating the two compartments, a movable door for closing the door opening, means for so interconnecting the door and the movable partition that when the door is open the partition will be in position to separate the two compartments and when the door is closed the partition will be in such a position that the two compartments are in communication with each other and means for locking the door in closed position.

1,643,495. RAILROAD-CAR-TRUCK STRUCTURE. WILLIAM C. HEDGECOCK, Chicago, Ill., assignor to American Steel Foundries, Chicago, Ill., a Corporation of New Jersey. Filed Feb. 19, 1927. Serial No. 169,461. 8 Claims. (Cl. 105-197.)

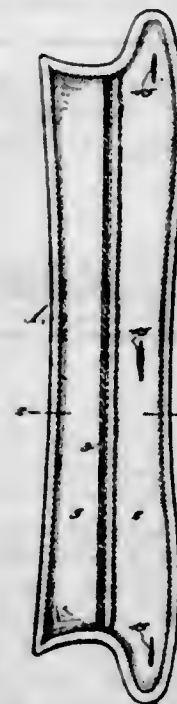


5. In a device of the character described, the combination of a truck side frame having a spring seat, said seat being adapted to receive a spring plate or a shim selectively and having means for preventing displacement of said spring plate or shim, a shim mounted on said seat and held thereon by said means for preventing displacement, a spring plate mounted on said shim, and means for holding said spring plate.

1,643,496. METHOD OF IMPROVING ALDEHYDE RESINS. WILLY O. HERRMANN, HANS DEUTSCH, and WOLFRAM HAEHNEL, Munich, Germany, assignors to Consortium für Elektrochemische Industrie G. m. b. H., Munich, Bavaria, Germany. Filed July 26, 1923, Serial No. 654,020, and in Germany July 8, 1922. 11 Claims. (Cl. 260-140.)

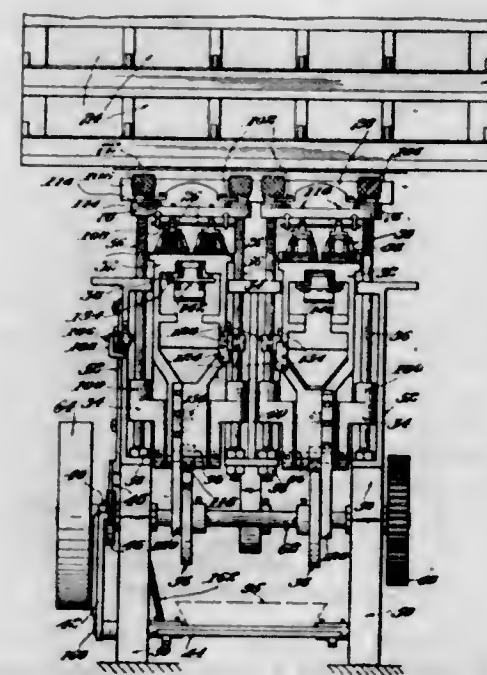
1. Process for the improvement of aldehyde resins consisting in incorporating organic hydroxy-carboxylic-acid compounds into non-phenolic aldehyde resins.

1,643,497. APPAREL COLLAR. PAUL F. HESSE, Pawtucket, R. I. Filed Mar. 15, 1926. Serial No. 94,847. 4 Claims. (Cl. 139-385.5.)



1. An apparel collar constituted by one or more strips of single ply fabric composed of warp and weft threads of substantially the same size, the weft threads being disposed in two separate planes on the opposite sides of the fabric with those in each plane arranged in close juxtaposition, the warp threads being interwoven with the weft threads with certain of said warp threads drawn tight to separate the weft threads into the two planes, and certain other warp threads being left slack and looped back and forth around the weft threads with portions extending substantially perpendicular to the face of the fabric whereby the structure of the weave imparts body and thickness to the fabric to render the collar inherently self-supporting when folded.

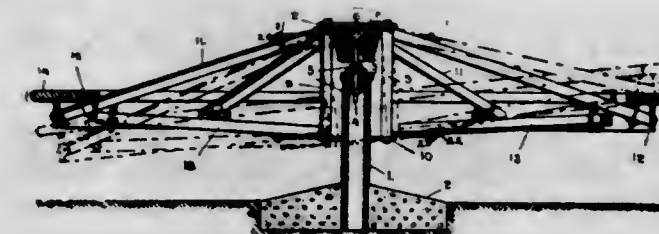
1,643,498. HEEL-BUILDING MACHINE AND METHOD. WILLIAM HUBBARD, Herkimer, N. Y., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Aug. 14, 1920. Serial No. 403,536. 57 Claims. (Cl. 12-50.)



21. A duplex heel building machine having, in combination, stationary upper pressure means, a pair of movable heel forms normally disposed in front of said

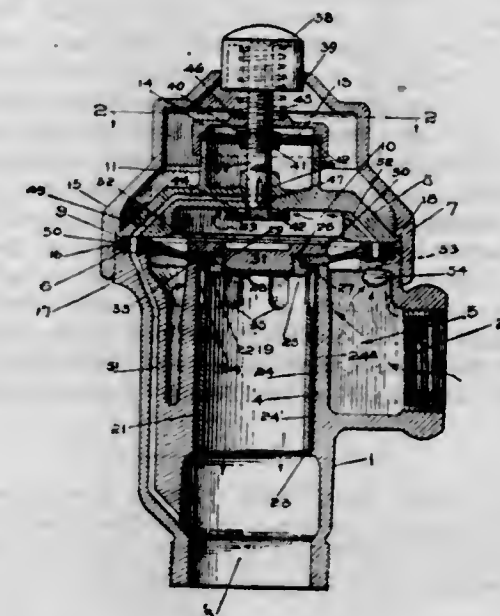
pressure means and into which heels are built substantially concurrently, means for actuating said heel forms into vertical alignment with the pressure means, and means for subjecting the heels to pressure substantially concurrently.

1,643,499. ROUNDABOUT. OSCAR C. HULSMAN, Middleboro, Mass. Filed Feb. 26, 1924. Serial No. 695,260. 2 Claims. (Cl. 272-33.)



2. A roundabout comprising a post, a pin in the head of said post and adjustable vertically therein, an inverted truncated cone provided with a conical recess in which said pin is received and provided also with an outwardly turned flange, spokes radiating from said flange, a rim connecting the ends of the spokes, a platform supported on said rim and spokes, a cage depending from said flange, a buffer ring attached to the bottom of said cage and surrounding the post, spokes radiating from said buffer ring and attached to said rim.

1,643,500. FLUSHING VALVE. ARTHUR JACOBSON and ALEXANDER L. OGILVIE, San Francisco, Calif. Filed May 18, 1925. Serial No. 30,903. 7 Claims. (Cl. 137-93.)

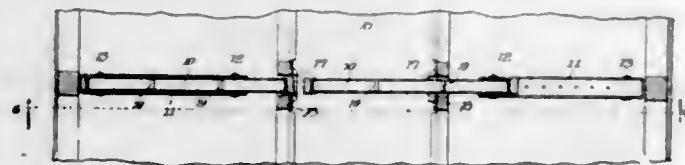


6. In a flushing valve, a main-piston valve therefor consisting of a cylindrical cast shell having a head and reduced neck portion forming a diaphragm seat, a tapped opening in said head, a clamp-nut having a threaded portion adapted to fit in said tapped opening to clamp the diaphragm to the head, a plurality of discharge openings in the wall of said shell positioned adjacent the head thereof, and said shell being provided with a smooth exterior coating of vulcanized hard rubber extending over the upper and lower edges thereof to bind the same thereto.

1,643,501. FEED TROUGH FOR POULTRY CARS. WALDO P. JOHNSON, Chicago, Ill. Filed Feb. 19, 1926. Serial No. 89,381. 1 Claim. (Cl. 119-12.)

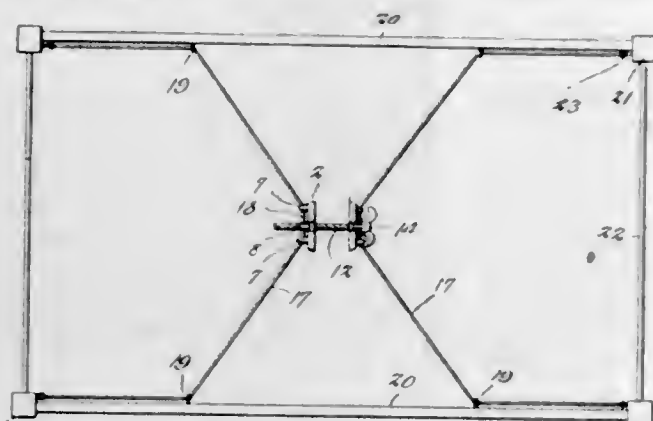
In a poultry car, tiers of coops on each side forming a central aisle, troughs between adjacent coops in the same tier, guiding means permitting the troughs to be drawn

into the aisle, the said guiding means snugly fitting the troughs and the troughs being longer than the width of the aisle so that they are not removable thereinto.



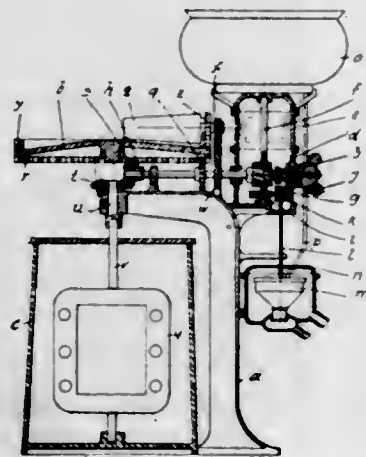
and cross braces for reinforcing said troughs to prevent their being bent laterally to permit their removal from said guiding means.

1,643,502. BED BRACE. JEFFERSON D. KING, Griffin, Ga. Filed June 23, 1926. Serial No. 118,042. 1 Claim. (Cl. 254-67.)



In a device of the class described, a pair of plates each of which is provided in one edge with end notches, and in its opposite edge with an intermediate notch, the plate having outstanding end hooks at the base of the end notches, and an outstanding intermediate hook at the base of the intermediate notch, the plate having a depression bounded by a projecting flange which extends continuously about the entire periphery of the plate and about the notches, there being a boss located opposite the intermediate hook and extended from the flange into the depression, a screw journaled in the boss of one plate and having a head which engages the boss of said plate, the screw being threaded into the boss of the other plate, the deepest portions of the end hooks being in the same plane with the axis of the screw, and flexible elements engaged with the deepest portions of the end hooks and looped about the intermediate hook, the notches facilitating the engagement of the flexible elements with the hooks.

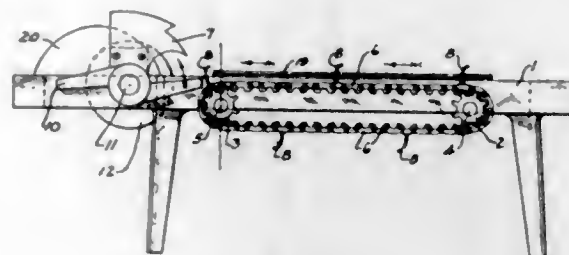
1,643,503. DAIRY MACHINE. FRITZ KUCHENMEISTER, Hennef, Germany, assignor to Gebrüder Steinel, Hennef, Germany. Filed Feb. 19, 1926. Serial No. 89,456. and in Germany Feb. 28, 1925. 2 Claims. (Cl. 31-33.)



1. In a small dairy outfit embodying a pedestal, a kneading plate and a churn carried thereby, a motor, and a connection between the motor and the kneading

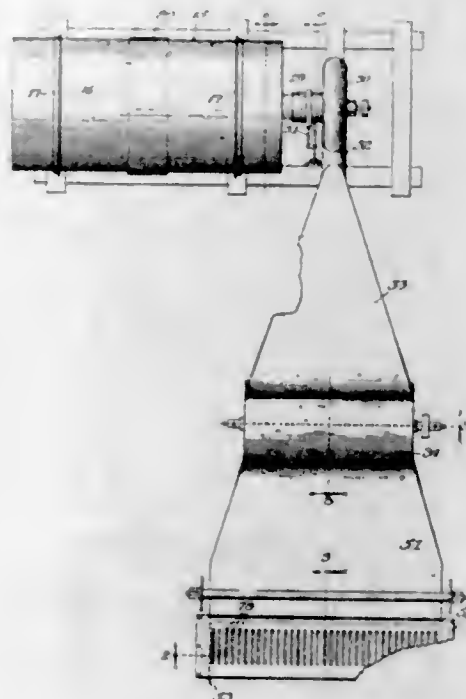
plate and the churn, the combination with such elements of a separator drum arranged to run during churning and kneading and to serve as a regulating fly wheel to balance the churn and the kneader.

1,643,504. FISH-BEHEADING MACHINE. RICHARD LEA, Alameda, Calif. Filed Jan. 11, 1926. Serial No. 80,571. Renewed Mar. 1, 1927. 4 Claims. (Cl. 17-3.)



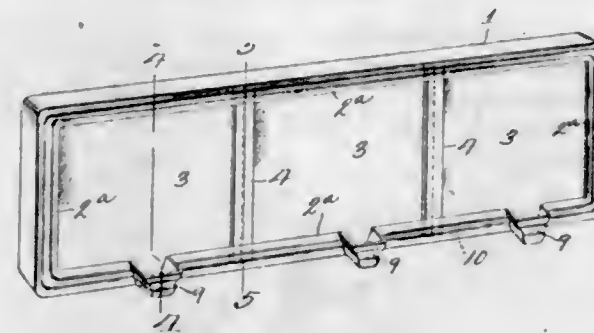
3. A fish beheading machine comprising a main frame in the form of a table, a drive shaft having a plurality of carriers mounted thereon, gear wheels fixed on a pair of revolvable shafts that are mounted on said frame parallel to each other and to said drive shaft, said gear wheels being arranged on said shafts in series and adapted to impart longitudinal movement to a plurality of conveying chains mounted thereon, said conveying chains being provided with a plurality of vertically curved fingers arranged in series thereupon and adapted to extend upwardly and above the top surface of the frame, a stationary header-knife fixed to the frame at the outer end thereof and above the drive shaft, a stationary guide adapted for insertion beneath one of the forward fins of the fish to locate the fish by and guide same to the header-knife, and means connecting the drive shaft to the conveying mechanism.

1,643,505. METHOD AND APPARATUS FOR PRODUCING BODIES FORMED OF SEPARATE FIBERS. HARVEY B. LINDSAY, Oakland, Calif., assignor to Dry Zero Corporation, Wilmington, Del., a Corporation of Delaware. Filed Jan. 9, 1925. Serial No. 1,509. 18 Claims. (Cl. 19-144.)



1. In the producing of a body of material formed of separate fibers, the subjecting of a compressed bale of the fibers to a tumbling action for loosening the fibers therefrom and the subjecting of the loosened fibers to a conveying current of air.

1,643,506. ILLUMINATED SIGN. ELMO P. MACNICOL, Memphis, Tenn. Filed Oct. 19, 1925. Serial No. 63,418. 3 Claims. (Cl. 40-130.)

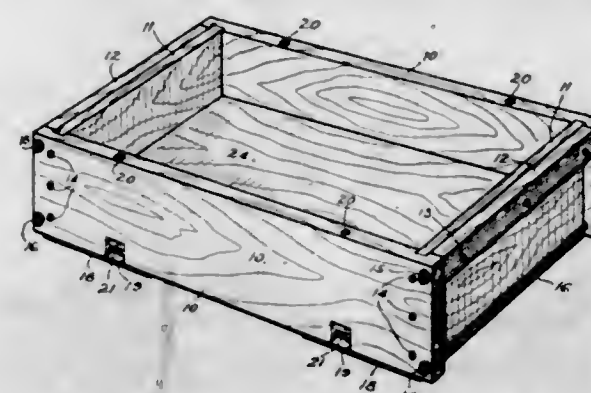


1. The combination with a display sign frame having a lower rail, of light boxes integrally formed with said rail, said rail being crimped longitudinally thereby forming conductor conduits connecting the chambers of the light boxes.

1,643,507. CEREAL FOOD PRODUCT. FERDINAND MATZELLE, Saginaw, Mich. Filed May 22, 1926. Serial No. 111,069. 2 Claims. (Cl. 99-10.)

1. As an improvement in the manufacture of leavened bread, a bread loaf of standard size, weight and uniformity of texture characteristic of the ordinary white loaf and containing in addition to the usual constituents of such white loaf an ingredient, namely, buckwheat flour, for imparting a pleasing color, taste and chewing characteristics and greater friability of crumb, said loaf also containing another ingredient, gluten flour, for imparting to the buckwheat-containing loaf the springiness and fineness of grain characteristic of the ordinary white loaf.

1,643,508. MOLD BOX FOR BUTTER AND THE LIKE. CHARLES F. MILLER, Cedar Rapids, Iowa. Filed Aug. 20, 1924. Serial No. 733,089. 1 Claim. (Cl. 217-5.)

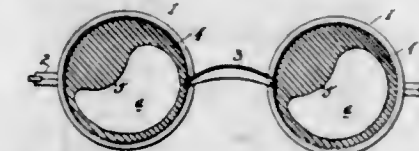


A mold-box for butter and the like, comprising a rectangular box-frame of wood wherein the grain extends longitudinally of the frame-members, the lower edges of said frame having transversely aligned notches therein, metal shoes affixed to said lower edges and extending across said notches, cross-bars having the ends thereof extending loosely into said notches and movable vertically relative thereto, suspension-members secured to said cross-bars and extending to the upper edge of the frame to support the cross-bars therefrom, and a bottom-member supported upon said cross-bars.

1,643,509. DRIVING SHIELD. FRANK B. MORAN, Dallas, Tex. Filed Aug. 14, 1925. Serial No. 50,164. 2 Claims. (Cl. 88-54.)

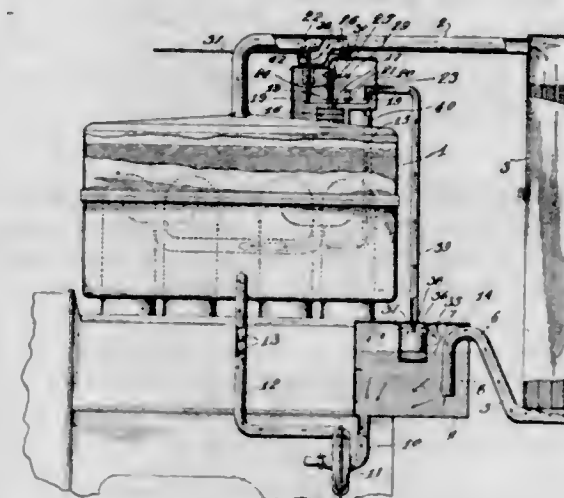
1. In driving goggles, a frame, a pair of semi-transparent discs in the frame, said discs having curved openings which latter are formed at their inner edges to each

have a concave intermediate portion and convex end portions, one of which latter is larger than the other and disposed to one side of a vertical line drawn diametrically



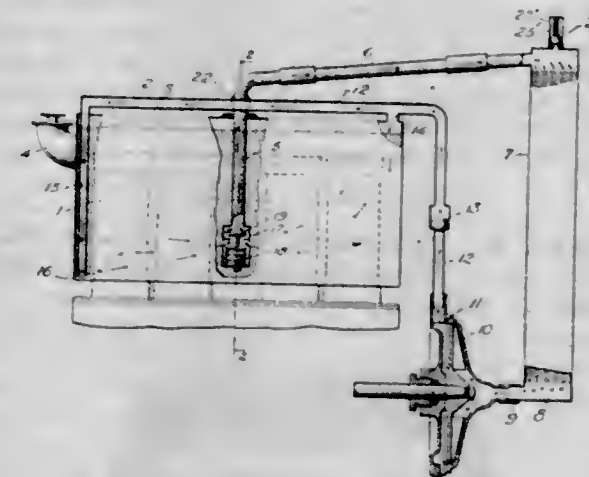
through the discs, whereby said discs have enlarged portions disposed to one side of said line and at the opposite ends of the enlarged portions of the openings.

1,643,510. VARIABLE-TEMPERATURE COOLING SYSTEM FOR INTERNAL-COMBUSTION ENGINES. WELLINGTON W. MUIR, Lockport, N. Y. Filed Aug. 16, 1922. Serial No. 582,216. 4 Claims. (Cl. 123-174.)



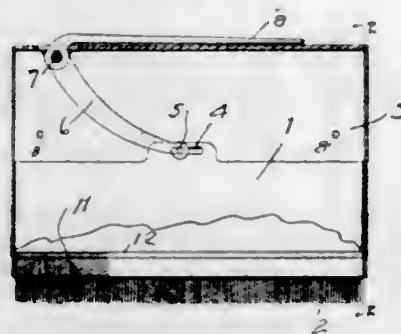
1. In a cooling system for internal combustion engines the combination of a water jacket; means for cooling the fluid in said jacket; means for regulating the temperature to which said fluid is cooled while the engine is running; vent means to permit the escape of air from the system; and means governed by the pressure in said jacket for controlling said vent means, substantially as described.

1,643,511. COOLING SYSTEM FOR INTERNAL-COMBUSTION ENGINES AND METHOD OF OPERATING THE SAME. WELLINGTON W. MUIR, Lockport, N. Y. Filed Nov. 20, 1922. Serial No. 602,266. 14 Claims. (Cl. 123-174.)



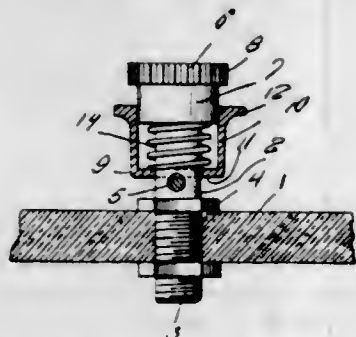
1. In a cooling system for an internal combustion engine, the combination of a liquid circuit including a container having a restricted vapor space and a radiator joined to said container and space; a thermostatic valve for controlling the liquid connection to said radiator; and a pressure actuated valve for controlling the vapor connection to said radiator.

1,643,512. **SANITARY FINE-TOOTH COMB.** KIYOSHI NAGAI, San Francisco, Calif. Filed Mar. 9, 1926. Serial No. 93,363. 1 Claim. (Cl. 132-28.)



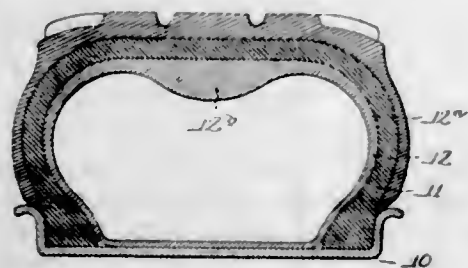
A comb cleaner comprising a frame in which a comb is adapted to slide, said frame being open on one edge to allow the teeth of said comb to project outside of said frame, a bar on each side of said frame adjacent and parallel with said opening, and wires extending from one bar to the other across said opening, and adapted to pass between the teeth of said comb, and means of projecting said comb with teeth thereof outside of said frame to the limit of said cross wires.

1,643,513. **BINDING POST.** FRANCIS E. O'BRIEN and LOUIS FREEMAN, Northampton, Mass.; said Freeman assignor to Joseph Freeman, Brooklyn, N. Y. Filed Mar. 25, 1925. Serial No. 18,144. 1 Claim. (Cl. 173-259.)



A device of the class described including a post of cylindrical formation having an intermediately disposed diametrically extending opening formed therein for receiving a wire, a head of insulating material formed on one end of the post a distance from the opening and including a cylindrical body and a milled flange of greater diameter than the body, a cup-shaped slide member including a cylindrical body slidable over the first-mentioned cylindrical body and an apertured bottom through which the post extends, an annular flange formed on the upper end of the cylindrical body of the slide member and projecting outwardly, and a coil spring disposed about the post and impinged against the bottom of the slide member and the adjacent end of the head, the flange on the slide member being abutable with the flange on the head to prevent injury to the spring.

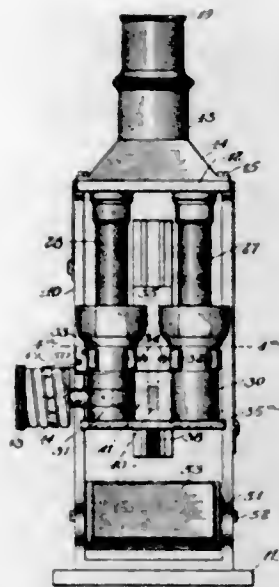
1,643,514. **PNEUMATIC TIRE.** JOHN F. PALMER, Buffalo, N. Y. Filed Oct. 2, 1923. Serial No. 666,104. 3 Claims. (Cl. 152-13.)



1. The combination with a casing of normally oblate cross-sectional contour, of an inflatable inner tube, said

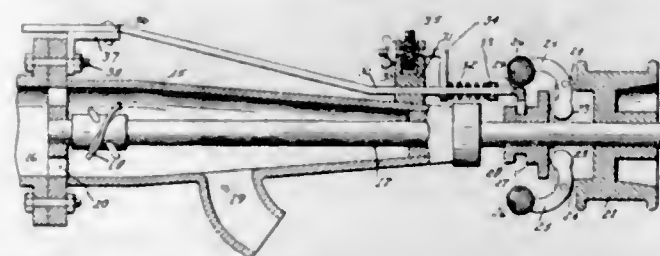
tube being provided with means resiliently resisting distention of said casing and tube from such normal contour.

1,643,515. **COLORIMETER.** WILLIAM L. PATTERSON, Rochester, N. Y., assignor to Bausch & Lomb Optical Co., Rochester, N. Y., a Corporation of New York. Filed Sept. 18, 1922. Serial No. 588,814. 14 Claims. (Cl. 88-14.)



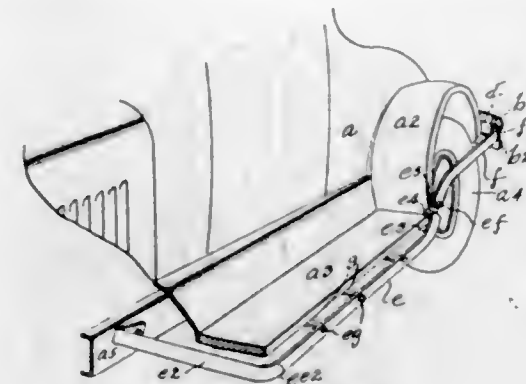
1. In a colorimeter, a support, an optical system carried thereby arranged for simultaneous comparative observation of test and standard specimens, a holder adjustable vertically upon said support, a pair of containers fixed on said holder for movement in unison therewith, one for said test specimen and one for the standard specimen, a pair of depth adjusters one for each of said containers and relative to which the containers are adapted to move upon adjustment of said holder and means for indicating the adjustment of said containers.

1,643,516. **GOVERNOR FOR GAS ENGINES.** WILLIAM PETERSON, Albert City, Iowa. Filed Nov. 22, 1926. Serial No. 150,015. 3 Claims. (Cl. 264-3.)



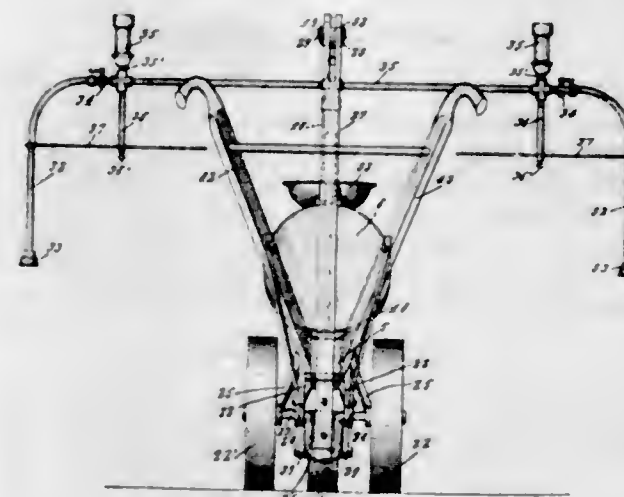
1. A governor for gas engines comprising a support, a shaft rotatively mounted therein, a pulley wheel on said shaft the hub of which is provided with recesses, governor arms pivotally mounted in said hub, the inner ends of which swing in said recesses, the outer end of said arms being bent substantially at right angles to the inwardly projecting ends and each provided with a governor ball, a sleeve slidably mounted on said shaft and designed to engage the inner ends of said governor arms, said sleeve being provided with an annular recess, a rod slidably mounted having one end provided with a yoke, the prongs of which enter the said annular groove, a collar fixed to said rod, a spring having one end adjacent to said collar, a tension bar slidably mounted in said support having one end engaging the free end of said spring, and adjusting nuts for imparting movement to said tension bar to increase or decrease the tension of said spring.

1,643,517. **SIDE BUMPER.** FRANK E. PRICE, Pontiac, Mich. Filed Nov. 24, 1926. Serial No. 150,548. 3 Claims. (Cl. 293-57.)



1. In combination with an automobile having a channel iron bracket for supporting the foot board, a side guard having a supporting strap fitting into the channel of said bracket and secured thereto.

1,643,518. **LIQUID-SPRAYING MACHINE.** LESTER RATLIFF, Morven, N. C. Filed July 31, 1924. Serial No. 729,373. 1 Claim. (Cl. 299-40.)

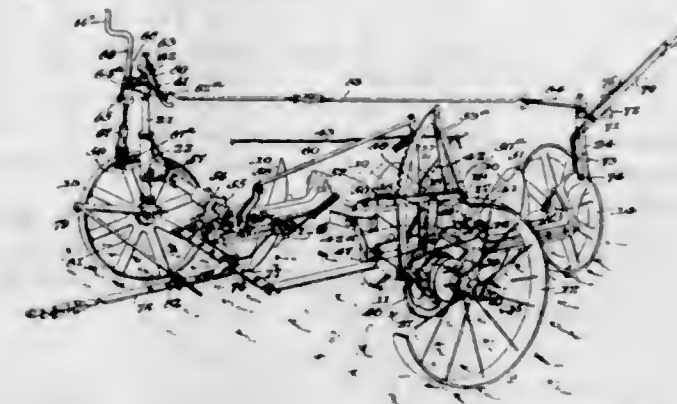


In a device of the character described, a wheel supported frame, a tank on the frame, a pump for forcing air into the tank, a transversely disposed pipe mounted above the tank, pipes depending from the first mentioned pipe and having openings, flexible pipes communicating with the transversely disposed pipe, rods having eyes through which the flexible pipes extend, said rods adapted to move through the openings of the second mentioned pipes, means for holding the rods in the openings, and said rods adapted to be moved to adjust the flexible pipes laterally.

1,643,519. **TILLAGE IMPLEMENT.** CHARLES T. BAY, Louisville, Ky., assignor to B. F. Avery & Sons, Louisville, Ky., a Corporation of Kentucky. Filed Sept. 6, 1921. Serial No. 498,695. 15 Claims. (Cl. 97-72.)

1. A tillage implement including a frame provided with a ground working element, a crank axle journaled to the frame, front and rear shafts each mounted for rotative movement and for movement in an up and down direction, relatively to the frame, a land wheel supporting the crank axle, front and rear furrow wheels supporting the front and rear shafts, respectively, means to cause simultaneous rotative movement of both shafts in the guidance of the implement, power means operative

at will to rock the crank shaft and raise or lower the front shaft, relatively to the frame and rear shaft and furrow wheel, by power derived from travel of the land wheel, and an independent lever mechanism to raise or lower said rear shaft.



5. A tillage implement having frame carried soil working elements, a land wheel and front and rear furrow wheels and movable mountings for the same, of which that for the land wheel includes a crank axle and those for the furrow wheels include upright steering shafts connected for cooperative movement, means actuable by the land wheel to simultaneously shift the land and forward furrow wheel mountings to dispose the soil working elements selectively in working and transport positions, said means including elements to permit independent adjustment of both the land wheel and forward furrow wheel mountings and humanly actuable means for correspondingly adjusting the rear furrow wheel mounting.

10. In a tillage implement, a supporting wheel, a longitudinally movable shaft carried by said wheel, a crank arm, a longitudinally extensible shaft-adjusting means, provided with means pivotally connecting it, at different places in its length, with said crank arm and with said shaft, respectively, a second crank arm, extending at an angle to the first mentioned crank arm and moved unitarily therewith, a second supporting wheel, an axle carried by the second supporting wheel and provided with a crank arm, and a link connection between the last named crank arm and said second crank arm.

12. In a tillage implement, a supporting wheel; a longitudinally movable shaft carried by said wheel; a crank arm; a longitudinally extensible member comprising two relatively adjustable parts, one of which is connected to said shaft, the connection including elements to permit relative rotative movement of the shaft and longitudinally extensible member and to prevent independent longitudinal movement of either thereof; a second crank arm extending at an angle to the first crank arm and moved unitarily therewith; a second supporting wheel; an axle carried by the second supporting wheel and provided with a crank arm; and a link connection between the last mentioned crank arm and said second crank arm.

15. In a tillage implement, a frame, tillage elements carried thereby, a crank axle journaled to the frame upon a horizontal axis and having a spline at the free end of its crank portion, a land wheel mounted to rotate on said spline, forward and rearward shafts mounted to have longitudinal movement and to rotate about substantially vertical axis and having wheel mountings at their lower ends, furrow wheels on said wheel mountings, respectively, a clutch mechanism whose driving member is connected to the land wheel to be rotated thereby, clutch control means, a manually adjustable depth controlling lever, means rigidly connected to the frame to fix the lever to the frame in selected positions, a thrust link whose opposite ends have connection with the driven member of the clutch and with the depth controlling lever respectively, and means connecting the crank axle with the forward furrow wheel shaft to raise and lower the forward furrow wheel shaft by power derived from

rotation of the land wheel, including a manually extensible member connected to said forward furrow wheel shaft to adjust the same.

1,643,520. PLASTIC COMPOSITION. CHARLES S. REEVE, Grantwood, N. J., assignor to The Barrett Company, a Corporation of New Jersey. Filed Jan. 24, 1922. Serial No. 531,467. 15 Claims. (Cl. 106—32.)

1. A composition of matter comprising bitumen and substantially all of the decomposition products of an oil shale that has been decomposed while in intimate contact with said bitumen.

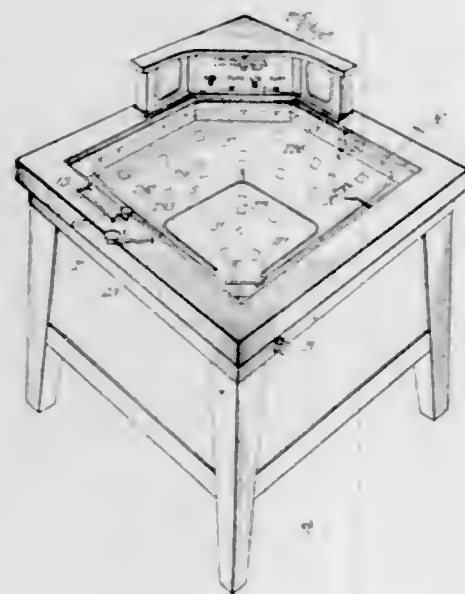
12. The process of making bituminous products which comprises heating a mixture of coal tar pitch and an oil shale at a temperature of approximately 340° to 350° C. for about five to ten hours.

1,643,521. PLASTIC COMPOSITION. CHARLES S. REEVE, Grantwood, N. J., assignor to The Barrett Company, a Corporation of New Jersey. Filed Jan. 24, 1922. Serial No. 531,468. 8 Claims. (Cl. 106—32.)

1. A new and useful composition of matter comprising coal tar oil and substantially all of the decomposition products of an oil shale that has been decomposed while in intimate contact with said oil.

5. The process of manufacture of a product containing bituminous matter, which comprises heating oil shale in the presence of coal tar oil at a temperature of approximately 310° to 320° C. for about 10 to 15 hours.

1,643,522. AUTOMATIC BASEBALL GAME. EZRA B. ROPP, Oklahoma City, Okla. Filed June 13, 1925. Serial No. 36,986. 118 Claims. (Cl. 273—89.)

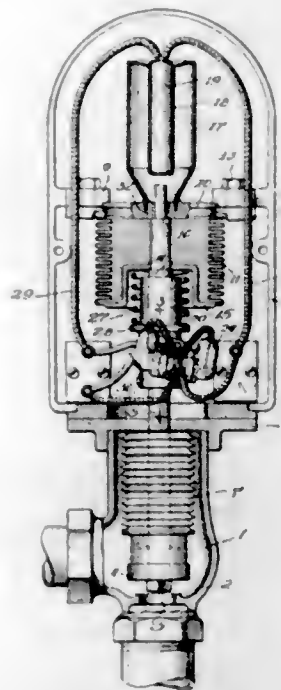


102. In an automatic base ball game, a playing field, a pitching arm positioned beneath the surface of the playing field, a playing ball and means for automatically feeding the same in the pitching arm, and means for manipulating the pitching arm to raise it above the surface of the field by a pitching movement to pitch the ball by rolling it along the surface of the field.

1,643,523. ELECTRICALLY-OPERATED VALVE. HERBERT J. SAUVAGE, Chicago, Ill., assignor to Electro Thermostatic Control Company, Chicago, Ill., a Common Law Trust. Filed Sept. 27, 1926. Serial No. 138,099. 4 Claims. (Cl. 137—139.)

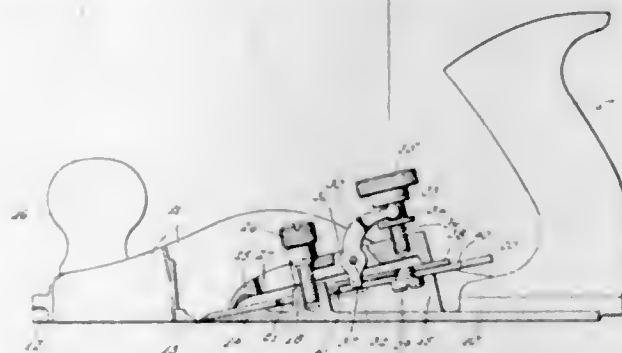
3. In combination, a housing having a valve seat, a valve stem having a valve head movably mounted in the housing for movement into and out of contacting relation with said seat, a plunger slidably engaged with said

stem for limited relative movement therewith, a spring compressed between the stem and plunger, electrical means for moving the plunger, and a switch for controlling said



means, said switch mounted on the stem and connected to the plunger so that the switch is operated when the plunger moves with respect to the stem.

1,643,524. PLANE. EDMUND A. SCHADE, New Britain, Conn., assignor to The Stanley Works, New Britain, Conn., a Corporation of Connecticut. Filed Dec. 18, 1925. Serial No. 76,317. 1 Claim. (Cl. 145—11.)

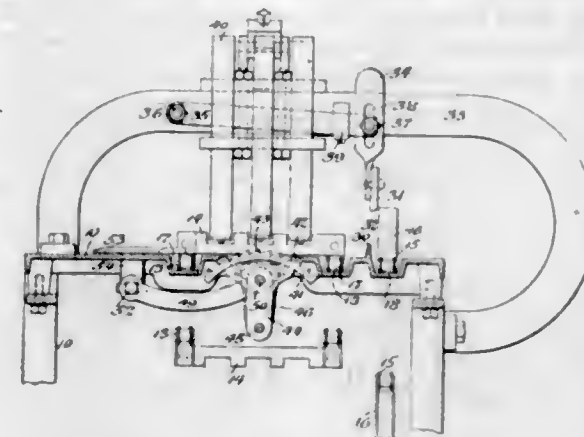


A plane having a body, a cutter adjustably carried thereby and having a longitudinally extending slot, a cap removably clamped to said body and against said cutter, said cap having an opening adjacent its rear end, an adjustable slide having an opening and a lip extending into and engaging the side edges of said slot, a screw for adjustably connecting said slide to said cutter, a lever pivoted in the opening of said cap and having its lower end engaging in the opening of said slide, the upper end of said lever having a fork, a stud carried by said cap, and a nut on said stud having a circumferential groove in which the fork of said lever engages.

1,643,525. MACHINE FOR TRIMMING EARS OF CORN. CHARLES F. SHUMAKER, Silver Creek, N. Y., assignor to S. Howes Co. Inc., Silver Creek, N. Y., a Corporation of New York. Filed Dec. 30, 1925. Serial No. 78,431. 5 Claims. (Cl. 146—81.)

1. A machine for trimming the ends of ears of corn, comprising a gage, a conveyor for propelling said ears in a crosswise position past said gage, a cutter which is arranged adjacent to said gage and past which the ears are moved by said conveyor for severing the ends of the

ears, and placing means for moving the ears transversely of said conveyor and toward said gage before reaching said cutter comprising a toothed segment gripper turning



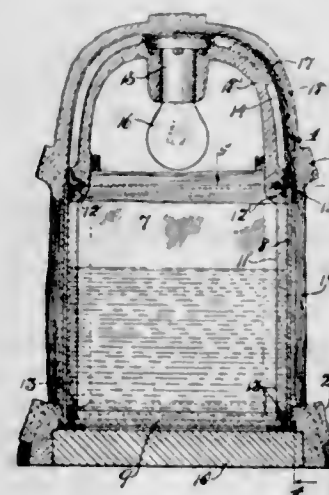
about a longitudinal horizontal axis and having an oscillating movement toward and from said gage and adapted to engage the underside of the ears of corn.

1,643,526. PHOTO-ENGRAVING PROCESS. FRANZ STOCKINGER, New York, N. Y. Filed May 18, 1926. Serial No. 109,878. 6 Claims. (Cl. 41—43.)



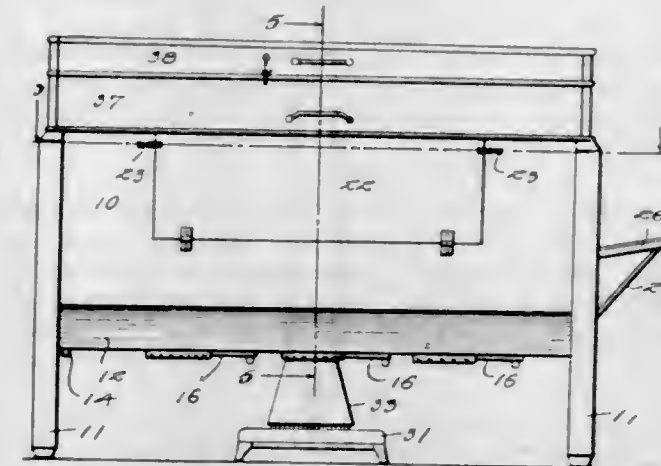
1. The process of producing offset printing plates from photoengravers' cuts, which consists in making an ink impression of a design onto a rigid transparent plate, thereafter exposing a sensitized surface of a printing plate under said transparent plate, and treating the exposed surface to produce an ink shedding printing surface.

1,643,527. AQUARIUM. HERBERT A. STONE, Chicago, Ill. Filed May 3, 1926. Serial No. 106,363. 2 Claims. (Cl. 119—5.)



1. An aquarium comprising wall members, means at the edges of said members and connecting said members, an arch including a rigid member mounted on said connecting means, a lighting fixture on said rigid arch member, an electric conductor leading from said lighting fixture along said arch member and said connecting means, and covering means placed over said rigid arch member and over said connecting means and entirely housing and concealing said conductor.

1,643,528. BATH CABINET. TENNIS R. THURSTON, Spokane, Wash. Filed Feb. 28, 1927. Serial No. 171,679. 4 Claims. (Cl. 174—87.)

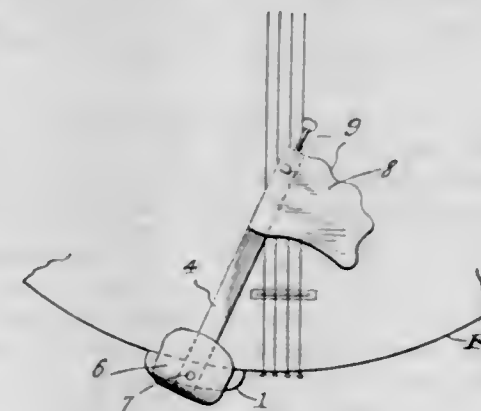


1. A treatment device comprising a cabinet, a couch within the cabinet, means for discharging heated air upwardly into the cabinet, and means for controlling said discharging means thereby to direct said heated air to any desired portion of the body of a patient occupying the couch.

1,643,529. PRODUCTION OF PICTURES BY THE TRANSFER PROCESS. RUDOLF VON ARX, Munich, Germany. Filed Dec. 17, 1925. Serial No. 76,097, and in Germany Dec. 24, 1924. 5 Claims. (Cl. 41—33.)

1. The process of producing color prints by the dye-transfer process consisting in using moist mordant dye-images for printing purposes in most intimate contact with copy-sheets or layers showing a greater affinity towards the dye-stuffs used than is borne by the mordant printing images.

1,643,530. PLECTRUM FOR STRINGED INSTRUMENTS. JAMES LUCK WARNER, Tulsa, Okla. Filed Sept. 3, 1926. Serial No. 133,429. 1 Claim. (Cl. 84—322.)

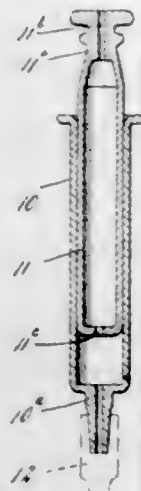


A plectrum including a hand supporting member, means for connecting said member at one end to the body of a stringed instrument for lateral oscillation, a wrist plate at one end of the member, a finger plate at the other end thereof, a pick, and means for detachably connecting the pick to the member and adjacent the finger plate.

1,643,531. SYRINGE FOR HYPODERMIC NEEDLES OR THE LIKE. WILLIAM WOLF, New York, N. Y. Filed Nov. 15, 1926. Serial No. 148,319. 9 Claims. (Cl. 128—220.)

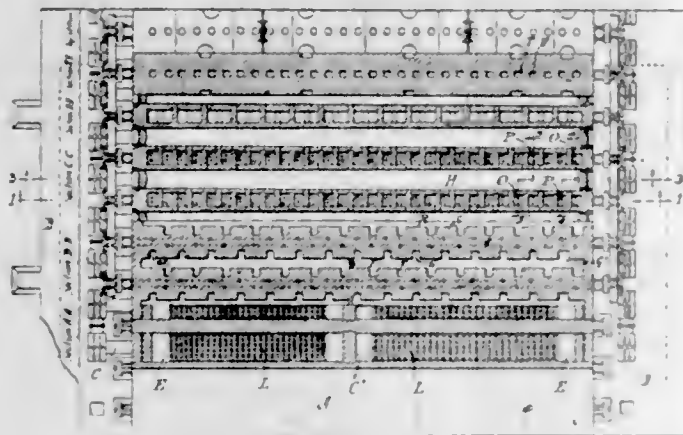
1. In a syringe for hypodermic needles or the like, a barrel and a plunger therein having air passages at its opposite ends, so that when said passages are open the air contained in the barrel between the fluid and the

inner end of the plunger will be forced into the plunger during the inner movement of the latter the outer air passage of said plunger being made in an outwardly pro-



jecting nozzle and of such small diameter as to be capable of being controlled during operation by the finger of the operator's hand.

1,643,532. COKE OVEN. WILLIAM H. WRIGHT, Milwaukee, Wis., assignor to Foundation Oven Corporation, a Corporation of New York. Filed June 7, 1921. Serial No. 475,639. 7 Claims. (Cl. 202-9.)

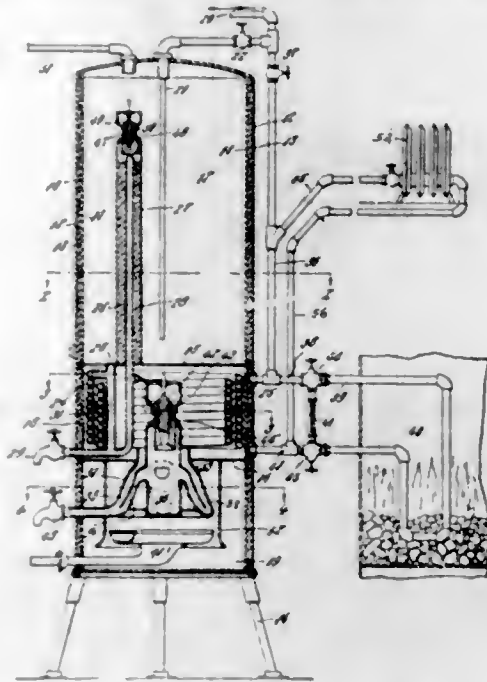


1. A coke oven having coking chambers which are wider at one side than at the other side of the oven with flue walls between them and having in each flue wall a line of combustion flues arranged in groups and having for each flue wall a pair of regenerators and a pair of sole flues, with ports communicating with said combustion flues for supplying air to and taking combustion gas from said combustion flues at intervals along the length of each of the sole flues, each group communicating with the corresponding pair of sole flues by ports which are independent of the ports from the other groups to the same sole flues, each of said sole flues having at one end a single opening adapted to be used alternately for exhaustion of combustion gas and, on reversal of the oven, for admission of air, the effective areas of the passages from the sole flues through said ports and the combustion flues along each flue wall being graduated in size continuously from one side of the oven to the other, the greater areas being at the same side of the oven as the wider portion of the coking chamber.

1,643,533. WATER HEATER. ANTHONY ERNEST ANIA, Corona, N. Y. Filed Mar. 24, 1926. Serial No. 97,100. 5 Claims. (Cl. 122-37.)

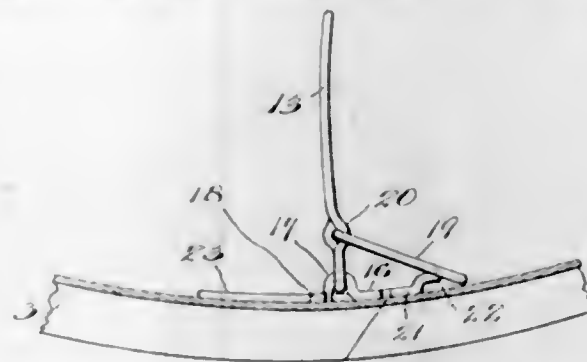
1. A water heater comprising a tank, a pair of spaced partitions within said tank for dividing the same into an upper water storage compartment, a lower gas burner compartment, and an intermediate coil compartment, a

cold water supply pipe extending within said storage compartment, a coil within said intermediate compartment including inner and outer coil sections, the outer coil section having communication with said storage compartment to receive cold water therefrom, a pipe leading from the inner coil section upward into said storage compartment adjacent the top thereof, a water back having communication with the bottom of said inter-



mediate coil compartment for receiving the cool water adapted to be contained therein, an outlet in said water back disposed adjacent the top of said coil compartment, whereby heated water will circulate within said coil compartment to subject the coils therein to the action of heat, to heat the water passing therethrough, a burner disposed within said burner compartment beneath said water back, and an outlet pipe entering the top of said storage compartment for drawing hot water therefrom.

1,643,534. COLLAPSIBLE TIRE RIM. AUGUST T. J. BAHR, Kansas City, Mo., assignor to George B. Rooney, Fairview, Kans. Filed Oct. 28, 1926. Serial No. 144,201. 1 Claim. (Cl. 301-30.)

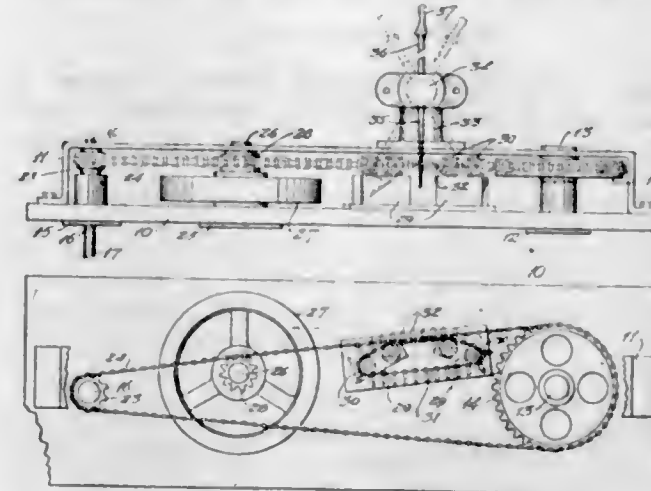


In a demountable rim comprising hinged sections having bias-cut free ends, the combination with a hook on one of said ends, of a pivoted locking lever on the other end, a rectangular yoke pivoted on the lever and adapted to engage said hook, and a pair of laterally disposed guide bars forming a groove on the face of the rim for said lever and yoke when the latter are in locked position.

1,643,535. BOAT-PROPELLING MECHANISM. JOHN BAKER, Brooklyn, N. Y. Filed Feb. 11, 1927. Serial No. 167,549. 5 Claims. (Cl. 115-24.)

1. In a boat propelling mechanism, an endless chain arranged for operative connection to a boat propeller, a second endless chain adjacent the first and having spaced fingers, said chains being arranged to cause the path of

one chain to approach and recede from one portion of the path of the other chain and thereby cause the fingers to project through the links of the first chain, and an



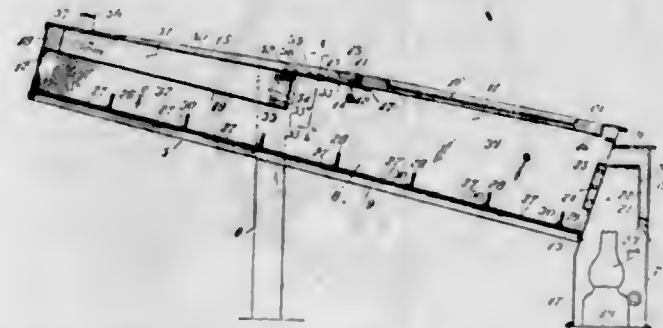
oscillatory lever fulcrumed adjacent the chains and having an end positioned to engage the fingers projecting through the first chain to move said chains.

1,643,536. GRAIN SPROUTER. BENJAMIN J. BASKERVILLE, Joliet, Ill. Filed Feb. 21, 1921. Serial No. 446,840. 7 Claims. (Cl. 47-16.)



1. In a grain sprouter, the combination of a receptacle containing a plurality of sprouting boxes, a source of heat at one end of said receptacle, said boxes being movable along the receptacle toward the source of heat so as to bring the boxes and their contents successively into proximity to the source of heat, and said source of heat being positioned so as to affect the contents of the different boxes in different ways.

1,643,537. OAT SPROUTER. BENJAMIN J. BASKERVILLE, Joliet, Ill. Filed Sept. 14, 1923. Serial No. 662,667. 19 Claims. (Cl. 47-16.)



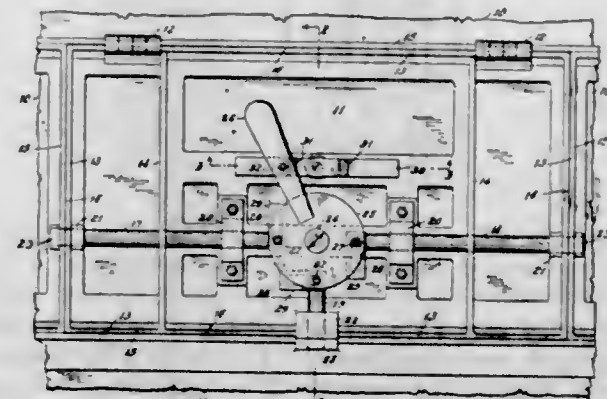
2. In a seed sprouter, in combination a chamber adapted to contain seed in process of germination, means in said chamber for compressing such seed, and a growing chamber in communication with the first mentioned chamber.

7. In a seed sprouter, an elongated chamber including a germinating space and a growing space, a hollow compression member in said germinating space, a heating device, means for admitting heated air from said heating device to said growing space and to the interior of

said compression member, and means for excluding the products of combustion of said heating device from the sprouter.

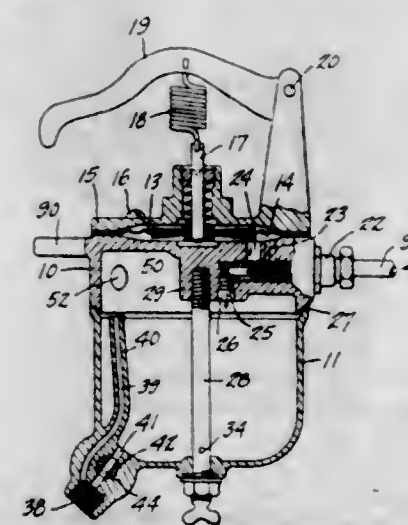
9. In a seed sprouter, an elongated chamber disposed in an inclined plane and including a germinating space and a growing space, a compression member in said germinating space, and means for moving the seeds serially from said germinating space to said growing space in a substantially uninterrupted sequence for propagating the seed.

1,643,538. CLOSURE-SECURING DEVICE. WILLIAM E. H. BELL, Glenside, Pa., assignor, by mesne assignments, to H. W. Butterworth & Sons Company. Original application filed Nov. 20, 1924. Serial No. 750,985. Divided and this application filed June 1, 1925. Serial No. 34,005. 2 Claims. (Cl. 292-37.)



1. In a securing mechanism for swinging closures, in combination, a plurality of securing bolts extending to different edges of the swinging closure, and mounted for projection for cooperation with closure jambs for securing said closure in closed position, a rotary shifter plate for said bolts mounted upon the closure intermediate the edges thereof, a pin and slot connection between each of said bolts and said shifter plate, the longitudinal axes of the slots of said pin and slot connections, at the points of contact with the pins of said connections, being substantially at right angles to the radii of said plate intersecting the respective pins when the bolts are in securing positions, an operating handle for said shifter plate and a pair of spring-pressed lugs cooperating with said handle and automatically operative to hold said shifter plate and securing bolts in closure securing position or in releasing position.

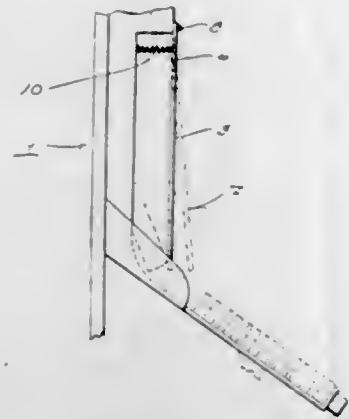
1,643,539. LIQUID-FUEL-SUPPLY MECHANISM FOR MOTOR VEHICLES. ENNA BOSSI, New York, N. Y. Filed Jan. 18, 1926. Serial No. 82,155. 3 Claims. (Cl. 158-46.5.)



1. In combination, a fuel pump connected to a fuel supply source, said pump having a casing, a reservoir having a bolt extending substantially through the center thereof

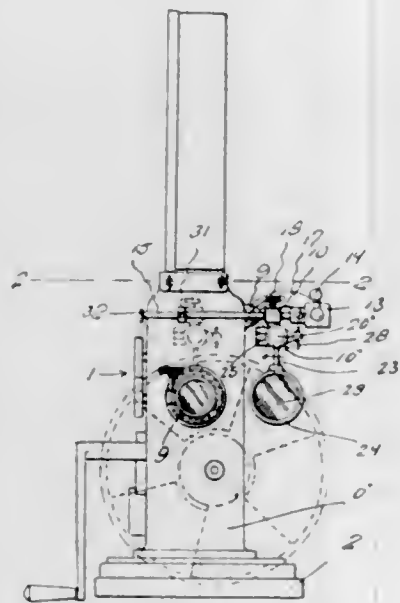
and connected to a portion of said casing to detachably join it to the reservoir, an aperture adjacent the bottom of the bolt extending to a point outside the reservoir and a plug positioned outside the reservoir and screwed into said aperture for opening and closing the same.

1,643,540. GALLEY-SLUG ADJUSTER. RODNEY THOMAS BUNN, Danville, Va. Filed Sept. 18, 1926. Serial No. 136,319. 2 Claims. (Cl. 199-61.)



1. A galley slug adjuster comprising a hanger and attaching block provided adjacent its top with a horizontally elongated opening for passage of an attaching bolt and having its lower portion bifurcated, a depending bar having its upper end located between the furcations on said blocks, a pivot pin connecting said bar with said furcations, the pivot pin being located at a point downwardly of the upper end of said bar, an inwardly extending stud carried by the upper end of the bar, the stud being located above the pivotal connection, the lower end of the said bar being beveled on its inner side, and a coiled spring surrounding said stud.

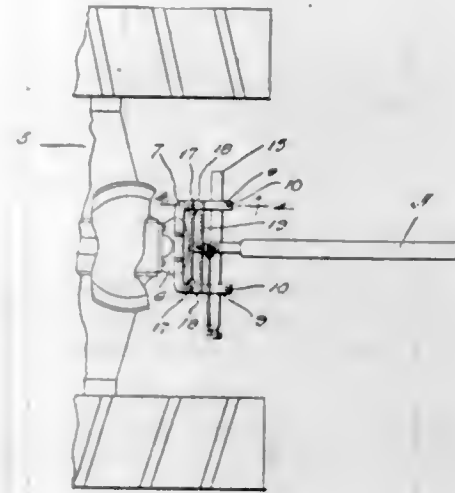
1,643,541. STEREOPTICON FOR MOTION-PICTURE PROJECTORS. BENDER A. CAWTHON, Jacksonville, Fla. Filed Nov. 4, 1925. Serial No. 66,730. 3 Claims. (Cl. 88-24.)



2. A stereopticon attachment for motion picture projectors, comprising a substantially universally adjustable structure mounted on the projector having a carrier rod extending transversely to the vertical plane of the projection axis of said projector, a carrier member slidably

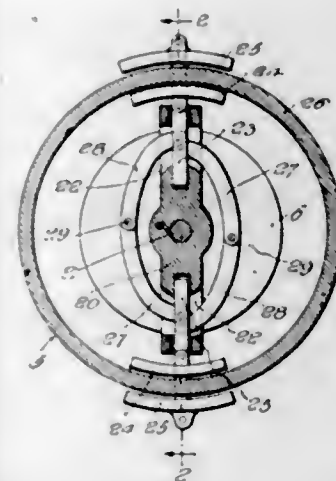
adjustable on said carrier rod, means for limiting the adjustment of said carrier member to provide an operative and inoperative position for a lens, and a lens carrier universally mounted on said carrier member.

1,643,542. SHIFTING TRACTOR HITCH. PARLEY A. CHAFEA and OTTMAR R. GRUBER, Bridgewater, Iowa. Filed Nov. 27, 1926. Serial No. 151,115. 4 Claims. (Cl. 280-33.10.)



1. In a tractor hitch, a member rigidly secured to the tractor draw bar, a cross bar slidably associated with the member, one end of said cross bar being disposed upwardly, a vertical lever pivotally supported adjacent its lower end on said rigid member, a link rod connecting the lower end of said lever with said upwardly disposed end of the slidable cross bar, whereby said cross bar to which an agricultural implement is connected may be shifted, with respect to the tractor in a transverse direction, when the upper end of the lever is actuated, and means for locking the lever in any predetermined shifted position.

1,643,543. CLUTCH. JOEL E. CRADDICK, Los Angeles, Calif. Original application filed May 21, 1923, Serial No. 640,522. Divided and this application filed Dec. 14, 1925. Serial No. 75,390. 4 Claims. (Cl. 192-41.)



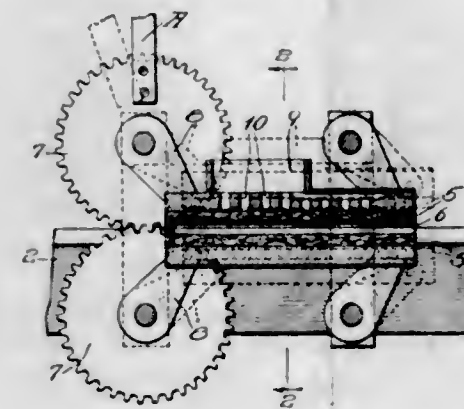
1. A clutch comprising a shaft, a clutch wheel on said shaft having a circumferential laterally extending flange, a floating shoe-carrier rotatably mounted on the shaft near the wheel, inner and outer shoes on said carrier for engagement with the inner and outer sides of said flange, and links connected to said shoes for applying and releasing the latter, said links being adapted for connection to an extraneous operating member.

1,643,544. CAR-PLATFORM CRADLE FOR CAR WHEELS. JOHN P. CUSHNYR, Ashtabula, Ohio. Filed Apr. 19, 1926. Serial No. 103,126. 2 Claims. (Cl. 188-32.)



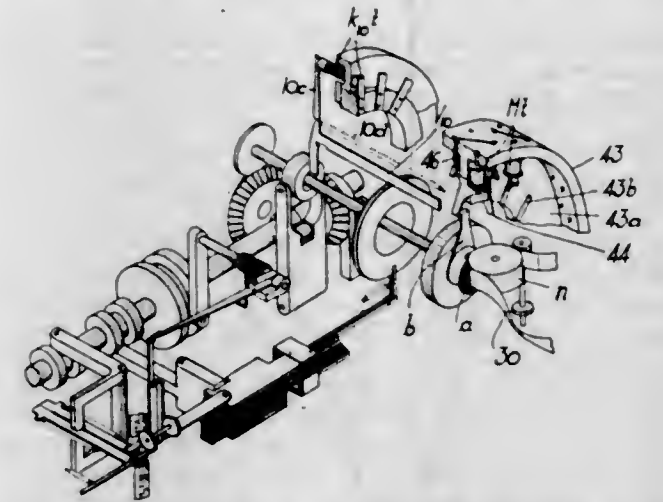
2. In combination with a car platform of a wheel cradle comprising side webs with curved upper edges, a transverse web connecting the wedges near their top, base plates between the upright webs at their ends secured to the platform; and upright webs extending from the ends of the transverse web to the base plates.

1,643,545. TUBE-CLEANING APPARATUS FOR TINUING PURPOSES. CHARLES D. DALLAS, Winnetka, Ill. Filed Oct. 21, 1922. Serial No. 595,996. 10 Claims. (Cl. 266-7.)



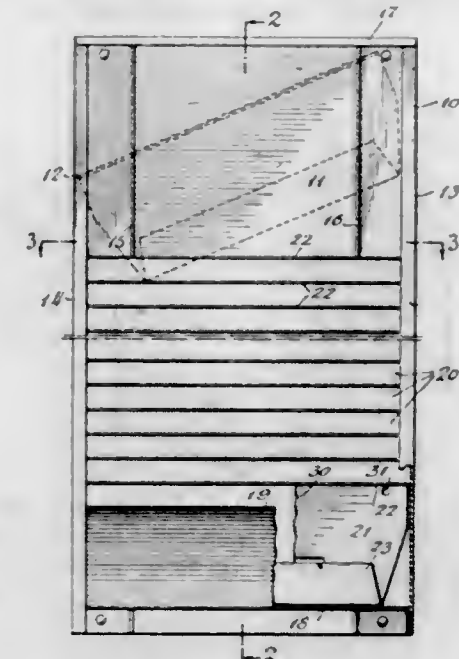
4. Cleaning apparatus of the kind described comprising a pair of cooperating absorbent wiping members, and means for operatively supporting the same, in combination with mechanism for moving said members toward and from each other.

1,643,546. APPARATUS FOR DECIPHERING CIPHER MESSAGES. ARVID GERHARD DAMM, Ronninge, Sweden. Filed Aug. 29, 1924. Serial No. 734,904, and in Sweden Sept. 10, 1923. 3 Claims. (Cl. 35-13.)



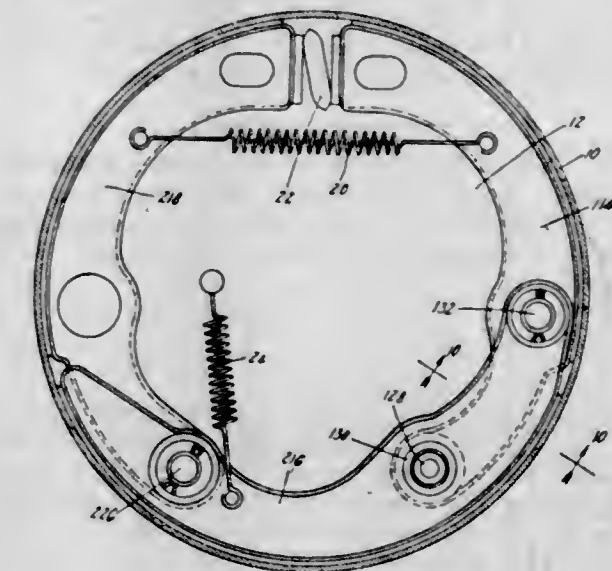
1. The combination with a printing mechanism of the character specified having selector arms, a printing wheel and a stop arm for said wheel, and an electro-cryptographic mechanism comprising a reversing switch and ciphering cylinders; of an electric contact pertaining to each selector arm, said contacts closing circuits through or past said cylinders, an electro-magnet in each circuit and a movable member for each magnet, which member when actuated is placed in the path of said stop-arm to selectively stop said wheel.

1,643,547. INDEX RACK. WILLIAM P. DE SAUSSURE, Jr., Englewood, N. J. Filed Oct. 12, 1925. Serial No. 61,927. 10 Claims. (Cl. 129-16.)



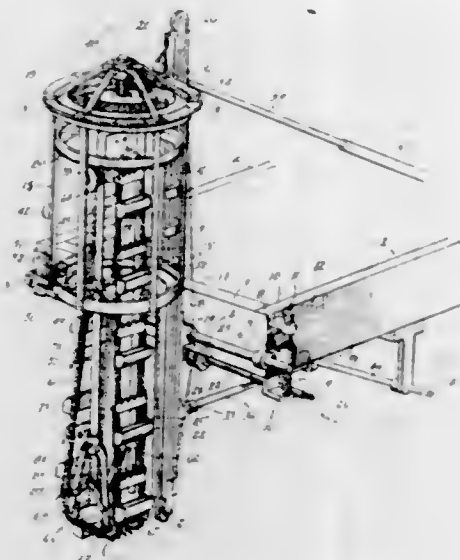
1. An index rack, comprising a rack frame, and a plurality of card-holders slidably mounted in inclined overlapping relation in the rack frame, each card-holder having a rearward projection adapted to support the lower edge of the holder next above, and the rack frame having a longitudinally extending bearing for engaging the bottom edges of the holders and having means whereby the holders are caused to assume a forwardly inclined position in the frame with their rearward projections extending rearwardly beyond the bearing face of said bearing.

1,643,548. BRAKE. ADIEL Y. DODGE, South Bend, Ind., assignor to Bendix Brake Company, Chicago, Ill., a Corporation of Illinois. Filed May 22, 1926. Serial No. 110,853. 10 Claims. (Cl. 188-78.)



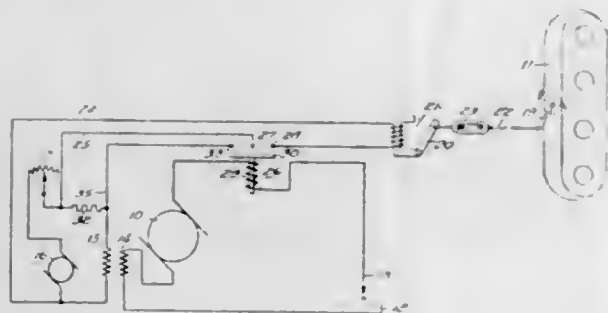
1. A brake including a pair of shoes, each of which is formed with a cylindrical arcuate friction portion and with a stiffening web projecting radially of the shoe and arranged between the edges of the friction portion and at one side of the center of the shoe and which is in substantially the same plane from one end of the shoe to the other, the stiffening web of one shoe being on the opposite side of the central plane of the shoes from the other, and the stiffening webs of the two shoes overlapping each other at the adjacent ends of the shoes, together with means for taking braking torque from the overlapped parts of the stiffening webs.

1,643,549. HOLE-DIGGING MECHANISM. JAMES O. DONNELLY, Herndon, and FRANCIS D. SIMMINGER, Lu-dell, Kans. Filed Jan. 25, 1926. Serial No. 83,462. 3 Claims. (Cl. 255-21.)



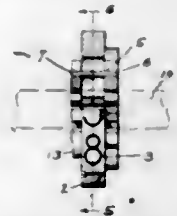
3. In a machine of the character described, a supporting frame, a ring gear fixed within said frame, a conveyer frame disposed within the supporting frame coaxially of the ring gear and comprising parallel, opposite side bars extending substantially below the lower end of the supporting frame, a cross head joining the upper ends of said bars, a shaft extending upwardly from the cross head in the axial line of the frame, a driving gear on the said shaft, a horizontal shaft extended revolubly through the upper ends of said bars, a gear at the end of said shaft operating in mesh with the ring gear, a pair of sprocket wheels on said shaft between the side bars, a pair of arms at the lower end of each of said bars, means for adjusting the arms of each pair from and toward each other, cross shafts carried revolubly by corresponding arms of each pair, sprocket wheels on said shafts, endless conveyer chains operating about the wheels at upper and lower ends of the frame, cross bars carried by the chains, teeth on said bars and earth removing buckets carried by the conveyer chains.

1,643,550. ENGINE CONTROLLER FOR WELDING SYSTEMS. ROYAL E. FRICKEY, San Francisco, and ARION E. KALENBORN, Redwood City, Calif. Filed Dec. 26, 1925. Serial No. 77,698. 10 Claims. (Cl. 299-40.)



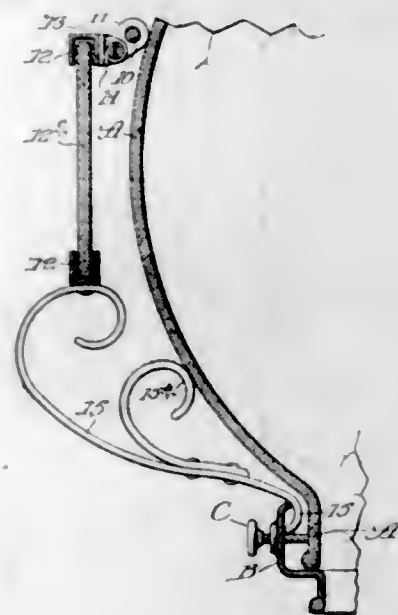
1. A welding system comprising a welding circuit, a generator associated with the welding circuit and adapted to supply a normal operating power output to the same, means for causing the power output in the welding circuit to be less than normal for a substantial interval upon initially closing the welding circuit, means for driving the generator, and means responsive to the closing of the welding circuit to cause said means to initially accelerate the speed of the generator.

1,643,551. REGISTER DIAL. CARL M. F. FRIDEN, Oakland, Calif. Filed Apr. 13, 1926. Serial No. 101,657. 13 Claims. (Cl. 235-1.)



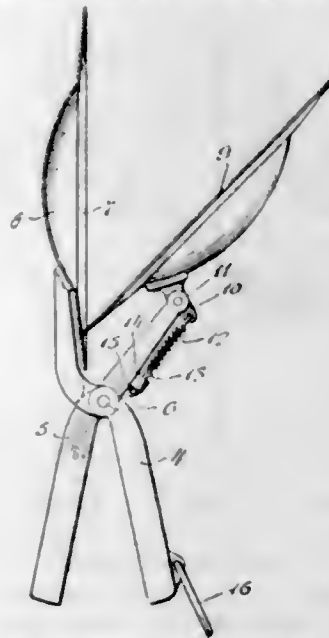
1. A register dial comprising an annular body provided on its periphery with numerals, a flat metallic band disposed within said body, ears on the band extending beyond both sides of the body and operative metallic elements contiguous with the body engaged by said ears.

1,643,552. STREET SIGN. HELEN C. GATCHELL, Chicago, Ill. Filed Dec. 6, 1926. Serial No. 152,839. 7 Claims. (Cl. 40-131.)



1. A street sign comprising, in combination, a transparent globe, a support therefor, a ring adapted to fit around the upper part of said globe, inwardly projecting lugs spaced at intervals on said ring and adapted to bear upon said globe, sign carrying frames hingedly mounted on said ring, and means for steadying said frames.

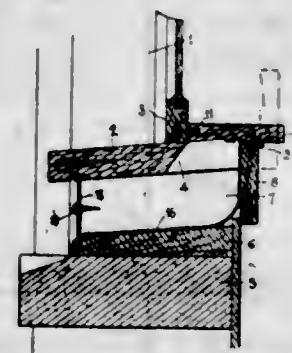
1,643,553. OPERATING DEVICE FOR CYMBALS. WILLIAM DAVID GLADSTONE, New York, N. Y. Filed Oct. 31, 1925. Serial No. 65,914. 12 Claims. (Cl. 84-402.)



1. In a musical instrument, pivotally connected supporting members, and a cymbal carried by each member,

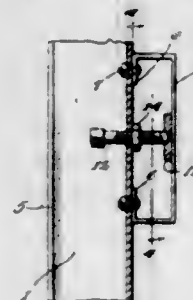
one of said cymbals having a movement relative to its supporting member to produce a wiping engagement with the other cymbal when said members are operated to clash the cymbals.

1,643,554. VENTILATING-WINDOW CONSTRUCTION. JAMES A. GLASS, Windsor, Ontario, Canada. Filed May 2, 1925. Serial No. 27,367. 2 Claims. (Cl. 98-88.)



1. In a ventilating window construction, the window frame having a sill and having a ventilating passage beneath said sill, a casing member interiorly secured to said frame, a stool pivoted upon said casing member and variably controlling said passage, and a sheet-metal liner for said passage having a yieldable portion upwardly extending adjacent to said casing member and having sealing engagement with said stool in the seated position of the latter.

1,643,555. VEHICLE GUARD. EDWARD C. GLEDHILL, Gallon, Ohio. Filed Aug. 26, 1925. Serial No. 52,626. 4 Claims. (Cl. 256-1.)



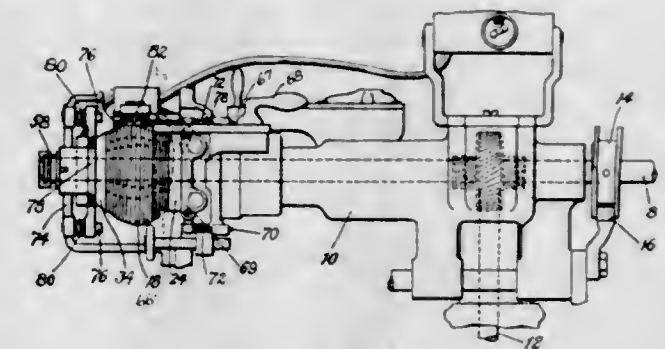
1. A guard for the purpose set forth comprising posts arranged at intervals along the side of a roadway, and rails secured to the front faces of the posts, said rails having open back portions and closed face portions, the face portions being spaced from the posts and extending vertically and positioned at such height above the surface of the roadway as to be engaged by the hubs of a skidding standard motor vehicle and check the movement of the same.

2. A guard comprising a plurality of posts, rail sections having back portions secured directly to the posts and having front face portions in front of and spaced from the posts, the meeting ends of aligned sections abutting in front of a post, a bridging member disposed against the rear sides of the front face portions of the rail sections at the meeting ends thereof whereby to overlap said ends and maintain them in flush relation, and a support for said bridging member mounted in the post and bearing against the back of the bridging member to bind the same against the rail sections.

1,643,556. FINISHING MACHINE. GEORGE GODDU, Winchester, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Nov. 13, 1922. Serial No. 600,491. 31 Claims. (Cl. 12-77.)

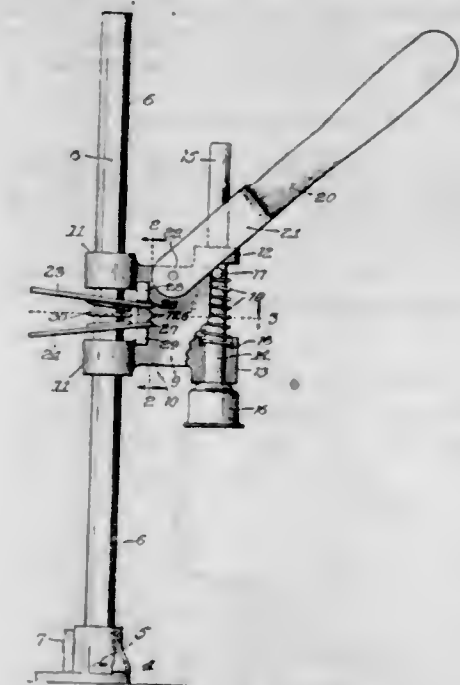
6. In a machine of the character described, a burnishing tool comprising a holder, a series of rubbing elements,

each pivotally mounted on the holder and having an arm extending towards the tool axis, and a templet engaging the arms and having a predetermined relation to the contour of the work to cause the elements generally to as-



sume said contour, said engagement of the templet with the arms having provision for lost motion to allow said rubbing elements to swing in and out to find the minor irregularities in the work.

1,643,557. BOTTLE-CAPPING MACHINE. SIGMUND L. GOLDMAN, Chicago, Ill., assignor to Red Sun Products Co., Chicago, Ill., a Corporation of Illinois. Filed Jan. 27, 1926. Serial No. 84,088. 6 Claims. (Cl. 226-84.)



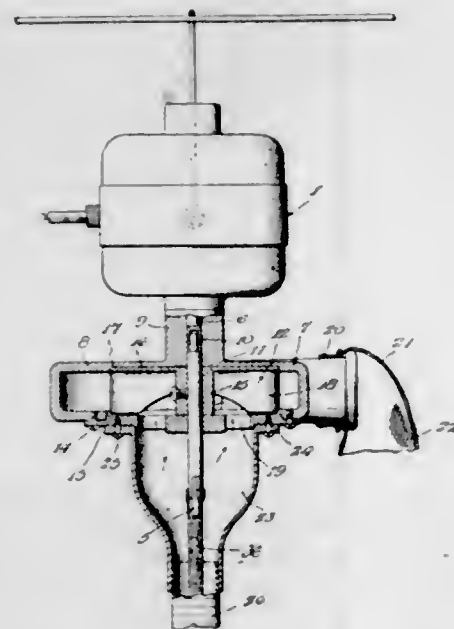
6. A capping machine comprising an upright of a cross-sectional shape partially circular and presenting a flat side portion, a capping head having spaced apart bosses containing circular openings therethrough through which said upright extends, said head being provided at its opposite edge with sets of shoulders spaced apart, and means on said head engaging said upright and preventing turning of said head thereon comprising plates containing openings therethrough through which said upright extends, said plates being located in the space between said bosses, the inner ends of said plates containing recesses flanked by spaced apart lugs, said lugs lapping said sets of shoulders, respectively, to fulcrum thereon, and a spring interposed between said plates and yieldingly forcing the latter in opposite directions, the openings in said plates being of a shape corresponding substantially to the cross-sectional shape of said upright thereby forming an interlock between said plates, and said upright preventing said plates, and therefore said head, from turning on said upright.

1,643,558. BALL COCK. CHARLES H. GUNN, San Francisco, Calif. Filed Feb. 1, 1926. Serial No. 85,205. Renewed Mar. 4, 1927. 3 Claims. (Cl. 137-104.)



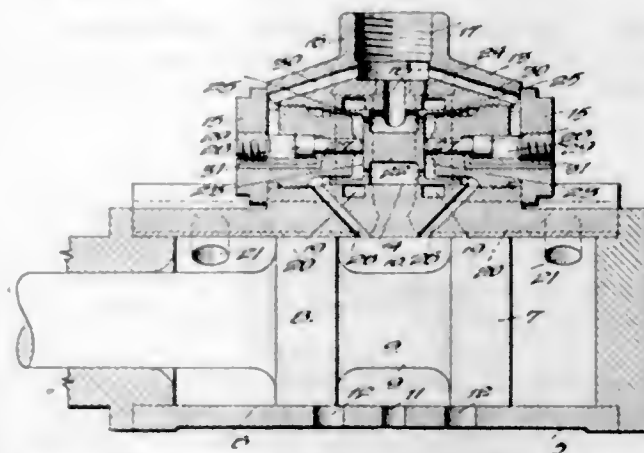
1. A ball cock including a vertical barrel, an enlarged casing in the top of which the lower end of the barrel is fixed, a water intake member projecting upwardly into the casing in alignment with the barrel, said member being open at its upper end, and a float controlled plunger in the barrel to engage and close the upper end of said member; the casing having outlets in its bottom.

1,643,559. HAIR CLIPPER. ALLIE H. HICKS, Omaha, Nebr. Filed Aug. 28, 1925. Serial No. 53,159. 2 Claims. (Cl. 30-1.)



1. In combination with an electric motor, clipper mechanism and a flexible shaft between the said motor and clipper mechanism, of a shaft forming coupling means between the shaft of the motor and said flexible shaft, a casing secured to the casing of the motor and having the coupling shaft mounted therein and provided with an inlet and an outlet, a funnel shaped coupling attached to the inlet side of the casing, a suction creating member within the casing and secured to the said coupling shaft, a nozzle adjacent the clipper mechanism and a conduit receiving and housing the flexible shaft and forming connecting means between the said nozzle and the funnel shaped coupling.

1,643,560. FLUID-ACTUATED TOOL. AUGUST H. KATZBERG, Denver, Colo., assignor to The Denver Rock Drill Mfg. Co., Denver, Colo., a Corporation of Delaware. Filed June 6, 1922. Serial No. 566,301. 16 Claims. (Cl. 121-18.)



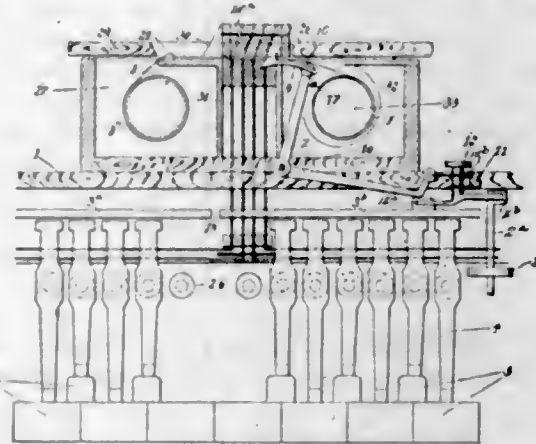
1. The combination with a cylinder member having a piston chamber and a piston operating in the piston chamber, of means for supplying actuating fluid to the piston chamber on opposite sides of the piston, a distributing valve controlling said supply and movable between opposite extreme positions and an intermediate position in which latter position it cuts off fluid simultaneously to both sides of the piston, and means for automatically shifting the valve between and temporarily holding it in its extreme positions and in said intermediate position.

1,643,561. GASKET. ARCH H. KINZEL, Akron, Ohio. Filed Nov. 25, 1925. Serial No. 71,368. 2 Claims. (Cl. 288-1.)



1. A gasket, comprising a resilient, corrugated, metallic disc having strands of packing material in the troughs of the corrugations to provide a substantially flat surface, and a sheet of ductile metal secured on said disc so as to overlie said troughs and resting upon the crests of the corrugations to confine said strands therein.

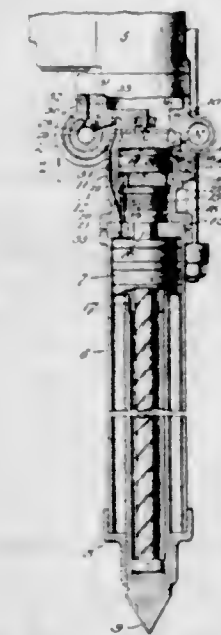
1,643,562. KEYBOARD MUSICAL INSTRUMENT. STANISLAUS KUCHARSKI, Berlin, Germany. Filed Apr. 1, 1925. Serial No. 19,932, and in Germany Mar. 29, 1924. 5 Claims. (Cl. 84-105.)



1. A player device for key instruments comprising a frame, a plurality of striking fingers fulcrumed on said

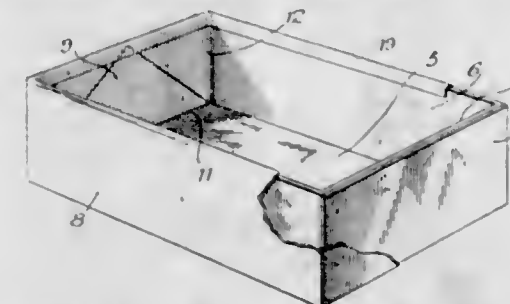
frame and disposed above respective keys, each of said fingers having a movable iron element, a respective electromagnet fixed to said frame to move said element, means to selectively energize the electromagnets according to the notes to be struck, and an actuating member to depress the selected fingers.

1,643,563. ROCK DRILL. GUSTAVE M. NELL, Denver, Colo., assignor to The Denver Rock Drill Manufacturing Company, Denver, Colo., a Corporation of Delaware. Filed Nov. 9, 1920. Serial No. 422,821. 10 Claims. (Cl. 121-9.)



1. The combination with a tool-actuating motor, of extensible feeding means therefor comprising fluid actuated slidable telescoping members, a rotatable brake device rotated by said members on their slidable movement, fluid operated means for affording resistance to the rotation of the brake device, and manually actuated means for controlling the flow of fluid to said fluid operated means to vary the amount of resistance it imparts.

1,643,564. REINFORCED PAPER BOX. ALBERT D. SEILER, Mount Joy, Pa., assignor of one-half to Loren P. Somer, Mount Joy, Pa. Filed Feb. 2, 1926. Serial No. 85,535. 2 Claims. (Cl. 229-23.)

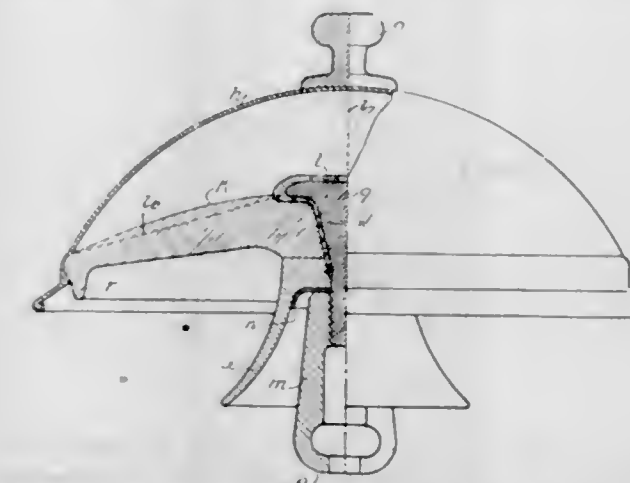


1. A cardboard box constructed from a blank and comprising a bottom portion, side portions, and end portions formed of flaps on said side and bottom portions, said flaps having their contiguous edges abutting one another for substantially their full lengths; and separate cardboard pieces co-dimensional with the box cross-section secured to said flaps throughout substantially their entire surfaces on the exterior of the box thereby providing increased supporting strength for the purpose set forth.

1,643,565. HIGH-TENSION INSULATOR. ALEXANDER SIMON, Munich, Germany. Filed July 10, 1925. Serial No. 42,695, and in Germany Oct. 12, 1922. 4 Claims. (Cl. 173-318.)

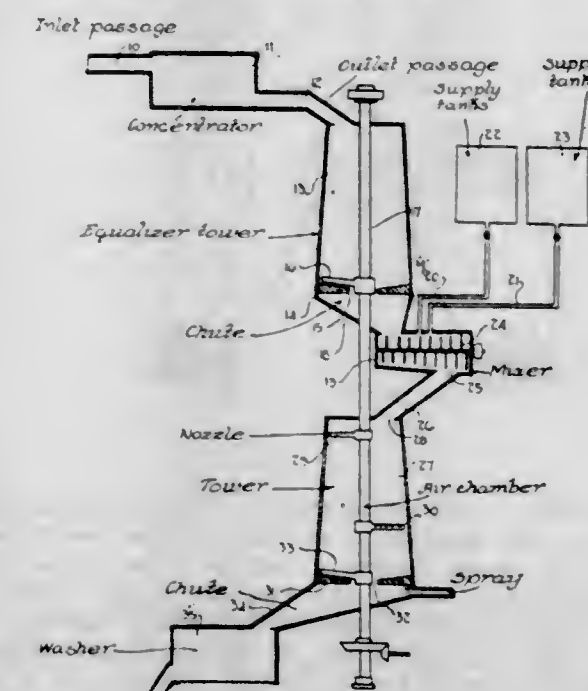
1. In a high tension electrical insulator, the combination comprising an umbrella shaped insulating body hav-

ing an internal bore for the reception of an electrode, an electrode in said bore, a convexly curved metallic cap, constituting a second electrode, so superimposed upon said body as to include a gap with said body, and an insulating medium in said gap, the said insulating body and the said cap being so shaped and arranged with respect to each other that the shortest distance lines drawn from given points on said cap to the surface of the first named electrode and extending within the insulator are approximately proportional to the average dielectric coefficients measured along said lines.



2. In a high tension electrical insulator, the combination comprising an umbrella shaped insulating part having an axial bore, an electrode arranged within said bore, a cap of conducting material forming the other electrode and being so shaped and arranged as to contact the rim of said part and to include a gap therewith which continuously increases from said rim toward the axis of said body, the said cap being spaced from the first named electrode by a definite distance in axial direction, and a gaseous insulating medium within said gap, the ratio of said distance to the radial distance between the rim of said part and said electrode being substantially equal to the ratio of the average dielectric coefficients measured along the respective lines of said distances.

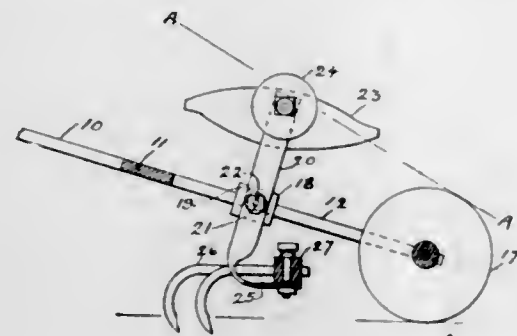
1,643,566. PROCESS FOR BLEACHING AND THE LIKE PURPOSES. CARL BUSCH THORNE, Hawkebury, Ontario, Canada. Filed Oct. 16, 1925. Serial No. 62,873. 11 Claims. (Cl. 8-2.)



1. In a process of the character described, consisting in concentrating the pulp for feeding purposes, then directing the feed into an enclosed passage and discharging it at the same rate, and thereby maintaining a column

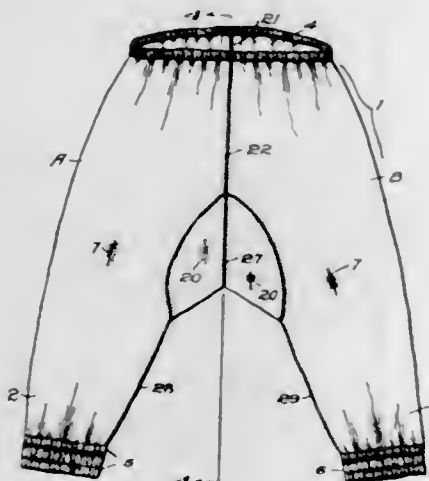
affording constantly even pressure, then mixing the discharged pulp in passage with bleaching agent and water and discharging it to the bleaching area and continuously delivering the bleached pulp at the same rate as the original feed.

1,643,567. COMBINED PLOW AND CULTIVATOR. WILLIAM VAN ARSDALE, Auburn, N. Y. Filed Mar. 11, 1927. Serial No. 174,610. 3 Claims. (Cl. 97-59.)



1. In an invertible device of the class described, the combination of a cultivator implement and a supporting frame therefore; said implement comprising an L-shaped bar mounted on the frame and cultivating members on said arms situated on opposite sides of the frame in such relative positions that one of said members is operative while the other member is idle, and means for adjustably securing the long arm in substantially perpendicular direction of the frame.

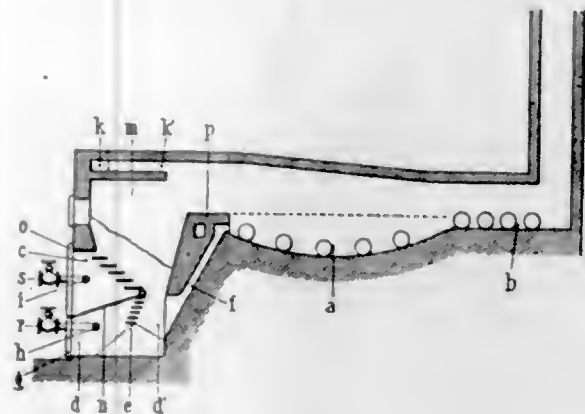
1,643,568. WOMAN'S UNDERGARMENT. HARRIET LYONS REDMOND, Needham, Mass., assignor to The William Carter Company, Needham Heights, Mass., a Corporation of Massachusetts. Filed Apr. 20, 1925. Serial No. 24,313. 1 Claim. (Cl. 2-224.)



In a woman's undergarment of the bloomer type having a body and leg portions, a crotch formation comprising two crescent-shaped gussets of one or more thicknesses of knitted fabric having the knitting wales extending longitudinally of said gussets, substantially parallel to a line connecting the points of the particular gusset, whereby said gussets are of greater elasticity in a direction perpendicular to said line and transversely of the gusset. In the direction of its least dimension, said gussets being seamed together along their concave edges and positioned in the garment crotch with said edges and seam extending through the crotch from front to

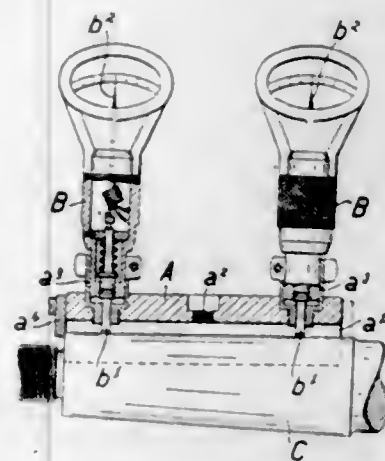
rear, whereby lateral expansibility is afforded the garment over areas of substantial vertical extent at the front and the rear in the region of the crotch and also vertical expansibility is provided in and through the garment crotch.

1,643,569. FURNACE FOR HEATING OR MELTING METALS. ARTUR ZILLIACUS, Dalsbruk, Finland. Filed Mar. 25, 1926, Serial No. 97,425, and in Germany Mar. 28, 1925. 6 Claims. (Cl. 263-2.)



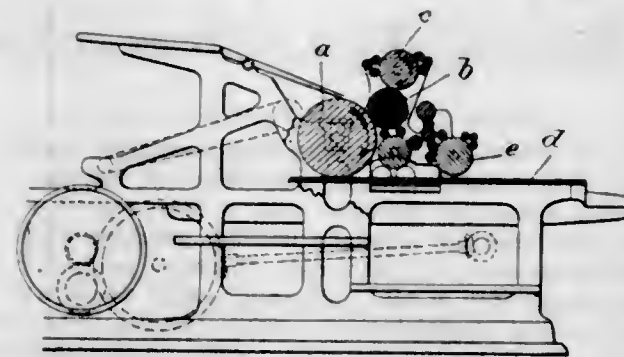
1. A furnace for heating metal, comprising a hearth, means for producing a layer of a protective gas on said hearth for enveloping the metal on said hearth, and means to pass a heating flame across said hearth and above said protective gas.

1,643,570. IMPLEMENT FOR TESTING CONES. MAX BARTHOLDY, Essen, Germany, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Filed July 8, 1924, Serial No. 724,884, and in Germany July 13, 1923. 4 Claims. (Cl. 33-174.)



1. An instrument for testing conical bodies comprising a gauge carrier, and a gauge carried thereby, said gauge having a feeling bolt adapted to feel the surface of a conical body to be tested, said carrier being preliminarily fitted to a standard conical body for setting the gauge to a standard index, said carrier being then applied to a conical body to be tested, said carrier having bearing means adapted to automatically adjust it in the same position on the conical body to be tested as on the standard conical body, a deviation from the standard being directly indicated by said gauge upon such application.

1,643,571. DEVICE FOR PRODUCING OFFSET PRINTS. HERMAN BIELEFELDT, Berlin, Germany. Filed Feb. 14, 1925, Serial No. 9,270, and in Germany Feb. 23, 1924. 8 Claims. (Cl. 101-173.)



1. Cylinder printing machine comprising a frame, an impression cylinder rotatably supported in said frame, a plate cylinder and a rubber cylinder rotatably supported in said frame, said rubber cylinder being inserted between said impression cylinder and said plate cylinder and adapted to transfer one colour from said plate cylinder onto said impression cylinder, a rubber plate mounted for reciprocation and contacting with said impression cylinder and means for depositing another colour on said rubber plate.

1,643,572. CASING CUTTER. MILLARD S. BLACK, Huntington Park, Calif. Filed Nov. 18, 1925. Serial No. 69,793. 8 Claims. (Cl. 81-195.)



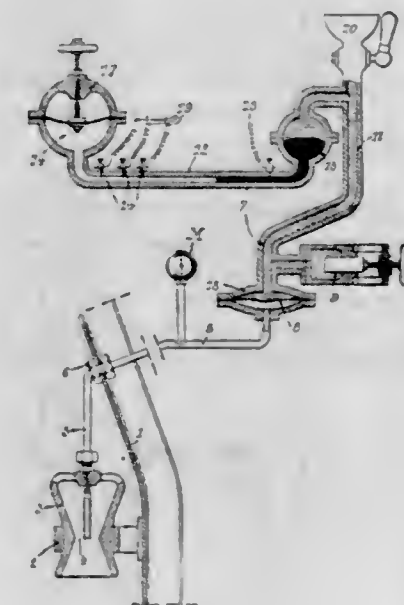
1. In a tool to be operated in a casing, a body, a part carried by the body operable to act on the casing, a tail piece connected with the body to frictionally engage the casing, an operating part movably related to the body to actuate said first mentioned part, and anchoring means operable to hold the body in position in the casing during operation of said part, said anchoring means including a roller movable into pressure engagement with the casing.

1,643,573. GOLF SHAFT OR THE LIKE. DWIGHT F. BOYDEN, Boston, Mass. Filed July 31, 1926. Serial No. 126,141. 14 Claims. (Cl. 273-80.)



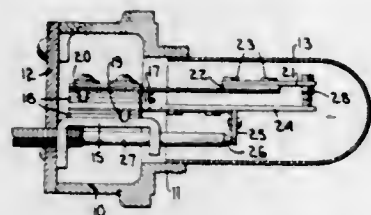
1. A shaft comprising a driving or head end made entirely of solid material particularly adapted for absorbing torsional and bending strain, and a grip end made entirely of a different material capable of giving great power to the driving stroke, said materials complementally overlapping intermediate the head and grip ends.

1,643,574. AUTOMATIC GOVERNOR FOR MARINE ENGINES. EUGENE FRANÇOIS JOSEPH BRELAND, Paris, France. Filed Mar. 9, 1926. Serial No. 93,501, and in France Nov. 5, 1925. 5 Claims. (Cl. 137-157.)



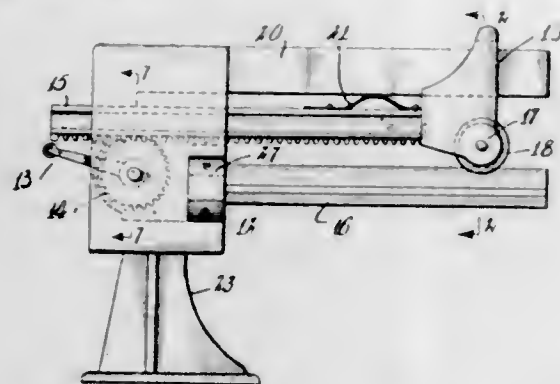
1. On a ship the combination with a propeller and the engine, of an automatic governor comprising a bell adapted to be immersed into the water in close vicinity to said propeller, said bell being open at both ends and having substantially the shape of a Venturi nozzle, means for registering the water pressure in the restricted part of said bell and means for regulating the speed of said engine and adapted to be controlled by said pressure registering means.

1,643,575. HEAT-CONTROLLING DEVICE. WARREN FRANKLIN CLARK, Cleveland, Ohio. Filed July 14, 1921. Serial No. 484,802. 4 Claims. (Cl. 200—139.)



1. In a thermostat, the combination with a support of a heat responsive bar and a flexible member projecting in the same direction therefrom, said bar and member having co-operating electric contacts and said member having a lateral extension, and a screw carried by said support parallel to said bar and member and movable longitudinally of said member and engaging said extension whereby the device is adjusted.

1,643,576. BOX-JOINT-GROOVING MACHINE. ANGELO COLONNA, Philadelphia, Pa. Filed Aug. 24, 1925. Serial No. 52,057. Renewed Aug. 13, 1927. 2 Claims. (Cl. 113—34.)



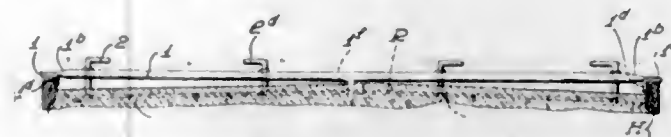
1. In an apparatus for forming grooves or seams, the combination of a frame formed with an aperture, said aperture being square at the front end, formed with a shoulder in the central portion, and round at the rear end, a forming tool engaged in said aperture, having a square portion engaging the square portion of said aperture, a central round portion, and a round shoulder at its rear end, and an expansion spring acting between said shoulders.

1,643,577. HOLLOW LIGHT-METAL GIRDER. CLAUDIUS DORNIER, Friedrichshafen-on-the-Bodensee, Germany, assignor to the Firm: Dornier, Metallbauten Gesellschaft mit beschränkter Haftung, Friedrichshafen, Germany. Filed Apr. 30, 1923. Serial No. 635,479½. and in Germany Aug. 21, 1922. 1 Claim. (Cl. 189—37.)



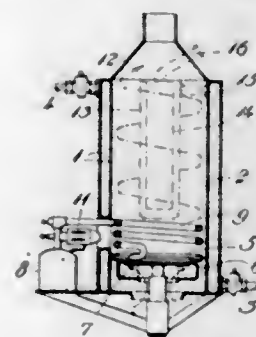
A structural metallic member comprising two light sheet metal channels combined in such manner that their flanges overlap one another almost entirely, one of two adjoining flanges being corrugated longitudinally the other one being flat, and means for rigidly connecting the flanges.

1,643,578. MEANS FOR POSITIONING PAVEMENT REINFORCING. WILLIAM D. EATON and WALTER T. LAMB, Jacumba, Calif. Filed Jan. 13, 1927. Serial No. 160,985. 5 Claims. (Cl. 94—39.)



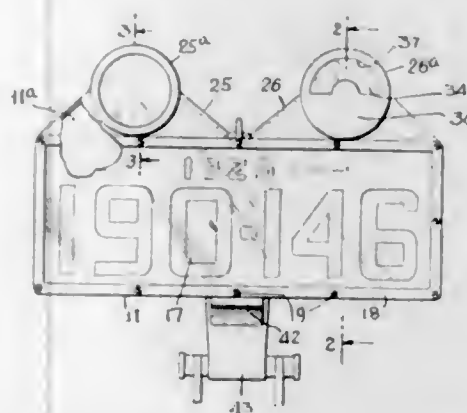
1. In a means for positioning pavement reinforcement, a horizontal support secured to the headers at its opposite ends and provided with a plurality of vertical holes therethrough, a handle member provided with right angle turns on its opposite ends, the main portion extending through each of said holes, and means mounted on the main portion of said handle member adapted to be shifted thereon for adjusting the position of said handle member relative to said support.

1,643,579. FLUID-FUEL BURNER. ERIK OTTO ERIKSSON and GUSTAV VILHELM JOHANSSON, Stockholm, Sweden. Filed May 1, 1923. Serial No. 636,004, and in Sweden Feb. 24, 1923. 3 Claims. (Cl. 158—63.)



1. A fluid-burner, comprising a tubular ring mounted for rotation, said ring being split along its periphery, and a nozzle extending through the split into the ring for delivering fuel thereto, the direction of the nozzle with relation to the ring being such that the fuel delivered by the nozzle will cause the ring to rotate.

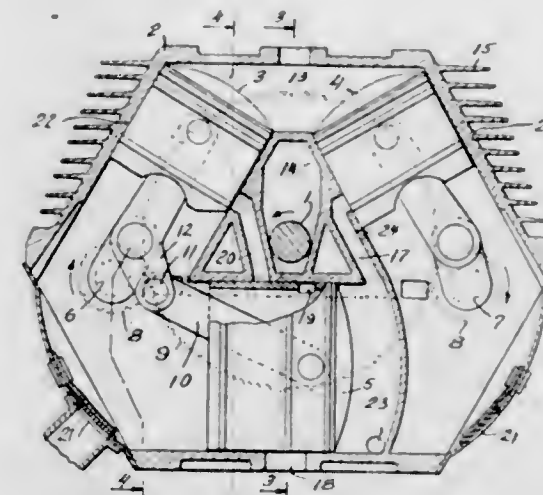
1,643,580. LICENSE-PLATE HOLDER. ERNEST L. ETHERIDGE, Brooklyn, N. Y. Filed Aug. 22, 1925. Serial No. 51,739. 4 Claims. (Cl. 177—329.)



1. A device of the class described comprising an elongated box-shaped casing, the upper end portion of which extends into two substantially conical members terminating in cylindrical bodies, a chamber in said casing opening into said extensions, means for mounting electric bulbs in connection with the cylindrical bodies of said extensions to expose said bulbs to the chamber of said casing, said casing being open at the front and a transparent panel for closing said opening, means for detachably supporting a license plate in connection with said casing to expose the numbers thereof through the

opening in said casing, means for mounting a red tall light in connection with one of said cylindrical bodies, and the other of said cylindrical bodies being divided into separate chambers, one of which is exposed to the chamber of the casing, and means for mounting an electric bulb in connection with the other of said chambers to provide a stop light signal exposed through said cylindrical body.

1,643,581. INTERNAL-COMBUSTION ENGINE. ERICH JUNGE, Staten Island, N. Y. Filed Aug. 29, 1924. Serial No. 734,863, and in Germany Oct. 19, 1923. 7 Claims. (Cl. 60—15.)



1. An internal combustion engine of the class described comprising three interconnected cylinders forming a continuous chamber disposed about a common center portion of substantially triangular conformation, and power developing pistons reciprocating in said respective cylinders in parallelism with the respective sides of said center portion.

1,643,582. TEMPERATURE-RESPONSIVE APPARATUS. CHARLES A. MARTIN, Chicago, Ill., assignor to Leeda & Northrup Company, Philadelphia, Pa., a Corporation of Pennsylvania. Original application filed Jan. 8, 1924. Serial No. 684,946, Patent No. 1,550,272, dated Aug. 18, 1925. Divided and this application filed Aug. 29, 1924. Serial No. 734,837. 6 Claims. (Cl. 136—4.)

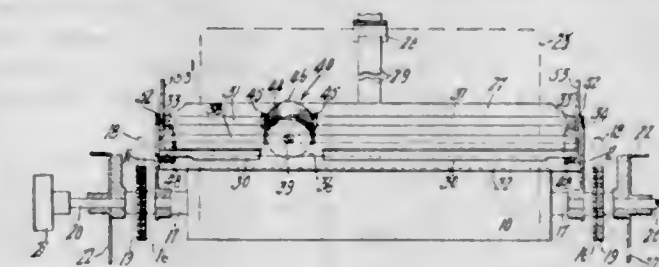


1. A thermo-couple unit comprising a plurality of serially connected thermo-couples comprising hot and cold junctions adjacent each other, a support for said thermo-couples, and a pair of conductors of the materials of said couples extending through said support to a cold junction remote from said couples.

1,643,583. TYPEWRITING MACHINE. CARL E. NORIN, Jersey City, N. J., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed Dec. 17, 1924. Serial No. 736,393. 13 Claims. (Cl. 197—133.)

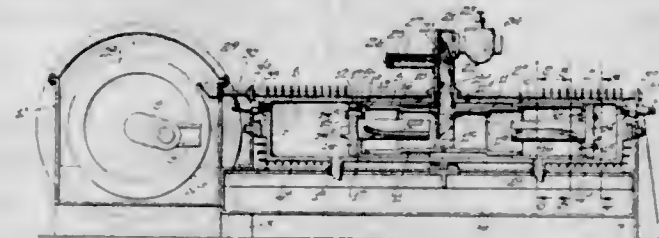
1. In a typewriting machine having a platen, a sheet-cutting device including a straight knife-blade, a displaceably-mounted revoluble knife normally disposed above said straight blade, so that a work-sheet may be passed therebetween, a handle for moving said revoluble knife first downwardly and then along said straight knife-blade in shearing engagement therewith for severing a work-web on the platen, and means actuated upon downward action

of said handle for urging said revoluble knife squarely against said straight blade, and mechanically maintaining such engagement of the revoluble knife as it moves



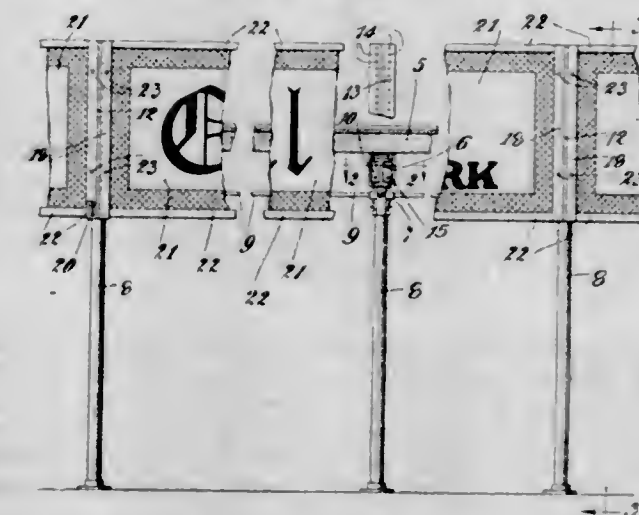
along the straight blade, whereby said revoluble knife and said blade will be kept in close shearing engagement with each other regardless of the wear on them occasioned by their use.

1,643,584. GAS ENGINE. JAMES PICKETTS, San Diego, Calif. Filed Feb. 12, 1924. Serial No. 692,264. 8 Claims. (Cl. 123—47.)



6. In a gas engine, a cylinder, a piston reciprocally mounted therein, a stationary gas compression piston member positioned at one end of said cylinder adapted to extend into and form with the interior of said piston a gas compression chamber, a disc-shaped valve member rotatably mounted at the head end of said piston and provided with perforations therein adapted to connect the interior of said piston with the combustion chamber of said cylinder with the rotation of said valve members, a cam member secured to said valve member and extending therefrom into said piston and provided at the sides thereof with cam grooves, and guide means in connection with said stationary compression piston member adapted to extend into said cam grooves for rotating said cam member with its reciprocating movement.

1,643,585. SIGN SUPPORT FOR TEMPORARY STRUCTURES. EUGENE PITOU, Kew Gardens, N. Y., assignor to American Safety Device Co., New York, N. Y., a Corporation of New York. Filed Jan. 23, 1926. Serial No. 83,194. 5 Claims. (Cl. 40—125.)



1. A mounting for advertising signs, parapets, and the like on temporary architectural structures, comprising:—a sign holder of the form of a rectangular metal strip with a channel along its longitudinal edge, in which

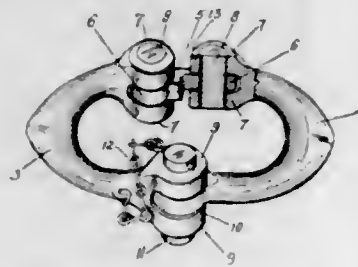
the edges of the sign boards or the sign frame are inserted; a vertical carrier of T-shaped cross section for the sign holder, along the one side of which carrier the sign holder is fastened; a pair of clamps adapted to be fastened with their one ends at a variable height at one of the flanges of the T-shaped carrier, and with their other ends at both sides of a vertical web of a profile iron, arranged in the architectural structure essentially perpendicularly to the advertising sign.

1,643,586. LOCK PIN. JAMES P. RATIGAN, Walnut Park, Calif. Filed Dec. 8, 1926. Serial No. 153,444. 1 Claim. (Cl. 85-5.)



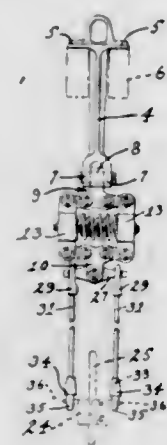
A lock pin comprising a body provided with a portion of reduced diameter, a ring surrounding said portion, and a spring inside of the ring having its ends adapted to engage the inner face of the ring, the intermediate portion of the spring engaging the reduced portion.

1,643,587. CONNECTER. JAMES P. RATIGAN, Walnut Park, Calif. Filed Dec. 11, 1926. Serial No. 154,264. 1 Claim. (Cl. 59-85.)



A connector comprising U-shaped end links, a third link pivoted to one end of each of the end links, the other end of each of the end links provided with pin bearings, and a pin removably engaging the bearings.

1,643,588. BEAM ADJUSTER. JAMES P. RATIGAN, Los Angeles, Calif. Filed Dec. 15, 1926. Serial No. 154,986. 8 Claims. (Cl. 255-16.)

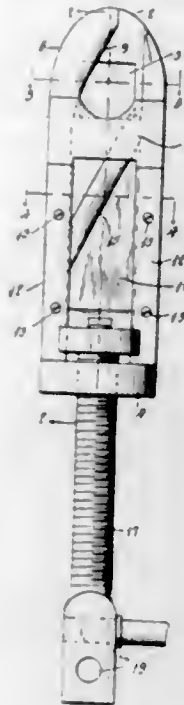


1. A beam adjuster comprising a stem, flexible connections, means connecting one end of the flexible connection to the stem, means for connecting the other ends of the flexible connections to a polish rod clamp, and compressible means interposed between the flexible connections yieldingly pressing said flexible connections away from each other.

8. A beam adjuster comprising a stem, a yoke pivotally connected with the stem, a second yoke connected with the first mentioned yoke, a cross arm pivotally connected with the second yoke, the pivots of the cross arm

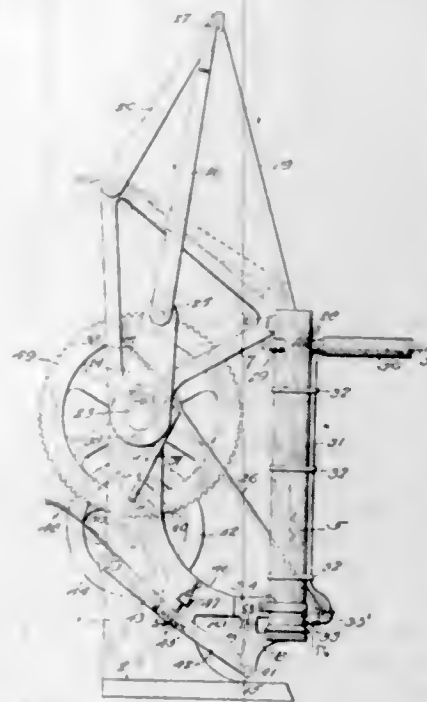
and yoke being positioned at a right angle to each other, and reins connected with the opposite ends of the cross arms.

1,643,589. BOLT CUTTER. ANDREW A. SCHWINDT, Dickinson, N. Dak. Filed Mar. 2, 1926. Serial No. 91,751. 3 Claims. (Cl. 81-201.)



1. A tool of the character set forth, comprising a body provided with a bolt receiving opening, guide ribs carried by the body and of which one is formed to provide a relatively stationary blade, a guide carried by the ribs, a relatively movable blade mounted on the body between the ribs and guide, retaining strips for the relatively movable blade and connected to the ribs, and operating means for the relatively movable blade.

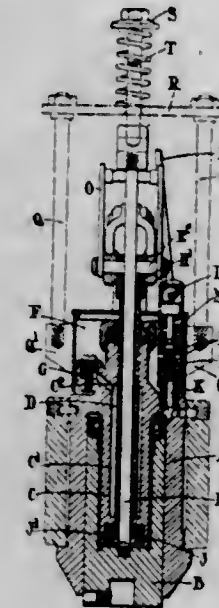
1,643,590. METHOD AND MACHINE FOR CONVERTING CARBON DIOXIDE TO A SOLID. THOMAS B. SLATE, New York, N. Y., assignor, by mesne assignments, to International Patents Fiscal Corporation, New York, N. Y., a Corporation of New York. Filed June 10, 1924. Serial No. 719,198. 14 Claims. (Cl. 62-121.)



1. A process for converting liquid carbon dioxide into a solid for refrigeration and other purposes, consisting in conducting liquid carbon dioxide into a chamber under

sufficient pressure to cause it to remain a liquid while being admitted; reducing the pressure inside the chamber and thereby converting a portion of the liquid carbon dioxide into a snow-like condition; withdrawing the carbon dioxide which has reverted to a gas; and compressing the carbon dioxide snow into a compact dense mass.

1,643,591. HYDRAULIC PRESS. ERIC MONTAGUE SMITH, Eastcote, England. Filed July 8, 1925, Serial No. 42,153, and in Great Britain July 11, 1924. 8 Claims. (Cl. 138-10.)



1. An hydraulic press comprising two integral cylinders of different internal diameter, a ram operating in the larger cylinder and a hollow plunger in the smaller cylinder, an integrally formed reservoir for the pressure liquid communicating with the interior of the smaller cylinder through a passage controlled by a non-return valve opening upon the idle stroke of the plunger and closing upon the power stroke thereof, a ram retracting rod passing freely through the hollow plunger and secured to the ram, a packing secured to the plunger cylinder and acting upon the ram retracting rod to allow the passage of the pressure liquid to the ram cylinder during the power stroke of the plunger and prevent the return of the pressure liquid to the plunger cylinder, a valve for releasing the pressure in the ram cylinder and permitting return of the pressure liquid to the reservoir, and means for reciprocating the plunger.

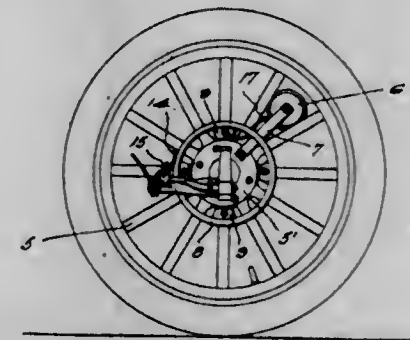
1,643,592. HINGE. JOSEPH SOSS, Brooklyn, N. Y. Filed Aug. 3, 1926. Serial No. 126,756. 3 Claims. (Cl. 16-191.)



1. In a hinge, the combination with a butt part having a hood at one end and a pintle bearing within said hood and a stop shoulder at the end of the hood portion.

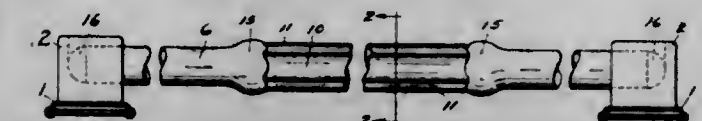
tion, of another sheet metal butt part provided at one end with pintle bearings formed of the material thereof, and said second named butt part having a stop shoulder extending transversely of that part of the butt body adjacent said pintle bearings and adapted to engage the shoulder of the other butt of the hinge, said stop shoulder forming a reinforcing member which extends onto a portion of said pintle bearings.

1,643,593. SIDE LIGHT FOR AUTOMOBILES. JOHN F. STYER and THOMAS W. JONES, Greeley, Colo. Filed Oct. 9, 1926. Serial No. 140,550. 1 Claim. (Cl. 240-8.12.)



In an automobile wheel light structure of the class described, an annular channel ring provided with lugs adapted to be fastened to wheel spokes to dispose the ring in concentric relationship on the wheel, an electric lamp including a housing and an attaching arm, said arm adapted to be connected with the hub structure of the wheel and to radiate outwardly beyond the rim, an attaching arm adapted to be connected with the steering gear spindle arm, and the resilient contact finger carried by said arm and having its free end located in the channel for wiping electrical contact, and current supply means.

1,643,594. APPARATUS FOR DRYING ARTIFICIAL SILK, YARN, OR THE LIKE. EARL S. TEED, Akron, Ohio, assignor to The Textile Rubber Company, Akron, Ohio, a Corporation of Ohio. Filed Mar. 20, 1926. Serial No. 96,359. 16 Claims. (Cl. 34-17.)

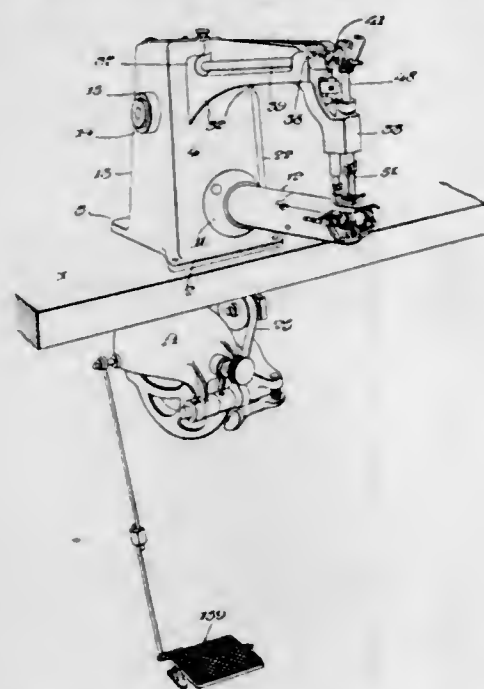


1. A dye pole for use in drying materials such as yarns or artificial silks, comprising a steel tube, a hard rubber jacket surrounding the tube and vulcanized thereto, the outer surface of the jacket being provided with horizontal grooves, an enlarged formation at the end of said grooves, and a cushion plug at the end of the pole.

1,643,595. NEEDLE MECHANISM. JOHN P. WEIS, Nyack, N. Y., assignor to Metropolitan Sewing Machine Corporation, Nyack, N. Y., a Corporation of Delaware. Original application filed June 28, 1921, Serial No. 481,032. Divided and this application filed Dec. 1, 1925. Serial No. 72,427. 22 Claims. (Cl. 112-158.)

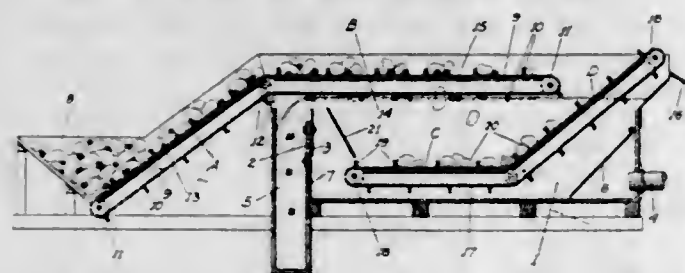
1. In a sewing machine, the combination of a machine frame having an overhanging arm, a pair of shafts carried thereby, one a rock shaft and the other a rotary

shaft, means including a crank shaft located transversely to said shafts for driving said shafts, a needle



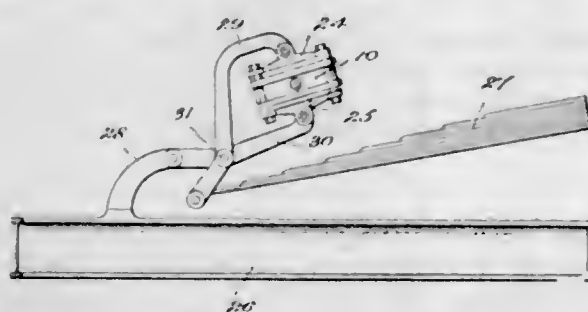
carrying bar connected with the rock shaft, and means for vibrating the needle bar and connected with said rotary shaft.

1,643,596. DEVICE FOR SEPARATING POTATOES FROM FLOATABLE FOREIGN MATTER. ROSCOE C. ZUCKERMAN, Stockton, Calif. Filed Nov. 1, 1926. Serial No. 145,450. 9 Claims. (Cl. 209-173.)



1. A device for separating potatoes from floatable foreign matter comprising a tank to contain a liquid, an overflow for the liquid at one end of the tank, and a common means for feeding potatoes and foreign matter initially mixed therewith into the tank and for positively moving such matter toward the overflow while allowing the potatoes to drop through the liquid clear of said matter.

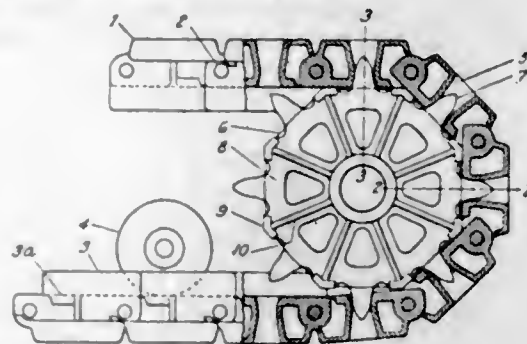
1,643,597. SHOCK-ABSORBING DEVICE. JOSEPH A. ANGLADA, Jenkintown, Pa., assignor, by mesne assignments, to Arch Cushion Corporation, a Corporation of New York. Filed June 6, 1923, Serial No. 643,693. Renewed Mar. 14, 1927. 1 Claim. (Cl. 267-18.)



In apparatus for the purposes described, a cushioning device comprising a cushion unconfined at its periphery, compression plates thereon, transmission plates outside of said compression plates and slidable bolts uniting each transmission plate with the opposite compression plate; in combination with a pair of transmission levers

united by a pivotal joint and having their ends on one side of said joint pivotally secured to the respective transmission plates of said cushioning device.

1,643,598. TRAVELING TRACK SPROCKET. EDWIN J. ARMSTRONG, Erie, Pa., assignor, by mesne assignments, to Erie Steam Shovel Company, Erie, Pa., a Corporation of Pennsylvania. Filed Feb. 13, 1923. Serial No. 618,818. 6 Claims. (Cl. 74-31.)



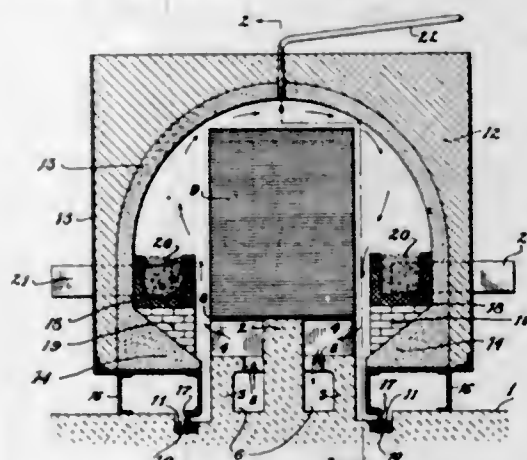
1. A traveling track sprocket having a supporting web; teeth projecting from and having their sides in alignment with the web; and track supporting projections extending laterally and outwardly from the web.

1,643,599. SWITCH PLATE. FREDRICK H. AULD, Columbus, Ohio, assignor to D. L. Auld Company, Columbus, Ohio. Filed Oct. 12, 1925. Serial No. 61,936. 1 Claim. (Cl. 247-23.)



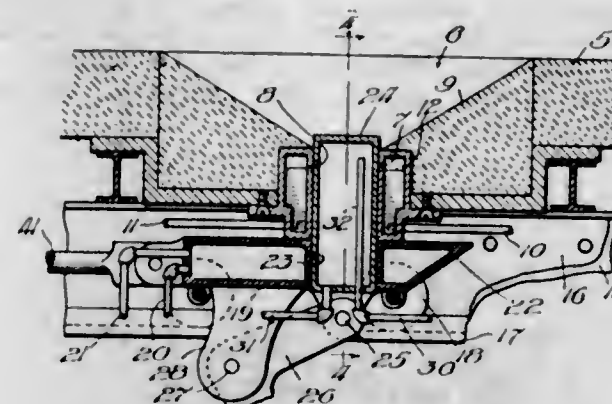
As a new article of manufacture a face plate formed of metal and having a recess formed in the face thereof leaving a raised border and raised flanges surrounding the openings for the attaching means and the projecting portions of the apparatus to be covered, and a sheet of wood veneer secured in and filling said recess substantially flush with said flanges.

1,643,600. ELECTRIC ANNEALING HOOD. THADDEUS F. BAILY, Alliance, Ohio. Filed Mar. 18, 1924. Serial No. 700,001. 2 Claims. (Cl. 204-64.)



1. An apparatus of the character described including a pedestal to receive material to be annealed and a removable hood having electric resistor troughs fixed therein and adapted to be placed over the material and pedestal.

1,643,601. POURING APPARATUS FOR GLASS FURNACES. DANIEL S. BEEBE, Chicago, Ill., assignor to The Vitrolite Company, Parkersburg, W. Va., a Corporation of West Virginia. Filed Mar. 5, 1926. Serial No. 92,406. 6 Claims. (Cl. 40-55.)



1. A glass furnace chamber having a discharge passage through which molten glass is adapted to flow by gravity, a valve slidable across the outlet end of said passage, and means carried by the valve for pushing the glass remaining in said passage when the valve is closed back into the furnace chamber.

1,643,602. SNARE TRAP. ANTON BOERNER, Thompson, Nebr. Filed Apr. 28, 1927. Serial No. 187,222. 2 Claims. (Cl. 43-85.)

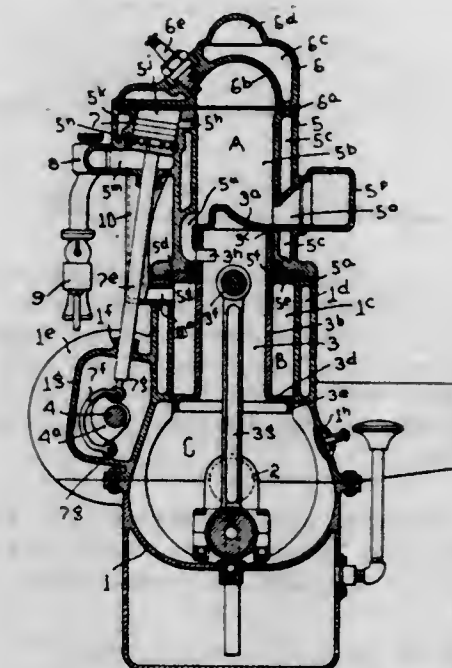


1. A trap of the class described comprising an elongated plate having one end bent angularly and provided with a slot, a crank shaft journaled across the other end of the plate and having a pair of cranks of one length and a third crank therebetween of a longer length, springs associated with the crank shaft to urge the cranks thereof in one direction pointing away from the first mentioned end of the plate, a second plate extending through the slot and having an opening at one end merging into an inwardly directed slot and at the other end provided with a pair of spaced parallel extensions merging into sleeves circumferential the short cranks, a trigger engaged with the first plate to extend over the long crank to hold the cranks of the crank shaft pointing toward the first end of the first plate, and trip means associated with said trigger.

1,643,603. INTERNAL-COMBUSTION ENGINE. HENRY LOWE BROWNBACK, Norristown, Pa. Filed Nov. 22, 1923. Serial No. 676,463. 4 Claims. (Cl. 123-69.)

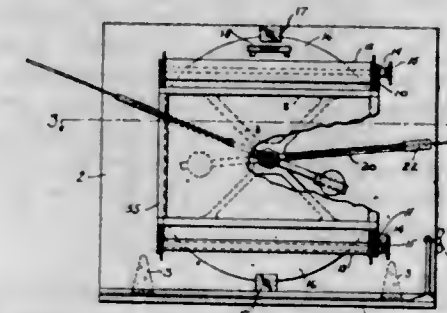
4. In combination with an engine as set forth in claim 3, each valve comprising a casing closed at both ends; a port in said casing adjacent its lower end communicating with said carburetor; a port in said casing adjacent its upper end communicating with said working cylinder; said casing having an annular recess in its walls intermediate said ports and communicating with said pre-compression cylinder; a tubular piston reciprocally mounted in said casing above said first port and having its lower end closed, and having openings in its walls adapted to register with said annular recess; radially disposed vanes within said piston for directing the

vapors towards the center of said piston; and said means for shifting said valve comprising a rod on said piston actuated by the engine cam shaft for shifting said valve



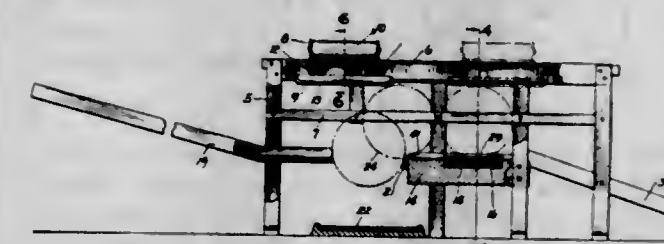
to establish communication between said lower port and annular recess, or between said upper port and annular recess.

1,643,604. PLATTING MACHINE. ERNEST ALBERT GAST, Cincinnati, Ohio. Filed Apr. 16, 1923. Serial No. 632,265. 9 Claims. (Cl. 234-8.)



1. A plating machine comprising in combination with a platting surface, a pivotally mounted arm arranged to rotate in a plane substantially parallel to said surface, a platting member movably mounted on said arm, means carried by said member for marking on said surface, means carried by said arm for actuating said platting member, and a cord adapted to rotate said arm and to operate when drawn outwardly from said arm the means whereby the platting member is actuated.

1,643,605. APPARATUS FOR PRINTING CYLINDRICAL OBJECTS. FREDERICK C. HOWES and FREDERIC L. SAVAGEAU, Denver, Colo. Filed July 27, 1925. Serial No. 46,356. 17 Claims. (Cl. 101-40.)



1. A can-printing machine of the character described comprising a table, a printing die thereon, a relatively elevated track, means for guiding a can across the table

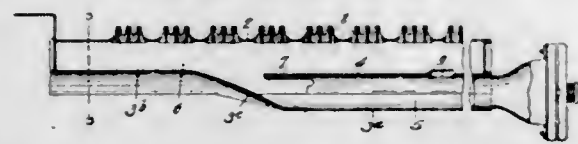
by engagement with the ends thereof, a ridge on the table to compensate for different diameters of the can, and a platen on the track for rolling propulsion of the can.

1,643,606. SPARK-PLUG CLEANER. MARTIN ITJEN, Skagway, Territory of Alaska. Filed Jan. 29, 1927. Serial No. 164,635. 2 Claims. (Cl. 15—104.01.)



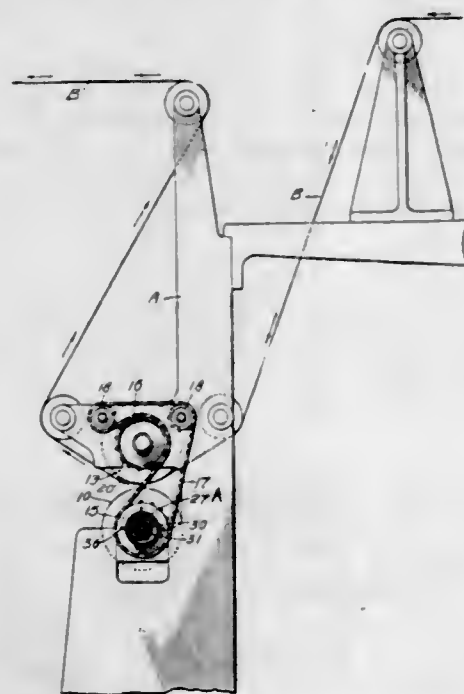
1. A tool of the class described comprising an elongated body the major portion of which is semi-conical in formation, said body having a bore extending longitudinally thereof, means at the larger end of the body for connecting the bore with a source of air, said bore terminating in an opening at the flat side of the other pointed end of the body.

1,643,607. BURNER FOR RADIANT GAS HEATERS. HENRY KIELBERG, Martins Ferry, Ohio. Filed Apr. 10, 1926. Serial No. 101,200. 3 Claims. (Cl. 158—104.)



1. A burner for radiant gas heaters, comprising a sheet metal manifold casing having burner grids mounted in the top thereof, said casing having depending side walls and a bottom attached to said side walls, said bottom having one end portion shaped to form an upwardly facing trough, a semi-cylindrical member located in complementary relation to said trough for forming a tubular fuel-conducting passage, the opposite end portion of said bottom being reversely troughed to present interiorly of said casing a wall substantially corresponding to and aligned with said semi-cylindrical member and forming the bottom of a manifold chamber having uniform shape and capacity throughout, the last mentioned wall being spaced from the inner end of the latter to form a fuel delivery opening.

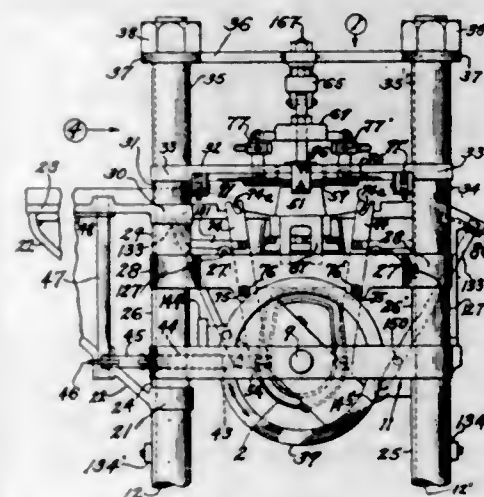
1,643,608. SELECTIVE PRINTING MACHINE. ABRAHAM L. PRIESTLEY, New York, N. Y. Filed Sept. 22, 1925. Serial No. 57,921. 9 Claims. (Cl. 101—92.)



1. A printing machine comprising, a rotatable cylinder having a plurality of printing surfaces, a roll adapted to be rotated with said cylinder, means carried by the roll

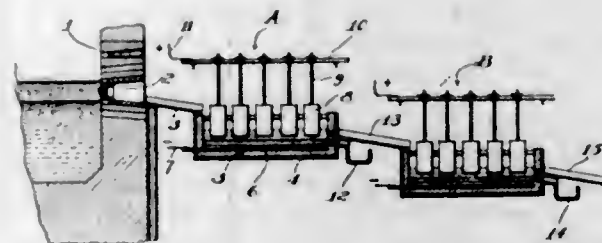
for uniformly bearing against the paper upon a predetermined printing surface only at predetermined periods, and means for selectively changing the position of the cylinder with respect to the roll.

1,643,609. AUTOMATIC PAN-MAKING MACHINE. WILLIAM JOHN ROEPKE, Los Angeles, Calif., assignor, by direct and mesne assignments, to Roepke Pan Machine Corporation, Wilmington, Del., a Corporation of Delaware. Filed July 5, 1922. Serial No. 572,908. 21 Claims. (Cl. 153—23.)



6. In a pan making machine of the character set forth provided with a slide way and means to slide a blank along said slide way; the combination with a form, of hinged folding mechanism whereby the blank will be folded upon the form; means whereby the form is lowered therefrom, and a cam shaft with cams thereon to operate the blank moving and folding mechanism.

1,643,610. PROCESS FOR RECOVERING METALS FROM SLAG. FRED ROSENZWEIG, Pittsburgh, Pa. Filed Sept. 17, 1926. Serial No. 136,060. 4 Claims. (Cl. 204—19.)

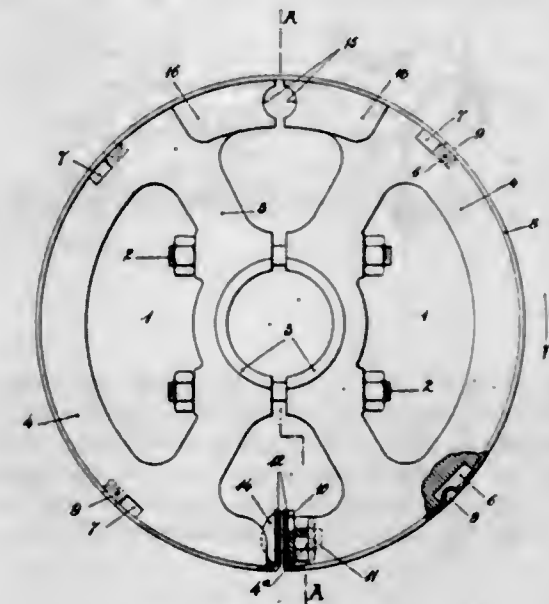


1. A process of recovering metal from blast furnace slag which includes the metal in the form of an oxide, which consists in flowing such slag from the furnace, applying an electric current to such slag while it is still molten to effect a reduction of the metal from its oxide and collecting said metal.

1,643,611. SPLIT PULLEY. LOUIS ROUANET, Ivry-Port, France, assignor to Compagnie d'Applications Mechaniques, Ivry-Port, France, a French Company. Filed Mar. 5, 1926. Serial No. 92,567, and in France Apr. 11, 1925. 4 Claims. (Cl. 64—18.)

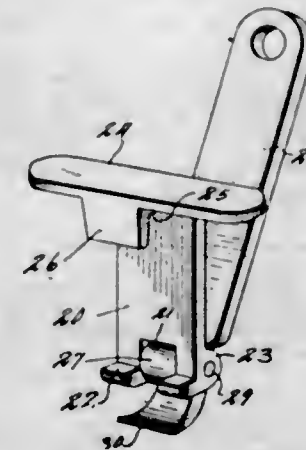
1. A split pulley comprising a two part body including a hub member, connecting means between said hub and rim members, a removable outer band formed of a single split piece, inwardly projecting extensions on the inner face of the band and the outer

face of the rim member provided with slots running out to one of its side faces with the inner ends of such slots angularly displayed around the pulley relative to their



entrance ends, whereby the outer band may be slipped from the side in position onto the pulley body and is prevented from axial displacement relative to the latter.

1,643,612. TOOL FOR APPLYING FASTENERS TO FRUIT-BASKET TOPS. EDWARD M. SEIFERT, Rutherford, N. J. Filed Dec. 2, 1926. Serial No. 152,273. 5 Claims. (Cl. 1—50.)

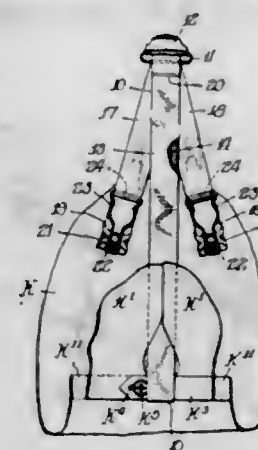


1. A tool for applying basket cover top fasteners, the fasteners being substantially L-shaped and having work penetrating prongs, comprising a body having a head at its upper end adapted to engage with the rim of a basket top, a lever pivotally mounted upon the lower end of the body and having a hook-shaped bill which when the lever is turned down will act to force the lower end of the fastener upward against the lower edge face of the basket hoop and the extremity of said portion upward between the basket hoop and the top of the basket.

1,643,613. KNICKER SUPPORTER. LULU E. STEENSEN, West Salem, Wis. Filed Dec. 12, 1925. Serial No. 74,981. 5 Claims. (Cl. 2—228.)

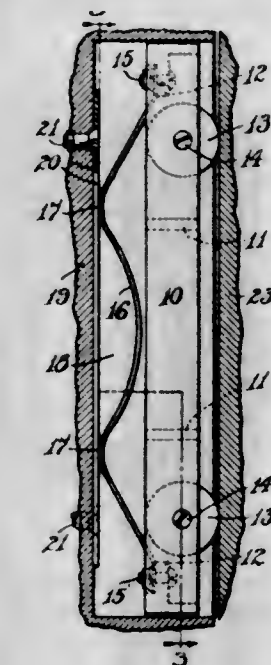
1. In a knicker supporter, the combination of a cross member and means for holding the member in comparatively elevated position, with a long supporting member comprising a strap folded over the cross member, with a

long leg thereof adapted to engage and support the lower end of a knicker leg, and with a shorter leg being provided with hose fastening means to engage the top



of a hose, and fastening means at the cross member for holding the strap in fixed position with respect to the cross member.

1,643,614. WINDOW-SASH HOLDER. FRANCIS HOWARD STOWELL, Indianapolis, Ind., assignor to Francis Howard Stowell and Herman H. Glick, Indianapolis, Ind., a Copartnership. Filed Jan. 25, 1926. Serial No. 83,536. 3 Claims. (Cl. 292—15.)

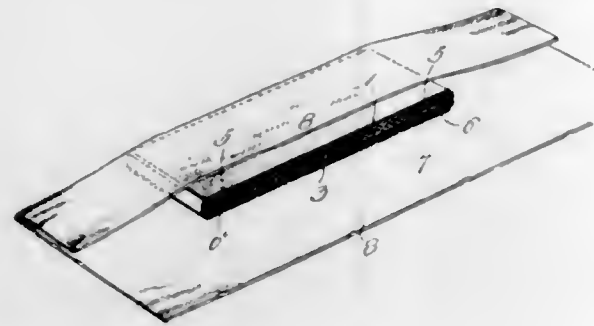


1. A sash holder comprising a main body, a pair of rollers, the peripheries of which project from one face of said body, and a bowed supporting spring projecting from the opposite face of said body, said spring having both ends anchored to the body and reversely arched at its middle to form two separated contact points intermediate of the length of the main body with an intermediate bow free from the said body.

1,643,615. SANITARY NAPKIN. HARRY S. WILLIAMS, San Antonio, Tex. Filed Aug. 30, 1926. Serial No. 132,541. 1 Claim. (Cl. 128—290.)

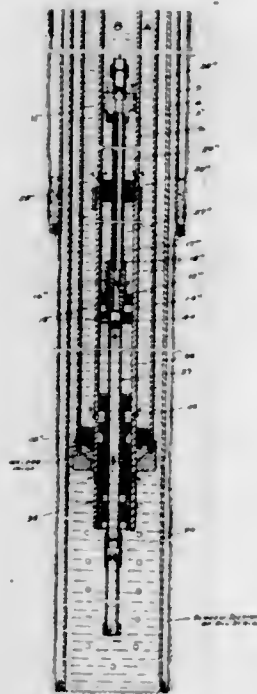
A sanitary napkin comprising a main absorptive pad formed of a multiplicity of piles, a liquid-proof fluid-spreading strip of less width than said pad, said strip extending along the lower side of the pad and having its ends turned inwardly upon and secured to the pad ends,

the longitudinal edges of said strip being inwardly spaced from those of the pad to prevent chafing of the wearer by said edges, an auxiliary relatively thin pad formed of a plurality of plies, said auxiliary pad lying against the lower side of and being secured at its ends to said strip, said auxiliary pad being of the same length and width as



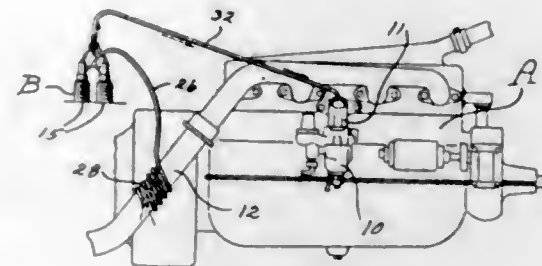
said main pad, whereby the longitudinal edge portions of said auxiliary pad project beyond the longitudinal edges of said strip to absorb any fluid which may creep around said edges, and a relatively few plies of absorptive material lying upon said main pad and said intumed ends of said strip and secured to the latter, the last named plies preventing chafing of the wearer by said intumed strip ends.

1,643,616. APPARATUS FOR PUMPING OIL WELLS. ARGUS O. ZINN, Los Angeles, and JULIEN A. BRIED, Oakland, Calif.: said Bried assignor to said Zinn. Filed June 7, 1924. Serial No. 718,583. 2 Claims. (Cl. 103-44.)



1. Apparatus for pumping a well comprising a pair of concentrically arranged tubes extending down the well and open to a reciprocating plunger pump mechanism at the bottom of the well, a liquid column in each tube arranged to bear upon opposite ends of the plunger of said mechanism whereby the plunger may be reciprocated by pressure upon the columns in alternation and suction chambers associated with the plunger adapted to alternately receive liquid from the well at opposite movements of the plunger and being valved to discharge their contents, respectively, each to one of the liquid columns upon the application of a power impulse to the other column.

1,643,617. FUEL-TESTING APPARATUS. EDWARD H. BELKNAP, Washington, D. C. Filed Jan. 10, 1927. Serial No. 160,293. 9 Claims. (Cl. 73-50.)



1. In apparatus of the class described, the combination of a chamber embodying a removable transparent graduated portion for receiving a liquid, an air inlet tube opening into the chamber above the level of the liquid contained in the graduated portion, and a suction tube connected with the chamber for withdrawal of gases therefrom.

1,643,618. DENTRIFICE COMPOUND. WALTHER BRUCK, Breslau, Germany. Filed June 28, 1926, Serial No. 119,201, and in Germany Mar. 29, 1924. 7 Claims. (Cl. 167-9.)

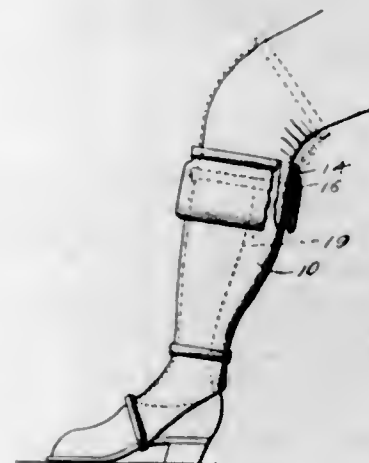
1. As a dental compound, a composition of matter, comprising a mixture of hydroxy aromatic sulpho-compounds with mechanical tooth cleaning agents.

7. A dentifrice, comprising a mixture of soap with an abrasive and alkali-salts of phenol sulphonic acids.

1,643,619. PROCESS FOR THE PRODUCTION OF NEW ESTER MIXTURES. WALTHER CLAASEN, Cologne-on-the-Rhine, Germany. Filed Mar. 17, 1926, Serial No. 95,469, and in Germany Apr. 14, 1925. 2 Claims. (Cl. 260-106.)

1. The process of preparing esters of mixtures of adipic acids which comprises oxidizing hydrogenated crude cresols to form mixtures of adipic acids and esterifying the acid mixture without preliminary separation of the mixture into its components.

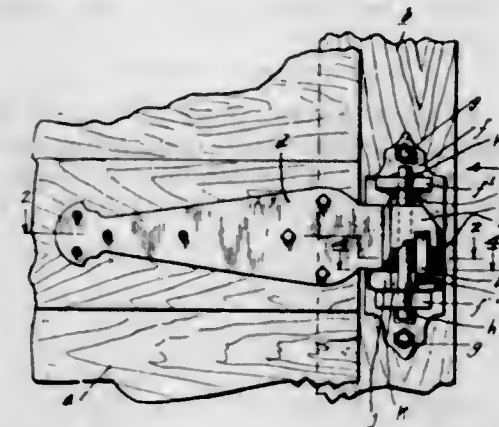
1,643,620. LEGGING. FRANK S. DILGER, Yankton, S. Dak. Filed Jan. 29, 1927. Serial No. 164,547. 3 Claims. (Cl. 36-2.)



3. A legging comprising a strip of pliable material having a wide upper end and a relatively narrow lower end, the strip having one edge diagonally cut away adjacent the upper end thereof to said narrow end, the opposite side edge being cut away adjacent the lower end to said narrow end, resilient bands secured to the upper and lower

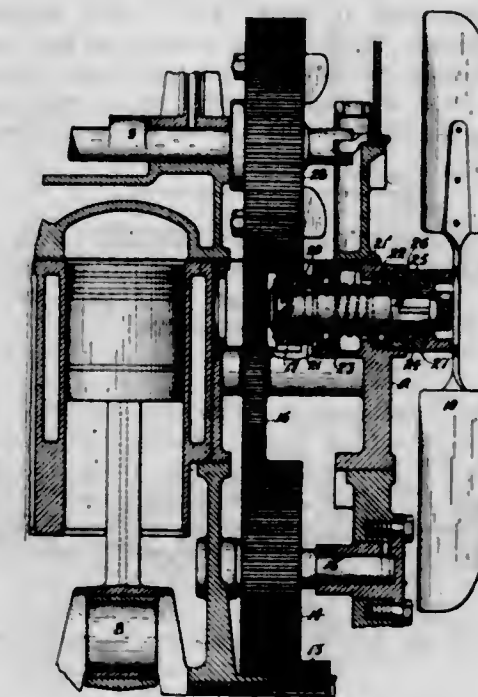
ends of said strip and of the same length as the width of the material of the strip and other bands secured to the strip intermediate the first named bands and each of less length than the width of the material at the point of its application thereto, the ends of the last named bands being coincident with one edge of the strip whereby a loose flap is provided at the opposite edge.

1,643,621. HINGE. MAX W. FISCHER, Portland, Oreg. Filed Feb. 15, 1926. Serial No. 88,366. 4 Claims. (Cl. 16-154.)



1. A hinge comprising a hinge-plate provided with spaced hinge lugs, a hinged pintle removably secured in such lugs, removable cam-plate mounted on said pintle over the lower of said lugs, a hinged-strap journaled on said pintle, a friction wheel, carried by the hinged strap adjacent the pintle bearing on said cam-plate, and the said parts being arranged to permit the hinged-strap to be turned to a position approximately at right angles with the face of said hinged-plate.

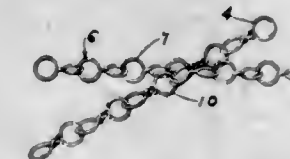
1,643,622. FAN DRIVE FOR ENGINES. ELBERT J. HALL, Berkeley, Calif. Filed May 5, 1923. Serial No. 636,979. 2 Claims. (Cl. 123-171.)



1. A driving mechanism for the fan of an internal combustion engine including a fan shaft journaled on the engine housing and extending within the same, a driving gear on the inner end of the fan shaft, driving connections between said gear and the crank shaft arranged within the housing, anti-friction bearings for the fan shaft carried in the engine housing and an oil-tight and dust-proof packing between said shaft and bearings, said

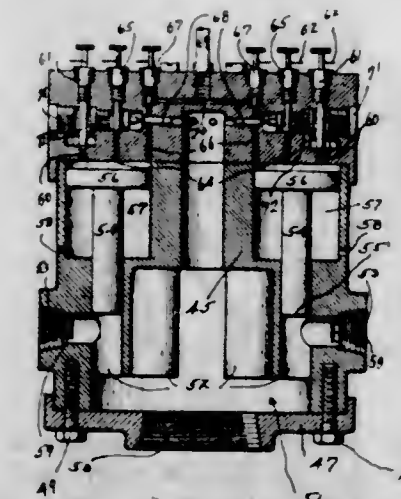
packing including a flange on the engine housing fitting over the hub of the fan, and a packing gland between the said flange and hub, the outer end of said flange being bevelled and abutting against an under-cut shoulder on the hub to form a gristmill seam, the under-cut being directed away from the direction of the blast of the fan.

1,643,623. BEDSPRING FABRIC. SIGMUND KIRSCHBERG, San Francisco, Calif. Filed Dec. 23, 1925. Serial No. 77,245. 4 Claims. (Cl. 245-5.)



2. A bed-spring fabric comprising a plurality of relatively spaced chains extending longitudinally of the bed, and a plurality of relatively spaced laterally extending chain members comprising alternate portions of jack chains and helical springs connected to each other and to the longitudinal chains at the intersections therewith.

1,643,624. REGULATOR FOR THE PRESSURE OF A COMMON SOURCE OF FLUID UTILIZED IN OPERATING INDEPENDENT DEVICES. JOHANNES SIGFRID LARSON, Dee, Oreg. Original application filed Aug. 17, 1922, Serial No. 595,181. Divided and this application filed June 6, 1925. Serial No. 35,502. 5 Claims. (Cl. 50-10.)

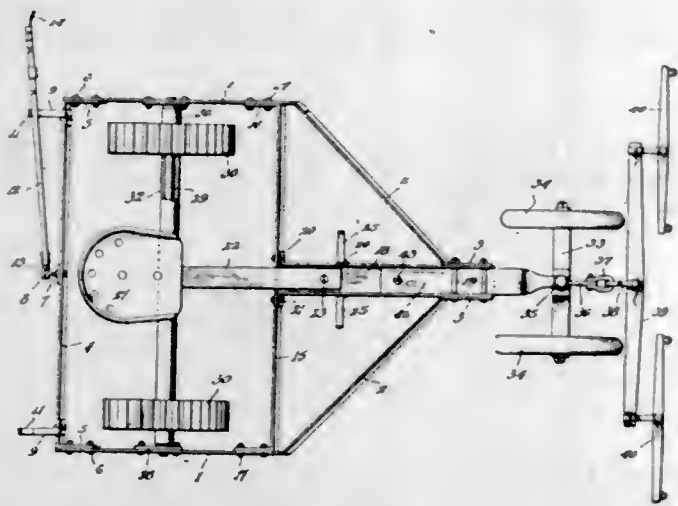


1. In a regulator for the pressure of a common source of fluid utilized in operating independent devices, said regulator comprising a housing provided with a main chamber having a single inlet and a plurality of outlets, a pressure actuated valve in each outlet, said valve comprising a piston and a stem, the piston head having greater area in cross-section than the stem, the latter traversing and controlling said outlet, ducts connecting the working chamber of said valve with said outlet of the main chamber, respectively, and manual valves controlling the last mentioned ducts whereby the pressure in the working chamber of the valve cylinder may be varied relatively to that existing in the related outlet, and the operation of the pressure actuated valve located in said outlet correspondingly regulated.

1,643,625. AGRICULTURAL MACHINE. JOHN W. MADDOX, Marion, Md. Filed Aug. 11, 1926. Serial No. 128,635. 2 Claims. (Cl. 97-233.)

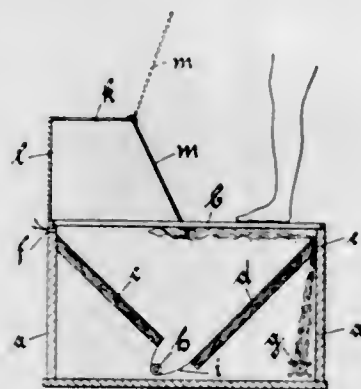
1. A machine for the purposes set forth comprising a frame including side bars having forwardly converging portions which terminate in parallel end straps, a cross bar secured to and extending between the said side bars

at the rear ends of the converging portions, a channel secured to and between the said end straps and extending rearwardly therefrom to a point over the cross bar, and



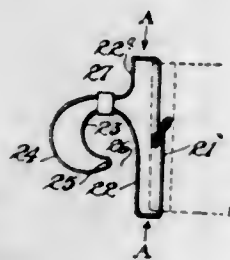
means for securing the rear end of the channel to the cross bar, said channel constituting a tongue-receiving seat.

1,643,626. APPARATUS FOR OBSERVING THE VARIATION OF THE SOLE TREADING SURFACE WHEN THE FOOT IS UNDER LOAD AND NOT UNDER LOAD. JOSEPH MAY, Frankfort-on-the-Main, Germany. Filed Jan. 10, 1927, Serial No. 160,274, and in Germany May 29, 1925. 3 Claims. (Cl. 128-2.)



1. Apparatus for observing the variations of the sole treading surface when the foot is under load and not under load, comprising a transparent tread plate, two mirrors arranged at right angles to each other and at 45° in relation to the tread plate to reflect the reflected image of the sole treading surface upwardly, and a dark casing of which the tread plate forms the cover and a source of light arranged in the bottom of the casing and invisible to the eye of the observer.

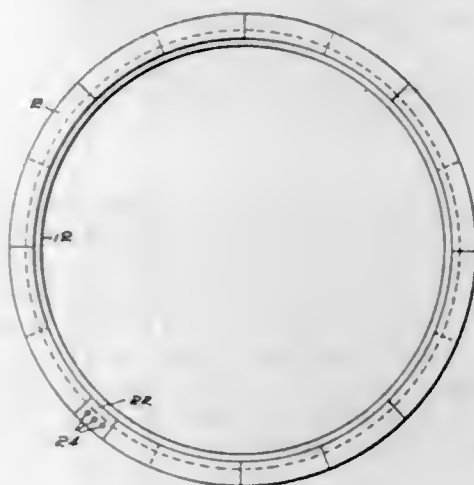
1,643,627. FASTENER FOR SLEEVE HOLDERS. HARRY P. NISSEN, Oakland, Calif. Filed Nov. 3, 1925. Serial No. 66,445. 1 Claim. (Cl. 24-15.)



In a device of the character described, a hook formed of a single length of wire, the ends of which overlap and

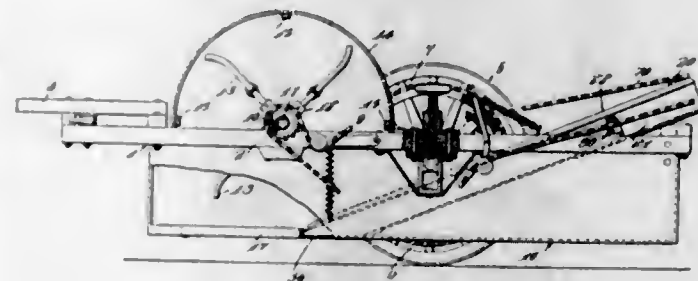
extend in parallelism outwardly in opposite directions to form a divided bar for engaging a loop, longitudinal portions at the outer ends of the bar, transverse portions formed as continuations of said longitudinal portions and extending inwardly, one of said transverse portions terminating in an inner ring, the other transverse portion terminating in an outer ring, contiguous ends of said rings forming a tip disposed short of the transverse portion terminating in the inner ring whereby a throat may be formed, a rigid connection between the rings at a point diametrically opposite the throat, the transverse portion which terminates in an inner ring being yieldable whereby the throat may be enlarged if desired by pressing inwardly against both outer ends of the divided bar simultaneously.

1,643,628. PISTON RING. JOHN G. PLATT, Brighton, Mass., assignor to Hunt-Spiller Manufacturing Corporation, Boston, Mass., a Corporation of Massachusetts. Filed Mar. 21, 1924. Serial No. 700,826. 1 Claim. (Cl. 74-109.)



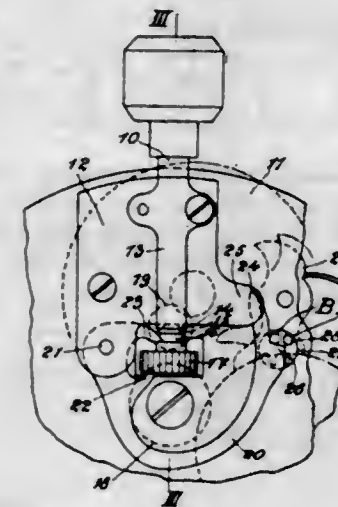
A composite piston packing or ring comprising a double row of mating staggered segmental sections having shouldered interlocking engagement with each other, means for fastening at least two of said sections together to maintain the staggered relation of said sections, and spring means contacting with the inner faces only of said segmental sections, whereby the several parts of said ring may be individually assembled in a piston ring groove.

1,643,629. SEPARATOR ATTACHMENT FOR BEAN HARVESTERS. GEORGE EDWARD PRITCHARD, Elizabeth City, N. C. Filed Mar. 7, 1924. Serial No. 697,615. 2 Claims. (Cl. 209-358.)



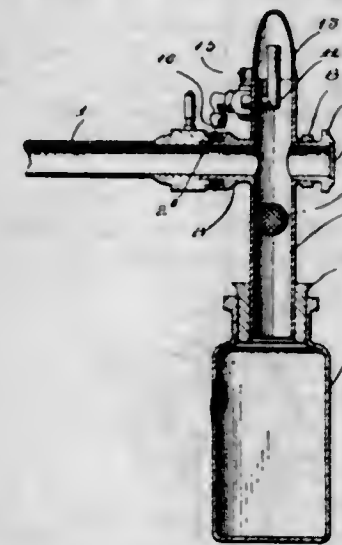
1. A separator for bean harvesters including a frame, spaced upper and lower screens positioned within the frame, transversely disposed cleats secured to the upper screen, a conveyor operating over the screens, said conveyor including arched members adapted to pass over the cleats to carry material thereover, and said arched members adapted to rub the upper surface of the lower screen.

1,643,630. SETTING AND WINDING MECHANISM FOR WATCHES. CHARLES HILAIRE HENRI RODANET, Levallois, France, assignor to Societe Anonyme le Coultre & Cie, Le Sentier, Switzerland, a Corporation of Switzerland. Filed Mar. 12, 1926. Serial No. 94,244, and in Switzerland June 6, 1925. 2 Claims. (Cl. 58-67.)



1. In a watch, a winding spindle movable axially to winding and setting positions, a winding and setting pinion carried by said spindle, a pawl actuated incident to winding the watch, and means coacting with said pawl to prevent axial displacement of the spindle during the winding operation.

1,643,631. SURGICAL INSTRUMENT. RAYMOND L. SCHULZ, Los Angeles, Calif., assignor to Boehm Surgical Instrument Corporation, Rochester, N. Y., a Corporation of New York. Filed Aug. 27, 1923. Serial No. 659,403. 4 Claims. (Cl. 128-328.)

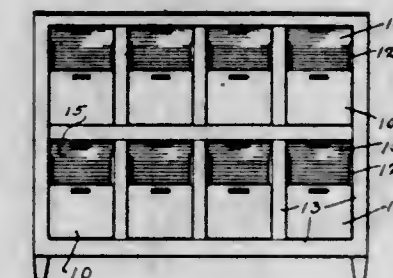


1. A surgical instrument comprising a tube for insertion into a body cavity, means for permitting the inspection of the cavity through said tube, a collecting receptacle having an air tight connection with the tube at one side thereof, a chamber for collecting air bubbles, projecting from one side of the tube opposite the connection of the latter with the collecting receptacle, a bulb for creating a suction in the tube for drawing the foreign matter into the collecting receptacle, and means for venting the air bubble collecting chamber.

1,643,632. DISPLAY-CASE CLOSURE. ALBERT G. STEPHENS, Indianapolis, Ind. Filed July 29, 1926. Serial No. 125,805. 2 Claims. (Cl. 211-25.)

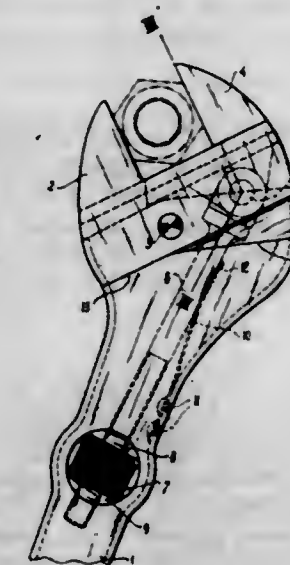
1. In a show case, a door frame having parallel rabbets cut in each of the opposite vertical sides, a lower door having a rabbet cut in each vertical edge, a door guide slidably entered in each of said door rabbets and frictionally engaged in said door frame rabbets, said

door rabbets being of sufficient depth whereby said guides may be withdrawn from the door frame rabbets to entirely within the door rabbets, whereby the door may be removed entirely from the frame, an upper door having a rabbet cut in each vertical edge, and a second guide slidably entered in each of said door rabbets and frictionally engaged in the door frame rabbet parallel to said first door frame rabbet, said upper door rabbets being



sufficiently deep to carry the said second guides entirely within the rabbets upon the door guides being withdrawn from the door frame rabbets, whereby said lower door may be removed entirely from the frame, said door frame rabbets being positioned to permit the two doors to slidably pass one over the other, and all of said guides each being appreciably longer than the height of the doors.

1,643,633. OPEN-END WRENCH OF THE ADJUSTABLE-JAW TYPE. JACOB VAN ECK, Middelburg, Netherlands. Filed June 12, 1926. Serial No. 115,617, and in Germany Sept. 22, 1925. 3 Claims. (Cl. 81-91.)

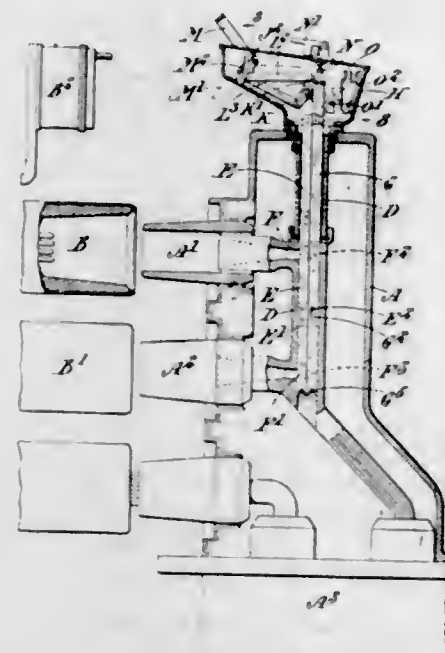


1. An open end wrench including a jaw hinged to the handle, another jaw slidably mounted relative to the hinged jaw and an adjustable rod connected with the slidable jaw and the handle, said jaws being mounted in an inclined position relative to the axis of the handle so that the hinged jaw is nearer to the free end of the handle than is the slidable jaw and also its hinge is nearer to said free end than is the connection between the slidable jaw and the adjustable rod, and further characterized by the fact, that the handle is provided on both side faces and on either side of the hinge with abutments for the hinged jaw, the said rod being adapted to perform a swinging movement in the space between said abutments.

1,643,634. ELECTRIC SWITCH GEAR. EDGAR WATERHOUSE, South Shields, England, assignor to A. Reyrolle & Company Limited, Hebburn-on-Tyne, England, a Company of Great Britain. Filed Dec. 23, 1926. Serial No. 156,748, and in Great Britain Feb. 2, 1926. 10 Claims. (Cl. 200-50.)

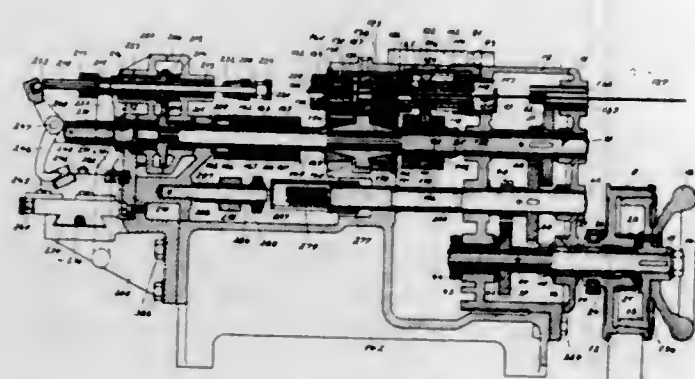
1. In electric switchgear of the draw-out type for a duplex busbar system in which selection of one or other

of the busbars for connection to a switch is effected by the insertion of a removable plug, the combination, in the draw-out portion of the switch-gear, of a plurality of sockets to receive the removable plug, indicating mechanism, a two-part operating member between said sockets



and said indicating mechanism, and means whereby the insertion of said plug into one of said sockets moves one part of the two-part operating member to actuate the indicating mechanism and prevents the movement of the other part of the two-part operating member.

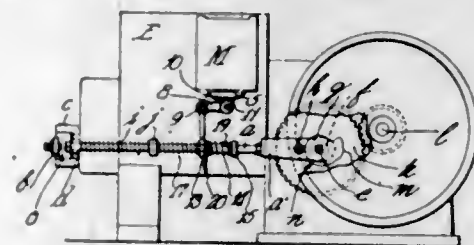
1,643,635. SCREW MAKING AND TURNING MACHINE. LORENZ KONRAD BRAREN, Munich, Germany, assignor to the Firm Friedrich Deckel, Fabrik für Präzisionsmechanik und Maschinenbau, München, Germany. Filed Nov. 28, 1922, Serial No. 603,871, and in Germany Dec. 17, 1921. 54 Claims. (Cl. 29-54.)



1. In turning and screw cutting machines material feeding means reciprocating in an axial direction, rotatable material steadying means without axial movement adapted to automatically grip the material when advanced by the feeding means, a drive shaft at one side of the axis of the feeding means adapted to rotate said material steadying means, cutting means connected to and moving axially of said shaft and means for swing the cutting means to and from operative position.

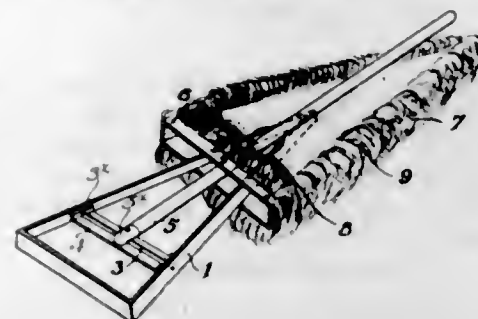
25. In turning and screw cutting machines a material feeding mechanism, cutting means for performing turning operations axially on the bar of material, a drive shaft operatively connected with said feeding means, different cutting means pivotally mounted upon said shaft for performing radial operations, adjusting means for varying the length of material fed through the machine, and different adjusting means for varying the length of the turned portion irrespective of the length of the part.

1,643,636. MAGNETO-ACTUATING MECHANISM. PHELPS BROWN, Springfield, Mass. Filed Apr. 28, 1924. Serial No. 709,624. 10 Claims. (Cl. 123-149.)



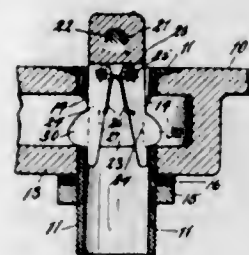
1. The combination with a magneto having an armature and a lever for operating the same, of a reciprocable member slidable relatively thereto, and a pair of springs carried by said member between the free ends of which a portion of said lever is received.

1,643,637. MOP. JESSIE DOROTHEA CHADWICK, Toronto, Ontario, Canada. Filed July 6, 1926. Serial No. 120,820. 1 Claim. (Cl. 15-228.)



A mop comprising an envelope having an open end and also having an opening located in the longitudinal center of the top wall of the envelope, a cleaning element carried by the bottom wall, an open frame adapted to be slipped into such open end to fit the envelope, and a handle within the frame adapted to register with such opening of the top wall and adapted to pass through such opening as the frame is slipped within the envelope.

1,643,638. WASTE-PIPE TOOL. CHARLES E. DUNHAM, Los Angeles, Calif. Filed Apr. 5, 1926. Serial No. 99,868. 2 Claims. (Cl. 81-72.)

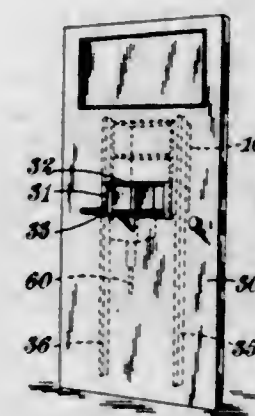


1. A waste-pipe tool consisting of a body transversely slotted at one end, a pair of oppositely located fingers in said slot which are pivoted near their upper ends to the body, and there being a laterally projecting ear on each finger with the lower end thereof substantially continuous with the bottom of the body and with the upper edge of each ear inclined upwardly and inwardly, and a spring between said fingers for normally forcing them away from each other.

1,643,639. RECEIVING APPARATUS FOR ATTACHMENT TO HOUSE DOORS, WALLS, OR OTHER PARTS OF BUILDINGS. SIDNEY HOLE, Albourne, Hassocks, England. Filed Dec. 30, 1926. Serial No. 158,058, and in Great Britain Jan. 7, 1926. 7 Claims. (Cl. 232-41.)

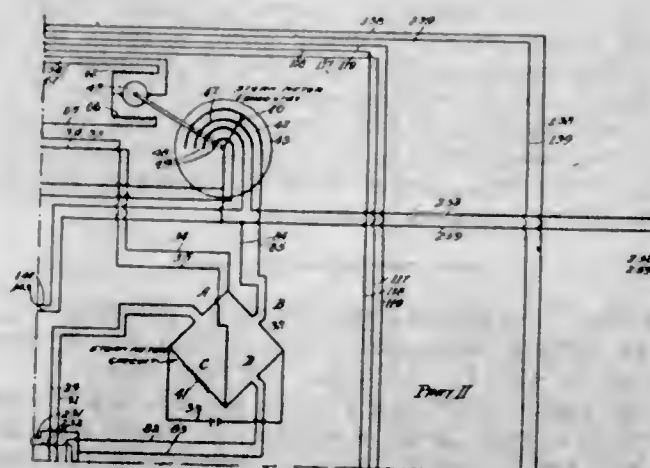
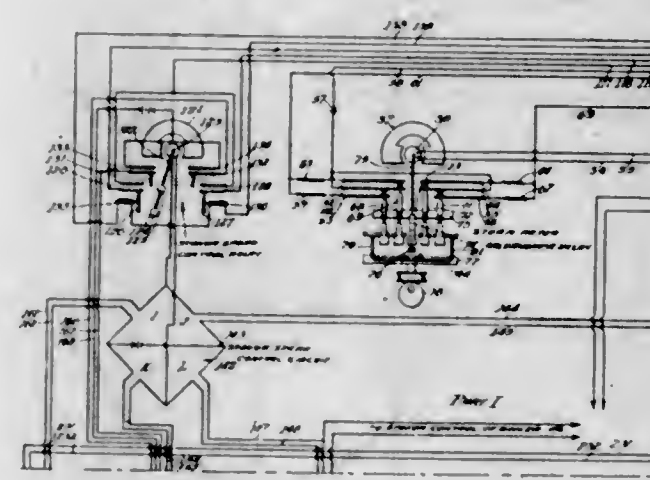
1. Parcel-receiving apparatus comprising the combination with a wall having an aperture therein, and a closure member for the aperture operable from one side of the

wall, of a container having a lateral opening guided to move in proximity to said aperture at the other side of the wall, a support for holding the container in a position ready for the reception of a parcel through the aperture, which container is constrained to move in one direction past said aperture towards said sup-

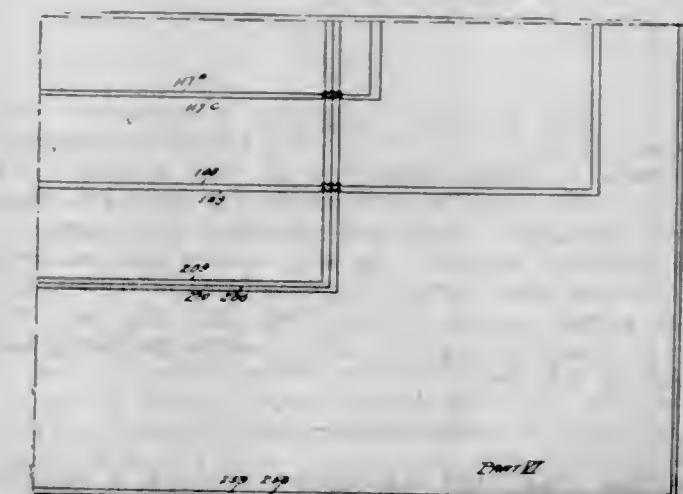
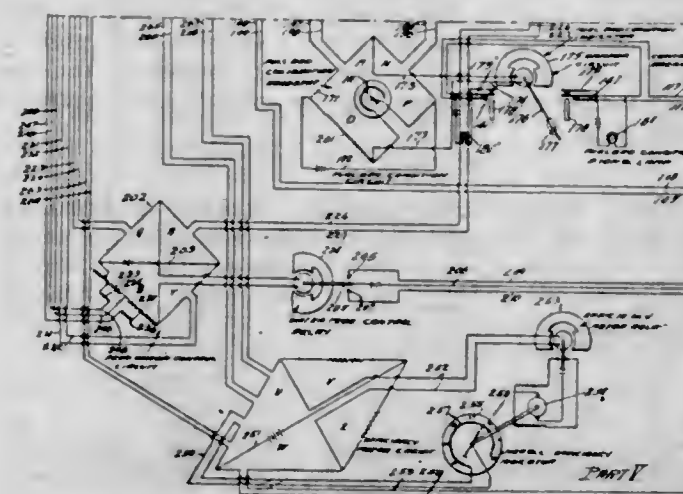
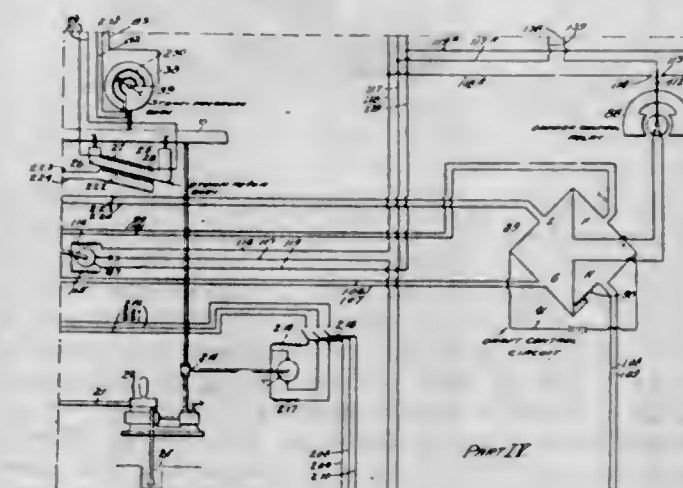
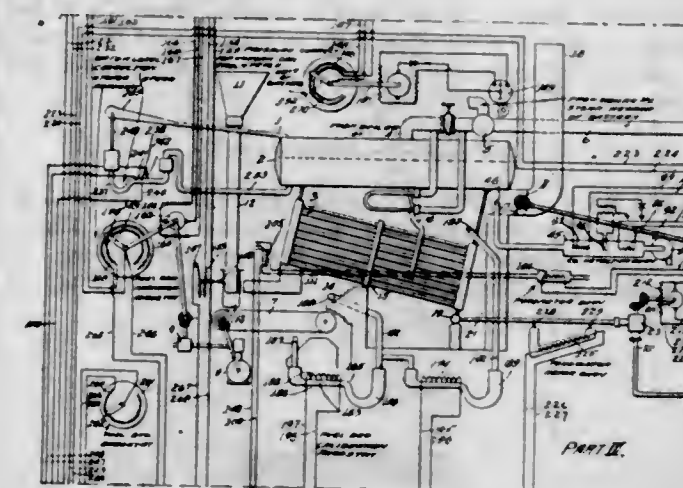


port, and supporting means mounted on said closure member, which supporting means normally serves in the closed position of said closure member to hold the container against movement in said direction, but when the closure member is opened permits the container to move independently of the latter in said direction against said support.

1,643,640. CONTROL SYSTEM FOR MECHANICALLY-FIRED BOILERS. JULIUS NAIMAN, Chicago, Ill., assignor to J. W. Dana, Kansas City, Mo. Filed Oct. 8, 1920. Serial No. 415,560. 13 Claims. (Cl. 236-14.)



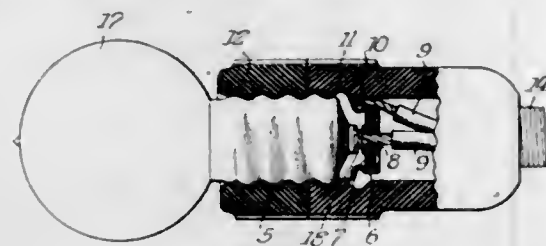
1,643,640.—Continued.



1. In combination, a boiler having a furnace, a meter measuring the heat in the steam delivered from the boiler, automatic fuel feeding means for feeding fuel to the

boiler, connections between said meter and feeding means controlled by said meter for varying in part the action of said feeding means, an air supply device, connections for varying in part the air supply as a function of fuel feed, and means controlled by the condition of the furnace for varying in part the air supply.

1,643,641. ELECTRIC-LAMP SOCKET. NEWELL B. PARSONS, La Grange, Ill., assignor to Belden Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed July 7, 1922. Serial No. 573,394. 4 Claims. (Cl. 173-358.)



1. An electric lamp socket comprising a hollow shell of relatively uniform cross-sectional dimensions from end to end and open at one end to receive a lamp, the other end of said shell being formed with a reduced extension to receive line connections from a source of power, and a hollow, sectional insulating cover element for receiving the shell, each of said sections having an appreciable expanse of exterior surface affording hand grips for assembling the sections on the shell, the adjacent interior portions of said sections being of substantially the same cross-sectional dimensions as the shell to receive the shell therewithin, and the cross-sectional dimensions of the interior portions of said sections at the respective ends of the shell being reduced to form abutments to prevent end wise movement of the shell with respect to the sections so that the sections will be automatically centered on the shell.

1,643,642. TRAVELING CRANE. ELLIS J. G. PHILLIPS, Aurora, Ill., assignor to Richards-Wilcox Manufacturing Company, Aurora, Ill., a Corporation of Illinois. Filed Feb. 7, 1925. Serial No. 7,615. 20 Claims. (Cl. 104-98.)

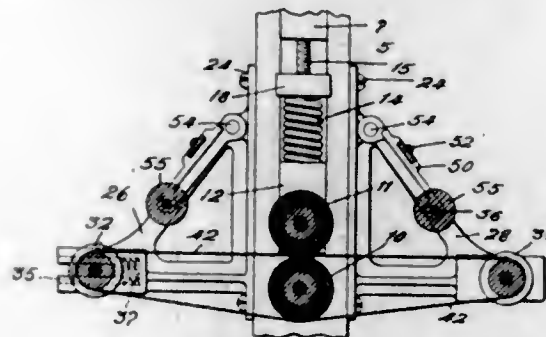


1. A trolley apparatus comprising a stationary track section, a track section movable into and out of alignment therewith, a bracket supported on said movable track section, a bolt guided by said bracket and adapted to effect locking engagement with said stationary track section, a stop pivotedly supported on said bracket and swinging in a vertical plane parallel with the plane of the movable track section, means for actuating said stop with the motion of said locking bolt, and means for projecting and retracting said bolt.

1,643,643. CLOTHES WRINGER. WILLIAM A. SCHNEIDER, Glen Ridge, N. J. Filed May 24, 1923. Serial No. 641,055. 1 Claim. (Cl. 68-32.)

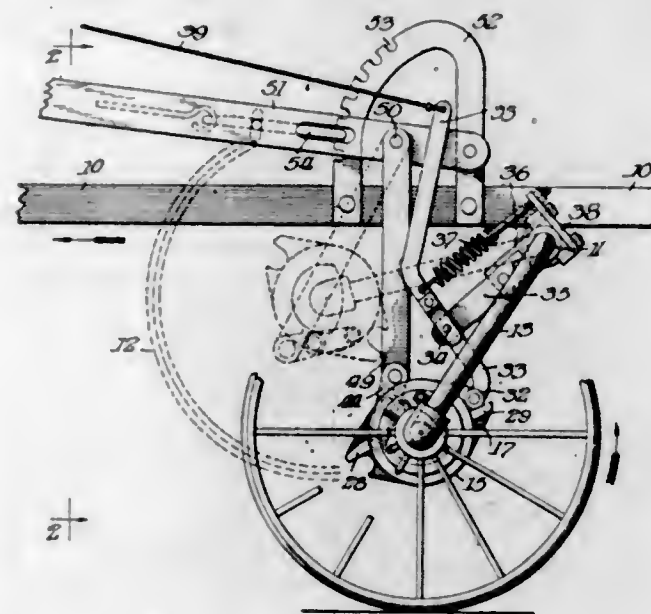
A clothes wringer comprising a frame, cooperating wringing rollers journaled in said frame, auxiliary frames extending from each side of said wringer frame, each

auxiliary frame being substantially in the form of a triangle one side of which cooperates with the vertical side of the wringer frame and another side of which is inclined downwardly therefrom, rolls journaled in said auxiliary frame with their axes substantially parallel to the axes of said wringing rollers, a feed apron supported by said rolls and arranged with its upper stretch passing



between said wringing rollers, and a pivoted guard located above the apron on each side of said wringer comprising guard frames pivotally mounted in said auxiliary frames and limited in their downward movement by engagement with the inclined sides of the latter, and a guard roller carried by and extending beyond the lower ends of each guard frame.

1,643,644. PLOW-LIFT MECHANISM. HENRY S. SMITH, Dixon, Ill., assignor to J. I. Case Threshing Machine Company, Racine, Wis., a Corporation of Wisconsin. Filed Apr. 17, 1922. Serial No. 553,710. 12 Claims. (Cl. 97-73.)

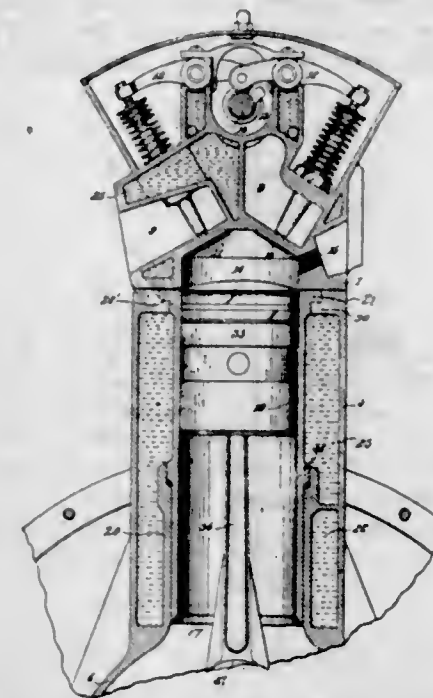


1. In a power lift mechanism for plows, the combination of a plow supporting frame, a ground wheel, a member driven by said ground wheel, a crank pin on said driven member, a link connected at its upper end to said frame, and a variable power driving connection between said crank pin and the lower end of said link, said connection being varied so as to provide a comparatively strong initial lifting power which is reduced in strength as the lifting operation progresses.

1,643,645. INTERNAL-COMBUSTION ENGINE. ANDREW STRAND, Minneapolis, Minn. Filed Dec. 2, 1920. Serial No. 427,770. 4 Claims. (Cl. 123-173.)

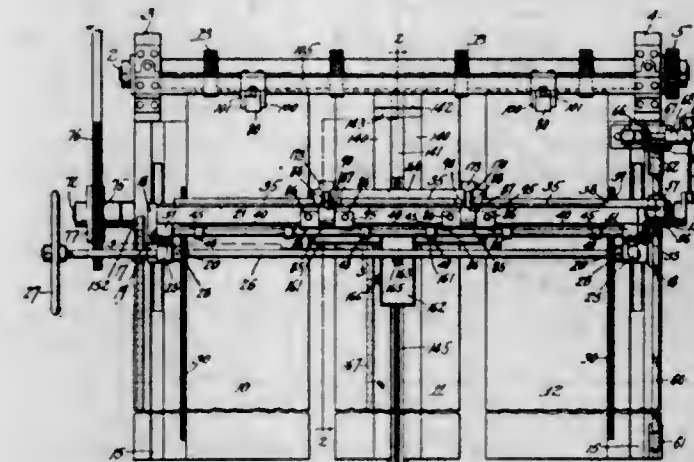
1. An engine comprising a casing having a wall formed to provide a water jacket, a second wall spaced from said first wall and integrally connected therewith at the lower

portion thereof, said second inner wall extending upwardly and terminating at a point near the center of the outer wall, a flange formed in the upper portion of



said outer wall, seats formed in said flange and in the upper portion of said inner wall and a removable sleeve seated within said seats.

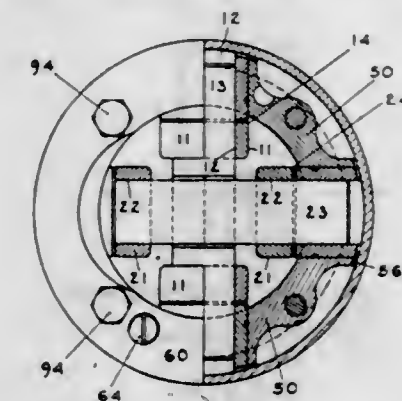
1,643,646. SHEET-FEEDING MEANS. GEORGE W. SWIFT, Jr., Bordentown, N. J. Filed Apr. 9, 1926. Serial No. 100,909. 20 Claims. (Cl. 271-44.)



1. In a feeding machine, the combination of means for supporting a pile of sheets, means for separating individual sheets from said pile, means for feeding sheets from said pile, a caliper member mounted above the plane of feed of sheets, and forming a delivery throat in the plane of feed of sheets, and yielding means engaging sheets and exerting downward pressure thereon in rear of and adjacent to said caliper member for threading individual sheets beneath said caliper member and frictionally feeding adjacent sheets toward said caliper member.

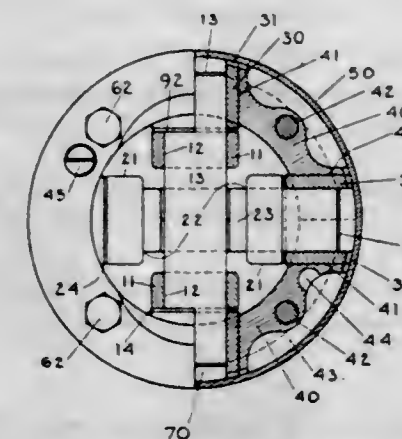
1,643,647. UNIVERSAL JOINT. GURDON LUCIUS TARBAX, North Plainfield, N. J. Filed June 24, 1926. Serial No. 118,304. 4 Claims. (Cl. 64-102.)

1. In a universal joint, the combination with a driving and driven member and trunnions carried thereby; a torque ring provided with radial seats; bushings interposed between the trunnions and the torque ring; slots,



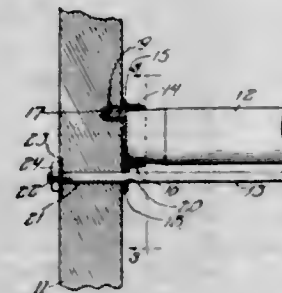
the torque ring and means to tightly clamp the bushings in the seats of the torque ring to prevent the turning of the bushings.

1,643,648. UNIVERSAL JOINT. GURDON LUCIUS TARBAX, North Plainfield, N. J. Filed June 24, 1926. Serial No. 118,305. 3 Claims. (Cl. 64-102.)



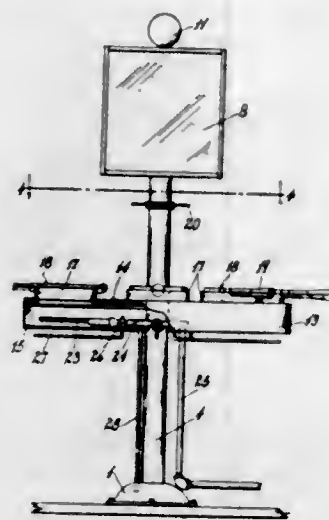
1. In a universal joint, the combination with a driving and driven member and trunnions carried thereby, a built up connecting member comprising four quadrants each provided with two semi-circular seats, bushings adapted to fit in the seats and surround the trunnions, a casing completely surrounding the quadrants and bushing ends, the bushing ends being curved to conform to the inside of the casing, whereby the bushings are prevented from turning in their seats, and a retaining ring and means to hold the assembly together.

1,643,649. LADDER. THOMAS THOMPSON, Brighton, Iowa. Filed May 18, 1926. Serial No. 109,881. 1 Claim. (Cl. 228-58.)



As an improved article of manufacture a plate for use in a step ladder, the said plate embodying in a single integral element a body portion having a rung-receiving flange forming a socket, a lug projecting in the plane of the plate and having a rod-receiving opening, and a lug projecting laterally from the back of said plate to engage in an opening in the upright of the ladder, the last-named lug being disposed eccentrically with respect to the centre of said socket.

1,643,650. ROTARY COMBINATION STOVE. ROSS GILBERT WILLIAMS, Long Beach, Calif. Filed Sept. 2, 1926. Serial No. 133,139. 9 Claims. (Cl. 126-39.)



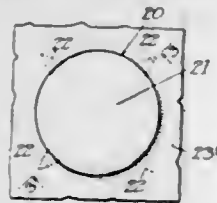
1. A rotary combination stove comprising a drum, means rotatably mounting said drum and a plurality of circumferentially spaced stationary burners within said drum.

1,643,651. MOLD. VICTOR A. T. ALBRIGHT, Bedford, Ind. Filed Jan. 12, 1926. Serial No. 50,730. 7 Claims. (Cl. 22-122.)



1. In a mold for saw teeth, side pieces, one of said side pieces being recessed at its top to provide an overflow channel presenting a cracking edge and both of said side pieces forming side walls for the mold cavity, said cavity being enlarged at its bottom, whereby molten metal upon cooling and shrinking within such cavity is so held as to effect a cracking of solidified metal by said cracking edge.

1,643,652. PLATE MOUNTING. HELGE A. BORRESEN, Chicago, Ill., assignor to The C. H. Hanson Company, Chicago, Ill., a Corporation of Illinois. Filed June 6, 1925. Serial No. 35,431. 5 Claims. (Cl. 40-25.)

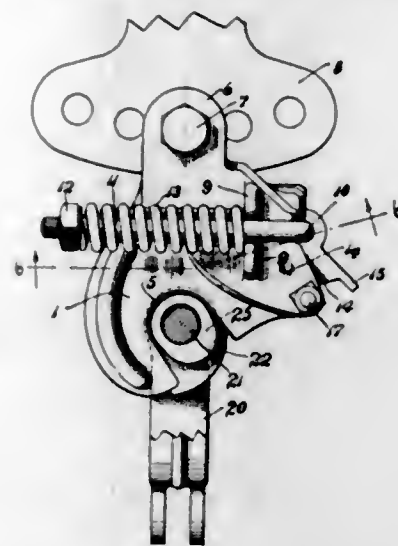


1. The combination with a supporting member provided with a groove, of a plate mounted thereon, said plate having a downturned edge seated in said groove, and members on said plate extending beyond said downturned edge to embed themselves in said supporting member.

1,643,653. SAFETY HITCH. GERRIT DEN BESTEN, Holland, Mich. Filed Feb. 23, 1926. Serial No. 59,944. 7 Claims. (Cl. 280-33.16.)

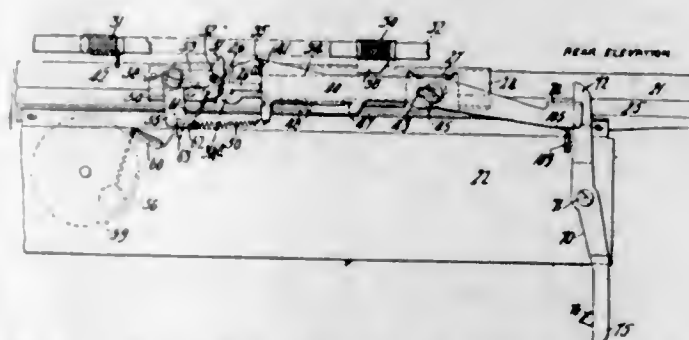
1. An automatic hitch, comprising a support including upper and lower plates connected at one side and open at another side, each of said plates having a slot at the open side of the support, a rod bent into U-shape around

said support, spring means disposed between the support and the ends of the rods for drawing the bend of said rod against a side of the support, a member pivotally mounted on said rod at the bend thereof and extending between the upper and lower plates, spring means tending to turn said member in one direction, a clevis having a clevis pin adapted to pass into the slots of said upper and lower



plates, and means associated with the clevis pin engaging with said support and against said member, said means tending to rotate and bear with pressure against said member on the application of a pulling force to said clevis whereby the spring means on said U-shaped rod is overcome and the member moved outwardly when the force exceeds a predetermined amount, thereby effecting an automatic disconnection of the clevis.

1,643,654. TYPEWRITING MACHINE. WILLIAM A. DONSON, Bridgeport, Conn., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed Nov. 6, 1925. Serial No. 67,298. 10 Claims. (Cl. 197-110.)



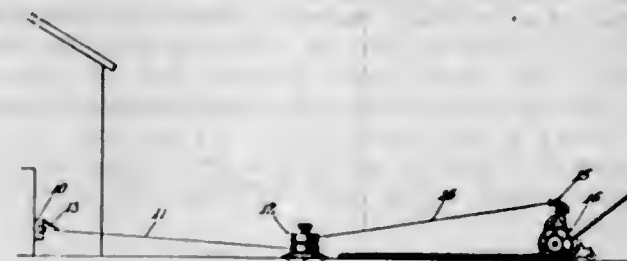
2. In a typewriting machine, the combination with a carriage, a marginal stop-rod on said carriage, and two marginal stops mounted on said rod, one adjacent each end thereof, of a pivot-member fast on said machine at the rear thereof, a leftwardly-extending lug on the rear of said machine positioned to the right of the pivot, a lever arranged for engaging the left-hand one of said marginal stops and provided with a hole for engaging around the pivot and a finger-member at its right end, the right end portion of said lever being arranged to engage loosely under the outer portion of said lug with the finger engaging under the inner portion of said lug, whereby the upward movement of said lever may be arrested by said lug and the lever may better resist side-wise deflection, a second lever mounted on the pivot outside of said first-named lever and having its right end arranged to be compressedly engaged by the right-hand one of said marginal stops, and means for fastening said levers together between the pivot and their right ends, whereby said first-named lever may help stiffen said second-named lever against compression from said right-hand marginal stop.

1,643,655. ELECTRIC SOCKET. ISAAC F. GILES, Yonkers, N. Y., assignor to Heite Electric Manufacturing Corporation, Tuckahoe, N. Y., a Corporation of New York. Filed Sept. 26, 1925. Serial No. 58,794. 3 Claims. (Cl. 173-358.)



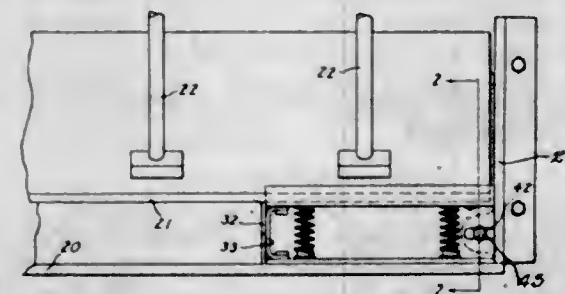
1. An electric socket having a shell and cap each made of insulating material threaded one into the other, the shell having an internal shoulder, a supporting member carrying the screw threaded sleeve, the central contact, the conductors thereto and the binding screws, said supporting member engaging the shoulder in the shell, and having a partition between the binding screws of the two contacts, which partition coacts with the cap to prevent independent rotation.

1,643,656. ELECTRIC LAWN MOWER. PAGE S. HASELTON, Bayside, N. Y., assignor to Coldwell Lawn Mower Company, Newburgh, N. Y., a Corporation of New York. Filed Oct. 1, 1925. Serial No. 59,794. 22 Claims. (Cl. 191-12.)



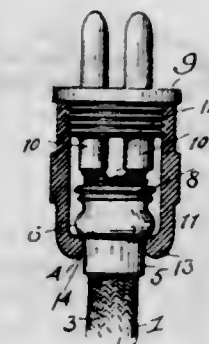
1. In combination, lawn mower mechanism, a handle extending upwardly therefrom whereby the operator may steer the machine, an electric motor connected with and adapted to propel the mower mechanism, means for supplying current to said motor comprising a flexible conductor having a swivelled connection to a part on said mower mechanism, a strain-relieving means rotatable around said swivelled connection, and a self-retracting reel deposited at a fixed position remote from the mower, said conductor extending directly from said strain-relieving means to said reel.

1,643,657. PAPER-MAKING APPARATUS. RALPH E. HEISEL, Chillicothe, Ohio, assignor to The Mead Pulp & Paper Company, Dayton, Ohio, a Corporation of Ohio. Filed Nov. 12, 1925. Serial No. 68,581. 8 Claims. (Cl. 92-44.)



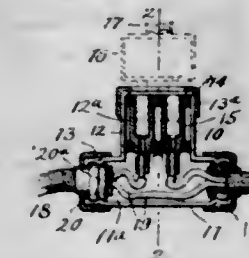
1. In an inlet for paper-making machinery comprising a flow-directing apron and a plate controlling the effective height of the inlet opening, means for varying the width of said inlet opening comprising an expansible member adapted to be received between said apron and plate and to close off a portion of said inlet opening.

1,643,658. CORD LOCK. FOSTER F. HILLIX, Cleveland, Ohio, assignor, by mesne assignments, to White Sewing Machine Corporation, Cleveland, Ohio, a Corporation of Delaware. Filed Dec. 16, 1922. Serial No. 607,287. 1 Claim. (Cl. 173-322.)



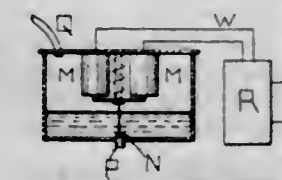
The combination with a cord of insulating material having conductors therein, of a rigid collar clamped upon the cord comprising an inner sleeve of compressible insulating material adapted to fit upon the cord and an outer deformable metallic sleeve having one end crimped upon said inner sleeve, its opposite end fitting upon the cord and having a raised circumferential strain relieving bead intermediate its ends.

1,643,659. CONNECTER FOR ELECTRIC CONDUCTORS. FOSTER F. HILLIX, Cleveland, Ohio, assignor, by mesne assignments, to White Sewing Machine Corporation, Cleveland, Ohio, a Corporation of Delaware. Filed Apr. 20, 1923. Serial No. 633,428. 3 Claims. (Cl. 173-338.)



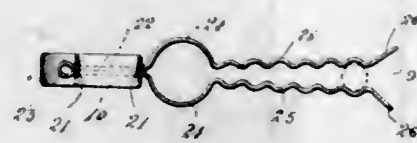
1. A series connector comprising a stamped two-counterpart T-shaped casing adapted to accommodate a two-wire electric cable, one of said wires being continuous and the other being severed within said casing, a contact member secured within said casing and adapted to receive the severed ends of said wire, cord licks positioned in said casing adjacent opposite ends, and sleeves slidably fitted over the ends of said casing to simultaneously secure the casing together and maintain said cord locks in position.

1,643,660. BILLBOARD RADIO PICTURE RECEIVER. CHARLES FRANCIS JENKINS, Washington, D. C. Filed June 5, 1925. Serial No. 35,117. Renewed Sept. 10, 1926. 2 Claims. (Cl. 178-11.)



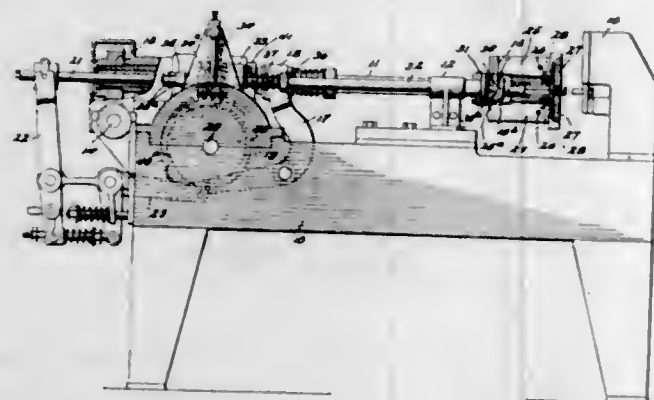
1. In a picture-receiving mechanism, the combination of a picture-receiving surface, an ink-fountain carrying arm, means for sweeping the arm over said picture surface, means for producing an air pressure in said ink fountain, means for releasing ink from said fountain, and means for pre-determining the order of the ink release.

1,643,661. HANGER. THOMAS W. KENDALL, Newark, N. J. Filed Mar. 4, 1926. Serial No. 92,148. 3 Claims. (Cl. 248-49.)



1. A device of the class described comprising two strips of spring material, one of said strips being bent to present a slotted loop provided with arms having opposed inreaching elements to grip the wall of a can therebetween, the other strip having opposed undulations adapted to receive an article to be held therebetween and extending at a right angle from the first named strip, and means integral with the last named strip to secure it in the slots of the loop on the first named strip.

1,643,662. DIE OPENING AND CLOSING MECHANISM. JAMES A. KINNEY, Lebanon, Pa., assignor to Bethlehem Steel Company, Bethlehem, Pa., a Corporation of Pennsylvania. Filed Dec. 28, 1922. Serial No. 609,041. 15 Claims. (Cl. 10-89.)



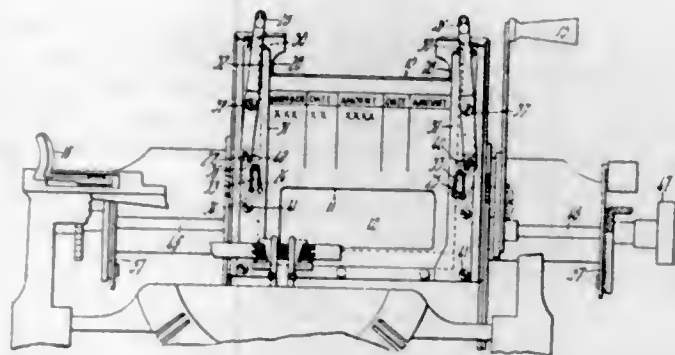
3. In a machine for threading bolts or the like and having a stationary frame, a rotatable die head carrying a plurality of dies movable into closed and open position, a blank holder adapted to be fixed to the frame, means for advancing and retracting said head relative to said holder, a member for maintaining said dies in closed position as said head is advanced, cooperating means on said member and head for causing said member to move with said head as the same is advanced, means movable relatively to the frame for moving said member relative to said head to permit opening of said dies after the threading operation is completed, and an adjustable device for varying the time of operation of said last named means whereby the length of threads cut may be varied.

1,643,663. PRODUCTION OF METHANE. FRITZ KLATTE and JULIUS SÖLL, Schwanheim-on-the-Main, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt, Germany. Filed Nov. 30, 1925. Serial No. 72,402, and in Germany Dec. 3, 1924. 1 Claim. (Cl. 260-169.)

The process of producing methane comprising acting on a current of gases containing carbon monoxide and hydrogen with a nickel catalyst at a temperature above

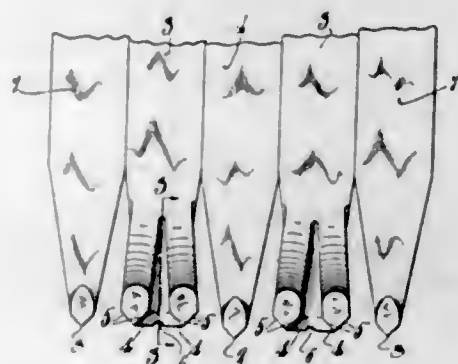
500° C., the velocity of flow of the gases past the catalyst being regulated so as to avoid the separation of carbon and to provide for a quick removal of the gases treated from the hot zone of reaction.

1,643,664. TYPEWRITING MACHINE. ALFRED G. F. KUROWSKI, Brooklyn, N. Y., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed Oct. 15, 1925. Serial No. 62,552. 16 Claims. (Cl. 197-135.)



1. The combination with a typewriting machine having a card-holding frame arranged to reciprocate tangentially in front of a revolvably mounted platen, and means for vibrating a ribbon in front of the types when the card-holding frame is in its lower position and for silencing the ribbon when the frame is in upper position, of means on the sides of said frame effective for engaging the bottom edge of a card in said frame for locating the card to receive ribbon typing upon the lower edge portion of the card.

1,643,665. CHANNELER MECHANISM. FRANK M. LEE, Chicago, Ill., assignor to Sullivan Machinery Company, a Corporation of Massachusetts. Filed Apr. 27, 1922. Serial No. 556,967. 18 Claims. (Cl. 262-33.)



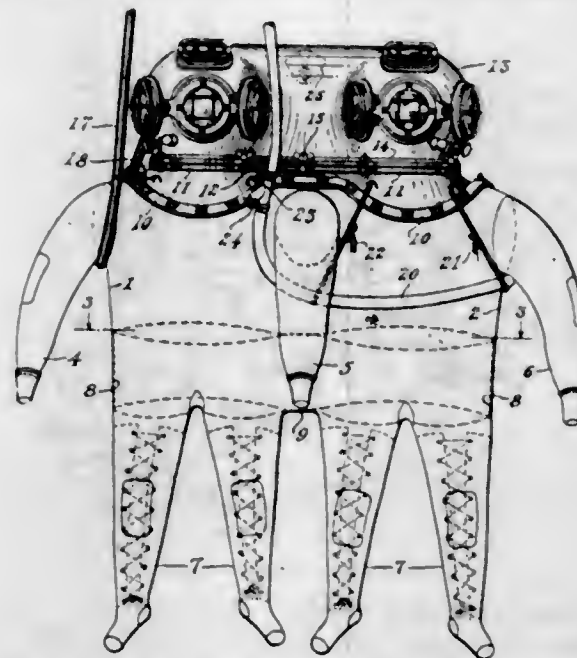
13. A channeler gang comprising a steel having acutely angled crossed edges.

1,643,666. ART OF TREATING MOLASSES AND PRODUCT RESULTING THEREFROM. JESSE H. LEFTWICH, Chicago, Ill. Filed May 31, 1924. Serial No. 716,957. 8 Claims. (Cl. 99-11.)

1. A process of improving tinctorial characteristics of low grade or final by-product molasses, comprising the addition permanently to the molasses of decolorizing carbon in finely divided form.

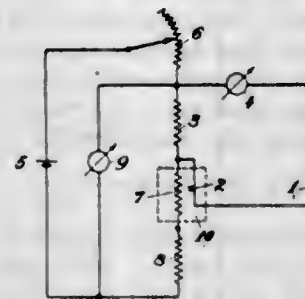
5. A stock food ingredient comprising final by-product molasses containing an admixture of decolorizing carbon.

1,643,667. DIVING ARMOR. EDWARD LEVY, New York, N. Y. Filed Feb. 8, 1926. Serial No. 86,807. 3 Claims. (Cl. 61-70.)



1. A diving armor for two persons having a body section with three sleeves and four legs.

1,643,668. THERMOELECTRICAL MEASURING ARRANGEMENT. NILS LINDBLAD, Stockholm, Sweden, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany, a Corporation of Germany. Filed Jan. 26, 1927. Serial No. 163,631, and in Germany June 20, 1925. 1 Claim. (Cl. 73-32.)



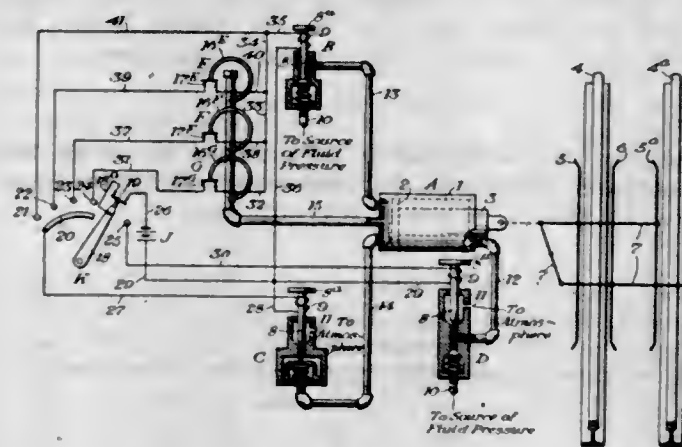
In an electric measuring system, a source of direct current having an external closed circuit, a variable resistance, a second resistance of substantially constant value, a third resistance having a positive temperature coefficient, said circuit including said variable resistance, said second resistance and said third resistance in series with said source, a voltmeter connected across said variable resistance and said source, a thermo-electric circuit connected across said second resistance and provided with hot and cold junctions, the potential fall across said second resistance due to said source being normally in the same direction as the potential fall across the same resistance due to the thermo-electric circuit, a measuring device in said thermo-electric circuit, said third resistance being arranged adjacent one of said junctions so as to be subjected to the same temperatures, and being adapted to proportionately diminish the current in said external closed circuit upon rise in temperature of said third resistance.

1,643,669. RAILWAY BRAKING APPARATUS. HAROLD S. LOOMIS, Wilkesburg, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a Corporation of Pennsylvania. Filed Dec. 26, 1925. Serial No. 77,751. 1 Claim. (Cl. 303-20.)

Railway braking apparatus comprising a braking bar located in the trackway, a fluid pressure motor for actuating the bar, a first winding for controlling the admission of fluid to the motor, a second winding for controlling the exhaust of fluid from the motor, a source of energy having one terminal connected with one terminal

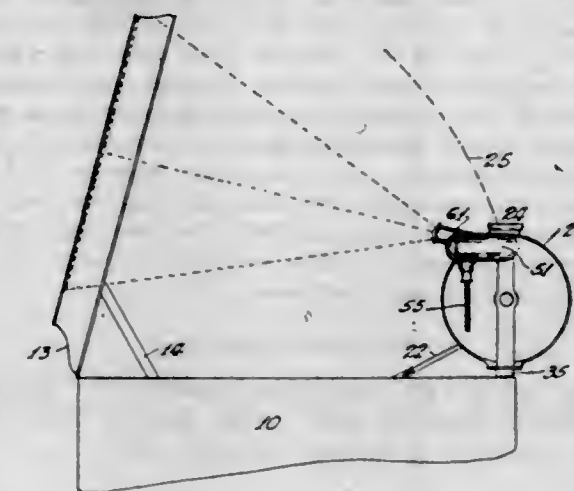
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nal of each of said windings, two fixed contact members connected with the free terminals of said two windings respectively, a manually operable lever movable into



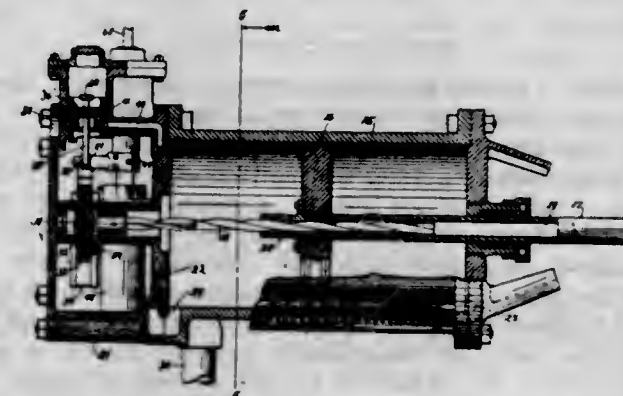
engagement with both fixed contacts but not with either fixed contact alone, and manually operable means for connecting the free terminal of the source with said lever.

1,643,670. MOTION-PICTURE DEVICE. MATTHEW H. LOUGHRIDGE, Bogota, N. J. Filed Feb. 21, 1921. Serial No. 446,657. 17 Claims. (Cl. 88-24.)



1. In a motion picture projector, the combination of a casing with a hinged cover, a motor within said casing for operating the projecting device, means embodied in said projecting device arranged to engage said casing for positioning said device to project pictures upon said cover when the latter is open so that the axis of projection is substantially perpendicular to said cover and flexible driving means connecting said motor with said projecting device.

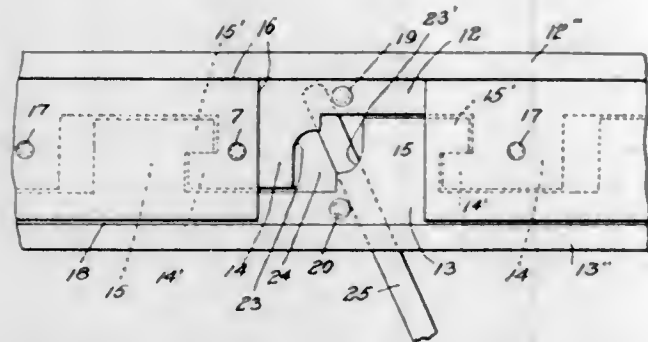
1,643,671. STEAM ENGINE. NATHAN M. LOWER, Pittsburgh, Pa., assignor to Locomotive Stoker Company, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed July 14, 1922. Serial No. 575,062. 19 Claims. (Cl. 121-164.)



1. In a reciprocating engine of the type described, the combination with a distributing valve and the piston

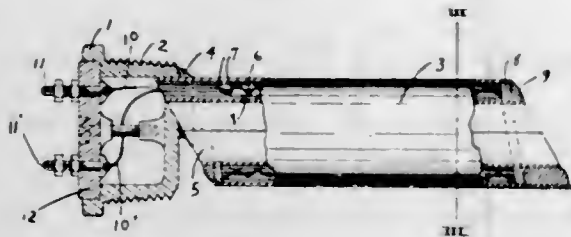
of the engine, of means including a mechanically operated device for shifting the valve, a fluid motor for actuating such device, a valve controlling such motor and operable by the engine piston at the end of its stroke, and means movable by the engine piston for regulating the action of the valve-opening means.

1,643,672. DEMOUNTABLE-TIRE RIM. DAVID H. McCLELLAND, Pittsburgh, Pa. Filed Sept. 5, 1924. Serial No. 736,932. 2 Claims. (Cl. 301—35.)



1. A demountable tire rim comprising two annular sections having inner abutting edges, a superposed discontinuous band rigidly attached to one of said sections, the abutting edges of the sections being provided with a series of projecting lugs forming tongues and recesses, the tongues of one section being adapted to interlock with the recesses of the remaining section upon relative circumferential movement of the sections whereby to hold the sections in assembled relation, the opposite ends of said band terminating short of each other leaving a space therebetween disposed in radial alignment with one of the lugs on each of said sections.

1,643,673. ELECTRIC-HEATING ELEMENT. WARREN C. MERRILL, Alameda, Calif. Filed June 2, 1926. Serial No. 113,120. 7 Claims. (Cl. 219—41.)

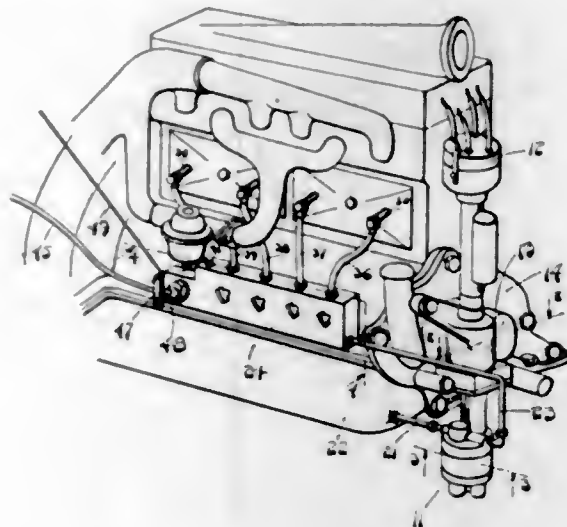


1. An electric heating element comprising a head having a resistance element of tubular construction extending therefrom unsupported at its outer end arranged to carry a flow of liquid through its tubular body from the head end for discharge at the outer end and said outer end being cut off at a bevel to the axis of the tubular body.

1,643,674. ENGINE-LUBRICATING SYSTEM. OTTO MILLER, Cincinnati, Ohio. Filed May 20, 1926. Serial No. 110,461. 3 Claims. (Cl. 184—6.)

1. A lubricating system for multi cylinder engines comprising a source of oil supply, a pump connected with and adapted to withdraw oil from the source of supply, a manifold connected with and adapted to receive oil from the pump, a connection from the manifold to each of the engine cylinders, adapted to deliver oil to and between the walls of the cylinder and the piston, a connection from the manifold to the source of supply, a valve in the manifold adapted to control the flow of oil through the cylinder connections and through the manifold to source connection, a separate valve in each mani-

fold to cylinder connection to proportion the amount of oil fed to each cylinder, and an automatic by-pass valve in the manifold adapted to regulation to assist the first

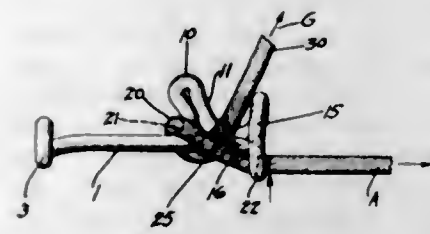


mentioned valve in governing the pressure and total amount of oil fed to the coating cylinder and piston surfaces through the manifold to cylinder connections.

1,643,675. BITUMINOUS EMULSION. JOHN ALEXANDER MONTGOMERIE, Glasgow, Scotland. Filed June 13, 1924. Serial No. 719,739, and in Great Britain Dec. 8, 1923. 2 Claims. (Cl. 134—1.)

2. The process of producing a stable liquid emulsion consisting in melting Mexican asphalt which is solid at normal temperature then pouring it into a dilute aqueous caustic alkaline solution at a temperature of about 215° F. and stirring the mixture to effect a reaction between the alkali and one of the ingredients of said asphalt.

1,643,676. ROPE-SECURING DEVICE. ARTHUR F. NELSON, Minneapolis, Minn. Filed Mar. 7, 1927. Serial No. 173,558. 4 Claims. (Cl. 24—131.)

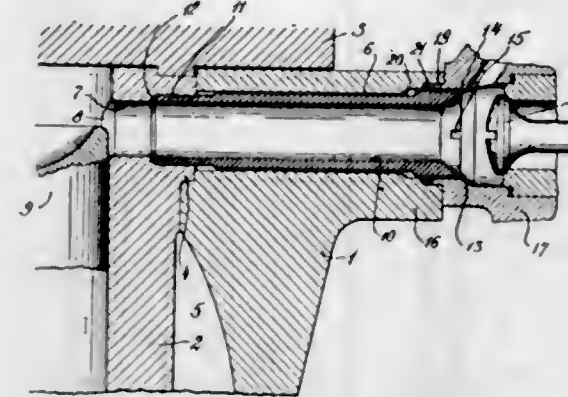


1. A bracket formed from a single length of wire and having, rearwardly vertically spaced legs terminated by eyes adapted to receive fastening devices, a forward terminal vertical loop as a reinforcement, and an intermediate horizontal portion reinforced by bending upon itself, that portion of the bracket adjacent the loop and between the loop and horizontal portion, being at a level above the horizontal projection.

1,643,677. CYLINDER CONSTRUCTION FOR INTERNAL-COMBUSTION ENGINES. ERNEST NIBBS, New London, Conn., assignor to Electric Boat Company, New London, Conn., a Corporation of New Jersey. Filed Mar. 4, 1926. Serial No. 92,144. 9 Claims. (Cl. 123—173.)

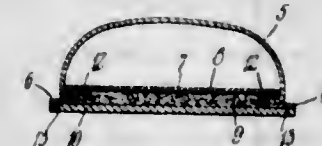
7. In an internal combustion engine, the combination of a cylinder jacket, a liner therein, a head closing one end of the jacket, a piston movable within the jacket in contact with the liner, an opening through the liner

at a point beyond the limit of travel of the piston toward the head, a passage through the jacket, a tube mounted in the liner in communication with the opening and extend-



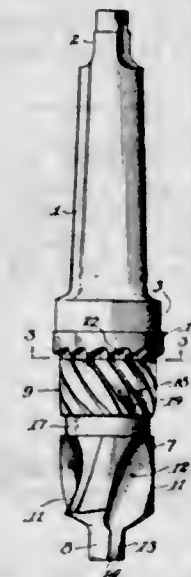
ing into the passage, and packing at either end of the tube to prevent leakage between the latter and the inner wall of the passage.

1,643,678. BOOT AND SHOE AND METHOD OF MANUFACTURE. RICHARD W. PEER, East Orange, N. J., assignor of one-half to Philip A. Sawyer, Hasbrouck Heights, N. J. Filed Mar. 22, 1926. Serial No. 96,375. 6 Claims. (Cl. 12—142.)



1. A shoe having, in combination, an intermediate sole, an inner sole extending across the inner face of said intermediate sole with its marginal portion folded over the edge thereof and inwardly into contact with and terminating at the outer face of the marginal portion of said intermediate sole, an upper enclosing said inner and intermediate soles and folded inwardly against the inwardly folded marginal portion of the inner sole and fastening devices extending through the inwardly folded portions of the inner sole and upper and free of interlocking engagement with the intermediate sole.

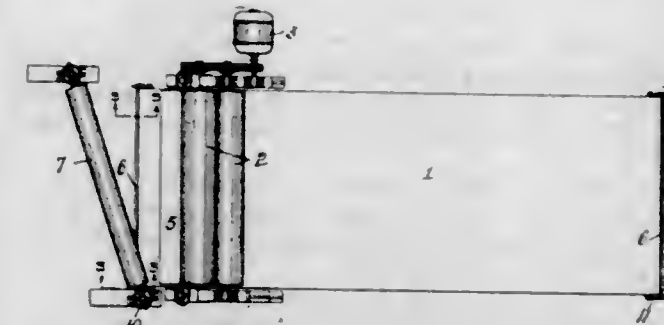
1,643,679. FLUE-SHEET TOOL. MARCY B. RODERICK, Rutherford, N. J., assignor to W. L. Brubaker & Bros. Company, Millersburg, Pa., a Corporation. Filed Apr. 6, 1926. Serial No. 100,133. 2 Claims. (Cl. 77—66.)



1. A tool of the character described comprising a stock having a projecting stem and a shoulder at its point of intersection with the stem, said stem being provided with a key receiving groove, a reamer mounted on said stem,

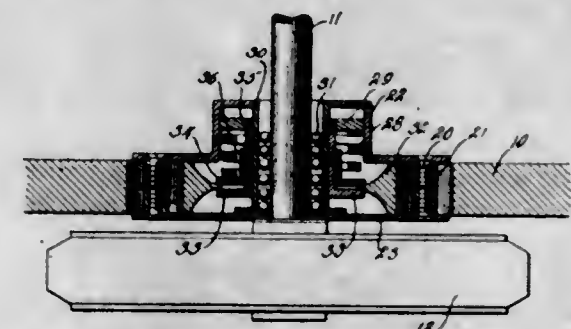
a filleting cutter mounted on the stem between the reamer and shoulder, said reamer and filleting cutter being provided with spiral cutting blades and flutes and with key receiving grooves registering with each other and with the grooves in the stem, a key seated in the groove of the stem, reamer and filleting cutter and holding said reamer and cutter against rotation, and a drilling tool in threaded engagement with the stem and arranged to bear upon the forward end of the reamer for clamping said reamer and filleting cutter against said shoulder.

1,643,680. MANUFACTURE OF SHEET GLASS. HAROLD R. SCHUTZ, Toledo, Ohio, assignor to The Edward Ford Plate Glass Company, Rossford, Ohio, a Corporation of Ohio. Filed Dec. 27, 1926. Serial No. 157,055. 2 Claims. (Cl. 49—6.)



1. In combination, a conveyor for receiving sheet glass from a forming source and conveying it away from such source, a severing bar carried by the conveyor crosswise thereof and projecting above its sheet conveying surface, and a roller disposed above the conveyor and adapted to have rolling co-action with the bar at it passes thereunder to cooperate therewith to effect a severing of the sheet before it becomes set, the roller being disposed with its axis oblique to a vertical plane of the cutting edge of the bar so that a point contact of the roller with the bar will be effected with such point progressing from one side edge to the other of the sheet as the conveyor advances.

1,643,681. VEHICLE SUSPENSION. BENJAMIN F. SEYMOUR, Washington, D. C. Filed Feb. 28, 1920. Serial No. 361,994. 4 Claims. (Cl. 280—106.5.)

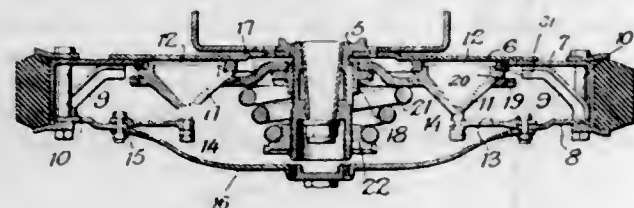


2. In a resilient suspension for vehicle bodies, a journal housing mounted in said body and adapted to have limited movement therein in a plane radial to the axis of said housing, a wheel axle supported in the housing to revolve therein, annular wedging elements for the axle, and a spring tending to hold the elements in cooperative position thereby centering the axle, substantially as set forth.

1,643,682. COMBINED RESILIENT BEARING AND TRANSMISSION. BENJAMIN F. SEYMOUR, Washington, D. C. Filed Sept. 24, 1923. Serial No. 664,632. 2 Claims. (Cl. 152—45.)

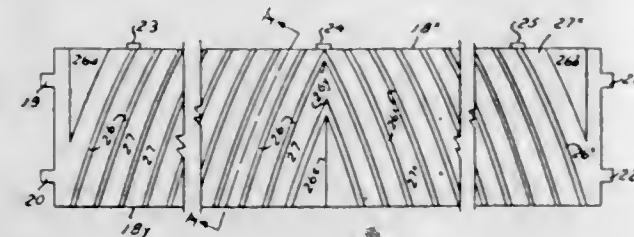
1. In a combined resilient transmission and bearing for vehicle wheels, the combination of a hub portion, a wheel rim portion mounted to have limited relative move-

ment thereon, a member mounted to have axial movement on the hub portion and provided with perforated projections carrying wedge elements within their perforations,



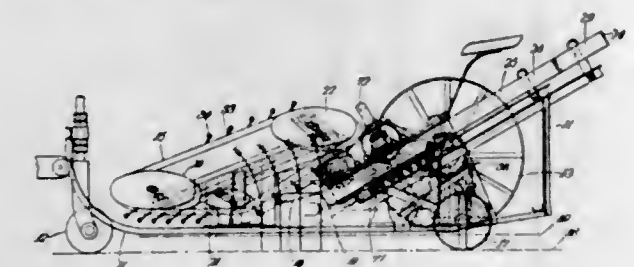
other wedge elements fixedly mounted on the rim portion cooperable with the wedge elements of said member, and resilient means normally holding said wedge elements in cooperative relation, substantially as set forth.

1,643,683. GRAIN-THRASHING CONCAVE AND CYLINDER. FOR A. SHORS, Burdett, Kans. Filed Aug. 19, 1926. Serial No. 130,223. 2 Claims. (Cl. 130-27.)



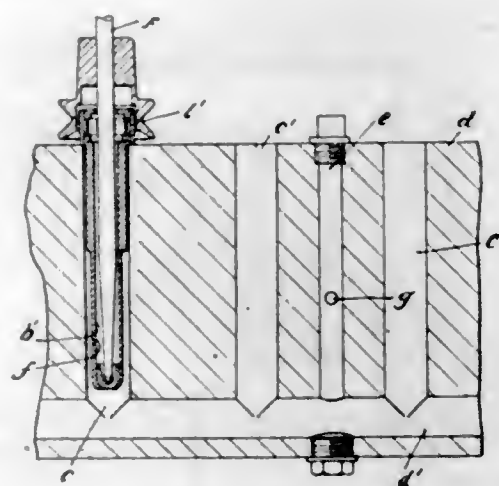
1. A plate of the class described having a plurality of grooves and ribs in the face thereof; a ridge centrally positioned intermediate the ends of the plate, a rib on either side thereof meeting the ridge near the back edge of the plate, said pair of ribs being curved and spaced at a grooved distance from the forward edge of the ridge; the remainder of the plate beyond the said ribs being grooved in curved manner specified to form an outer series of ribs of maximum depth at the front and of zero depth at the rear edge of the plate.

1,643,684. MACHINE FOR HARVESTING FLAX AND OTHER PLANTS. MAURICE SOENENS, Bury St. Edmunds, England, assignor to Robert Boby Limited, St. Andrews Ironworks, Bury St. Edmunds, England. Filed July 14, 1925, Serial No. 43,435, and in Great Britain Feb. 3, 1925. 5 Claims. (Cl. 55-66.)



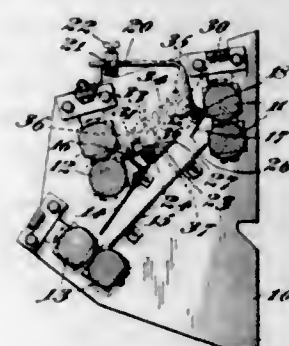
1. In a machine for uprooting flax and other plants, the combination of means for erecting the stalks of the crop and guiding them to pulling devices, said means comprising two sets of pulleys arranged in two parallel triangles, the plane of each triangle being tilted transversely in relation to the direction of advance of the machine; two parallel flexible conveyors each adapted to travel over one of said sets of pulleys; and a series of rigid needles each secured to both the said flexible conveyors, whereby each of the said needles is maintained in a substantially horizontal position throughout said travel, and is in turn protruded laterally from the side of the machine to enter between the stalks of the crop and retracted while rising in contact with said stalks.

1,643,685. SPINNING MACHINE. WILHELM STAHL-ECKER, Stuttgart, Germany. Filed Aug. 3, 1925, Serial No. 47,920, and in Germany Aug. 1, 1924. 2 Claims. (Cl. 308-169.)



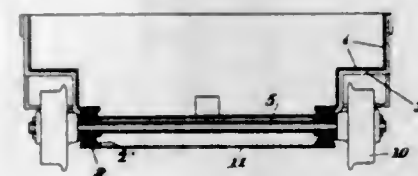
1. In a spinning machine, the combination of a rail having a series of closely related chambers constituting oil reservoirs, a bolster unit seated directly in each of said chambers and provided with an oil feeding opening at its lower portion, and means at its upper portion for preventing escape of the oil from the bolster, said means constituting a bearing for the spindle.

1,643,686. FEEDING-MECHANISM DEFLECTOR. LAWRENCE C. STEELE, Pittsburgh, Pa. Filed Apr. 9, 1924. Serial No. 705,407. 11 Claims. (Cl. 209-72.)



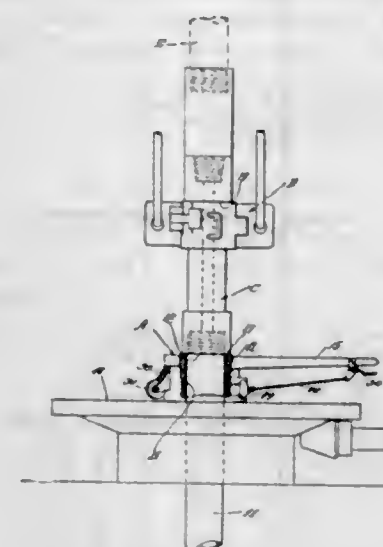
1. In a device for feeding sheets of material, the combination of a pair of feeding means, a normally open guide-way adapted to guide a sheet from one of the feeding means to the other, and means responsive to the resistance to flexure of the sheets being fed by one of the feeding means for closing said guideway.

1,643,687. MINE AND OTHER CAR. AUDLEY HART STOW, Charleston, W. Va., assignor to Edith S. White, Caldwell, N. J. Original application filed Nov. 15, 1920, Serial No. 424,132. Divided and this application filed Sept. 18, 1923. Serial No. 663,371. 11 Claims. (Cl. 105-364.)



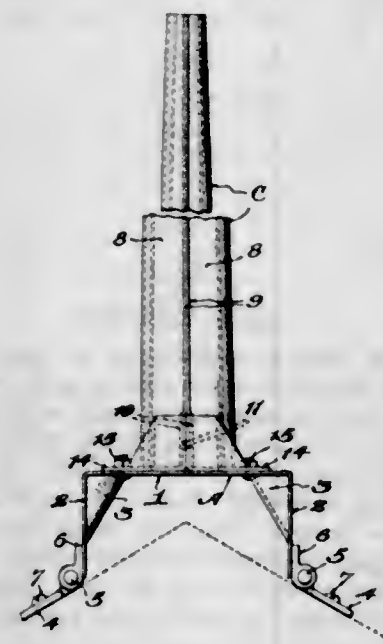
1. In mine and other cars, the combination of a side beam, together with a rotary axle journal boxing consisting of an integral structure including an axle journal bearing extending through the vertical member of the side beam, said axle boxing also including an attaching face adapted to also act as a side beam reinforcing member.

1,643,688. PIPE-SUPPORTING CLAMP. ELIHU C. WILSON, Los Angeles, Calif. Filed Oct. 22, 1924. Serial No. 745,167. 7 Claims. (Cl. 24-249.)



1. In a device for suspending well pipe from rotary tables and the like, a plurality of arcuate members hinged together and adapted to embrace a pipe between them, upwardly facing supporting surfaces on the members, handles on and rigidly projecting from the members whereby they are adapted to be hinged moved, a latch device on one of the members and adapted to cooperate with the other of said members to hold said members locked together, and latch control means on one of the handles and movable with relation thereto.

1,643,689. RADIO AERIAL POLE OR THE LIKE. WILLIAM HARTMAN WOODIN, Jr., Plainfield, N. J. Filed Aug. 31, 1925, Serial No. 53,696. Renewed Aug. 10, 1927. 7 Claims. (Cl. 189-22.)

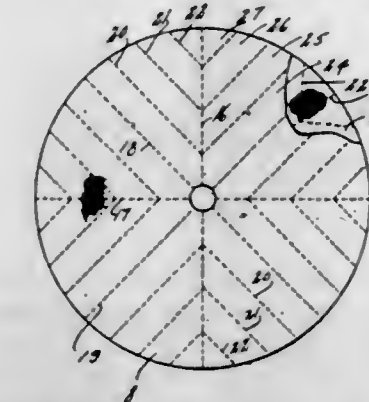


1. A support for poles or the like comprising a sheet metal stand having a platform and offset wing portions, and means for connecting the wing portions to a support.

1,643,690. STITCHED BUFFING SECTION. HARRY ZIMMERMAN, Fremont, Ohio. Filed Nov. 29, 1926. Serial No. 151,487. 2 Claims. (Cl. 51-193.)

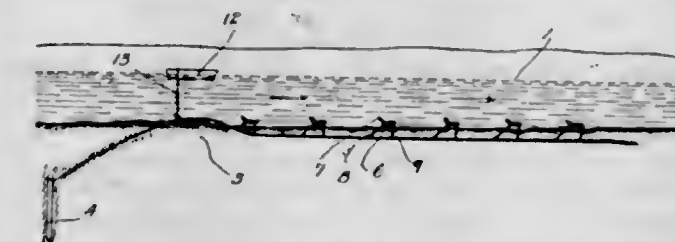
1. A buffing wheel section comprising a plurality of piles of fabric concentric disks, radial assembly stitching uni-

formly spaced, and supplemental V-shaped stitchings providing a plurality of parallel peripherally open pockets, the legs of each V-stitching being parallel to alternate



radial stitchings and the apex of each V-stitching being located on a radial stitching intermediate said alternate stitchings.

1,643,691. APPARATUS FOR RIVER CONTROL. EDWARD BIGNELL, Lincoln, Nebr. Filed Feb. 16, 1925. Serial No. 9,543. 3 Claims. (Cl. 61-3.)

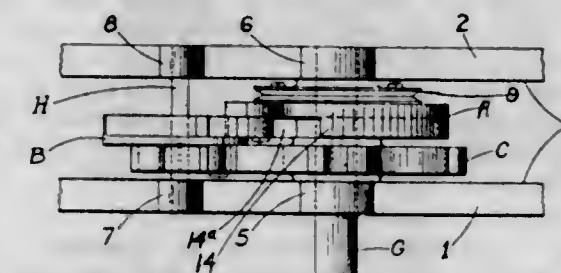


1. An apparatus for removing soil from streams, comprising a cable, means for anchoring the up-stream end of the cable, a slack take up at the down stream end of the cable, and means carried by the cable and free to follow the movable portions of the cable to cause natural waters of the stream to be deflected downward to agitate the soil and carry it away with the flowing stream.

1,643,692. SALTS COMPOSED OF ALKALOIDS AND ACETYLAMINO-HYDROXYPHENYL ARSENIC ACID AND METHOD OF PREPARING THE SAME. FRANÇOIS BILLON, Paris, France, assignor to Les Etablissements Poulenc Frères, Paris, France. Filed Mar. 19, 1926, Serial No. 96,056, and in France Mar. 28, 1925. 7 Claims. (Cl. 260-14.)

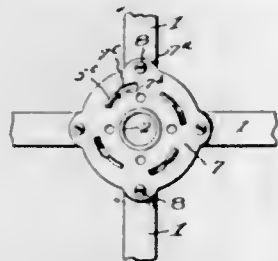
1. A composition of matter comprising a salt composed of quinine, chemically combined with acetylaminohydroxyphenylarsenic acid.

1,643,693. MECHANICAL MOVEMENT. EDGAR T. BLACK, Winston-Salem, N. C. Filed Aug. 18, 1924. Serial No. 732,758. 4 Claims. (Cl. 74-41.)



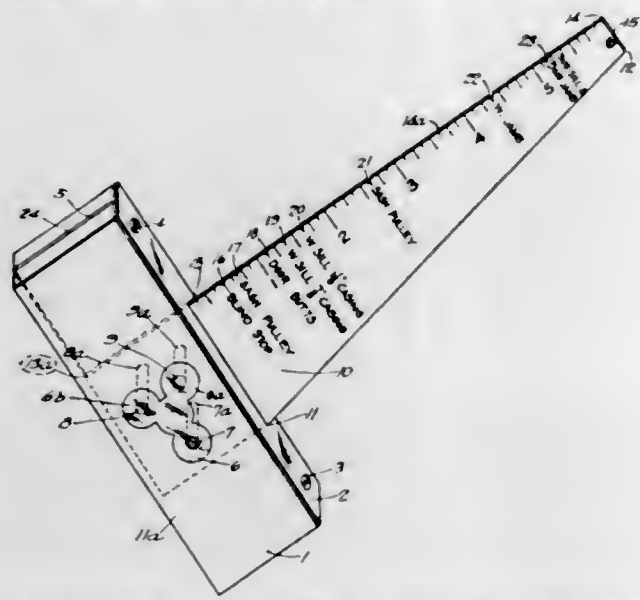
1. In a mechanical movement, a rotary member, a second rotary member intermittently driven by the first-named rotary member, and a third rotary member intermittently and directly driven by the second rotary member, all of said driving connections being of the Geneva stop type.

1,643,694. CHAIR HUB. SPENCER M. BUMP, Cleveland, Ohio, assignor to The Bettcher Stamping & Manufacturing Company, Cleveland, Ohio, a Corporation of Ohio. Filed May 10, 1923. Serial No. 637,990. 14 Claims. (Cl. 155-138.)



1. A securing device for chair legs including a central upright member, a plurality of hub segments each segment having surfaces adapted to engage the adjacent faces of chair legs, said segments being movable radially with respect to said central member to grip the chair legs, means independent of said central member for drawing said segments inwardly toward said central member, said means comprising a clamping plate and cooperating means carried by the adjacent ends of said hub segments and by said clamping plate for moving the ends of the segments inwardly through the rotation of said plate and additional means for holding the said plate in clamping position.

1,643,695. FRAME SQUARE AND GAUGE. JOSEPH BUNGER, Oklahoma City, Okla. Filed Mar. 26, 1926. Serial No. 97,738. 4 Claims. (Cl. 33-113.)

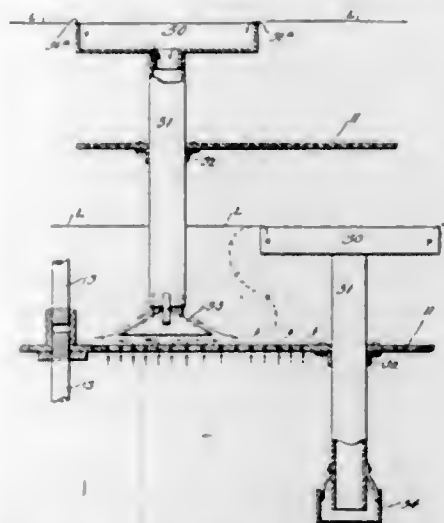


1. A device of the character described, comprising a flat surfaced, square cornered, rectangularly shaped, handle member, a flat metal blade member having its base centrally inserted and fastened in one side edge of said handle member, having one edge at right angles with the adjacent surface of said handle member, and one straight edge at an oblique angle with relation to the adjacent surface of said handle member and said right angled edge, said oblique angled edge being adapted to gauge lower cut on window casing jamb, blind stop, subsill, and to bevel front edge of window sill, parting stop and corner slot in the sill, and the like, said blade member having on its right angle edge indicia denoting inches and subdivisions thereof adapted to be used for measurements, said right angle edge having also notches therein at intervals.

1,643,696. ABSORBER. JULIAN A. CAMPBELL, Long Beach, Calif. Original application filed July 30, 1925. Serial No. 46,974. Divided and this application filed Jan. 4, 1926. Serial No. 79,075. 6 Claims. (Cl. 281-114.)

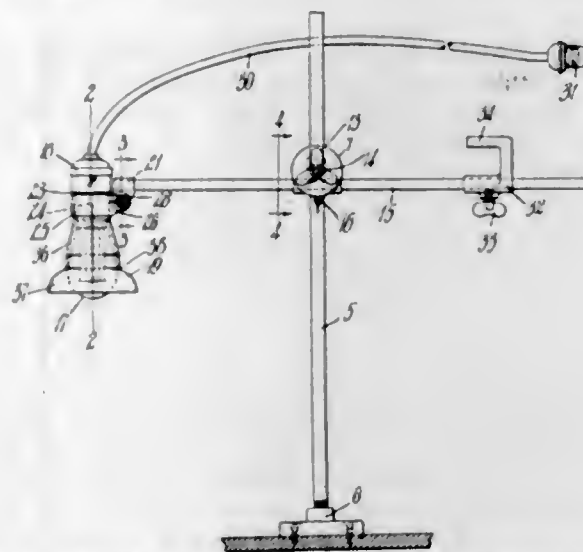
1. In a device of the character described, an exterior shell, a perforated floor within the shell, means to deliver gas under the floor, means to deliver liquid over the floor, said liquid delivering means including a plurality of

spaced liquid feeding tubes leading downwardly to a level somewhat above the floor, a defective liquid spreader at the lower end of each tube directing the liquid flow outwardly and horizontally over the floor around each spreader, so that the liquid flows over the floor in a comparatively thin and widely spread sheet and the gas passing upwardly through the floor perforations forms



froth of the liquid; and means to remove liquid from above the floor comprising a plurality of spaced pans arranged at a level above the floor and above the lower ends of the tubes, said pans being of an aggregate area equal to a substantial fraction of the area of the floor and having sharp peripheral edges over which the liquid from the froth overflows.

1,643,697. LIGHTING APPARATUS. FRANK W. CHRISTY, Beverly, Mass. Filed Oct. 29, 1925. Serial No. 65,555. 2 Claims. (Cl. 240-81.)



1. A lighting fixture comprising, in combination, an arm, a hanger mounted upon said arm, a socket for an electric light bulb, a shade for said socket embodying therein an outwardly projecting flange extending around the rear end thereof, said shade also being provided with a slot extending inwardly from said rear end, a band gripping member surrounding said shade adjacent to said flange, and means to simultaneously clamp said hanger to said arm, secure said shade to said hanger and contract the upper portion of said shade against said socket.

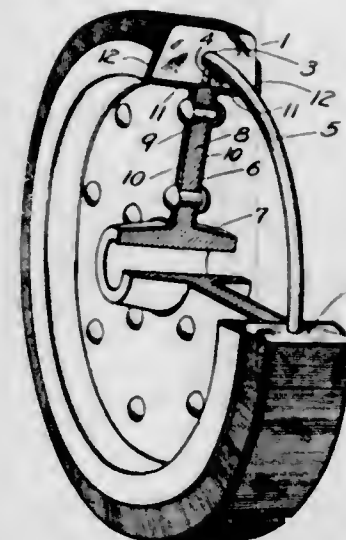
1,643,698. PROCESS OF SEPARATING OILY EMULSIONS. GEORGE W. COGGESHALL and ARTHUR REILLY, Washington, D. C., assignors to The Jefferson Construction and Oil Treating Company, Washington, D. C., a Corporation of the District of Columbia. Filed Nov. 10, 1924. Serial No. 749,085. Renewed Mar. 1, 1927. 4 Claims. (Cl. 196-4.)

1. A process of treating petroleum emulsions, which comprises adding and mixing therewith a sulfonated oil material, adding and mixing therewith a salt solution and subjecting to gravity separation.

1,643,699. PROCESS OF TREATING EMULSIONS. GEORGE W. COGGESHALL and ARTHUR REILLY, Washington, D. C., assignors to The Jefferson Construction and Oil Treating Company, Washington, D. C., a Corporation of the District of Columbia. Filed Nov. 10, 1924. Serial No. 749,086. Renewed Mar. 1, 1927. 5 Claims. 4 Claims. (Cl. 196-4.)

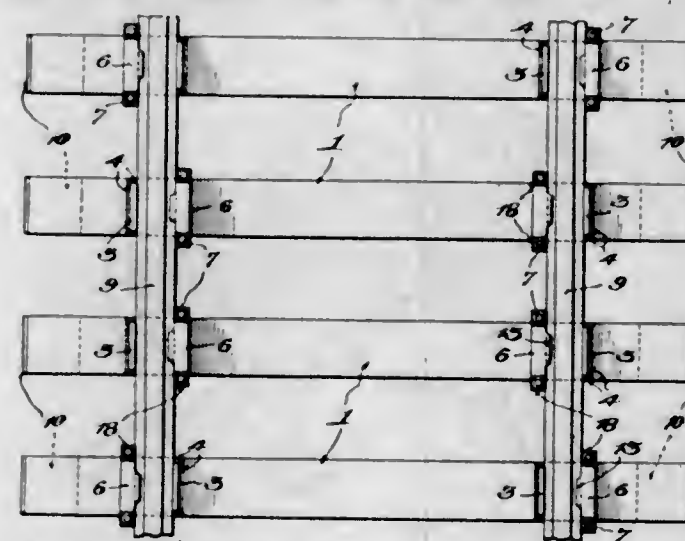
3. A process which comprises mixing a petroleum emulsion with a soap solution, then mixing with a solution of a salt of an alkali-forming metal, and allowing sedimentation.

1,643,700. WHEEL. THOMAS G. DADE, Dayton, Ohio. Filed Dec. 23, 1925. Serial No. 77,340. 2 Claims. (Cl. 51-190.)



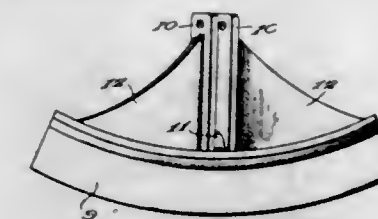
1. A tire for mounting on a wheel comprising a web, plates on opposite sides of the web having felloe flanges and anchoring flanges at the edges of the felloe flanges, said tire composed of a plurality of strips of fabric laid face to face to form an annular fabric unit, the strips having registering openings and throats leading from said openings through the inner edges of the strips, and an anchoring member designed to seat in said registering openings, the annular fabric unit being centripetally compressed onto said anchoring member.

1,643,701. RAILROAD TRACK. WILLIAM DALTON, Schenectady, N. Y. Filed Jan. 16, 1926. Serial No. 81,758. 4 Claims. (Cl. 235-311.)



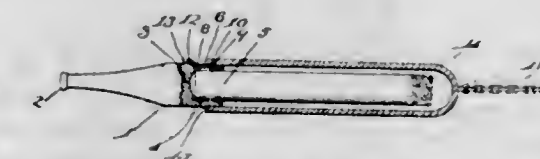
1. A railroad track, comprising metal ties, vertical faced abutments welded to some of the ties to engage the outside edge of the rail flange, similar abutments welded to the other ties to engage the inside edge of the rail flange, whereby at the same ends of successive ties the abutments are staggered relatively to each other, retainer bars shaped to overlap the rail flange opposite each of said abutments, and removable means to clamp said bars to the ties.

1,643,702. TRACTOR WHEEL. SCOTT R. DARBY, Medford, Oreg. Filed Feb. 3, 1926. Serial No. 85,751. 3 Claims. (Cl. 301-41.)



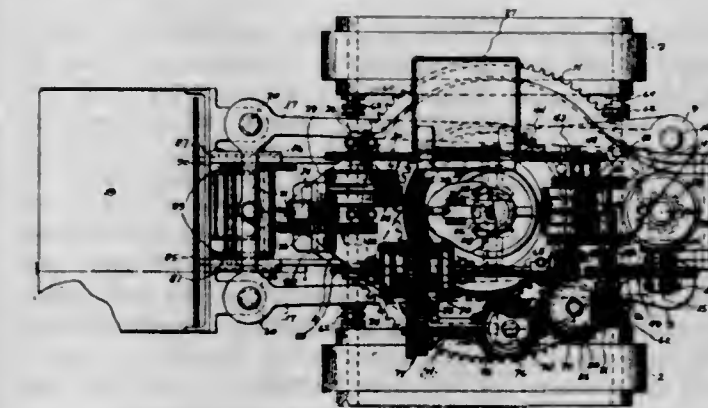
2. A traction lug including an arcuate tread member T-shaped in cross section, inwardly projecting posts on the concave face of the tread member, a reinforcing web extending between each post and the respective end of the lug, and a boss on each lug between the posts.

1,643,703. CIGARETTE HOLDER, DAMPER, AND PRESERVER. HUGH MCC. DAVENPORT, Los Angeles, Calif. Filed May 10, 1926. Serial No. 107,968. 2 Claims. (Cl. 131-51.)



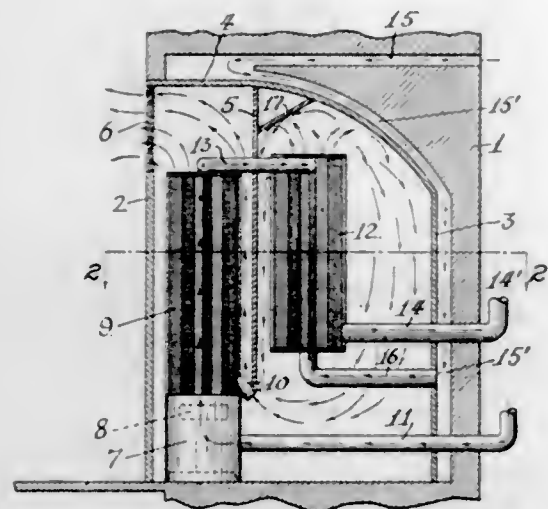
1. A cigarette holder, damper and preserver, comprising in combination a holder having a mouth piece with a socket and a smoke passage from the socket to the mouth piece, there being a longitudinal groove in the outside of the mouth piece terminating in an aperture extending from said groove to the socket, said aperture being spaced from the outer end of the holder, a bar pivotally mounted to fit in said groove and having a prong to extend into the aperture, the bar terminating in one direction at the prong, the exterior surface of the holder between the prong and the end thereof being smooth, a tubular damper closed at one end and open at the other, the open end being fitted over the holder on the smooth outer end thereof forming an air tight seal and extending partly over the bar and retaining the prong in the aperture to hold a cigarette in the holder and centrally positioned in the damper.

1,643,704. POWER SHOVEL. CHARLES E. DAVIS, Chicago, Ill., assignor to Goodman Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed Aug. 12, 1926. Serial No. 128,731. 23 Claims. (Cl. 214-132.)



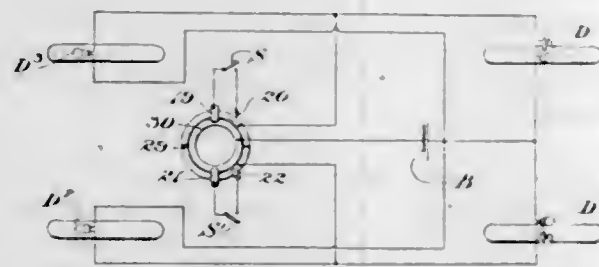
1. In a power shovel, the combination of a frame, a scoop, a pair of crank arms pivotally mounted on said frame, means for effecting angular movement of said crank arms in corresponding opposite relation, a pair of links each of which is pivotally secured with said scoop and with a respective crank arm, and means for maintaining a predetermined path of movement of said scoop.

1,643,705. WALL FURNACE. HUGH T. DYKES, Berkeley, Calif. Filed Dec. 14, 1926. Serial No. 154,669. 4 Claims. (Cl. 126-90.)



1. A wall furnace comprising a casing having communication at one side with the outer air and at the other side with a room; a partition depending from the top of the casing dividing it into separate compartments communicating under the partition; a heating drum in each compartment; a burner and a stack associated with the said drum respectively; and a conduit between said drum to complete a closed path for the products of combustion through said drum to the outer air.

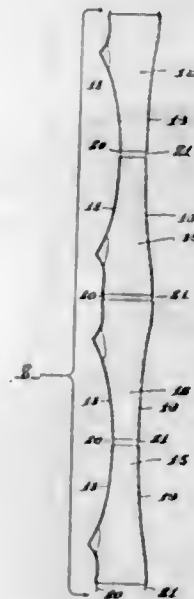
1,643,706. VEHICLE STEERING-WHEEL ATTACHMENT. HARRY R. EAST, Los Angeles, Calif. Filed Feb. 1, 1922. Serial No. 533,333. 1 Claim. (Cl. 173-324.)



A device of the class described comprising a collar formed of two sections adapted to be positioned about the hub of a steering wheel, means for securing said sections together, a second collar formed of two sections adapted to be positioned about a steering wheel post, means for securing the sections of the second collar together, two contact rings mounted on the second collar, both of said rings being formed of semi-circular sections with the sections of one ring being insulated from each other, two pairs of contactors carried by the first collar, one contact of each pair being in sliding contact with one ring and the other contactors being in sliding contact with their respective insulated sections of the other ring, and switches connected to each pair of contactors.

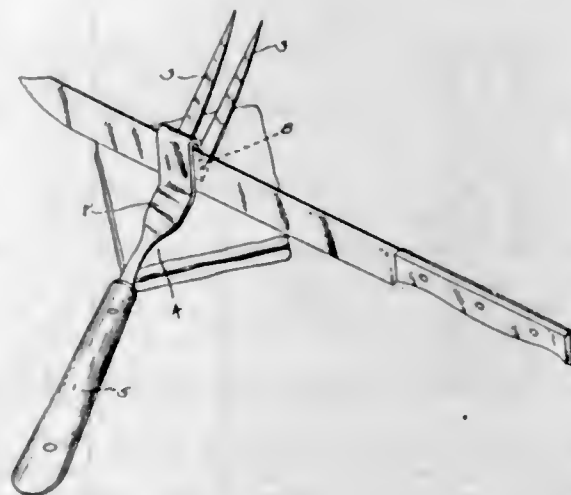
1,643,707. METHOD OF MANUFACTURING GARMENTS. SAMUEL ELMAN, Syracuse, N. Y. Filed Jan. 24, 1923. Serial No. 614,581. 1 Claim. (Cl. 2-224.)
The method of manufacturing trousers consisting in forming the overcasting operations along the side edges of the right back and left back pieces of the lot or batch

of trousers to be made and passing from one piece to the next without breaking the thread whereby the back pieces are arranged in consecutive order and the left back piece of one garment follows the right back of the same garment and likewise performing a similar overcasting operation on the right front and left front pieces of the trousers so that the back pieces are connected in one string or series and the front pieces in a parallel string or series corresponding to the string or series of backs, joining the parallel strings of backs and fronts together by sewing



the pieces thereof in consecutive order along the inside and outside leg seams whereby the pieces are arranged in a single string or series consisting of right and left halves of trousers alternately arranged, the left half of each pair of trousers following the right half, and sewing the first and second halves together along the back seam of the trousers and severing the threads connecting the second and third halves, and likewise joining the third and fourth halves along the back seam of the trousers and severing from the fifth halves and so on through the string or series.

1,643,708. SANDWICH FORK. CHARLES ENGERT, Berwyn, Ill. Filed Aug. 30, 1926. Serial No. 132,337. 4 Claims. (Cl. 30-5.)



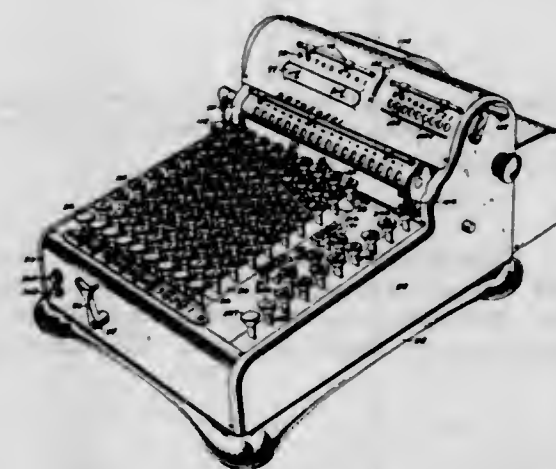
1. A culinary utensil comprising tines, a shank formed integral therewith, said shank having an inverted U-shaped bend the sides of which are substantially perpendicular to the shank to provide a recess and guide for a knife, and a handle on said shank.

1,643,709. CASING CUTTER. GERALD D. FAWCETT, Whittier, Calif. Filed Oct. 5, 1925. Serial No. 60,669. 5 Claims. (Cl. 81-195.)



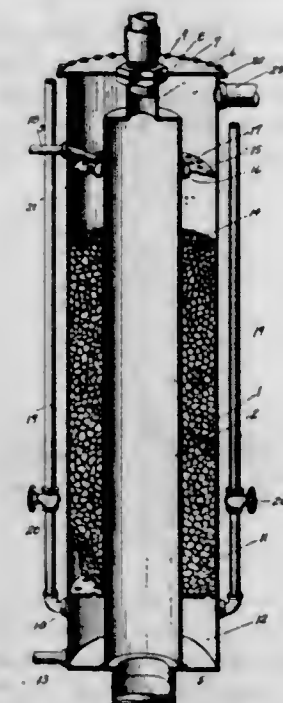
1. A casing cutter comprising a hollow stem, a cutter body secured thereto, cutters radially slidable upon said body, a mandrel movable within said body for moving the cutters outwardly therethrough, a collar threaded onto the stem, means carried by the collar engageable upon the interior of the casing for preventing its rotation, means for rotating said stem, and means forming a connection between the mandrel and said collar whereby upon rotation of said stem the collar will move relatively thereto, moving the mandrel and thus expanding the cutters during their rotation.

1,643,710. CALCULATING MACHINE. CARL M. F. FRIDEN, Piedmont, Calif. Filed Feb. 18, 1924. Serial No. 693,546. 80 Claims. (Cl. 235-82.)



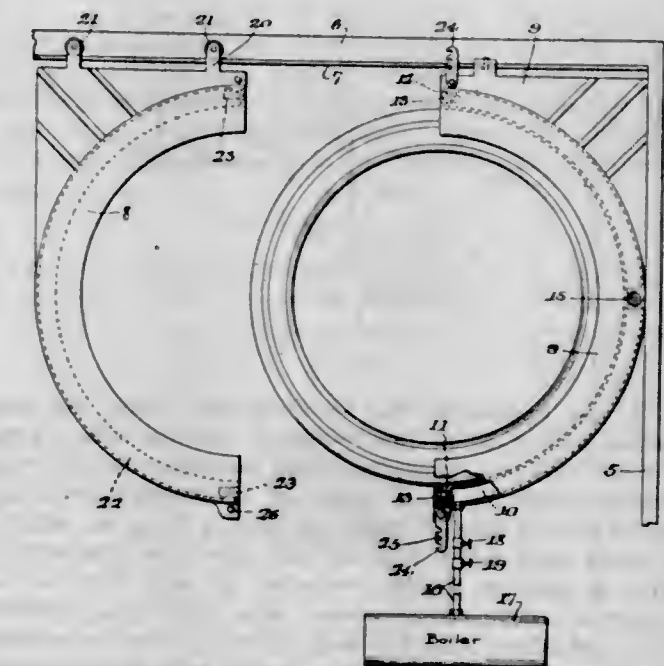
68. In a motor driven calculating machine, numeral wheels, a reversible rotary actuator therefor, a rotation control mechanism for said actuator for determining the extent and direction of rotation of said actuator, and manually operable mechanism for determining the operation of said first mechanism and a manually adjustable automatically operable mechanism for predetermining the operation of said first mechanism.

1,643,711. CARBURETOR. DAN C. HENDRICKSON, Wichita Falls, Tex., assignor of one-half to Walter K. Campbell and one-half to L. D. Baird, Tulsa, Okla. Filed Nov. 27, 1922. Serial No. 603,490. 2 Claims. (Cl. 261-12.)



1. A device of the character described comprising an upright casing, a conduit for hot gases extending centrally through said casing, a pair of spaced perforated plates mounted to extend from said conduit to said casing and spaced from the ends of said casing, a bed of porous material supported by the lower of said plates and terminating in spaced relation to the upper of said plates, a gas outlet and an oil inlet above the upper of said plates and, an oil outlet and air inlets below the lower of said plates, said upper plate having an oil groove therein into which said oil outlet discharges and from which oil may flow over and through said plate to distribute the oil over the bed of porous material below said plate.

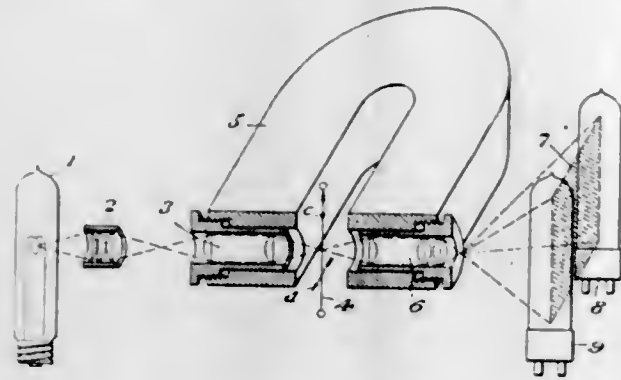
1,643,712. TIRE MOLD. WILLIAM P. HENSON, Sacramento, Calif. Filed Oct. 2, 1926. Serial No. 139,147. 2 Claims. (Cl. 18-18.)



1. A tire mold including a supporting rail, mold sections, rollers on one of the sections to movably support the section equipped therewith, said sections having

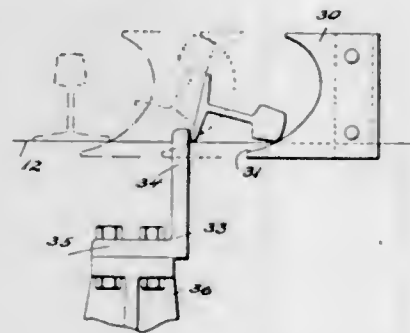
curved inner surfaces to support a tire therein, said sections having steam passageways, means for closing the ends of the steam passageway of one of the sections, and means for directing steam to the passageways.

1,643,713. METHOD OF AND APPARATUS FOR AMPLIFYING ELECTRIC SIGNAL IMPULSES. HENRY F. HERBIG, Maplewood, N. J., assignor to The Commercial Cable Company, New York, N. Y., a Corporation of New York. Filed Aug. 26, 1925. Serial No. 52,574. 17 Claims. (Cl. 178-88.)



1. An apparatus for receiving and amplifying electric signal impulses comprising a galvanometer having an element adapted to be vibrated by the incoming signal impulses and having a normal zero position, means for concentrating light rays upon said element whereby said element will cast a shadow and move said shadow as the element vibrates, means for amplifying or enlarging said shadow, a pair of photo-electric cells in the path of said enlarged shadow whereby a portion of each of said cells will be covered by said shadow in the normal position of the said element, a three-element vacuum tube having its grid-filament circuit connected to the two photo-electric cells, and means in the plate circuit of said vacuum tube to reproduce amplified signal impulses corresponding to the impulses received by the galvanometer.

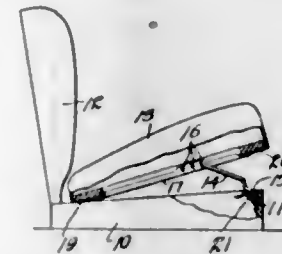
1,643,714. DEVICE FOR TILTING RAILS. FRANK E. HOWELLS and LESTER L. LEACH, Steelton, Pa., assignors to Bethlehem Steel Company, Bethlehem, Pa., a Corporation of Pennsylvania. Filed Mar. 21, 1921. Serial No. 454,110. 7 Claims. (Cl. 80-48.)



7. In an apparatus for handling hot rails, the combination with a roller line conveyor for the rails leaving the rolls and on which the rails normally travel longitudinally lying on their sides, of a laterally extending hot bed at one side of said conveyor, a drag bar extending along said roller line at its outer side immediately above its surface, cables connected to said drag bar at its bottom and passing across said roller line between rollers and along said hot bed slightly below its surface, controlled means for simultaneously and synchronously moving said cables back and forth longitudinally, spaced brackets on said drag bar having surfaces similarly curved on a vertical plane for engaging the side of a rail on said conveyor and moving it laterally from said con-

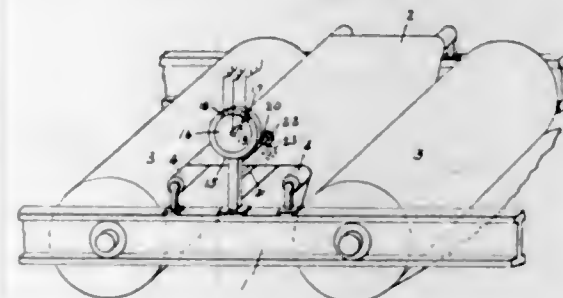
veyor to the point desired on said hot bed, and a plurality of aligned stops projecting slightly above the surface of the hot bed in the path of the rail and acting in cooperation with said brackets to turn said rail from its side position to an upright position a slit moves over the stops.

1,643,715. CUSHION ADJUSTER. FREDERICK KLEIN-SMITH, Indianapolis, Ind. Filed Apr. 7, 1926. Serial No. 100,415. 5 Claims. (Cl. 155-115.)



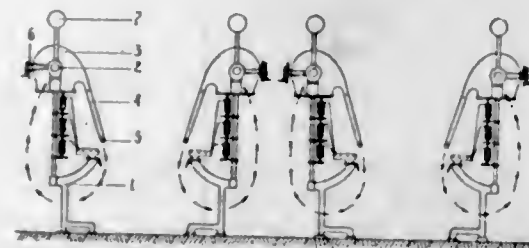
1. The combination with a support and back and seat cushions, of a brace extending transversely beneath said seat cushion, a plurality of openings in said brace, a lever disposed in one of said openings and engaging the forward edge of the support for said cushion said lever having its free end shaped to fit snugly beneath the forward portion of the seat cushion said lever constituting with the rear portion of the brace a toggle whereby the said cushion will be forced rearwardly, said support having a plurality of spaced projections for engagement by the lever whereby the edge of the seat may be held in various elevated positions, substantially as set forth.

1,643,716. CONTROLLER. DARCY E. LEWELLEN and EMMONS F. LEWELLEN, Columbus, Ind. Filed May 13, 1925. Serial No. 30,113. 22 Claims. (Cl. 92-46.)



1. A controller adapted to impart impulses, means for controlling the duration of said impulses, and means for indicating the duration of said impulses.

1,643,717. PNEUMATIC SEPARATOR FOR SPINNING FRAMES. IVAN LINON and JOSEPH DETHIER, Brussels, Belgium. Filed May 28, 1925. Serial No. 33,494, and in Belgium Apr. 18, 1925. 3 Claims. (Cl. 118-9.)



1. In a plant comprising a plurality of continuous spinning frames for combed wools arranged in one chamber,

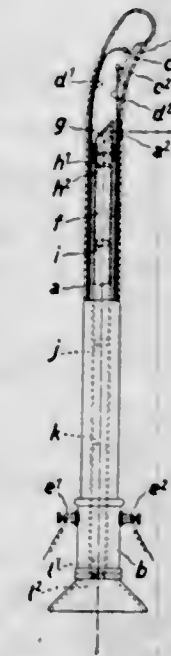
a pneumatic separating device preventing doubling of the threads; and means for circulating pure moist air in a closed independent circuit and acting on the threads of each continuous spinning frame.

1,643,718. DEVICE FOR EXAMINING TUBES AND CAVITIES IN THE BODY. GUNTHER LOECK, Berlin, Germany, assignor to the Firm of Georg Wolf G. m. b. H., Berlin, Germany. Filed Apr. 14, 1926. Serial No. 102,044, and in Germany Apr. 11, 1925. 1 Claim. (Cl. 128-6.)



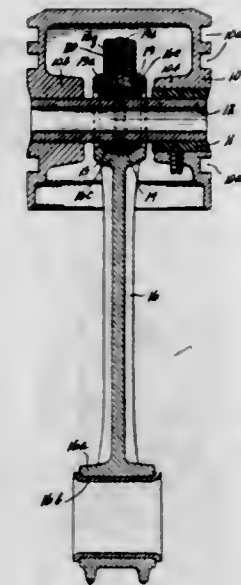
Device for examining tubes and cavities in the body, containing a tube, a source of light fitted in the tube at the end of the same, to be introduced into the said body and adapted to illuminate the spot to be examined, an optical system, admitting of observing the spot to be examined, and a plurality of light filters of different tint, located in the path of rays.

1,643,719. DEVICE FOR LIGHT TREATMENT OF TUBES AND CAVITIES OF THE BODY. GUNTHER LOECK, Berlin, Germany, assignor to the Firm of Georg Wolf G. m. b. H., Berlin, Germany. Filed July 8, 1926. Serial No. 121,244, and in Germany Aug. 1, 1925. 3 Claims. (Cl. 174-177.)



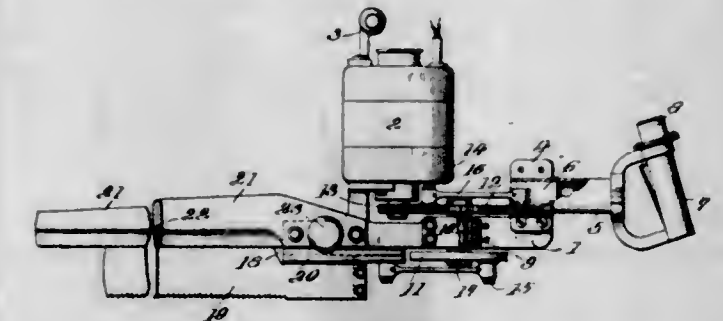
1. Device for treating by means of light rays the interior of tubes and cavities in the body, containing a tube adapted to be introduced into the space to be treated, the tube containing a spark gap and insulated conductors connected to this spark gap, the said insulated conductors being provided with terminals for connecting a source of current, and a window being disposed on the tube in order to allow the light, produced by the spark gap, to emerge into the space to be treated.

1,643,720. CONNECTING-ROD STRUCTURE. LEO J. MCKONE, Minneapolis, Minn. Filed Feb. 9, 1927. Serial No. 166,955. 5 Claims. (Cl. 74-108.)



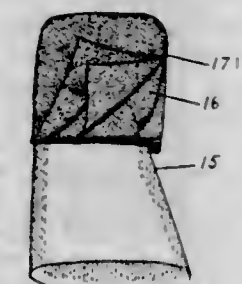
1. In combination with an engine cylinder, a piston adapted to move therein, a wrist pin journaled therein, a semi-spherical bearing intermediate the ends of said wrist pin, and a connecting rod having a semi-spherical bearing fitting over said bearing, said semi-spherical bearing on the connecting rod having a yielding mounted portion.

1,643,721. CARCASS SPLITTER. HENRY A. MEYER, Cincinnati, Ohio, assignor to The Wolf Machine Company, Cincinnati, Ohio, a Corporation of Ohio. Filed July 21, 1927. Serial No. 207,455. 11 Claims. (Cl. 17-23.)



1. In a carcass-splitting machine, the combination of a frame, a saw blade, means on the frame for reciprocating the saw, a rigid arm projecting from the frame and substantially coextensive in length with the extent of movement of the blade, and having a longitudinal groove in its lower side receiving and directly guiding the saw blade.

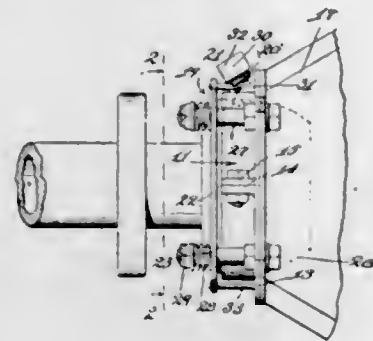
1,643,722. POLISHING MITT. STANLEY S. MILLEN, Los Angeles, Calif., assignor of one-half to Maurice M. Mummert, Los Angeles, Calif. Filed Aug. 31, 1926. Serial No. 132,816. 6 Claims. (Cl. 15-227.)



1. In a polishing device, a mitten having a plurality of polishing elements permanently attached thereto along

one edge around the finger end and part way only along the other edge of said mitten, whereby each polishing element may be reversed upon the mitten without removal therefrom.

1,643,723. SELF-ADJUSTABLE UNIVERSAL-JOINT CASING. AXEL W. MEIER, Long Beach, Calif., assignor of one-half to George F. Carson, Los Angeles, Calif. Filed May 4, 1927. Serial No. 188,703. 6 Claims. (Cl. 64—89.)



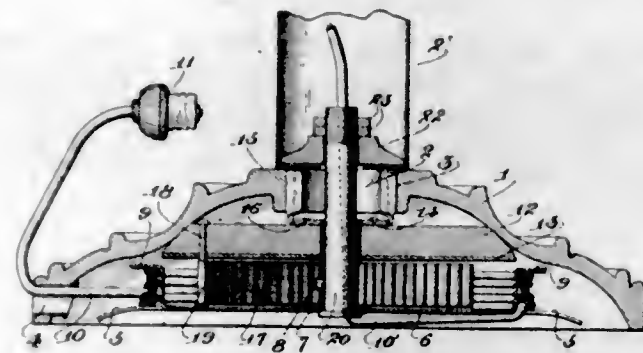
1. A universal joint comprising in combination a clamping ring adapted for attachment to a transmission casing, a bearing ring fitting in the clamping ring, means resiliently pressing said bearing ring in the clamping ring, and the bearing ring having a spherical inner surface to engage a universal joint casing.

1,643,724. FOLDING UMBRELLA. GUSTAV RALL-OSTERWALDER, Reutlingen, Germany. Filed May 9, 1925. Serial No. 29,083. 3 Claims. (Cl. 135—25.)



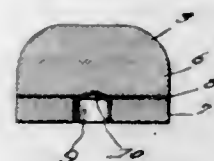
3. An umbrella, embodying a stick which comprises a plurality of sections jointed together at their ends for pivotal movement into and out of mutual alignment; locking tubes slidable on said sections to cover and uncover the joints and provided with longitudinal slots; stop pins fixed to said sections and projecting into said slots to limit the extent of movement of the tubes, the slots having a length such that in one extreme position of the tubes the joints are just exposed, while in their other extreme position the tubes completely cover the joints; sleeves fitting over said slots to protect the cover of the umbrella against damage by the pins; and catches, independent of said stop pins, for holding the tubes in the second-named extreme position.

1,643,725. ELECTRIC WIRE HOUSING. JOHN D. PRICE, Milwaukee, Wis. Filed Sept. 29, 1925. Serial No. 59,435. 10 Claims. (Cl. 242—107.)



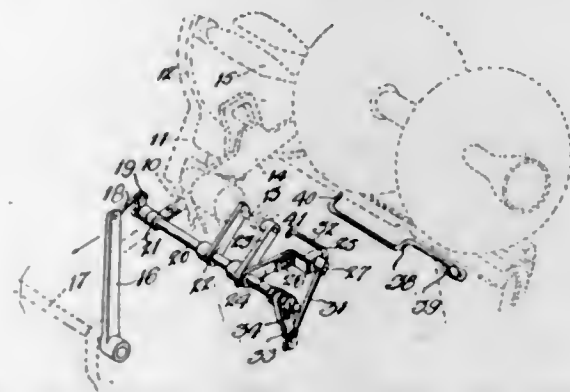
1. In combination, a lamp base, a wire receiving pipe mounted therein, and a reel rotatable on said pipe in position to receive the wire from the pipe and pass same toward an opening in said base.

1,643,726. FIRE-MAKING DEVICE. JAMES C. RAMSEY, Roswell, N. Mex. Filed June 19, 1926. Serial No. 117,177. 2 Claims. (Cl. 67—3.)



1. In a device for producing fire by friction, a hand block having a socket therein for receiving the upper end of the spindle of the device, said block being formed of an upper section and a lower section, the lower section having a hole therein constituting a portion of said socket, and a plate placed between the two sections, said plate being formed of material which will reduce friction of the spindle and having a depression disposed axially of the opening for receiving the tip end of the spindle.

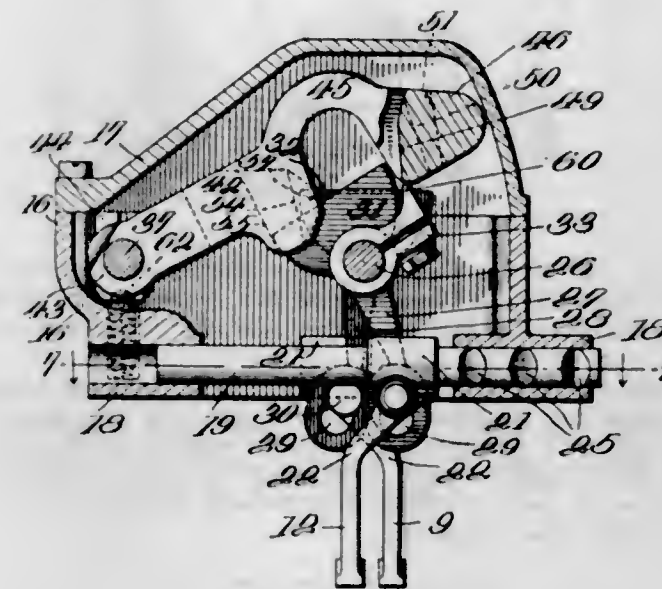
1,643,727. FILLING-END CLEARER. WILLIAM M. TRISON, Lanett, Ala., assignor of one-fourth to R. J. Jennings, West Point, Ga. Filed Mar. 18, 1927. Serial No. 176,471. 4 Claims. (Cl. 139—261.)



1. The combination with a loom having filling replenishing mechanism, of a rock shaft mounted on said loom, a swiveled guide mounted on the loom, a withdrawing member slidably received in said guide, a crank arm on said rock shaft and pivotally secured to the withdrawing member, and means operable upon rotation of the starting rod of the filling replenishing mechanism to rotate said rock shaft and move said withdrawing member into the path of the falling quill, the swiveled guide causing the end of the withdrawing member to move in a curved path.

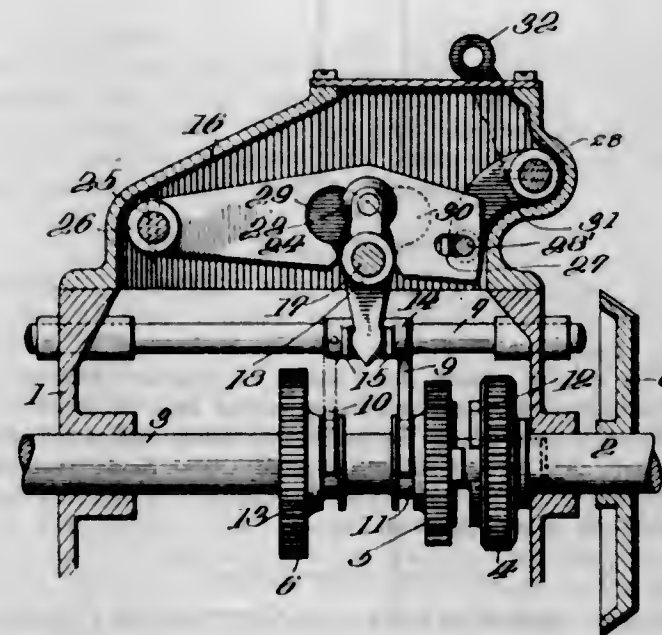
nism to rotate said rock shaft and move said withdrawing member into the path of the falling quill, the swiveled guide causing the end of the withdrawing member to move in a curved path.

1,643,728. GEAR-SHIFTING MECHANISM. ALBERT G. WAGNER, Cincinnati, Ohio, assignor to The Wemb Company, Cincinnati, Ohio, a Corporation of Ohio. Filed Apr. 13, 1925. Serial No. 22,824. 7 Claims. (Cl. 74—58.)



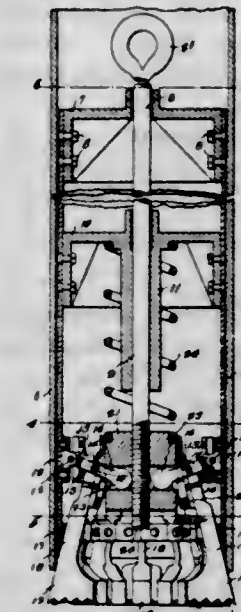
1. In a gear shifting mechanism, the combination of a shifter rod, a lever mounted above the rod and operatively engaged therewith, a selector body having transverse portions at opposite sides of the lever, cam faces on said transverse portions, means for shifting the body laterally to present a selected cam face to the lever, and means for rocking the selector body whereby the selected cam face will swing the lever and actuate the rod.

1,643,729. GEAR-SHIFTING MECHANISM. ALBERT G. WAGNER, Cincinnati, Ohio, assignor to The Wemb Company, Cincinnati, Ohio, a Corporation of Ohio. Filed Oct. 23, 1925. Serial No. 64,369. 6 Claims. (Cl. 74—58.)



1. In a selective gear shifting mechanism, including a clutch, a slidable selector rod, a shifting element secured thereto, a rockably mounted shaft, one end of said shifting element being connected to said shaft, gear-shifting levers adapted to be selectively engaged by said shifting element for movement to gear engaging and neutral positions, means whereby the disengagement of the clutch will rock the shifting element to move the levers to neutral position.

1,643,730. WELL DRILL. CHARLES WILD, Eureka, Calif. Filed Oct. 16, 1924. Serial No. 743,989. 4 Claims. (Cl. 255—75.)



1. A drilling tool including a drill casing, blocks secured within the drill casing and arranged in spaced relation with each other, connecting links having pivotal connection with the blocks and having heads, jaws having connection with the links at points intermediate the ends of the links, means operating through the drill casing and engaging the heads of the links to move the jaws so that the cutting surfaces thereof will extend beyond the end of the drill casing.

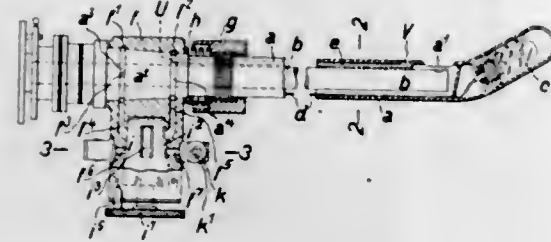
1,643,731. WELL-BORING MACHINE. CHARLES WILD, Eureka, Calif. Filed May 19, 1925. Serial No. 31,300. 9 Claims. (Cl. 255—75.)



1. In a device of the character described, a cylindrical body portion, a partition having openings, pipes extending through the openings and having their upper ends connected to said shaft, gear-shifting levers adapted to be selectively engaged by said shifting element for movement to gear engaging and neutral positions, means whereby the disengagement of the clutch will rock the shifting element to move the levers to neutral position.

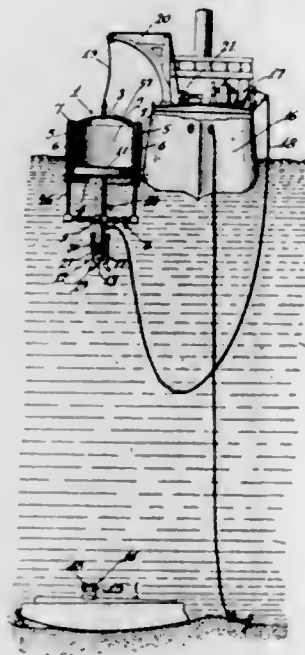
disposed above the partition arranged adjacent to one end of the body portion, said partition having a central opening, a rod extending through the opening, a tubular member housing the rod, a stop adjustably mounted on the upper end of the rod and adapted to be engaged by the tubular member, a plunger carried by the tubular member and adapted to move longitudinally of the body portion, said plunger adapted to draw material through the pipes to deposit material above the partitioning member, and digging members carried at the lower end of the rod.

1,643,732. DEVICE FOR EXAMINING TUBES AND CAVITIES IN THE BODY. GEORG WOLF, Berlin, Germany, assignor to the Firm Georg Wolf G. m. b. H., Berlin, Germany. Filed Apr. 14, 1927, Serial No. 183,871, and in Germany Apr. 6, 1926. 1 Claim. (Cl. 128-7.)



Device for examining tubes and cavities in the human body, comprising an outer tube, an inner tube containing optical means adapted to present to the observer an image of the part to be examined, a third tube interposed between the outer and the inner tube and admitting of letting a rinsing fluid pass through, and a poly-way cock, adapted to close and open the third tube and the space of the outer tube, which is not occupied by the inner tube and the third tube, both separately and conjointly.

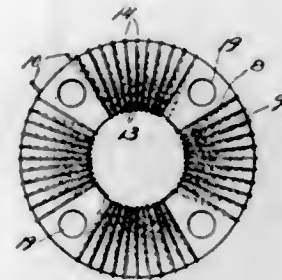
1,643,733. SUBMARINE LIFTING DEVICE. PHILIP C. WOOD, Johnstonville, Calif. Filed Sept. 22, 1926. Serial No. 137,078. 13 Claims. (Cl. 114-53.)



1. A submarine lifting device comprising in combination a caisson having a plunger extending downwardly therefrom with grappling hooks on said plunger, a fitting on

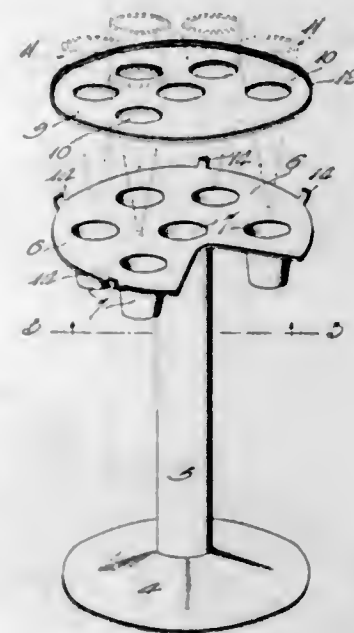
a submarine to be engaged by the lower end of the plunger and the grappling hooks, and means to inflate or deflate the caisson with air.

1,643,734. THERMOCOUPLE. VLADIMIR K. ZWORYKIN, Kansas City, Mo., assignor to C & C Developing Company, Kansas City, Mo., a Corporation of Arizona. Filed June 19, 1922. Serial No. 569,501. 1 Claim. (Cl. 136-4.)



A thermocouple structure comprising a continuous strip of conducting material arranged in the form of a zigzag coil and in a substantially annular outline, alternating semiconvolutions of said coil being provided with application of metal of different resistance properties from said conducting material.

1,643,735. ICE CREAM-CONE HOLDER. EDWIN BAKER, Winn, Me. Filed Apr. 5, 1926. Serial No. 99,973. 4 Claims. (Cl. 248-41.)

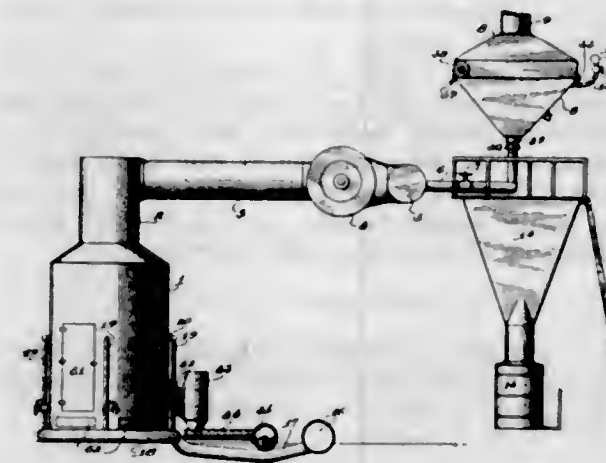


3. In an ice cream cone holder, a support having a downwardly projecting and downwardly tapered sleeve to receive and hold a cone to be filled, a base, and a tubular standard rising from said base, said sleeve being secured in the upper end of said tubular standard to connect the support to said standard.

1,643,736. PROCESS OF MANUFACTURE OF CARBON BLACK. CLYDE A. BARBOUR, JR., Monroe, La. Filed Mar. 1, 1926. Serial No. 91,501. 8 Claims. (Cl. 134-60.)

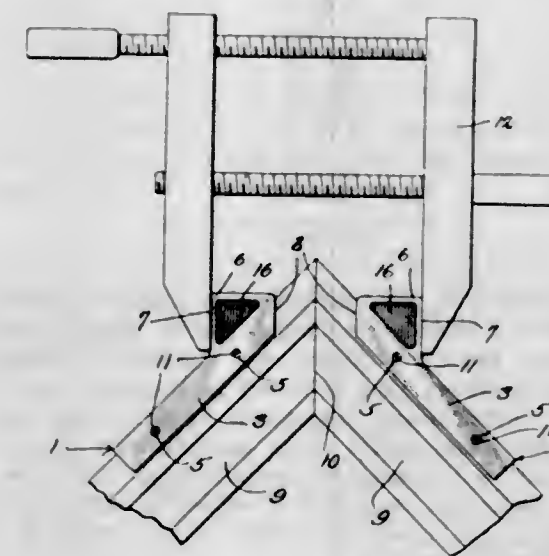
1. The method of producing carbon black which comprises burning hydrocarbons in a retort under a partial

vacuum and with an amount of air sufficient to form a substantial amount of free carbon from said hydrocarbons, separating and collecting free carbon so formed while in said retort, and withdrawing the trail gases after the free carbon has been collected from said hydrocarbon.



bons, separating and collecting free carbon so formed while in said retort, and withdrawing the trail gases after the free carbon has been collected from said hydrocarbon.

1,643,737. CLAMPING DEVICE. JOHN B. BENSON, Independence, Kans. Filed Feb. 13, 1926. Serial No. 88,052. 1 Claim. (Cl. 144-293.)

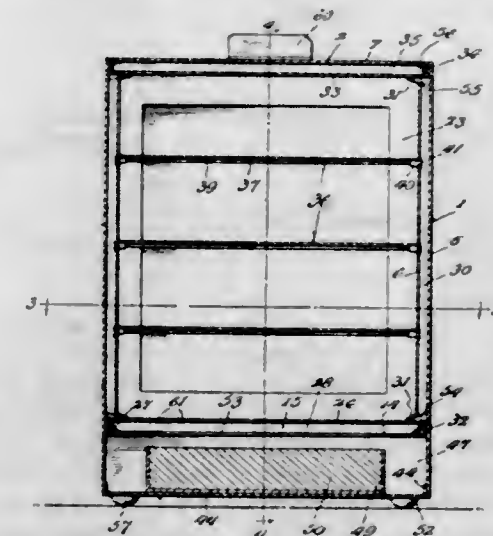


In a clamping device, a pair of angle members, and means for securing them to the articles to be clamped together, the angle members being supplied at their extreme inner ends with lugs, the lugs having approximately parallel clamp-engaging surfaces, and the lugs approximating right triangles in shape.

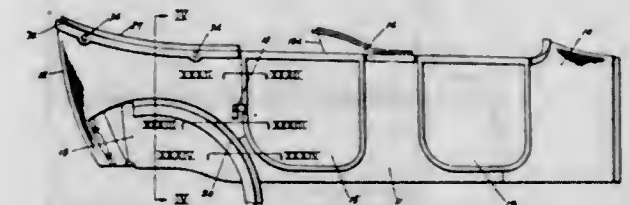
1,643,738. DISPLAY AND STORAGE CABINET. WILLIAM HAROLD BROOKS, San Francisco, Calif. Filed Mar. 17, 1926. Serial No. 95,420. 4 Claims. (Cl. 211-25.)

1. A cabinet of the class described comprising walls embodying fixed outer sections and inner sections removably assembled with the outer sections and spaced with respect thereto to provide air circulation spaces, a bottom comprising a fixed lower section and a removable upper section supported thereon in spaced relation thereto and in turn supporting the said inner sections of the said walls and having an air inlet passage in the lower section and air inlet passages in the upper section in communication with the said spaces, and a top comprising a fixed upper section and a lower section removably assembled therewith and spaced with relation thereto to provide an air space between said sections, the said

lower section of the top being supported by the said inner sections of the walls, the lower section of the top having air passages in communication with the said spaces between the sections of the walls, and the upper section of the top having air outlets in communication with the space between the sections of the top.

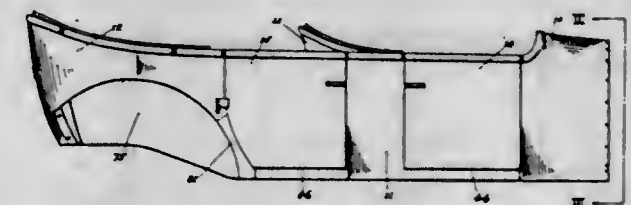


1,643,739. AUTOMOBILE BODY AND METHOD OF MAKING SAME. JOSEPH LEDWINKA, Philadelphia, Pa., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Dec. 27, 1920. Serial No. 433,379. 63 Claims. (Cl. 296-28.)



1. A unit assembly construction for automobile bodies comprising an endmost unitary sub-assembly terminating substantially in the vertical transverse plane of the endmost door posts, and an adjoining unit joined thereto in said plane through complementary joint parts on the respective units, said joint including one of said door posts.

1,643,740. AUTOMOBILE BODY. JOSEPH LEDWINKA, Philadelphia, Pa., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed July 14, 1921. Serial No. 484,674. 51 Claims. (Cl. 296-28.)



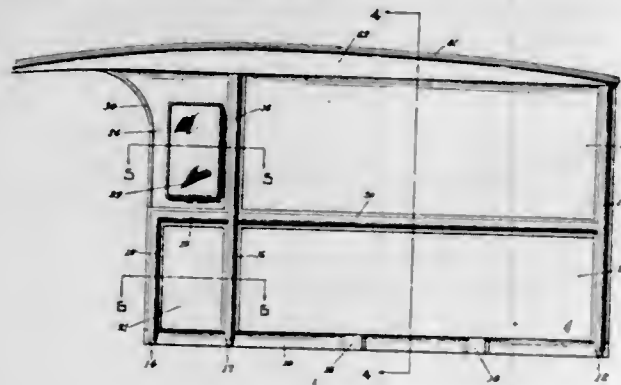
1. A unit assembly construction for automobile bodies comprising an endmost unitary sub-assembly terminating substantially in the vertical transverse plane of the endmost door posts, and embodying endmost door post structures, and an adjoining unit joined thereto in said plane through complementary joint parts on the respective units, said joint including one of said door post structures.

1,643,741. AUTOMOBILE BODY. JOSEPH LEDWINKA, Philadelphia, Pa., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Oct. 7, 1921. Serial No. 506,121. 13 Claims. (Cl. 296—28.)



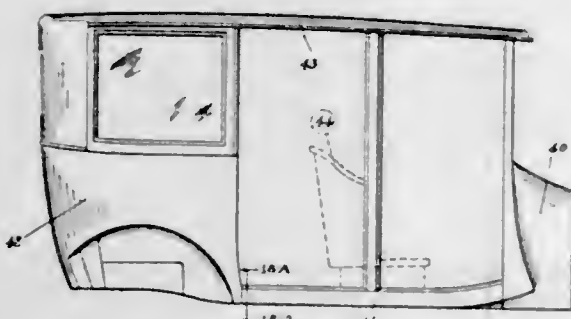
1. A body structure for automobiles comprising an under-frame including longitudinally-extending body sills connected by suitable cross braces, a rear panel curved to form the sides and rear deck of the body and mounted on said under-frame, metal angle members integrally secured to the forward edges of said panel to form door posts, a curved angle member rigidly secured to the upper edge of said panel, a second angle member extending transversely of said body and integrally secured at its ends to the upper, side portions of said panel, and means for rigidly fastening said door posts to the under-frame.

1,643,742. VEHICLE BODY. JOSEPH LEDWINKA, Philadelphia, Pa., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Dec. 7, 1921. Serial No. 520,678. 5 Claims. (Cl. 296—28.)



1. A vehicle body of the class described comprising a plurality of metallic ribs having vertically extending portions, outwardly curved between their ends, and a sheet-metal panel rigidly secured under flexed stress to said ribs to form a side of the body.

1,643,743. AUTOMOBILE BODY AND METHOD OF MAKING SAME. JOSEPH LEDWINKA, Philadelphia, Pa., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Jan. 18, 1922. Serial No. 530,114. 67 Claims. (Cl. 296—28.)

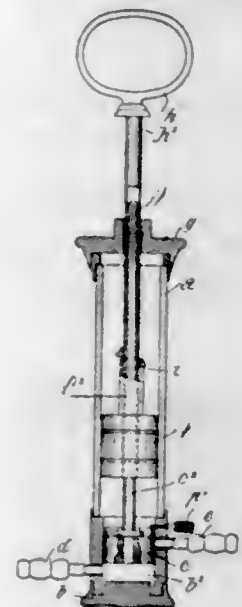


1. A unitary cowl sub-assembly for closed automobile bodies, comprising cowl paneling and a post extending to the top of the body, said sub-assembly being formed

along its lower side edge with an angular formation providing a seat to nest with and form longitudinally extending final assembly joints with the projecting fore end of a body side sill and formations on the post at both top and bottom to receive a complementary part of an adjoining body portion.

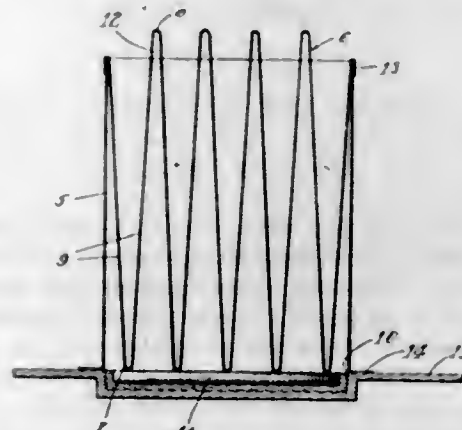
67. In an automobile body, the combination of a tonneau panel curved to form the rear portion of the body shell, angle members having horizontal webs secured to the upper edges of the side portions of said panel and vertical webs extending downwardly from said horizontal webs, at acute angles thereto, and a flexible weather strip carried by each of said vertical webs.

1,643,744. SYRINGE. HENRY LOWENFELD, Paris, France. Filed July 10, 1926. Serial No. 121,632, and in Belgium July 13, 1925. 2 Claims. (Cl. 103—227.)



1. A device for the transfusion of blood comprising in combination a cylinder, a piston slidably mounted therein, said piston having a piston rod connected thereto, an inlet and an outlet tube mounted on the same end of the cylinder, valve means interposed between the cylinder and the inlet and outlet tubes and operable to establish communication between the cylinder and either the inlet tube or the outlet tube, and frictionally operated means for shifting the position of said valve means prior to each reversal of the piston.

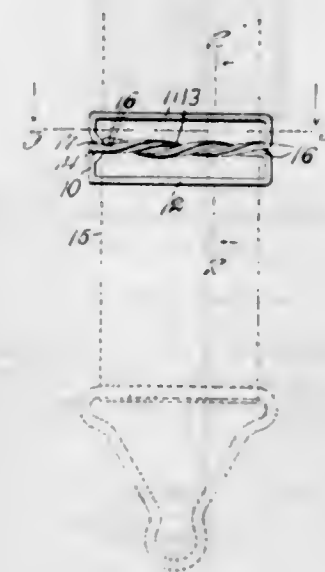
1,643,745. HEAT CONSERVER AND DISPENSER. OTTO LUNDELL, Rockford, Ill. Filed Nov. 23, 1925. Serial No. 70,886. 2 Claims. (Cl. 257—263.)



2. In a device of the character described, a container providing a heat outlet opening, a heat absorbing body in said container consisting of a zigzag thin-walled radiating element having bends arranged transversely with respect to the aforesaid openings, and heating means

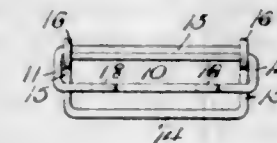
disposed in juxtaposition to the other bends to transfer heat to the radiating element, the first mentioned bends in said radiator element being open to the atmosphere at the ends thereof.

1,643,746. SLIDE. ADOLF MONTAN, Montclair, N. J., assignor to Eastern Tool & Mfg. Co., Bloomfield, N. J. Filed Mar. 24, 1927. Serial No. 177,872. 3 Claims. (Cl. 24—198.)



1. A slide consisting of a length of wire bent into a U-shape, the ends of the U being returned through the center as a twisted strand with one end looped around the base of the U.

1,643,747. SLIDE. ADOLF MONTAN, Montclair, N. J., assignor to Eastern Tool & Mfg. Co., Bloomfield, N. J. Filed Mar. 24, 1927. Serial No. 177,873. 2 Claims. (Cl. 24—163.)



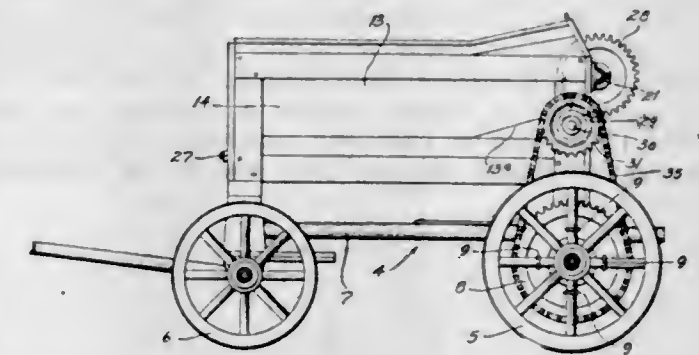
1. A slide consisting of a piece of wire bent into a rectangular loop with its strands overlapping at the top and a wire bent into a U-shaped piece narrower and higher than the loop with its ends looped around the overlapping strands adjacent the ends thereof.

1,643,748. LIME SPREADER. FRANK NIEHAUS, Butler, Ill. Filed Oct. 4, 1926. Serial No. 139,377. 1 Claim. (Cl. 275—5.)

A lime spreader adapted to be mounted on a wheeled support comprising a container having a front wall, inwardly and downwardly inclined side walls, a rear wall, and a bottom, said bottom being spaced rearwardly of the front wall and having its rear end upwardly inclined, a conveyor passing around said bottom, guides carried by the side wall adjacent the inclined portion for holding said conveyor against the bottom, a hinged apron carried by the front wall for preventing the passage of material through the space between said wall and bottom, a sliding gate adjustably secured at the rear of the receptacle and immediately above the conveyor for regulating the amount of material discharged therefrom, means driven by said wheeled support for operating said con-

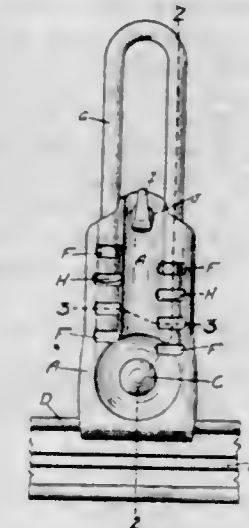
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veyor, means for placing said conveyor in and out of operation, and a sectional removable false bottom located



above the forward portion of the conveyor and within the container for relieving the weight of material in the container on the conveyor.

1,643,749. HANGER FOR OVERHEAD TRACKWAYS. ROBERT S. NORTHMORE, Chicago, Ill., assignor to The Loudon Machinery Company, Fairfield, Iowa, a Corporation of Iowa. Filed Mar. 16, 1927. Serial No. 175,712. 2 Claims. (Cl. 104—111.)

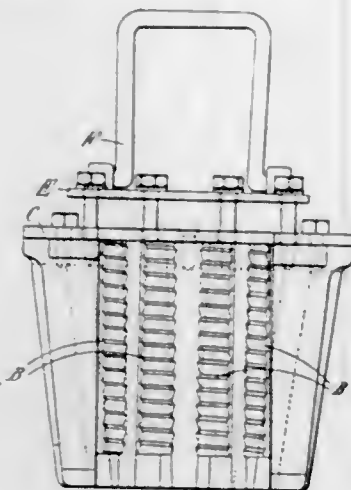


1. In hangers for overhead trackways having a pair of mating clamping members adapted at their lower ends to be connected to and hold in position a trackway, and their upper portions being adapted to adjustably clamp and hold a member to be connected to an overhead support, the upper portions of said clamping members being provided on their inner faces with a pair of vertically disposed series of recesses, and the overhead connecting member being provided with a pair of headed ends adapted to be inserted in any of the corresponding recesses, to adjust the length of the hanger, said headed ends and the corresponding recesses of the series on one side being set in horizontal planes half way between the recesses in the opposite side, whereby adjustments of half the vertical distance between the recesses may be made by turning the headed ends of the connecting member from one side to the other.

1,643,750. SLIPS FOR SUPPORTING DRILL PIPES IN WELL-BORING APPARATUS. EDMUND CURTIS PEARSON and JAMES CHILDS, Westminster, London, England, assignors to Vickers Limited, Westminster, England, a British Company. Filed Nov. 7, 1925. Serial No. 67,480, and in Great Britain Nov. 27, 1924. 1 Claim. (Cl. 24—263.)

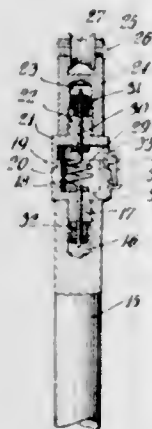
In well boring apparatus arcuate slips adapted to be fitted into a tapered hole in the table of a rotary drilling machine for temporarily holding drill pipes in one posi-

tion, each of said slips being provided with a plurality of independently movable members, said movable members being composed of segments of hardened steel capable of sliding up and down in inclined recesses on the inner surfaces of the slip members, each segment projecting beyond the inner surface of its slip member and having substantially horizontal teeth adapted to grip the drill pipe to resist the descent thereof, a retaining plate secured to the top of each slip member, a lifting plate located above said retaining plate and having a handle,



bolts passing through elongated clearance holes in both the lifting plate and retaining plate, said bolts being secured to the segments, whereby the segments are automatically pulled to the top of their travel when said handle is raised to lift the slip member, and said bolts being of such length as to allow each segment to fall by gravity independently of adjacent segments when said handle is released until all the segments bear against the pipe, whereby the load is distributed over all said segments irrespective of whether the outside of the pipe be truly circular.

1,643,751. TROLLEY POLE. STANLEY PULASKI, Brooklyn, N. Y. Filed Feb. 15, 1927. Serial No. 168,252. 2 Claims. (Cl. 191-60.1.)

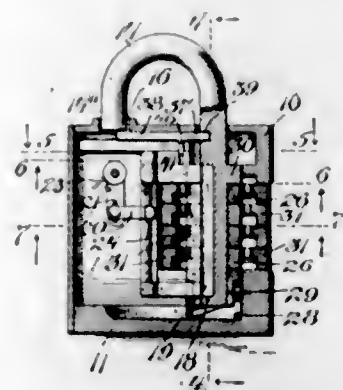


1. A car trolley comprising a pole having a recess, a second pole having a similar recess, a coupling therebetween, said coupling comprising a pair of cup-like elements engaging the pole recesses, a connection between said cup-like elements and a wheel rotatable in said upper pole member.

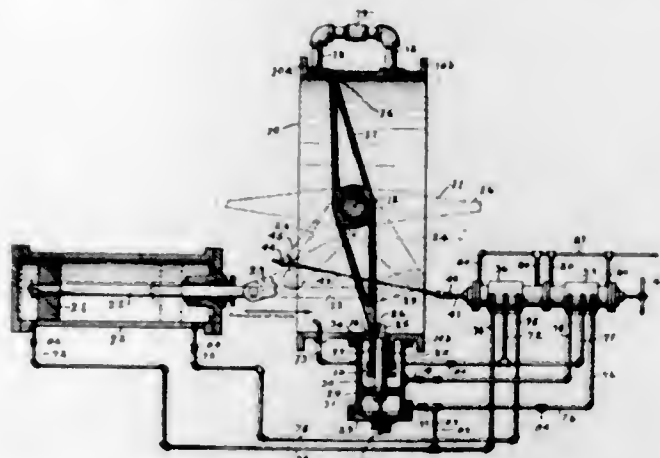
1,643,752. LOCK. CARL ROSENHAHN, East Orange, N. J. Filed May 19, 1925, Serial No. 31,290. Renewed pr. 7, 1927. 4 Claims. (Cl. 70-113.)

1. A lock comprising a casing having a shackle with one arm slidable in the casing, the arm having a slot therein, a tumbler movable transversely in and out of the slot, a series of slotted rings surrounding the arm and the tumbler and adapted to release the tumbler only when

all of the slots in the rings are in line with the tumbler, annular index bands surrounding the rings, and connections between each ring and its band to permit free rotation of the bands when the shackle is unlocked and to cause each band to rotate its ring when the shackle is locked.

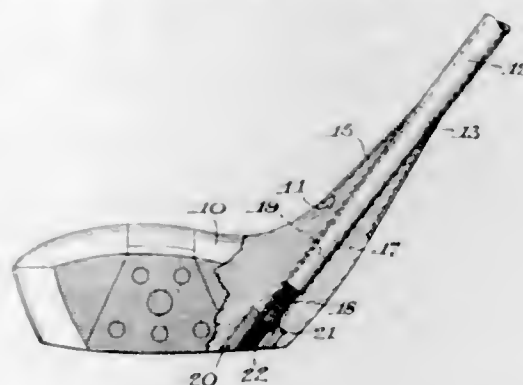


1,643,753. BUTTERFLY VALVE. DONALD W. SLATTERY, East Cleveland, Ohio. Filed Sept. 13, 1926. Serial No. 135,068. 11 Claims. (Cl. 137-139.)



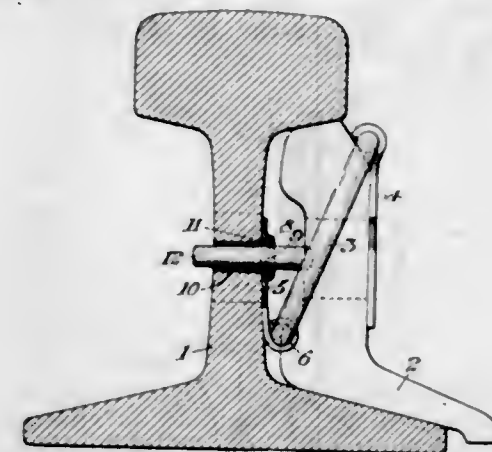
1. In a butterfly valve, a valve casing, a disk pivotally supported in the casing, a holding device adapted to engage the disk to resist the unseating tendency of the pressure on one-half the disk, means for turning the disk to open and close the valve, means for actuating the holding device, and means for insuring the actuation of the disk and holding device in predetermined order.

1,643,754. GOLF CLUB. SAMUEL W. SLEITH, Louisville, Ky., assignor, by direct and mesne assignments, to Great Lakes Golf Corporation, Milwaukee, Wis., a Corporation of Wisconsin. Filed Apr. 21, 1926. Serial No. 103,523. 10 Claims. (Cl. 273-80.)



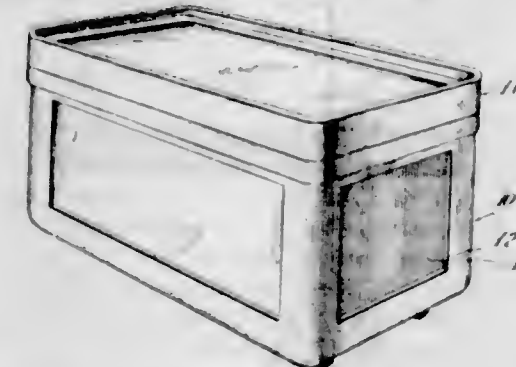
1. In a golf club, a shaft, a club head having a neck through which the shaft passes, a conical ferrule on the shaft and fitting on the neck, and a nut embedded in the head and having threaded connection with the shaft.

1,643,755. RAIL BOND. THOMAS GEORGE STILES, Arlington, N. J. Filed July 2, 1921. Serial No. 482,055. 3 Claims. (Cl. 173-262.)



1. A rail bond, comprising a two-part bracket including a plate having a wire-engaging loop at one edge, said plate also having an opening and an annular flange surrounding said opening formed with an inner tapered face, a ferrule mounted in said opening having an annular shoulder adjacent one end thereof engaging the inner tapered face of the annular flange on the plate, an outer end turned back over said flange and a projecting inner end adapted to be inserted in an opening in a rail, and a tapered pin for wedging the ferrule in the latter opening.

1,643,756. CARBURIZING BOX. WILLIAM B. SULLIVAN, Detroit, Mich., assignor to Chrobalitic Tool Company, a Corporation of Illinois. Filed Sept. 18, 1925. Serial No. 57,236. 5 Claims. (Cl. 263-49.)



5. A carburizing box comprising a cast metal structure having a sheet metal panel.

1,643,757. RAZOR. WILLIAM G. WALLENBECK, Chicago, Ill. Filed Aug. 28, 1925. Serial No. 52,993. 3 Claims. (Cl. 30-12.)

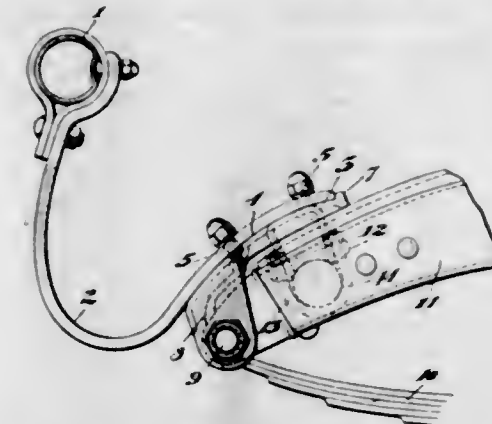


1. The combination with a safety razor blade holder, of a resilient removable clip for securing the blade in the holder, and a guard including an arcuate wall bulging laterally at one side of the holder, said clip removably disposed within the bulging portion and bearing against the blade holder to retain the guard in position.

1,643,758. BUMPER BRACKET. FRED C. WALTER, Cincinnati, Ohio, assignor to The Cincinnati Ball Crank Company, Cincinnati, Ohio, a Corporation of Ohio. Filed Jan. 11, 1927. Serial No. 160,454. 3 Claims. (Cl. 293-55.)

1. The combination with a vehicle chassis frame and vehicle springs connecting with the ends of the frame at

relatively opposite sides thereof of a bumper mounted upon said frame, including an impact bar and a pair of resilient bars connected at one end to said impact bar and at the opposite end clamped to the vehicle frame, brackets respectively interposed between the frame attaching ends of said resilient bars and the frame, each



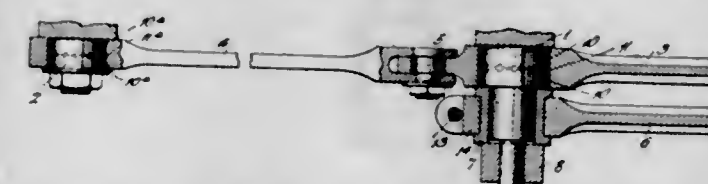
bracket comprising a plate body resting upon the upper surface of the frame and upon which the end of the resilient bar seats and is secured, and lugs extending from said body providing plural attaching points, one lug connecting directly to the vehicle frame and a second lug connected to the spring bolt connecting the vehicle spring and frame.

1,643,759. ALARM CIRCUIT OPERATED BY MICROPHONE. THOMAS C. ADAMS, Minneapolis, Minn., assignor, by direct and mesne assignments, to O. B. McClintock Company, Minneapolis, Minn., a Corporation of Minnesota. Filed Sept. 21, 1925. Serial No. 57,542. 3 Claims. (Cl. 177-314.)



1. A microphonic vault protecting system comprising a plurality of circuits, an electromagnetic relay and a normally restrained alarm device, said relay having an electrically influenced element, a fixed contact and a co-operating movable contact, the first circuit being a normally closed circuit and including a microphone and the electrically influenced element of said relay, the second circuit including an electromagnet and the fixed and movable contacts of said relay, said electrically influenced element being biased by the current flow in the first circuit, so as to cause said movable contact to engage said fixed contact and close said second circuit, and means whereby said alarm device will be operated when said second circuit is opened and its magnet de-energized.

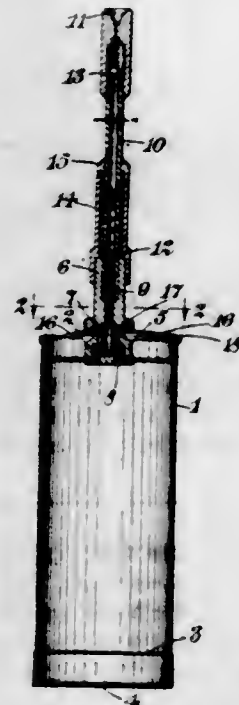
1,643,760. DRIVING-ROD BEARING FOR LOCOMOTIVES. JAMES E. ALLEN, Peru, Ind. Filed Aug. 7, 1925. Serial No. 48,782. 3 Claims. (Cl. 308-237.)



1. The combination with a locomotive crank pin and means detachably attached to the free end of the crank pin for retaining a driving rod thereon, of a driving rod, and a driving rod bearing comprising a longitudinally split floating bushing divided circumferentially into sec-

tions proportioned to provide for play thereof along the crank pin and which by detaching said retaining means are freely removable and replaceable in an endwise direction while the driving rod is on the crank pin.

1,643,761. GREASE GUN. JAMES AUSTIN APPLEBY, London, England, assignor to C. C. Wakefield & Company Limited, London, England. Filed Mar. 26, 1926, Serial No. 97,621, and in Great Britain May 2, 1925. 8 Claims. (Cl. 221—47.4.)



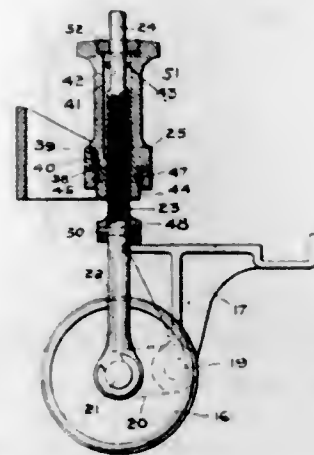
2. For a grease-gun the combination of a nozzle-piece having means for engagement with a discharge aperture in an end wall of a grease container wider in diameter than the discharge aperture and a bridge piece carried by said nozzle-piece and adapted to bear upon the side wall of the container to relieve the said end wall of the thrust of the grease-gun in operation.

1,643,762. SELF-SOAPING MOP. HAROLD S. BENNETT, Baltimore, Md. Filed Apr. 2, 1927. Serial No. 180,430. 3 Claims. (Cl. 15—122.)



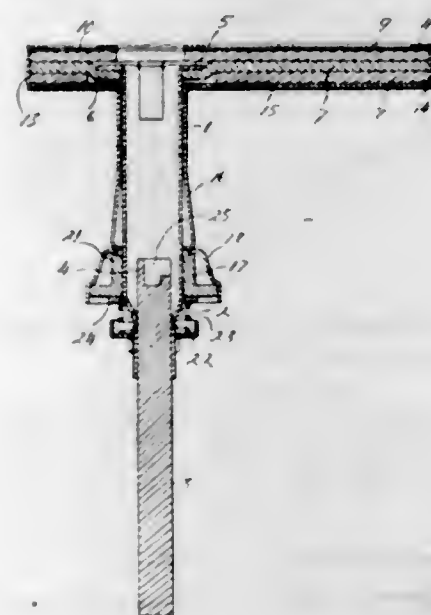
1. In a self-soaping dish mop, a handle having at one end a pliable, resilient, perforated container for holding detergent material and for regurgitating liquid through and expelling liquid from said container and mop material secured at said end and adapted to envelop said perforated container.

1,643,763. NOZZLE ADJUSTMENT FOR SUCTION SWEEPERS. GORDON C. CURRY, North Canton, Ohio, assignor, by mesne assignments, to The Hoover Company, North Canton, Ohio, a Corporation of Ohio. Filed July 31, 1922. Serial No. 578,723. 3 Claims. (Cl. 15—16.)



1. Nozzle adjusting means for a suction-sweeper comprising a rear wheel, an axle therefor pivotally connected with relation to the sweeper and an adjusting member attached to the axle, in combination with a bracket, a ring trunnioned thereon, a nut co-operating with the adjusting member for adjustment of the rear-wheel, mounted on the ring for rotation, and means on the nut and ring co-operating to retain the nut in a given relation to the ring.

1,643,764. DOOR-LOCK CONSTRUCTION. WILLIAM C. DEVEREAUX, Detroit, Mich. Filed June 7, 1926. Serial No. 114,361. 10 Claims. (Cl. 70—91.)

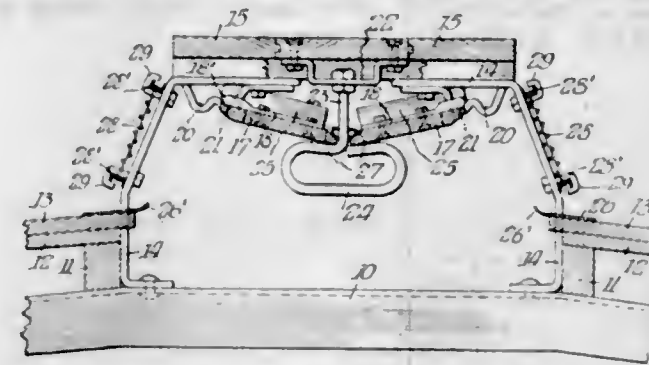


1. A handle assembly comprising a hollow shank, a lock cylinder in said shank, a grip secured to one end of said shank, a spindle secured to the other end thereof, and means associated with the said spindle and controlled by said lock cylinder for locking said shank and grip against rotary movement.

1,643,765. CAR VENTILATOR. ISRAEL V. EDGERTON, Chicago, Ill., assignor to Palace Poultry Car Company, Chicago, Ill., a Corporation of Illinois. Filed Dec. 27, 1926. Serial No. 157,086. 5 Claims. (Cl. 98—6.)

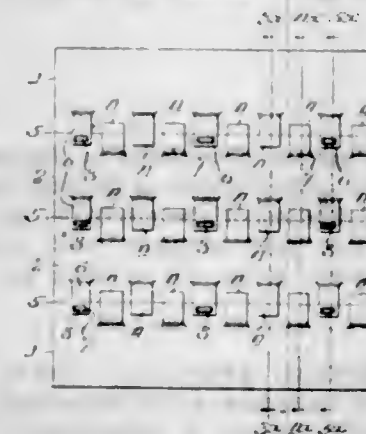
1. In a car ventilator, the combination with inwardly swinging shutters hinged at their upper edges opposite the ventilating openings of the clearstory, of inverted T-

shaped members swingingly attached to and depending from the roof of the clearstory, the heads of said T-shaped members adapted, when disposed lengthwise of the car



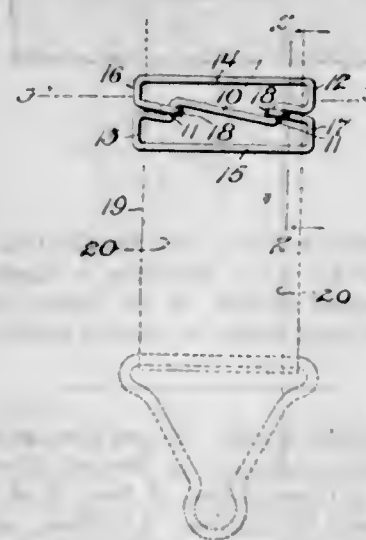
to permit full opening of said shutters, and when disposed crosswise of the car to underlie and support the free edges of said shutters.

1,643,766. HEAT-RESISTING PLATE. FRANK A. FAHRENWALD, Chicago Heights, Ill. Filed Apr. 21, 1926. Serial No. 103,655. 2 Claims. (Cl. 126—285.)



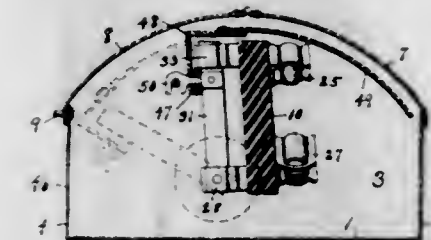
1. A sectional heat resisting plate, comprising a plurality of plate sections assembled in a plane edge to edge, the meeting marginal portion of each plate section at the line of meeting being provided with a lug or lugs projecting therefrom in the direction of the plane of the plate and lapping upon the plate section which meets it, the lugs on the two sections at each line of meeting being on the same side of the plane of the plate, and means being provided for interlocking the plate members against separation in the direction of the plane of the plate.

1,643,767. SLIDE. HENRY W. FALSTROM, Bloomfield, N. J., assignor to Eastern Tool & Mfg. Co., Bloomfield, N. J. Filed Mar. 24, 1927. Serial No. 177,879. 3 Claims. (Cl. 24—197.)



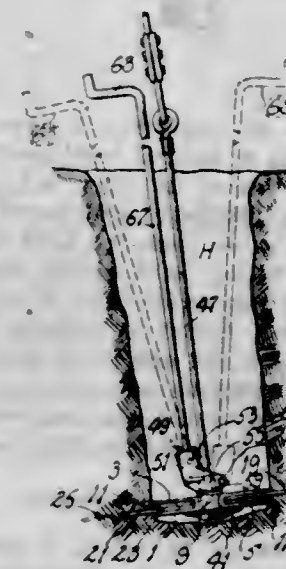
1. A slide consisting of a wire formed into the shape of an 8 with the centre strand having off-set portions near the ends thereof, the ends of the wire being bent into loops embracing said off-set portions.

1,643,768. SAFETY SWITCH. HARRISON J. L. FRANK, Detroit, Mich., assignor to Mutual Electric and Machine Company, Detroit, Mich., a Corporation of West Virginia. Filed May 5, 1922. Serial No. 558,578. 5 Claims. (Cl. 200—50.)



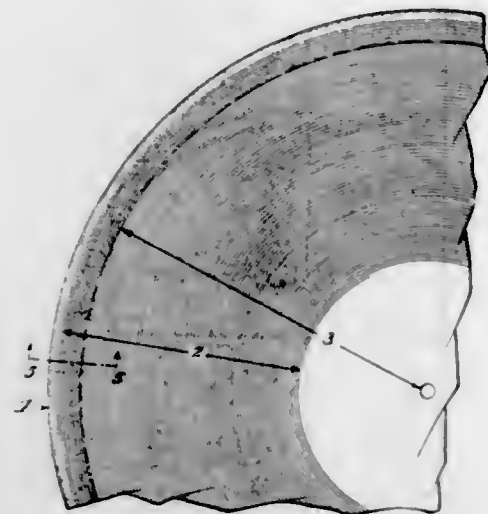
2. The combination of a box, a stationary slab of non-conducting material dividing the interior of said box into two compartments, a fuse mounted on one side of the slab in one compartment and a switch mounted on the other side of the slab in the other compartment, a manually operable handle pivotally mounted on one side of the box and means within the box connecting the handle to the switch, and a two part cover for the box comprising a segment of the cylinder whose axis coincides with that of said handle, each of the compartments being closed by a different part of the cover, said handle having a lateral extension substantially parallel to its axis and projecting over said cover.

1,643,769. ANCHOR. WALTER A. HEINRICH, St. Louis, Mo., assignor to W. N. Matthews Corporation, St. Louis, Mo., a Corporation of Missouri. Filed Nov. 12, 1925. Serial No. 68,500. 6 Claims. (Cl. 189—92.)



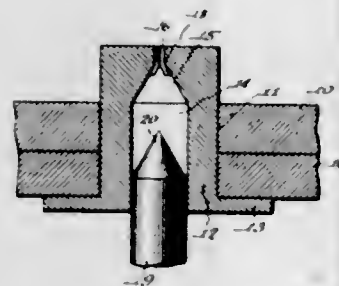
1. An anchor of the class described comprising spaced walls, slidable plates therein, and rotatable means passing through the walls for driving the plates outwardly, said means comprising a pinion meshing with teeth on the plates through which pinion a passage is formed to accommodate the piece to be anchored.

1,643,770. PHONOGRAPH RECORD. NEWMAN H. HOLLAND, East Orange, N. J. Filed Mar. 20, 1925. Serial No. 16,916. 4 Claims. (Cl. 274-42.)



1. A record provided with a groove of substantially uniform effective cross section throughout its length having a starting portion provided with means to grind a needle to fit the groove, the following portion of the groove being substantially free from grinding means.

1,643,771. RIVET. JOHN W. ISEMAN, Brooklyn, N. Y., assignor of fifty per cent to John D. Small, New York, N. Y. Filed Dec. 30, 1926. Serial No. 158,039. 3 Claims. (Cl. 85-40.)



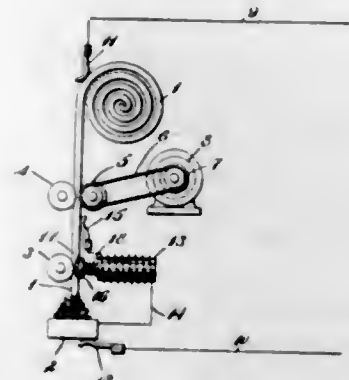
1. As an article of commerce, a rivet comprising a hollow sleeve having a flanged head portion at one end and a clinching portion at its other end, and a pin member for plugging the interior of said sleeve and for operating said clinching portion from the head end of the rivet, said pin member fitting said sleeve with a drive fit throughout at least the major part of the length of the sleeve, the pin being forced a distance part way into said sleeve at the head end and there carried by the rivet prior to its use, to provide an extended unitary assembly easily manipulated by the user and ready for the pin to be driven home by a predetermined blow.

1,643,772. PROCESS OF MAKING A NEW FOOD AND THE PRODUCT. ARTHUR S. HOYT, New York, N. Y. Filed May 15, 1926. Serial No. 109,362. 10 Claims. (Cl. 99-11.)

1. The process of producing a food substantially free from carbohydrates and wheat oil comprising the elimination of all wheat oil and carbohydrates from wet gluten gum, cooking the same into a gruel and drying said gruel into thin flakes.

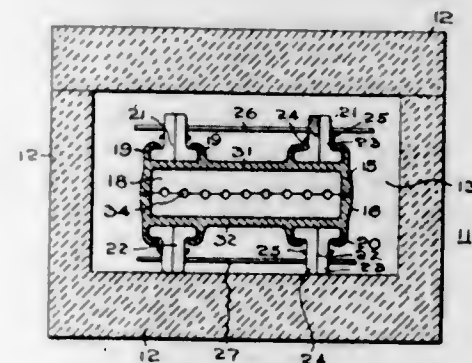
6. A new food substantially free from carbohydrates and wheat oil comprising gluten free from wheat oil, flour and starch thoroughly cooked and dried in crisp flakes.

1,643,773. ELECTRODE-FEEDING MEANS. WILLIAM B. JASPERT, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed June 3, 1921. Serial No. 474,815. 6 Claims. (Cl. 219-8.)



1. A welding system comprising a fusible electrode, means for feeding said electrode, a friction brake plunger for retarding the feeding of the electrode, and a solenoid adapted to actuate said plunger, said solenoid being electrically connected across the welding arc.

1,643,774. ELECTRIC FURNACE. ALVIN D. KEENE, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Feb. 10, 1925. Serial No. 8,202. 7 Claims. (Cl. 204-64.)

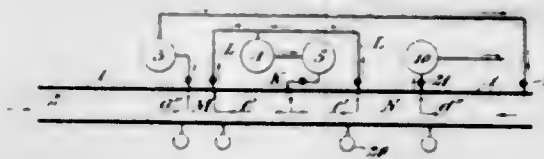


1. In an electric furnace, the combination with a plurality of refractory walls enclosing a furnace chamber, and a muffle located therein, of an electric resistor member supported by said muffle in spaced relation therefrom.

1,643,775. TUNNEL KILN. JAMES KELLEHER, Chippawa, Ontario, Canada, assignor to Harper Electric Furnace Corporation, a Corporation of New York. Filed Aug. 29, 1925. Serial No. 53,284. 8 Claims. (Cl. 263-40.)

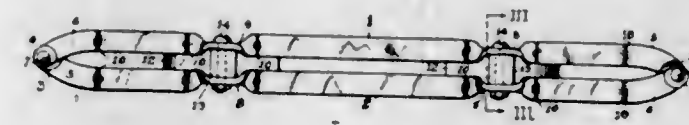
1. The method of operating a tunnel kiln which comprises causing a stream of gas to enter the tunnel under pressure so as to substantially fill a portion of the tunnel, withdrawing said gas at another point of said tunnel at a pressure below atmospheric, admitting another

gas to the tunnel so as to substantially fill another portion of the tunnel, and withdrawing said second gas adjacent the point of withdrawal of said first gas and at



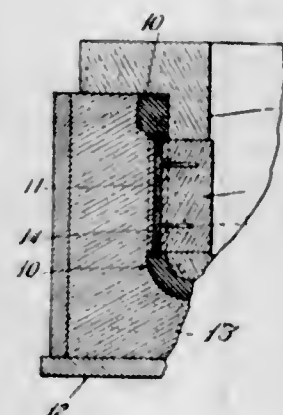
substantially the same pressure below atmosphere said gases being in contact with each other adjacent their point of withdrawal.

1,643,776. AUTOMOBILE BUMPER. ALBERT L. KERN, Aurora, Ill. Filed Dec. 29, 1926. Serial No. 157,689. 7 Claims. (Cl. 293-55.)



1. In an automobile bumper, a pair of spaced flat bumper bars disposed vertically edgewise, said pair of bars provided with support bearings formed by twisting portions of each of said pair of bars to extend at right angles relatively to the edgewise disposition of said pair of bars.

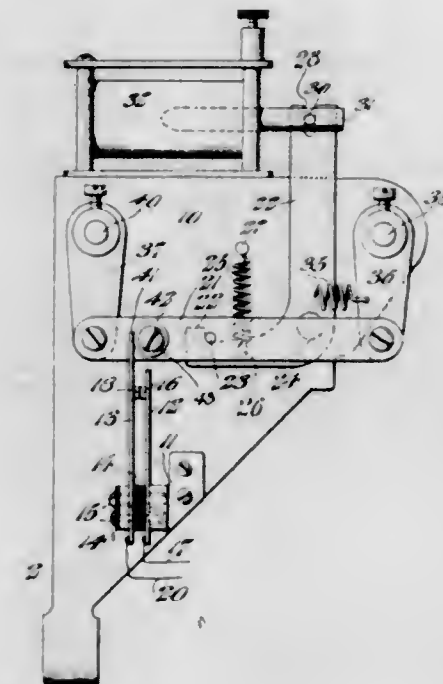
1,643,777. METHOD OF MAKING METAL CASTINGS. HENNING KLOUMAN, Michigan City, Ind., assignor to Chrobotic Tool Company, a Corporation of Illinois. Filed Sept. 18, 1925. Serial No. 57,148. 2 Claims. (Cl. 22-190.)



1. The method of forming a mold for the casting of chambered bodies having an insert embedded within the wall thereof during the casting operation, and set in from the faces of such wall, consisting in the formation of a sand mold conforming to the exterior face of the body, a core conforming to the interior face thereof but having an aperture conforming in shape and location to the insert, forming a core block conforming to such aperture, attaching the insert to the outer face of the block, entering the block into the aperture to bring the margins of the insert

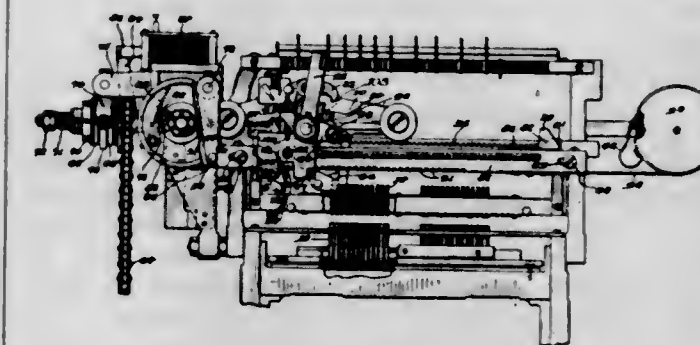
in contact with the first mentioned core, fitting the assembled core elements into the sand mold, and then forcing outwardly the block to cause the insert to make contact with the sand.

1,643,778. AUTOMATIC CIRCUIT BREAKER FOR ELECTRIC KEY PUNCHES. WILLIAM W. LASKER, Brooklyn, N. Y., assignor to Powers Accounting Machine Corporation, New York, N. Y., a Corporation of Delaware. Filed Apr. 29, 1925. Serial No. 26,688. 8 Claims. (Cl. 164-113.)



1. In an electric punch mechanism, the combination of a control circuit for controlling a punch mechanism on a movable carriage, and means for opening and maintaining said circuit open on the return movement of said carriage.

1,643,779. CARRIAGE RETURN FOR PUNCHING MACHINES. WILLIAM W. LASKER, Brooklyn, N. Y., assignor to Powers Accounting Machine Corporation, New York, N. Y., a Corporation of Delaware. Filed Oct. 22, 1925. Serial No. 64,174. 14 Claims. (Cl. 164-112.)

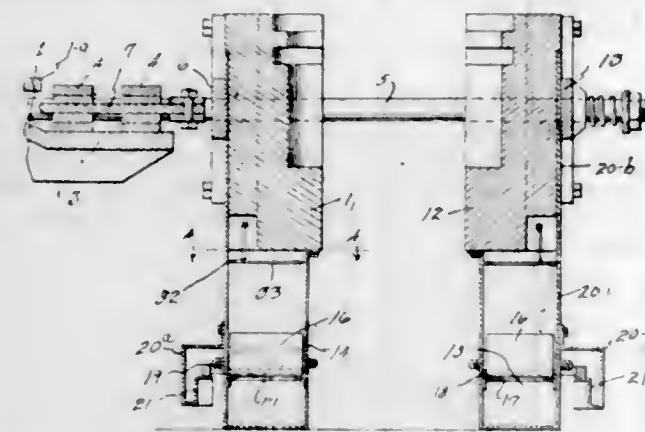


13. In a punching machine, a carriage, a carriage-return element, means including a winding drum and a tape for causing said carriage-return element to travel transversely of the machine in one direction, and strain relieving means between said tape and said winding drum.

1,643,780. AIR COOLING OF PERMANENT MOLDS. HARRY S. LEE, Plymouth, Mich. Filed Aug. 24, 1925. Serial No. 51,973. 13 Claims. (Cl. 22-177.)

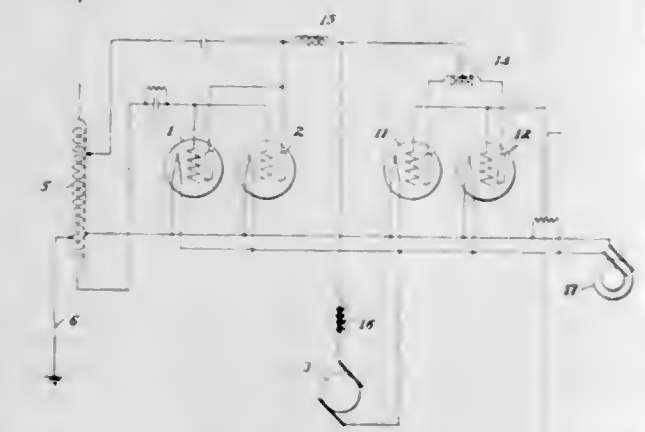
5. In a permanent mold apparatus, in combination, a mold mounted to travel in a path, a duct for fluid ex-

tending along the path of travel of the mold, a plurality of valves mounted along the face of the duct which is



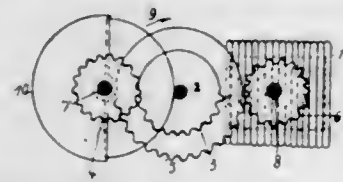
nearest the path of travel of the mold, and means traveling with the mold to open each valve while the mold is adjacent the valve.

1,643,781. RADIO SENDING SYSTEM. DONALD G. LITTLE, Wilkesburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Jan. 8, 1924. Serial No. 684,978. 3 Claims. (Cl. 250-17.)



1. In a radio sending system, a plurality of modulator triodes having plate electrodes connected in parallel with the plate electrode of an oscillation generating tube, a source of electrical energy cooperating therewith, and an inductance connected intermediate said plate electrodes, said energy source being connected to a midpoint of said inductance, the portions of said inductance on either side of said midpoint neutralizing each other, whereby substantially no reactance is offered by said inductance to current from said source.

1,643,782. DEVICE FOR ALTERING THE WAVE LENGTH. SIEGMUND LOEWE, Berlin, Germany, assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Sept. 2, 1921, Serial No. 498,167, and in Germany Jan. 15, 1916, now German patent No. 307,713. 6 Claims. (Cl. 250-40.) (Granted under the provisions of the act of Mar. 3, 1921, 41 Stat. L., 1313.)



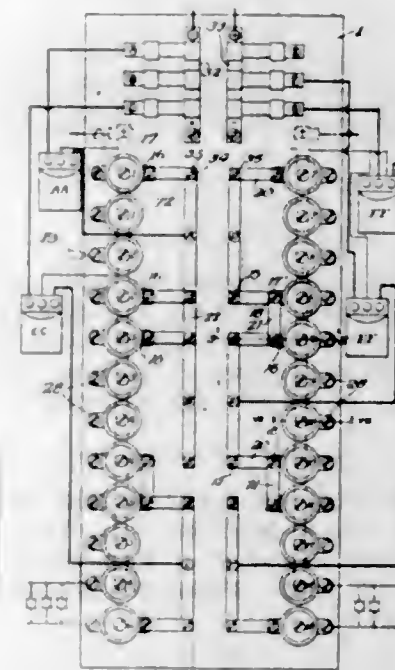
1. The combination with a plurality of variable tuning devices each operable to vary its tuning of a mechanism common to said devices, said mechanism being operable to operate said devices successively only whereby the tuning of said devices is changed successive only.

1,643,783. APPARATUS FOR WAVING HAIR. FRANÇOIS RENE MARCEL, Brooklyn, N. Y. Filed Sept. 18, 1923, Serial No. 663,418. Renewed Sept. 21, 1926. 11 Claims. (Cl. 219-24.)



3. A device for treating hair comprising an electric heater adapted to be applied to the hair to heat it and including electrodes and a body of asbestos for holding moisture and arranged between said electrodes, the electric circuit between said electrodes being completed by moisture held in said body of asbestos, whereby when said moisture has been vaporized and driven off the circuit between said electrodes will be automatically broken.

1,643,784. METERING PANEL BOARD. ARTHUR C. McWILLIAMS, Chicago, Ill., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Oct. 28, 1922. Serial No. 597,520. 14 Claims. (Cl. 175-370.)

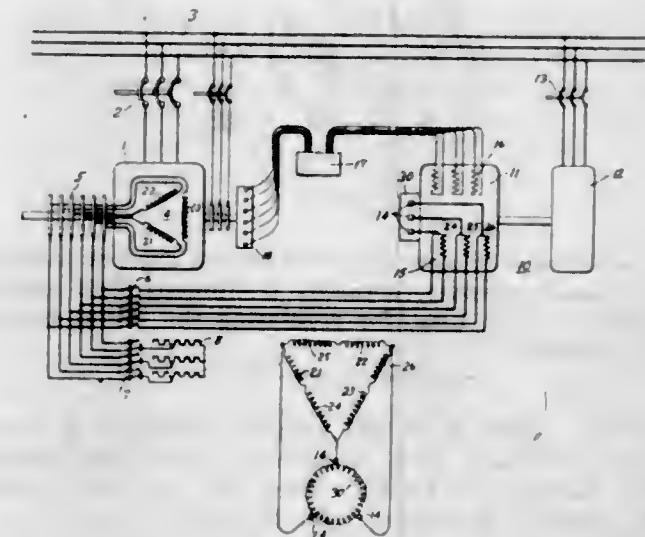


1. In a metering panel board, two rows of circuit-controlling devices each composed of consecutive groups of four, each group of four comprising two pairs of devices associated with two consumption circuits, all of the devices presenting their consumption-circuit terminals towards the outer sides of the rows, one device of each pair presenting its other terminal as a polarity terminal at the inner sides of the rows, a supply-circuit conductor connected to the other or supply-circuit terminal of the other device of each pair, meter terminals at the inner side of the rows and each respectively opposite one group of the devices, and detachable straps for interchangeably connecting any meter terminal with either of the polarity terminals of the pairs of devices of the group opposite that terminal.

1,643,785. DYNAMO-ELECTRIC MACHINE. STANLEY G. NOTTAGE, Murraysville, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed May 25, 1925. Serial No. 32,532. 10 Claims. (Cl. 172-274.)

1. A polyphase commutator machine comprising an armature core, a closed distributed winding thereon, a commutator cylinder associated with said distributed winding, a plurality of spaced brushes bearing on said commutator, a field core, compensating windings thereon for neutralizing the magnetic effects of the currents in

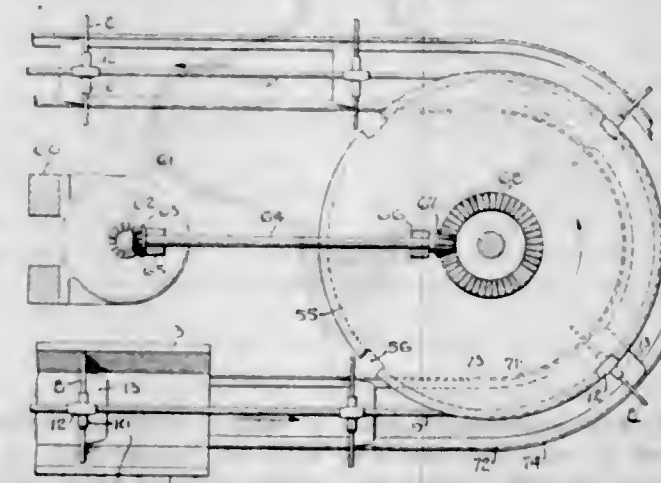
said distributed winding, and external energy-transferring windings connected with said compensating windings into a closed circuit having a plurality of terminals spaced similarly to the brush terminals of said distributed winding, the corresponding terminals of said two closed circuits being connected to each other.



2. In a commutator-type, dynamo-electric machine, the combination with a closed distributed commutator winding and a set of brushes cooperating with a plurality of spaced points upon the commutator of said winding, of compensating windings for said commutator winding and external energy-transferring windings connected with said compensating windings into a closed circuit similar to said commutator winding, said closed circuit having a set of terminals distributed like, and, respectively, connected to, said brushes.

5. The combination with polyphase energy-supply windings having a plurality of phase elements, of a dynamo-electric machine connected to said windings, said machine comprising a member having a closed commutator winding, a set of brushes cooperating with said commutator winding, said brushes being so distributed that the winding elements between the brushes have the same relative proportions as said phase elements, compensating windings for said machine comprising a plurality of elements proportioned similarly to said commutator-winding elements, the corresponding elements of said energy-supply windings and said compensating winding being serially connected between corresponding brushes upon said commutator.

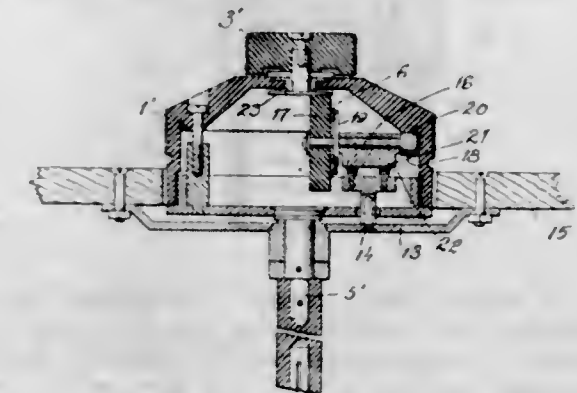
1,643,786. CONVEYER MECHANISM. RICHARD PEALE, St. Benedict, Pa., assignor, by mesne assignments, to Rembrandt Peale, W. Sanders Davies, and William S. Wallace, trustees. Filed Mar. 1, 1920. Serial No. 362,239. 15 Claims. (Cl. 198-174.)



6. A conveyer mechanism including in combination an endless cable traveling in a horizontal path, a conveyer body extending along one reach of the conveyer path and having a bottom and sides, a plurality of blades fitting

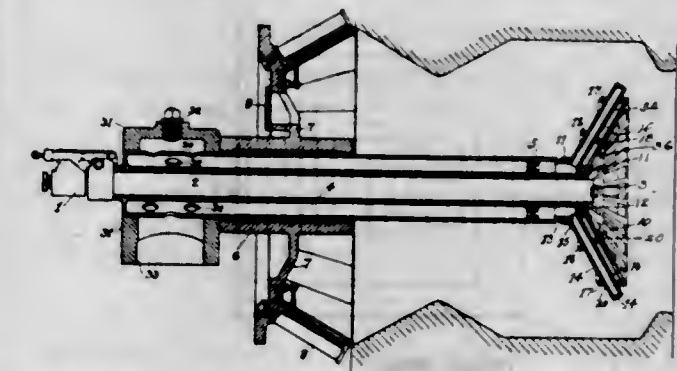
across within and sliding along the conveyer body, and connected to the cable in spaced relationship, and means for guiding the blades back from the discharge end to the initial end of the conveyer body.

1,643,787. CONTROL UNIT FOR VARIABLE INSTRUMENTS. KARL ROTTGARDT, Dahlem, near Berlin, Germany, assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Aug. 29, 1921, Serial No. 496,433, and in Germany Nov. 2, 1918. 12 Claims. (Cl. 74-7.)



8. A control device for variable electrical apparatus comprising a main knob adapted to be connected to a shaft for directly rotating said shaft, speed reducing mechanism enclosed by said main knob, and an auxiliary knob for operating said speed reducing mechanism.

1,643,788. COMBINATION OIL AND GAS BURNER. EDWARD SEEVER, Needham, and FRANK A. MAZZUR, Waban, Mass.; Mattie P. Mazzur, administratrix of said Frank A. Mazzur, deceased, assignors to Peabody Engineering Corporation, New York, N. Y., a Corporation of New York. Filed Feb. 6, 1925. Serial No. 7,371. 6 Claims. (Cl. 158-11.)



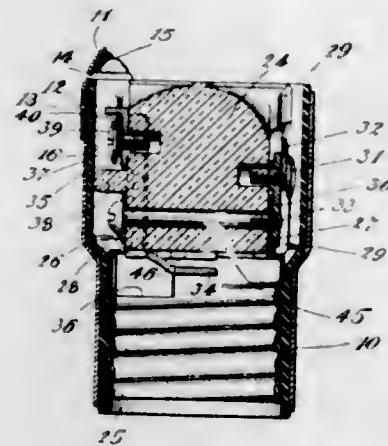
1. Fuel burning apparatus for furnaces comprising a liquid fuel atomizer, a diffuser surrounding said atomizer and having openings therein, a chamber supported in proximity to said diffuser and having outlets in the wall thereof adapted to discharge a gaseous fuel through the openings in the diffuser, and a connection to said chamber for supplying a gaseous fuel thereto.

1,643,789. KNIFE-BLADE SWITCH. WILLIAM H. SIEMON, Wilkesburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Oct. 4, 1922. Serial No. 592,252. 2 Claims. (Cl. 200-172.)



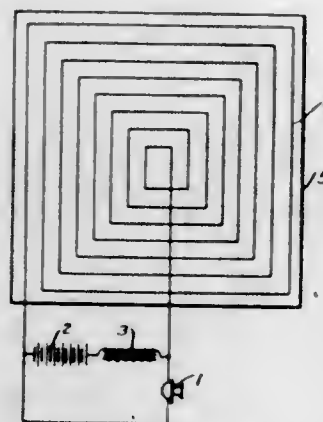
1. An electric switch member comprising a blade member having a slot at one end, a conical slotted member seated in the slot of said blade member, a slot of the second member forming a seat for the adjacent edge of the blade member.

1,643,790. ELECTRIC LAMP SOCKET. HAROLD E. SLADE, Newark, N. J., assignor to Beaver Machine & Tool Company, Inc., Newark, N. J., a Corporation of New Jersey. Filed Dec. 7, 1923. Serial No. 679,051. 3 Claims. (Cl. 173-358.)



1. In an electric lamp socket, an insulating base, a lamp terminal screw contact having lugs extending therefrom adapted to engage substantially oppositely disposed faces provided therefor on the said base, a lead wire terminal having a boss thereon adapted to enter a recess provided therefor in one of the said lugs, and a unitary means passing through the said base transversely, and engaging one of the said lugs to secure the said lamp terminal screw contact to said base, and also engaging the said lead wire terminal to secure the same and the other of the said lugs to the said base.

1,643,791. LOUD SPEAKER. JOSEPH SLEPIAN, Swissvale, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Apr. 21, 1924. Serial No. 707,847. 11 Claims. (Cl. 179-1.)

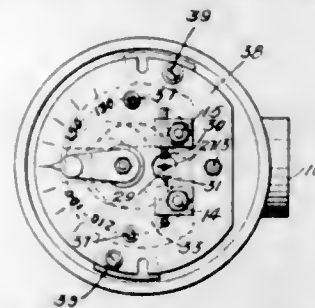


1. In a device of the class described, a flat coil, a sheet of conductive material in proximity thereto, all of said sheet being free to move at an angle to the plane of said coil, whereby currents in said coil will cause motion of said sheet.

1,643,792. THERMAL SWITCH. BENJAMIN H. SMITH, Wilkesburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Jan. 24, 1921. Serial No. 439,409. 2 Claims. (Cl. 200-139.)

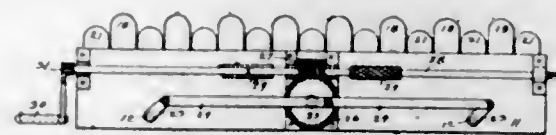
1. In combination, in an electric switch, a base, of electric-insulating material having a depression in one surface thereof, an adjustable yoke member of U-shape located in said depression, a spindle pivotally supported between the arms thereof, a bimetallic spring having one end connected to the yoke and its other end connected to the spindle, a support for the yoke extending through the base, a counterbalanced movable contact member carried by the spindle, a magnet located

in the depression in said base below the yoke and having its poles positioned adjacent to the extreme positions of the movable contact member, cooperating contact mem-



bers selectively engaged by the movable contact member, and a handle member, normally frictionally held against movement by the base, for regulating the initial tension of the spring.

1,643,793. BED FOR INVALIDS. CHARLES E. SPARHAWK, Portland, Oreg., assignor to Ada Young, Ketchikan, Territory of Alaska. Filed Mar. 24, 1926. Serial No. 96,913. 2 Claims. (Cl. 5-60.)



2. A bed having a rectangular frame; a plurality of stationary cushions placed across said frame and spaced from each other; a movable frame within said rectangular frame; a pair of shafts under said movable frame; arms on said shafts engaging said movable frame; a plurality of cushions mounted on said movable frame between said fixed cushions; and means for rocking said shafts in unison in a manner that one set of cushions can be positioned above or below the other set or held at the same elevation.

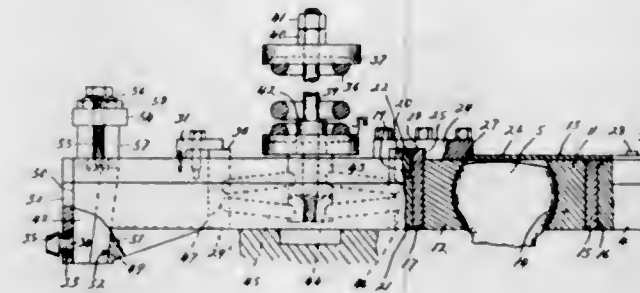
1,643,794. HOT-WATER BOTTLE. EWALD E. STURK, Hollywood, Calif. Filed July 10, 1925. Serial No. 42,805. 3 Claims. (Cl. 150-1.)



1. The combination with a rubber container having a tab at one end provided with an enlargement, of a hanger therefor formed of a single strip of sheet metal bent at a point intermediate its ends back upon itself to provide a pair of companion body portions, the body portions being gradually increased in width toward their inner ends, a pair of companion gripping jaws formed on the inner ends of the body portions for receiving the

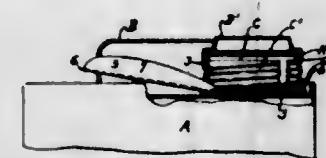
enlargement, rivets passing through the body portions for holding said body portions in contact with each other and the jaws in gripping engagement with the enlargement, and a swinging loop carried by the outer end of the hanger.

1,643,795. SAFETY DEVICE FOR RIVETING MACHINES. HOWARD C. VANCE, Detroit, Mich., assignor to Whitehead & Kales Company, River Rouge, Mich., a Corporation of Michigan. Filed June 16, 1924. Serial No. 720,439. 8 Claims. (Cl. 75-13.)



1. In a power driven machine, a reciprocating carriage having a longitudinally extending slot therein, a die member carried by the carriage, and means for actuating the carriage including a rocker extending into said slot, spaced blocks in the slot, one block abutting one end of the slot, the other block being adapted to be actuated by the rocker for moving the carriage in one direction, and a safety device for the die located between the spaced blocks including members movable transversely of the carriage, plates extending between said movable members and spaced blocks for transmitting thrust from the rocker to the carriage, and a yieldable member for resisting movement of the movable members.

1,643,796. POURING SPOUT FOR LIQUID CONTAINERS. FREDERICK WESTERBECK, St. Louis, Mo. Filed May 25, 1925. Serial No. 32,556. 2 Claims. (Cl. 221-11.)

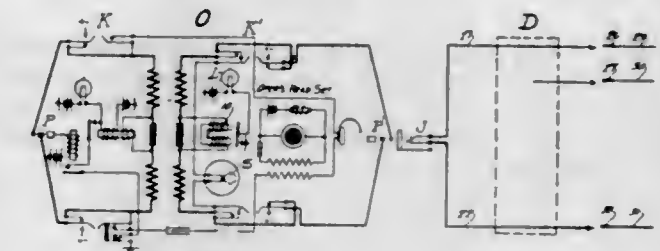


1. In combination with a receptacle adapted to contain liquid and having a pouring neck, a pouring spout comprising a member having a collar portion surrounding said pouring neck and a lip portion, means comprising a guideway whereby said pouring spout may be retained in an inoperative position remote from the discharge end of said pouring neck, means comprising a guideway whereby said pouring spout may be retained in an operative position adjacent to said discharge end of said pouring neck, and means comprising guideways arranged longitudinally of said pouring neck and in communication with the first and second mentioned guideways whereby said pouring spout is permitted to be moved longitudinally of said pouring neck from said inoperative position to said operative position, and portions on said pouring spout adapted to extend into said guideways.

1,643,797. AUTOMATIC TELEPHONE SYSTEM. JOHN WICKS, Oak Park, Ill., assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill., a Corporation of Delaware. Filed Apr. 28, 1921. Serial No. 465,101. Renewed Jan. 25, 1926. 31 Claims. (Cl. 179-27.)

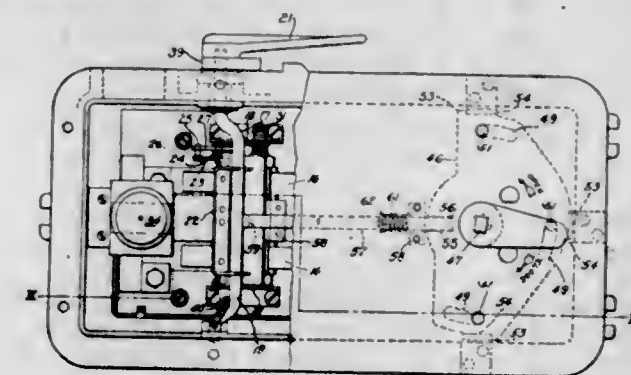
1. In a telephone system, main and branch exchanges, a group of trunk lines connecting said exchanges for use in handling regular interexchange connections, a

toll trunk line connecting said exchanges for use only in connecting toll lines with lines in the branch exchange, and toll selectors in the main exchange respon-



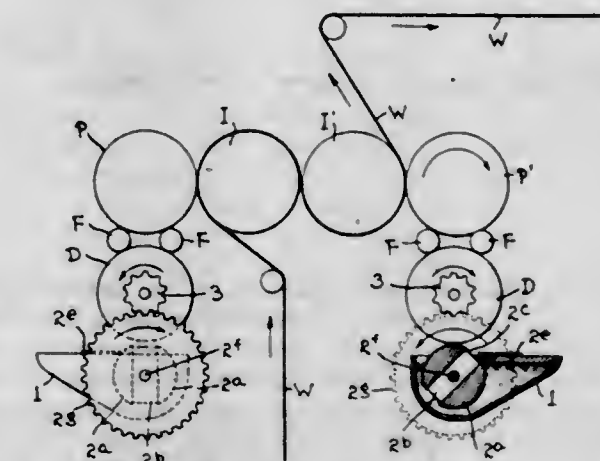
sive to a particular digit for connecting with said toll trunk, and responsive to the same digit for connecting with an idle trunk in said group in case the said toll trunk is busy.

1,643,798. SWITCH MECHANISM. HAROLD G. BAXTER, Wilkesburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Apr. 18, 1922. Serial No. 555,128. 3 Claims. (Cl. 200-50.)



1. Switch mechanism comprising a housing, a switch within the housing, a door hinged at one edge to the housing, a rotatable locking plate on the door slidably supported at a plurality of points respectively adjacent to the other edges of said door and having portions adjacent to each of the points of support for engaging the housing whereby all of the edges of the door may be secured in closed position and means for interlocking the said plate with the switch whereby opening movement of the plate is prevented so long as the switch is in closed position.

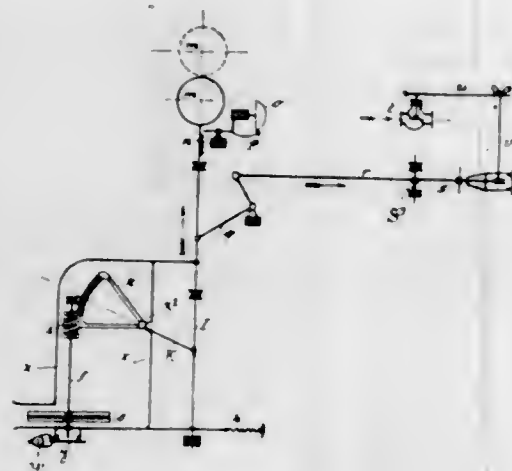
1,643,799. INKING MECHANISM FOR PRINTING PRESSES. HENRY F. BECHMAN, Battle Creek, Mich., assignor to Duplex Printing Press Company, Battle Creek, Mich., a Corporation of Michigan. Filed Apr. 12, 1924. Serial No. 706,019. 16 Claims. (Cl. 101-350.)



1. In inking mechanism for the purpose specified, an ink drum mounted in fixed bearings, an ink fountain; an ink fountain roll segment adapted to transfer ink

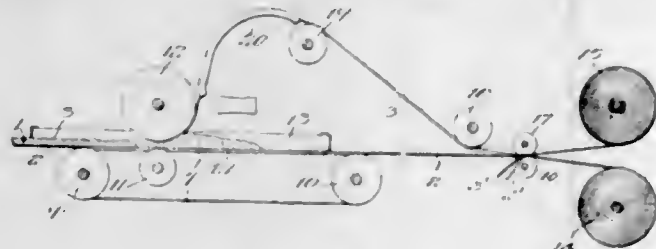
directly from the fountain to the drum and means for driving the drum at greater peripheral speed than the fountain roll segment.

1,643,800. APPARATUS FOR TRANSMITTING THE POSITION OF SIGNALS. CARL BERGFELD, Berlin-Wilmersdorf, Germany. Filed Nov. 6, 1924. Serial No. 748,264, and in Germany Oct. 20, 1924. 6 Claims. (Cl. 246-192.)



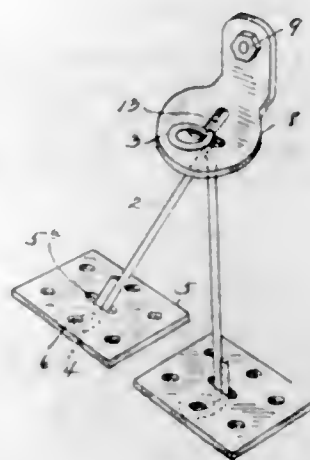
1. Apparatus for transmitting the position of signals to the cabin of a train, comprising a shaft on the train intermediate the rails; an advance signal; a main signal; a pair of opposed ramps on the track intermediate the rails, one in advance of the other, the advance ramp being actuated by the advance signal, and the other by the main signal; a roller on said shaft adapted to contact with said ramps; said ramps being adapted to rotate the roller in opposite directions; and means cooperating with said shaft for actuating a signal in the cabin.

1,643,801. METHOD AND APPARATUS FOR CONSTRUCTING PLASTER BOARD. CHARLES B. BIRDSEY, Hinsdale, Ill., assignor to United States Gypsum Company, Chicago, Ill., a Corporation of Illinois. Filed Jan. 13, 1921. Serial No. 437,062. 26 Claims. (Cl. 154-1.)



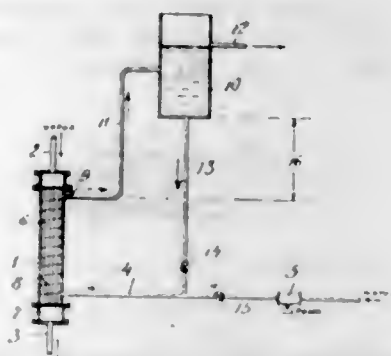
24. In a plaster board machine of the character described and in combination, a suitable support, a forming mechanism at said support, means for advancing cover sheets together towards said forming mechanism, mechanism mounted in advance of the forming mechanism for trimming the side edges of both sheets at the same time while in contact, means for separating the sheets, means for depositing a plastic mass between the trimmed sheets, and means bringing the sheets together and passing the sheets with the plastic mass between them through the forming mechanism.

1,643,802. HOLD-DOWN DEVICE FOR VEHICLES. WILLIAM W. BLAKELY, Detroit, Mich. Filed June 2, 1924. Serial No. 717,352. 9 Claims. (Cl. 189-32.)



9. A securing device for vehicles comprising an attaching plate having an opening for receiving a wheel bolt, and a tie member having a pair of legs provided at their lower ends with attaching feet and provided at their upper ends with a common head projecting at substantially right angles to said legs, and detachably engaging the plate aforesaid.

1,643,803. DEVICE FOR PROTECTING CONDENSERS. ARTHUR G. BOGARDUS, Chicago, Ill., assignor to The Glacem-Russell Company, New York, N. Y., a Corporation of Delaware. Filed Feb. 18, 1922. Serial No. 537,401. 6 Claims. (Cl. 257-24.)



1. Apparatus of the class described, comprising a condenser for receiving the hot vapors, means for normally maintaining a circulation of cooling fluid through said condenser, and means for automatically maintaining said circulation for a substantial length of time upon failure of said first mentioned circulating means.

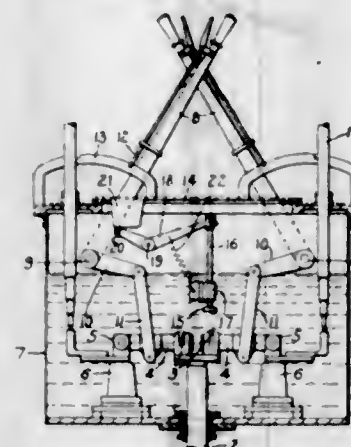
1,643,804. PROCESS OF MANUFACTURING VANILLIN. RICHARD H. BOTS, Syracuse, N. Y. Filed Jan. 25, 1926. Serial No. 83,728. 13 Claims. (Cl. 260-137.)

1. The process of oxidizing a carbon compound having a benzene nucleus with a lateral chain $\text{CH}=\text{CH}-\text{CH}_3$ to produce the corresponding aldehydes, which consists in treating said compound with nitro-benzol.

1,643,805. PROCESS OF MANUFACTURING VANILLIN. RICHARD H. BOTS, Syracuse, N. Y. Filed May 25, 1926. Serial No. 111,640. 19 Claims. (Cl. 260-137.)

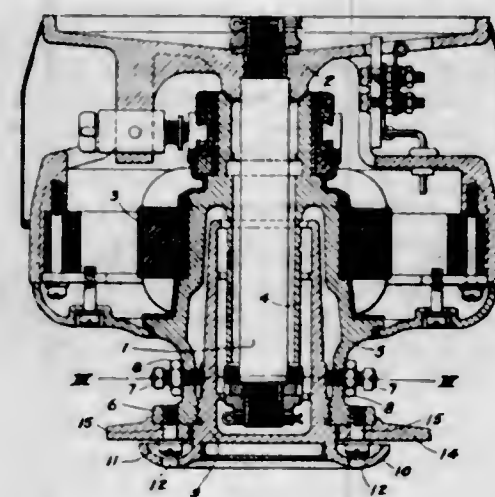
1. The process of oxidizing a carbon compound having a benzene nucleus with a lateral chain $-\text{CH}=\text{CH}-\text{CH}_3$ to produce the corresponding aldehyde, which consists in treating said compound with nitro-benzol.

1,643,806. ELECTRIC SWITCH. DAVID REGINALD DAVIES, Manchester, England, assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Feb. 1, 1924. Serial No. 689,884, and in Great Britain Feb. 15, 1923. 3 Claims. (Cl. 200-50.)



1. Switch mechanism comprising a housing, a movable cover for the housing, conductor terminals within the housing, a movable switch member for connecting the said terminals, and means independent of the switch member and controlled by the cover for conductively connecting one of the terminals to earth when the cover is moved to its open position.

1,643,807. OIL CUP FOR CEILING FANS. EARL W. DENMAN, Swissvale, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Mar. 5, 1923. Serial No. 622,726. 4 Claims. (Cl. 308-168.)

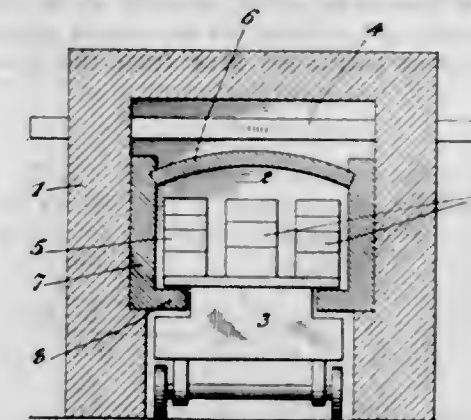


1. The combination with a pair of rotatably connected members, of a locking mechanism for preventing accidental rotation thereof, said mechanism comprising a longitudinally corrugated surface having an uneven number of corrugations on one of said members and a pair of diametrically opposite, radially directed locking elements on the other of said members.

1,643,808. ELECTRIC FURNACE. FRANCIS A. J. FITZGERALD, Niagara Falls, N. Y., assignor to Harper Electric Furnace Corporation, a Corporation of New York. Filed June 1, 1925. Serial No. 33,924. 2 Claims. (Cl. 204-64.)

1. In an electric furnace the combination with an outer casing having a resistor chamber confined to its upper portion, of a resistor extending through said chamber and radiating heat downward, article conveying means at the lower portion of the space within said casing,

and a heat conducting structure to distribute the heat supply to the articles on said conveying means comprising side members of heat conducting material extending



downward along the sides of the casing to a point below the articles and a septum member of heat conducting material between the articles and said resistor chamber.

1,643,809. THERMOSTATIC METAL. CLAYTON E. FREY, Newark, N. J., assignor to The H. A. Wilson Company, a Corporation of New Jersey. Filed May 31, 1921. Serial No. 473,802. 9 Claims. (Cl. 297-15.)



1. A thermostatic couple consisting of two elements having different coefficients of expansion fused together, both elements consisting of alloys of nickel, and the element having the higher temperature coefficient having the larger nickel content.

1,643,810. GAS-FILLED INCANDESCENT LAMP AND GETTER THEREFOR. DANIEL SNYDER GUSTIN, Newark, N. J., assignor to Westinghouse Lamp Company, a Corporation of Pennsylvania. Filed May 16, 1923. Serial No. 639,460. 16 Claims. (Cl. 176-16.)

1. An incandescent electric lamp of the gas-filled type containing an oxygen-free, organic getter.

1,643,811. SPRING SUSPENSION FOR VEHICLES. HENRY WEBB HYDE, North Cohasset, Mass., assignor to Hyde Engineering Company, Boston, Mass., a Corporation of Massachusetts. Filed Apr. 23, 1924. Serial No. 708,431. 1 Claim. (Cl. 280-104.)

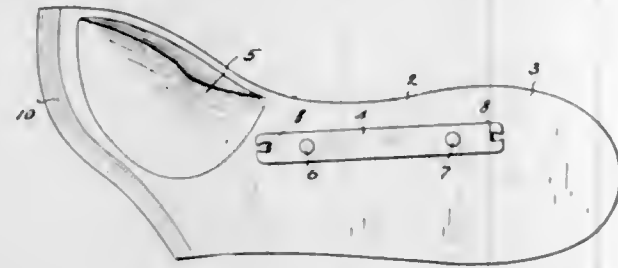


In a vehicle having a body and axles, a spring suspension comprising a pair of spring reaches each connected with both of said axles, and a connection between said reaches and the body upon which the latter is free to rock with respect to the former, said suspension including a spring member carrying said connection intermediate its ends and connected at one end to the body, and a semi-elliptical spring supported by an axle and connected at its outer end to the body and at its inner end to said spring member.

1,643,812. ARCH SUPPORTER. PIETRO IACOVINO, New York, N. Y. Filed Mar. 21, 1925. Serial No. 17,411. 1 Claim. (Cl. 36-71.)

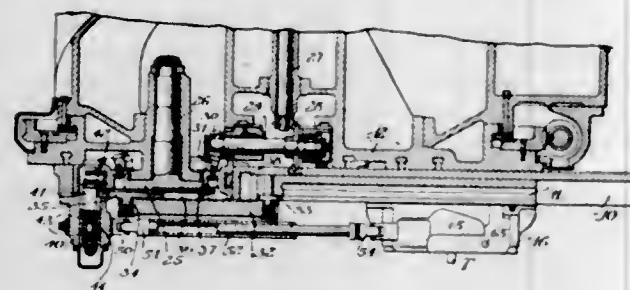
In an arch supporter, a leather body adapted to fit flatwise into the bottom of a shoe and extend across the shank of the shoe, a rectangular straight narrow metallic

stiffening member curved longitudinally, said stiffening member being formed with struck-out portions at each end in alignment with the longitudinal center of the stiffening member and presenting spurs adapted to be forced into the sole portion of the shoe and preventing slwing of the supporter, rivets positioned back from the ends of said



stiffening member for rigidly connecting the stiffening member with the leather body and leaving the spurred ends free, and a pad near the forward end of the said leather body for tilting the forward end of the said leather body for tilting the forward inner part of the foot when the supporter is in use.

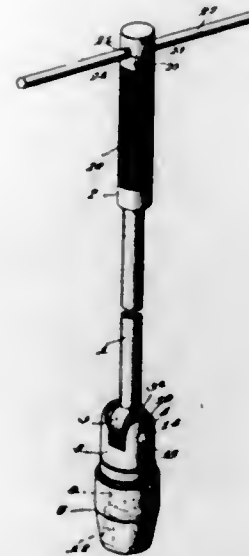
1,643,813. TOOL MECHANISM FOR GEAR-CUTTING MACHINES. MAGNUS H. JOHANSON, Rochester, N. Y., assignor to Gleason Works, Rochester, N. Y., a Corporation of New York. Filed Dec. 30, 1925. Serial No. 78,359. 18 Claims. (Cl. 90-9.)



1. The combination with a tool slide, of a clapper block pivotally mounted on said slide, a tool secured to said clapper block, means for reciprocating said slide, an oscillatable member, means including a pin carried by said oscillatable member and a block movable in a slot in said clapper block for operatively connecting said oscillatable member with said clapper block, and means operatively connected with said tool slide reciprocating means for oscillating said member, at determinate points in the tool movement, to move the clapper block about its pivot.

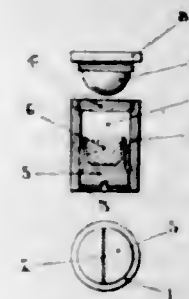
10. The combination with a reciprocatory tool slide, of a clapper block pivotally mounted on said slide, a tool secured to said clapper block, a reciprocatory member, means connecting said reciprocatory member with said clapper block for moving the clapper block on its pivot, a toggle secured to said reciprocatory member adapted to be engaged in a recess in said clapper block when said reciprocatory member reaches one limit of its movement to lock the clapper block in cutting position and means adapted to force the toggle member from locking position when the reciprocatory member starts to move in the opposite direction.

1,643,814. SOCKET WRENCH. JOHN N. PETERSON, Milwaukee, Oreg. Filed May 11, 1926. Serial No. 108,312. 4 Claims. (Cl. 81-177.)



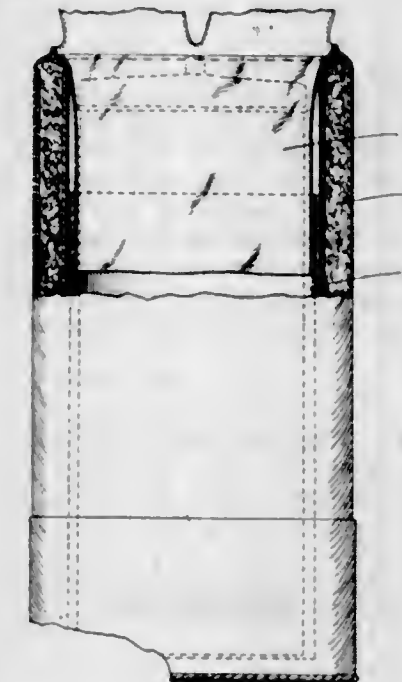
1. A socket wrench comprising a handle, a socket wrench head, pivotal means connecting said handle with said head, the axis of said pivotal means extending at right angles with the longitudinal axis of said handle, the handle having a transverse opening and said head having transverse openings adapted to register with the openings in said handle when the handle is axially aligned with said wrench head, an expansible spring disposed in said transverse opening in the handle, and a pair of ball-shaped latch members disposed in the opposite end portion of the transverse opening in said handle against the opposite ends of said spring and adapted to be moved by said spring to positions to protrude from the opposite ends of said transverse opening in the handle into the adjacent ends of the transverse openings in the head when said handle is axially aligned with said wrench head and to frictionally engage with the faces of said head when said handle is in angular relation to said wrench head.

1,643,815. BOX FOR SALVE OR CREAM. JOSEPH LESQUENDIEU, Paris, France, assignor to J. Lesquendieu Inc., New York, N. Y., a Corporation of New York. Filed Jan. 4, 1927. Serial No. 158,966, and in France June 16, 1926. 3 Claims. (Cl. 132-82.)



3. A box of the character described comprising a tubular member screw threaded at both ends, a plug screwed into one end of said tubular member, a cup adapted to contain salve, cream or the like formed integral with said plug, and a stopper adapted to be screwed into the other end of the tubular member, a spherical projection formed on said stopper, and a layer of pliant leather fitted over said projection, said plug having a diametrical groove for facilitating its turning in the screw thread.

1,643,816. ICELESS ICE-CREAM PACKER. HENRY A. LIDENBERG, Fergus Falls, Minn. Filed Apr. 21, 1925. Serial No. 24,814. Renewed Mar. 10, 1927. 2 Claims. (Cl. 150-52.)



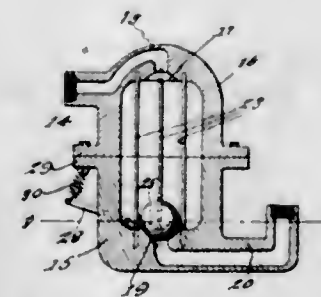
1. A device of the class described including, in combination, an insulating jacket, a metallic lining disposed in the jacket, and a fabric apron attached to the upper edge of the jacket and extending into the lining.

1,643,817. WEAVING. JAMES R. LISTER, Clinton, Mass., assignor to Roubaix Mills, Incorporated, New York, N. Y., a Corporation of New York. Filed Dec. 1, 1923. Serial No. 677,932. 12 Claims. (Cl. 139-403.)



1. The process of weaving a fabric which comprises wearing a ground fabric of tight warp threads and ground weft threads and interlocking a loose warp thread therewith, laying in a core pick over said ground warp threads and under the loose warp thread and causing said loose warp thread to be positioned over said core pick and one or more of the ground weft threads.

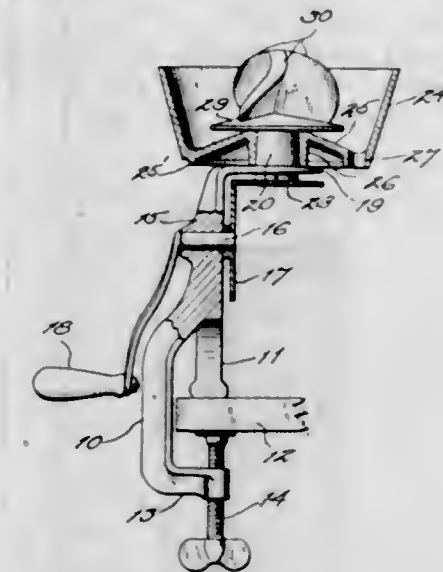
1,643,818. BALL-UNSEATING DEVICE IN LINE VALVES. ROBERT M. MANNING, Mexia, Tex. Filed Mar. 18, 1927. Serial No. 176,541. 2 Claims. (Cl. 251-134.)



2. A valve for the purpose set forth, including a two-part casing, the sections of which being flanged and connected together, said casing having inner top and bottom seats and having ports communicating with said seats, spaced rods surrounding the valve seats and let in the respective sections of the casing, a shaft journaled transversely in the lower casing section and having fingers

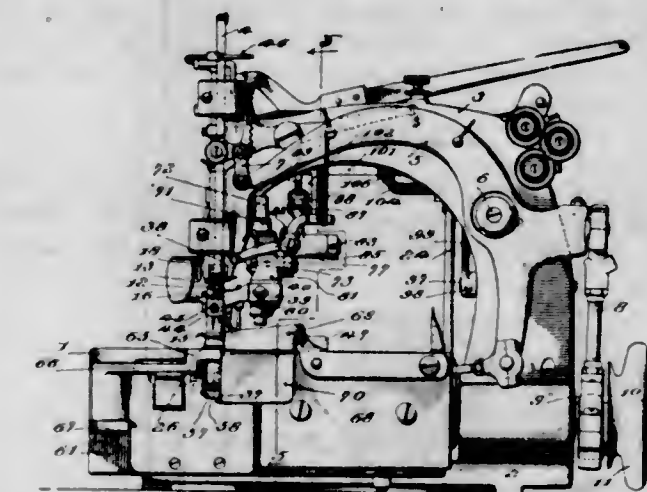
thereon disposed between certain of the rods and at the opposite sides of the lower valve seat, a packing box through which the shaft passes, a lever on the outer end of the shaft and a spring between the lever and the valve casing for normally influencing the lever to cause its fingers to rest on the lower wall of the casing and a spherical float valve guided between the rods.

1,643,819. JUICE EXTRACTOR. GEORGE F. MARSHALL and CHARLES W. VOGT, Tampa, Fla. Filed Feb. 25, 1925. Serial No. 11,592. 2 Claims. (Cl. 146-3.)



2. A juice extractor comprising a rotatable standard extended through a bearing, a pin extended through the standard and engageable with the adjacent end of the sleeve, a receptacle provided with a centrally raised bottom communicating with an opening therein, a sleeve depending from the receptacle bottom adjacent the opening and receiving said bearing, and a gouging member carried by the standard within the receptacle.

1,643,820. TRIMMING MECHANISM FOR SEWING MACHINES. JAMES R. MOFFATT, Chicago, Ill., assignor to Union Special Machine Company, Chicago, Ill., a Corporation of Illinois. Filed Aug. 18, 1924. Serial No. 732,709. 19 Claims. (Cl. 112-125.)

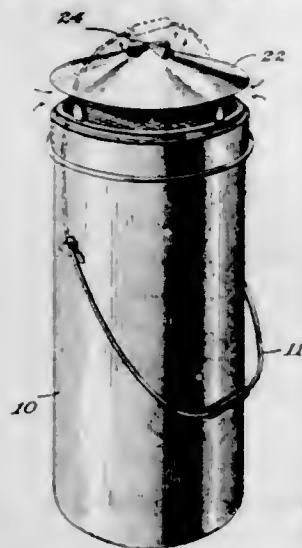


1. A trimming mechanism for sewing machines, including in combination, a work support, an overhanging arm, a rock shaft mounted on said overhanging arm, a movable trimming blade, a head on which said movable blade is mounted, a supporting bracket carried by said overhanging arm, a member mounted on said bracket and connected to said rock shaft whereby said member is vibrated, a lever connected to said reciprocating head, a latch carried by said lever and adapted to connect with said vibrating member on the bracket for reciprocating said head.

1,643,821. PROCESS OF DRYING MACARONI. ARTHUR W. QUIGGLE, Minneapolis, Minn., assignor to The Creamette Company, Minneapolis, Minn., a Corporation. Filed July 8, 1920, Serial No. 394,741. Renewed Dec. 2, 1926. 7 Claims. (Cl. 34-24.)

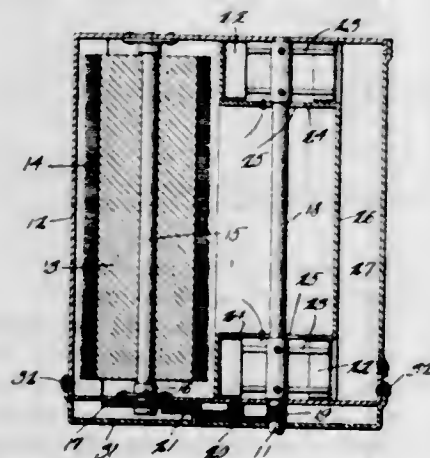
1. The process of drying macaroni which consists in forming the macaroni tubes with very thin walls, subjecting the macaroni to a current of air heated to a temperature of from 165° to 185° Fahrenheit, and continuously subjecting the material to such heated air until the entire moisture content of said material which it is desirable to remove has been drawn out.

1,643,822. CREAM-CAN AERATOR. ADELBERT W. R. SCHULTZ, Clarion, Iowa. Filed Apr. 8, 1927. Serial No. 182,161. 2 Claims. (Cl. 220-44.)



1. In a cream can aerator, an annular band constituting a base for the device and adapted to surround the mouth of a can, a flange projecting inwardly from the top edge of said band to engage the top edge of a can mouth and form a stop for the band, a rib extending upward from the inner periphery of the flange, a second flange extending inwardly from the upper edge of said rib, a foraminous screen fitted within said rib and bearing on the under side of the second flange, a retaining ring fitted within the rib below the screen and bearing against the periphery thereof, legs projecting upwardly from the second flange, a cap member supported on said legs and having its peripheral portion extending outwardly beyond the screen, and ventilator tubes struck up from the top central portion of the cap and having their outer ends wider than their inner ends.

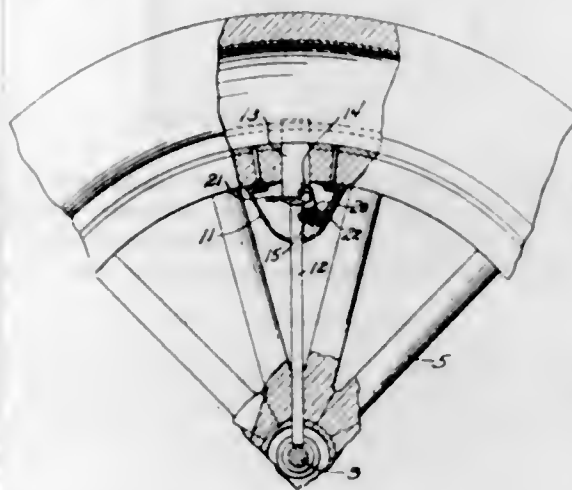
1,643,823. CLOTHES CLEANER. FRED SEVER and MAGNUS JOHNSON, Latouche, Territory of Alaska. Filed Feb. 11, 1925. Serial No. 8,496. 1 Claim. (Cl. 15-7.)



In a clothes cleaner, a casing, a rotatable shaft mounted in bearings on opposite sides of the casing, a cylindrical brush carried by the shaft, the said brush at its lower

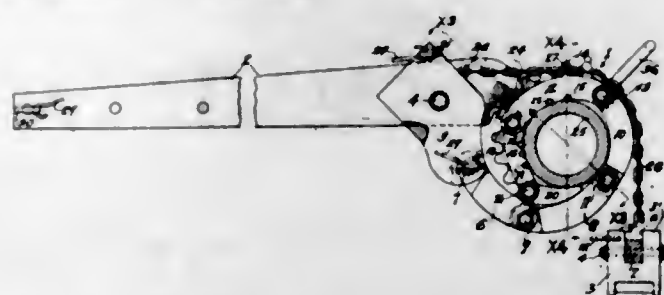
portion projecting through an opening at one end of the casing, a second rotatable shaft arranged parallel to the other shaft and also arranged to rotate simultaneously with the said other shaft, a fan at each end of the second shaft, a partition having enlarged holes for the second shaft, said partition partially inclosing the fans, thereby forming a fan chamber at each side of the casing and also forming with the casing a narrow compartment at the end farthest from the brush, the parts surrounding the fans having openings leading into the narrow compartment, baffle plates extending above the last mentioned openings and projecting into said compartment, whereby air is drawn through the enlarged holes around the second shaft into the fan chambers and exhausted into the narrow compartment, and a screen covering an opening in the casing communicating with the narrow compartment.

1,643,824. TIRE-LOCKING DEVICE. ILES VOIGHT SHUPE, Northfork, W. Va. Filed Apr. 22, 1925, Serial No. 25,103. Renewed June 10, 1927. 2 Claims. (Cl. 70-90.)



1. The combination with a vehicle wheel and a pneumatic tire casing mounted thereon, of a casing carried by the felly of said wheel, a pair of plates fixed to the tire beads and passing through the felly, rotatable key actuated means including sleeves journaled in the casing, parallel arms on one of said sleeves, a pin carried by the parallel arms and normally engaged with said plates, a pinion fixed to rotate with the key actuated means, a longitudinally movable lock member passing through the casing and having one end adapted to operatively engage a groove in the axle of the wheel, a spring normally holding the pin into engagement with the notches, a U-shaped member carried by the other of said sleeves for rotation therewith, a spring held detent arranged in the path of the U-shaped member to be engaged thereby to hold the same away from the pinion, and the pinion being rotatable by the key actuated means whereby to move the latch element to operative or inoperative position.

1,643,825. CHAIN WRENCH. CARL J. REWETT, Los Angeles, Calif. Filed Feb. 16, 1924. Serial No. 693,230. 3 Claims. (Cl. 81-66.)



1. The wrench set forth comprising a leverage lifting beam having gear teeth on its fulcrumed end; and a gripping member adapted to grip a well casing, said mem-

ber comprising a connecting block having arms straddling said beam and being connected thereto; links pivotally connected together and to said block; gear segments pivotally connected together and to said links and being provided on their inner surfaces with teeth to engage said casing and on their outer surfaces with gear teeth adapted to be engaged by the teeth on said beam; and a toe at the free end of said gear segments adapted to be wedged between said links and well casing.

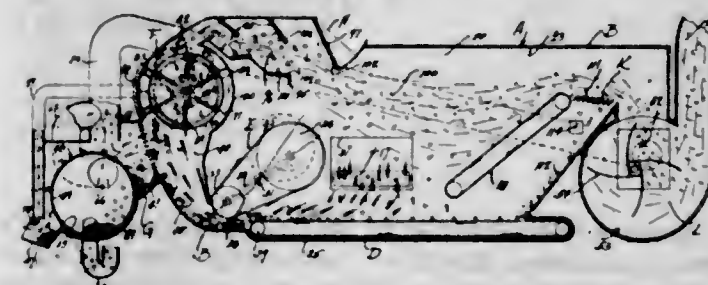
1,643,826. PROCESS FOR MAKING PAPER PULP. RENTRAND S. SUMMERS, Port Huron, Mich. Filed Dec. 22, 1923. Serial No. 682,309. 11 Claims. (Cl. 92-9.)

1. An acid process for digesting vegetable fiber which consists in treating the fiber with an acid digesting liquor containing phosphoric acid.

2. A process of pulping vegetable fiber which consists in digesting the same with bi-sulfite liquor containing phosphoric acid.

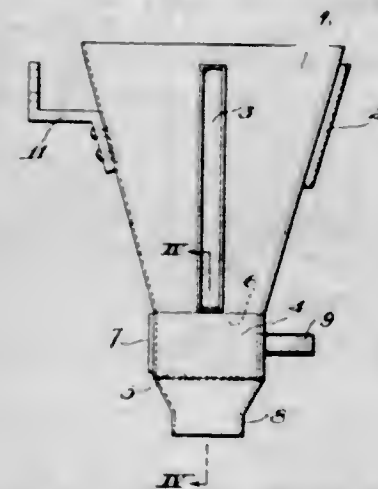
8. A process for making paper pulp which consists in digesting it in a liquor containing a digesting agent and phosphoric acid, bringing the spent liquor into intimate contact with lime, separating the precipitated phosphate of lime from the liquor and recovering phosphoric acid therefrom.

1,643,827. METHOD AND MACHINE FOR THRASHING GRAIN, ETC. JULIUS J. TRUEB, Brewster, Ohio. Filed Feb. 16, 1925, Serial No. 9,601. Renewed June 6, 1927. 20 Claims. (Cl. 130-27.)



2. That process of thrashing grain which consists in sifting an unthrashed mass of grain, forcing a blast of air through the mass of grain and grid to carry loosened kernels, chaff, dust, and foreign materials from the unthrashed grain, thrashing the unthrashed mass of grain to loosen the kernels from the straw and chaff thereof, separating the kernels last mentioned from the straw and chaff, and cleaning and segregating the straw and chaff from the kernels which have been sifted as first mentioned.

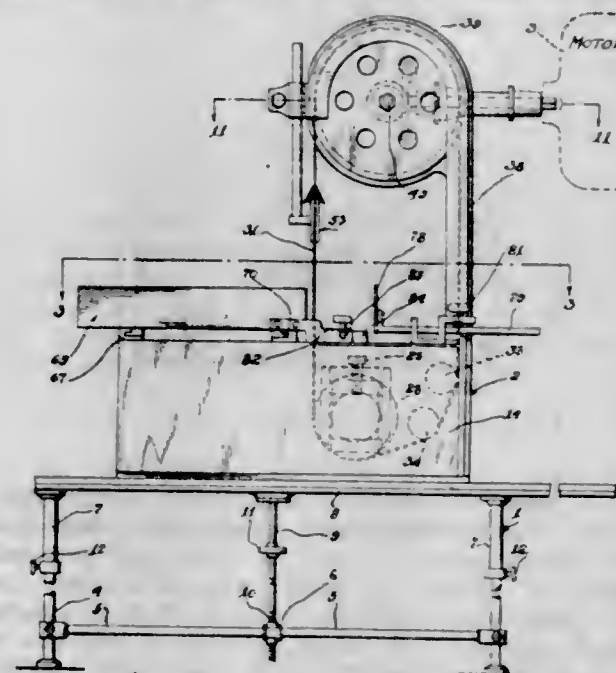
1,643,828. SOAP-MEASURING DEVICE. JAMES P. YOUNG, Pittsburgh, Pa. Filed Feb. 1, 1926. Serial No. 85,100. 1 Claim. (Cl. 221-106.)



A device for dispensing granular soap to laundry machines, comprising a hopper having downwardly converging walls, a transparent member fitted into the wall of

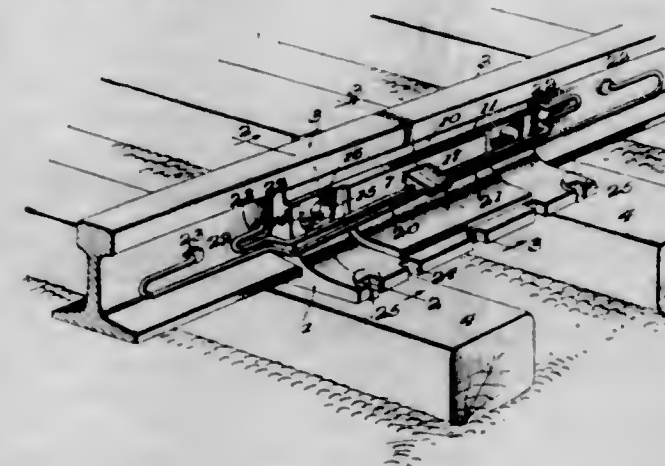
the hopper for permitting observation of the contents, a circular shell member fitted to the lower end of the hopper and having upper and lower openings therethrough, a delivery spout leading from the circular shell member and adapted to deliver soap passing therethrough to the laundry machine, a hollow cylindrical member mounted in the said shell having both ends closed and a single longitudinal opening therein, a transparent member fitted into one end of the inner cylindrical member, a handle attached to the other end of the inner cylindrical member, the said shell surrounding the opposite segmental portions of the cylindrical member, the opening in the inner cylindrical member being of substantially the same size as the openings from the hopper into the shell and from the said shell into the delivery spout.

1,643,829. MEAT CUTTER. CARL BIRO, Marblehead, Ohio. Filed July 8, 1924. Serial No. 724,848. 2 Claims. (Cl. 143-17.)



1. In a meat cutting machine, means for supporting a slidable saw supporting frame, comprising a supporting stand including legs, sleeves vertically slidable on said legs, braces connecting the legs and carrying a stationary nut, a top secured on said sleeves, a rod connected to said top and threaded into said nut, and tracks supported by the top.

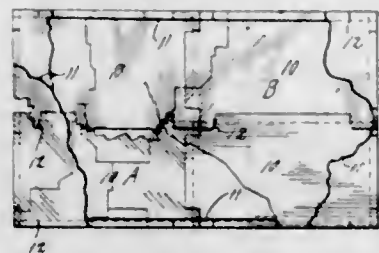
1,643,830. RAIL JOINT. WILLIAM H. BOWLES, Meadow Creek, W. Va., assignor of one-third to W. H. Bowles and Sons, a Partnership, one-third to Marshall Bowles, and one-third to R. G. Nunley, Meadow Creek, W. Va. Filed May 11, 1926. Serial No. 108,337. 1 Claim. (Cl. 238-205.)



In a bond protecting rail joint, a base adapted to extend underneath adjacent end portions of two adjacent aligned rails and adapted to be fastened to ties, a pair

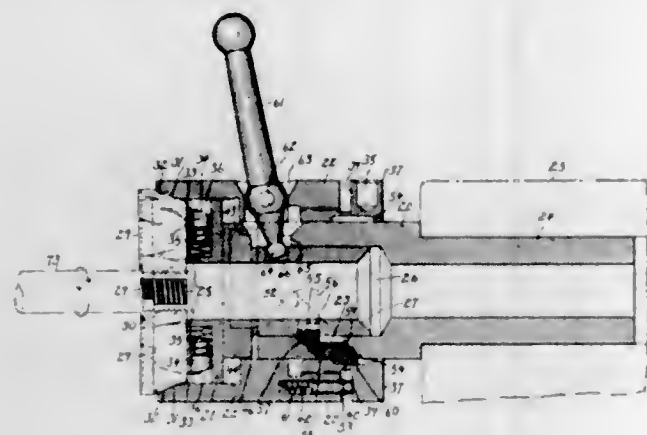
of retaining members integral with said base and extending longitudinally on the base against opposite faces of the adjacent end portions of said rails, said retaining members having aligned transverse openings, concave inner faces, shoulders on the upper portions of the outer faces and concave slopes below said shoulders, a plurality of pockets open at their top edges around the transverse openings in the joint, a raised middle portion of the sloping outer sides, eave pieces extending therefrom, said pieces being channeled on their under sides, pins extending through the transverse opening of the joint and those of the rails, retaining means on the ends of said pins, adapted to hold one or more electrical bond wires extending from the end of one rail to the end of the other rail by means of channels under the said eave pieces.

1,643,831. MAP CONSTRUCTION. CLIFFORD BOWMAN, Spencer, Iowa. Filed Nov. 4, 1925. Serial No. 66,790. 2 Claims. (Cl. 35-6.)



1. A map construction comprising a plurality of sections, each section having printed map data thereon, said sections having notches in their sides and ends to permit two sections to interfit with each other, end to end or side to side with the bottoms of their interfitting notches engaging each other, portions of said two interfitting sections overlapping each other, said overlapping portions having identical data thereon whereby the map will be complete whether the overlapping portion of one or the other of the two interfitting sections is above or below its interfitting overlapping portion.

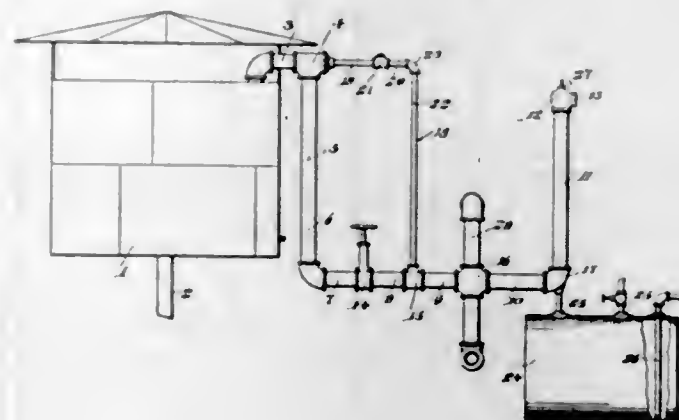
1,643,832. NONROTARY SELF-OPENING DIE HEAD. ALBERT F. BREITENSTEIN and ERWALD A. BARTEIT, New Haven, Conn., assignors to The Geometric Tool Co., New Haven, Conn., a Corporation. Filed Jan. 26, 1926. Serial No. 53,780. 13 Claims. (Cl. 10-95.)



5. A non-rotary, self-opening die-head, having a mounting-member provided with a slot inclined with respect to its axis, a chaser-carrying member carried thereby, chasers

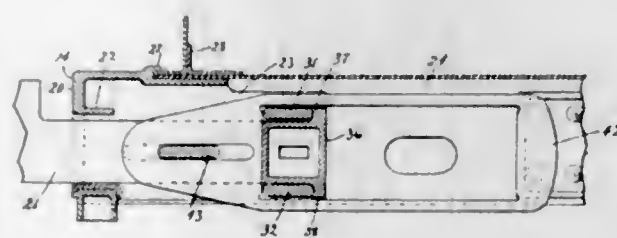
mounted therein, a chaser-operating member mounted upon the said mounting-member, and adjusting-ring carried by the chaser-operating member at the rear end thereof, and riding upon the said mounting-member, and a locking-member for the said chaser-operating member, located in the said inclined slot, positioned between the said chaser-carrying and chaser-operating members, and bodily moved in the inclined plane of the said slot by the relative movement between the said mounting-member and the said chaser-carrying member, the said chaser-carrying and operating-members having relative, rectilinear movement with respect to each other and with respect to the mounting-member, and the said locking-member being moved for unlocking the die-head as the result of the forward draft imposed upon the chasers by the work.

1,643,833. ATTACHMENT FOR OIL TANKS. JOSEPH A. BUTCHER, Lake Charles, La. Filed May 29, 1926. Serial No. 112,671. 3 Claims. (Cl. 220-85.)



1. An attachment for oil storage tanks comprising a gas accumulating discharge line leading from the upper portion of the tank and including a vertically disposed branch depending below the bottom of the tank and an angularly disposed branch positioned below the bottom of the tank and terminating in a vertically disposed stand pipe having a safety valve at its upper end, a cut-off arranged in said angularly disposed branch intermediate the ends thereof, a valve controlled vent line leading from a point in proximity to the tank and opening into said discharge line forwardly of said cut-off, and a condensate collector communicating at its top with said discharge line forwardly of said cut-off, and means for discharging the condensates from said collector.

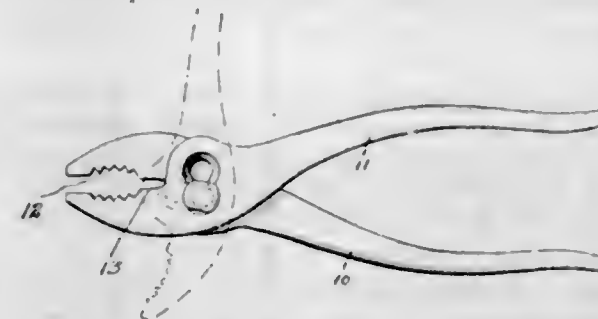
1,643,834. RAILWAY CAR. LEWIS T. CANFIELD, Chicago, Ill., assignor to Union Draft Gear Company, Chicago, Ill., a Corporation of Delaware. Filed Aug. 3, 1925. Serial No. 47,686. 9 Claims. (Cl. 213-50.)



1. A buffing casting for railway cars, such casting being apertured to form a throat for a draw-bar and having backwardly extending apertured side plates adapted to fit against the draft sills of a car, such sills being

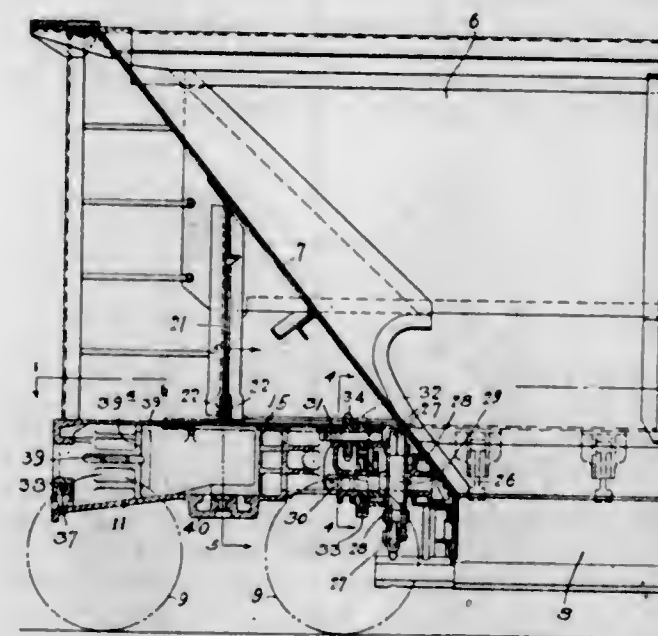
provided with apertures registering with the side plate apertures, and keys adapted to pass through the apertures of the plates and the draft sills.

1,643,835. TOOL. GUSTAVE O. CARLSON, Wethersfield, Conn., assignor of one-third to Henry Hanson, Middletown, Conn., and one-third to Carl O. Hedstrom, Portland, Conn. Filed Dec. 18, 1925. Serial No. 76,235. 5 Claims. (Cl. 294-44.)



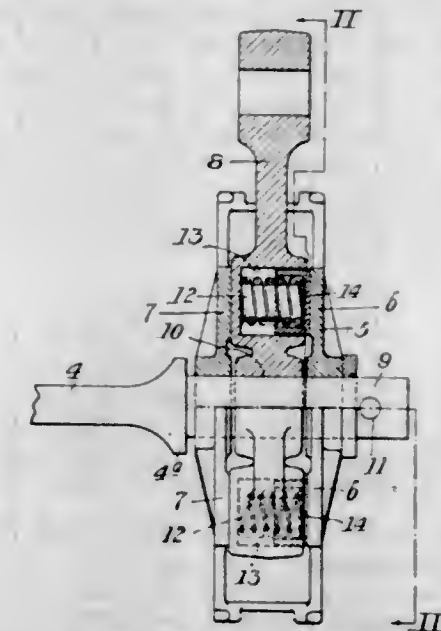
1. In a tool of the character described; a pair of jaw members, one of which has a plurality of connected semi-circular openings therethrough, which openings terminate at one end at a bevel face that extends therearound and intersect each other at a face of the jaw member, the space between the oppositely disposed intersecting points being less than that of the diameter of the openings; a pin fixed in one member projecting through the openings in the other member and having a head thereon with a bevel underface that projects over and contacts with the bevel faces surrounding the openings.

1,643,836. CAR CONSTRUCTION. ANDREW CHRISTIANSON, Butler, Pa., assignor to Standard Steel Car Company, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed July 6, 1925. Serial No. 41,511. 4 Claims. (Cl. 105-250.)



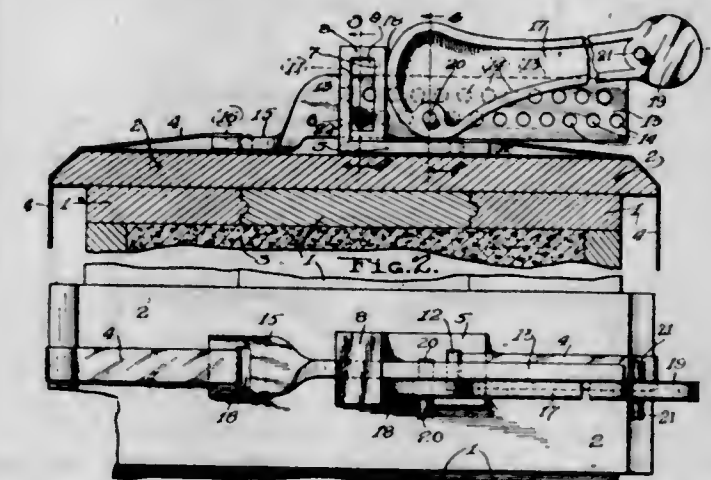
1. The combination with a railway car, provided with an end sheet that is inclined downwardly and backwardly from one end of the car, of draft sill structure extending backwardly from the said end of the car and having a longitudinal recess for the reception of a coupler shank, and a center plate device on the underside of said sill structure, beneath the space occupied by said shank.

1,643,837. BRAKE STRUCTURE. ARNOLD CHRISTIANSON and CHRISTIAN CHRISTIANSON, Hammond, Ind. Filed Sept. 2, 1926. Serial No. 133,146. 7 Claims. (Cl. 188-230.)



1. The combination with a brake beam and a hanger therefor, of a brake head having pivotal connection with said beam and said hanger, and means for yieldably holding said head against pivotal movement relative to the hanger, the said head being so supported on the beam as to have floating movement axially thereof.

1,643,838. CONCRETE-COLUMN CLAMP. EMMETT T. CORBIN, Hamilton, Ohio. Filed Nov. 17, 1926. Serial No. 148,908. 10 Claims. (Cl. 144-291.)

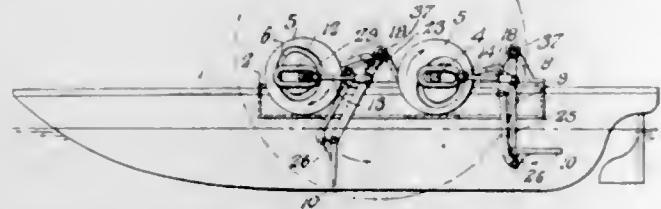


1. In a concrete column clamp, a pair of lapping clamping members constructed for temporary attachment of the ends of a band and a cam lever detachably connected to one clamping member and engaged with the other clamping member at the lapping parts to cause separating movements of the lever engaged parts of the members and movements of the band ends toward each other.

1,643,839. TUGBOAT MOVED BY MEANS OF TWO-LIMBED OARS. ADOLF EHRLICH, Budapest, Hungary. Filed June 11, 1926. Serial No. 115,277. 4 Claims. (Cl. 115-28.)

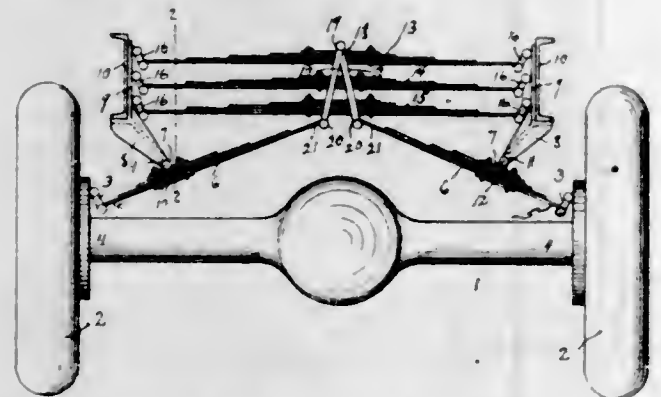
1. In a tugboat moved by means of two limbed oars the combination of a power engine, the transversely directed main shaft of said engine extending on both sides beyond the deck and rotating in bearings on a lateral frame, a cam disc keyed on each extending part of said mainshaft, a curved groove on each side face of said disc, an elevated transverse stationary shaft supported by pliers resting on said side frame behind each cam disc,

a hinged oar, consisting of a frame shaped handle and a plain paddle linked thereto, suspended on each elevated stationary shaft, a horizontally moving driving rod linked to said handle of the suspended oar, a pin projecting from said driving rod opposite the external face of the cam disc and engaging with the groove on said face of the disc, the side walls of said external groove forming involutes of a circle, the part of the driving rod extending beyond the projecting pin enlarged and provided with a slot, thereby embracing the main shaft of the power engine; a bell crank lever rocking on the handle of the oar opposite the respective cam disc, the rear end of a connecting rod linked to the upper arm of



said bell crank lever, a pin projecting from said connecting rod and engaging with the groove formed on the internal face of the cam disc, the part of said connecting rod extending beyond the projecting pin enlarged and provided with a slot embracing the main shaft of the power engine, a link rod hingedly connecting the lower arm of said bell crank lever with a projection of the paddle; the groove on the internal face of the rotating disc thus formed that the link rod engaging therewith sets the paddle of the oar at right angles to the handle during the forward swinging of the entire oar, and sets the paddle again in a line with the handle during the backward swinging of the oar.

1,643,840. MULTIPLE SPRING. JOHN W. FRY, Struthers, Ohio. Filed June 30, 1926. Serial No. 119,651. 4 Claims. (Cl. 267-36.)

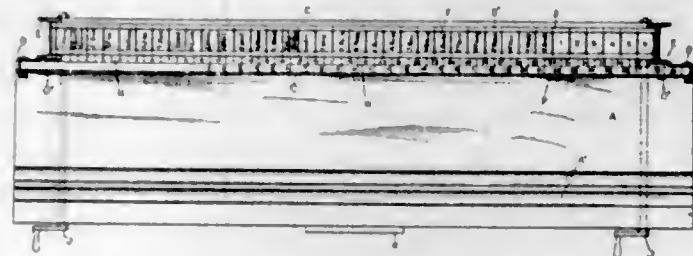


1. In a device of the class described, two inclined springs the lower ends of which are supported by means of shackles attached to an ordinary axle, downwardly intumed supports supporting a frame of a vehicle and pivotally mounted upon an upper surface of said inclined springs, a plurality of horizontal springs spaced apart and shackled between said frame, two shackles pivotally secured to the upper horizontal spring at a central point, lower ends of said shackles pivotally secured to upper ends of said inclined springs for the purport of allowing for vibration of said upper horizontal spring or for the purpose of bending the upper horizontal spring so as to come in contact with a lower spring and this lower spring in contact with a still lower spring when carrying a heavy load.

1,643,841. MEANS FOR AIDING THE SORTING OF DOCUMENTS. JAMES H. FULLER, Columbus, Ohio. Filed Nov. 23, 1925. Serial No. 71,026. 2 Claims. (Cl. 45-4.)

1. Means for facilitating the sorting of documents originating from various persons comprising in combination an elongated table for primarily depositing the docu-

ments, a rail extending longitudinally of the table carrying the names of such persons, said names being regularly spaced from each other, a regular series of similarly spaced numbers paralleling said names, and a second series of similarly spaced numbers paralleling said first



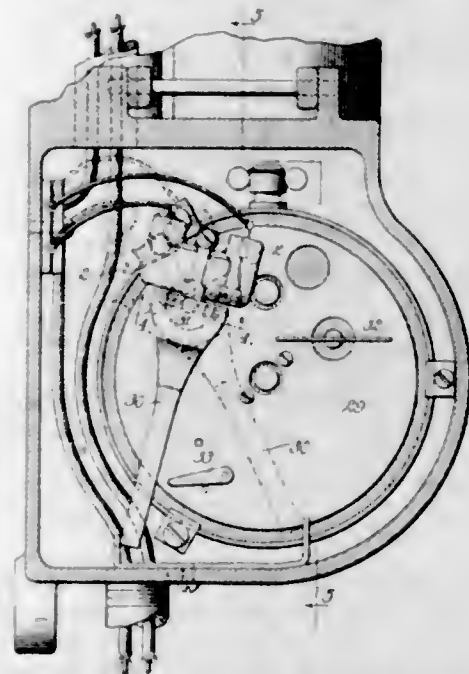
named series the numbers thereof being in non-coinciding relation to the first series of numbers whereby documents deposited on said table aligning with said names are grouped in distinguishable piles readily separable in substantially the manner described.

1,643,842. COMMUTATOR BRUSH. EDGAR B. GILL- LAND, Kansas City, Mo., assignor of one-fourth to Joseph McSweeney, Council Bluffs, Iowa. Filed Nov. 19, 1924. Serial No. 750,931. 3 Claims. (Cl. 200-27.)



2. A commutator brush including a sleeve having oppositely directed arms extending therefrom, a spring secured at one end upon one of said arms and having its free end portion guided by the other of said arms, and a contact shoe having a slot seating the free end of the spring and provided with a stud extending through the spring connecting the shoe therewith and locking the shoe against turning movement.

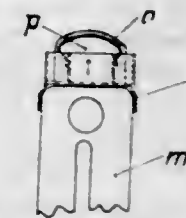
1,643,843. ALARM-CLOCK SWITCH. JULIAN G. GOOD- RUE, Evanston, and HERBERT J. SAUVAGE, Chicago, Ill., assignors to Electro Thermostatic Control Company, Chicago, Ill., a Common Law Trust. Filed Jan. 3, 1925. Serial No. 355. 1 Claim. (Cl. 200-35.)



In combination, a device of the class described, an alarm clock having an alarm winding stem which rotates when the alarm is released for unwinding, a mercury

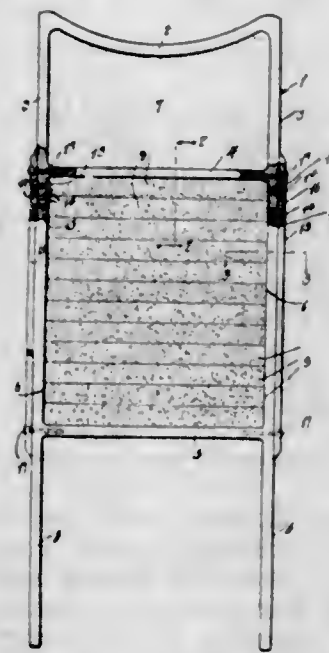
bulb control switch mounted on said stem, and stops for limiting the rotation of said stem to an arc sufficient to tilt said bulb switch from "on" to "off" position.

1,643,844. AIR MOISTENER. CARL GRAB, Ludwigs- hafen-on-the-Rhine, Germany. Filed Sept. 28, 1925. Serial No. 59,154, and in Germany Sept. 20, 1924. 3 Claims. (Cl. 237-78.)



1. An air moistener for heating appliances of the radiator type, comprising a casing of substantially rectangular form, having a central vertical air flue open at top and bottom, and a water reservoir located outside of said flue, a sheet of absorbent material arranged above and over said flue and having its ends depending into the reservoir, a series of arched supports for said absorbent material, attached to said casing, and forming with said sheet a horizontal air channel open at its ends, above the casing, said casing being adapted to rest on the heating appliance, and provided with clamping means for attachment thereto.

1,643,845. WASHBOARD. DELLE GREENE, Pittsburgh, Pa. Filed Sept. 22, 1926. Serial No. 137,042. 1 Claim. (Cl. 68-29.)

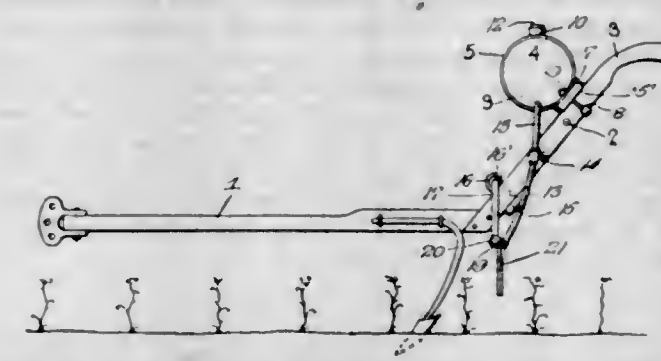


A washboard, comprising a frame, a series of brushes secured transversely in the frame, each of said brushes having a core of strands of wire twisted on one another, brush bristles engaged between said twisted strands, the ends of said strands secured through openings in the sides of the frame, the projecting ends of said strands being bent to engage the outer sides of the frame, and grooved strips secured to the frame and enclosing said projected ends.

1,643,846. SPRAYING ATTACHMENT FOR PLOWS. JAMES S. HALE, Barnesville, Ga. Filed Mar. 24, 1924. Serial No. 701,549. 1 Claim. (Cl. 299-30.)

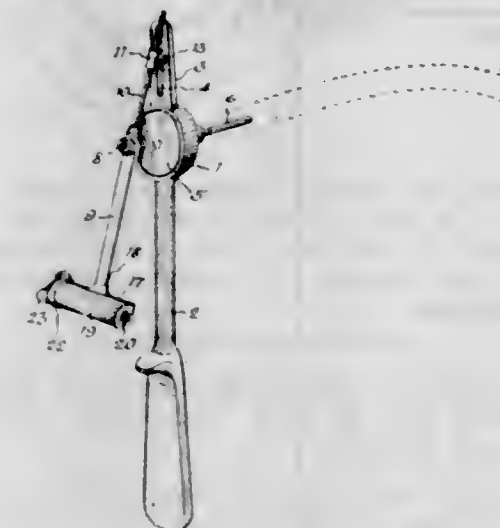
An attachment for plows, for the purpose set forth, comprising a receptacle, means for adjustably securing the receptacle on the handles of a plow, a tube having notched ends fixed on the handle below the receptacle, a crank member having its central portion journaled in the

tube and its angle arms received in the notched ends of said tube, and whereby the swinging of the crank member is limited by the contact thereof with the shoulders provided by the notches, a laterally extending fabric wiper



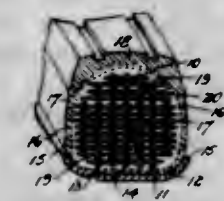
fixed on and extending outwardly from the ends of the crank member, and valve controlled flexible tubes communicating with the tank and with the wiper members and said tubes normally holding the wiper and crank members in one position.

1,643,847. DENTAL AMALGAMATOR. OTTO F. HAL- LUM and ALBERT SLETTEN, Minneapolis, Minn. Filed Sept. 25, 1925, Serial No. 58,614. Renewed Mar. 4, 1927. 3 Claims. (Cl. 259-72.)



1. A dental amalgamator, including a cylindrical casing, a crank disk mounted to turn in the casing, a shaft operatively connected to the disk and adapted to be operatively connected to a source of power, a rocker lever connected to the crank disk, a counterbalanced arm depending from the casing, a slotted lever extending upwardly from the casing, means mounted to move longitudinally in the slot and having swivel connection with the upper end of the rocker lever, and means at the lower end of the rocker lever for supporting a container.

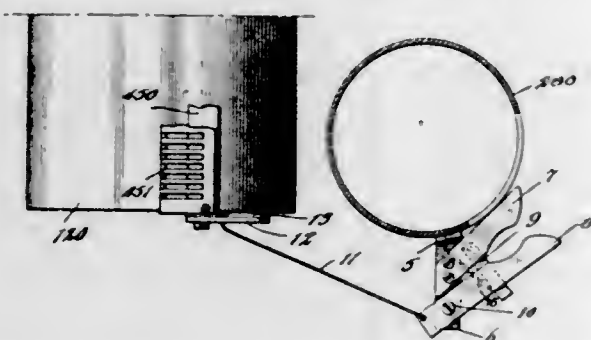
1,643,848. TIRE FOR MOTOR VEHICLES AND THE LIKE AND METHOD OF MANUFACTURING SAME. ERNEST HUBBERT, Goulburn, New South Wales, Australia. Filed Sept. 19, 1924, Serial No. 738,639, and in New Zealand Apr. 16, 1924. 1 Claim. (Cl. 154-15.)



The method of manufacturing a tire for motor vehicles and the like consisting in coating the inside of a wheel rim with unvulcanized vulcanite to form a foundation,

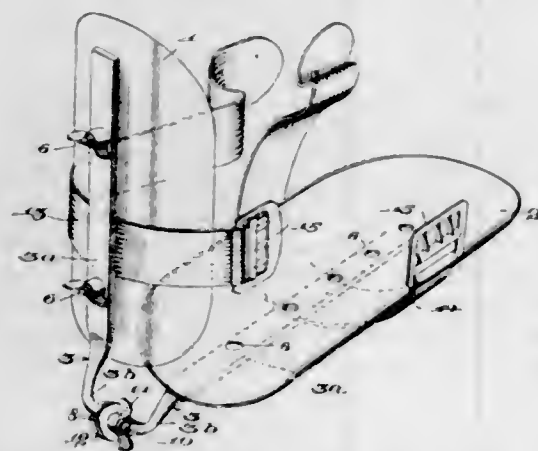
laying transverse strips of fabric thereon, and allowing the ends of said strips to lap over the edges of the rim, winding a strip of semi-vulcanized cell band over the fabric longitudinally of the wheel rim to form a complete circle, winding second and subsequent strips of cell bands also longitudinally of the wheel rim and one upon another concentrically and arranging the same so that the air cells are disposed in staggered relationship in each band with respect to the adjacent bands until the required size of core is obtained, filling any interstices in the core with a thick solution, folding the ends of the fabric over such wound cell bands, binding the outer rubber casing and tread in position and then placing the whole tire in a mould and vulcanizing same.

1,643,849. RIBBED-TOP-HOLDING-DOWN ATTACHMENT FOR KNITTING MACHINES. WILLIAM A. HUGHES, East Chattanooga, Tenn., assignor to Scott & Williams, Incorporated, New York, N. Y., a Corporation of Massachusetts. Filed Feb. 12, 1926. Serial No. 87,872. 5 Claims. (Cl. 66-149.)



5. In a circular knitting machine, a revolving needle cylinder, and a fabric holding down clamp on a non-revoluble part, in combination with a revolving element, and means operated from said revolving element adapted to open said clamp.

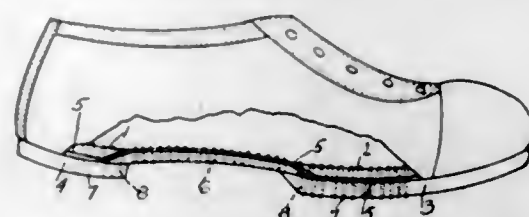
1,643,850. SPLINT. ARTHUR WILLIAM JONES, Randolph, Wis. Filed Aug. 2, 1926. Serial No. 126,528. 1 Claim. (Cl. 128-88.)



A splint comprising a pair of supporting plates, a hinge comprising a pair of elongated members having substantially flat attaching portions extending from the outer ends of said hinge members for the greater part of the length of said hinge members, and means adjustably and detachably connecting said plates with said attaching portions of said hinge members in respect to longitudinal relation, the remaining portions of said hinge members being curved longitudinally substantially along the arc of a circle and having their extremities enlarged and flattened in planes at right angles with the planes of said substantially flat elongated attaching portions of the hinge members, said enlarged end portions of the hinge members having sockets in their adjacent faces, each adapted to receive the enlarged end portion of the other hinge member, said enlarged end portions of the hinge

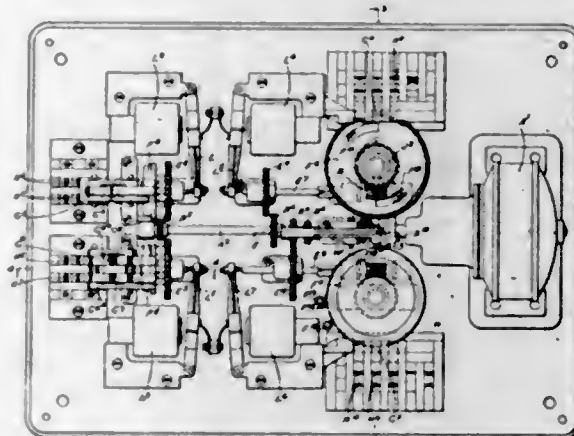
members having aligned central openings, a bolt extending through said aligned openings, a thumb nut engageable with said bolt, said enlarged end portions of the hinge members having radial teeth on their adjacent faces adapted to mesh with each other when said thumb nut has been tightened.

1,643,851. SHOE. LESLIE B. JOSEPH, Cincinnati, Ohio, assignor to The P. Goldsmith Sons Company, Cincinnati, Ohio, a Corporation of Ohio. Filed Nov. 12, 1925. Serial No. 68,690. 4 Claims. (Cl. 36-19.)



1. A shoe comprising an insole with the upper lasted to the insole on the outside of said insole at the outer edges thereof and on the inside of the insole along the edges of the shank, and transverse slits in said insole adjacent the shank, the upper extending through said slits from one surface of the insole to the other.

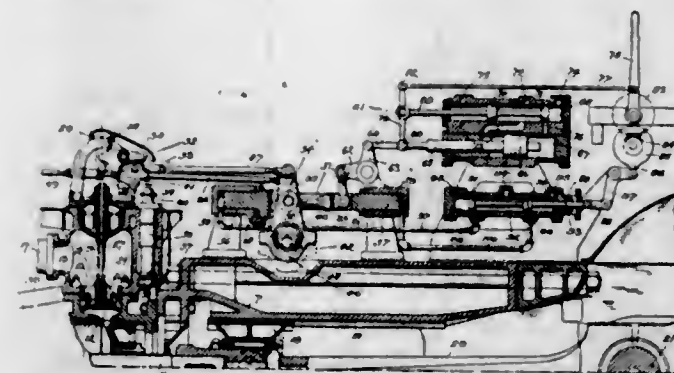
1,643,852. ELECTRIC TIME-ELEMENT DEVICE. FREDERICK NORMAN LINSTOW, Hebburn-on-Tyne, England, assignor to A. Reyrolle & Company Limited, Hebburn-on-Tyne, England, a British Company. Filed Apr. 12, 1924. Serial No. 706,104, and in Great Britain May 5, 1923. 14 Claims. (Cl. 200-90.)



1. In a multiple electric time-element device, the combination of a single driving member, means for rotating this member at a slow and uniform speed, a plurality of separate and dissimilar time-element contact-operating devices, an operative driving connection for each device suited to the particular time characteristics of the device, and a plurality of separate and independently actuated mechanisms respectively adapted to bring the driving connections into or out of operative engagement with the single driving member.

14. In a multiple electric time-element device, the combination of a single driving member, means for rotating this member at a slow and uniform speed, a plurality of separate and dissimilar time-element contact-operating devices, an operative driving connection for each device to the particular time characteristics of the device, and a plurality of separate and independently actuated controlling mechanisms respectively adapted to bring the driving connections into or out of operative engagement with the driving member, the operative driving connection for at least one of the devices including reversing gearing comprising two pinions driven in opposite directions by the driving member and a gear wheel which is moved by the controlling mechanism into operative engagement with one or the other of the two pinions.

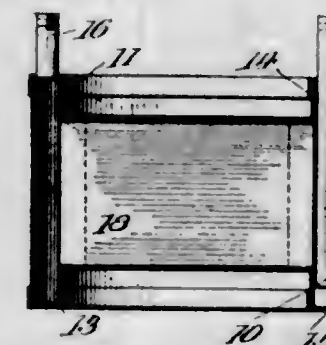
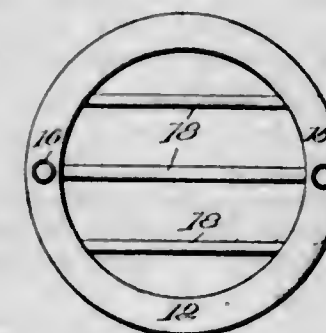
1,643,853. VALVE GEAR FOR STEAM ENGINES. BRUNO V. NORDBERG, deceased, Milwaukee, Wis., by Helena C. Nordberg, executrix, Milwaukee, Wis. Filed May 21, 1925. Serial No. 31,956. 10 Claims. (Cl. 121-136.)



1. The combination of a reciprocating engine having a reversing inlet valve linkage normally characterized by the existence of lead in all settings; and automatic modifying means operable to neutralize such lead in mid-gear position.

10. The combination of a reciprocating engine having a reversing inlet valve gear of the Marshall type, including a radius bar and a guiding quadrant for said radius bar of equal radius therewith; a member for supporting said quadrant shiftable in an inlet valve closing direction; a servo-motor for adjusting the relation of the quadrant and radius bar; a servo-motor for positioning said shifting member; and a control member common to said two servo-motors and connected to actuate them in such relation that said shiftable member is shifted to valve-closing position when, and only when, said bar and quadrant are substantially in mid-gear relation.

1,643,854. WATER HEATER. WILLIAM E. O'BRIEN, Swanton, Vt. Filed Feb. 24, 1923. Serial No. 620,930. 1 Claim. (Cl. 122-165.)



A heater of the character described comprising a casing provided with annularly spaced inner and outer walls, annular top and bottom members of U-shape in cross section so as to provide flanges engaging the inner surface of the inner wall and the outer surface of the outer wall, respectively, to hold said walls in spaced relation to provide a circular water chamber, a series of narrow, straight-walled parallel water chambers

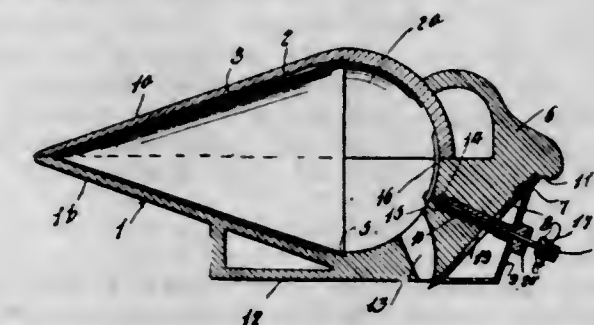
extending diametrically across the space surrounded by said inner wall and attached thereto, said straight chambers opening at their ends into said circular chamber and having their top and bottom edges equally spaced inwardly from the top and bottom members respectively, a water inlet pipe extending through the top member and having its discharge end contiguous to the bottom member, and an outlet leading from the upper end of said circular chamber through said top member, said inlet and outlet being located diametrically opposite to each other and in line with the planes of the respective open ends of said straight chambers.

1,643,855. SOCKET WRENCH. JOHN N. PETERSON, Milwaukee, Wis. Filed Aug. 21, 1925. Serial No. 51,660. 1 Claim. (Cl. 81-121.)



A wrench comprising a shank having spaced ears at one end, a block pivotally mounted on the ears, a socket head having a pair of ears pivotally connected with the block, a sleeve slidably mounted on the shank adapted to embrace both pairs of ears and lock the socket head against movement, said sleeve adapted to be moved away from the ears to permit movement of the socket head in a plurality of directions, a removable head carried by the other end of the shank and provided with a transverse passage, a handle slidably mounted in the passage, and a spring pressed ball engaging the handle to prevent displacement of the handle from the head, and a second and long sleeve mounted on the shank above the first named sleeve and prevented from displacement from said shank by the handle head, said last named sleeve adapted to serve as a hand hold when the socket head is applied in various angular positions.

1,643,856. SANITARY ICE SHAVER. ALBERTO R. ROMERO, Tucson, Ariz. Filed Aug. 5, 1926. Serial No. 127,331. 10 Claims. (Cl. 83-62.)



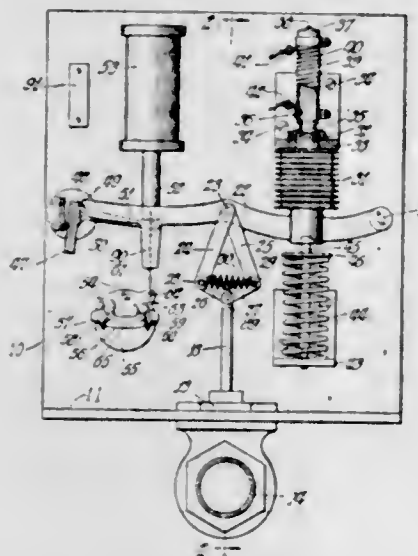
1. An ice shaver comprising a hollow body adapted to receive and completely enclose a cup, and a bit secured to the body, said body being provided with a passage adapted to convey the ice shaved by the bit into the cup.

1,643,857. COMBINATION DISH MOP AND SCRAPER. ABRAHAM SACKS, Brooklyn, N. Y. Filed July 15, 1926. Serial No. 122,639. 1 Claim. (Cl. 15-147.)



As a new article of manufacture, a combined mop and scraper, comprising a handle, a bunch of mop strands secured around the handle near one end thereof, scraping material secured in a twisted holder and surrounding that portion of the mop strands located around the handle.

1,643,858. THERMOSTATIC CONTROL. HERBERT J. SAUVAGE, Chicago, Ill., assignor to trustees of The Electro Thermostatic Control Company, a Trust Estate, Chicago, Ill. Filed Jan. 7, 1924. Serial No. 684,858. 6 Claims. (Cl. 236-68.)

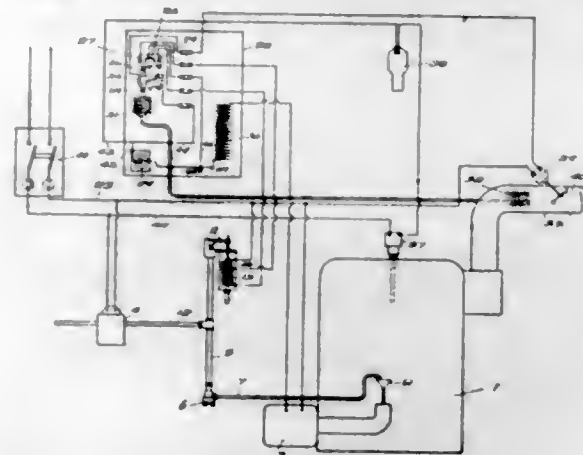


1. In controlling mechanism for gas furnaces, a valve, an igniter element, a solenoid having a winding, contacts controlled by said solenoid, a coil, a remotely positioned thermostat, a circuit controlled by said thermostat including said winding, a circuit controlled by said solenoid contacts including said igniter and coil, an arm actuated by said coil, and means associated with said arm for opening said valve and said solenoid contacts.

1,643,859. CONTROL FOR FLUID-FUEL FURNACES. HERBERT J. SAUVAGE, Chicago, Ill., assignor to Electro Thermostatic Control Company, Chicago, Ill., a Common-Law Trust. Filed Nov. 9, 1925. Serial No. 67,856. 7 Claims. (Cl. 236-15.)

1. In combination in a fluid fuel furnace, a burner motor circuit including a time fuse, an electrical inlet-

valve controlling circuit also including said fuse, a room thermostat controlling said circuits, and a stack thermo-



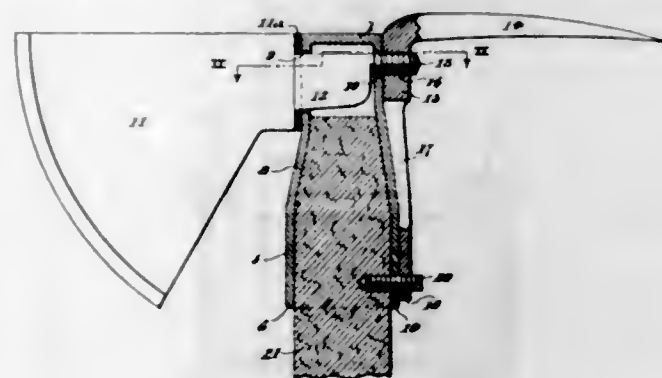
stat adapted to control the electrical impedance in said controlling circuit.

1,643,860. SOCKET WRENCH. CHARLES A. SHEDD, Worcester, Mass., assignor to Walden-Worcester, Incorporated, Worcester, Mass., a Corporation of Massachusetts. Filed July 14, 1926. Serial No. 122,433. 2 Claims. (Cl. 81-60.)



1. In a device of the class described, a handle fitting element, a socket fitting element, there being internal teeth on the first named part, and external teeth on the second named part, and there being a hole through said handle fitting element, and a shoulder in said hole, a screw received in said socket fitting element with the head of said screw normally against said shoulder, and a spring surrounding said screw.

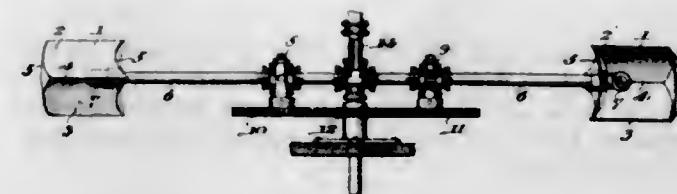
1,643,861. TOOL. JOSEPH SZAKACS, Wood, Pa., assignor of one-third to Nicholas Gensler, Wood, Pa., and one-third to W. Ira Evans, Broad Top, Pa. Filed Oct. 15, 1925. Serial No. 62,608. 1 Claim. (Cl. 145-2.)



In a tool, a handle, a hollow head mounted thereon with the closed end of the hollow head spaced from the enclosed end of the handle, opposite sides of the hollow head outwardly of the handle having openings therein, a tool at each side of the hollow head, one of said tools having a head portion received in the outer end of the hollow head through one of the openings and substantially filling the space between the handle end and the closed outer end of the hollow head, a screw stud projecting

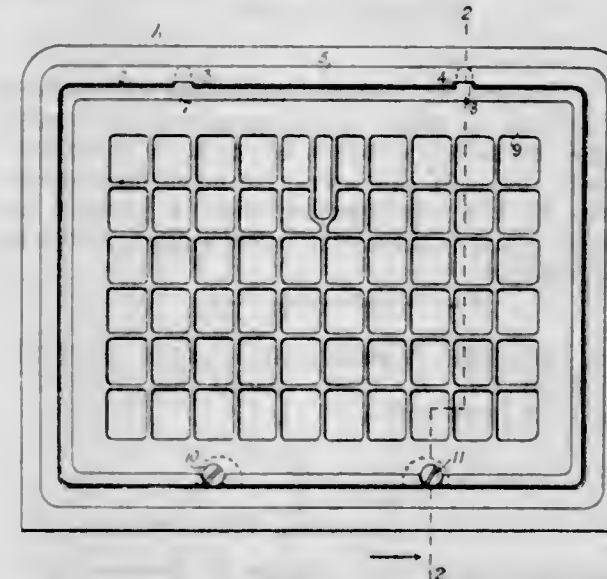
from the edge portion of the tool and extending through the other opening in the hollow head, the other tool having a base portion threaded on the stud screw into engagement with the hollow head, and an arm carried by the base portion of the last named tool extending longitudinally of and engaged with the hollow head with a fastening device passing through the arm and hollow head and entering the handle.

1,643,862. REACTION VACUUM PROPELLER. FRANK TRAVNICEK, also known as FRANK GRINNESS, East St. Louis, Ill. Filed June 3, 1925. Serial No. 34,619. 3 Claims. (Cl. 170-172.)



1. In a reaction vacuum propeller the combination of vacuum producing buckets, or blades, having open parts means of mounting said buckets for rotation, and means for alternately modifying the vacuum produced by said buckets in timed relation with the forward movement of an aeroplane or other vehicle when said propellers are rotating in a vertical plane parallel with the major axis of said aeroplane or other vehicle.

1,643,863. REGISTER-FRONT FASTENER. WILLIAM T. TRUAX, Battle Creek, Mich., assignor to United States Register Company, Battle Creek, Mich., a Corporation of Michigan. Filed Mar. 8, 1926. Serial No. 93,239. 1 Claim. (Cl. 98-114.)

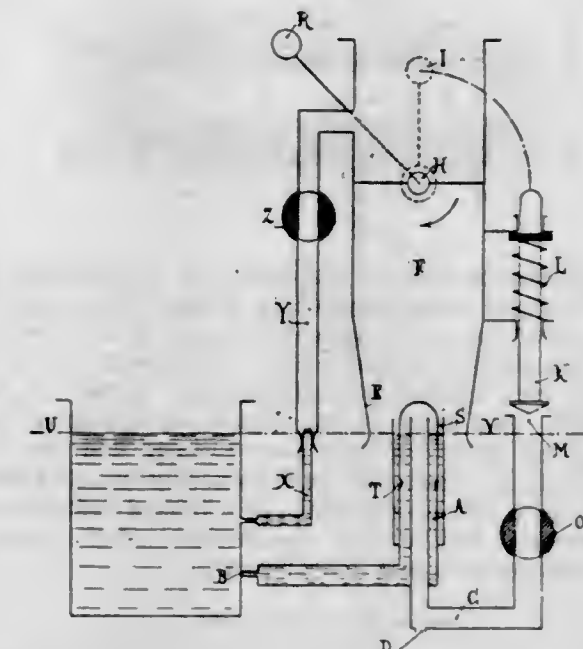


The combination with a register frame, of an open work front for the register, means for securing the upper edge of the said front in the frame in detachable relation, the lower portion of the said frame having spaced depressed portions forming recesses in the frame open at the bottom, and releasable securing devices carried by the said front and constructed to be passed into the said depressions of the frame, the said devices having portions arranged to be turned into engagement with the said open bottoms of the depressions.

1,643,864. CARBURETOR. LOUIS LEON VIEL, Billancourt, France. Filed Feb. 17, 1922. Serial No. 537,202, and in France July 15, 1921. 3 Claims. (Cl. 261-121.)

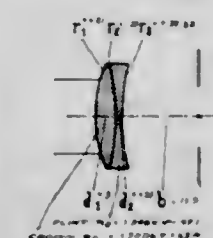
3. In combination with a carburetor having an air inlet, a mixture outlet and a throttle valve in the said outlet and a constant level chamber, a fuel nozzle having a

fuel feeding orifice below the level maintained in the constant level chamber, a U-shaped air conduit having one arm opening into the interior of the said nozzle at a point above the maintained fuel level and the other arm opening into the atmosphere, an air inlet permanently open to the atmosphere in the said U-shaped conduit situated at the lower extremity of the said first-mentioned arm, a valve for closing the orifice in the said



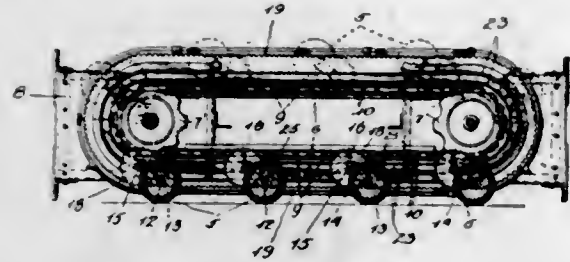
second arm, the said valve being normally biased by a spring to the open position, a lever on the shaft of the said throttle valve adapted to move the said spring controlled valve to closed position when the said throttle valve approaches its wide open position and means interposed in the said second arm of the said air conduit for regulating the flow of air therethrough when the last mentioned arm is open, substantially as described.

1,643,865. PHOTOGRAPHIC TWO-LENS OBJECTIVE. FRANZ WEIDERT, Berlin-Zehlendorf, Germany, assignor to Optische Anstalt C. P. Goerz Aktiengesellschaft, Berlin-Friedenau, Germany, a Firm. Filed Aug. 5, 1924. Serial No. 730,148, and in Germany Aug. 13, 1923. 3 Claims. (Cl. 88-57.)



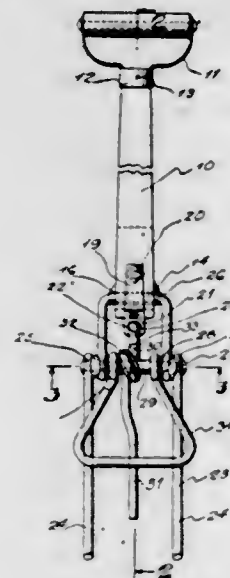
1. A chromatically corrected photographic objective having coordinated thereto a diaphragm disposed at its rear side at a distance from the apex of the lens nearest the image of at least 8% of the focal length of the objective, the objective comprising two glass lenses of which the front one is a collective lens and which lenses are formed of such kinds of glass and with such curvatures of their inner surfaces that the difference of the v values of the two lenses is at least 10 units and that the product of the curvature of the rear surface of the front lens and of the sum of the refractive powers of the said two inner lens surfaces is between +60 and -20 for the objective as reduced to 100 mm. focal length, the objective as a whole being spherically undercorrected to such degree that the undercorrection on the axis for a ray parallel to the axis at an incidence of $1/18$ of the focal length is at least 2% of the focal length of the objective.

1,643,866. MECHANISM FOR OPERATING CLEANING BRUSHES AND SIMILAR APPARATUS. GEORGE B. WELSER, Jr., Milwaukee, Wis., assignor to Chain Belt Company, Milwaukee, Wis., a Corporation of Wisconsin. Original application filed Mar. 25, 1919. Serial No. 284,926. Divided and this application filed Oct. 19, 1922. Serial No. 595,586. Renewed June 7, 1927. 11 Claims. (Cl. 15-21.)



1. In apparatus such as described, the combination of an endless power chain, supporting wheels with which it engages, a tool connected with the chain and arranged to operate on a surface across which it is thereby moved, a stationary gear element paralleling the course of the power chain, and driving connections for operating the tool, engaging with the said gear element and free to move toward and from the chain, whereby working conditions between the gear element and driving connections are maintained, even though the former and the power chain should cease to be in parallelism.

1,643,867. TILE FORK. EMIL C. WENTE, Waverly, Iowa. Filed Sept. 10, 1926. Serial No. 134,747. 4 Claims. (Cl. 294-53.)

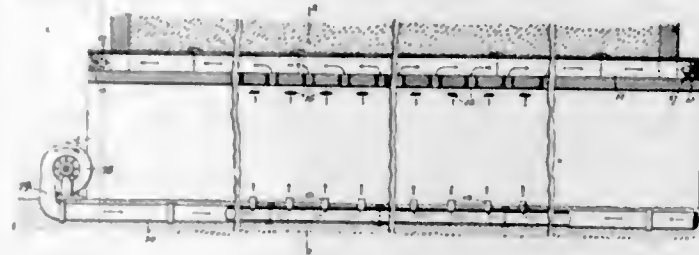


1. A tile fork comprising a shank, a gripping finger, pivotally connected to the shank, a second gripping finger cooperating with the first mentioned gripping finger for clamping a tile between said first mentioned gripping finger and said second mentioned gripping finger, means pivotally connecting the second mentioned gripping finger to the first mentioned gripping finger, and means operatively connecting said second mentioned gripping finger to said shank whereby when said shank is supported in the hands of an operator the gripping fingers will be caused to move toward each other into clamping relation with respect to the article disposed between the gripping fingers.

1,643,868. TUNNEL-VENTILATING SYSTEM. JOHN MATTHEW WOLL, Kittanning, Pa., assignor of one-third to John Jacob Lippuner, Oregon City, Oreg.; Ford V. Woll administrator of John M. Woll, deceased. Filed July 23, 1925. Serial No. 45,671. Renewed Aug. 10, 1927. 1 Claim. (Cl. 98-49.)

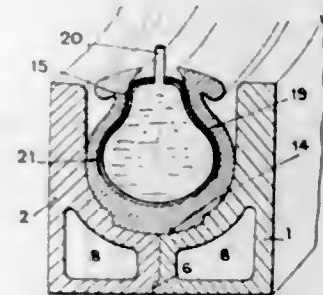
A tunnel ventilating system including air ducts disposed below the bottom of the tunnel and having air in-

lets affording admission of air at the ends, air inlets leading to the tunnel at the bottom from said air ducts, external air ducts disposed longitudinally on the roof of the tunnel, the top of the tunnel forming the bottom of said second mentioned air ducts, air inlets leading to



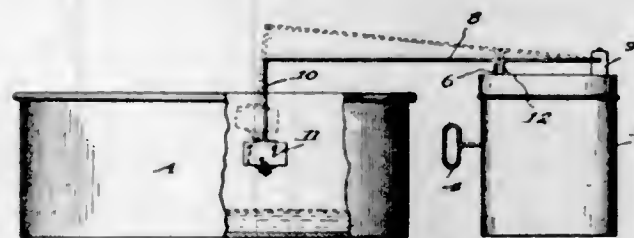
said second mentioned air ducts from the interior of the tunnel, and driven fans in said second mentioned air duct serving to draw air therefrom and from the tunnel the air admitted from the first mentioned air ducts and first mentioned air inlets.

1,643,869. VULCANIZING MOLDING APPARATUS FOR RUBBER TIRES. PAUL BARRE, Paris, France. Filed Feb. 29, 1924. Serial No. 696,032, and in France Mar. 6, 1923. 2 Claims. (Cl. 18-18.)



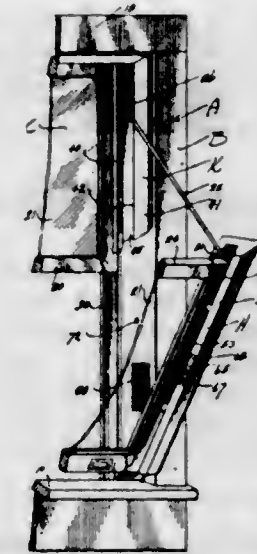
1. In a vulcanizing molding apparatus for repairing pneumatic tires, a shape retaining member for holding the portion of the tire which is not to be repaired out of contact with the mold, said member comprising a plurality of sections having interengaging ends, a pivoted latch on one section and a pin on the other section with which the latch engages.

1,643,870. ALARM. CLIFTON A. BLACKBURN, Little Rock, Ark. Filed Dec. 3, 1926. Serial No. 152,467. 1 Claim. (Cl. 116-110.)



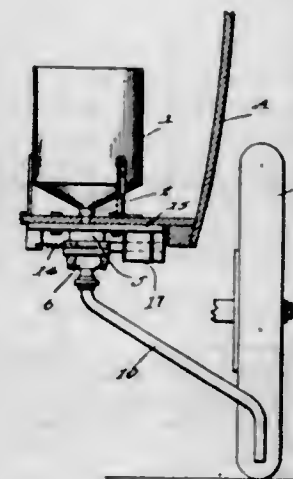
A liquid level alarm comprising a spring motor, a shaft driven by the same and having a horizontally extending part, a float rod having a projecting part formed with a rounded end, said projecting part engaging the horizontal part of the shaft to prevent operation of the motor until the rod is raised by a float connected with the rod, the rounded end of the projection on the rod permitting the motor to operate as soon as the horizontal part of the shaft reaches the rounded end until the spring of the motor is partly unwound and then when the rod is lifted to a position to almost free the shaft from its projecting part, the motor will operate for the second time.

1,643,871. WINDOW ADJUSTMENT. GALELMA BUTCHER, Norfolk, Va. Filed Jan. 4, 1926. Serial No. 79,221. 8 Claims. (Cl. 20-45.)



1. In a window construction the combination of a window casing including side stiles, a sash, retaining means for the sash including an upper fixed retainer for each of the side stiles and a lower movable retainer for each of the side stiles, each of the fixed and movable retainers of each side stile including spaced parting and stop beads providing a channel for receiving the sash therein, the lower edge of the fixed retainer and the upper edge of the movable retainer at each side stile, sloping from the inner side of the window casing downwardly towards the outer side of the window casing and being beveled from the side stile parallel with the plane of the window opening downwardly towards the window opening, and means for detachably holding the movable retainers in position below said beveled ends of the retainers including sockets formed in the lower portion of the window casing and projecting spaced shanks carried at the lower end of the movable retainers for fitting in said sockets.

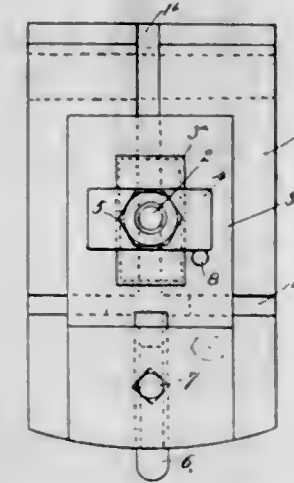
1,643,872. SANDING DEVICE. JOHN ORVILLE CAGE, Silverton, Oreg. Filed July 2, 1926. Serial No. 120,176. 1 Claim. (Cl. 291-38.)



In a motor vehicle, a sand container arranged therein, a two-part valve chamber supported below the floor of the vehicle, means for connecting the chamber with the bottom of the receptacle, a perforated partition in the valve chamber and arranged at the junction of the two parts thereof, a perforated disk pivotally secured to the partition for controlling the perforations therein, spring means

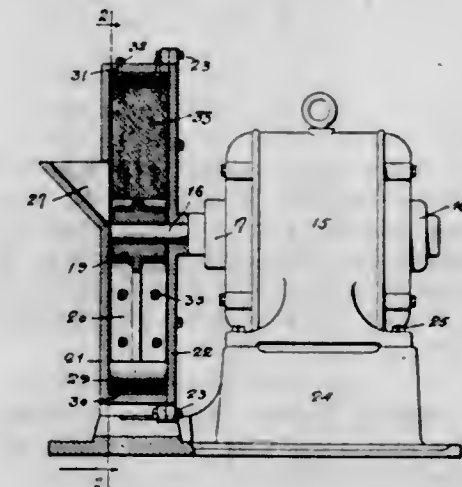
for normally holding the disk in closed position, magnetic means for moving the disk to open position and a pipe connected with the bottom of the valve chamber and extending to a point in front of one of the drive wheels of the vehicle.

1,643,873. TOOL HOLDER FOR PLANERS AND SIMILAR TOOLS. FORREST E. CARDULLO, Cincinnati, Ohio, assignor to The G. A. Gray Company, Cincinnati, Ohio, a Corporation of Ohio. Filed Aug. 18, 1923. Serial No. 658,083. 8 Claims. (Cl. 90-52.)



1. In combination in a planer, a tool supporting member having engageable surfaces, a tool holder adapted to engage the said surfaces in such a manner as to fix exactly the position of the tool holder relative to the tool supporting member, and means for clamping the tool holder to the tool supporting member, adapted to permit the ready removal and replacement of the tool holder.

1,643,874. PULVERIZER. RICHARD L. CAWOOD, East Liverpool, Ohio. Filed Nov. 14, 1925. Serial No. 69,024. 6 Claims. (Cl. 83-11.)

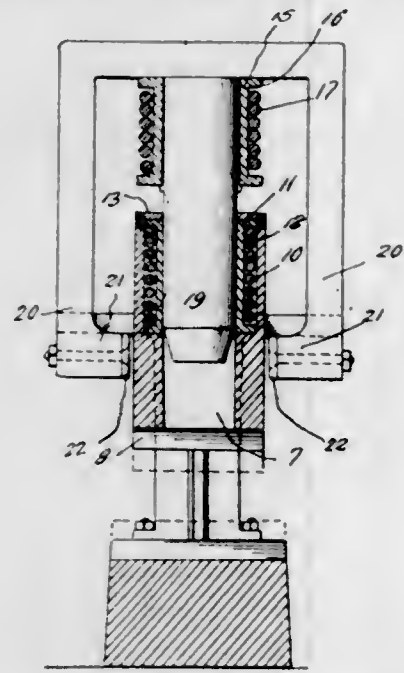


1. A high speed impact pulverizer comprising a casing, high speed rotary pallets within the casing, and an inner peripheral lining of rubber for the casing, together with a metallic carrier for said lining, and means for detachably clamping said carrier with its attached rubber lining to the casing.

1,643,875. DROP HAMMER. MARSHALL W. COLE, Richmond, Va. Filed June 19, 1925. Serial No. 38,293. 7 Claims. (Cl. 172-126.)

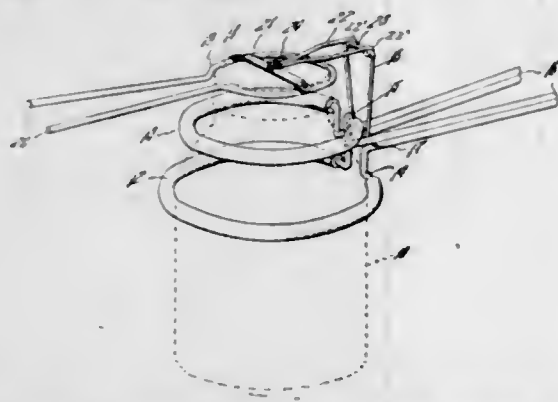
1. An electrically operated drop hammer, comprising a base member provided with an anvil, a hammer mounted for vertical reciprocating movement for cooperation with the anvil on the base member, electric means for creating a magnetic field across the path of movement of the ham-

mer, and electric means carried by the hammer energizable for reaction with the magnetic field for generating the lifting power to raise the hammer for subsequent hammer-



ing cooperation with the anvil, and means for controlling the operation of the electric means to produce periodic raising of the hammer.

1,643,876. JAR CLAMP AND WRENCH. PAUL COLE, Tyrrell, Ohio. Filed Nov. 25, 1924. Serial No. 752,244. 1 Claim. (Cl. 81-3.1.)



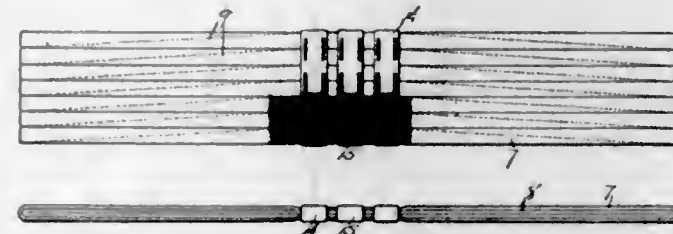
A jar clamp and wrench provided with handle members, gripping portions therefor, a substantially inverted U-shaped member provided with laterally offset extremities pivotally mounted upon the handle members of the clamp, a plate member carried by the wrench, and a yoke pivotally mounted upon the U-shaped member and connected with the plate upon the wrench.

1,643,877. ROOF BINDING. EDWARD A. CROSS, Spring Arbor, Mich. Filed Dec. 30, 1925. Serial No. 78,402. 1 Claim. (Cl. 108-26.)



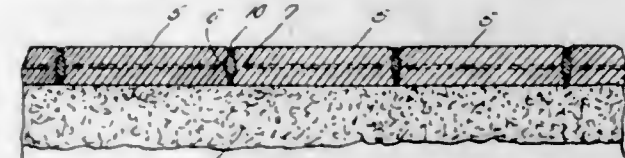
An edging for composition roofings, comprising a metal plate, bent upon itself to provide an underlying and an overlying flange, the overlying flange being of a greater width than the underlying flange, and the outer edge thereof being rolled to provide an inwardly directed bead which is spaced from the outer edge of the underlying flange a distance to permit of the insertion of the roofing flange between said flanges.

1,643,878. FLOOR MOP. WALTER L. CROUCH, Bristol, Conn., assignor to The Blakesley Novelty Company, Bristol, Conn., a Corporation of Connecticut. Filed June 27, 1925. Serial No. 39,966. 2 Claims. (Cl. 15-228.)



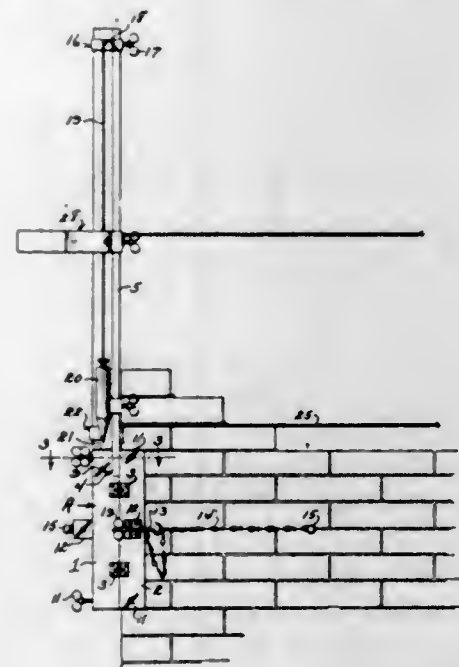
1. A mop fabric comprising a plurality of sections of material arranged side by side and each including a number of plies, said sections being formed from a single flat, tubular strip extended diagonally from one section to another, and wear strips extended laterally around the mop fabric at such distance from the center thereof as to receive the pressure of the mop frame in use.

1,643,879. CEMENT-BLOCK PAVEMENT. EMIL DE MEYER, Brooklyn, N. Y. Filed Apr. 22, 1926. Serial No. 103,848. 1 Claim. (Cl. 94-11.)



A pavement of the class described including, in combination, a bed of material, a plurality of blocks laid on the material having their edges slightly spaced and provided with continuous channels, strips of wood between the blocks and located below the channels, and a plastic material filling the channels and the space between the blocks on top of the strips, said plastic material terminating slightly below the upper surfaces of the blocks and the upper corners of the blocks being rounded.

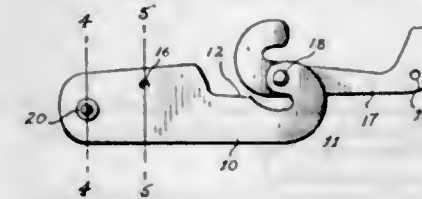
1,643,880. CORNER GUIDE AND PLUMB RULE. WILLIAM G. ELDER, Bardstown, Ky., assignor to Elder Manufacturing Company, Bardstown, Ky. Filed Nov. 22, 1926. Serial No. 149,957. 12 Claims. (Cl. 33-85.)



1. A device of the class described comprising a base of angle shape in cross section, and consisting of a central member and two side members, hinges for connecting the

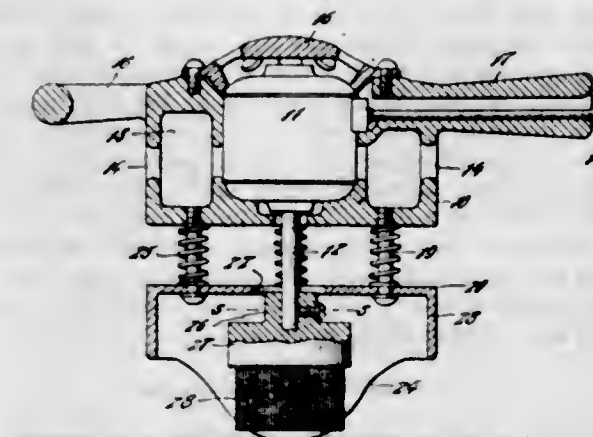
side members with the central member and chain engaging means carried by each side member for fastening the device to a corner of the wall and a staff carried by the base.

1,643,881. SNAP HOOK. JAMES FREDRICK ELLIS, Lewiston, Idaho. Filed Oct. 15, 1924. Serial No. 743,787. 1 Claim. (Cl. 24-241.)



A new article of manufacture comprising a metallic section bent on itself to form parallel spaced sides and a closed base, the top being cut away and hook shaped at one end, a locking member hook shaped at one end and bent approximately at right angles at the other end pivotally mounted in the hooked end of the metallic section, bulges formed in said sides and means in the bend of the locking member adapted to engage with said bulges whereby the locking member in closed position is securely held between the sides.

1,643,882. MEAT-BLOCK CLEANER. MARSHALL A. FAIVER, Girard, Ohio. Filed Oct. 9, 1926. Serial No. 140,594. 1 Claim. (Cl. 15-28.)



A scraping device comprising a housing supporting a motor therein, a support having a central opening adapted to receive the motor armature shaft, bolts carried by the housing, slidably mounting the support, compression springs encircling the bolts between the housing and support to normally space the same apart, a brush head provided with a socket portion adapted to receive said shaft, said support including a downwardly directed flange portion having guide legs depending from diametrically opposed sides thereof to contact with and thereby guide the brush head over the surface being scraped.

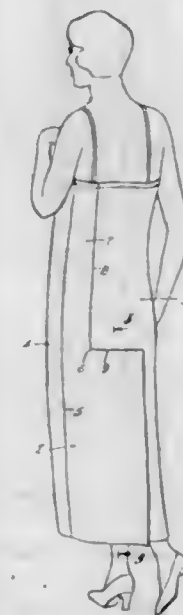
1,643,883. GARMENT FASTENER. IKLEY C. FIFE, Manchester, N. H. Filed Dec. 31, 1926. Serial No. 158,828. 4 Claims. (Cl. 24-220.)



1. The combination with portions of a garment capable of overlapping each other, of a hook and eye respectively at opposite sides of each garment portion, the hooks and

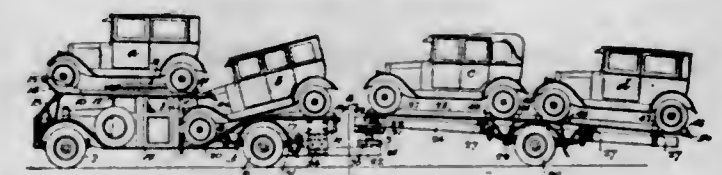
eyes engageable so as to releasably hold the garment portions overlapped, and for reversing the overlapped relationship of the garment portions.

1,643,884. SLIP. ABRAHAM FOX, New York, N. Y., assignor to The Patricia Petticoat Company, New York, N. Y., a Corporation of New York. Filed Oct. 1, 1925. Serial No. 59,884. 1 Claim. (Cl. 2-73.)



A slip of substantially uniform width throughout its length and comprising a single front piece and a pair of back pieces, both of the latter joined to the front piece at the respective longitudinal edges thereof, one of said back pieces having substantially parallel edges throughout its length and comprising more than half of the width of the back of the slip, the other back piece being of two different widths, the narrower width being at the upper portion of the slip and secured at its edge to the edge of the other back piece, the wider portion of the last-mentioned back piece being secured to the other back piece at its upper end only whereby an overlapping portion is provided throughout the lower portion of the garment intermediate the side edges thereof, said overlapping portion being open, constituting a slash.

1,643,885. MEANS FOR LOADING AND HAULING AUTOMOBILES. CLARENCE D. GILL, Trenton, N. J. Filed Dec. 24, 1926. Serial No. 156,948. 12 Claims. (Cl. 280-33.1.)

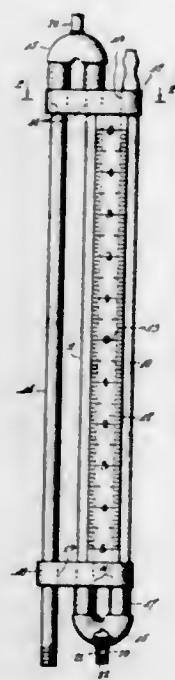


1. An automobile forwarding apparatus comprising an elongated conveyance having contiguously aligned rails thereon and being articulated intermediate its respective ends, the portion at one side of said articulation comprising a power driven unit and the portion at the other side of said articulation being a trailer unit.

1,643,886. FITTING FOR GAS-PRESSURE GAUGES. PATRICK GOODMAN, Brooklyn, N. Y. Filed Feb. 23, 1927. Serial No. 170,378. 6 Claims. (Cl. 73-31.)

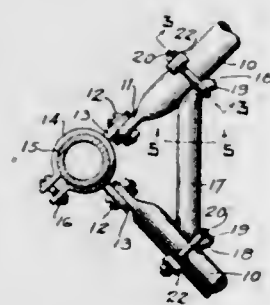
1. A pressure gauge comprising tubular gauge elements and a gas pipe adapted for connection with the pipe the

pressure in which is to be ascertained, together with a flexible fitting at opposite ends of the gauge, said fittings



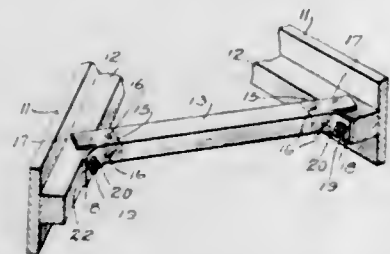
forming a tie between the gauge elements and the gas pipe.

1,643,887. CORNER BRACE FOR TUBULAR DERRICK GIRTS. CLYDE J. GOUGLER, Tulsa, Okla. Filed Nov. 25, 1925. Serial No. 71,351. 2 Claims. (Cl. 189-20.)



1. A brace for tubular girts comprising a tubular cross piece having its opposite end portions collapsed concavo-convex in cross section and bent outwardly in diverging angular relation from the main body of the cross piece so that the concave faces of said ends will seat against the inner sides of the tubular girt in the corner thereof, and clamping means engaging the convex faces of said bent end portions of the brace and the sides of the girt.

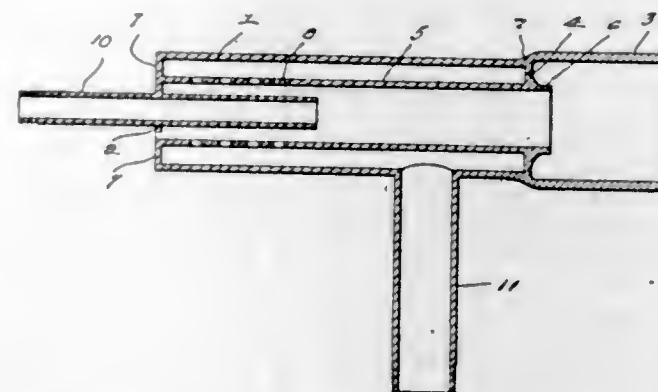
1,643,888. GIRT BRACE FOR DERRICKS. CLYDE J. GOUGLER, Tulsa, Okla. Filed Nov. 25, 1925. Serial No. 71,352. 2 Claims. (Cl. 189-20.)



2. A girt brace comprising a bar beveled at ends with the bevel faces in diverging relation from one side of the bar, an angle iron secured to each end of the bar, one leg of each angle iron being straight and having a portion secured flat to the top of the bar with another

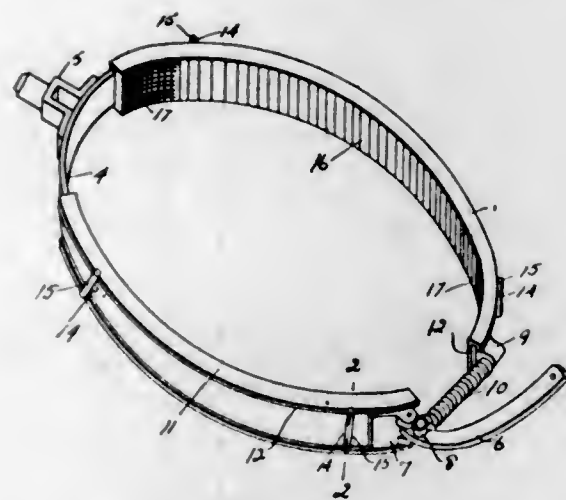
portion of said leg extending beyond the bevel face of the bar, and the other leg of each angle iron having a portion secured flat to one side of the bar and having another portion in angular relation to the last mentioned side of the bar and parallel to the adjacent bevel face.

1,643,889. FUEL BURNER. WILLIAM J. HADDOCK, Baxter Springs, Kans. Filed Dec. 28, 1926. Serial No. 157,509. 1 Claim. (Cl. 158-109.)



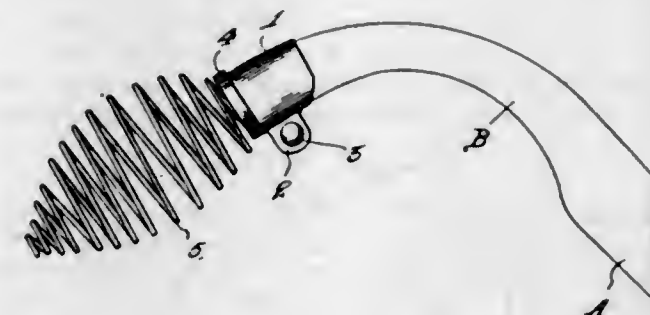
As a new product of manufacture, a fuel burner of the class described comprising an outer cylinder closed at one end, and merging at its opposite end into a slightly enlarged burner head, a partition wall on the interior of said cylinder and located at its point of connection with said burner head, an inner cylinder of a diameter less than the outer cylinder and located within the latter, and connected with the closed end of the outer cylinder, and extending through and beyond the center of said partition walls, terminating within the area of said burner head, said inner cylinder being provided at the first named end with a multiplicity of fuel intake ports, radially disposed spider arms in the last open end of said inner cylinder, an air supply pipe connected with said spider arms and extending into the interior of the inner cylinder and beyond the innermost fuel ports, a right angularly disposed fuel intake pipe connected with the intermediate portion of the outer cylinder, and a supporting leg connected with the closed end of said outer cylinder.

1,643,890. AUTOMOBILE BRAKE. HERBERT HARGREAVES, Philadelphia, Pa. Filed May 7, 1927. Serial No. 189,499. 2 Claims. (Cl. 188-259.)



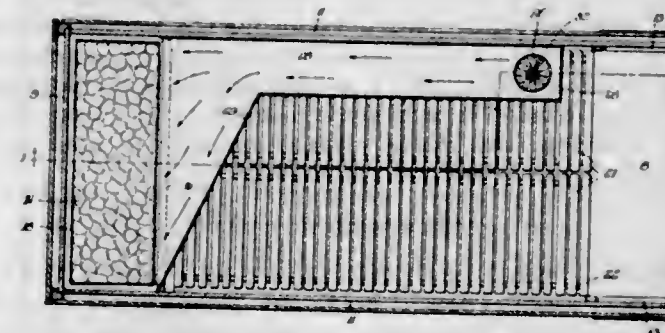
1. A brake shoe, comprising in combination, a brake band, brake shoes slidably mounted thereon and having transverse corrugations throughout the working surfaces thereof, and further provided with longitudinal corrugations only in the region of the ends of said shoes, and means to fasten the shoes to the brake band.

1,643,891. HAND GRIP. WILLIE A. HOWELL, Jayess, Miss. Filed Jan. 21, 1927. Serial No. 162,645. 1 Claim. (Cl. 16-120.)



A hand grip of the character described comprising a clamp, including a bead, and a coil spring having its convolutions diminishing in size from its center thereof and having one of its end convolutions secured in said bead.

1,643,892. AIR-CIRCULATING MEANS FOR REFRIGERATOR CARS. GEORGE A. HULL, Chicago, Ill., assignor to Equipment Specialties Co., Chicago, Ill., a Corporation of Illinois. Filed Dec. 11, 1924. Serial No. 755,200. 4 Claims. (Cl. 62-24.)



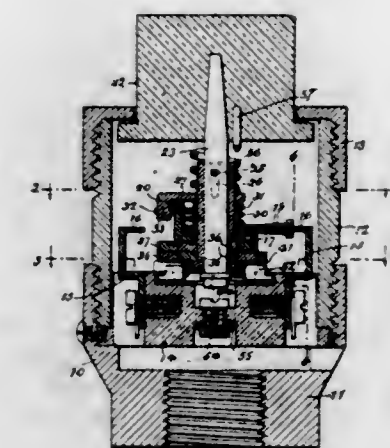
1. In a railroad refrigerator car, the combination of a main compartment, an ice compartment at one end of the car, a ceiling in said main compartment, an air circulating duct secured to said ceiling and extending along one side of the car, one end of said duct being flared laterally to distribute the conveyed air across substantially the entire width of said ice compartment, a downwardly facing opening in the other end of said duct, a circulating fan rotating in said opening for drawing the air upwardly from the central portion of the car and circulating it through said duct towards said ice compartment, an operating shaft extending out through the roof of said car, said circulating fan being mounted on said shaft, and a propelling fan supported on the roof of the car and to one side of the central runway and operatively connected to said shaft for driving the same.

1,643,893. METHOD OF CONSTRUCTION OF BEARER PLATES FOR USE IN PRESSES AND LIKE MACHINES. FRANK HUMPHRIS, Parkstone, England. Filed Nov. 8, 1926. Serial No. 147,148, and in Great Britain Oct. 21, 1925. 6 Claims. (Cl. 78-41.)



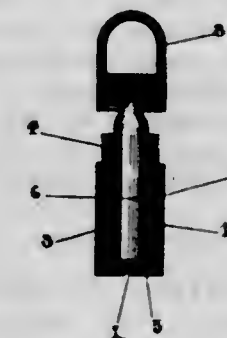
1. A bearer-plate comprising a base plate and grooved bearer-blocks arranged side by side on the base plate and removably attached thereto.

1,643,894. MULTIPLE SWITCH. ROBERT LAW, Woodside, and EDWARD JOHN SWEDA, Glendale, N. Y. Filed Sept. 11, 1926. Serial No. 134,910. 4 Claims. (Cl. 200-4.)



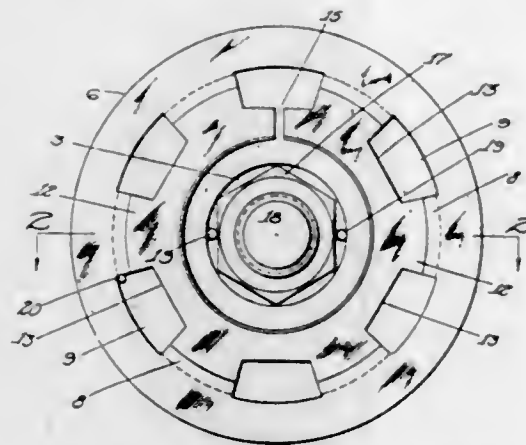
1. In a multiple switch of the class described, a contact carrying arbor, means supporting the arbor for turning movement in opposite directions, cams movable with said arbor, and said arbor being movable with respect to said cams, slides with portions of which said cams respectively co-act in the turning of said arbor, projections on said slides respectively, radially disposed stops, means supporting the stops for movement in opposite directions, yieldable means acting on said stops to hold them in the active position, said projections being engageable with each of said stops to hold the slides against turning movement, said projections being disengageable from each of said stops when engaged therewith in the sliding movement of said slides, and means acting on said slides causing said slides to turn rapidly when said projections are disengaged from either of said stops.

1,643,895. BOX FOR SALVE OR CREAM. JOSEPH LESQUENDIEU, Paris, France, assignor to J. Lesquendieu Inc., New York, N. Y., a Corporation of New York. Filed Jan. 4, 1927. Serial No. 158,967, and in France Aug. 18, 1926. 2 Claims. (Cl. 206-56.)



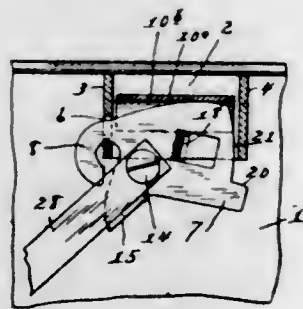
1. A box of the character described comprising a tubular member having an internal screw thread at one end extending a substantial distance therein and a short external thread at the other end, a screw cap adapted to be screwed on the external thread of said tubular member, and a short carrier plug screwing into the internal thread of said tubular member and capable of being completely housed within said tubular member, said plug at its inner end having a stick of salve fitted therein and having its outer end formed as a plane surface perpendicular to the vertical axis of the box, whereby said box may be placed upright irrespective of the position of the plug, and a kerf provided on the plane surface of the plug for facilitating rotation thereof to advance and retract the plug and stick of salve carried thereby.

1,643,896. WHEEL PULLER. JOHN J. MCGUCKIN, Worcester, Mass., assignor to Stevens Walden-Worcester, Incorporated, Worcester, Mass., a Corporation of Massachusetts. Filed Mar. 12, 1927. Serial No. 174,866. 2 Claims. (Cl. 29—85.)



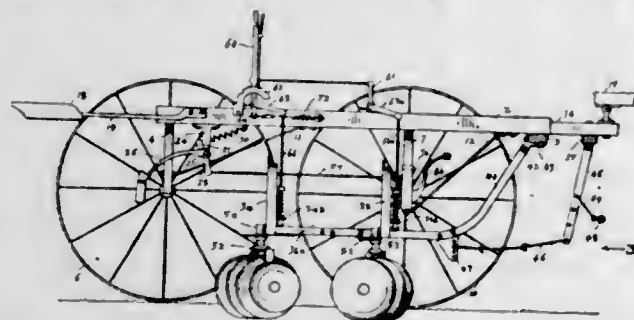
1. In apparatus of the class described, a split ring, alternate projecting and recessed portions on the outer periphery of said ring, and there being bevelled edges on said projecting portions, in combination with a hollow member, alternate projecting and recessed portions in the internal periphery of said hollow member, and there being bevelled edges on said projecting portions, whereby said ring and said member may be interlocked together with said bevelled edges in engagement.

1,643,897. GARBAGE RECEPTACLE. FREDERICK J. MULHERN, Troy, N. Y. Filed July 12, 1926. Serial No. 121,749. 8 Claims. (Cl. 220—36.)



1. In a device of the class described and in combination, a container; a cover hinged upon the container; and having a cover-lifting member provided with a downwardly open groove substantially parallel with the hinge axis on the inner side thereof; and a treadle-ball pivotally mounted on the container and having a member projecting from one of its ends beyond the pivotal connection engageable with said groove in the cover-lifting member, whereby the cover is raised by depression of the treadle-ball.

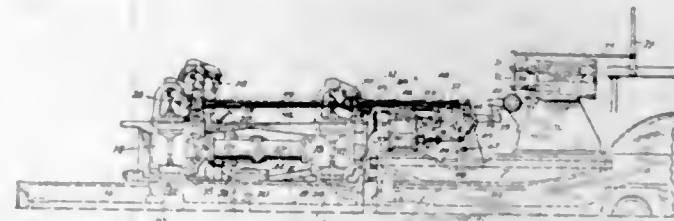
1,643,898. CULTIVATING IMPLEMENT. GEORGE A. NEWHOUSE, Yorktown, Ind., assignor of one-half to Elmer E. Prillaman, Yorktown, Ind. Filed June 16, 1925. Serial No. 37,413. 4 Claims. (Cl. 97—237.)



2. A machine of the kind described, comprising a wheeled main frame, an arched front axle bar and an arched rear axle bar, a steering means for the vehicle,

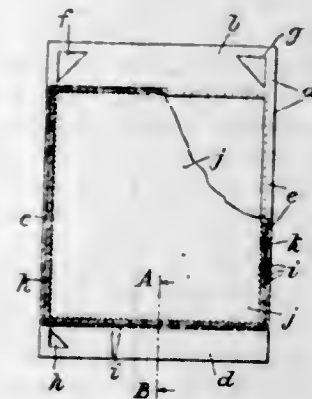
operable from the driver's seat located at the rear of the rear axle bar, a gang frame at the rear of the front axle bar, a forward and rearward gang on each side of said gang frame, a cross tree pivoted on the frontal portion of the main frame, a draw bar depending from each end of said cross tree, flexible draft connections between said draw bars and the sides of the gang frame and loose connections between the gang frame and the main frame to maintain the gang frame against angular misalignment.

1,643,899. COMBINED INLET AND UNLOADING VALVE GEAR. BRUNO V. NORDBERG, deceased, Milwaukee, Wis., by Helena C. Nordberg, executrix, Milwaukee, Wis. Filed May 21, 1925. Serial No. 31,957. 8 Claims. (Cl. 121—134.)



7. The combination of a cylinder having steam inlet valves; a reversing variable cut-off valve gear connected to actuate said valves with lead in all settings, including a guide member adjustable to determine the action of said valve gear and capable of being bodily shifted to close said valves; unloading valves for the working spaces of said cylinder; a servo-motor controlling the setting of said guide member; and a second servo-motor controlled by the movement of said guide member to and from mid-gear position, and when actuated serving to open said unloading valves and shift said guide.

1,643,900. ELECTROLYZER ELECTRODE OF THE FILTER PRESS TYPE. RODOLPHE RECHKRAZ, Geneva, Switzerland. Filed Mar. 9, 1927. Serial No. 174,032, and in Switzerland Feb. 5, 1926. 1 Claim. (Cl. 204—5.)



In an electrolyzer electrode of the filter press type, the combination with a plane sheet metal body the maximum thickness of which is 1 mm., of a frame thicker than said metal sheet, the latter being rigidly fixed to the frame in a true plane for the purpose of warranting a perfect plane of the thin sheet when the electrode is being handled for assembling in and disassembling from the apparatus, and in order to prevent a distortion of said thin sheet when assembled under pressure.

1,643,901. SOCKET WRENCH. JOHN N. PETERSON, Milwaukee, Oreg. Filed Aug. 8, 1925. Serial No. 49,121. 1 Claim. (Cl. 81—121.)

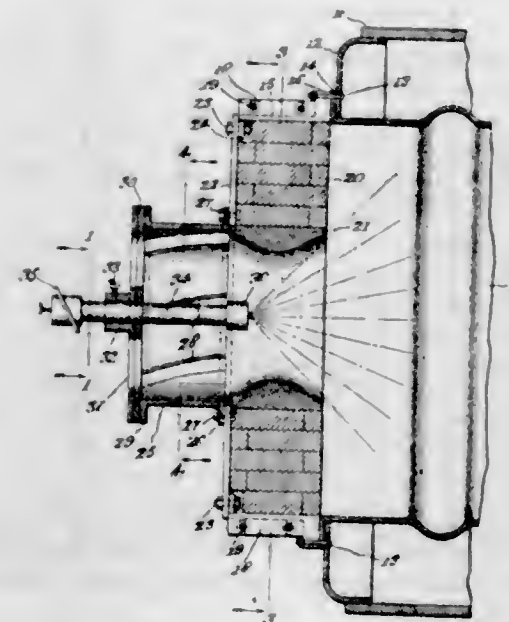
A wrench comprising a shank, a socket having a passage therethrough and having one end of greater internal diameter than the other and with the portion of greater internal diameter being threaded, the other portion hav-

ing a plurality of flat faces and providing a shoulder between such portion and the portion having the diameter of greater extent, said shank having a shoulder adapted to engage the shoulder in the socket and a portion be-



yond the shoulder having a plurality of flat faces adapted to engage the flat faces in the socket, a nut received by the shank and having an internally threaded portion engaging the internal threads of the socket.

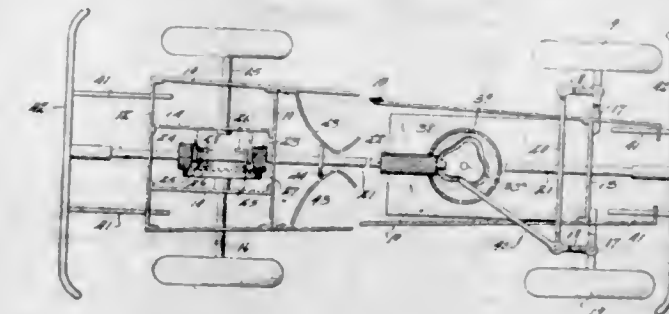
1,643,902. FURNACE FRONT. JOHN A. PHELAN, Galveston, Tex., assignor to E. B. Knowles, Galveston, Tex. Filed Mar. 21, 1927. Serial No. 177,181. 2 Claims. (Cl. 158—15.)



1. In combination with a boiler shell, a furnace front comprising a front wall of refractory material having a central opening, a metallic ring extending about the refractory wall, means to secure said ring to the boiler shell, an inner metallic ring mounted in the opening of the refractory front wall and projecting outwardly of the wall, a front plate attached removably to said outer ring and having a central opening received over the outer projecting end of the inner ring, a drum forming an extension of the opening through the inner ring and attached to said front plate, an air register carried by the outer portion of the drum and a nozzle projecting through the drum.

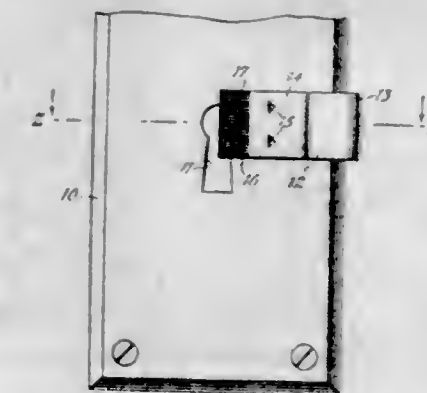
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1,643,903. AUTOMATICALLY-REVERSIBLE TOY VEHICLE. HAROLD P. PROSSER, New Rochelle, N. Y. Filed Feb. 17, 1927. Serial No. 169,090. 5 Claims. (Cl. 40—48.)



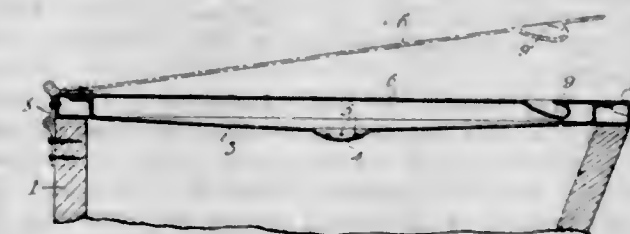
5. A toy vehicle comprising a supporting frame, a motor thereon, a driven shaft, tractor means operated by the driven shaft, means for transmitting motion to the driven shaft from the motor including a shiftable reversing clutch and a longitudinally extending shaft upon which the clutch is mounted and operatively engaged with the motor to be driven thereby, and bumpers carried at the opposite ends of said longitudinally shiftable shaft and projecting beyond the vehicle at opposite ends thereof.

1,643,904. KEY PROTECTOR. URIAH L. RIFE, Sound Beach, Conn. Filed Apr. 2, 1927. Serial No. 180,525. 2 Claims. (Cl. 70—65.)



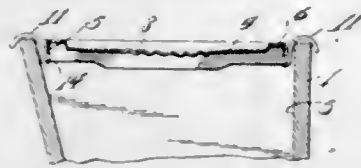
2. A key retaining device comprising an element formed from a single piece of spring metal to provide a hook at one end of said element, clamping portions at the opposite end of said element; and prongs on one of said clamping portions; and a piece of rubber held in place by said clamping portions with said prongs impaled in said piece of rubber, an end portion of the piece of rubber projecting beyond said clamping portions.

1,643,905. COMBINATION DISH DRAINER AND TUB COVER. MAX H. ROSSNER, New York, N. Y. Filed Mar. 30, 1927. Serial No. 179,560. 1 Claim. (Cl. 68—31.)



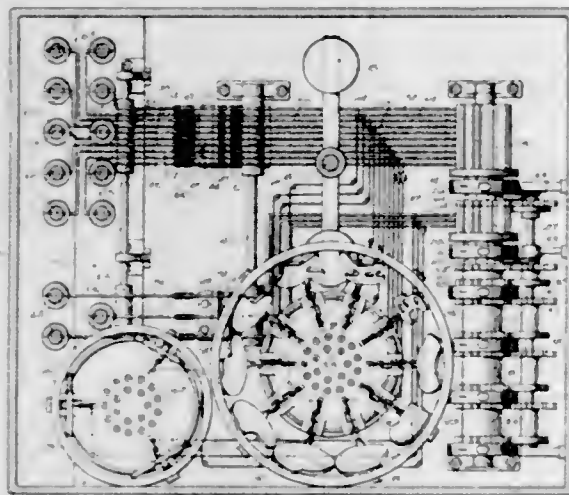
As a new article of manufacture, a tub cover having a depression therein constituting a receptacle for dishes to be drained therein, said depressed portion having an outlet for drainage, a top constituting a part of the cover and adapted to cover the depressed portion, and a three-leaf hinge connecting the cover and top to the tub or other support.

1,643,906. COMBINATION DRAIN BOARD AND TUB COVER. JOHN W. RUSSEL, Marietta, Pa. Filed Jan. 5, 1927. Serial No. 159,149. 2 Claims. (Cl. 141-11.)



1. A combination drainboard and tub cover comprising a slightly dished rectangular body portion having slightly raised marginal edges and an apron depending therefrom, hanger hooks having their shanks attached to an end portion of said apron and being adapted to hook over the upper edge of the adjacent end wall of a tub, and other hanger hooks adapted to hook over the upper edges of side walls of the tub and having reversely curved hooks at the extremities of their shanks for the reception of edge portions of the side members of said apron.

1,643,907. FARE-REGISTERING DEVICE. GEORGE E. SCHACHT, Plainfield, N. J. Filed Jan. 7, 1924. Serial No. 684,816. 9 Claims. (Cl. 235-42.)



1. A fare indicating and registering device, comprising a casing, a registering mechanism, a circuit closing mechanism having a plurality of movable contacts, a plurality of swingingly mounted arms in said casing, and operative connection respectively between said arms and the registering mechanism and said arms and the movable contacts of the circuit closing mechanism, means for normally swinging the arms in a direction to operate the registering mechanism and to close the circuits, means for normally locking said arms against their normal swinging movement, and key operated means for selectively releasing said arms.

1,643,908. TUBING BLEEDER. ELMER D. SMYER, Fellows, Calif., assignor of one-third to Roy M. Smith and one-third to Perl E. Williams, Fellows, Calif. Filed Mar. 1, 1926. Serial No. 91,632. 7 Claims. (Cl. 103-221.)

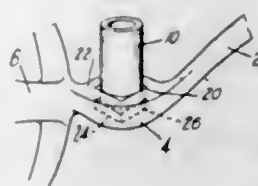
1. A tubing bleeder for wells including a tubing section having a side opening, a bleeder valve closing said opening, fragile means retaining said valve in a closed position, a member engageable with the valve and displaceable relative to the tubing section for displacing the valve against the action of said fragile means, and means for displacing said member, said member displacing means including a sleeve threaded on the tubing section and operatively associated with said displaceable member, an outwardly projecting lug on said threaded sleeve, a pair of relatively rotatable frames rotatably and slidably mounted on the tubing section above the bleeder valve and adapted for frictional engagement with the

inner surface of a well casing whereby the frames are elevated from the bleeder valve when the tubing section is lowered into the well casing and one of the frames is held against rotation when the tubing section is rotated, means operable upon turning of the other frame relative to said one frame to lock said other frame against continued turning with the tubing section relative to the



well casing, and an arm rigid with said other frame and disposed to engage the lug on the threaded sleeve when the tubing section is elevated whereby turning of the tubing section will effect turning of said other frame until locked and will then effect movement of the threaded sleeve on the tubing section and displacement of the displaceable member and the valve.

1,643,909. OPHTHALMIC MOUNTING AND METHOD. FREDERICK A. STEVENS and JAMES W. WELSH, Providence, R. I., assignors, by mesne assignments, to Bausch and Lomb Optical Company, Rochester, N. Y., a Corporation of New York. Filed Aug. 21, 1922. Serial No. 583,253. 5 Claims. (Cl. 88-50.)



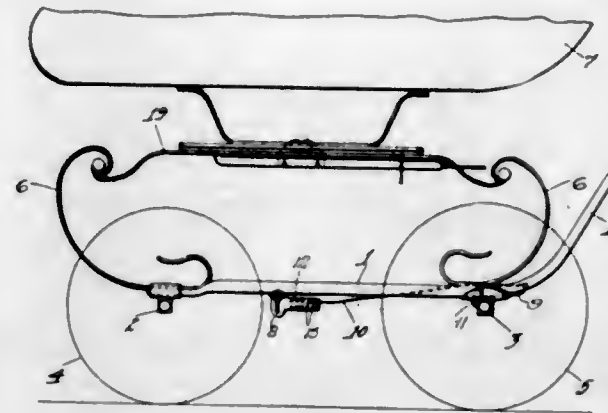
1. An ophthalmic mounting having a polygonal bore extending from one face part way to the opposite face, and a post having a similarly polygonal head permanently secured in the bore.

3. An ophthalmic mounting having a countersunk bore extending from one face part way to the opposite face, and a post secured in the bore having an enlarged head in the enlarged portion of the bore and a portion in the remaining portion of the bore.

1,643,910. BABY-CARRIAGE GEAR. GEORGE STINSON, Gardner, Mass., assignor to Heywood-Wakefield Company, Boston, Mass., a Corporation of Massachusetts. Filed Apr. 8, 1925. Serial No. 21,584. 3 Claims. (Cl. 188-20.)

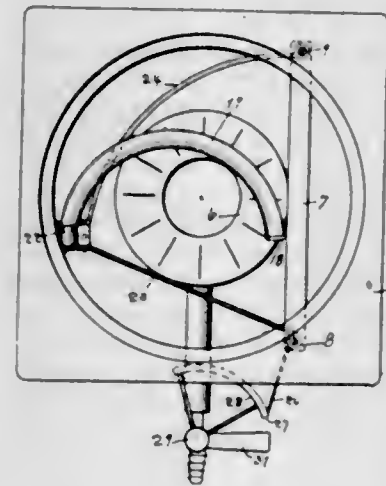
1. In a brake mechanism for baby carriages, a brake bar attached to the frame of the carriage, an operating

pedal connected to an axle of the carriage, a connector loosely embracing an offset portion of said brake bar,



and a rod extending from said pedal with its end receivable in spaced openings in said connector.

1,643,911. GAS-BURNER ATTACHMENT. ARTHUR R. THOMPSON, San Francisco, Calif., assignor of one-third to Mary Hunt, San Francisco, Calif. Filed Mar. 22, 1926. Serial No. 96,596. 1 Claim. (Cl. 67-117.)

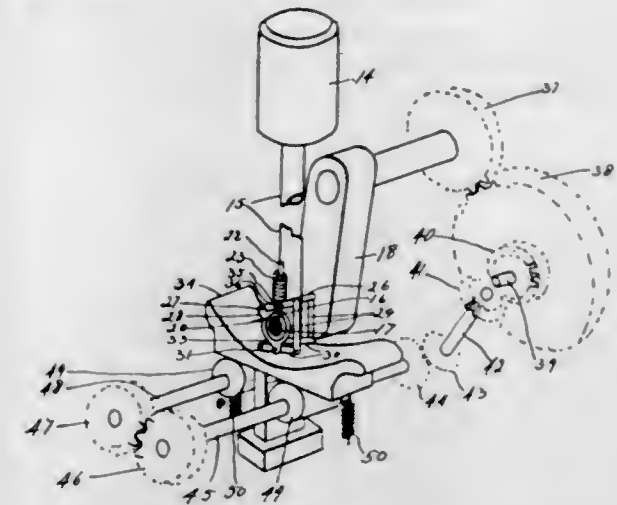


In a device of the class described, the combination with a gas burner having a gas cock, a latch box positioned adjacent to said burner, a latch positioned within said latch box, a spring secured to said latch box and said latch, an inclined strip positioned within said latch box, said strip being of less width than width of latch box, a notch formed in said latch, a heat controlled element positioned adjacent to said burner and adapted to be contacted by the flame therefrom, a nose formed on said heat controlled element, said nose being adapted to extend into said latch box for the purpose of engaging said latch when said burner is lit, means for connecting the latch to said gas cock of said burner, for the purpose specified.

1,643,912. SUPPLEMENTARY EXHAUST FOR INTERNAL-COMBUSTION ENGINES. AUGUSTUS ALBERT WEST, Philadelphia, Pa. Filed May 3, 1923. Serial No. 636,472. 7 Claims. (Cl. 123-78.)

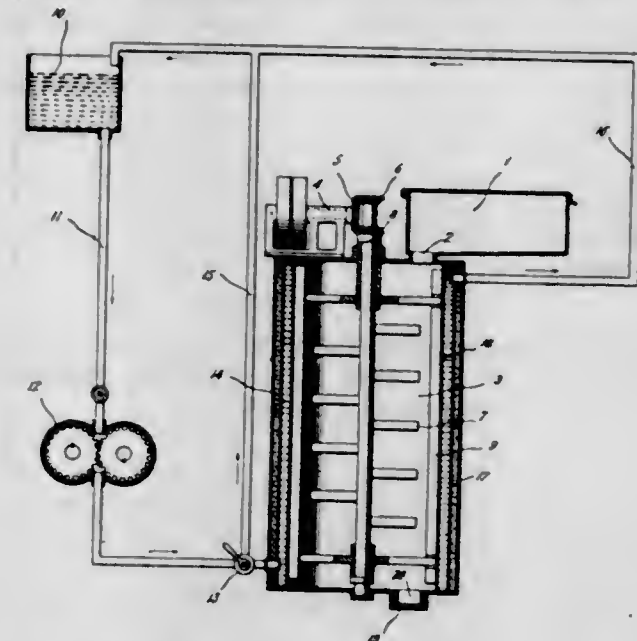
3. In combination with an engine including a cylinder provided with the usual exhaust and a supplementary exhaust port, a crank shaft, a piston and connecting rod, said crank shaft having a cutaway are on a crank pin, a shoe carried by the connecting rod and coacting with the crank pin, guide rods carried by said shoe, springs acting on said guide rods to normally force the shoe inward, levers pivoted on the connecting rod and having connection with the guide rods intermediate the ends of the levers, other levers fulcrumed on the connecting rod, links joining the first named levers with the last named

ones, a roller journaled between the free ends of the second named levers, a shoe adapted to be projected into and out of the path of travel of said roller to limit the movement of the connecting rod and its component parts,



cams associated with the shoe and a gear train for actuating said cams and so timed as to move the shoe out of the path of travel of the roller on the firing stroke of the piston.

1,643,913. PRESERVED EGG AND PROCESS THEREFOR. HARPER F. ZOLLER, Detroit, Mich. Filed Mar. 13, 1925. Serial No. 15,255. 8 Claims. (Cl. 99-14.)



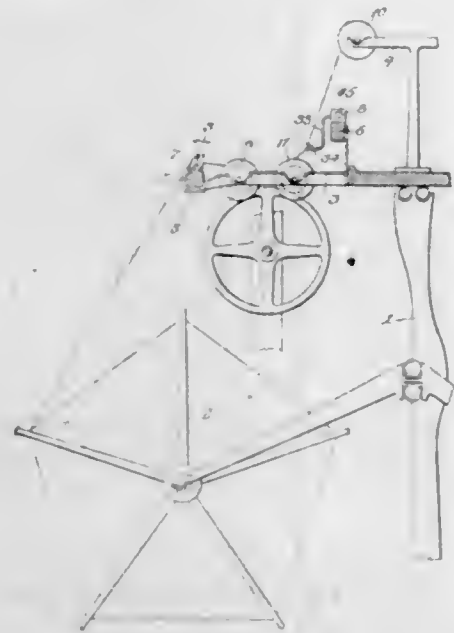
1. The process of preserving raw egg comprising, adding ethylene glycol to the raw egg, and freezing the resultant mixture.

8. The process of preserving raw egg comprising, placing the raw egg in a mixing and freezing device, simultaneously mixing and partially freezing the raw egg, removing the partially frozen raw egg from said device before it has frozen beyond the flowable stage, and subsequently freezing the raw egg to final condition without mixing.

1,643,914. ADJUSTABLE GUIDE FOR WINDING MACHINES. GEORGE FRED ALBACH, Jr., Bayonne, N. J., assignor to Schwarzenbach-Huber Co., Union City, N. J., a Corporation of New Jersey. Filed Jan. 25, 1927. Serial No. 163,487. 1 Claim. (Cl. 242-157.)

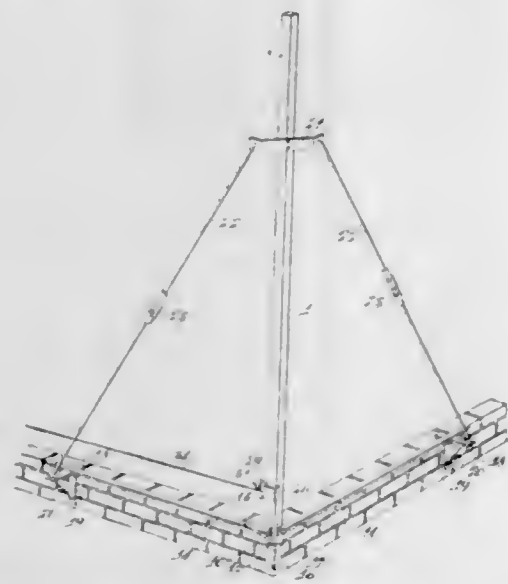
In a winding machine, a reciprocating guide supporting rail substantially V-shaped in cross section, a substantially V-shaped plate rigidly secured to said rail, said plate having an upstanding end and a pair of slots

near the opposite end to said upstanding end, said upstanding end having a threaded aperture extending therethrough, a substantially V-shaped sliding plate mounted on the first mentioned plate, said sliding plate having an upstanding end formed with an aperture therein, a screw member fitted into said threaded aperture extending through the aperture in the upstanding end of the sliding plate, means on the screw member for maintaining the screw member in operative relation with the sliding plate whereby as the screw member is rotated the



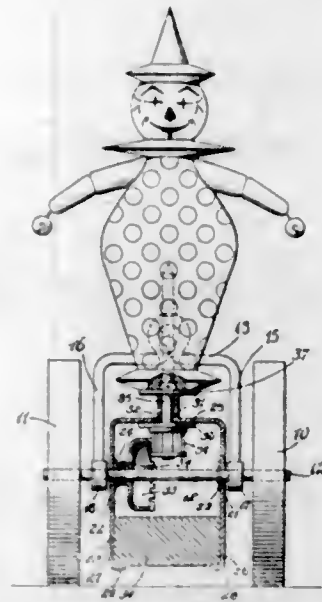
sliding plate will be moved, said screw member and sliding plate being positioned to be moved longitudinally of said rail, a guide pin for each of said slots carried by said sliding plate and projecting through the respective slots, each of said pins having an enlarged head, overlapping the first mentioned plate for holding the plates together while allowing a sliding movement thereof, a thread guiding member mounted on said sliding plate, and means for removably securing the thread guiding member on said sliding plate.

1,643,915. BRICKLAYER'S GUIDE. QUIRINO ANGELILLI, New York, N. Y. Filed Nov. 30, 1926. Serial No. 151,794. 15 Claims. (Cl. 33-85.)



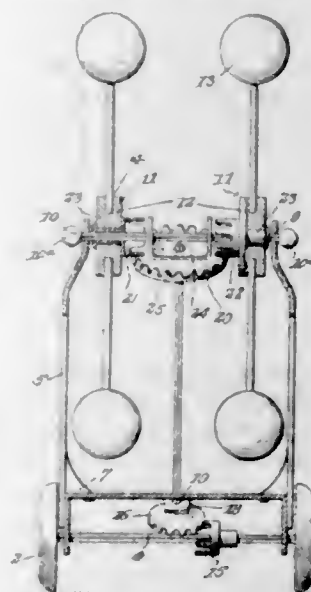
1. In a device of the class described, a corner guide upright, means for mounting said upright in operative position upon the building, and a guide scale carried by said upright and having a plurality of differently graduated faces, said upright and said scale having associated means for exhibiting one face of the scale at a time, for the purposes described.

1,643,916. MECHANICAL TOY. JOHN JACOB BECKER, New York, N. Y. Filed Sept. 13, 1926. Serial No. 135,260. 2 Claims. (Cl. 46-45.)



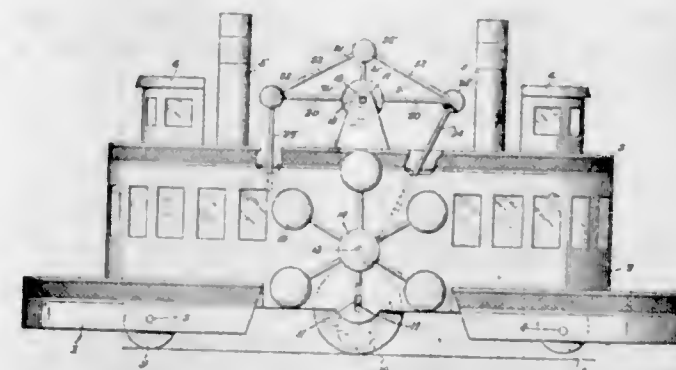
1. In a mechanical toy, a carriage including a rotative axle, wheels thereon and an inverted one-piece U-shaped member freely swung on the axle and having an integral, centrally disposed, upwardly directed tubular extension, the lower free ends of the sides of the inverted U-shaped member being rounded and directed inwardly toward each other to provide spaced curved weight supporting flanges, a weight having a curved under surface corresponding to the curvature of the lower ends of the sides of the inverted U-shaped member and supported at its ends on the said flanges and sustained solely thereby between the sides of the U-shaped member, a vertical spindle extending through the tubular extension, an arbitrary figure secured to the upper end of said spindle, a gear mounted on the lower end of the said spindle, a gear on the axle in mesh with the gear on the spindle whereby upon movement of the toy over a surface the spindle and figure carried thereby are given a rotative movement, said weight carried by said body causing a rocking movement of the body and figure in a vertical plane when the spindle and figure are rotated in the manner stated.

1,643,917. FIGURE WHEELED TOY. JOHN J. BECKER, New York, N. Y. Filed Feb. 21, 1927. Serial No. 170,013. 5 Claims. (Cl. 46-45.)



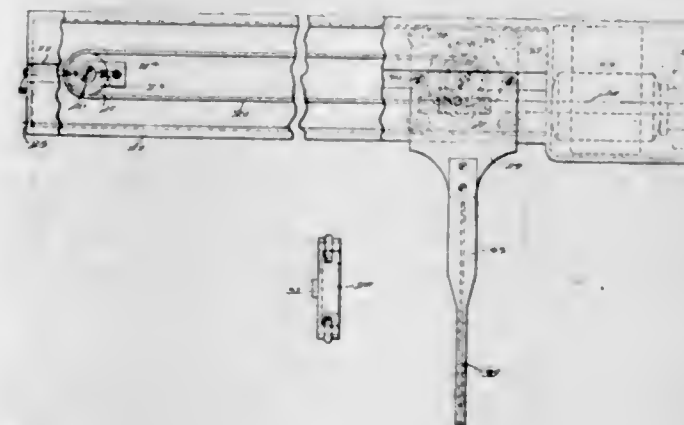
1. In a device of the character described, a carriage, a plurality of spaced rotors carried thereby and adapted to be driven in opposite directions, and inverted V-shaped brackets secured to the sides of the said carriage and provided with means to prevent lateral tilting thereof and supporting the said rotors on the carriage.

1,643,918. TOY STEAMBOAT. JOHN J. BECKER, New York, N. Y. Filed Feb. 21, 1927. Serial No. 170,016. 6 Claims. (Cl. 46-48.)



1. In a toy, a lower deck, a superstructure simulating a steamboat cabin supported by said deck, rotors carried by said superstructure on opposite sides thereof, an oscillating walking beam on top of the superstructure, ground engaging wheels carried by said superstructure and means operatively connecting said wheels to the rotors and walking beam for imparting rotary movement to the rotors and oscillating movement to the walking beam.

1,643,919. WINDSHIELD WIPER. JOSEPH BORNSTEIN, Dorchester, Boston, Mass. Filed Mar. 22, 1927. Serial No. 177,447. 3 Claims. (Cl. 74-14.)

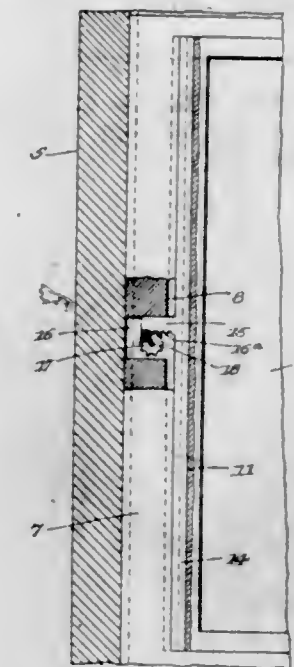


1. Operating means for a windshield wiper comprising a supporting frame, a pair of spaced revoluble members, an endless flexible member trained over said members, means for rotating one of the revoluble members, a carriage mounted for longitudinal movement of the frame and provided with an annular groove, a pin carried by the endless means and having the free end thereof received within the groove.

1,643,920. DOUBLE-HUNG WINDOW SASH. JOHN BROUOH, Philadelphia, Pa. Filed Feb. 7, 1927. Serial No. 166,562. 1 Claim. (Cl. 20-49.)

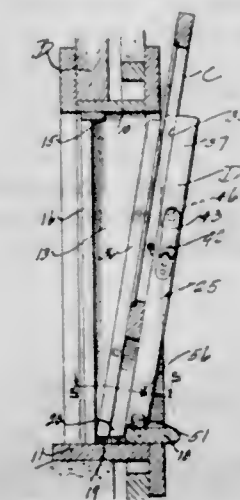
In a window construction, a window frame, upper and lower sashes slidable in the frame and each having a recess and also a longitudinal groove in the inner face of each side, a glass sash pivoted in each sliding sash and each provided with a longitudinal groove in the outer face of each side to align with the respective grooves of the respective sliding sashes, a plate mounted in the aligning grooves of the sliding and swinging sashes at each side of the latter and each plate having an integral, flat lateral projection intermediate its ends extending into the respective recesses of the sliding sashes, one edge of each projection having teeth, a pinion journaled in

each recess of each sliding sash at each side thereof and meshing with the teeth of the respective projection whereby to shift the respective plates out of the respective



grooves of the swinging glass sashes to permit swinging movement of the latter, the pivots of the glass sashes being spaced from the plates and their projections.

1,643,921. CASEMENT-WINDOW-ADJUSTMENT CONSTRUCTION. GALELMA BUTCHER, Norfolk, Va. Filed Feb. 24, 1926. Serial No. 90,364. 10 Claims. (Cl. 20-45.)



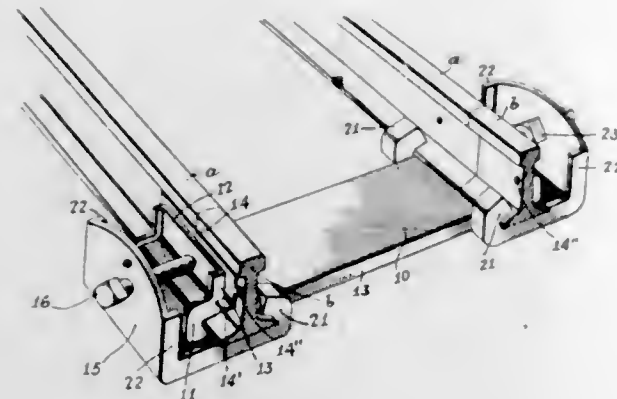
1. In a casement window adjustment construction the combination with a frame having an opening therein, a single sash for said opening adapted to normally entirely fill the same, side strips movably supported by the frame at the sides of the window opening, said side strips having channels therein adapted to receive the sides of the sash in a slidable relation, means to lock the side strips within the window opening with the sash closing the window opening, and means to adjustably position the strips in a tipped relation with respect to the window opening to permit sliding of the sash outwardly of said frame opening.

1,643,922. PROCESS OF PRECIPITATING COPPER FROM SULPHATE SOLUTION. NIELS C. CHRISTENSEN, Salt Lake City. Filed Mar. 10, 1924. Serial No. 698,325. 8 Claims. (Cl. 75-18.)

1. The process of recovering copper from sulphate solutions, which comprises treating a solution containing copper sulphate with metallic lead, while continuously

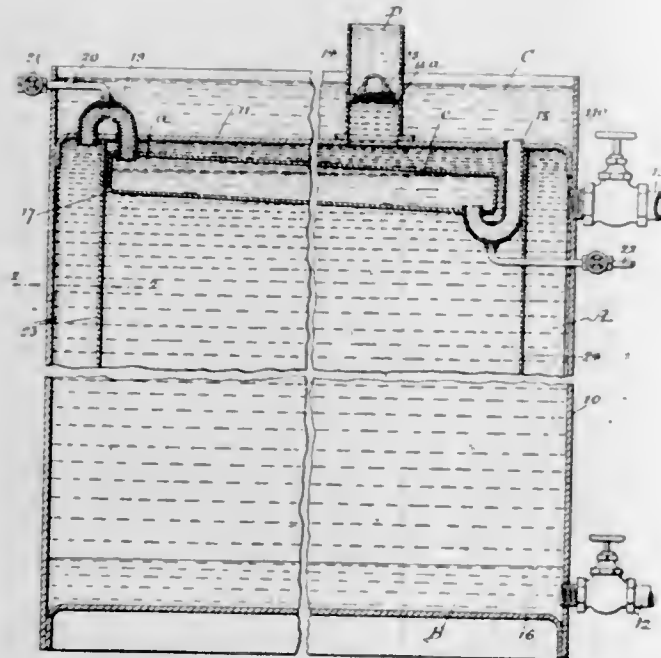
mechanically removing the coating of lead sulphate formed upon the lead, to thereby precipitate the copper from said solution and to form lead sulphate in admixture therewith, and thereafter separating the mixture by action of a differential solvent.

1,643,923. CROSS TIE. GEORGE C. CHRISTNER, Rivesville, W. Va. Filed Mar. 8, 1927. Serial No. 173,721. 7 Claims. (Cl. 238-46.)



1. A rail tie comprising a cross member disposed beneath the abutting ends of adjacent rail sections and having upwardly directed end portions engaging the outer sides of the adjacent rail ends, fish plates interposed between the upwardly directed end portions of said cross member and the opposed sides of the adjacent rail ends, and clamping means mounted for relative movement on the ends of said cross member and having outwardly extending portions engaging the inner sides of the adjacent rail ends outwardly of the opposite side edges of the cross member and cooperative with the said rail engaging portions of the said cross member for securing the adjacent rail ends therebetween.

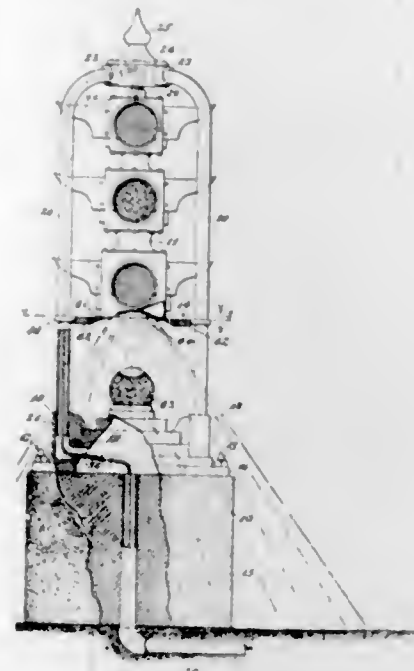
1,643,924. STORAGE TANK. EDWIN M. CLARK, Clarkston, Mich. Filed Jan. 24, 1927. Serial No. 163,287. 6 Claims. (Cl. 220-85.)



1. In a structure of the class described a main oil tank having a roof, a water basin above said roof, a liquid holder within the tank, means connecting said tank at

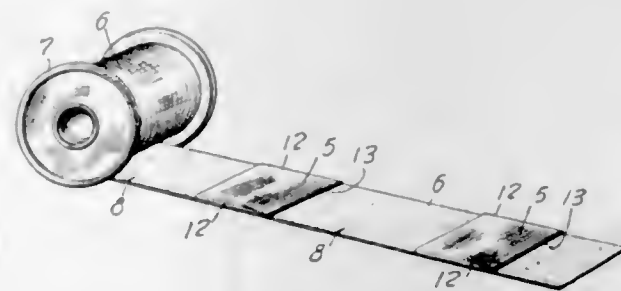
one end with said holder at the top of the holder and means connecting said basin with said holder at the other end, at the bottom thereof.

1,643,925. TRAFFIC SIGNAL. HARRY COOKE, Jr., Garfield, N. J. Filed Apr. 1, 1926. Serial No. 99,124. 4 Claims. (Cl. 240-90.)



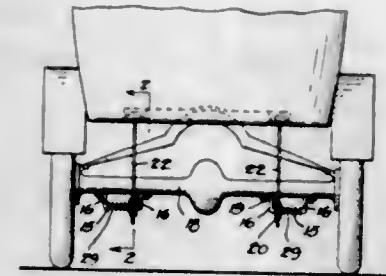
1. In a traffic signal, a base, uprights on the base, an upper suspension member supported by said uprights, a lamp casing, a substantially semi-spherical member on the top of said lamp casing which is received in a recess in said upper suspension member, connecting members on the uprights respectively and on the bottom of the lamp casing, and springs arranged respectively between the connecting members on the uprights and the bottom of the lamp casing.

1,643,926. EMERGENCY DRESSING. ENSIGN E. DICKSON, New Brunswick, N. J., assignor to Johnson & Johnson, New Brunswick, N. J., a Corporation of New Jersey. Filed Jan. 5, 1927. Serial No. 159,160. 3 Claims. (Cl. 128-268.)



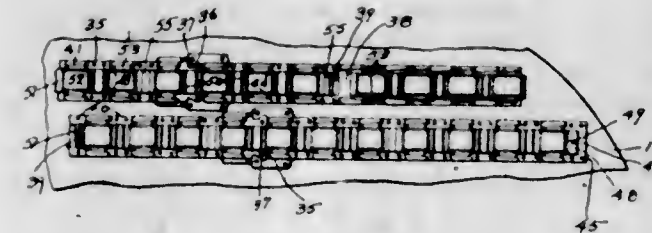
2. A rolled emergency dressing comprising surgical tape equipped on its adhesive face with pads separated by exposed areas of the adhesive face, the pads including a gauze envelope enclosing the pads next the side edges of the tape, the exposed adhesive areas of the tape serving to bond the several convolutions of the roll to enclose and protect the pads, the gauze envelope protecting the edges of the pad otherwise exposed at the edges of the roll.

1,643,927. SNUBBER. JAMES DIXON, Phoenix, Ariz. Filed Sept. 8, 1925. Serial No. 55,140. 4 Claims. (Cl. 267-26.)



1. A snubber comprising a ratchet wheel mounted for rotational movement, means for urging the ratchet wheel to a definite position, and a ratchet bar yieldably urged into engagement with the ratchet wheel and adapted to be moved longitudinally, the teeth of said bar and the teeth of said wheel being arranged so that the wheel is rotated against the action of said urging means when the bar is moved longitudinally in one direction.

1,643,928. RUNNER BAR FOR PLATE-GLASS-GRINDING MACHINES. JACOB DIDION, Valley Park, Mo. Filed Nov. 10, 1924. Serial No. 748,822. 4 Claims. (Cl. 51-209.)



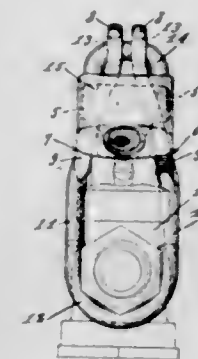
1. A device of the class described comprising a disk, a plurality of runner bar supports, each of which is provided with a series of spaced apart dove-tailed, wedge-shaped recesses located above one face of said bar, means for securing said runner bar supports to said disk, a plurality of runner bars, each of which is provided with a series of spaced apart projections, a wing formed integral with each side of said runner bars and located adjacent to and opposite each projection, the length of said wings being less than the distance between the adjacent dove-tailed, wedge-shaped recesses whereby said runner bar can be placed in position on or removed from said runner bar support without moving the same the full length of the runner bar support, and a locking plate located in the runner bar support for holding the runner bar in position.

1,643,929. MANUAL HOLDER FOR ARC WELDING ELECTRODES. ARTHUR MARLAND, Conshohocken, Pa., assignor to John Wood Manufacturing Company, Conshohocken, Pa., a Corporation of Pennsylvania. Filed Sept. 29, 1925. Serial No. 59,257. 6 Claims. (Cl. 219-8.)



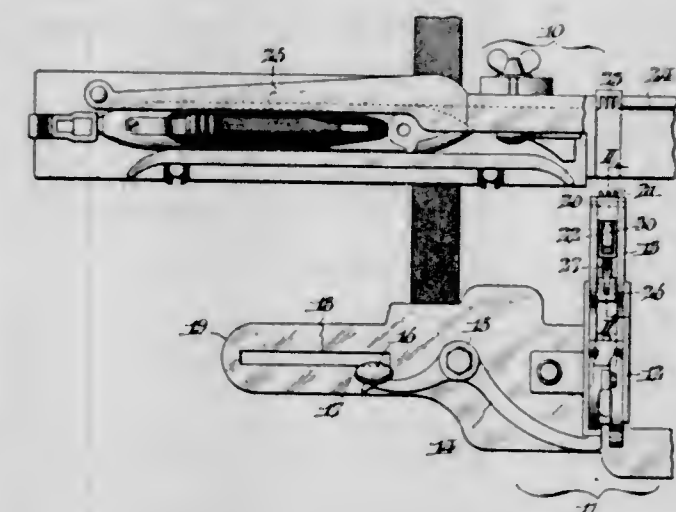
6. In a manual holder for an arc welding electrode; the combination with a socket for an electrode; of means arranged to cool said socket, including refrigerant conduits extending to and from said socket, in rigid relation therewith; and a tubular handle of insulating material encircling both of said conduits.

1,643,930. VALVE LOCK. RAYMOND YULEE MICKLER, Jacksonville, Fla., assignor to City of Jacksonville, a Municipal Corporation of the State of Florida. Filed Mar. 30, 1926. Serial No. 98,529. 1 Claim. (Cl. 70-123.)



A lock for the purpose comprising a pair of curved oppositely disposed locking elements free of connection with each other, each of said elements having its lower portion in the form of a rod bent to provide a hook formed with a bill to removably embrace one of the lateral nipples of a valve body, each of said elements having its upper portion formed of a flat bar extending at right angles to the hook, each bar having a pair of aligned apertures, the apertures of one bar aligning with the apertures of the other bar, the lower aligning apertures for the reception of the operating heads of the valve stem, to lock said head, the upper aligning apertures for the reception of a releasable locking device for said elements, said hooks being curved laterally from each other with a bill peripherally engaged with a nipple at opposite sides of the valve body, and the bars opposing each other and each receiving an arm of the head, said bars being inset with respect to the upper ends of said rods and extending towards each other.

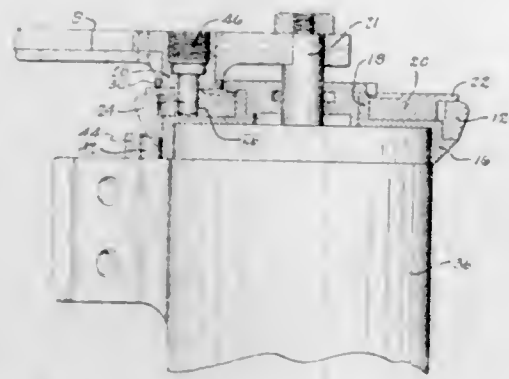
1,643,931. FILLING STOP MOTION FOR LOOMS. DAVID E. SKEDGELL, Millville, N. J., assignor to Millville Manufacturing Company, Millville, N. J., a Corporation of New Jersey. Filed Oct. 17, 1925. Serial No. 62,986. 6 Claims. (Cl. 139-377.)



1. A filling stop motion for looms, comprising a normally stationary slide operatively connected to the belt shipper tripping mechanism, a filling detector having depending prongs and a lateral tail piece carried by the slide, and a member embodying superposed hook arms moving constantly relative to the slide during operation of the loom, said hook arms being respectively capable of engaging the detector tail piece at different

levels incidental to positioning of the latter occasioned by absence of the filling, or by presence of abnormal obstructions other than the filling to effect automatic stoppage of the loom.

1,643,932. DOOR CLOSER. ERNEST L. TEICH, New Britain, Conn., assignor to The American Hardware Corporation, New Britain, Conn., a Corporation of Connecticut. Filed Nov. 27, 1926. Serial No. 151,055. 6 Claims. (Cl. 16-51.)

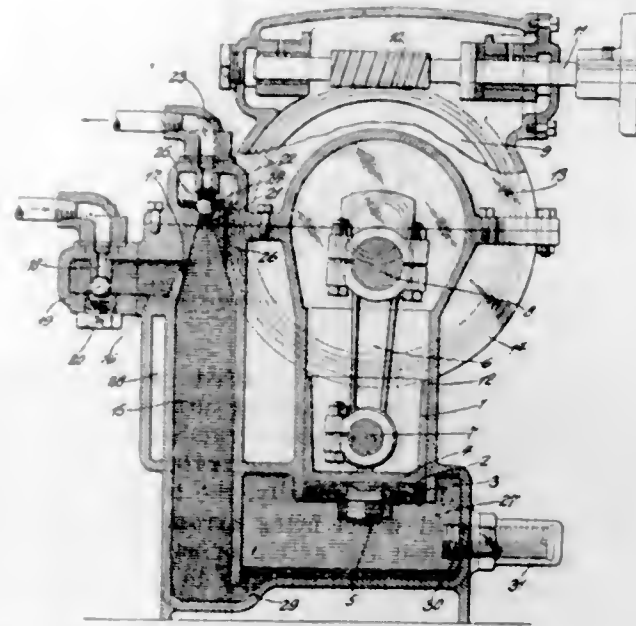


1. In a spring door closer, the combination of a rotatable lever, a cam revolving therewith and having a surface eccentric to the axis thereof, a spring casing and a stationary stop carried by said casing and adapted to be engaged and disengaged by the eccentric surface of said cam during the opening and closing movements of the door, said casing having means for securing it directly to the door to be controlled, and a spring driven shaft protruding from said spring casing, the axis of said cam being concentric with said spring driven shaft.

1,643,933. COMPRESSOR. EDWARD WILSON, St. Louis, Mo., assignor to The National Pump & Compressor Company, St. Louis, Mo., a Corporation of Delaware. Filed Nov. 17, 1923. Serial No. 675,384. 10 Claims. (Cl. 230-16.)

1. A compressor comprising a compression chamber having the interior of its upper end tapered and having a gas inlet through the wall of said tapered portion and a gas outlet at the apex of said tapered portion, a chamber above said compression chamber having a gas outlet therefrom and a vent passage opening into the compression chamber, a valve in said second chamber controlling the outlet passage from said compression

chamber, means for maintaining a liquid seal for said inlet passage, a cylinder, a chamber of larger area than said cylinder into which said cylinder opens and having



a passage opening into the compression chamber entirely below the lower end of the cylinder, and a piston operating in said cylinder.

1,643,934. BUILDING STRUCTURE. PHILLIP F. FLAGGE, Dubuque, Iowa, assignor to Klauer Manufacturing Co., Dubuque, Iowa. Filed Jan. 16, 1923. Serial No. 612,979. 1 Claim. (Cl. 103-13.)



A metallic building structure comprising a tubular connecting member having longitudinal inclined reentrant lips forming a double gutter, and a plurality of flat panels having their marginal portions bent to engage both faces of said lips to be retained in position thereby while permitting slight longitudinal movement between said panels and said connecting member, said connecting member being of heavier material than said panels and being of sufficient beam strength to serve as the sole supporting means for said panels.

ALPHABETICAL LIST OF REGISTRANTS OF TRADE-MARKS.

- A-One Products Co., New York, N. Y. Stain remover and dry cleaner of clothes. 232,478; Sept. 6. Class 4.
- Abbott, A. Theo., & Co., Philadelphia, Pa. Tapestry goods. 66,828; renewed Dec. 31, 1927.
- Aberdeen Comb Works Company, Limited, Aberdeen, Scotland. Tortoise-shell and horn combs. 64,184; renewed July 30, 1927.
- Altrens Publishing Company, Inc., New York, N. Y. Magazine. 232,419-20; Sept. 6; Serial Nos. 248,610-11; published June 14, 1927. Class 38.
- Allery, Joseph L., New Bedford, Mass. Preparation for treatment of neuritis, etc. 232,272; Sept. 6; Serial No. 247,923; published June 14, 1927. Class 6.
- Ajux Hand Brake Company, Chicago, Ill. Mechanism for manual operation of railway-car brakes. 232,365; Sept. 6; Serial No. 230,270; published June 28, 1927. Class 19.
- Alkasan Products, Inc., Chicago, Ill. Dental powder. 232,411; Sept. 6; Serial No. 248,666; published June 14, 1927. Class 6.
- Amalgamated Leather Companies, Inc., Wilmington, Del.; Philadelphia, Pa.; New York, N. Y.; Boston, Mass.; Rochester, N. Y.; Chicago, Ill.; and St. Louis, Mo. Kid, glazed kid, and other leathers. 232,269; Sept. 6; Serial No. 247,881; published June 21, 1927. Class 1.
- Amateur Cinema League, Inc., New York, N. Y. Magazine. 232,218; Sept. 6; Serial No. 248,387; published June 14, 1927. Class 38.
- Ambassador Cap Company. (See N. Y. Mfg. Corp.)
- American Company of Arkansas, Little Rock, Ark. Coffee. 232,189; Sept. 6; Serial No. 245,133; published June 21, 1927. Class 46.
- American Finance and Commerce Co., San Francisco, Calif. Firecrackers. 232,251-3; Sept. 6; Serial Nos. 249,400-2; published June 28, 1927. Class 9.
- American Lead Pencil Company, New York, N. Y. Rubber bands, pencils, and penholders. 232,227; Sept. 6; Serial No. 248,460; published June 28, 1927. Class 37.
- American Thread Company, The, New York, N. Y. Spool cotton, thread, and sewing cotton. 232,418; Sept. 6; Serial No. 248,614; published June 28, 1927. Class 43.
- Anchor Milling & Grocery Company, doing business as Anchor Milling Company, Albuquerque, N. Mex. Wheat flour and corn meal. 232,381; Sept. 6; Serial No. 214,576; published May 4, 1926. Class 46.
- Anderson, A. W., New York, N. Y. Compound for killing and repelling insects, for cleaning textiles, etc. 232,169; Sept. 6; Serial No. 247,514; published June 21, 1927. Class 6.
- Anderson Box Company, Indianapolis, Ind. Chick boxes for shipping. 232,265; Sept. 6; Serial No. 238,243; published June 28, 1927. Class 2.
- Anderson Box Company, Indianapolis, Ind. Chick and egg boxes, and cartons. 232,470; Sept. 6; Serial No. 248,460; published June 28, 1927. Class 2.
- Antidan Company, The. (See Hilt. Allee M.)
- Apex Razor Blade Corporation, The, Baltimore, Md. Safety-razor blades. 232,445; Sept. 6; Serial No. 249,035; published June 28, 1927. Class 23.
- Arco Battery & Plate Co., doing business as Fort Wayne Battery Plate Co., Fort Wayne, Ind. Battery plates and ignition storage batteries. 232,480; Sept. 6. Class 21.
- Arkin, James A., doing business as Etablissement d'Arnot, Hollywood, Calif. Perfumery. 232,228; Sept. 6; Serial No. 248,464; published June 14, 1927. Class 6.
- Ash Grove Lime & Portland Cement Company, Kansas City, Mo. Hydraulic cement. 232,294; Sept. 6; Serial No. 246,146; published June 14, 1927. Class 12.
- Baird & McGuire, Inc., Holbrook, Mass. Disinfectants and insecticides. 232,438; Sept. 6; Serial No. 249,147; published June 28, 1927. Class 6.
- Ballou, B. A., & Co., Inc., Providence, R. I. Ankle straps for shoes. 232,452; Sept. 6; Serial No. 247,062; published June 21, 1927. Class 39.
- Batsos, J., Woodlawn, Pa. Ointment. 232,328; Sept. 6; Serial No. 242,167; published June 14, 1927. Class 6.
- Beagle Hame Works, Freeland, Pa. Wooden hames. 67,220; renewed Jan. 21, 1928.
- Beaton, J. B., Co., Inc., New York, N. Y. Hosiery. 232,484; Sept. 6. Class 39.
- Beich, Paul F., Company, Bloomington, Ill. Candy. 232,405; Sept. 6; Serial No. 248,807; published June 21, 1927. Class 46.
- Belknap Hardware & Manufacturing Company, Louisville, Ky. Pneumatic tires and inner tubes. 232,499-50; Sept. 6; Serial Nos. 248,989-90; published June 28, 1927. Class 35.
- Belvedere Toilet Products Inc., St. Paul, Minn. Cold cream, vanishing cream, hair tonic, etc. 232,396; Sept. 6; Serial No. 227,769; published June 14, 1927. Class 6.
- Ben Rocks, Inc., New York, N. Y. Suits, overcoats, etc. 232,266; Sept. 6; Serial No. 245,923; published June 7, 1927. Class 39.
- Bengué, Jules, Paris, France. Balsams, purgatives, pastils, and anesthetics. 66,633; renewed Dec. 17, 1927.
- Benider & Schlesinger. (See Schlesinger, Maurice F.)
- Binney & Smith Company, New York, N. Y. Carbon black. 232,266; Sept. 6; Serial No. 238,036; published June 28, 1927. Class 10.
- Bischoff, Ernst Amalie Co. Inc., New York, N. Y. Treatment for amoebic dysentery. 232,215; Sept. 6; Serial No. 248,342; published June 14, 1927. Class 6.
- Blackburn, Maurice D., doing business as Mother Vance Co., Dixon, Ill. Poultry medicine. 232,457; Sept. 6; Serial No. 244,652; published June 14, 1927. Class 6.
- Blechman, S., & Sons, Inc., New York, N. Y. Women's marketing and shopping bags, children's toy bags, etc. 232,152; Sept. 6; Serial No. 247,249; published May 31, 1927. Class 3.
- Bliss, Alonzo O., Medical Company, The, Washington, D. C. Internal herb remedies for diseases of the blood, kidneys, and liver. 232,196; Sept. 6; Serial No. 245,467; published June 14, 1927. Class 6.
- Bloch Freres, Inc., New York, N. Y. Handkerchiefs. 232,273; Sept. 6; Serial No. 247,925; published June 28, 1927. Class 42.
- Blue Star Knitting Company, Milwaukee, Wis. Infants' vests. 232,476; Sept. 6. Class 39.
- Booth, F. E., Co., San Francisco, Calif. Canned fruits, vegetables, and sardines. 232,274; Sept. 6; Serial No. 247,926; published June 21, 1927. Class 46.
- Boott Mills, Lowell, Mass. Cotton piece goods. 66,322-3; renewed Nov. 19, 1927.
- Borden, M. C. D., & Sons, Inc., New York, N. Y. Cotton piece goods. 232,211; Sept. 6; Serial No. 248,278; published June 28, 1927. Class 42.
- Bradham, Caleb D., doing business as Bradham Drug Company, New Bern, N. C. Medicine for use in the treatment of coughs and spasmodic croup. 232,182; Sept. 6; Serial No. 247,728; published June 14, 1927. Class 6.
- Breeding, A. L., San Antonio, Tex. Medicine. 232,379; Sept. 6; Serial No. 243,528; published June 28, 1927. Class 6.
- Brick, Alexander, Vienna, Austria. Disinfectants, deodorants, and substances. 232,376; Sept. 6; Serial No. 243,747; published June 28, 1927. Class 6.
- Bricadell, James C., Atlantic City, N. J. Digestive tonic. 232,212; Sept. 6; Serial No. 248,279; published June 14, 1927. Class 6.
- Bryn Mawr Fruit Growers Association, Bryn Mawr, Calif. Oranges, lemons, and grapefruit. 232,323; Sept. 6; Serial No. 242,814; published June 28, 1927. Class 46.
- Builder's Specialty Co., Inc., Philadelphia, Pa. Cement colors. 232,170; Sept. 6; Serial No. 247,519; published June 21, 1927. Class 12.
- Bulletin Company, Philadelphia, Pa. Heading for newspaper articles. 232,242; Sept. 6; Serial No. 246,885; published June 21, 1927. Class 38.
- Bur-Bee Candy Co., Walla Walla, Wash. Candy. 232,447-8; Sept. 6; Serial Nos. 248,995-6; published June 21, 1927. Class 46.
- Bush, Juanita, Columbus, Miss. Hair and pressing oil, coconut-oil shampoo, and face powder. 232,469; Sept. 6. Class 6.
- Cable Company, The, Chicago, Ill. Musical instruments. 67,022; renewed Jan. 14, 1928.
- California Medicinal Wine Co., Los Angeles, Calif. Wine elixir. 232,343; Sept. 6; Serial No. 240,167; published June 14, 1927. Class 6.
- Campbell Coal Company, Atlanta, Ga. Coal. 232,456; Sept. 6; Serial No. 244,539; published June 21, 1927. Class 1.
- Campbell, Ross C., Springfield, Ill. Window awnings. 232,344; Sept. 6; Serial No. 240,127; published June 21, 1927. Class 50.
- Cannon Mills, Inc., New York, N. Y. Hosiery. 232,160; Sept. 6; Serial No. 247,359; published June 7, 1927. Class 39.
- Capwell Horse Nail Company, The, Hartford, Conn. Horseshoe nails. 67,010; renewed Jan. 14, 1928.
- Carson Pirie Scott & Co., Chicago, Ill. Towels. 232,360; Sept. 6; Serial No. 231,526; published June 28, 1927. Class 42.
- Cassatt, A., & Co., New York, N. Y. Olive oil. 232,163; Sept. 6; Serial No. 247,409; published June 21, 1927. Class 46.
- Center, George H., Du Quoin, Ill. assignor to Liveon Medicine Company. Medicines for the cure of pulmonary consumption. 63,655; renewed July 2, 1927.
- Century Printing Co. (See Hofmann, Peter C.)
- Certified Milk Producers' Association of America, Inc., The, Brooklyn, N. Y. Magazines. 232,451; Sept. 6; Serial No. 248,988; published June 28, 1927. Class 38.
- Chanin, Leo, New York, N. Y. Publications of advertisements and advertising prints. 232,459; Sept. 6; Serial No. 244,817; published June 21, 1927. Class 38.
- Chapa, Frank A., San Antonio, Tex. assignor to Dr. J. H. McLean Medicine Co., St. Louis, Mo. Remedial agent for stomach and muscular troubles. 64,451; renewed Aug. 6, 1927.

Charles & Co., New York, N. Y. Basketed fresh fruits. 66,380; renewed Nov. 26, 1927.
 Charles & Co., New York, N. Y. Candles, glacé fruits, etc. 66,792; renewed Dec. 31, 1927.
 Charters-Davis Company, Corona, Calif. Fresh citrus and deciduous fruits. 232,331; Sept. 6; Serial No. 241,982; published May 17, 1927. Class 46.
 Chaussures Bally Société Anonyme de Fabrication, Schoenenwerd, Switzerland. Boots, shoes, sandals, etc. 232,197; Sept. 6; Serial No. 245,473; published June 7, 1927. Class 39.
 Chemische Fabrik Stockhausen & Cie., Krefeld, Germany. Dyes and dyestuffs, etc. 232,395; Sept. 6; Serial No. 238,174; published June 28, 1927. Class 6.
 Chicago Mail Order Company, Chicago, Ill. Shoes and boots. 232,229; Sept. 6; Serial No. 246,660; published June 7, 1927. Class 39.
 Chicago Publishing Company, The, Chicago, Ill. Magazines. 232,183; Sept. 6; Serial No. 247,778; published June 21, 1927. Class 38.
 Citrus Products Company, Chicago, Ill. Flavors for frozen confections or other foods. 232,385; Sept. 6; Serial No. 212,173; published June 21, 1927. Class 46.
 Clafin Flour Mills. (See Colorado Milling & Elevator Co., The.)
 Clarks Products Inc., Binghamton, N. Y. Toilet cream. 232,233; Sept. 6; Serial No. 246,740; published June 28, 1927. Class 6.
 Cleveland Buckram & Bag Co., The, Cleveland, Ohio. Mats. 232,299; Sept. 6; Serial No. 246,465; published June 14, 1927. Class 50.
 Clifford, H. B., Roofing Co., Detroit, Mich. Roofing material. 232,201; Sept. 6; Serial No. 245,692; published June 21, 1927. Class 12.
 Cochran-Turney-Crispo, Inc., New York, N. Y. Fresh vegetables. 232,311; Sept. 6; Serial No. 248,555; published June 28, 1927. Class 46.
 Coe, Frederick B., London, England. Medicinal tonics. 232,338; Sept. 6; Serial No. 240,768; published June 21, 1927. Class 6.
 Coleman Mining Co., assignor, by mesne assignments, to The Coleman Mining Company, Louisville, Ky. Coal. 66,040; renewed Nov. 5, 1927.
 Colbourn, David O., Pawhuski, Okla. Preparation for the treatment of running and barking fits in dogs. 232,171; Sept. 6; Serial No. 247,522; published June 21, 1927. Class 6.
 Colorado Milling & Elevator Co., The, doing business as The Eaton Flour Mills, Denver, and Eaton, Colo. Wheat flour. 232,260; Sept. 6; Serial No. 234,096; published Sept. 7, 1926. Class 46.
 Colorado Milling & Elevator Co., The, Denver, Colo., also doing business as The Pacific Seed House, Salt Lake City, Utah. Horse, cow, chicken, etc. feed. 232,417; Sept. 6; Serial No. 248,620; published June 14, 1927. Class 46.
 Colorado Milling & Elevator Co., The, Denver, Colo., also doing business as The Clafin Flour Mills, Clafin, Kans. Wheat flour. 232,421; Sept. 6; Serial No. 248,621; published June 14, 1927. Class 46.
 Colton & Bernie, Inc., New York, N. Y. Knit goods—namely, hosiery and underwear. 232,324; Sept. 6; Serial No. 242,708; published Mar. 1, 1927. Class 39.
 Columbus-Union Oil Cloth Co., Columbus, Ohio. Oiled cloth. 232,382-3; Sept. 6; Serial Nos. 213,891-2; published June 28, 1927. Class 20.
 Commander Larabee Cereal Co. (See Larabee Flour Mills Company, The, assignor.)
 Cones, C. B., and Son Manufacturing Company, Indianapolis, Ind. Clothing. 64,420; renewed Aug. 6, 1927.
 Cosby-Wirth Manifold Book Company, The, Minneapolis, Minn. Triplotting sales book. 232,147; Sept. 6; Serial No. 247,127; published June 21, 1927. Class 37.
 Crofut & Knapp Co., The, South Norwalk, Conn. Fur hats. 66,857; renewed Dec. 31, 1927.
 Curby, Roy H., Fort Worth, Tex. Medicine. 232,463; Sept. 6; Serial No. 244,990; published June 21, 1927. Class 6.
 Curme, Gilbert E., doing business as U. Chocolate Shoppe, Chicago, Ill. Candy bars. 232,357; Sept. 6; Serial No. 232,258; published June 28, 1927. Class 46.
 Cutler-Lebinger Packing Company, Ontario, Calif. Canned fruits and vegetables. 232,466; Sept. 6; Class 46.
 Daprato Statuary Company, Chicago, Ill. Statuary. 66,705; renewed Dec. 24, 1927.
 Davo Manufacturing Co. (See Flato's Inc.)
 Dayton Hosiery Mills, Dayton, Tenn. Hosiery. 232,339; Sept. 6; Serial No. 240,644; published June 7, 1927. Class 39.
 Dayton Pump & Manufacturing Company, The, Dayton, Ohio. Water-softening apparatus. 232,219; Sept. 6; Serial No. 248,395; published June 28, 1927. Class 23.
 Dayton Pump & Manufacturing Company, The, Dayton, Ohio. Pumps. 232,275; Sept. 6; Serial No. 247,934; published June 28, 1927. Class 23.
 Dayton Pump & Manufacturing Company, The, Dayton, Ohio. Water-softening apparatus. 232,281; Sept. 6; Serial No. 248,092; published June 28, 1927. Class 23.
 Deane, Gerard C., Yonkers, N. Y. Plaster-of-Paris bandages. 232,220; Sept. 6; Serial No. 248,396; published June 28, 1927. Class 44.
 Delphos Mop Company, The, Delphos, Ohio. Floor mops. 232,435; Sept. 6; Serial No. 249,216; published June 28, 1927. Class 29.

De Tesson, S., Paris, France. Product for blackening the eyes. 232,362; Sept. 6; Serial No. 231,095; published June 21, 1927. Class 6.
 Detroit Oak Belting Company, Detroit, Mich. Leather belting. 67,331; renewed Jan. 28, 1928.
 Deutsche Xylolith-Platten-Fabrik Otto Seining & Co. G. m. b. H., Fretal-Potschappel, Germany. Flooring materials. 232,341; Sept. 6; Serial No. 240,407; published June 14, 1927. Class 12.
 Dictaphone Sales Corporation, New York, N. Y. Publications. 232,390; Sept. 6; Serial No. 206,113; published June 28, 1927. Class 38.
 Dodd, Dorothy, Shoe Company, Boston, Mass. Boots, shoes, and slippers. 232,238; Sept. 6; Serial No. 246,823; published June 7, 1927. Class 39.
 Doebler Die-Casting Co., Brooklyn, N. Y. Die-casting metal and die castings. 232,221; Sept. 6; Serial No. 248,309; published June 28, 1927. Class 14.
 Draper Company, assignor to Draper Corporation, Hopedale, Mass. Spinning rings for textile machinery. 65,823; renewed Oct. 23, 1927.
 Dreifuss, Leopold, San Francisco, Calif. Paint sets. 232,202; Sept. 6; Serial No. 245,699; published June 21, 1927. Class 50.
 Drucker, Samuel B., doing business as Yisa Company, New York, N. Y. Mayonnaise. 232,177-8; Sept. 6; Serial No. 247,603-4; published June 21, 1927. Class 46.
 Dundee Linen Shop, Newark, N. J. Linen damask tablecloths and napkins, sheets, and pillowcases, handkerchiefs, etc. 232,259; Sept. 6; Serial No. 234,594; published June 28, 1927. Class 42.
 Dunhill, Alfred, of London, Inc., New York, N. Y. Portable and pocket cigar and cigarette lighters. 232,226; Sept. 6; Serial No. 248,459; published June 28, 1927. Class 34.
 East Highlands Citrus Assn., East Highlands, Calif. Citrus fruits. 232,444; Sept. 6; Serial No. 249,046; published June 21, 1927. Class 46.
 Eastern Advertising Company, Inc., Pawtucket, R. I. Milk-bottle caps with attached order cards. 232,164; Sept. 6; Serial No. 247,418; published June 21, 1927. Class 50.
 Eaton Flour Mills, The. (See Colorado Milling & Elevator Co.)
 Eclipse Paint & Color Co., St. Louis, Mo. Metal paint. 232,284; Sept. 6; Serial No. 248,163; published June 21, 1927. Class 16.
 Elliott, Rosa B., Berwyn, Okla. Hair grower. 232,352; Sept. 6; Serial No. 233,815; published June 21, 1927. Class 6.
 El Paso Times Company, The, El Paso, Tex. Newspapers. 232,356; Sept. 6; Serial No. 232,723; published June 21, 1927. Class 38.
 Enterprise Manufacturing Company, The, Akron, Ohio. Hook holders for fishing tackle. 232,474; Sept. 6; Class 22.
 Erté, Inc., New York, N. Y. Perfumes, body lotions, face powders, etc. 232,172; Sept. 6; Serial No. 247,528; published June 14, 1927. Class 6.
 Etablissement d'Arnot. (See Arklu, James A.)
 Etablissements Paul Olmer & Cie., Paris, France. Neckties. 232,319; Sept. 6; Serial No. 243,353; published June 7, 1927. Class 39.
 Etablissements Raguet & Vignes. (See Itaguet, P., fils & R. Vignes.)
 Enreku Coal Company, Athens, Ohio. Coal. 232,354; Sept. 6; Serial No. 233,116; published July 20, 1926. Class 1.
 Excelso Products Company, West Allis, Wis. Top finishes and glaze finishes. 232,335; Sept. 6; Serial No. 241,271; published June 21, 1927. Class 4.
 Experimenter Publishing Company, New York, N. Y. Magazines. 232,173; Sept. 6; Serial No. 247,530; published June 28, 1927. Class 38.
 Faber, A. W., Inc., Newark, N. J. Pencils. 232,330; Sept. 6; Serial No. 241,993; published June 28, 1927. Class 37.
 Fawcous, The, Bradnock, Pa. Hosiery and shoes. 232,304; Sept. 6; Serial No. 246,602; published June 7, 1927. Class 39.
 Federal Glass Company, The, Columbus, Ohio. Glass tumblers, jugs, ice tubs, etc. 232,358; Sept. 6; Serial No. 231,851; published June 28, 1927. Class 33.
 Fennell, Perryman H., doing business as Fennell Coffee Company, San Antonio, Tex. Coffee. 232,165; Sept. 6; Serial No. 247,421; published June 28, 1927. Class 46.
 Firestone Footwear Company, Hudson, Mass. Footwear. 232,492; Sept. 6; Class 39.
 Fiske Brothers Refining Co., New York, N. Y. Camphorated liquid soap. 66,859; renewed Dec. 31, 1927.
 Fison Paint Products Company. (See Siegel, F. L. & Son.)
 Fitzgerald Manufacturing Company, The, Torrington, Conn. Therapeutic lamps. 232,216; Sept. 6; Serial No. 248,355; published June 28, 1927. Class 44.
 Flach & Benedict, Inc., Los Angeles, Calif. Bookkeeping supplies. 232,374; Sept. 6; Serial No. 244,967; published June 28, 1927. Class 37.
 Flaherty Baking Company, Covington, Ky. Bread. 232,217; Sept. 6; Serial No. 248,356; published June 14, 1927. Class 46.

Flato's Inc., doing business as Davo Manufacturing Co., Allston, Mass. Polish for furniture and automobiles. 232,222; Sept. 6; Serial No. 248,403; published June 28, 1927. Class 16.
 Florence Manufacturing Company, assignor to Prophy-lactic Brush Company, Northampton, Mass. Toothbrushes. 66,814; renewed Dec. 31, 1927.
 Flour Mills of America, Inc., Kansas City, Mo. Wheat flour, rye flour, Graham flour, etc. 232,455; Sept. 6; Serial No. 244,531; published June 14, 1927. Class 46.
 Forstmann & Hoffmann Company, Passaic, N. J. Woolen piece goods. 232,481; Sept. 6; Class 42.
 Fort Wayne Battery Plate Co. (See Arco Battery & Plate Co.)
 Frank, Richard, doing business as Richard Frank & Co., New York, N. Y. Canned crushed fruits in sirup. 232,394; Sept. 6; Serial No. 211,841; published May 17, 1927. Class 46.
 Franklin Simon & Co. Inc., New York, N. Y. Men's and boys' furnishings, undergarments, and clothing. 232,325; Sept. 6; Serial No. 242,600; published June 7, 1927. Class 39.
 Freedman, Samuel H., doing business as The Standard Raincoat Co., Boston, Mass. Rubberized and waterproof raincoats and overcoats. 232,458; Sept. 6; Serial No. 244,686; published June 7, 1927. Class 39.
 Friedman, L., Shoe Co., Inc., New York, N. Y. Shoes. 232,490; Sept. 6; Class 39.
 Friedman Bros. & Sons Neckwear Co., Inc., New York, N. Y. Ties, cravats, four-in-hand and bow ties. 232,475; Sept. 6; Class 39.
 Fruit Growers Supply Company, Los Angeles, Calif. Lumber. 232,300; Sept. 6; Serial No. 246,473; published Jan. 21, 1927. Class 12.
 Furmanite Corporation, The, Newport News, Va. Equipment for sealing leaks in metal containers. 232,149; Sept. 6; Serial No. 247,180; published June 28, 1927. Class 23.
 G & R Household Chemical Co. (See Reimers, Gerald H.)
 Gas Refrigeration Corporation, Scranton, Pa. Refrigerating apparatus. 232,410; Sept. 6; Serial No. 248,680; published June 21, 1927. Class 31.
 Gaylord Brothers, Incorporated, Syracuse, N. Y. Book-repair kits. 232,278; Sept. 6; Serial No. 247,993; published June 21, 1927. Class 50.
 Gehring, Henry, Company, The, Cleveland, Ohio. Ginger ale. 232,369; Sept. 6; Serial No. 229,791; published June 28, 1927. Class 45.
 General Dyestuff Corporation, New York, N. Y. Dyestuffs. 232,223; Sept. 6; Serial No. 248,404; published June 14, 1927. Class 6.
 General Radium Laboratories, Los Angeles, Calif. Medicinal preparation. 232,276; Sept. 6; Serial No. 247,945; published June 21, 1927. Class 6.
 Gerr, Harry, Inc., New York, N. Y. Hairdressings. 232,426; Sept. 6; Serial No. 248,491; published June 21, 1927. Class 6.
 Gladding McBean & Co., San Francisco, Calif. Publication. 232,310; Sept. 6; Serial No. 248,566; published June 14, 1927. Class 38.
 Glorioso, Angelo, New Orleans, La. Tomato paste. 232,351; Sept. 6; Serial No. 233,986; published June 21, 1927. Class 46.
 Goldman, Julian, Stores, Inc., The, New York, N. Y. Wearing apparel. 232,291; Sept. 6; Serial No. 246,029; published June 7, 1927. Class 39.
 Goodyear Tire & Rubber Company, The, Akron, Ohio. Pneumatic vehicle tires. 232,345; Sept. 6; Serial No. 239,618; published June 28, 1927. Class 35.
 Gordon-Pagel Company, assignor to Gordon Baking Company, Detroit, Mich. Bread. 232,388; Sept. 6; Serial No. 208,649; published June 7, 1927. Class 46.
 Graham Paper Company, St. Louis, Mo. Bristol board. 232,415; Sept. 6; Serial No. 248,633; published June 21, 1927. Class 37.
 Grain Belt Mills Company, South St. Joseph, Mo. Cattle feed. 232,412; Sept. 6; Serial No. 248,661; published June 14, 1927. Class 46.
 Grand Union Tea Co., Brooklyn, N. Y. Coffee and tea. 64,782; renewed Aug. 20, 1927.
 Grand Union Tea Co., Brooklyn, N. Y. Laundry starch. 65,476; renewed Oct. 8, 1927.
 Grand Union Tea Co., Brooklyn, N. Y. Flavoring extracts. 65,503; renewed Oct. 8, 1927.
 Grant, W. T., Company, Lynn, Mass., and New York, N. Y. Hydrometers. 232,446; Sept. 6; Serial No. 249,002; published June 28, 1927. Class 26.
 Grape Capsule Company, Allentown, Pa. Medicines. 64,458-9; renewed Aug. 6, 1927.
 Grays Harbor Baking Company, Aberdeen, Wash. Bread. 232,243; Sept. 6; Serial No. 246,896; published June 21, 1927. Class 46.
 Griffith Laboratories, Inc., The. (See Lavin, Harry, assignor.)
 Gronseth & Olsen, Duluth, Minn. Wheat flour. 63,875; renewed July 9, 1927.
 H. & B. Textile Chemical Corporation, New York, N. Y. Lubricant and dye penetrant for all kinds of textile materials. 232,437; Sept. 6; Serial No. 249,167; published June 28, 1927. Class 6.
 Haberkorn, L. J., Chatsworth, Ill. Medicinal composition for removing warts. 232,262; Sept. 6; Serial No. 238,654; published June 14, 1927. Class 6.

Habicht, Braun & Co., Chicago, Ill., to Habicht, Braun & Company, New York, N. Y. Shelled almonds. 66,960-6; renewed Jan. 7, 1928.
 Hale and Kilburn Manufacturing Company, The, assignor to Hale & Kilburn Co., Philadelphia, Pa. Chairs, beds, and car seats. 64,031; renewed July 23, 1927.
 Hanover Garter Co., Hanover, Pa. Garters. 232,472; Sept. 6; Class 39.
 Haran, S. A., & Co. Inc., New York, N. Y. Canned fish. 232,391; Sept. 6; Serial No. 205,334; published June 21, 1927. Class 46.
 Harlan Milling Company, Bardwell, Ky. Wheat flour. 232,406; Sept. 6; Serial No. 248,772; published June 21, 1927. Class 46.
 Harris, Daniel B., doing business as D. B. Harris Remedies Co., Greenwood, Mo. Swine plague medical preparation. 232,467; Sept. 6; Class 6.
 Haspel Brothers, Inc., New Orleans, La. Men's coats, pants, pyjama suits, shirts, etc. 232,302; Sept. 6; Serial No. 246,549; published June 7, 1927. Class 39.
 Hauck Milling Company, St. Joseph, Mo. Wheat flour. 232,392; Sept. 6; Serial No. 203,815; published June 21, 1927. Class 46.
 Hedman Manufacturing Company, Chicago, Ill. Mechanical check protectors and check certifiers. 232,307; Sept. 6; Serial No. 248,040; published June 28, 1927. Class 23.
 Heyden Chemical Corporation. (See Nachfolger, Dr. F. von Heyden, assignor.)
 Hilt, Alice M., doing business as The Antidan Company, Allendale, N. J. Preparation for treating the scalp and removing dandruff. 232,336; Sept. 6; Serial No. 241,158; published June 21, 1927. Class 6.
 Hoffman, F. W., & Company, Inc., Philadelphia, Pa. Hydraulic lift and force pump. 232,191; Sept. 6; Serial No. 245,211; published June 28, 1927. Class 23.
 Hofmann, Peter C., doing business as Century Printing Co., St. Louis, Mo. Envelopes, letterheads, billboards, etc. 232,428; Sept. 6; Serial No. 237,414; published June 21, 1927. Class 37.
 Holden, John A., Baltimore, Md. Mailing sheet. 232,282; Sept. 6; Serial No. 248,103; published June 21, 1927. Class 37.
 Holton & Adams, assignor to Holton & Adams, Inc., New York, N. Y. Brushes. 66,951; renewed Jan. 7, 1928.
 Home Builders Catalog Co., Chicago, Ill. Annual publication. 232,198; Sept. 6; Serial No. 245,486; published June 21, 1927. Class 38.
 Houghton, E. F., & Co., Philadelphia, Pa. Compounds for processing pure silk. 232,309; Sept. 6; Serial No. 248,571; published June 28, 1927. Class 6.
 Howards & Sons Limited, Ilford, England. Solvents. 232,407-9; Sept. 6; Serial Nos. 248,697-9; published June 21, 1927. Class 6.
 Hudnut, Richard, New York, N. Y. Rouge, lip stick, and face powder. 232,402; Sept. 6; Serial No. 248,906; published Jan. 21, 1927. Class 6.
 Hudnut, Richard, New York, N. Y. Rouge, lip stick, and face powder. 232,403; Sept. 6; Serial No. 248,904; published Jan. 21, 1927. Class 6.
 Hunter, James, Machine Company, North Adams, Mass. Automatic feeds, card breasts, cloth washers, etc. 232,208; Sept. 6; Serial No. 245,990; published June 28, 1927. Class 23.
 Hutchings & Company, San Francisco, Calif. Wool and worsted suiting piece goods. 232,487; Sept. 6; Class 42.
 I. C. Candy Co., Brooklyn, N. Y. Caramels. 232,389; Sept. 6; Serial No. 207,870; published May 26, 1925. Class 46.
 Illinois Canning Co., Camden, N. J., and Hoopeston, Ill., assignor to The Illinois Canning Co., Hoopeston, Ill. Canned vegetables. 67,052-3; renewed Jan. 14, 1928.
 International Motor Company, New York, N. Y. Motor trucks. 232,268; Sept. 6; Serial No. 247,860; published June 28, 1927. Class 19.
 Ireland Candy Company, St. Louis, Mo., and Los Angeles, Calif. Candy. 232,248; Sept. 6; Serial No. 247,021; published June 28, 1927. Class 46.
 Irex Products Company. (See Rosenbaum, Edward.)
 Isbell-Porter Co., Newark, N. J. Street governors, gate gas valves, etc. 232,371; Sept. 6; Serial No. 224,409; published June 28, 1927. Class 13.
 Jessop, S. T., Co., Inc., Chicago, Ill. Combination ash tray, cigarette holder, and match holder. 232,250; Sept. 6; Serial No. 249,427; published June 28, 1927. Class 8.
 Johnson Coffee Co., Chattanooga, Tenn. Coffee. 232,213; Sept. 6; Serial No. 248,301; published June 21, 1927. Class 46.
 Julian Products Co. (See Perlzweig, Julia.)
 Justice, Charles B., & Co., San Diego, Calif. Honey. 232,301; Sept. 6; Serial No. 248,573; published July 5, 1927. Class 46.
 Kampf, H. D., Inc., New York, N. Y. Dry-cleaning fluid. 232,329; Sept. 6; Serial No. 242,134; published June 28, 1927. Class 4.
 Kanitz, Ed., & Co., Aktiengesellschaft, Wien, Vienna, Austria. Photographic apparatus. 232,347; Sept. 6; Serial No. 239,371; published June 28, 1927. Class 26.
 Kayser, Julius, & Co., New York, N. Y. Stockings. 232,337; Sept. 6; Serial No. 240,821; published Apr. 12, 1927. Class 39.

Kenfield-Davis Publishing Company, Chicago, Ill. Magazines. 232,199; Sept. 6; Serial No. 245,563; published June 21, 1927. Class 38.

Kenmore Co., The. (See Whitney, Walter R.)

Kennedy, Augustine J., Brooklyn, N. Y. Nail polish, toilet water, lip rouge, face rouge, face powder, etc. 232,318; Sept. 6; Serial No. 243,370; published June 21, 1927. Class 6.

Kennedy, Augustine J., Brooklyn, N. Y. Nail polish, toilet water, lip rouge, etc. 232,380; Sept. 6; Serial No. 243,371; published June 21, 1927. Class 6.

Keystone Publishing Co., The, Philadelphia, Pa. Publication. 232,153; Sept. 6; Serial No. 247,274; published June 28, 1927. Class 38.

Kingstone, Max O., doing business as Kingstone Bedding Co., San Francisco, Calif. Mattresses, pillows, and cushions. 232,200; Sept. 6; Serial No. 245,644; published June 28, 1927. Class 32.

Kohn-Rottwell Aktiengesellschaft, Berlin, Germany. Silk and other fibers made from cellulose. 232,258; Sept. 6; Serial No. 235,482; published June 21, 1927. Class 1.

Kroger Grocery & Baking Co., The, Cincinnati, Ohio. Fruit-jar rings. 232,439; Sept. 6; Serial No. 249,128; published June 28, 1927. Class 35.

Kubeln, Samuel, New York, N. Y. Men's and boys' clothing. 232,489; Sept. 6; Class 39.

Kuhn, Joseph, Chicago, Ill. Metal advertising device. 232,454; Sept. 6; Serial No. 244,504; published June 28, 1927. Class 23.

Ladd Hoffmann Products Co., Los Angeles, Calif. Jams, jellies, and marmalades. 232,190; Sept. 6; Serial No. 245,149; published June 21, 1927. Class 46.

Lamont, Corlies & Company, New York, N. Y. Milk chocolate coating and milk cocoa. 232,334; Sept. 6; Serial No. 241,629; published June 28, 1927. Class 46.

Larabee Flour Mills Company, The, Kansas City Mo., assignor to Commander Larabee Cereal Co., Chicago, Ill. Wheat flour. 232,206; Sept. 6; Serial No. 246,295; published June 14, 1927. Class 46.

Lavin, Harry, Canton, Ohio, assignor to The Griffith Laboratories, Inc., Chicago, Ill. Pickling salt. 232,287-8; Sept. 6; Serial Nos. 245,992-3; published June 14, 1927. Class 6.

Lee Rubber & Tire Corporation, Conshohocken, Pa. Vehicle tires. 232,483; Sept. 6; Class 35.

Leonardt, D., and Company, Birmingham, England. Metallic pens. 232,327; Sept. 6; Serial No. 242,235; published June 28, 1927. Class 37.

Levin, Joseph H., doing business as Ni-Yel Mfg. Co., Baltimore, Md. Face and hand lotion. 232,416; Sept. 6; Serial No. 246,962; published June 14, 1927. Class 6.

Levine & Smith, Boston, Mass. Hats and caps. 232,239; Sept. 6; Serial No. 246,828; published June 7, 1927. Class 39.

Lilley Co., The, Columbus, Ohio. Hand bags and traveling cases. 232,370; Sept. 6; Serial No. 229,239; published June 14, 1927. Class 3.

Link-Belt Company, Chicago, Ill. Oil-well drives and counterweighted disks on the drive. 232,443; Sept. 6; Serial No. 249,076; published June 28, 1927. Class 23.

Littell Candy Co. (See Weinstein & Smith.)

Livcon Medicine Company. (See Center, George H., assignor.)

Loewith, Julius, Inc., New York, N. Y. Form of peat moss used as a scratch medium for poultry, etc. 232,361; Sept. 6; Serial No. 231,112; published Apr. 12, 1927. Class 1.

Long, Alphens C., Paris, France, to R. C. Long, St. Louis, Mo., successor. Remedy for catarrh, consumption, indigestion, and constipation. 63,961; renewed July 16, 1927.

Long's Hat Stores Corporation, New York, N. Y. Men's hats. 232,247; Sept. 6; Serial No. 246,964; published June 7, 1927. Class 39.

Loomis, W. H., Tale Corporation, Gouverneur, N. Y. Gritless short-fiber paper filler especially prepared for the paper industry, etc. 232,295; Sept. 6; Serial No. 246,169; published June 14, 1927. Class 1.

Lorraine Manufacturing Company, Pawtucket, R. I. Textile of cotton and rayon mixture. 232,425; Sept. 6; Serial No. 248,505; published June 28, 1927. Class 42.

Loudspeaker Publishing Corporation, New York, N. Y. Publications. 232,184; Sept. 6; Serial No. 247,799; published June 14, 1927. Class 38.

Lynch, Minnie J., Waterbury, Conn. Healing salve for cuts, burns, boils, etc. 232,404; Sept. 6; Serial No. 248,851; published June 28, 1927. Class 6.

Magnetic Polish Company, Inc., St. Louis, Mo. Metal polish. 232,230; Sept. 6; Serial No. 246,694; published June 28, 1927. Class 4.

Marion Steam Shovel Company, The, Marion, Ohio. Magazine. 232,398; Sept. 6; Serial No. 248,904; published June 28, 1927. Class 38.

Markowitz, J., & Son, Inc., New York, N. Y. Misses' and children's dresses, blouses, suits, boys' wash suits, etc. 232,471; Sept. 6; Class 39.

Marshall Field & Company, Chicago, Ill. Shoes. 232,148; Sept. 6; Serial No. 247,177; published June 7, 1927. Class 39.

Martin Publications, Inc., New York, N. Y. Magazine. 232,209; Sept. 6; Serial No. 248,239; published June 14, 1927. Class 38.

Martinez, B. Sons Co., San Antonio, Tex. Corn flour. 232,174; Sept. 6; Serial No. 247,553; published June 21, 1927. Class 46.

Mayo Milling Company, Inc., Richmond, Va. White-corn table meal. 232,150; Sept. 6; Serial No. 247,198; published June 14, 1927. Class 46.

Maywood Packing Co., assignor to Maywood Packing Company, Corning, Calif. Canned, dried, and fresh fruits and olive oil. 66,177; renewed Nov. 12, 1927.

Mazawattee Tea Company, Limited, The, London, England. Cocoa and chocolate. 66,688; renewed Dec. 24, 1927.

McEwen, Irvin, Omaha, Nebr. Toilet, cold, cleansing, and vanishing cream, toilet powder, etc. 232,308; Sept. 6; Serial No. 248,584; published June 21, 1927. Class 6.

McLaurin-Jones Co., Brookfield, Mass. Gummed paper or cloth tape. 232,179-80; Sept. 6; Serial Nos. 247,623-4; published June 21, 1927. Class 37.

McLean, Dr. J. H., Medicine Co. (See Chapa, Frank A., assignor.)

McNeal, H. B., doing business as Pittsburgh Pretzel Co., Limited, Pittsburgh, Pa. Potatoes. 232,167; Sept. 6; Serial No. 247,478; published June 21, 1927. Class 46.

Merck, E., Darmstadt, Germany. Chemical preparation for use in medicine. 232,375; Sept. 6; Serial No. 243,961; published June 21, 1927. Class 6.

Meriden Gravure Company, The, Meriden, Conn. Pictures, illustrations, display cards, greeting cards, and booklets. 232,279; Sept. 6; Serial No. 248,908; published June 28, 1927. Class 38.

Merwin, W. C., Strathmore, Calif. Fresh grapes and pomegranates. 232,332; Sept. 6; Serial No. 241,893; published June 28, 1927. Class 46.

Miller, I., & Sons, Inc., Long Island City, N. Y. Shoes, slippers, and boots, etc. 232,280; Sept. 6; Serial No. 245,010; published June 7, 1927. Class 39.

Miller, John K., Lynchburg, Va. Medicine for piles. 232,161; Sept. 6; Serial No. 247,382; published June 14, 1927. Class 6.

Montlor Bros., New York, N. Y. Antique furniture. 232,488; Sept. 6; Class 32.

Mother Vance Co. (See Blackburn, Maurice D.)

Motor Terminals Company, New York, N. Y. Automobile trucks and removable bodies therefor. 232,340; Sept. 6; Serial No. 240,428; published June 28, 1927. Class 9.

Mueller Brass Co., Port Huron, Mich. Pipes of non-ferrous metal. 232,429; Sept. 6; Serial No. 237,276; published June 28, 1927. Class 13.

Mueller, H., Manufacturing Company, assignor to Mueller Co., Decatur, Ill. Valves, cocks, pressure regulators, and tapping machines. 30,910; renewed Nov. 30, 1927.

Multer, Albert F., sr., Portsmouth, Ohio. Corned-beef luncheon roll. 232,373; Sept. 6; Serial No. 216,982; published Nov. 23, 1926. Class 46.

Munsey, Frank A., Company, The, New York, N. Y. Magazine. 232,292; Sept. 6; Serial No. 246,109; published June 21, 1927. Class 38.

N. Y. Mfg. Corp., doing business as Ambassador Cap Company, New York, N. Y. Infants' caps and bonnets and children's hats. 232,404; Sept. 6; Class 39.

Nachfolger, Dr. F. von Heyden, Radebeul, Germany, assignor, by mesne assignments, to Heyden Chemical Corporation, New York, N. Y. Sweetening compound. 27,330; renewed Nov. 26, 1925.

Nachfolger, Dr. F. von Heyden, Radebeul, Germany, assignor, by mesne assignments, to Heyden Chemical Corporation, New York, N. Y. Antiseptic for internal and external use. 27,482; renewed Dec. 17, 1925.

Nashua Package Sealing Co., Inc., Nashua, N. H. Devices for moistening and/or serving adhesive or gummed tape, labels, and the like strip material. 232,193; Sept. 6; Serial No. 245,366; published June 28, 1927. Class 37.

Natamsa Publishing Company, Inc., New York, N. Y. Publication. 232,434; Sept. 6; Serial No. 249,233; published June 28, 1927. Class 38.

National Gut String Mfg. Co., Inc., Chicago, Ill. Gut string for tennis rackets. 232,175; Sept. 6; Serial No. 247,557; published June 28, 1927. Class 22.

New Departure Manufacturing Company, The, Bristol, Conn. Antifriction bearings and parts thereof. 232,433; Sept. 6; Serial No. 249,234; published June 28, 1927. Class 23.

New Ulm Roller Mill Company, New Ulm, Minn. Wheat flour. 64,446; renewed Aug. 6, 1927.

Nimrod, Limited, London, England. Combination natural gas and fuel oil burners. 232,231; Sept. 6; Serial No. 246,703; published June 28, 1927. Class 34.

Nisch, Moye J., San Francisco, Calif. Cold remedies. 232,353; Sept. 6; Serial No. 233,143; published June 14, 1927. Class 6.

Ni-Yel Mfg. Co. (See Levin, Joseph H.)

Noland, Edward T., doing business as The Edward T. Noland Black Rock Chemical Mfg. Co., Long Beach, Calif. Antiseptic and germicide. 232,154; Sept. 6; Serial No. 247,282; published June 14, 1927. Class 6.

Norddeutsche Kartoffelmehl-Fabrik mit beschränkter Haftung, Custrin, Germany. Glucose, grape-sugar, and potato-starch sirup. 65,263; renewed Sept. 17, 1927.

North American Mercantile Company, San Francisco, Calif. Canned crab meat. 232,442; Sept. 6; Serial No. 249,088; published June 21, 1927. Class 46.

Norwalk Vault Company, The, Norwalk, Ohio. Molds for making concrete burial vaults. 232,285; Sept. 6; Serial No. 248,187; published June 28, 1927. Class 23.

Nox-Air-Ake Co., The, Mannington, W. Va. Headache tablets and powders. 232,185; Sept. 6; Serial No. 247,813; published June 28, 1927. Class 6.

Nuvo Corporation, The, New York, N. Y. Dry cleaners. 232,297; Sept. 6; Serial No. 246,356; published June 21, 1927. Class 4.

Obmayer S., Co., The, Chicago, Ill. Furnace cement. 232,263; Sept. 6; Serial No. 238,608; published June 14, 1927. Class 12.

Old Trusty Dog Food Company, Needham Heights, Mass. Dog food. 232,350; Sept. 6; Serial No. 244,090; published June 21, 1927. Class 46.

Olmstead Corporation, Springfield, Mass. Sanitary belts. 232,176; Sept. 6; Serial No. 247,562; published June 28, 1927. Class 44.

Oregon City Manufacturing Company, doing business as Oregon City Woolen Mills, Oregon City, Oreg. Virgin-wood bed blankets. 232,491; Sept. 6; Class 42.

Oregonian Publishing Company, The, Portland, Oreg. Title for a column of news. 232,158; Sept. 6; Serial No. 247,340; published June 21, 1927. Class 38.

Ottawa Silica Co., The, Ottawa, Ill. Sand. 232,453; Sept. 6; Serial No. 244,411; published June 14, 1927. Class 1.

Pacific Guano & Fertilizer Company, The, San Francisco, Calif. Spray for agricultural purposes. 232,151; Sept. 6; Serial No. 247,204; published June 28, 1927. Class 6.

Pacific Seed House, The. (See Colorado Milling & Elevator Co., The.)

Package Paper Company, Springfield, Mass. Wrapping paper. 232,477; Sept. 6; Class 37.

Padelford, Chester O., doing business as The Vendre Company, Glen Ridge, N. J., and Boston, Mass. Cold creams. 232,305; Sept. 6; Serial No. 246,622; published June 21, 1927. Class 6.

Pantex Pressing Machine, Inc., Pawtucket, R. I. Garment-pressing machines and parts thereof. 232,210; Sept. 6; Serial No. 248,244; published June 28, 1927. Class 24.

Parks, Ernest W., Ontario, Calif. Medicine for garget, and inflammation and swollen udders in cows. 232,377; Sept. 6; Serial No. 243,664; published June 21, 1927. Class 6.

Peres, Daniel, to Kurt Peres, doing business as Daniel Peres, Solingen, Germany, successor. Penknives, razors, and scissors. 60,727; renewed Feb. 19, 1927.

Perlzeig, Julia, doing business as Julian Products Co., Yonkers, N. Y. Catamenial protectors. 232,322; Sept. 6; Serial No. 242,853; published June 28, 1927. Class 44.

Pick, Albert, & Company, Chicago, Ill. China dishes and crockery. 232,224; Sept. 6; Serial No. 248,439; published June 28, 1927. Class 30.

Pierce-Arrow Motor Car Company, The, Buffalo, N. Y. Automotive vehicles. 232,225; Sept. 6; Serial No. 248,440; published June 28, 1927. Class 19.

Pittsburgh Pretzel Co., Limited. (See McNeal, H. B.)

Pocahontas Fuel Company Incorporated, Pocahontas, Va., and New York, N. Y. Coal. 232,348; Sept. 6; Serial No. 238,667; published June 14, 1927. Class 1.

Pozzoni, J. A., Pharmaceutical Company, The, New York, N. Y. Complexion powder. 232,204; Sept. 6; Serial No. 245,920; published June 21, 1927. Class 6.

Premier Color Works, New York, N. Y. Food-flavoring extracts. 232,359; Sept. 6; Serial No. 231,031; published June 21, 1927. Class 46.

Premier Electric Company, Chicago, Ill. Radio receiving sets. 232,473; Sept. 6; Class 21.

Prep School Publications, Inc., Janesville, Wis. Magazine. 232,401; Sept. 6; Serial No. 248,925; published June 28, 1927. Class 38.

Professional Press, Incorporated, The, Chicago, Ill. Professional appointment books. 232,441; Sept. 6; Serial No. 249,095; published June 28, 1927. Class 37.

Prophy-lac-tic Brush Company. (See Florence Manufacturing Company, assignor.)

Publix Theatres Corporation, New York, N. Y. Coupon books and coupons. 232,399; Sept. 6; Serial No. 248,929; published June 28, 1927. Class 38.

Publix Theatres Corporation, New York, N. Y. Coupon books and coupons. 232,400; Sept. 6; Serial No. 248,927; published June 28, 1927. Class 38.

Purbeck, D. B., & Co., Boston, Mass. Shoe lining. 232,286; Sept. 6; Serial No. 248,195; published June 28, 1927. Class 42.

Puyallup & Sumner Fruit Growers Association, Puyallup, Wash. Canned fruits, berries, and vegetables, jams, jellies, etc. 232,234; Sept. 6; Serial No. 246,771; published June 28, 1927. Class 46.

Queen City Printing Ink Company, The, Cincinnati, Ohio. Printing inks. 232,303; Sept. 6; Serial No. 246,568; published June 28, 1927. Class 11.

Radio Manufacturers' Publishing Company, Chicago, Ill. Periodical. 232,436; Sept. 6; Serial No. 249,193; published June 28, 1927. Class 38.

Raffaele, Cafarelli, Newport, R. I., to Raffaele Cafarelli, Bronx, N. Y. Remedy for tuberculosis, general debility, coughs, and colds. 63,943; renewed July 16, 1927.

Raguet, P., fils & R. Vignes, to Etablissements Raguet & Vignes, Troyes, France, successor. Knit goods. 65,325; renewed Sept. 17, 1927.

Ramar Syndicate, Incorporated, Norfolk, Va. Paper pulp. 232,244; Sept. 6; Serial No. 246,932; published June 14, 1927. Class 1.

Readers' Publishing Corp., New York, N. Y. Publication. 232,205; Sept. 6; Serial No. 245,921; published June 21, 1927. Class 38.

Red Mill Packing Co., Inc., New York, N. Y. Potatoes. 232,186; Sept. 6; Serial No. 247,818; published June 21, 1927. Class 46.

Red Star Milling Company, The, Wichita, Kans. Wheat flour. 232,387; Sept. 6; Serial No. 209,365; published Apr. 13, 1926. Class 46.

Reflexol Products Co. (See Stollenwerk, Jacob.)

Reimers, Gerald H., doing business as G & R Household Chemical Co., Manning, Iowa. Dry cleaner. 232,355; Sept. 6; Serial No. 232,944; published June 28, 1927. Class 4.

Reliable Silk Manufacturing Co., New York, N. Y. Textile fabrics. 232,320; Sept. 6; Serial No. 243,169; published June 28, 1927. Class 42.

Reliable Silk Manufacturing Co., New York, N. Y. Textile fabrics. 232,333; Sept. 6; Serial No. 241,670; published June 28, 1927. Class 42.

Republic Metalware Co., The, Buffalo, N. Y. Dry and liquid measures, measuring cups, and portable liquid tank-wagon measures. 232,235; Sept. 6; Serial No. 246,776; published June 28, 1927. Class 26.

Rexgold Manufacturing Company, Wilmington, Del. Photographs. 232,194; Sept. 6; Serial No. 245,369; published June 21, 1927. Class 38.

Royes, B. N., Philadelphia, Pa. Attachment to be secured to the bottoms of doors to prevent drafts. 232,270; Sept. 6; Serial No. 247,908; published June 28, 1927. Class 13.

Rheu-Ch-Tam Medicine Company. (See Svebla, Joseph.)

Richland Fruit Co., Shafter, Calif. Grapes. 232,506; Sept. 6; Serial No. 246,633; published June 21, 1927. Class 46.

Rockland Chemical Co., Newark, N. J. Insecticides. 232,283; Sept. 6; Serial No. 248,129; published June 21, 1927. Class 6.

Roebling's, John A., Sons Co., Trenton, N. J. Wire rope. 232,393; Sept. 6; Serial No. 192,734; published May 18, 1925. Class 7.

Roper, Geo. D., Corporation, Rockford, Ill. Gas ranges, plates, heaters, air and gas mixers, etc. 232,460; Sept. 6; Serial No. 244,888; published June 28, 1927. Class 34.

Rosenbaum, Edward, doing business as Irex Products Company, New York, N. Y. Poultry tonic. 232,166; Sept. 6; Serial No. 247,449; published June 21, 1927. Class 6.

Ross, Sydney, Co., The, Newark, N. Y. Soap. 232,246; Sept. 6; Serial No. 246,940; published June 21, 1927. Class 4.

Rubens & Marble, to Rubens & Marble, Inc., Chicago, Ill., successor. Knit undershirts. 66,377; renewed Nov. 26, 1927.

Rubens & Marble, to Rubens & Marble, Inc., Chicago, Ill., successor. Knit undershirts. 66,672; renewed Dec. 17, 1927.

Russeks Fifth Avenue Inc., New York, N. Y. Hats, shoes, sweaters, etc. 232,465; Sept. 6; Class 39.

Russell's Commercial News, Inc., New York, N. Y. Publication. 232,255; Sept. 6; Serial No. 249,299; published June 28, 1927. Class 38.

Rycroft-Arctic Soda Company, Limited, Honolulu, Hawaii. Ginger ale. 232,482; Sept. 6; Class 45.

Salinas Valley Canning Co., Salinas, Calif. Canned fruits and vegetables and dried fruits. 232,277; Sept. 6; Serial No. 247,971; published June 28, 1927. Class 46.

Salmon Exchange, Inc., Astoria, Oreg. Canned salmon. 232,203; Sept. 6; Serial No. 245,865; published June 28, 1927. Class 46.

Sanders, Geo. D., sr., Columbus, Miss. Bicycle tire-puncture-sealing compound. 232,257; Sept. 6; Serial No. 236,064; published June 14, 1927. Class 5.

Saver Manufacturing Company, Los Angeles, Calif. Measuring and delivering devices for granular or liquid products. 232,440; Sept. 6; Serial No. 249,099; published June 28, 1927. Class 26.

Sawyer & Murray, Fresno, Calif. Fresh deciduous fruits and grapes, dried fruits, and raisins. 232,427; Sept. 6; Serial No. 237,475; published June 28, 1927. Class 46.

Schlesinger, Maurice F., doing business as Bender & Schlesinger, New York, N. Y. Toilet and facial products. 232,349; Sept. 6; Serial No. 244,325; published June 21, 1927. Class 6.

Schocket-Ritter Co., Inc., New York, N. Y. Ladies' purses, hand bags, and pocketbooks. 232,414; Sept. 6; Serial No. 248,652; published June 21, 1927. Class 3.

Schofield, Harry J., Peoria, Ill. Concrete hardener, water-proofer, and preserver. 232,155; Sept. 6; Serial No. 247,291; published June 21, 1927. Class 12.

Sheridan-Wyoming Coal Company, Incorporated, Sheridan, Wyo. Coal. 232,289; Sept. 6; Serial No. 246,002; published June 21, 1927. Class 1.

Shoe Form Co., Inc., The, Auburn, N. Y. Plastic cellulose derivative. 232,342; Sept. 6; Serial No. 240,221; published June 14, 1927. Class 1.

ALPHABETICAL LIST OF REGISTRANTS OF TRADE-MARKS.

- Siegel, F. I. & Son, doing business as Elson Paint Products Company, Union City, N. J. Paints, paste, varnish, lacquer, and paint enamels. 232,188; Sept. 6; Serial No. 245,109; published June 28, 1927. Class 16.
- Sierra Food Company, Los Angeles, Calif. Cheese. 232,386; Sept. 6; Serial No. 209,502; published June 7, 1927. Class 46.
- Silberstein, Charles H., Brooklyn, N. Y. Medicine. 232,187; Sept. 6; Serial No. 247,829; published June 14, 1927. Class 6.
- Smalley, John C., Bridgeport, Ala. Medicine for diarrhea. 232,290; Sept. 6; Serial No. 246,004; published June 28, 1927. Class 6.
- Smith, D. B., & Company, Inc., Utica, N. Y. Sprayers, spray pumps, and powder dusters. 232,431-2; Sept. 6; Serial Nos. 249,242-3; published June 28, 1927. Class 23.
- Smith, J. P., Shoe Co., Chicago, Ill. Shoes. 232,372; Sept. 6; Serial No. 219,695; published Sept. 21, 1926. Class 39.
- Speedex Chemical Company, Fort Lauderdale, Fla. Vermin destroyers and insect exterminators. 232,261; Sept. 6; Serial No. 234,063; published Sept. 7, 1927. Class 6.
- Springfield Leather Products Company, The, Springfield, Ohio. Dairies. 232,214; Sept. 6; Serial No. 248,332; published June 28, 1927. Class 37.
- Standecker & Company, Seattle, Wash. Ladies' hats. 232,195; Sept. 6; Serial No. 245,413; published May 17, 1927. Class 39.
- Standard Raincoat Co., The. (See Freedman, Samuel H.)
- Stevens, Frederic B., to Frederic B. Stevens, Inc., Detroit, Mich., successor. Foundry facings. 50,800; renewed Oct. 16, 1926.
- Stewart, M. I. & Co., Inc., New York, N. Y. Hats, furs, dresses, coats, etc. 232,468; Sept. 6. Class 6.
- Stollenwerk, Jacob, doing business as Reflexol Products Co., New York, N. Y. Metal polish. 232,298; Sept. 6; Serial No. 246,447; published June 21, 1927. Class 4.
- Strossell, Joseph J., Brooklyn, N. Y. Liquid preparation to refresh the face and improve its appearance. 232,168; Sept. 6; Serial No. 247,500; published June 28, 1927. Class 6.
- Stylepark Hats, Inc., Philadelphia, Pa. Men's hats. 232,326; Sept. 6; Serial No. 242,629; published June 7, 1927. Class 39.
- Superior Sheet Steel Company, The, Canton, Ohio. Lead covered or coated steel or iron sheets. 232,479; Sept. 6. Class 14.
- Svehla, Joseph, doing business as Rheu-Ci-Tam Medicine Company, St. Louis, Mo. Medicinal compound. 232,245; Sept. 6; Ser. No. 246,939; published June 28, 1927. Class 6.
- Swartwood-Nelson Paper Co., Minneapolis, Minn. Writing paper. 232,363; Sept. 6; Serial No. 231,022; published June 28, 1927. Class 37.
- Swayzee Milling Company, The. (See United Grain and Supply Company.)
- Swift and Company, Chicago, Ill. Glue. 232,312; Sept. 6; Serial No. 248,534; published June 14, 1927. Class 5.
- Swift and Company, Chicago, Ill. Glue. 232,313; Sept. 6; Serial No. 248,533; published June 21, 1927. Class 5.
- Swift and Company, Chicago, Ill. Glue. 232,314; Sept. 6; Serial No. 248,532; published June 14, 1927. Class 5.
- Swift and Company, Chicago, Ill. Glue. 232,315-17; Sept. 6; Serial Nos. 248,527-9; published June 14, 1927. Class 5.
- Swift and Company, Chicago, Ill. Glue. 232,423; Sept. 6; Serial No. 248,526; published June 14, 1927. Class 5.
- Swift and Company, Chicago, Ill. Glue. 232,424; Sept. 6; Serial No. 248,524; published June 14, 1927. Class 5.
- Swift and Company, Chicago, Ill. Bacon and meat luncheon loaf. 232,430; Sept. 6; Serial No. 249,245; published June 28, 1927. Class 46.
- Tabin-Picker and Company, Chicago, Ill. Dresses. 232,293; Sept. 6; Serial No. 246,132; published May 17, 1927. Class 39.
- Tarlet, Roy A., Sacramento, Calif. Signs. 232,232; Sept. 6; Serial No. 246,721; published June 14, 1927. Class 50.
- Taylor, E. E., Company, Boston, Mass. Boots, shoes, and slippers. 232,364; Sept. 6; Serial No. 230,320; published June 29, 1926. Class 39.
- Thomas, Stuart K., Hanford, Calif. Fresh fruits, grapes, vegetables, and melons. 232,264; Sept. 6; Serial No. 238,561; published June 21, 1927. Class 46.
- Traun, Dr. Heinrich, & Söhne, Vormals Harburger, Gummi-Kamm-Compagnie, Hamburg, Germany. Synthetic and other artificial resins. 232,366; Sept. 6; Serial No. 230,059; published June 21, 1927. Class 6.
- Traymore Laboratories, New York, N. Y. Face powders, creams, packs, toilet waters, rouges, etc. 232,162; Sept. 6; Serial No. 247,399; published June 21, 1927. Class 6.
- Trester-Yanow Company, Los Angeles, Calif. Men's and women's overalls, khaki and corduroy pants, boy's knickers, etc. 232,485; Sept. 6. Class 39.
- Triangle Parts Co., San Francisco, Calif. Shims. 232,486; Sept. 6. Class 19.
- Tyle Manufacturing Co., Chicago, Ill. Tile. 232,321; Sept. 6; Serial No. 242,976; published June 21, 1927. Class 12.
- U Chocolate Shoppe. (See Curme, Gilbert E.)
- United Grain and Supply Company, The, doing business as The Swayzee Milling Company, Swayzee, Ind. Wheat, buckwheat, and rye flour. 232,368; Sept. 6; Serial No. 229,833; published June 14, 1927. Class 46.
- Universal Gypsum & Lime Co., Chicago, Ill. Composition construction blocks and partition tile. 232,256; Sept. 6; 236,821; June 21. Class 12.
- Utility Manufacturing Company, Inc., Baltimore, Md. Bathroom fixtures. 232,378; Sept. 6; Serial No. 243,568; published June 28, 1927. Class 13.
- Van Antwerp's Drug Corporation, Inc., Mobile, Ala. Turnip seed. 232,240; Sept. 6; Serial No. 246,862; published June 14, 1927. Class 1.
- Vendre Company, The. (See Radelford, Chester O.)
- Visa Company. (See Drucker, Samuel R.)
- Wagner, Guenther, Hanover, Germany. Water colors, oil paints, etc. 232,207; Sept. 6; Serial No. 245,981; published June 21, 1927. Class 16.
- Wagner, S. C., Toledo, Ohio. Ointment. 232,156; Sept. 6; Serial No. 247,300; published June 21, 1927. Class 6.
- Wagner, W. Jr., to Alfred Waile, doing business as W. Wagner, Jr., Plettenberg, Germany, successor. Tuning pins for pianos. 61,144; renewed Mar. 5, 1927.
- Waile, Alfred. (See Wagner, W. Jr.)
- Wan, Ziang S., Washington, D. C. Salted nuts. 232,254; Sept. 6; Serial No. 249,309; published June 28, 1927. Class 46.
- Waples-Platter Gro. Co., Denison, Fort Worth, and Dallas, Tex. Canned fruits and vegetables, sauerkraut, dried fruits, and spices. 64,406; renewed Aug. 6, 1927.
- Waples-Platter Grocer Co., Denison, Fort Worth, and Dallas, Tex. Canned fruits and vegetables. 64,393; renewed July 30, 1927.
- Waples-Platter Grocer Co., Denison, Fort Worth, and Dallas, Tex. Syrup and molasses. 64,407-8; renewed Aug. 6, 1927.
- Waples-Platter Grocer Co., Denison, Fort Worth, and Dallas, Tex. Canned fish and oysters. 64,536-7; renewed Aug. 13, 1927.
- Waples-Platter Grocer Co., Denison, Fort Worth, and Dallas, Tex. Macaroni, spaghetti, and wheat flour. 65,847; renewed Oct. 22, 1927.
- Warner Woven Label Co., Inc., New York, N. Y. Woven labels. 232,159; Sept. 6; Serial No. 247,348; published June 21, 1927. Class 38.
- Weber Costello Co., Chicago Heights, Ill. Dustless crayons. 232,367; Sept. 6; Serial No. 229,994; published June 21, 1927. Class 37.
- Well Brothers, New York, N. Y. Mesh veillings, and net fabrics. 63,918; renewed July 16, 1927.
- Welner, Albert M., Philadelphia, Pa. Liquid for external skin use. 232,181; Sept. 6; Serial No. 247,722; published June 14, 1927. Class 6.
- Weinstein & Smith, doing business as Littell Candy Co., Washington, D. C. Candy. 232,384; Sept. 6; Serial No. 212,984; published June 21, 1927. Class 46.
- Wertz, Geo. A., Los Angeles, Calif. Fresh vegetables and fresh desiccated and citrus fruits. 232,461; Sept. 6; Serial No. 244,899; published June 21, 1927. Class 46.
- Weldall Mfg. Co., Philadelphia, Pa. Adhesive compound. 232,340; Sept. 6; Serial No. 239,448; published June 21, 1927. Class 5.
- Westergaard, B., & Company, Brooklyn, N. Y. Bread. 232,192; Sept. 6; Serial No. 245,309; published June 14, 1927. Class 46.
- Western Soap & Chemical Co., Los Angeles, Calif. Soap, household, laundry, and hand cleanser. 232,462; Sept. 6; Serial No. 244,901; published June 28, 1927. Class 4.
- Whitman, William, Company, Inc., Boston, Mass. Textile fabrics of wool and cotton. 232,422; Sept. 6; Serial No. 248,605; published June 28, 1927. Class 42.
- Whitney, Walter R., doing business as The Kenmore Co., Boston, Mass. Window and glass cleaner. 232,241; Sept. 6; Serial No. 246,869; published June 21, 1927. Class 4.
- Wilson & Greene Lumber Co., Syracuse, N. Y. Construction materials. 232,267; Sept. 6; Serial No. 237,524; published June 14, 1927. Class 12.
- Wilson-Western Sporting Goods Company, Chicago, Ill. Golf balls. 232,249; Sept. 6; Serial No. 249,455; published June 28, 1927. Class 22.
- Winchester Repeating Arms Company, New Haven, Conn. Radiators and condensers for refrigerating systems. 232,271; Sept. 6; Serial No. 247,921; published June 28, 1927. Class 31.
- Winter, Oscar, Philadelphia, Pa. Table pads. 232,236-7; Sept. 6; Serial Nos. 246,796-7; published June 14, 1927. Class 50.
- Woodley Soap Manufacturing Company, Roxbury, Mass. Liquid soap. 232,397; Sept. 6; Serial No. 226,412; published Aug. 17, 1926. Class 4.
- Woolen Corporation of America, The, New York, N. Y. Woolen, worsted, cotton piece goods. 232,413; Sept. 6; Serial No. 248,660; published June 28, 1927. Class 42.
- Wyman, Jasper, & Son, Millbridge, Cherryfield, and Columbia, Me. Canned clams. 67,201; renewed Jan. 21, 1928.
- Zly Steel & Wire Company, Chicago, Ill. Publication. 232,157; Sept. 6; Serial No. 247,303; published June 21, 1927. Class 38.

ALPHABETICAL LIST OF REGISTRANTS OF LABELS.

- Artmart Linen Co., Inc., New York, N. Y. Kiddie's Handkerchiefs. For Children's Handkerchiefs. 32,655; Sept. 6.
- Association of American Soap & Glycerine Producers, Inc., doing business as Glycerine Producers Association, New York, N. Y. Radiator Glycerine Anti-Freeze Solution. For Glycerin Antifreeze Solution. 32,686; Sept. 6.
- Baker, W. H., Inc., Red Hook, N. Y. W. H. Baker, Almond-Bar, Sweet Milk Chocolate. For Almond Bars. 32,687; Sept. 6.
- Baker, W. H., Inc., Red Hook, N. Y. W. H. Baker, Milk Chocolate, Best Quality. For Milk Chocolate. 32,688; Sept. 6.
- Bartlett, Aldo L., Chicago, Ill. Black Cat. For Finger-Nail Polish. 32,689; Sept. 6.
- Berry, James H., Bakersfield, Calif. Berry's Shasta Snow Flakes. The Soap That Whitens. For Soap Flakes. 32,690; Sept. 6.
- Blodgett-Bleckley Co., The, Toledo, Ohio. Immense Value. For Coffee. 32,691; Sept. 6.
- Cefola, Jennie, doing business as Cefola and Co., New York, N. Y. Life's Balm Salve. For Salve. 32,692; Sept. 6.
- Charmette Company, The. (See Metcalf, Charles F.)
- Cleaning Products Co., Royal Oak, Mich. Nick's Cleaner. For Cleaning Compound. 32,693; Sept. 6.
- East Highlands Citrus Assn., East Highlands, Calif. Double A. For Fresh Oranges. 32,694; Sept. 6.
- Egg-Safety Carton Co., Chicago, Ill. Competitor Eggs. For Eggs. 32,695; Sept. 6.
- Egg-Safety Carton Co., Chicago, Ill. Pick O' the Nest Eggs. For Eggs. 32,696; Sept. 6.
- Feesser Macaroni Company, Harrisburg, Pa. Red-Bow. For Macaroni. 32,697; Sept. 6.
- Gelfand Manufacturing Company, The, doing business as Pickle Products Company, Baltimore, Md. Select Brand. For Sweet Mixed Pickles. 32,698; Sept. 6.
- Glass, Louis P., Brooklyn, N. Y. The Ticker. For Cigars. 32,699; Sept. 6.
- Glycerine Producers Association. (See Association of American Soap & Glycerine Producers, Inc.)
- Goldsmith, David J., doing business as Hagen Trading Company, Philadelphia, Pa. The Good Old Time. For Pure Malt Syrup. 32,700; Sept. 6.
- Hagen Trading Company. (See Goldsmith, David J.)
- Hongue-Sprague Corporation, Lynn, Mass. Pariseau. For Shoes. 32,701; Sept. 6.
- Jenkins, T. W., & Company, Portland, Oreg. Festival Peas. For Canned Peas. 32,702; Sept. 6.
- Jenkins, T. W., & Company, Portland, Oreg. Festival Brand Oysters. For Canned Oysters. 32,703; Sept. 6.
- Jenkins, T. W., & Company, Portland, Oreg. Festival Petit Pois. For Canned Small Peas. 32,704; Sept. 6.
- Jenkins, T. W., & Company, Portland, Oreg. Festival Brand Baby Stringless Beans. For Canned Stringless Beans. 32,705; Sept. 6.
- Jenkins, T. W., & Company, Portland, Oreg. Festival Tomatoes. For Canned Tomatoes. 32,706; Sept. 6.
- Jenkins, T. W., & Company, Portland, Oreg. Festival Hominy. For Canned Hominy. 32,707; Sept. 6.
- Jenkins, T. W., & Company, Portland, Oreg. Festival Grape Fruit. For Canned Grapefruit. 32,708; Sept. 6.
- Jenkins, T. W., & Company, Portland, Oreg. Festival Beets. For Canned Beets. 32,709; Sept. 6.
- Jenkins, T. W., & Company, Portland, Oreg. Festival Wholt Stringless Beans. For Canned Whole Stringless Beans. 32,710; Sept. 6.
- Jenkins, T. W., & Company, Portland, Oreg. Festival Sweet Potatoes. For Canned Sweet Potatoes. 32,711; Sept. 6.
- Jenkins, T. W., & Company, Portland, Oreg. Festival Golden Sweet Corn. For Canned Sweet Corn. 32,712; Sept. 6.
- Jenkins, T. W., & Company, Portland, Oreg. Festival Brand Clams. For Canned Clams. 32,713; Sept. 6.
- Jenkins, T. W., & Company, Portland, Oreg. Festival Brand Salmon. For Canned Salmon. 32,714; Sept. 6.
- Jenkins, T. W., & Company, Portland, Oreg. Festival Brand Sardines. For Canned Sardines. 32,715; Sept. 6.
- Jenkins, T. W., & Company, Portland, Oreg. Festival Brand Shrimp. For Canned Shrimp. 32,716; Sept. 6.
- Jenkins, W. T., & Company, Portland, Oreg. Festival Cut Beans. For Canned Cut Beans. 32,717; Sept. 6.
- Kahn's, E., Sons Company, The, Cincinnati, Ohio. Pheasant. For Picnic, a Meat Product Comprising Sliced Beef. 32,718; Sept. 6.
- Killie Food Products Co. (See Smith, J. Dunlop.)
- Metcalf, Charles F., doing business as The Charmette Company, Bedford, Mass. Charmette Almond Creme. For a Toilet Cream. 32,719; Sept. 6.
- Milwaukee Brewery Of San Francisco, San Francisco, Calif. Golden State Malt Syrup. For Malt Syrup. 32,720; Sept. 6.
- Milwaukee Paper Box Co., The, Milwaukee, Wis. El'Nar Golden West Assorted Chocolates. For Candy. 32,721; Sept. 6.
- Milwaukee Paper Box Co., The, Milwaukee, Wis. El'Nar Mt. Hood Assorted Chocolates. For Candy. 32,722; Sept. 6.
- Milwaukee Paper Box Co., The, Milwaukee, Wis. El'Nar Castle Assorted Chocolates. For Candy. 32,723; Sept. 6.
- Milwaukee Paper Box Co., The, Milwaukee, Wis. Red Circle Twilight Chocolates. For Candy. 32,724; Sept. 6.
- Milwaukee Paper Box Co., The, Milwaukee, Wis. El'Nar Desert Assorted Chocolates. For Candy. 32,725; Sept. 6.
- Milwaukee Paper Box Co., The, Milwaukee, Wis. Red Circle Primrose Chocolates. For Candy. 32,726; Sept. 6.
- Phoebe-Fair Hosiery Corporation, New York, N. Y. Phoebe-Fair Hosiery. For Hosiery. 32,727; Sept. 6.
- Picard, Stanislas, doing business as Stanley Manufacturing Co., Providence, R. I. Pillow Tubing. For Pillow Tubing. 32,728; Sept. 6.
- Pickle Products Company. (See Gelfand Manufacturing Company.)
- Quick Sales Company, The, Jersey City, N. J. Corn-Flite. For Corn Plaster. 32,729; Sept. 6.
- R & G Corset Company, Inc., New York, N. Y. Miss New York Pantie Girdle. For Pantie Girdles. 32,730; Sept. 6.
- Rizzi, M. D., doing business as Ricci Fruit Company, Madera, Calif. Baby Grand Brand. For Fresh Grapes. 32,731; Sept. 6.
- Smith, J. Dunlop, doing business as Killie Food Products Co., Lynn, Mass. Killie Food Products. For Meat Products. 32,732; Sept. 6.
- Spanier, A. & Co., New York, N. Y. Spanier's Rheumatex Tablets. For Rheumatex Tablets. 32,733; Sept. 6.
- Spanier, A. & Co., New York, N. Y. Spanier's Antacid Tablets. For Antacid Tablets. 32,734; Sept. 6.
- Stanley Manufacturing Co. (See Picard, Stanislas.)
- Tampa Tripure Water Corporation, Tampa, Fla. Tampa Dry. For Ginger Ale. 32,735; Sept. 6.
- Tritle, Glenn W., Seattle, Wash. Solidified Compound Glycerine and Rose Water. For Solidified Compound Glycerine and Rose Water. 32,736; Sept. 6.
- Villa Park Orchards Association, Villa Park, Calif. Tick-Tock. For Oranges. 32,737; Sept. 6.
- Villa Park Orchards Association, Villa Park, Calif. Three Arches. For Oranges. 32,738; Sept. 6.
- Villa Park Orchards Association, Villa Park, Calif. Alphabetical. For Oranges. 32,739; Sept. 6.
- White House Baking Co., Inc., Boston, Mass. Jam-Pie. For Cake and Jam. 32,740; Sept. 6.

ALPHABETICAL LIST OF REGISTRANTS OF PRINTS.

- Capitol Waist and Dress Company, New York, N. Y. Capitol Waist & Dress Co. Manufacturers of Dresses. For Dresses. 10,148; Sept. 6.
- Crown Vault Company, Evergreen Park, Ill. The Vault Without Comparison. For Vault. 10,149; Sept. 6.
- French Beauty Products Co., Inc., New York, N. Y. French Beauty Products Company. For Perfumes, Cosmetics, and Various Other Toilet Preparations. 10,150; Sept. 6.
- Hill Clothes Drier Company, Worcester, Mass. Hill Clothes Dryers. For Clothes Dryers. 10,151; Sept. 6.
- Mayer, C. F., Chicago, Ill. Cam-to-Bag. For Mothproof Dustproof Clothes Bags. 10,152; Sept. 6.
- Para Rubber Company, Newark, N. J. U. S. Certified Canvas Shower Curtain. For Shower-Bath Curtains. 10,153; Sept. 6.
- Pepper, Dr., Co., Dallas, Tex. Drink a Bite to Eat at Ten—Two & Four o'clock, 3-a-day, Keeps Energy Up. For Dr. Pepper, a Soft Drink. 10,154; Sept. 6.
- Platt Brothers, New York, N. Y. Platt Bros. Styl-Fit Dresses. For Dresses. 10,155; Sept. 6.
- Reed & Barton, Taunton, Mass. The Story of the Fork No. 3. For Silverware. 10,156; Sept. 6.
- Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. Camels—Created For Enjoyment. For Cigarettes. 10,157; Sept. 6.
- Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. Busy Smokers of Today Select Camel as Their Favorite Smoke. For Cigarettes. 10,158; Sept. 6.
- Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. Gentlemen, Here is a Smoke! For Tobacco. 10,159; Sept. 6.

- Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. The Best Seller. For Cigarettes. 10,160; Sept. 6.
 Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. Modern Smokers Demand Quality and put Camel First. For Cigarettes. 10,161; Sept. 6.
 Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. No Half-Way Verdict—Camel is Supreme. For Cigarettes. 10,162; Sept. 6.
 Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. P. A. and The Papers—That's All You Need. For Tobacco. 10,163; Sept. 6.
 Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. Wrap a Makin's Paper Around Some of This! For Tobacco. 10,164; Sept. 6.
 Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. I'm Living 'From Hand to Mouth' These Days. For Tobacco. 10,165; Sept. 6.
 Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. P. A. Says 'Come Again!' in Every Puff. For Tobacco. 10,166; Sept. 6.
 Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. One After Another Camels Passed them All. For Cigarettes. 10,167; Sept. 6.
 Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. Modern Smoker's Praise the Integrity of Camels. For Cigarettes. 10,168; Sept. 6.
 Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. This Age of High Standards Welcome the Camel Quality. For Cigarettes. 10,169; Sept. 6.
 Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. I Floured Right When I Signed with P. A. For Tobacco. 10,170; Sept. 6.
 Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. A Cigarette If You Ask Me. For Tobacco. 10,171; Sept. 6.
 Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. No Two Ways About It—P. A. Makes Some Cigarette! For Tobacco. 10,172; Sept. 6.
 Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. Lets Get Down to Cases. For Tobacco. 10,173; Sept. 6.
 Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. Enough To Make A Pipe Get Puffed Up. For Tobacco. 10,174; Sept. 6.
 Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. P. A. Was Made-To-Measure For Me. For Tobacco. 10,175; Sept. 6.
 Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. That's Got It! For Tobacco. 10,176; Sept. 6.
 Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. P. A. Makes The Slickest Cigarette You Ever Rolled. For Tobacco. 10,177; Sept. 6.
 Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. They Don't Come Any Better. For Tobacco. 10,178; Sept. 6.
 Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. A Nice Little Puff in The Paper. For Tobacco. 10,179; Sept. 6.
 Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. Who's Got The Makin's? For Tobacco. 10,180; Sept. 6.
 Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. A Lighted Camel Leads Straight to Contentment. For Cigarettes. 10,181; Sept. 6.
 Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. Camel Is The Modern Favorite. For Cigarettes. 10,182; Sept. 6.
 Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. They Don't Come Any Better. For Tobacco. 10,183; Sept. 6.
 Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. Your Pipe Can Be a Cheer. Or a Chore! For Tobacco. 10,184; Sept. 6.
 Reynolds, R. J., Tobacco Company, Winston-Salem, N. C. Nothing But Blue Skies From Now On. For Tobacco. 10,185; Sept. 6.
 Sackett, Hubert, New York, N. Y. Smoke. For Tobacco. 10,186; Sept. 6.
 Sibley, John R., Worcester, Mass. Jersey Bar. For Jersey Milk, Sandwiches, Coffee, Pie, Doughnuts, and Ice Cream. 10,187; Sept. 6.
 Sprague, Wm. F., & Co., Inc., New York, N. Y. Musical Elite Boudoir Powder Boxes. For Musical Novelties. 10,188; Sept. 6.
 Sprague, Wm. F., & Co., Inc., New York, N. Y. Sunshine Decanter. For Musical Novelties. 10,189; Sept. 6.

ALPHABETICAL LIST OF TRADE-MARK APPLICANTS.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

- A. C. E. Pharmaceutical Company, The. (See Duncanson, Allen E.)
 Abbott Laboratories, North Chicago, Ill. Calcium lactate in effervescent combination. 252,452; Sept. 6. Class 6.
 Abraham & Straus, Inc., Brooklyn, N. Y. Candy. 239,215; Sept. 6. Class 46.
 Adams, Fred D., Waterloo, Iowa. Dusting powder, eyebrow pencils, vanishing cream, etc. 252,493; Sept. 6. Class 6.
 Albany Perforated Wrapping Paper Company, Albany, N. Y. Toilet paper. 250,953; Sept. 6. Class 37.
 Allen Chemical Co. (See Traurig, Charles A.)
 Allied Golf Company, Chicago, Ill. Golf balls, bags, and clubs and club separators. 250,954; Sept. 6. Class 22.
 Alpha Laboratory. (See Pupella, Salvatore.)
 Altorfer Bros. Company, East Peoria, Ill. Laundry washing machines. 251,471-2; Sept. 6. Class 24.
 American Homes Bureau. (See Brown, Irving L.)
 Arden, Elizabeth. (See Lewis, Florence N.)
 Atlas Publishing Co., Inc., New York, N. Y. Annual publication. 237,106; Sept. 6. Class 38.
 Bachmann, Robert A., doing business as The Secto-Vape Co., New York, N. Y. Insecticide. 252,456; Sept. 6. Class 6.
 Bartholomew, Anthony, doing business as Radio Water Company, Detroit, Mich. Liquid eye medicine for relief of eye strain and fatigue. 251,710; Sept. 6. Class 6.
 Beech-Nut Packing Company, Canajoharie, N. Y. Coffee. 252,080; Sept. 6. Class 46.
 Behrstock, Isadore, Los Angeles, Calif. Finger rings. 250,832; Sept. 6. Class 28.
 Bement & Seltz Company, Evansville, Ind. Canned fruits, vegetables, and fish, coffee, breakfast cereals, etc. 250,352; Sept. 6. Class 46.
 Bennett, Fred S., Inc., New York, N. Y. Cotton piece goods. 251,534; Sept. 6. Class 42.
 Big Chief Medicine Co. (See Scruggs, Barney T.)
 Bigelow, Richard, doing business as Bigelow, Bowditch & Company, Boston, Mass. Cod-liver oil. 252,279; Sept. 6. Class 6.
 Blechman, S., & Sons, Inc., New York, N. Y. Seam-binding tapes, embroidery hoops, silk fringe and cord, etc. 247,251; Sept. 6. Class 40.
 Bohme, H. Th., A. G., Chemnitz, Germany. Soap preparations. 250,354; Sept. 6. Class 4.
 Böhme, H. Th., A. G., Chemnitz, Germany. Fat and oil free finishing and dressing preparations for textile purposes. 250,361; Sept. 6. Class 6.
 Bon Ton Wall Paper Co. (See Gross, Harry.)
 Brand Hill Co., Inc., The, New York, N. Y. Children's frocks. 251,885; Sept. 6. Class 39.
 Brantley, K., Harrisburg, Ill. Pile salve. 251,318; Sept. 6. Class 6.
 Bresnick, Carl S., New York, N. Y. All manner and kinds of razors, shears, knives, etc. 251,048; Sept. 6. Class 23.
 Brown Durrell Co., Boston, Mass., and New York, N. Y. Underwear and hosiery. 251,539; Sept. 6. Class 39.
 Brown, Irving L., doing business as American Homes Bureau, Chicago, Ill. Periodical. 252,084; Sept. 6. Class 38.
 California Peach & Fig Growers Association, Fresno, Calif. Dried figs. 251,170; Sept. 6. Class 46.
 Central Tube Company, Pittsburgh, Pa. Metal pipe used for electric conduit. 251,715; Sept. 6. Class 21.
 Centralia Envelope Co., Centralia, Ill. Mailing and correspondence envelopes. 252,030-1; Sept. 6. Class 37.
 Centrifex Corporation, Cleveland, Ohio. Fluid separators. 234,559; Sept. 6. Class 13.
 Chemical Treatment Company Incorporated, assignor to Chromium Corporation of America, New York, N. Y. Valves, bathroom fittings, brackets, etc. 213,768; Sept. 6. Class 13.
 Chyman's, Chas., Sons Co., Inc., New York, N. Y. Hosiery. 251,717; Sept. 6. Class 39.
 Chromium Corporation of America. (See Chemical Treatment Company Incorporated, assignor.)
 Chrysler Sales Corporation, Detroit, Mich. Internal-combustion-engine cylinder heads. 251,951; Sept. 6. Class 23.
 Clpriani, Candeloro, Burlington, N. J. Washing water made of clorox and lye. 245,256; Sept. 6. Class 6.
 Coddington, E. D., Manufacturing Company, North Milwaukee, Wis. Portland cement, base coat stucco, etc. 250,736; Sept. 6. Class 12.
 Columbia Knitting Mills, Portland, Ore. Swimming suits. 251,654; Sept. 6. Class 39.
 Conner Crouse Corporation, New York, N. Y. Apparatus for filtering electric currents. 234,615; Sept. 6. Class 21.
 Conquest, Edward J., Bangor, Me. Publication. 248,756; Sept. 6. Class 18.
 Consolidation Coal Company, The, New York, N. Y. Coal. 251,487; Sept. 6. Class 1.
 Cow, F. B., & Company, assignor to Munn Patents Limited, Orient House, London, England. Artificial flowers. 241,135; Sept. 6. Class 40.
 Crystal Pure Candy Co., Chicago, Ill. Candy. 252,763; Sept. 6. Class 46.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

- Curtiss Candy Company, The, Chicago, Ill. Soap. 252,590; Sept. 6. Class 4.
 Davis Medicinal Products, The. (See Yarboro, H. E.)
 Davison-Paxon Company, Atlanta, Ga. Textile blankets. 251,548; Sept. 6. Class 42.
 Dayton Company, The, Minneapolis, Minn. Wool blankets. 251,719; Sept. 6. Class 42.
 Diamond Expansion Bolt Company, Garwood, N. J. Securing expansions and anchors, nail fasteners, etc. 252,593; Sept. 6. Class 13.
 Die Eau de Cologne- & Parfümerie-Fabrik "Glockengasse No. 4711" Gegenüber der Pferdepöst von Ferd. Mühlens. (See Mühlens, Paul P.)
 Dog and Cat Drug Stores, Inc., The, Baltimore, Md. Veterinary medicines. 234,567; Sept. 6. Class 6.
 Dual-Duty Pen & Pencil Co., Inc., Boston, Mass. Combination fountain pen and pencil. 251,804; Sept. 6. Class 37.
 Duncanson, Ellen E., doing business as The A. C. E. Pharmaceutical Company, New York, N. Y. Preparation to check excessive perspiration. 232,720; Sept. 6. Class 6.
 Essem Laboratories, Washington, D. C. Organic protective coatings for photographic films and photographs. 252,321; Sept. 6. Class 6.
 Exo Chemical Company, Inc., Jacksonville, Fla. Insecticides. 252,597; Sept. 6. Class 6.
 Ferdon Manufacturing Company, Aurora, Ill. Glass, wood, metal, celluloid, bakelite signs. 246,472; Sept. 6. Class 50.
 Fox Cross Candy Company, Oakland, Calif. Candy. 250,075; Sept. 6. Class 46.
 Freeman, Ted, Dallas, Tex. Iron tonic for the blood, liver, and kidneys. 245,172; Sept. 6. Class 6.
 Gager Lime Manufacturing Co., The, Sherwood, Tenn. Shaked lime in powdered form. 251,271; Sept. 6. Class 12.
 Gamsa, Max, doing business as Max Gamsa Co., New York, N. Y. Suits, topcoats, overcoats, and trousers. 249,845; Sept. 6. Class 39.
 Garden City Publishing Company, Inc., Garden City, N. Y. Books. 251,331; Sept. 6. Class 38.
 Garnett & De Bruyn, Inc., New York, N. Y. Canned vegetables. 248,825; Sept. 6. Class 46.
 Garnett & De Bruyn, Inc., New York, N. Y. Canned fish. 248,826-7; Sept. 6. Class 46.
 Garrison, V. O., Hendersonville, N. C. Ice cream. 252,645; Sept. 6. Class 46.
 Geisler, Max, doing business as Max Geisler Bird Co., Omaha, Neb., and New York, N. Y. Bird food. 248,490; Sept. 6. Class 46.
 General Appliance Corporation, Wilmington, Del., and San Francisco, Calif. Serving forks of base metal. 249,058; Sept. 6. Class 28.
 General Dyestuff Corporation, New York, N. Y. Dyestuffs. 252,425-7; Sept. 6. Class 6.
 Gilmore Oil Company, Los Angeles, Calif. Gasoline, kerosene, grease, etc. 249,061; Sept. 6. Class 15.
 Goldberg, Harry A., Brooklyn, N. Y. Hats. 245,837; Sept. 6. Class 39.
 Gordon Canning Corporation, Hoquiam, Wash. Canned fruits, berries, and vegetables. 251,829; Sept. 6. Class 46.
 Governor and Company of Adventurers of England Trading into Hudson's Bay, The, London, England. Fish. 236,128-9; Sept. 6. Class 46.
 Great American Tea Co., The, New York, N. Y. Vegetable oil soap. 252,379; Sept. 6. Class 4.
 Gross, Harry, doing business as Bon Ton Wall Paper Co., Philadelphia, Pa. Wall paper. 247,079; Sept. 6. Class 37.
 Haft, Morris W., & Bros., Inc., New York, N. Y. Ladies' misses' and juniors' coats and suits. 251,556; Sept. 6. Class 39.
 Hagenbueher, Karl, doing business as Premier Flog Company, New York, N. Y. Stereotype dry-matrix mats. 248,825; Sept. 6. Class 37.
 Hahn, Berthold R., doing business as B. R. Hahn Cigar Manufacturing Company, Bay City, Mich. Cured cigar leaf clippings. 251,393; Sept. 6. Class 17.
 Harris, Jacob, doing business as J. Harris and Company, New York, N. Y. Fountain pens. 251,035; Sept. 6. Class 37.
 Harris Raincoat Company, New York, N. Y. Water-proofed clothing. 245,637; Sept. 6. Class 39.
 Harris Raincoat Company, New York, N. Y. Water-proofed clothing. 245,639; Sept. 6. Class 39.
 Harris and Photograph, Inc., New York, N. Y. Hat and cap leather. 250,691; Sept. 6. Class 1.
 Hasbrouck, Arthur S., Glendale, Calif. Financial service letter. 252,261; Sept. 6. Class 35.
 Henry, James, doing business as James Henry & Co., New York, N. Y. Pencils and pens. 247,369; Sept. 6. Class 37.
 Home Laboratories Co., Inc., Buffalo, N. Y. Local anesthetic and counterirritant cream. 250,751; Sept. 6. Class 6.
 Hookless Fastener Company, Meadville, Pa. Separable fasteners. 245,439; Sept. 6. Class 13.
 Horowitz, Oscar, New York, N. Y. Overgarments and undergarments of every kind. 246,408; Sept. 6. Class 39.
 Horowitz, Oscar, New York, N. Y. Piece goods of silk or cotton or rayon or wool or mixtures of any two or more of these materials. 246,409; Sept. 6. Class 42.
 Hotstream Heater Company, The, Cleveland, Ohio. Union connectors for water conduits. 251,276; Sept. 6. Class 13.
 Houghton, E. F. & Co., Philadelphia, Pa. Oils for treating textile fibers. 251,839; Sept. 6. Class 6.
 Hydro-Power Washer Co., Philadelphia and Conshohocken, Pa. Mechanical dishwashers. 252,776; Sept. 6. Class 23.
 International Publications, Inc., New York, N. Y. Publication. 252,154; Sept. 6. Class 38.
 Irving-Pitt Manufacturing Company, Kansas City, Mo. Ring binders, solid-post binders, extensible-post binders, etc. 252,433; Sept. 6. Class 37.
 Italian Vineyard Co., Los Angeles, Calif. Concentrated grape juice. 251,844; Sept. 6. Class 45.
 Jackson, Frank, Co., Chicago, Ill. Shoe dressing and polishes. 244,148; Sept. 6. Class 4.
 Keystone Stamping Corporation, Irvington, N. J. Mopsticks. 252,713; Sept. 6. Class 29.
 Klein, Gerhard A., Los Angeles, Calif. Lawn, grass, or clover seed. 248,846; Sept. 6. Class 1.
 Kruger Grocery & Baking Co., The, Cincinnati, Ohio. Mops. 252,050; Sept. 6. Class 29.
 Kurth Brothers Company, Milwaukee, Wis. Canned fruits, vegetables, berries, fish, evaporated milk, etc. 252,389; Sept. 6. Class 46.
 Kurzrok, Max, & Isidore Helitzer Inc., New York, N. Y. Dresses. 251,760; Sept. 6. Class 39.
 Lansing, Winton, Appleton, Wis. Reflector polish. 252,390; Sept. 6. Class 4.
 La Societe des Savons Français, Paris, France. Toilet soap. 234,782; Sept. 6. Class 4.
 Lesquendieu, Incorporated, New York, N. Y. Finishing cream. 250,556; Sept. 6. Class 6.
 Lester Piano Company, Philadelphia, Pa. Planos. 252,336; Sept. 6. Class 36.
 Lewis, Florence N., doing business as Elizabeth Arden, New York, N. Y. Toilet lotions, face and skin creams, perfumes, face powders, etc. 251,401; Sept. 6. Class 6.
 Lieberfeld, Charles E., doing business as Sunset Laboratory, Jersey City, N. J. Preparation for the treatment of rheumatism. 251,677; Sept. 6. Class 6.
 Lima Metals Foundry Co., The, Lima, Ohio. Rough bushing stock and bearing stock of ferrous and non-ferrous metal. 245,794; Sept. 6. Class 14.
 Loba Products Co., Jackson, Mich. Powdered hand soap. 252,434; Sept. 6. Class 4.
 Love Knitting Company, Inc., Burlington, N. C. Hosiery. 251,920; Sept. 6. Class 39.
 Manville Jonckes Company, Pawtucket, R. I. Bedspreads. 252,341; Sept. 6. Class 42.
 Marcus & Heyman, New York, N. Y. Hair nets. 252,555; Sept. 6. Class 42.
 Markt & Hammacher Company, New York, N. Y. Farming and garden tools. 247,804; Sept. 6. Class 23.
 Marvin, Nelson H., Boston, Mass. Leather boots and shoes, boys' suits, overcoats, etc. 251,002; Sept. 6. Class 39.
 Maychem Company, The, Mayfield, Ky. Medicine for kidney, bladder, and urinary disorders. 234,275; Sept. 6. Class 6.
 McDonald-Neely Co., Spindale, N. C. Headache remedy. 252,519; Sept. 6. Class 6.
 Metz Packing Company, The, Concordia, Kans. Eggs and dressed poultry. 252,611-12; Sept. 6. Class 46.
 Michaels & Cartrick Limited, London, England. Mouth organs, accordions, and concertinas. 251,450; Sept. 6. Class 36.
 Miller Auto Bed and Manufacturing Company, Oakland, Calif. Automobile awnings. 252,614; Sept. 6. Class 19.
 Miracle Company, The, Canton, Ohio. Hydrocarbon cleaning solution. 214,557; Sept. 6. Class 4.
 Molloy-Skelley Carpet Company, Inc., The, New York, N. Y. Special yarn (textile) rugs. 241,537; Sept. 6. Class 42.
 Morgan Company, The, Peoria, Ill. Paint enamel. 251,766; Sept. 6. Class 16.
 Morgan Company, The, Peoria, Ill. Prepared paint. 251,767; Sept. 6. Class 16.
 Morgan Company, The, Peoria, Ill. Flat varnish. 251,769; Sept. 6. Class 16.
 Morgan Company, The, Peoria, Ill. Paint enamel. 251,771; Sept. 6. Class 16.
 Morgan Company, The, Peoria, Ill. Varnishes and varnish finishes. 251,772-3; Sept. 6. Class 16.
 Morgan Company, The, Peoria, Ill. Paste paint. 251,774; Sept. 6. Class 16.
 Morgan Company, The, Peoria, Ill. Flat varnish. 251,775; Sept. 6. Class 16.
 Morgan Company, The, Peoria, Ill. Wall paint. 251,777; Sept. 6. Class 16.
 Morgan Company, The, Peoria, Ill. Paint enamel. 251,778; Sept. 6. Class 16.
 Morgan Company, The, Peoria, Ill. Varnishes and varnish finishes. 251,780; Sept. 6. Class 16.

ALPHABETICAL LIST OF TRADE-MARK APPLICANTS.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Müllens, Paul P., doing business as Die Eau de Cologne- & Parfümerie-Fabrik "Glockengasse No. 4711" gegenüber der Pferdepost von Ferd. Müllens, Cologne-on-the-Rhine, Germany. Soaps. 242,109-10; Sept. 6. Class 4.

Müllens, Paul P., doing business as Die Eau de Cologne- & Parfümerie-Fabrik "Glockengasse No. 4711" gegenüber der Pferdepost von Ferd. Müllens, Cologne-on-the-Rhine, Germany. Soaps. 242,112-15; Sept. 6. Class 4.

Müllens, Paul P., doing business as Die Eau de Cologne- & Parfümerie-Fabrik "Glockengasse No. 4711" gegenüber der Pferdepost von Ferd. Müllens, Cologne-on-the-Rhine, Germany. Eau de Cologne water, perfumery, hair tonics, etc. 229,118; Sept. 6. Class 6.

Müllens, Paul P., doing business as Die Eau de Cologne- & Parfümerie-Fabrik "Glockengasse No. 4711" gegenüber der Pferdepost von Ferd. Müllens, Cologne-on-the-Rhine, Germany. Eau de Cologne, perfumery, hair tonics, shampoo, etc. 229,120; Sept. 6. Class 6.

Müllens, Paul P., doing business as Die Eau de Cologne- & Parfümerie-Fabrik "Glockengasse No. 4711" gegenüber der Pferdepost von Ferd. Müllens, Cologne-on-the-Rhine, Germany. Eau de Cologne, perfumery, hair tonics, shampoo, etc. 229,122-25; Sept. 6. Class 6.

Munn Patents Limited. (See Cow, P. B., & Company, assignor.)

Namloozse Vennootschap Stoomlinnenfabrieken J. Elias, The. Eindhoven, Netherlands. Textile goods. 249,286; Sept. 6. Class 42.

National Gut String Mfg. Co., Inc., Chicago, Ill. Gut strings, strings for violins, etc. 247,556; Sept. 6. Class 36.

Neidich Process Company, Burlington, N. J. Carbon paper. 251,626; Sept. 6. Class 11.

North and Judd Manufacturing Company, New Britain, Conn. Slider-controlled fasteners. 251,978; Sept. 6. Class 13.

Northern Paper Mills, Green Bay, Wis. Folded paper towels. 252,309; Sept. 6. Class 37.

Pais, Samuel L., Evanston, Ill. Hats, caps, suits, and coats, shirts, collars, etc. 249,434; Sept. 6. Class 39.

Paver J. M., Company, The Chicago, Ill. Canned peas. 251,512; Sept. 6. Class 46.

Pep Manufacturing Co., New York, N. Y. Powdered hand cleansers. 252,522; Sept. 6. Class 4.

Physio-Chemical Laboratories, Inc., The, Salt Lake City, Utah. A granulated effervescent salt. 250,759; Sept. 6. Class 6.

Pitt, C. M., & Sons Company, The, Baltimore, Md. Cakes. 251,455; Sept. 6. Class 46.

Poor's Publishing Company, New York, N. Y. Publication. 248,015; Sept. 6. Class 38.

Port Howard Paper Company, Green Bay, Wis. Toilet paper, paper towels, paper napkins, etc. 251,330; Sept. 6. Class 37.

Premier Flog Company. (See Hagenbacher, Karl.)

Press Publishing Company, New York, N. Y. Title for the morning and Sunday editions of The World newspaper. 252,062; Sept. 6. Class 38.

Press Publishing Company, New York, N. Y. Title for a daily article consisting of general comment and criticism in the morning and Sunday editions of The World newspaper. 252,063; Sept. 6. Class 38.

Press Publishing Company, New York, N. Y. Title for an article of news and comment on nature subjects in the morning and Sunday editions of The World newspaper. 252,064; Sept. 6. Class 38.

Press Publishing Company, New York, N. Y. Title for The Evening World newspaper. 252,065; Sept. 6. Class 38.

Pulitzer Publishing Company, St. Louis, Mo. Newspapers. 251,412; Sept. 6. Class 38.

Pupella, Salvatore, doing business as Alpha Laboratory, New York, N. Y. Pain-killing preparation for use in rheumatism, neuralgia, and any aching. 251,240; Sept. 6. Class 6.

Radio Water Company. (See Bartholomew, Anthony.)

Rain-Pak Corporation, New York, N. Y. Paper, oiled paper, or fabric raincoats, rain hats, and rain caps. 249,539; Sept. 6. Class 39.

Ray-Brown, Inc., Woodburn, Ore. Canned fruits, berries, and vegetables. 251,860; Sept. 6. Class 46.

Red Cedar Shake Corporation, Chehalis, Wash. Hand-rived tapered shingles. 251,208; Sept. 6. Class 12.

Reed & Bell, Inc., Berkeley, Calif. Root beer. 247,286; Sept. 6. Class 45.

Reilly, D. E., Company, Charlestop, S. C. Cigars. 251,863; Sept. 6. Class 17.

Rema-Trab Company, Harrisburg, Pa. Indigestion tablets. 252,395; Sept. 6. Class 6.

Remington Arms Company, Inc., Bridgeport, Conn., Ill. and New York, N. Y. Ammunition. 235,617; Sept. 6. Class 9.

Reo Motor Car Company, Lansing, Mich. Motor trucks. 218,662; Sept. 6. Class 19.

Republic Metalware Co., The, Buffalo, N. Y. Water coolers and refrigerators. 252,441; Sept. 6. Class 31.

Riedel, J. D., Aktiengesellschaft, Berlin-Brandenburg, Germany. Pharmaceutical preparation. 234,632; Sept. 6. Class 6.

Sanitax Electric Co., New York, N. Y. Electric vibrator for therapeutic purposes. 252,113; Sept. 6. Class 44.

Snoplin Co., Inc., New York, N. Y. Paint products (lacquer). 248,976; Sept. 6. Class 16.

Schumacher Wall Board Corporation, Wilmington, Del.; Seattle, Wash.; and Los Angeles, Calif. Plaster board, wall board, and composition board. 249,544; Sept. 6. Class 12.

Scruggs, Barney T., doing business as Big Chief Medicine Co., Charlotte, N. C. Medicine taken internally as a general tonic. 251,416; Sept. 6. Class 6.

Sea Island Thread Co., New York, N. Y. Cotton and mercerized cotton thread. 248,520; Sept. 6. Class 43.

Sea Island Thread Co., New York, N. Y. Mercerized machine twist. 248,521; Sept. 6. Class 43.

Secto-Vape Co., The. (See Bachmann, Robert A.)

Service Grocer Company, Inc., Detroit, Mich. Ginger ale, root beer, birch beer, etc. 251,870; Sept. 6. Class 45.

Smits, W. Belje, Amsterdam, Netherlands. Electric heating appliances. 247,645; Sept. 6. Class 21.

Snider, T. A., Preserve Co., Chicago, Ill. Canned fruits, chili sauce, jams, vinegar, etc. 243,239; Sept. 6. Class 46.

Solvitt Chemical Company, Arlington, Baltimore, Md. Veterinary sweat ointment. 238,877; Sept. 6. Class 6.

Sprague, Warner & Company, Chicago, Ill. Canned fruits and vegetables. 252,528; Sept. 6. Class 46.

Standard Oil Company (New Jersey), Bayonne, N. J. Mineral oil for chemical, medicinal, and pharmaceutical purposes. 242,510; Sept. 6. Class 6.

Standard Portland Cement Company, Cleveland, Ohio. Portland cement. 234,352; Sept. 6. Class 12.

Stanley Automotive Products, Inc., Wilmington, Del. Automatic oiling device. 246,131; Sept. 6. Class 23.

Stanley, Wm. H., Inc., New York, N. Y. Canned tunny fish. 250,575; Sept. 6. Class 46.

Stein Brothers Mfg. Co., Williamsport, Pa. Knickerbockers and suits. 251,517; Sept. 6. Class 39.

Sterling Tire Corporation, Rutherford, N. J. Automobile tire casings. 252,664; Sept. 6. Class 35.

Stevens, Chas. A. & Bros., Chicago, Ill. Perfumes. 252,127; Sept. 6. Class 6.

Straus, Alexander H., New York, N. Y. Sanitary paper diapers. 250,946; Sept. 6. Class 37.

Sunland Sales Cooperative Association, Fresno, Calif. Canned raisins, food flavoring extracts, pickles, etc. 247,395; Sept. 6. Class 46.

Sun-Maid Growers of California, Fresno, Calif. Canned raisins, mince meat, canned fish, rice, etc. 247,396; Sept. 6. Class 46.

Sun-Maid Raisin Growers of California, Fresno, Calif. Maltless beverage. 247,397; Sept. 6. Class 45.

Sunset Laboratory. (See Lieberfeld, Charles E.)

Sycle, Robert F., doing business as United Paper Company, Richmond, Va. Paper bags. 251,521; Sept. 6. Class 2.

Tangermünder Konserven- und Schokoladenfabriken Fr. Meyer & Co., assignor to Zuckerraffinerie Tangermünde Fr. Meyers Sohn Aktiengesellschaft, Tangermünde, Germany. Candied fruit, penny candy, jams, etc. 242,153; Sept. 6. Class 46.

Thermophor Mfg. Co., Inc., New York, N. Y. Heat-retaining devices. 248,978; Sept. 6. Class 44.

Thompson, Richard H., doing business as Richard H. Thompson Electric Co., San Francisco, Calif. Electric signs. 251,087; Sept. 6. Class 21.

Traurig, Charles A., doing business as Allen Chemical Co., New York, N. Y. Preparation for the removal of corns and warts. 251,693; Sept. 6. Class 6.

Triumph Column Company, Inc., New York, N. Y. Lock-joint wood columns. 250,425; Sept. 6. Class 12.

Union Special Machine Company, Chicago, Ill. Sewing machines. 251,021; Sept. 6. Class 23.

United Electric Company, The, Canton, Ohio. Electrically-operated vacuum cleaners. 251,694-5; Sept. 6. Class 21.

United Fuel & Supply Company, Detroit, Mich. Coal, charcoal, coke, etc. 247,647; Sept. 6. Class 1.

United Paper Company. (See Sycle, Robert F.)

United States Gypsum Company, Chicago, Ill. Calcined gypsum, plaster of Paris, and molding plaster. 249,684; Sept. 6. Class 12.

Upson Company, The, Lockport, N. Y. Wall board. 233,856; Sept. 6. Class 12.

Valentine Chemical Co., The, Boston, Mass. Moth exterminator in liquid and crystal form. 251,465; Sept. 6. Class 6.

Waltke, M., Co., St. Louis, Mo. Soap, soap chips, washing fluid. 248,736; Sept. 6. Class 4.

Wamsutta Mills, New Bedford, Mass. Cotton piece goods. 251,594; Sept. 6. Class 42.

Waterfalls Paper Mills, Mechanic Falls, Me., and New York, N. Y. Ledger, bond, writing, cover, wedding, offset, and mimeograph papers. 231,962; Sept. 6. Class 37.

Welsh, Maurice H., Philadelphia, Pa. Eggs. 251,095; Sept. 6. Class 46.

Welsh Packing Co., Springfield, Mo. Brick chili, macaroni loaf, lard, etc. 198,391; Sept. 6. Class 46.

ALPHABETICAL LIST OF TRADE-MARK APPLICANTS.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

West Bend Aluminum Company, West Bend, Wis. Metallic protecting base for use between cooking vessels and flames. 249,207; Sept. 6. Class 34.

West Construction Co., The, Chattanooga, Tenn. Street and road paving material. 250,482; Sept. 6. Class 12.

West Virginia Coal Co. of Mo., St. Louis, Mo. Coal. 250,334; Sept. 6. Class 1.

Wizardol Mfg. Co., Newark, N. J. Insecticide. 252,177; Sept. 6. Class 6.

Woolf Brothers, Inc., Kansas City, Mo. Men's and boys' clothing. 251,703; Sept. 6. Class 39.

Wrenn Paper Company, The, Middletown, Ohio. Blotting paper. 252,751; Sept. 6. Class 38.

Yarboro, H. E., doing business as The Davis Medicinal Products, Mullins, S. C. Medicinal tablets for ridding parasites from poultry, dogs, etc. 252,451; Sept. 6. Class 6.

Zophar Mills, Inc., Brooklyn, N. Y. Belt dressing and recliner. 250,150; Sept. 6. Class 4.

Zuckerraffinerie Tangermünde Fr. Meyers Sohn Aktiengesellschaft. (See Tangermünder Konserven- und Schokoladenfabriken Fr. Meyer & Co., assignor.)

CLASSIFIED LIST OF TRADE-MARKS REGISTERED.

CLASS 1.

Cellulose derivative. Shoe Form Co. 232,342; Sept. 6; Serial No. 240,221; published June 14, 1927.

Coal. Campbell Coal Company. 232,456; Sept. 6; Serial No. 244,539; published June 21, 1927.

Coal. Coleman Mining Co. 60,040; renewed Nov. 5, 1927.

Coal. Eureka Coal Company. 232,354; Sept. 6; Serial No. 233,116; published July 20, 1926.

Coal. Pocahontas Fuel Company Incorporated. 232,348; Sept. 6; Serial No. 238,667; published June 14, 1927.

Coal. Sheridan-Wyoming Coal Company. 232,289; Sept. 6; Serial No. 246,002; published June 21, 1927.

Foundry facings. F. B. Stevens. 56,800; renewed Oct. 16, 1926.

Griffith short-fiber paper filler especially prepared for the paper industry. W. H. Loomis Talc Corporation. 232,295; Sept. 6; Serial No. 246,169; published June 14, 1927.

Kid, glazed kid, and other leathers. Amalgamated Leather Companies. 232,269; Sept. 6; Serial No. 247,881; published June 21, 1927.

Paper pulp. Ramar Syndicate, Incorporated. 232,244; Sept. 6; Serial No. 243,932; published June 14, 1927.

Peat moss used as a scratch medium for poultry, etc. Form of Julius Loewith, Inc. 232,361; Sept. 6; Serial No. 231,112; published Apr. 12, 1927.

Sand. Ottawa Silica Co. 232,453; Sept. 6; Serial No. 244,411; published June 14, 1927.

Seed. Turnip. Van Antwerp's Drug Corporation, Inc. 232,240; Sept. 6; Serial No. 246,862; published June 14, 1927.

Silk and other fibres made from cellulose. Kohn-Rottwell Aktiengesellschaft. 232,258; Sept. 6; Serial No. 235,482; published June 21, 1927.

CLASS 2.

Boxes and cartons, chick and egg. Anderson Box Company. 232,470; Sept. 6.

Boxes for shipping, chick. Anderson Box Company. 232,265; Sept. 6; Serial No. 238,243; published June 28, 1927.

CLASS 3.

Bags, children's toy bags, etc., women's marketing and shopping. S. Blechman & Sons, Inc. 232,152; Sept. 6; Serial No. 247,249; published May 31, 1927.

Hames, wooden. Beagle Hame Works. 67,220; renewed Jan. 21, 1928.

Hand bags and traveling cases. Lilley Co. 232,370; Sept. 6; Serial No. 239,239; published June 14, 1927.

Purses, hand bags, and pocketbooks, ladies'. Schocket-Ritter Co. 232,414; Sept. 6; Serial No. 248,652; published June 21, 1927.

CLASS 4.

Cleaner, window and glass. W. R. Whitney. 232,241; Sept. 6; Serial No. 246,869; published June 21, 1927.

Cleaners, dry. Nuvo Corporation. 232,297; Sept. 6; Serial No. 246,356; published June 21, 1927.

Dry cleaner. G. H. Reimers. 232,855; Sept. 6; Serial No. 232,944; published June 28, 1927.

Dry-cleaning fluid. H. D. Kampf, Inc. 239,329; Sept. 6; Serial No. 242,134; published June 28, 1927.

Finishes, top and glaze. Excelsior Products Company. 232,335; Sept. 6; Serial No. 241,271; published June 21, 1927.

Metal polish. Magnetic Polish Company. 232,230; Sept. 6; Serial No. 246,694; published June 28, 1927.

Polish, metal. J. Stollenwerk. 232,298; Sept. 6; Serial No. 246,447; published June 21, 1927.

Soap. Sydney Ross Co. 232,246; Sept. 6; Serial No. 246,940; published June 21, 1927.

Soap, camphorated liquid. Fiske Brothers Refining Co. 66,859; renewed Dec. 31, 1927.

Soap, household, laundry, and hand cleanser. Western Soap & Chemical Co. 232,462; Sept. 6; Serial No. 244,801; published June 28, 1927.

Soap, liquid. Woodley Soap Manufacturing Company. 232,397; Sept. 6; Serial No. 226,412; published Aug. 17, 1926.

Stain remover and dry cleaner of clothes. A-One Products Co. 232,478; Sept. 6.

CLASS 5.

Adhesive compound. Weldst Mfg. Co. 232,346; Sept. 6; Serial No. 239,448; published June 21, 1927.

Glue. Swift and Company. 232,312; Sept. 6; Serial No. 248,534; published June 14, 1927.

Glue. Swift and Company. 232,313; Sept. 6; Serial No. 248,533; published June 21, 1927.

Glue. Swift and Company. 232,314; Sept. 6; Serial No. 248,532; published June 14, 1927.

Glue. Swift and Company. 232,315-17; Sept. 6; Serial Nos. 248,527-9; published June 14, 1927.

Glue. Swift and Company. 232,423; Sept. 6; Serial No. 248,526; published June 14, 1927.

Glue. Swift and Company. 232,424; Sept. 6; Serial No. 248,524; published June 14, 1927.

Sealing compound, tire-puncture. Geo. D. Sanders, sr. 232,257; Sept. 6; Serial No. 236,064; published June 14, 1927.

CLASS 6.

Antiseptic and germicide. E. T. Noland. 232,154; Sept. 6; Serial No. 247,282; published June 14, 1927.

Antiseptic for internal and external use. Dr. F. Von Heyden Nachfolger. 27,482; renewed Dec. 17, 1925.

Balsams, purgatives, pastils, and anaesthetics. J. Bengué. 66,633; renewed Dec. 17, 1927.

Chemical compounds for medicinal and other purposes. Dr. F. von Heyden Nachfolger. 26,124; renewed Feb. 26, 1925.

Chemical preparation for use in medicine. E. Merck. 232,375; Sept. 6; Serial No. 243,961; published June 21, 1927.

Compound for killing and repelling insects and for cleaning textiles, etc. A. W. Anderson. 232,169; Sept. 6; Serial No. 247,514; published June 21, 1927.

Compounds for processing pure silk. E. F. Houghton & Co. 232,309; Sept. 6; Serial No. 248,571; published June 28, 1927.

Cream, vanishing cream, etc. Cold, Belvedere Toilet Products Inc. 232,396; Sept. 6; Serial No. 227,769; published June 14, 1927.

Creams, cold. C. O. Padeford. 232,305; Sept. 6; Serial No. 246,622; published June 21, 1927.

Creams, toilet powder, etc. I. McEwen. 232,308; Sept. 6; Serial No. 248,584; published June 21, 1927.

Disinfectants and insecticides. Baird & McGuire, Inc. 232,438; Sept. 6; Serial No. 249,147; published June 28, 1927.

Disinfectants, deodorants, etc. A. Brick. 232,376; Sept. 6; Serial No. 243,747; published June 28, 1927.

Dyes and dyestuffs, etc. Chemische Fabrik Stockhausen & Cie. 232,395; Sept. 6; Serial No. 228,174; published June 28, 1927.

Dyestuffs. General Dyestuffs Corporation. 232,223; Sept. 6; Serial No. 248,404; published June 14, 1927.

Hairdressings. Harry Gerr, Inc. 232,426; Sept. 6; Serial No. 248,491; published June 21, 1927.

Hair grower. R. B. Elliott. 232,352; Sept. 6; Serial No. 233,815; published June 21, 1927.

Herb remedies for the diseases of the blood, kidneys, and liver, internal. Alonzo O. Bliss Medical Company. 232,166; Sept. 6; Serial No. 245,467; published June 14, 1927.

Insecticides. Rockland Chemical Co. 232,283; Sept. 6; Serial No. 248,129; published June 21, 1927.

Liquid for external skin use for sunburn, etc. A. M. Weiner. 232,181; Sept. 6; Serial No. 247,722; published June 14, 1927.

Liquid preparation. J. J. Strossell. 232,168; Sept. 6; Serial No. 247,500; published June 28, 1927.

Lotion. J. H. Levin. 232,416; Sept. 6; Serial No. 246,962; published June 14, 1927.

Lubricant and dye penetrant for all kinds of textile materials. H. & B. Textile Chemical Corporation. 232,437; Sept. 6; Serial No. 249,167; published June 28, 1927.

Medical preparation. Swine-plague. D. B. Harris. 232,467; Sept. 6.

Medicinal composition. L. J. Haberhorn. 232,262; Sept. 6; Serial No. 238,654; published June 14, 1927.

Medicinal compound. J. Svehla. 232,245; Sept. 6; Serial No. 246,939; published June 28, 1927.

Medicinal preparation. General Radium Laboratories. 232,276; Sept. 6; Serial No. 247,945; published June 21, 1927.

Medicinal tonics. F. E. Coe. 232,338; Sept. 6; Serial No. 240,768; published June 21, 1927.

Medicine. C. D. Bradham. 232,182; Sept. 6; Serial No. 247,728; published June 14, 1927.

Medicine. A. L. Breeding. 232,379; Sept. 6; Serial No. 243,528; published June 28, 1927.

Medicine. R. B. Curby. 232,463; Sept. 6; Serial No. 244,990; published June 21, 1927.

Medicine. C. H. Silberstein. 232,187; Sept. 6; Serial No. 247,829; published June 14, 1927.

Medicine for diarrhea. J. C. Smalley. 232,290; Sept. 6; Serial No. 246,004; published June 28, 1927.

Medicine for garget and inflammation and swollen udders in cows. E. W. Parks. 232,377; Sept. 6; Serial No. 243,064; published June 21, 1927.

Medicine for piles. J. K. Miller. 232,161; Sept. 6; Serial No. 247,382; published June 14, 1927.

Medicine, Poultry. M. D. Blackburn. 232,457; Sept. 6; Serial No. 244,652; published June 14, 1927.

Medicines. Grape Capsule Company. 64,458-9; renewed Aug. 6, 1927.

Medicines for the cure of pulmonary consumption. G. H. Center. 63,653; renewed July 2, 1927.

Oil, coconut-oil shampoo, and face powder. Hair and pressing. J. Bush. 232,469; Sept. 6.

Ointment. J. Batsos. 232,328; Sept. 6; Serial No. 242,167; published June 14, 1927.

Ointment. S. C. Wagner. 232,156; Sept. 6; Serial No. 247,300; published June 21, 1927.

Perfumery. J. A. Arkin. 232,228; Sept. 6; Serial No. 248,464; published June 14, 1927.

Perfumes, body lotions, face powders, etc. Erté, Inc. 232,172; Sept. 6; Serial No. 247,528; published June 14, 1927.

Polish, toilet water, lip rouge, face rouge, etc. Nall. A. J. Kennedy. 232,318; Sept. 6; Serial No. 243,370; published June 21, 1927.

Polish, toilet water, lip rouge, face rouge, face powder, etc. Nall. A. J. Kennedy. 232,380; Sept. 6; Serial No. 243,371; published June 21, 1927.

Powder, Complexion. J. A. Pozzoni Pharmacal Company. 232,204; Sept. 6; Serial No. 245,920; published June 21, 1927.

Powder, Dental. Alkasan Products, Inc. 232,411; Sept. 6; Serial No. 248,666; published June 14, 1927.

Powders, creams, packs, toilet waters, rouges, etc. Face Traymore Laboratories. 232,162; Sept. 6; Serial No. 247,399; published June 21, 1927.

Preparation. J. L. Allery. 232,272; Sept. 6; Serial No. 247,923; published June 14, 1927.

Preparation for the treatment of running and barking fits in dogs. D. O. Colhouer. 232,171; Sept. 6; Serial No. 247,522; published June 21, 1927.

Preparation for treating the scalp and removing dandruff. A. M. Hill. 232,336; Sept. 6; Serial No. 241,158; published June 21, 1927.

Product for blackening the eyes. S. de Tesson. 232,362; Sept. 6; Serial No. 231,095; published June 21, 1927.

Remedial agent for stomach and muscular troubles. F. A. Chapa. 64,451; renewed Aug. 6, 1927.

Remedies, Cold. M. J. Nisch. 232,353; Sept. 6; Serial No. 233,143; published June 14, 1927.

Remedy. A. C. Long. 63,961; renewed July 16, 1927.

Remedy. C. Raffaele. 63,943; renewed July 16, 1927.

Resins, Synthetic and other artificial. Dr. Helmr. Traun & Sohne, vormals Harburger Gummi-Kamm-Compagnie. 232,366; Sept. 6; Serial No. 230,059; published June 21, 1927.

Rouge, lip stick, and face powder. Richard Hudnut. 232,402; Sept. 6; Serial No. 248,906; published June 21, 1927.

Rouge, lip stick, and face powder. Richard Hudnut. 232,403; Sept. 6; Serial No. 248,904; published June 21, 1927.

Salt, Pickling. H. Lavin. 232,287-8; Sept. 6; Serial Nos. 245,992-3; published June 14, 1927.

Salve for cuts, burns, boils, etc. Healing. M. J. Lynch. 232,404; Sept. 6; Serial No. 248,851; published June 28, 1927.

Solvents. Howards & Sons Limited. 232,407-9; Sept. 6; Serial Nos. 248,697-9; published June 21, 1927.

Spray for agricultural purposes. Pacific Guano & Fertilizer Company. 232,151; Sept. 6; Serial No. 247,204; published June 28, 1927.

Starch, Laundry. Grand Union Tea Co. 65,476; renewed Oct. 8, 1927.

Sweetening compound. Dr. F. van Heyden Nachfolger. 27,330; renewed Nov. 26, 1925.

Tablets and powders, Headache. Nox-An-Ake Co. 232,185; Sept. 6; Serial No. 247,813; published June 28, 1927.

Toilet and facial products. M. F. Schlesinger. 232,349; Sept. 6; Serial No. 244,325; published June 21, 1927.

Toilet preparation. Clarks Products Inc. 232,233; Sept. 6; Serial No. 246,740; published June 28, 1927.

Tonic, Digestive. J. C. Brigadell. 232,212; Sept. 6; Serial No. 248,279; published June 14, 1927.

Tonic, Poultry. E. Rosenbaum. 232,166; Sept. 6; Serial No. 247,449; published June 21, 1927.

Treatment for amoebic dysentery. Ernst Bischoff Co. Inc. 232,215; Sept. 6; Serial No. 248,342; published June 14, 1927.

Vermix destroyers and insect exterminators. Speedex Chemical Company. 232,261; Sept. 6; Serial No. 234,063; published Sept. 7, 1926.

Wine elixir. California Medicinal Wine Co. 232,343; Sept. 6; Serial No. 240,167; published June 14, 1927.

CLASS 7.

Wire rope. John A. Roebling's Sons Co. 232,393; Sept. 6; Serial No. 192,734; published May 19, 1925.

CLASS 8.

Ash tray, cigarette holder, and match holder. Combination. S. T. Jessop Co. 232,250; Sept. 6; Serial No. 249,427; published June 28, 1927.

CLASS 9.

Firecrackers. American Finance and Commerce Co. 232,251-3; Sept. 6; Serial Nos. 249,400-2; published June 28, 1927.

CLASS 11.

Inks, Printing. Queen City Printing Ink Company. 232,303; Sept. 6; Serial No. 246,568; published June 28, 1927.

CLASS 12.

Blocks and tile. Universal Gypsum & Lime Co. 232,256; Sept. 6; Serial No. 236,821; published June 21, 1927.

Cement colors. Builder's Specialty Co. 232,170; Sept. 6; Serial No. 247,519; published June 21, 1927.

Cement, Furnace. S. Obermayer Co. 232,263; Sept. 6; Serial No. 238,608; published June 14, 1927.

Cement, Hydraulic. Ash Grove Lime & Portland Cement Company. 232,294; Sept. 6; Serial No. 246,146; published June 14, 1927.

Concrete hardener, waterproofer, and preserver. H. J. Schofield. 232,155; Sept. 6; Serial No. 247,291; published June 21, 1927.

Construction materials. Wilson & Greene Lumber Co. 232,267; Sept. 6; Serial No. 237,524; published June 14, 1927.

Flooring materials. Deutsche Xylolith-Platten-Fabrik Otto Sening & Co. G. m. b. H. 232,341; Sept. 6; Serial No. 240,407; published June 14, 1927.

Lumber. Fruit Growers Supply Company. 232,300; Sept. 6; Serial No. 246,473; published June 21, 1927.

Roofing material. H. B. Clifford Roofing Co. 232,201; Sept. 6; Serial No. 245,692; published June 21, 1927.

Tile. Tyle Manufacturing Co. 232,321; Sept. 6; Serial No. 242,976; published June 21, 1927.

CLASS 13.

Attachment to be secured to the bottoms of doors to prevent drafts. B. N. Reyes. 232,270; Sept. 6; Serial No. 247,908; published June 28, 1927.

Fixtures, Bathroom. Utility Manufacturing Company, Inc. 232,378; Sept. 6; Serial No. 243,568; published June 28, 1927.

Governors, gate gas valves, etc. Street. Isbell-Porter Co. 232,371; Sept. 6; Serial No. 224,409; published June 28, 1927.

Nails, Horseshoe. Capewell Horse Nail Company. 67,010; renewed Jan. 14, 1928.

Pipes of nonferrous metal. Mueller Brass Co. 232,429; Sept. 6; Serial No. 237,276; published June 28, 1927.

Valves, cocks, pressure regulators and tapping machines. H. Mueller Manufacturing Company. 50,910; renewed Nov. 30, 1927.

CLASS 14.

Die-casting metal and die castings. Doehler Die-Casting Co. 232,221; Sept. 6; Serial No. 248,399; published June 28, 1927.

Steel or iron sheets, Lead covered or coated. Superior Sheet Steel Company. 232,479; Sept. 6.

CLASS 16.

Carbon black. Binney & Smith Company. 232,266; Sept. 6; Serial No. 238,036; published June 28, 1927.

Paint, Metal. Eclipse Paint & Color Co. 232,284; Sept. 6; Serial No. 248,163; published June 21, 1927.

Paints, paste, varnish, lacquer, and paint enamels. F. I. Siegel & Son. 232,188; Sept. 6; Serial No. 245,109; published June 28, 1927.

Polish for furniture and automobiles. Plato's Inc. 232,222; Sept. 6; Serial No. 248,403; published June 28, 1927.

Water colors, oil paints, varnishes, etc. G. Wagner. 232,207; Sept. 6; Serial No. 245,981; published June 21, 1927.

CLASS 19.

Automobile trucks and removable bodies therefor. Motor Terminal Company. 232,340; Sept. 6; Serial No. 240,428; published June 28, 1927.

Car brakes, Mechanism for manual operation of railway. Ajax Hand Brake Company. 232,365; Sept. 6; Serial No. 250,270; published June 28, 1927.

Shims. Triangle Parts Co. 232,486; Sept. 6.

Trucks, Motor. International Motor Company. 232,268; Sept. 6; Serial No. 247,860; published June 28, 1927.

Vehicles, Automotive. Pierce-Arrow Motor Car Company. 232,225; Sept. 6; Serial No. 248,440; published June 28, 1927.

CLASS 20.

Oiled cloth. Columbus-Union Oil Cloth Co. 232,382-3; Sept. 6; Serial Nos. 213,891-2; published June 28, 1927.

CLASS 21.

Battery plates and ignition storage batteries. Arco Battery & Plate Co. 232,480; Sept. 6.

Radio receiving sets. Premier Electric Company. 232,473; Sept. 6.

CLASS 22.

Fishing tackle. Hook holders for. Enterprise Manufacturing Company. 232,474; Sept. 6.

Golf balls. Wilson-Western Sporting Goods Company. 232,249; Sept. 6; Serial No. 249,455; published June 28, 1927.

Tennis rackets. Gut string for. National Gut String Mfg. Co. 232,175; Sept. 6; Serial No. 247,537; published June 28, 1927.

CLASS 23.

Bearings and parts thereof, Antifriction. New Departure Manufacturing Company. 232,433; Sept. 6; Serial No. 249,234; published June 28, 1927.

Feeds, card breasts, cloth washers, etc. Automatic. James Hunter Machine Company. 232,208; Sept. 6; Serial No. 245,990; published June 28, 1927.

Metal advertising device. J. Kuhn. 232,454; Sept. 6; Serial No. 244,504; published June 28, 1927.

Metal containers, Equipment for sealing leaks in. Furmanite Corporation. 232,149; Sept. 6; Serial No. 247,180; published June 28, 1927.

Molds for making concrete burial vaults. Norwalk Vault Company. 232,285; Sept. 6; Serial No. 248,187; published June 28, 1927.

Oil-well drives and counterweighted disks on the drive. Link-Belt Company. 232,443; Sept. 6; Serial No. 249,076; published June 28, 1927.

Penknives, razors, and scissors. D. Peres. 60,727; renewed Feb. 19, 1927.

Protectors and certifiers. Mechanical check. Hedman Manufacturing Company. 232,307; Sept. 6; Serial No. 248,040; published June 28, 1927.

Pump, Hydraulic lift and force. F. W. Hoffman & Company. 232,191; Sept. 6; Serial No. 245,211; published June 28, 1927.

Pumps. Dayton Pump & Manufacturing Company. 232,275; Sept. 6; Serial No. 247,934; published June 28, 1927.

Razor blades, Safety. Apex Razor Blade Corporation. 232,445; Sept. 6; Serial No. 249,035; published June 28, 1927.

Spinning rings for textile machinery. Draper Company. 65,823; renewed Oct. 22, 1927.

Sprayers, spray pumps, and powder dusters. D. B. Smith & Company. 232,431-2; Sept. 6; Serial Nos. 249,242-3; published June 28, 1927.

Water-softening apparatus. Dayton Pump & Manufacturing Company. 232,219; Sept. 6; Serial No. 248,395; published June 28, 1927.

Water-softening apparatus. Dayton Pump & Manufacturing Company. 232,281; Sept. 6; Serial No. 248,092; published June 28, 1927.

CLASS 24.

Pressing machines and parts thereof, Garment. Pantex Pressing Machine, Inc. 232,210; Sept. 6; Serial No. 248,244; published June 28, 1927.

CLASS 26.

Hydrometers. W. T. Grant Company. 232,446; Sept. 6; Serial No. 249,002; published June 28, 1927.

Measures, measuring cups, etc. Dry and liquid. Republic Metalware Co. 232,235; Sept. 6; Serial No. 246,776; published June 28, 1927.

Measuring and delivering devices for granular or liquid products. Saver Manufacturing Company. 232,440; Sept. 6; Serial No. 249,099; published June 28, 1927.

Photographic apparatus. Ed. Kanitz & Co., Aktiengesellschaft. Weim. 232,347; Sept. 6; Serial No. 239,371; published June 28, 1927.

CLASS 29.

Brushes. Holton & Adams. 66,951; renewed Jan. 7, 1928.

Mops, Floor. Delphos Mop Company. 232,435; Sept. 6; Serial No. 249,216; published June 28, 1927.

Toothbrushes. Florence Manufacturing Company. 66,814; renewed Dec. 31, 1927.

CLASS 30.

China dishes and crockery. Albert Pick & Company. 232,224; Sept. 6; Serial No. 248,439; published June 28, 1927.

CLASS 31.

Refrigerating apparatus. Gas Refrigeration Corporation. 232,410; Sept. 6; Serial No. 248,680; published June 21, 1927.

Refrigerating systems, Radiators and condensers for. Winchester Repeating Arms Company. 232,271; Sept. 6; Serial No. 247,921; published June 28, 1927.

CLASS 32.

Chairs, beds, and car seats. Hale and Kilburn Manufacturing Company. 64,031; renewed July 23, 1927.

Furniture, Antique. Moutillor Bros. 232,488; Sept. 6.

Mattresses, pillows, and cushions. M. O. Kingstone. 232,200; Sept. 6; Serial No. 245,644; published June 28, 1927.

CLASS 33.

Glass tumblers, jugs, ice tubs, etc. Federal Glass Company. 232,358; Sept. 6; Serial No. 231,851; published June 28, 1927.

CLASS 34.

Burners, Combination natural-gas and fuel-oil. Nimrod, Limited. 232,231; Sept. 6; Serial No. 246,703; published June 28, 1927.

Lighters, Portable and pocket cigar and cigarette. Alford Dunhill of London, Inc. 232,226; Sept. 6; Serial No. 248,459; published June 28, 1927.

Ranges, plates, heaters, air and gas mixers, etc. Gas. Geo. D. Roper Corporation. 232,460; Sept. 6; Serial No. 244,888; published June 28, 1927.

CLASS 35.

Belting, Leather. Detroit Oak Belting Company. 67,331; renewed Jan. 28, 1928.

Jar rings, Fruit. Kroger Grocery & Baking Co. 232,439; Sept. 6; Serial No. 249,128; published June 28, 1927.

Tires and inner tubes, Pneumatic. Belknap Hardware & Manufacturing Company. 232,449-50; Sept. 6; Serial Nos. 248,989-90; published June 28, 1927.

Tires, Pneumatic vehicle. Goodyear Tire & Rubber Company. 232,345; Sept. 6; Serial No. 239,618; published June 28, 1927.

Tires, Vehicle. Lee Rubber & Tire Corporation. 232,483; Sept. 6.

CLASS 36.

Musical instruments. Cable Company. 67,022; renewed Jan. 14, 1928.

Tuning pins for pianos. W. Wagner, Jr. 61,144; renewed Mar. 5, 1927.

CLASS 37.

Bookkeeping supplies. Flach & Benedict, Inc. 232,374; Sept. 6; Serial No. 244,067; published June 28, 1927.

Books, Professional appointment. Professional Press, Incorporated. 232,441; Sept. 6; Serial No. 249,095; published June 28, 1927.

Bristol board. Graham Paper Company. 232,415; Sept. 6; Serial No. 248,633; published June 21, 1927.

Crayons, Dustless. Weber Costello Co. 232,367; Sept. 6; Serial No. 229,994; published June 21, 1927.

Diaries. Springfield Leather Products Company. 232,214; Sept. 6; Serial No. 248,332; published June 28, 1927.

Envelopes, letterheads, billheads, etc. P. C. Hofmann. 232,428; Sept. 6; Serial No. 237,414; published June 21, 1927.

Mailing sheet. J. A. Holden. 232,282; Sept. 6; Serial No. 248,103; published June 21, 1927.

Paper or cloth tape, Gummed. McLaurin-Jones Co. 232,179-80; Sept. 6; Serial Nos. 247,623-4; published June 21, 1927.

Paper, Wrapping. Package Paper Company. 232,477; Sept. 6.

Paper, Writing. Swartwood-Nelson Paper Co. 232,363; Sept. 6; Serial No. 231,022; published June 28, 1927.

Pencils. A. W. Faber, Inc. 232,330; Sept. 6; Serial No. 241,993; published June 28, 1927.

Pen, Metallic. D. Leonardt and Company. 232,327; Sept. 6; Serial No. 242,235; published June 28, 1927.

Rubber bands, pencils, and penholders. American Lead Pencil Company. 232,227; Sept. 6; Serial No. 248,460; published June 28, 1927.

Sales book. Cosby-Wirth Manifold Book Company. 232,147; Sept. 6; Serial No. 247,127; published June 21, 1927.

Tape, labels and the like strip material. Devices for moistening and/or serving adhesive or gummed. Nashua Package Sealing Co. Inc. 232,193; Sept. 6; Serial No. 245,366; published June 28, 1927.

CLASS 38.

Books and coupons, Coupon. Publix Theatres Corporation. 232,399; Sept. 6; Serial No. 248,929; published June 28, 1927.

Books and coupons, Coupon. Publix Theatres Corporation. 232,400; Sept. 6; Serial No. 248,927; published June 28, 1927.

Magazine. Ahrens Publishing Company. 232,410-20; Sept. 6; Serial Nos. 248,610-11; published June 14, 1927.

Magazine. Amateur Cinema League, Inc. 232,218; Sept. 6; Serial No. 248,387; published June 14, 1927.

Magazine. Marlon Steam Shovel Company. 232,398; Sept. 6; Serial No. 248,964; published June 28, 1927.

Magazine. Martin Publications, Inc. 232,209; Sept. 6; Serial No. 248,239; published June 14, 1927.

Magazine. Frank A. Munsey Company. 232,292; Sept. 6; Serial No. 246,109; published June 21, 1927.

Magazine. Prep School Publications, Inc. 232,401; Sept. 6; Serial No. 248,925; published June 28, 1927.

Magazines. Certified Milk Producers' Association of America, Inc. 232,451; Sept. 6; Serial No. 248,988; published June 28, 1927.

Magazines. Chicagoan Publishing Company. 232,183; Sept. 6; Serial No. 247,778; published June 21, 1927.

Magazines. Experimenter Publishing Company. 232,173; Sept. 6; Serial No. 247,530; published June 28, 1927.

Magazines. Kenfield-Davis Publishing Company. 232,199; Sept. 6; Serial No. 245,563; published June 21, 1927.
 Newspaper articles, heading for. Bulletin Company. 232,242; Sept. 6; Serial No. 246,885; published June 21, 1927.
 Newspapers. El Paso Times Company. 232,356; Sept. 6; Serial No. 232,723; published June 21, 1927.
 Periodical. Radio Manufacturers' Publishing Company. 232,436; Sept. 6; Serial No. 249,193; published June 28, 1927.
 Photographs. Rexgold Manufacturing Company. 232,194; Sept. 6; Serial No. 245,369; published June 21, 1927.
 Pictures, illustrations, display cards, greeting cards, and booklets. Meriden Gravure Company. 232,279; Sept. 6; Serial No. 248,008; published June 28, 1927.
 Publication. Gladding McKean & Co. 232,310; Sept. 6; Serial No. 243,568; published June 14, 1927.
 Publication. Home Builders' Catalog Co. 232,188; Sept. 6; Serial No. 245,486; published June 21, 1927.
 Publication. Keystone Publishing Co. 232,153; Sept. 6; Serial No. 247,274; published June 28, 1927.
 Publication. Natamsa Publishing Company. 232,434; Sept. 6; Serial No. 249,233; published June 28, 1927.
 Publication. Readers' Publishing Corp. 232,205; Sept. 6; Serial No. 245,921; published June 21, 1927.
 Publication. Russell's Commercial News, Inc. 232,255; Sept. 6; Serial No. 249,299; published June 28, 1927.
 Publication. Ziv Steel & Wire Company. 232,157; Sept. 6; Serial No. 247,303; published June 21, 1927.
 Publications. Dictaphone Sales Corporation. 232,390; Sept. 6; Serial No. 206,113; published June 28, 1927.
 Publications. Loudspeaker Publishing Corporation. 232,184; Sept. 6; Serial No. 247,799; published June 14, 1927.
 Publications of advertisements and advertising prints. L. Chanin. 232,459; Sept. 6; Serial No. 244,317; published June 21, 1927.
 Title for a column of news. Oregonian Publishing Company. 232,158; Sept. 6; Serial No. 247,340; published June 21, 1927.
 Woven labels. Warner Woven Label Co. Inc. 232,159; Sept. 6; Serial No. 247,348; published June 21, 1927.

CLASS 39.

Boots, shoes, and slippers. Dorothy Dodd Shoe Company. 232,238; Sept. 6; Serial No. 246,823; published June 7, 1927.
 Boots, shoes, sandals, etc. Chassures Bally Société Anonyme de Fabrication. 232,197; Sept. 6; Serial No. 245,473; published June 7, 1927.
 Boots, shoes, slippers, etc. E. E. Taylor Company. 232,364; Sept. 6; Serial No. 230,320; published June 29, 1926.
 Caps and bonnets and children's hats. Infants'. N. Y. Mfg. Corp. 232,464; Sept. 6.
 Clothing. C. E. Cones and Son Manufacturing Company. 64,420; renewed Aug. 6, 1927.
 Clothing, men's and boys'. S. Kubrin. 232,489; Sept. 6.
 Coats, pants, pyjama suits, shirts, etc. Men's. Haspel Brothers, Inc. 232,392; Sept. 6; Serial No. 246,549; published June 7, 1927.
 Dresses, blouses, suits, boys' wash suits, etc. Misses' and children's. J. Markowitz & Son, Inc. 232,471; Sept. 6.
 Dresses, ladies'. Tablin-Picker and Company. 232,293; Sept. 6; Serial No. 246,132; published May 17, 1927.
 Footwear. Firestone Footwear Company. 232,492; Sept. 6.
 Furnishings, undergarments, and clothing, etc. Franklin Simon & Co. Inc. 232,325; Sept. 6; Serial No. 242,660; published June 7, 1927.
 Garters. Hanover Garter Co. 232,472; Sept. 6.
 Hats and caps. Levine & Smith. 232,239; Sept. 6; Serial No. 246,838; published June 7, 1927.
 Hats, fur. Crofut & Knapp Co. 66,857; renewed Dec. 31, 1927.
 Hats, furs, dresses, coats, etc. M. I. Stewart & Co. 232,468; Sept. 6.
 Hats, ladies'. Standecker & Company. 232,195; Sept. 6; Serial No. 245,413; published May 17, 1927.
 Hats, men's. Long's Hat Stores Corporation. 232,247; Sept. 6; Serial No. 246,904; published June 7, 1927.
 Hats, men's. Stylepark Hats, Inc. 232,326; Sept. 6; Serial No. 242,629; published June 7, 1927.
 Hats, shoes, sweaters, etc. Russeks Fifth Avenue Inc. 232,465; Sept. 6.
 Hosiery. J. B. Beaton Co. Inc. 232,484; Sept. 6.
 Hosiery. Cannon Mills, Inc. 232,160; Sept. 6; Serial No. 247,359; published June 7, 1927.
 Hosiery. Dayton Hosiery Mills. 232,339; Sept. 6; Serial No. 240,644; published June 7, 1927.
 Hosiery and shoes. Famous. 232,304; Sept. 6; Serial No. 246,602; published June 7, 1927.
 Hosiery and underwear. Colton & Bernie, Inc. 232,324; Sept. 6; Serial No. 242,708; published Mar. 1, 1927.
 Knit goods. P. Itaguet fils & R. Vignes. 65,325; renewed Sept. 17, 1927.
 Neckties. Etablissements Paul Omer & Cie. 232,319; Sept. 6; Serial No. 243,353; published June 7, 1927.
 Overall, khaki and corduroy pants, boys' knickers, etc. Treister-Yanow Company. 232,485; Sept. 6.
 Raincoats and overcoats. Rubberized and waterproof. S. H. Freedman. 232,458; Sept. 6; Serial No. 244,686; published June 7, 1927.

Shoes. Marshall Field & Company. 232,148; Sept. 6; Serial No. 247,177; published June 7, 1927.
 Shoes. B. Friedman Shoe Co. 232,490; Sept. 6.
 Shoes. J. P. Smith Shoe Company. 232,372; Sept. 6; Serial No. 219,695; published Sept. 21, 1926.
 Shoes and boots. Chicago Mail Order Company. 232,229; Sept. 6; Serial No. 246,666; published June 7, 1927.
 Shoes, ankle straps for. B. A. Ballou & Co. 232,452; Sept. 6; Serial No. 247,062; published June 21, 1927.
 Shoes, slippers, and boots, etc. I. Miller & Sons, Inc. 232,280; Sept. 6; Serial No. 248,010; published June 7, 1927.
 Stockings. Julius Kayser & Co. 232,337; Sept. 6; Serial No. 240,821; published Apr. 12, 1927.
 Suits, overcoats, etc. Ben Rocke, Inc. 232,206; Sept. 6; Serial No. 245,923; published June 7, 1927.
 Ties, cravats, four-in-hand and bow ties. Friedman Bros. & Sons Neckwear Co. 232,475; Sept. 6.
 Undershirts. Knit. Rubens & Marble. 66,377; renewed Nov. 26, 1927.
 Undershirts. Knit. Rubens & Marble. 66,672; renewed Dec. 17, 1927.
 Vests, infants'. Blue Star Knitting Company. 232,476; Sept. 6.
 Wearing apparel. Julian Goldsman Stores, Inc. 232,291; Sept. 6; Serial No. 246,029; published June 7, 1927.

CLASS 40.

Combs. Aberdeen Comb Works Company. 64,184; renewed July 30, 1927.

CLASS 42.

Blankets, virgin-wool bed. Oregon City Manufacturing Company. 232,491; Sept. 6.
 Cotton piece goods. Boot Mills. 66,322-3; renewed Nov. 19, 1927.
 Cotton piece goods. M. C. D. Borden & Sons, Inc. 232,211; Sept. 6; Serial No. 248,278; published June 28, 1927.
 Handkerchiefs. Bloch Freres, Inc. 232,273; Sept. 6; Serial No. 247,925; published June 28, 1927.
 Linings, shoe. D. B. Purbeck & Co. 232,286; Sept. 6; Serial No. 248,195; published June 28, 1927.
 Tablecloths, napkins, sheets, and pillowcases, etc. Linen-damask. Dundee Linen Shop. 232,256; Sept. 6; Serial No. 234,504; published June 28, 1927.
 Tapestry goods. A. Theo. Abbott & Co. 66,828; renewed Dec. 31, 1927.
 Textile fabrics. Reliable Silk Manufacturing Co. 232,320; Sept. 6; Serial No. 243,160; published June 28, 1927.
 Textile fabrics. Reliable Silk Manufacturing Co. 232,333; Sept. 6; Serial No. 241,670; published June 28, 1927.
 Textile fabrics of wool and cotton. William Whitman Company. 232,422; Sept. 6; Serial No. 248,605; published June 28, 1927.
 Textile of cotton and rayon mixture. Lorraine Manufacturing Company. 232,425; Sept. 6; Serial No. 248,505; published June 28, 1927.
 Towels. Carson Pirie Scott & Co. 232,360; Sept. 6; Serial No. 231,526; published June 28, 1927.
 Veiling and net fabrics. Mesh. Well Brothers. 63,918; renewed July 16, 1927.
 Wool and worsted suiting piece goods. Hutchings & Company. 232,487; Sept. 6.
 Woolen piece goods. Forstmann & Huffmann Company. 232,481; Sept. 6.
 Woolen, worsted, cotton piece goods. Woolen Corporation of America. 232,413; Sept. 6; Serial No. 248,660; published June 28, 1927.

CLASS 43.

Cotton, thread, and sewing cotton. Spool. American Thread Company. 232,418; Sept. 6; Serial No. 248,614; published June 28, 1927.

CLASS 44.

Bandages. Plaster-of-Paris. G. C. Deane. 232,220; Sept. 6; Serial No. 248,396; published June 28, 1927.
 Catamenial protectors. J. Perleweig. 232,322; Sept. 6; Serial No. 242,853; published June 28, 1927.
 Sanitary belts. Olmstead Corporation. 232,176; Sept. 6; Serial No. 247,562; published June 28, 1927.
 Therapeutic lamps. Fitzgerald Manufacturing Company. 232,216; Sept. 6; Serial No. 248,355; published June 28, 1927.

CLASS 45.

Ginger ale. Henry Gehring Company. 232,369; Sept. 6; Serial No. 229,791; published June 28, 1927.
 Ginger ale. Rycroft-Arctic Soda Company, Limited. 232,482; Sept. 5.

CLASS 46.

Almonds, Shelled. Habicht, Braun & Co. 66,960-5; renewed Jan. 7, 1928.
 Bacon and meat luncheon loaf. Swift and Company. 232,430; Sept. 6; Serial No. 249,245; published June 28, 1927.
 Bread. Flaherty Baking Company. 232,217; Sept. 6; Serial No. 248,356; published June 14, 1927.
 Bread. Gordon-Pagel Company. 232,388; Sept. 6; Serial No. 208,649; published June 7, 1927.
 Bread. Grays Harbor Baking Company. 232,243; Sept. 6; Serial No. 246,896; published June 21, 1927.

Bread. B. Westergaard & Company. 232,192; Sept. 6; Serial No. 245,809; published June 14, 1927.
 Candles, glazed fruits, etc. Charles & Co. 66,792; renewed Dec. 31, 1927.
 Candy. Paul F. Belch Company. 232,405; Sept. 6; Serial No. 248,807; published June 21, 1927.
 Candy. Bur-Bee Candy Co. 232,447-8; Sept. 6; Serial Nos. 248,995-6; published June 21, 1927.
 Candy. Ireland Candy Company. 232,248; Sept. 6; Serial No. 247,021; published June 28, 1927.
 Candy. Weinstein & Smith. 232,384; Sept. 6; Serial No. 212,984; published June 21, 1927.
 Candy bars. G. E. Curme. 232,357; Sept. 6; Serial No. 232,258; published June 28, 1927.
 Canned clams. Jasper Wyman & Son. 67,201; renewed Jan. 21, 1928.
 Canned crab meat. North American Mercantile Company. 232,442; Sept. 6; Serial No. 249,088; published June 21, 1927.
 Canned crushed fruits in sirup. R. Frank. 232,394; Sept. 6; Serial No. 211,841; published May 17, 1927.
 Canned, dried, and fresh fruits and olive oil. Maywood Packing Co. 66,177; renewed Nov. 12, 1927.
 Canned fish. S. A. Haram & Co. Inc. 232,391; Sept. 6; Serial No. 205,334; published June 21, 1927.
 Canned fish and oysters. Waples-Platter Grocer Co. 64,536-7; renewed Aug. 13, 1927.
 Canned fruits and vegetables. Cutler-Lobingier Packing Company. 232,466; Sept. 6.
 Canned fruits and vegetables. Waples-Platter Grocer Co. 64,393; renewed July 30, 1927.
 Canned fruits and vegetables and dried fruits. Salinas Valley Canning Co. 232,277; Sept. 6; Serial No. 247,971; published June 28, 1927.
 Canned fruits and vegetables, sauerkraut, dried fruits, and spices. Waples-Platter Grocer Co. 64,406; renewed Aug. 6, 1927.
 Canned fruits, berries, and vegetables, jams, jellies, etc. Puyallup & Sumner Fruit Growers Association. 232,234; Sept. 6; Serial No. 246,771; published June 28, 1927.
 Canned fruits, vegetables, and sardines. F. E. Booth Co. 232,274; Sept. 6; Serial No. 247,926; published June 21, 1927.
 Canned salmon. Salmon Exchange, Inc. 232,203; Sept. 6; Serial No. 245,865; published June 28, 1927.
 Canned vegetables. Illinois Canning Co. 67,052-3; renewed Jan. 14, 1928.
 Caramels. I. C. Candy Co. 232,389; Sept. 6; Serial No. 207,870; published May 26, 1925.
 Cheese. Sierra Food Company. 232,386; Sept. 6; Serial No. 209,502; published June 7, 1927.
 Cocoa and chocolate. Mazawatte Tea Company. 66,688; renewed Dec. 24, 1927.
 Coffee. American Company of Arkansas. 232,189; Sept. 6; Serial No. 245,133; published June 21, 1927.
 Coffee. P. H. Fennell. 232,165; Sept. 6; Serial No. 247,421; published June 28, 1927.
 Coffee. Johnson Coffee Co. 232,213; Sept. 6; Serial No. 248,301; published June 21, 1927.
 Coffee and tea. Grand Union Tea Co. 64,732; renewed Aug. 20, 1927.
 Corned-beef luncheon roll. A. F. Multer, sr. 232,373; Sept. 6; Serial No. 216,982; published Nov. 23, 1926.
 Extracts, food-flavoring. Premier Color Works. 232,359; Sept. 6; Serial No. 231,631; published June 21, 1927.
 Feed, cattle. Grain Belt Mills Company. 232,412; Sept. 6; Serial No. 248,601; published June 14, 1927.
 Feed, horse, cow, chicken, etc. Colorado Milling & Elevator Co. 232,417; Sept. 6; Serial No. 248,620; published June 14, 1927.
 Flavoring extracts. Grand Union Tea Co. 65,503; renewed Oct. 8, 1927.
 Flavors for frozen confections, etc. Citrus Products Company. 232,385; Sept. 6; Serial No. 212,173; published June 21, 1927.
 Flour and corn meal. Wheat. Anchor Milling & Grocery Company. 232,381; Sept. 6; Serial No. 214,576; published May 4, 1926.
 Flour, corn. B. Martinez Sons Co. 232,174; Sept. 6; Serial No. 247,553; published June 21, 1927.
 Flour, wheat. Colorado Milling & Elevator Co. 232,260; Sept. 6; Serial No. 234,096; published Sept. 7, 1926.
 Flour, wheat. Colorado Milling & Elevator Co. 232,421; Sept. 6; Serial No. 248,621; published June 14, 1927.
 Flour, wheat. Gronseth & Olsen. 63,875; renewed July 9, 1927.
 Flour, wheat. Harlan Milling Company. 232,406; Sept. 6; Serial No. 248,772; published June 21, 1927.
 Flour, wheat. Hauck Milling Company. 232,392; Sept. 6; Serial No. 203,815; published June 21, 1927.

Flour, wheat. Larabee Flour Mills Company. 232,296; Sept. 6; Serial No. 246,295; published June 14, 1927.
 Flour, wheat. New Ulm Roller Mill Company. 64,446; renewed Aug. 6, 1927.
 Flour, wheat. Red Star Milling Company. 232,387; Sept. 6; Serial No. 209,365; published Apr. 13, 1926.
 Flour, wheat, buckwheat, and rye. United Grain and Supply Company. 232,368; Sept. 6; Serial No. 229,833; published June 14, 1927.
 Flour, wheat, rye, Graham, etc. Flour Mills of America, Inc. 232,455; Sept. 6; Serial No. 244,531; published June 14, 1927.
 Food, dog. Old Trusty Dog Food Company. 232,350; Sept. 6; Serial No. 244,090; published June 21, 1927.
 Fruits and grapes, dried fruits, and raisins, fresh and deciduous. Sawyer & Murray. 232,427; Sept. 6; Serial No. 237,475; published June 28, 1927.
 Fruits, basketed fresh. Charles & Co. 66,385; renewed Nov. 26, 1927.
 Fruits, citrus. East Highlands Citrus Assn. 232,444; Sept. 6; Serial No. 249,046; published June 21, 1927.
 Fruits, fresh citrus and deciduous. Charters-Davis Company. 232,331; Sept. 6; Serial No. 241,932; published May 17, 1927.
 Fruits, grapes, vegetables, and melons. S. K. Thomas. 232,264; Sept. 6; Serial No. 235,561; published June 21, 1927.
 Grapes. Richland Fruit Co. 232,306; Sept. 6; Serial No. 246,033; published June 21, 1927.
 Grapes and pomegranates, fresh. W. C. Merwin. 232,332; Sept. 6; Serial No. 241,893; published June 28, 1927.
 Honey. Charles B. Justice & Co. 232,301; Sept. 6; Serial No. 248,573; published July 5, 1927.
 Jams, jellies, and marmalades. Ladd Hoffmann Products Co. 232,190; Sept. 6; Serial No. 245,149; published June 21, 1927.
 Macaroni, spaghetti, and wheat flour. Waples-Platter Grocer Co. 65,847; renewed Oct. 22, 1927.
 Mayonnaise. S. B. Drucker. 232,177-8; Sept. 6; Serial Nos. 247,603-4; published June 21, 1927.
 Meal, white-corn table. Mayo Milling Company. 232,150; Sept. 6; Serial No. 247,198; published June 14, 1927.
 Milk-chocolate coating and milk cocoa. Lamont, Corliss & Company. 232,334; Sept. 6; Serial No. 241,626; published June 28, 1927.
 Nuts, salted. Z. S. Wan. 232,254; Sept. 6; Serial No. 249,309; published June 28, 1927.
 Oil, olive. A. Cassatly & Co. 232,163; Sept. 6; Serial No. 247,409; published June 21, 1927.
 Oranges, lemons, and grapefruit. Bryn Mawr Fruit Growers Association. 232,323; Sept. 6; Serial No. 242,814; published June 28, 1927.
 Potatoes. H. B. McNeal. 232,167; Sept. 6; Serial No. 247,478; published June 21, 1927.
 Potatoes. Red Mill Packing Co. Inc. 232,186; Sept. 6; Serial No. 247,818; published June 21, 1927.
 Sirup and molasses. Waples-Platter Grocer Co. 64,407-8; renewed Aug. 6, 1927.
 Sirup, glucose, grape-sugar, and potato starch. Nord-deutsche Kartoffelmehl-Fabrik mit beschränkter Haftung. 65,263; renewed Sept. 17, 1927.
 Tomato paste. A. Glorioso. 232,351; Sept. 6; Serial No. 233,986; published June 21, 1927.
 Vegetables and fresh deciduous and citrus fruits, fresh. G. A. Weitz. 232,461; Sept. 6; Serial No. 244,899; published June 21, 1927.
 Vegetables, fresh. Cochran-Turney-Crispo, Inc. 232,311; Sept. 6; Serial No. 248,555; published June 28, 1927.

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Awnings. R. S. Campbell. 232,344; Sept. 6; Serial No. 240,127; published June 21, 1927.
 Book-repair kits. Gaylord Brothers, Incorporated. 232,278; Sept. 6; Serial No. 247,993; published June 21, 1927.
 Bottle caps. Eastern Advertising Company. 232,164; Sept. 6; Serial No. 247,418; published June 21, 1927.
 Mats. Cleveland Buckram & Bag Co. 232,299; Sept. 6; Serial No. 246,465; published June 14, 1927.
 Paint sets. L. Driefuss. 232,202; Sept. 6; Serial No. 245,699; published June 21, 1927.
 Signs. R. A. Taniel. 232,232; Sept. 6; Serial No. 246,721; published June 14, 1927.
 Statuary. Daprato Statuary Company. 66,705; renewed Dec. 24, 1927.
 Table pads. O. Winter. 232,236-7; Sept. 6; Serial Nos. 246,796-7; published June 14, 1927.

ALPHABETICAL LIST OF LABELS.

Alphabetical. For Oranges. Villa Park Orchards Association. 32,739; Sept. 6.
 Baby Grand Brand. For Fresh Grapes. M. D. Riccl. 32,781; Sept. 6.
 Berry's Shasta Snow Flakes The Soap That Whitens. For Soap Flakes. J. H. Berry. 32,690; Sept. 6.
 Black Cat. For Finger-Nail Polish. A. L. Bartlett. 32,689; Sept. 6.
 Charmette Almond Creme. For a Toilet Cream. C. F. Metcalf. 32,719; Sept. 6.

Competitor Eggs. For Eggs. Egg-Safety Carton Co. 32,695; Sept. 6.
 Corn-Flite. For Corn Plaster. Quick Sales Company. 32,729; Sept. 6.
 Double A. For Fresh Oranges. East Highlands Citrus Assn. 32,694; Sept. 6.
 El'Nar Castle Assorted Chocolates. For Candy. Milwaukee Paper Box Co. 32,723; Sept. 6.
 El'Nar Desert Assorted Chocolates. For Candy. Milwaukee Paper Box Co. 32,725; Sept. 6.

ALPHABETICAL LIST OF LABELS.

- El'Nar Golden West Assorted Chocolates. For Candy. Milwaukee Paper Box Co. 32,721; Sept. 6.
 El'Nar Mt. Hood Assorted Chocolates. For Candy. Milwaukee Paper Box Co. 32,722; Sept. 6.
 Festival Beets. For Canned Beets. T. W. Jenkins & Company. 32,709; Sept. 6.
 Festival Brand Baby Stringless Beans. For Canned Stringless Beans. T. W. Jenkins & Company. 32,705; Sept. 6.
 Festival Brand Clams. For Canned Clams. T. W. Jenkins & Company. 32,713; Sept. 6.
 Festival Brand Oysters. For Canned Oysters. T. W. Jenkins & Company. 32,703; Sept. 6.
 Festival Brand Salmon. For Canned Salmon. T. W. Jenkins & Company. 32,714; Sept. 6.
 Festival Brand Sardines. For Canned Sardines. T. W. Jenkins & Company. 32,715; Sept. 6.
 Festival Brand Shrimp. For Canned Shrimp. T. W. Jenkins & Company. 32,716; Sept. 6.
 Festival Cut Beans. For Canned Cut Beans. T. W. Jenkins & Company. 32,717; Sept. 6.
 Festival Golden Sweet Corn. For Canned Sweet Corn. T. W. Jenkins & Company. 32,712; Sept. 6.
 Festival Grape Fruit. For Canned Grapefruit. T. W. Jenkins & Company. 32,708; Sept. 6.
 Festival Hominy. For Canned Hominy. T. W. Jenkins & Company. 32,707; Sept. 6.
 Festival Peas. For Canned Peas. T. W. Jenkins & Company. 32,702; Sept. 6.
 Festival Petit Pois. For Canned Small Peas. T. W. Jenkins & Company. 32,704; Sept. 6.
 Festival Sweet Potatoes. For Canned Sweet Potatoes. T. W. Jenkins & Company. 32,711; Sept. 6.
 Festival Tomatoes. For Canned Tomatoes. T. W. Jenkins & Company. 32,706; Sept. 6.
 Festival Whole Stringless Beans. For Canned Whole Stringless Beans. T. W. Jenkins & Company. 32,710; Sept. 6.
 Golden State Malt Syrup. For Malt Syrup. Milwaukee Brewery of San Francisco. 32,720; Sept. 6.
 Immense Value. For Coffee. Blodgett-Beckley Co. 32,691; Sept. 6.
 Jam-Pie. For Cake and Jam. White House Baking Co. Inc. 32,740; Sept. 6.
 Kiddie's Handkerchiefs. For Children's Handkerchiefs. Artmart Linen Co. 32,685; Sept. 6.
 Kiltie Food Products. For Meat Products. J. D. Smith. 32,732; Sept. 6.
- Life's Balm Salve. For Salve. J. Cerola. 32,692; Sept. 6.
 Miss New York Pantie Girdle. For Pantie Girdles. R & G Corset Company. 32,730; Sept. 6.
 Nick's Cleaner. For Cleaning Compound. Cleaning Products Co. 32,693; Sept. 6.
 Pariseau. For Shoes. Hoague-Sprague Corporation. 32,701; Sept. 6.
 Pheasant. For Picnic, a Meat Product Comprising Sliced Beef. E. Kahn's Sons Company. 32,718; Sept. 6.
 Phoebe-Fair Hosiery. For Hosiery. Phoebe-Fair Hosiery Corporation. 32,727; Sept. 6.
 Pick O' the Nest Eggs. For Eggs. Egg-Safety Carton Co. 32,696; Sept. 6.
 Pillow Tubing. For Pillow Tubing. S. Picard. 32,728; Sept. 6.
 Radlator Glycerine Antifreeze Solution. For Glycerin Antifreeze Solution. Association of American Soap & Glycerine Producers, Inc. 32,686; Sept. 6.
 Red-Row. For Macaroni. Feeser Macaroni Company. 32,697; Sept. 6.
 Red Circle Primrose Chocolates. For Candy. Milwaukee Paper Box Co. 32,726; Sept. 6.
 Red Circle Twilight Chocolates. For Candy. Milwaukee Paper Box Co. 32,724; Sept. 6.
 Select Brand. For Sweet Mixed Pickles. Gelfand Manufacturing Company. 32,698; Sept. 6.
 Solidified Compound Glycerine & Rose Water. For Solidified Compound Glycerin and Rose Water. G. W. Tritle. 32,736; Sept. 6.
 Spanier's Antacid Tablets. For Antacid Tablets. A. Spanier & Co. 32,734; Sept. 6.
 Spanier's Rheumatex Tablets. For Rheumatex Tablets. A. Spanier & Co. 32,733; Sept. 6.
 Tampa Dry. For Ginger Ale. Tampa Tripure Water Corporation. 32,735; Sept. 6.
 The Good Old Time. For Pure Malt Syrup. D. J. Goldsmith. 32,700; Sept. 6.
 The Ticker. For Cigars. L. P. Glass. 32,699; Sept. 6.
 Three Arches. For Oranges. Villa Park Orchard Association. 32,738; Sept. 6.
 Tick-Tock. For Oranges. Villa Park Orchards Association. 32,737; Sept. 6.
 W. H. Baker, Almond-Bar. Sweet Milk Chocolate. For Almond Bars. W. H. Baker, Inc. 32,687; Sept. 6.
 W. H. Baker, Milk Chocolate. Best Quality. For Milk Chocolate. W. H. Baker, Inc. 32,688; Sept. 6.

ALPHABETICAL LIST OF PRINTS.

- A Cigarette If You Ask Me. For Tobacco. R. J. Reynolds Tobacco Company. 10,171; Sept. 6.
 A Lighted Camel Leads Straight to Contentment. For Cigarettes. R. J. Reynolds Tobacco Company. 10,181; Sept. 6.
 A Nice Little Puff In The Paper. For Tobacco. R. J. Reynolds Tobacco Company. 10,175; Sept. 6.
 Busy Smokers of Today Select Camel as Their Favorite Smoke. For Cigarettes. R. J. Reynolds Tobacco Company. 10,158; Sept. 6.
 Camel Is The Modern Favorite. For Cigarettes. R. J. Reynolds Tobacco Company. 10,182; Sept. 6.
 Camels—Created for Enjoyment. For Cigarettes. R. J. Reynolds Tobacco Company. 10,157; Sept. 6.
 Cam-Of-Bag. For Mothproof Dustproof Clothes Bags. C. F. Mayer. 10,152; Sept. 6.
 Capitol Waist & Dress Co. Manufacturers of Dresses. For Dresses. Capitol Waist and Dress Company. 10,148; Sept. 6.
 Drink a Bite to Eat at Ten—Two & Four o'clock, 3-a-day. Keeps Energy Up. For Dr. Pepper, a Soft Drink. Dr. Pepper Co. 10,154; Sept. 6.
 Enough to Make a Pipe Get Puffed Up. For Tobacco. R. J. Reynolds Tobacco Company. 10,174; Sept. 6.
 French Beauty Products Company. For Perfumes, Cosmetics, and Various Other Toilet Preparations. French Beauty Products Co. 10,150; Sept. 6.
 Gentlemen, Here Is a Smoke! For Cigarettes. R. J. Reynolds Tobacco Company. 10,159; Sept. 6.
 Hill Clothes Dryers. For Clothes Dryers. Hill Clothes Drier Company. 10,151; Sept. 6.
 I Figured Right When I Signed With P. A. For Tobacco. R. J. Reynolds Tobacco Company. 10,170; Sept. 6.
 I'm Living 'From Hand to Mouth' These Days. For Tobacco. R. J. Reynolds Tobacco Company. 10,165; Sept. 6.
 Jersey Bar. For Jersey Milk, Sandwiches, Coffee, Pie, Doughnuts, and Ice Cream. J. R. Sibley. 10,187; Sept. 6.
 Let's Get Down to Cases. For Tobacco. R. J. Reynolds Tobacco Company. 10,173; Sept. 6.
 Modern Smokers Demand Quality and Put Camel First. For Cigarettes. R. J. Reynolds Tobacco Company. 10,161; Sept. 6.
 Modern Smokers Praise the Integrity of Camels. For Cigarettes. R. J. Reynolds Tobacco Company. 10,168; Sept. 6.
 Musical Elite Boudoir Powder Boxes. For Musical Novelties. Wm. F. Sprague & Co. 10,188; Sept. 6.
 No Half-Way Verdict—Camel Is Supreme. For Cigarettes. R. J. Reynolds Tobacco Company. 10,162; Sept. 6.
- Nothing But Blue Skies From Now On. For Tobacco. R. J. Reynolds Tobacco Company. 10,185; Sept. 6.
 No Two Ways About It—P. A. Makes Camels Cigarettes! For Tobacco. R. J. Reynolds Tobacco Company. 10,172; Sept. 6.
 One After Another Camels Passes them all. For Cigarettes. R. J. Reynolds Tobacco Company. 10,167; Sept. 6.
 P. A. And the Papers—That's All You Need. For Tobacco. R. J. Reynolds Tobacco Company. 10,163; Sept. 6.
 P. A. Makes The Slimkest Cigarette You Ever Rolled. For Tobacco. R. J. Reynolds Tobacco Company. 10,177; Sept. 6.
 P. A. Says 'Come Again!' In Every Puff. For Tobacco. R. J. Reynolds Tobacco Company. 10,166; Sept. 6.
 P. A. Was Made-To-Measure For Me. For Tobacco. R. J. Reynolds Tobacco Company. 10,175; Sept. 6.
 Platt Bros. Styl-Fit Dresses. For Dresses. Platt Brothers. 10,155; Sept. 6.
 Smoke. For Tobacco Products. H. Hackett. 10,186; Sept. 6.
 Sunshine Decanter. For Musical Novelties. Wm. F. Sprague & Co. 10,189; Sept. 6.
 That's Got It! For Tobacco. R. J. Reynolds Tobacco Company. 10,176; Sept. 6.
 The Best Seller. For Cigarettes. R. J. Reynolds Tobacco Company. 10,160; Sept. 6.
 The Story of The Fork No. 3. For Silverware. Reed & Barton. 10,156; Sept. 6.
 The Vault Without Comparison. For Vaults. Crown Vault Company. 10,149; Sept. 6.
 They Don't Come Any Better. For Tobacco. R. J. Reynolds Tobacco Company. 10,178; Sept. 6.
 They Don't Come Any Better. For Tobacco. R. J. Reynolds Tobacco Company. 10,183; Sept. 6.
 This Age of High Standards Welcomes the Camel Quality. For Cigarettes. R. J. Reynolds Tobacco Company. 10,169; Sept. 6.
 U. S. Certified Canvas Shower Curtain. For Shower-Bath Curtains. Para Rubber Company. 10,153; Sept. 6.
 Who's Got The Makin'? For Tobacco. R. J. Reynolds Tobacco Company. 10,180; Sept. 6.
 Wrap a Makin's Paper Around Some of This! For Tobacco. R. J. Reynolds Tobacco Company. 10,164; Sept. 6.
 Your Pipe Can Be a Cheer . . . Or a Chore. For Tobacco. R. J. Reynolds Tobacco Company. 10,184; Sept. 6.

ALPHABETICAL LIST OF PATENTEEES

TO WHOM

PATENTS WERE ISSUED ON THE 6TH DAY OF SEPTEMBER, 1927.

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice). Includes patents, reissues, and designs.

- Adair, Thomas W., Houston, Tex. Flexible pipe-engaging slip. 1,641,467; Sept. 6.
 Adams, Arthur H., La Grange, Ill. Playing ball and making same. 1,641,144; Sept. 6.
 Adams, John W. (See Brandes, P. H., and Adams.)
 Adams, Wilbur C. (See De Groote, M., and Adams.)
 Adriance Machine Works, Inc. (See Ross, Hugh M., assignor.)
 Agobian, George, Brooklyn, N. Y. Fruit-pressing machine. 1,641,245; Sept. 6.
 Aikens, Thomas N., Dayton, assignor of one-half to D. D. Walker, Lakewood, Ohio. Die. 1,641,366; Sept. 6.
 Alden, William H., Jr., Bryn Athyn, Pa. Mail-handling machine. 1,641,406; Sept. 6.
 Alldorff, Fritz, Berlin-Wilmersdorf, Germany, assignor of one-fourth to P. Kollsch, New York, N. Y. Automatic switching. 1,641,145; Sept. 6.
 Allen, Charles H., Pittsburgh, Pa. Printing raised figures and the like. 1,641,143; Sept. 6.
 Allis-Chalmers Manufacturing Company. (See Bond, John S., assignor.)
 Allis-Chalmers Manufacturing Company. (See Dahlstrand, Hans P., assignor.)
 Allis-Chalmers Manufacturing Company. (See Dimberg, Paul C., assignor.)
 Allis-Chalmers Manufacturing Company. (See Gross, E. and Briker, assignors.)
 Allis-Chalmers Manufacturing Company. See Newhouse, Ray C., assignor.)
 Allis-Chalmers Manufacturing Company. (See Powell, William H., assignor.)
 Allis-Chalmers Manufacturing Company. (See Schmidt, Franz, assignor.)
 Allis-Chalmers Manufacturing Company. (See Shaw, Ernest C., assignor.)
 Allis-Chalmers Manufacturing Company. (See Steen, Charles W., assignor.)
 Allis-Chalmers Manufacturing Company. (See Welmer, Hugo W., assignor.)
 Allmann Svenska Elektriska Aktiebolaget. (See Petersen, Wilhelm H., assignor.)
 American Can Company. (See Eberhart, Felix, assignor.)
 American Can Company. (See Edwards, John R., assignor.)
 American Can Company. (See Fleischer, Paul W., assignor.)
 American Dresser Tunnel Kilns, Inc. (See Meehan, Paul A., assignor.)
 American Optical Company. (See Sangren, Harry A., assignor.)
 American Optical Company. (See Tillyer, Edgar D., assignor.)
 American Optical Company. (See Wrighton, William J., assignor.)
 American Telephone and Telegraph Company. (See Bailey, Rand S., assignor.)
 American Telephone and Telegraph Company. (See Ohl, Russell S., assignor.)
 American Telephone and Telegraph Company. (See Perry, Donald B., assignor.)
 American Valve and Enameling Corporation. (See Wulf, Charles A., assignor.)
 American Window Company. (See Lewis, Claude A., assignor.)
 Anderson, Arvid E., Scotia, N. Y., assignor to General Electric Company. Automatic reclosing circuit-breaker-system. 1,641,724; Sept. 6.
 Anderson, Daniel G., Los Angeles, Calif. Extension leaf for tables. 1,641,518; Sept. 6.
 Anderson, John F., Oakland, Calif. Can exhaustor. 1,641,367; Sept. 6.
 Andre, Karl R., Lynwood, Calif. Rotary casing swage. 1,641,519; Sept. 6.
 Andren, F. A. D., Inc. (See Klein, Richard M., assignor.)
 Archer, Lincoln G. (See Knox, Orville M., assignor.)
 Arms, Ray W., assignor to Roberts and Schaefer Company. Chicago, Ill. Dry-separating apparatus. 1,641,407; Sept. 6.
 Armstrong, Lyman P., San Jose, Calif. Fastener. 1,641,835; Sept. 6.
 Armstrong, Lyman P., San Jose, Calif. Bed bottom. 1,641,836; Sept. 6.
 Armstrong, Morgan K., Winnetka, Ill., assignor, by mesne assignments, to United States Gypsum Company. Nall-penetrable wall board. 1,641,611; Sept. 6.
 Arney, Arrie B., McClue, Ohio. Electric pulsator. 1,641,368; Sept. 6.
- Arnold, Adelaide F., et al. (See Friedman, William, assignor.)
 Arnold, Dan H., et al. (See Friedman, William, assignor.)
 Arnold, F. R., & Company. (See Friedman, William, assignor.)
 Arnold, John W., et al. (See Friedman, William, assignor.)
 Arnold, Mildred C., et al. (See Friedman, William, assignor.)
 Arns, Harry M., Glendale, Ohio, assignor to H. G. Kottenbrook, Cincinnati, Ohio. Advertising device. 1,641,468; Sept. 6.
 Arntz, Svend A., assignor of one-half to H. R. A. Steffens, Mamaroneck, N. Y. Tobacco can. 1,641,565; Sept. 6.
 Atkins, Andrew A., Mineral, Va. Boiler-feed regulator. 1,641,612; Sept. 6.
 Atlas Powder Company. (See Huyett, Daniel D., assignor.)
 Aue, Carlton W., Snoqualmie Falls, Wash. Pressure-operated switch for tire meters. 1,641,796; Sept. 6.
 Austin, Edward, Schenectady, N. Y., assignor to General Electric Company. Signaling system. 1,641,725; Sept. 6.
 Automatic Electric Inc. (See Blessing, John G., assignor.)
 Automatic Electric Inc. (See Erickson, John, assignor.)
 Automatic Electric Inc. (See Ostline, John E., assignor.)
 Automatic Electric Inc. (See Lomax, Clarence E., assignor.)
 Automatic Electric Inc. (See Richardson, Rodney G., assignor.)
 Automatic Electric Inc. (See Thomas, A., and Stewart, assignors.)
 Axelsson Machine Company. (See Barnwell, Dwight H., assignor.)
 Bailey, Rand S., Montclair, N. J., assignor to American Telephone and Telegraph Company. Straightforward trunking system. 1,641,218; Sept. 6.
 Bain, John, et al. (See Geake, William H. G., assignor.)
 Bainbridge, George K., and S. W. Reynolds, Ripon, Calif. Container. 1,641,408; Sept. 6.
 Baker, Otis M. C., assignor of one-fourth to J. de Paolo, Jeannette, Pa. Septic tank. 1,641,469; Sept. 6.
 Ball, Joseph A., Los Angeles, Calif., assignor to Technicolor Motion Picture Corporation, Boston, Mass. Making composite color pictures. 1,641,566; Sept. 6.
 Balluff, Edward J., assignor of one-half to H. A. Fitzgibbons, Chicago, Ill. Automatic current-controlling mechanism or switch. 1,641,146; Sept. 6.
 Bank of America, The, et al., executors. (See Sperry, Lawrence, B.)
 Bannen, William, assignor of one-half to F. Hickstein, Milwaukee, Wis. Corrugated base for pavements. 1,641,655; Sept. 6.
 Barber-Colman Company. (See Edgar, John, assignor.)
 Barling, Walter H., Dayton, Ohio. Aircraft-motor-control system. 1,641,567; Sept. 6.
 Barnett, John S., Oakland, Calif. Planetary transmission gearing. 1,641,656; Sept. 6.
 Barnikel, Wm. S., & Company. (See De Groote, M., and Adams, assignors.)
 Barnwell, Dwight H., Taft, assignor to Axelsson Machine Company, Los Angeles, Calif. Pump. 1,641,613; Sept. 6.
 Barrett, Alfred G., and H. H. Burton, Leicester, England. Covers for application to steering-wheel handles of motor vehicles and the like. 1,641,311; Sept. 6.
 Barrett, Edward R., assignor to Wood Hydraulic Hoist and Body Company, Detroit, Mich. Gravity dumping construction. 1,641,369; Sept. 6.
 Bartlett, Frederick P. (See Bilgert, E. E., and Bartlett.)
 Bartlett Hayward Company, The. (See Fast, Gustave, assignor.)
 Barton, Francis M., Chicago, Ill. Concrete wall construction. 1,641,147; Sept. 6.
 Bassett, Harry P., Cynthia, Ky. Motor fuel. 1,641,520; Sept. 6.
 Bassford, Abraham, Millwood, N. Y. Adjustable tennis-net post. 1,641,246; Sept. 6.
 Bassler, Edwin M., Milwaukee, Wis. Radlator. 1,641,148; Sept. 6.
 Batchelder, Charles H., North Attleboro, Mass. Link bracelet. 1,641,797; Sept. 6.
 Bates, Minot H., Brockton, Mass. Shoe or analogous article. Des. 73,396; Sept. 6.
 Bates, Minot H., Brockton, Mass. Shoe or analogous article. Des. 73,397; Sept. 6.
 Bay State Optical Company. (See Chulee, Stephen J., assignor.)

Bayuk Cigars Incorporated. (See Kitchel, R. R., Lip-pard, and Mullan, assignors.)
 Bayuk Cigars Incorporated. (See Wurman, Harry P., assignor.)
 Bear, Belle. (See Bear, Theodore, assignor.)
 Bear, Theodore, assignor to Belle Bear, Chicago, Ill. Smoking set. 1,641,657; Sept. 6.
 Beaulieu, Joseph, Lynbrook, N. Y. Automatic damper. 1,641,875; Sept. 6.
 Beck, Albert, assignor to McGill Metal Products Com-pany, Chicago, Ill. Hand punch. 1,641,521; Sept. 6.
 Beckord, Frederick, White House, N. J. Scraper. 1,641,522; Sept. 6.
 Bell, Alvin L., Dallas, Tex. Grille frame. 1,641,523; Sept. 6.
 Bell, John E., Brooklyn, N. Y., assignor to Combustion Engineering Corporation. Grinding and drying ap- paratus. 1,641,409; Sept. 6.
 Bell, John E., Brooklyn, assignor to Combustion Engi- neering Corporation, New York, N. Y. Pulverized-coal System. 1,641,470; Sept. 6.
 Bell, John E., deceased, by L. R. Bell, executrix, Brook- lyn, and E. W. Isom, Locust Valley, assignors to Sin- clair Refining Company, New York, N. Y. Apparatus for cracking hydrocarbons. 1,641,941; Sept. 6.
 Bell, Lola R., executrix. (See Bell, J. E., and Isom.)
 Bell Telephone Laboratories, Incorporated. (See Muel- ler, Emil C., Jr., assignor.)
 Bell Telephone Laboratories, Incorporated. (See O'Neill, Henry W., assignor.)
 Belz, Hugo A. A. (See Boege, O. C., and Belz.)
 Bendix Brake Company. (See La Brie, Ludger E., as- signor.)
 Benenavi, Nicholas, New York, N. Y. Steam pressing apparatus. 1,641,576; Sept. 6.
 Bennett, William H., Carvin, Okla. Vehicle body. 1,641,877; Sept. 6.
 Berg, Hans, Grand Rapids, Mich., assignor to The Bruns- wick-Balke-Collender Company, Chicago, Ill. Game table. Des. 73,398; Sept. 6.
 Berger, Knute, Seattle, Wash. Reversing gear. 1,641,614; Sept. 6.
 Berglund, Herman, Brooklyn, N. Y., assignor to General Electric Company. Paper-break detector switch. 1,641,658; Sept. 6.
 Bergman, Kuntze W., et al. (See Rudberg, Emil, as- signor.)
 Berk, Richard, Sommerda, assignor to the Firm Rheinische Metallwaren und Maschinenfabrik, Dusseldorf-Deren- dorf, Germany. Calculating machine. 1,641,615; Sept. 6.
 Berkdoll, Charles E., assignor, by mesne assignments, to Delco-Remy Corporation, Dayton, Ohio. Timer-dis- tributor mechanism for internal-combustion engines. 1,641,370; Sept. 6.
 Bernert, George, Milwaukee, Wis. Pneumatic material conveyor. 1,641,149; Sept. 6.
 Berry, J. H. (See Davis, Miriam L., assignor.)
 Bertone, Eugene, Stevenson, Md. Tube cleaner. 1,641,312; Sept. 6.
 Bessee, Frank E. (See McDonald, W. H., and Bessee.)
 Biehl, Bernard, sr. (See Sommer, J. L., and Biehl.)
 Bilgari, Eric E., and P. P. Bartlett, Chicago, Ill. Bat- tery connector. 1,641,837; Sept. 6.
 Binzay, Robert V., Pittsburgh, Pa., assignor to Pitts- burgh Transformer Company. Transformer cooler. 1,641,247; Sept. 6.
 Blagay, Robert V., Pittsburgh, Pa., assignor to Pitts- burgh Transformer Company. Transformer tank. 1,641,248; Sept. 6.
 Birdsall, Charles G., Elmhurst, assignor, by mesne as- signments, to National Carbon Company, Inc., New York, N. Y. Dry cell. 1,641,524; Sept. 6.
 Blair, James C., assignor to The Libbey-Owens Sheet Glass Company, Toledo, Ohio. Method and apparatus for forming sheet glass. 1,641,948; Sept. 6.
 Blessing, John G., assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill. Impulse-trans- mitting device. 1,641,616; Sept. 6.
 Blessing, John G., assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill. Impulse-trans- mitting device. 1,641,617; Sept. 6.
 Bliss, Isabelle, Ocean Beach, Calif. Appliance for re- moving facial defects. 1,641,471; Sept. 6.
 Blomberg, Otto, Chicago, Ill. Valve-spring lifter. 1,641,618; Sept. 6.
 Blumenfeld, Louis. (See Post, L. B., Lyon, and Blumen- field.)
 Blumenthal, Benjamin, Youngstown, Ohio. Drawer con- struction for chairs or similar articles of furniture. 1,641,249; Sept. 6.
 Boano, Peter, San Francisco, Calif. Chafing shield. 1,641,568; Sept. 6.
 Bocchino, Ernest, Newark, N. J. Safety device for fire escapes. 1,641,798; Sept. 6.
 Bodine Electric Company. (See Stechbart, Bruno, as- signor.)
 Boege, Otto C., and H. A. A. Belz, New York, N. Y. Loud speaker. 1,641,569; Sept. 6.
 Boessow, Walter, Berlin-Lankwitz, Germany. Hockey game. 1,641,525; Sept. 6.
 Bogin, Charles. (See Brown, B. K., and Bogin.)
 Bohan, Patrick J. (See Browning, G., and Bohan.)
 Bolliot, Henry F., Marshall, Mo. Advertising sign. 1,641,914; Sept. 6.
 Bolind, John L., Wilmore, Pa. Hydraulic ram. 1,641,878; Sept. 6.
 Bolens, Harry W., et al. (See Strite, George T., as- signor.)
 Bolton, Sidney B. (See Bridgeford, A. G., and Bolton.)
 Bonaparte, Swan G., St. Paul, Minn. Bake oven. 1,641,313; Sept. 6.
 Bond, John S., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Crusher and constructing the same. 1,641,726; Sept. 6.
 Bonesteel, Willard E., Troy, N. Y. Milk-bottle-crate at- tachment. 1,641,526; Sept. 6.
 Bosworth, George P., assignor to Hemphill Company, Central Falls, R. I. Knitted glove and making the same. 1,641,570; Sept. 6.
 Bouwers, Albert, assignor to N. V. Phillips' Gloeilampen- fabriek, Eindhoven, Netherlands. X-ray tube and in- stallation for operating the said tube. 1,641,410; Sept. 6.
 Bowman, Francis H. (See Price, D. R., and Bowman.)
 Boynton, Alexander, San Antonio, Tex. Device for ce- menting wells. 1,641,915; Sept. 6.
 Bradford, James R., San Francisco, Calif. Motion-pic- ture machine. 1,641,727; Sept. 6.
 Bradley, Cecil P., Napoleon, Ohio. Switch mechanism. 1,641,219; Sept. 6.
 Bradley, Harry L., Milwaukee, Wis. Variable condenser. 1,641,314; Sept. 6.
 Brady, Gordon G., Arkansas City, Kans. Pipe saddle. 1,641,879; Sept. 6.
 Brand, Frederick F., Pittsfield, Mass., assignor to General Electric Company. Auto transformer. 1,641,659; Sept. 6.
 Brandes, Paul H., and J. W. Adams, assignors to The Springfield Mfg. Co., Bridgeport, Conn. Sectional grind- ing wheel. 1,641,799; Sept. 6.
 Breer, Carl, Detroit, Mich. Internal-combustion-engine manifold. 1,641,619; Sept. 6.
 Breese, James L., Jr., Chicago, Ill. Oil pilot light. 1,641,250; Sept. 6.
 Brewer, Robert W. A., Philadelphia, Pa. Fuel manifold. 1,641,527; Sept. 6.
 Brewster, Morris B., Chicago, Ill. Quickly-detachable sealing coupling. 1,641,528; Sept. 6.
 Bridgeford, Archie G., and S. B. Bolton, Alledo, Ill.; said S. B. Bolton assignor to said A. G. Bridgeford. Mani- fold heater for internal-combustion engines. 1,641,728; Sept. 6.
 Briggs, Frank C., trustee. (See Randall, Purdy M., as- signor.)
 Brinker, Edward J. (See Gross, E., and Brinker.)
 Brinker, Jesse E., assignor to Standard Oil Company, Whiting, Ind. Ornamented candle, and making same. 1,641,729; Sept. 6.
 Bristol, Edgar H., assignor to The Foxboro Company, Foxboro, Mass. Controlling instrument. 1,641,944; Sept. 6.
 Brogan, Charles J. (See Cain, L. H., and Brogan.)
 Brogan, John H. (See Cain, L. H., and Brogan.)
 Brown, Bruce K., and C. Bogin, assignors to Commercial Solvents Corporation, Terre Haute, Ind. Pyroxylin lacquer composition. 1,641,529; Sept. 6.
 Brown, Donald, Newcastle-upon-Tyne, England. Spring suspension for vehicles. 1,641,472; Sept. 6.
 Brown, Elmer E., Kansas City, Mo., and M. C. Dixon, Kansas City, Kans. Septic tank. 1,641,800; Sept. 6.
 Brown, Horace P., Oakland, Calif., assignor to Pacific Burt Company, Limited, Toronto, Ontario, Canada. Continuous interfold packet. 1,641,620; Sept. 6.
 Brown, Thomas N., assignor to Utensils Company, Fort Wayne, Ind. Ironing machine. 1,641,315; Sept. 6.
 Browning, George, and P. J. Bohan, San Diego, Calif. Wrench. 1,641,730; Sept. 6.
 Browning, George, assignor of one-half to A. Richards, San Diego, Calif. Spark plug cleaning apparatus. 1,641,731; Sept. 6.
 Brubaker, William A., Akron, Ohio. Cushion tire. 1,641,150; Sept. 6.
 Bruce, Alfred W., New York, N. Y. Locomotive rear frame. 1,641,151; Sept. 6.
 Bruckel, Waldemar, Treptow, Berlin, Germany, assignor to General Electric Company. Electric regulating system. 1,641,732; Sept. 6.
 Brumberg, Zelton D., Ironton, Ohio. Display device. Des. 73,399; Sept. 6.
 Brunswick-Balke-Collender Company. (See Berg, Hans, assignor.)
 Brunn, Otto, Frederiksberg near Copenhagen, Denmark. Milking cup. 1,641,316; Sept. 6.
 Bryant, Ellsworth S., Detroit, Mich. Condenser. 1,641,660; Sept. 6.
 Buckeye Steel Castings Company, The. (See Whitridge, John C., assignor.)
 Bullock, David M., Champaign, Ill. Football pants. 1,641,733; Sept. 6.
 Burghard, E. G. (See Fourness, Wilfred, assignor.)
 Burkhardt, Henry J., Mount Ephraim, N. J., assignor to J. E. Lomorgan Company, Philadelphia, Pa. Pressure gauge. 1,641,838; Sept. 6.
 Burleigh, Rufus B., Tarpon Springs, Fla. Tool for remov- ing jar caps. 1,641,152; Sept. 6.
 Burns, Eugene O., Reno, Nev. Device for punching and plugging cans. 1,641,571; Sept. 6.
 Burton, Hubert H. (See Barrett, A. G., and Burton.)

Burton, Thomas L., New York, N. Y. Mount for brake beam safety bars. 1,641,621; Sept. 6.
 Burwell, Jay S., Sharon, Pa. Shock absorber. 1,641,572; Sept. 6.
 Butt, Herbert G., Winthrop, Mass. Pipe wrench. 1,641,153; Sept. 6.
 Cadwell, Sidney M., Leonia, N. J., assignor to The Nauga- tuck Chemical Company, Naugatuck, Conn. Treating latex and products obtained thereby. 1,641,573; Sept. 6.
 Cain, Loyd H., J. H. Brogan and C. J. Brogan, Tyler, Tex. Tank-hose coupling. 1,641,839; Sept. 6.
 Cameron, Alexander W. (See Grant, K. A., Halliday and Cameron.)
 Campbell, Clarence E. (See Gemmer, G. A., and Camp- bell.)
 Campus, Cesare C., Santa Monica, Calif. Fluid-transfer device. 1,641,942; Sept. 6.
 Canavella, Robert R., Brooklyn, N. Y. Container. 1,641,317; Sept. 6.
 Carborundum Company, The. (See Tone, Frank J., as- signor.)
 Carey, Max G., Pittsburgh, Pa. Sliding pad. 1,641,818; Sept. 6.
 Carlson, Carl O., Riverside, Calif. Loading apparatus for shovel-nose hand trucks. 1,641,371; Sept. 6.
 Carr Fastener Company. (See Carr, Moses F., assignor.)
 Carr Fastener Company. (See Pierce, Walter H., as- signor.)
 Carr, Moses F., Lexington, assignor to Carr Fastener Com- pany, Cambridge, Mass. Fastener. 1,641,916; Sept. 6.
 Carr, Moses F., Lexington, assignor to Carr Fastener Com- pany, Cambridge, Mass. Fastener. 1,641,917; Sept. 6.
 Carroll, Stewart J., assignor to Eastman Kodak Company, Rochester, N. Y. Cellulose acetate composition. 1,641,411; Sept. 6.
 Carroll, Stewart J., assignor to Eastman Kodak Com- pany, Rochester, N. Y. Cellulose acetate composition. 1,641,412; Sept. 6.
 Carroll, Stewart J., assignor to Eastman Kodak Com- pany, Rochester, N. Y. Cellulose acetate composition of low inflammability. 1,641,413; Sept. 6.
 Carson, Roy K., assignor to W. J. Carson, Detroit, Mich. Plate-printing machine. 1,641,622; Sept. 6.
 Carson, William J. (See Carson, Roy K., assignor.)
 Carter, William A., Milwaukee, Wis. Composition build- ing siding. 1,641,623; Sept. 6.
 Case, Arthur F., assignor to The Wellman-Seaver-Morgan Company, Cleveland, Ohio. Safety stop for traveling structures. 1,641,734; Sept. 6.
 Casement Hardware Co. (See Spencer, C. E., and Roberts, assignors.)
 Casselman, Elbridge J., Pittsburgh, N. Griffith and C. E. Johnson, Jeannette, assignors to Window Glass Ma- chine Company, Pittsburgh, Pa. Apparatus for flat- tening sheet glass. 1,641,918; Sept. 6.
 Celite Company, The. (See Wig, Rudolph J., assignor.)
 Central Alloy Steel Corporation. (See Farnsworth, Wal- ter M., assignor.)
 Chamberlain, Paul A., assignor to Mohawk Corporation, Illinois, Chicago, Ill. Radiotube socket. 1,641,530; Sept. 6.
 Chatillon, John, & Sons. (See Rockefeller, John W., Jr., assignor.)
 Chavez, Felipe, Los Angeles, Calif. Car speed boat. 1,641,574; Sept. 6.
 Cheeseman, Lewis, Fellsme, Fla. Insecticide duster. 1,641,735; Sept. 6.
 Chicago Electric Manufacturing Co. (See Gough, James J., assignor.)
 Child, Reinald O. (See Lutyens, L. C., and Child.)
 Childs, Kenneth L., assignor to The Fabric Body Cor- poration, Detroit, Mich. Automobile body construc- tion. 1,641,319; Sept. 6.
 Chilingirian, Harry, Bridgeport, Conn. Safety cooking and heating device. 1,641,624; Sept. 6.
 Chilson, Lewis S., assignor to J. M. Fisher Company, Attleboro, Mass. Extension device for bracelets. 1,641,372; Sept. 6.
 Christensen Machine Co. (See Greene, Frederick J., as- signor.)
 Christensen, Niels A., Milwaukee, Wis. Air-brake cou- pling. 1,641,919; Sept. 6.
 Christensen, Niels C., Salt Lake City, Utah. Apparatus for filtration. 1,641,736; Sept. 6.
 Chryst, William A., assignor, by mesne assignments, to Delco-Remy Corporation, Dayton, Ohio. Engine-start- ing mechanism. 1,641,373; Sept. 6.
 Chryst, William A., assignor by mesne assignments, to Delco-Remy Corporation, Dayton, Ohio. Induction coil. 1,641,374; Sept. 6.
 Chylinski, Stanislas Z., assignor to Western Electric Com- pany, Incorporated, New York, N. Y. Induction coil. 1,641,473; Sept. 6.
 Cior, John, Providence, R. I. Ring. 1,641,575; Sept. 6.
 Clark, Albert B., Boston, Mass. Speed-change gear. 1,641,576; Sept. 6.
 Clark, Henry F., Belle Vernon, assignor to Window Glass Machine Company, Pittsburgh, Pa. Sheet-glass ap- paratus. 1,641,920; Sept. 6.
 Clark, J. R. Co., The. (See Kalgren, John E., assignor.)
 Clarke, Edith, Schenectady, N. Y., assignor to General Electric Company. Electrical power transmission. 1,641,737; Sept. 6.
 Clarke, Joseph P., San Francisco, Calif. Actuating device for door and window transoms. 1,641,738; Sept. 6.
 Clausing, George, assignor to The Vulcan Last Company, Portsmouth, Ohio. Last. 1,641,154; Sept. 6.
 Clausing, George, assignor to The Vulcan Last Company, Portsmouth, Ohio. Golf tee. 1,641,155; Sept. 6.
 Clements, Everett G. (See Rothschild, L., and Clements.)
 Cleveland Tractor Company, The. (See Heaslet, James E., assignor.)
 Clulce, Stephen J., assignor to Bay State Optical Com- pany, Attleboro, Mass. Eyeglass construction. 1,641,156; Sept. 6.
 Coffin, Austin E., Green Bay, Wis. Method of and ap- paratus for creping paper. 1,641,739; Sept. 6.
 Cohen, George, New York, N. Y. Hand lantern. 1,641,880; Sept. 6.
 Cohen, Louis. (See Squier, G. O., Mauborgne, and Cohen.)
 Coleman, Allan J., Chicago, Ill. Breaking head for pipe and sewer rods. 1,641,320; Sept. 6.
 Colley, George F., assignor to H. H. Weedon, Richmond, Va. Radius and steering rod socket. 1,641,474; Sept. 6.
 Colman, Howard D., Rockford, assignor to E. S. Nether- cut, Evanston, Ill. Yarn-mass support. 1,641,661; Sept. 6.
 Combustion Engineering Corporation. (See Bell, John E., assignor.)
 Commercial Solvents Corporation. (See Brown, B. K., and Bogin, assignors.)
 Compact Coffee Corporation. (See McColl, Francis P., as- signor.)
 Comstock, Chester T. (See Grauer, Allan H., assignor.)
 Comstock, Daniel F., assignor to Technicolor Motion Pic- ture Corporation, Boston, Mass. Cinematography. 1,641,220; Sept. 6.
 Connely, Rush W., assignor to Dravo Equipment Com- pany, Pittsburgh, Pa. Joint for structural towers. 1,641,801; Sept. 6.
 Connolly, Frank M. (See Lass, Frederic J., assignor.)
 Cook, Everett J., assignor to The Dura Company, Toledo, Ohio. Weather strip for sliding closures. 1,641,157; Sept. 6.
 Coppock, Maurice J. (See Coppock, Paul W., assignor.)
 Coppock, Paul W., South Euclid, assignor to M. J. Cop- pock, Perry, Ohio. Oil stove. 1,641,475; Sept. 6.
 Corcoran, William E., South Plainfield, N. J. Device for supporting containers. 1,641,531; Sept. 6.
 Corley, Hugh R., Lexington, S. C. Liquid-dispensing ap- paratus. 1,641,577; Sept. 6.
 Cory, Chas., & Son, Incorporated. (See Wood, Frank W., assignor.)
 Couch, Buel, Sioux City, Iowa. Loose-leaf binder. 1,641,662; Sept. 6.
 Cowperthwait, George L., Clarks Summit, Pa. Locking bar and plate for railway-switch points. 1,641,578; Sept. 6.
 Critchfield, Robert M., Anderson, Ind., assignor to Delco- Remy Corporation, Dayton, Ohio. Manufacturing Com- mutators. 1,641,414; Sept. 6.
 Cronin, Timothy P., St. Louis, Mo. Water heater. 1,641,532; Sept. 6.
 Crowell, Erd V., Los Angeles, Calif., assignor of one-half to The Gulberson Corporation, Dallas, Tex. Combined casing head, oil saver, and tubing lander. 1,641,921; Sept. 6.
 Crown Cork and Seal Company of Baltimore City, The. (See Gochel, G., and Derby, assignors.)
 Crown Cork & Seal Company of Baltimore City, The. (See Warth, Albin H., assignor.)
 Cubley, James R., Empire City, Okla. Rotary drill bit. 1,641,321; Sept. 6.
 Curtis, Austen M., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Vibrating device. 1,641,251; Sept. 6.
 Cuyahoga Spring Company, The. (See Hoffman, John A., assignor.)
 Czapek, Emil, and R. Weingand, Bomlitz, near Walsrode, Germany. Production of film-like bands from cellulose solutions and similar initial materials. 1,641,322; Sept. 6.
 Dahlstrand, Hans P., Wauwatosa, assignor to Allis- Chalmers Manufacturing Company, Milwaukee, Wis. Manipulative appliance. 1,641,415; Sept. 6.
 Dahlstrand, Hans P., Wauwatosa, assignor to Allis-Chal- mers Manufacturing Company, Milwaukee, Wis. Cou- pling. 1,641,740; Sept. 6.
 Dalley, Theodore W., Cleveland, Ohio. Boiler tube or flue cleaning implement. 1,641,375; Sept. 6.
 Dalton, Charles J., New York, N. Y. Vehicle wheel. 1,641,663; Sept. 6.
 Dany, Philo H. (See Johnston, E. A., and Dany.)
 Dany, Philo H., assignor to International Harvester Company, Chicago, Ill. Tractor. 1,641,802; Sept. 6.
 Dany, Philo H., assignor to International Harvester Com- pany, Chicago, Ill. Tractor. 1,641,803; Sept. 6.
 Darr, Earl A., et al., executors. (See Kraft, Henry P., deceased.)
 Darrasse, Etienne. (See Darrasse, Léon and E., and Du- pont.)
 Darrasse, Léon and E., Paris, and L. Dupont, Vincennes, France. Manufacture of synthetic camphor by means of a liquid catalyst. 1,641,579; Sept. 6.
 Davis, Bernard H., Fullerton, Calif. Pitman end. 1,641,533; Sept. 6.
 Davis, Cleo F. (See Davis, Herbert A. and C. F.)

Davis, George H., Newark, N. J. Molding press. 1,641,922; Sept. 6.
 Davis, George H., Newark, N. J. Molding apparatus and method. 1,641,923; Sept. 6.
 Davis, Herbert A. and C. F., Torrance, Calif. Cement plug. 1,641,741; Sept. 6.
 Davis, Miriam L., assignor of nine-twentieth to J. H. Berry, Portland, Oreg. Sandal. 1,641,625; Sept. 6.
 Davis, Thomas E., Arlington, Mass. Liquid dispensing faucet. 1,641,534; Sept. 6.
 Dawson, Cecil F., assignor to Individual Drinking Cup Company, Inc., Easton, Pa. Method and apparatus for securing closure caps to paper receptacles. 1,641,742; Sept. 6.
 Dawson, Cecil F., assignor to Individual Drinking Cup Company, Inc., Easton, Pa. Apparatus for securing closure caps to paper receptacles. 1,641,743; Sept. 6.
 Dayton-Wright Company. (See Geyer, Harvey D., assignor.)
 Decker, George E., Los Angeles, Calif. Flow meter. 1,641,744; Sept. 6.
 Deere & Company. (See Paul, William L., assignor.)
 Deere & Company. (See Strandlund, Carl G., assignor.)
 De Forest, Lee, New York, N. Y., assignor, by mesne assignments, to De Forest Phonofilm Corporation, Jersey City, N. J. Electrical sound-reproducing apparatus. 1,641,664; Sept. 6.
 De Forest Phonofilm Corporation. (See de Forest, Lee, assignor.)
 De Forest Radio Company. (See Elenschneider, John B., assignor.)
 De Groote, Melvin, St. Louis, and W. C. Adams, University City, assignors to Wm. S. Barnickel & Company, Webster Groves, Mo. Breaking petroleum emulsions. 1,641,804; Sept. 6.
 De Haven, Avery S. (See Fremon, J. A. and De Haven.)
 De Lala, Verna, Wymore, Nebr. Locking device for spouts. 1,641,881; Sept. 6.
 Delco-Remy Corporation. (See Berkdoll, Charles E., assignor.)
 Delco-Remy Corporation. (See Chryst, William A., assignor.)
 Delco-Remy Corporation. (See Critchfield, Robert M., assignor.)
 Delco-Remy Corporation. (See Elsey, George W., assignor.)
 Delco-Remy Corporation. (See Godfrey, Edward R., assignor.)
 Delco-Remy Corporation. (See Hardman, Frederick J., assignor.)
 Delco-Remy Corporation. (See Hunt, John H., assignor.)
 Delco-Remy Corporation. (See Kroeger, Frederick C., assignor.)
 Delco-Remy Corporation. (See Kroeger, F. C., and Norviel, assignors.)
 Delco-Remy Corporation. (See Norviel, Harry E., assignor.)
 Delco-Remy Corporation. (See Whalen, James, assignor.)
 Delco-Remy Corporation. (See Wilson, Charles E., assignor.)
 Denison, Charles P., Mazzeppa, Minn. Road grader. 1,641,550; Sept. 6.
 De Noronha, Joaquin, Dusseldorf, Germany. Overshoe. 1,641,535; Sept. 6.
 De Paolo, Joseph. (See Baker, Otis M. C., assignor.)
 Derby, William V. (See Goebel, G., and Derby.)
 Deubener, Walter H. (See Sandlin, David A., assignor.)
 Devand, Albert J., Schenectady, N. Y., assignor to General Electric Company. Turbine nozzle diaphragm. 1,641,665; Sept. 6.
 Devrigan, Stephen. (See Yessalau, Alexander, assignor.)
 D'Humy, Bernard E., Englewood, N. J. Airship. 1,641,923; Sept. 6.
 D'Humy, Bernard T., Englewood, N. J. Airship. 1,641,924; Sept. 6.
 Diamond Match Company, The. (See Linebaugh, Edward R., assignor.)
 Diamond Match Company, The. (See Paridon, Michael, assignor.)
 Diamond Match Company, The. (See Wright, Charles F., assignor.)
 Dickey, Alexander, Honeyville, Utah. End wrench. 1,641,252; Sept. 6.
 Dickinson, Albert, Company, The. (See Stump, Daniel M., assignor.)
 Dictaphone Corporation. (See Roberts, Theodore C., assignor.)
 Dietrich, Harry W. (See Martin, E. E., and Dietrich.)
 Dimberg, Paul C., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Uniting blades. 1,641,745; Sept. 6.
 Disbrow, Clarkson A., New Rochelle, assignor to The Rail Joint Company, New York, N. Y. Flexible rail joint. 1,641,416; Sept. 6.
 Dixon, Mark C. (See Brown, E. E., and Dixon.)
 Dodge Brothers, Inc. (See Walter, Robert C., assignor.)
 Donald, Forrest V., assignor to Gilson Manufacturing Company, Port Washington, Wis. Tractor cultivator combination. 1,641,158; Sept. 6.
 Donaldson, Frank A., Minneapolis, Minn. Air cleaner. 1,641,746; Sept. 6.
 Donon, Pierre, Paris, France. Transmission device for vehicles provided with two motors. 1,641,253; Sept. 6.

Doud, Louie N., Norwalk, Ohio. Traveling bag. 1,641,747; Sept. 6.
 Dougherty, Luke B. (See Johnson, John W., assignor.)
 Dravo Equipment Company. (See Connely, Bush W., assignor.)
 Dresser, Clarence G., St. Francis, Mo., and F. S. Youtsey, Collinsville, Ill. Sampling apparatus and system. 1,641,748; Sept. 6.
 Drucker, Julius. (See Lueg, P., Drucker, and Thiene-mann.)
 Dubilier Condenser Corporation. (See Warren, Joseph A., assignor.)
 Duffing, George, Hamburg, Germany. Lubricating device for axle bearings. 1,641,417; Sept. 6.
 Dunbar, Calvin D., Buckeye, Tex. Lamp extinguisher. 1,641,254; Sept. 6.
 Dunn, William L. (See Mauney, W. C., and Dunn.)
 Dupont, Lucien. (See Darrasse, Leon and E., and Dupont.)
 Dura Company, The. (See Cook, Everett J., assignor.)
 Dura Company, The. (See Graft, George, assignor.)
 Dura Company, The. (See Nicholson, Stanley W., assignor.)
 Durant, Paul D., et al. (See Strite, George T., assignor.)
 Duro Company, The. (See Elsenhauer, Charles P., assignor.)
 Eastern Manufacturing Company. (See Ladd, F. C., and Neal, assignors.)
 Eastman Kodak Company. (See Carroll, Stewart J., assignor.)
 Eastman Kodak Company. (See Folmer, William F., assignor.)
 Eastman Kodak Company. (See Jones, John G., assignor.)
 Eastman Kodak Company. (See Sulzer, Albert F., assignor.)
 Eastman Kodak Company. (See Van Derhoef, Henry E., assignor.)
 Eastman Kodak Company. (See Wittel, Otto, assignor.)
 Eberhart, Felix, Arlington, N. J., assignor to American Can Company, New York, N. Y. Decorated box. Des. 73,400; Sept. 6.
 Edelmann, E. & Co. (See Edelmann, Leo, assignor.)
 Edelmann, Leo, assignor to E. Edelmann & Co., Chicago, Ill. Hydrometer suction bulb or the like. Des. 73,401; Sept. 6.
 Edgar, John, assignor to Barber-Colman Company, Rockford, Ill. Gear-roughening machine. 1,641,666; Sept. 6.
 Edgerton, Israel V., assignor to Palace Poultry Car Company, Chicago, Ill. Sleeping berth for poultry cars. 1,641,376; Sept. 6.
 Edwards, John H., Vancouver, British Columbia, Canada, assignor to American Can Company, New York, N. Y. Can-cover-counting machine. 1,641,476; Sept. 6.
 Egan, James, Chicago, Ill. Oil burner. 1,641,581; Sept. 6.
 Eggleston Drilling Corporation. (See Smith, Eggleston, assignor.)
 Eisenberg, Abraham J., Chicago, Ill. Sanitary shaving cup. 1,641,805; Sept. 6.
 Elsenhauer, Charles P., assignor to The Duro Company, Dayton, Ohio. Bearing. 1,641,377; Sept. 6.
 Eisenstein, Bernard H., New York, N. Y. Artificial denture. 1,641,626; Sept. 6.
 Eklund, Alexander, Attleboro, Mass., assignor to General Chain Company, Providence, R. I. Strap hook. 1,641,255; Sept. 6.
 Elenschneider, John B., Brooklyn, N. Y., assignor to De Forest Radio Company, Jersey City, N. J. Sound reproducing device construction. 1,641,667; Sept. 6.
 Ellis, John W. (See Lloyd, H. R., and Ellis.)
 Ellis, George W., Anderson, Ind., assignor, by mesne assignments, to Delco-Remy Corporation, Dayton, Ohio. Engine-starting apparatus. 1,641,415; Sept. 6.
 Elsey, George W., Anderson, Ind., assignor, by mesne assignments, to Delco-Remy Corporation, Dayton, Ohio. Engine-starting apparatus. 1,641,419; Sept. 6.
 Enders, Jacob M., Schenectady, N. Y., assignor to General Electric Company. Variable condenser. 1,641,749; Sept. 6.
 Enyart, Ralph C., assignor to The P. H. & F. M. Roots Company, Connersville, Ind. Fluid meter. 1,641,840; Sept. 6.
 Erickson, John, assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill. Electromagnetic relay. 1,641,256; Sept. 6.
 Erickson, Joseph. (See Walker, William M., assignor.)
 Ericson, Carl H., Boston, Mass. Coupling for wires, etc. 1,641,627; Sept. 6.
 Esser, Peter, Clifton, N. J., assignor to Louis Marx & Company, Inc., New York, N. Y. Gymnastic toy. 1,641,477; Sept. 6.
 Eyer, Charles H., West New York, N. J. Oil pressure feeding device. 1,641,221; Sept. 6.
 Fabric Body Corporation. (See Childs, Kenneth L., assignor.)
 Fairless, Oscar, Blackfoot, Idaho. Automobile safety signal. 1,641,225; Sept. 6.
 Fall, Charles, and F. Paul, Essexville, Mich. Latch lifter for freight car couplers. 1,641,924; Sept. 6.
 Farmer, John P., Indianapolis, Ind. Combination motor-vehicle lamp. 1,641,750; Sept. 6.
 Farnsworth, Walter M., Canton, assignor to Central Alloy Steel Corporation, Massillon, Ohio. Remelting chromium steel scrap. 1,641,326; Sept. 6.

Farrand, Clair L., Forest Hills, N. Y., and E. Ross, East Orange, N. J., said Ross assignor to Farrand Mfg. Co. Inc., Long Island City, N. Y. Apparatus for making conical diaphragms. 1,641,327; Sept. 6.
 Farrand Mfg. Co. Inc. (See Farrand, C. L., and Ross, assignors.)
 Farwell, Claude C., Groton, Mass. Shuttle-throwing device. 1,641,882; Sept. 6.
 Fast, Gustave, Annapolis, assignor to The Bartlett Hayward Company, Baltimore, Md. Flexible shaft coupling for relatively adjustable shafts. 1,641,668; Sept. 6.
 Fast, Gustave, Annapolis, Md., assignor to The Bartlett Hayward Company, Baltimore, Md. Flexible shaft coupling. 1,641,669; Sept. 6.
 Fay, Joseph W., Villa Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for handling and severing articles. 1,641,257; Sept. 6.
 Federal Motor Truck Company. (See Ingersoll, George B., assignor.)
 Federal Telegraph Company. (See Kolster, Frederick A., assignor.)
 Ferdinand, Jules, Paris, France. Dosing flask. 1,641,328; Sept. 6.
 Fernandez, John M., New York, N. Y. Napkin holder. 1,641,841; Sept. 6.
 Fernandez, John M., New York, N. Y. Ticket-dispensing apparatus. 1,641,884; Sept. 6.
 Ferngren, Enoch T., assignor to The Libbey-Owens Sheet Glass Company, Toledo, Ohio. Producing pressed sheet glass. 1,641,806; Sept. 6.
 Ferngren, Enoch T., assignor to The Libbey-Owens Sheet Glass Company, Toledo, Ohio. Process and apparatus for drawing sheet glass. 1,641,883; Sept. 6.
 Feybusch, Martin, New York, N. Y., and F. W. Fleischer, Weehawken, N. J., assignors to New Jersey Machine Corporation, Hoboken, N. J. Clutch tripping mechanism. 1,641,258; Sept. 6.
 Finley, Dozier, Berkeley, assignor to The Paraffin Companies, Inc., San Francisco, Calif. Treating paper. 1,641,478; Sept. 6.
 Finley, Dozier, Berkeley, assignor to The Paraffin Companies, Inc., San Francisco, Calif. Treating paper board. 1,641,479; Sept. 6.
 Fisher, Charles T., assignor to E. N. Rowell Co., Inc., Batavia, N. Y. Cabinet. 1,641,259; Sept. 6.
 Fisher Engineering Corporation. (See Fisher, Thomas, assignor.)
 Fisher, J. M., Company. (See Chilson, Lewis S., assignor.)
 Fisher, Sol, Cleveland, Ohio. Hair waving. 1,641,751; Sept. 6.
 Fisher, Thomas, Philadelphia, Pa., assignor to Fisher Engineering Corporation, Baltimore, Md. Apparatus for separating liquids of different specific gravity. 1,641,843; Sept. 6.
 Fisher, Winfield S., Elmhurst, Ill. Tooth-canal-filling compound. 1,641,844; Sept. 6.
 Fitzgibbons, Gerald A., St. Louis, Mo. Medal. Des. 73,402; Sept. 6.
 Fitzgibbons, Harry A. (See Balluff, Edward J., assignor.)
 Fitzpatrick, Thomas L., Massena, N. Y. Speed-reducing gear. 1,641,845; Sept. 6.
 Fitzsimmons, John T. (See Hunt, J. H., and Fitzsimmons.)
 Fitzsimmons, John T., and H. Wallace, assignors to General Motors Research Corporation, Dayton, Ohio. Ignition system. 1,641,378; Sept. 6.
 Fleischer, Paul W. (See Feybusch, M., and Fleischer.)
 Fleischer, Paul W., Weehawken Heights, N. J., assignor to American Can Company, New York, N. Y. Suction toppler. 1,641,480; Sept. 6.
 Fletcher, Earl W., Cuero, Tex. Insulating means for storage-battery plates and separators. 1,641,842; Sept. 6.
 Fletcher, Harold W., assignor to Hughes Tool Company, Houston, Tex. Pipe wrench. 1,641,260; Sept. 6.
 Fletcher, Harold W., assignor to Hughes Tool Company, Houston, Tex. Combined washer and shield for drills. 1,641,261; Sept. 6.
 Flinterman, Rudolph F., Detroit, Mich., assignor, by mesne assignments, to General Electric Company. Oxidation-resisting material. 1,641,752; Sept. 6.
 Foley, George A., Lowell, Mass., assignor, by mesne assignments, to Winchester Repeating Arms Company, New Haven, Conn. Machine for making tubes and similar articles. 1,641,222; Sept. 6.
 Foley, William T., Cincinnati, Ohio. Storage-battery separator. 1,641,379; Sept. 6.
 Folmer, William F., assignor to Eastman Kodak Company, Rochester, N. Y. Cut-film holder. 1,641,420; Sept. 6.
 Fontaine, Robert A., and T. H. Self, assignors of one-half to said Self and one-half to H. A. Richardson, Martinsville, Va. Potato-chip cooker. 1,641,262; Sept. 6.
 Foster, Harry C., assignor to Indiana Lamp Corporation, Connersville, Ind. Lamp socket. 1,641,159; Sept. 6.
 Fosterla Glass Company. (See Magee, William H., assignor.)
 Fourness, Wilfred, Pasadena, Calif., assignor to E. G. Burghard, Glendale, Calif. Automatic valve control. 1,641,628; Sept. 6.

Foxboro Company, The. (See Bristol, Edgar H., assignor.)
 Fransom, Axel J., et al. (See Rudberg, Emil, assignor.)
 Fredrick, Joseph P., assignor of one-half to A. J. Lurie, Chicago, Ill. Garage-door operating and supporting mechanism. 1,641,160; Sept. 6.
 Fremon, Jules A., and A. S. De Haven, Leeper, Mo., assignors to W. A. Sheaffer Pen Company, Fort Madison, Iowa. Fountain-pen rack. 1,641,846; Sept. 6.
 French Battery Company. (See Meisekoth, Edwin E., assignor.)
 French, George M., St. Joseph, Mich. Intake. 1,641,670; Sept. 6.
 French, Louis O., Milwaukee, Wis. Ignition device. 1,641,421; Sept. 6.
 Friedman, William, assignor to J. W. D. H., A. F., and M. C. Arnold, copartners, doing business as F. R. Arnold & Company, New York, N. Y. Combination packet. 1,641,263; Sept. 6.
 Gabriel, John C., assignor to Western Electric Company, Incorporated, New York, N. Y. Inductive coupling device. 1,641,925; Sept. 6.
 Gall, George E., Detroit, Mich., assignor of one-half to A. Seltz, Wayne County, Mich. Compound to solder aluminum. 1,641,422; Sept. 6.
 Gammell, Clifton O., assignor of one-half to A. L. Nelson, Green Bay, Wis. Paper-converting machine. 1,641,423; Sept. 6.
 Gardner, Kenneth C., assignor to The Greenville Steel Car Company, Greenville, Pa. Cross brace. 1,641,885; Sept. 6.
 Gaynor, Arthur C., Stratford, Conn. Contact receptacle. 1,641,223; Sept. 6.
 Gaynor, Arthur C., Stratford, Conn. Insulating inclosure. 1,641,265; Sept. 6.
 Gaynor, Arthur C. and E. G., Stratford, Conn.; said E. G. Gaynor assignors to said A. C. Gaynor. Electric switch. 1,641,264; Sept. 6.
 Gaynor, Edwin G. (See Gaynor, Arthur C. and E. G.)
 Geake, William H. G., Kihara, Sydney, Australia, assignor of one-half to W. Rutherford, London, England, and J. Bain, Ottawa, Canada. Semifluid-dispensing device. 1,641,671; Sept. 6.
 Gegenheimer, Ralph E. (See MacMullin, R. B., and Gegenheimer.)
 Gemmer, George A., and C. E. Campbell, Newark, N. J. Time electric switch. 1,641,161; Sept. 6.
 General Chemical Company. (See Lohmann, William H., assignor.)
 General Chain Company. (See Eklund, Alexander, assignor.)
 General Electric Company. (See Anderson, Arvid E., assignor.)
 General Electric Company. (See Austin, Edward, assignor.)
 General Electric Company. (See Berglund, Herman, assignor.)
 General Electric Company. (See Brand, Frederick F., assignor.)
 General Electric Company. (See Brückel, Waldemar, assignor.)
 General Electric Company. (See Clarke, Edith, assignor.)
 General Electric Company. (See Devaud, Albert J., assignor.)
 General Electric Company. (See Enders, Jacob M., assignor.)
 General Electric Company. (See Flinterman, Rudolph F., assignor.)
 General Electric Company. (See Hall, Chester L., assignor.)
 General Electric Company. (See Hall, Horton W., assignor.)
 General Electric Company. (See Halvorsen, Cromwell A. B., Jr., assignor.)
 General Electric Company. (See Hamilton, William S. H., assignor.)
 General Electric Company. (See Hull, Albert W., assignor.)
 General Electric Company. (See Ibele, Walter C., assignor.)
 General Electric Company. (See Jones, Benjamin W., assignor.)
 General Electric Company. (See Keenan, William J., assignor.)
 General Electric Company. (See Nolte, Henry J., assignor.)
 General Electric Company. (See Pohl, Robert, assignor.)
 General Electric Company. (See Price, D. R., and Bowman, assignors.)
 General Electric Company. (See Sprong, Severn D., assignor.)
 General Electric Company. (See Yuyama, Juzi, assignor.)
 General Fireproofing Company, The. (See Hose, William, assignor.)
 General Motors Research Corporation. (See Fitzsimmons, J. T., and Wallace, assignors.)
 General Motors Research Corporation. (See Henry, Howard W., assignor.)
 General Motors Research Corporation. (See Hunt, J. H., and Fitzsimmons, assignors.)
 General Motors Research Corporation. (See Hunt, John H., assignor.)
 General Street Signal Corporation. (See Ruddick, John J., assignor.)

Genung, Gilbert, Chicago, assignor to J. M. Humiston, Berwyn, Ill. Earth boring machine. 1,641,926; Sept. 6.

George, Enoch, Jr., assignor to The McConway & Torley Company, Pittsburgh, Pa. Car-coupling mechanism. 1,641,424; Sept. 6.

Gerke, Frederic L., Troy, N. Y. Windshield wiper operating mechanism. 1,641,753; Sept. 6.

Gerson, Meyer I., assignor to Union Taxi Owners Association, New York, N. Y. Badge. Des. 73,403; Sept. 6.

Geyer, Harvey D., assignor to Dayton, Wright Company, Dayton, Ohio. Liquid level indicator. 1,641,380; Sept. 6.

Gibbons, Frank J., Worcester, Mass. Detachable arch support. 1,641,886; Sept. 6.

Gibson, William A., Charleston, W. Va., assignor to The Libbey-Owens Sheet Glass Company, Toledo, Ohio. Constant temperature heater for sheet glass drawing machines. 1,641,807; Sept. 6.

Giles, Theodore E., Portland, Oreg., assignor to Simonds Saw and Steel Company, Fitchburg, Mass. Measuring instrument. 1,641,266; Sept. 6.

Gilson Manufacturing Company. (See Donald, Forrest V., assignor.)

Givens, Maurice H. (See Hill, C. B., and Givens.)

Glasgow, Lewis, New York, N. Y. Steam boiler. 1,641,162; Sept. 6.

Globe Automatic Sprinkler Company. (See Rowley, Arthur C., assignor.)

Globe-Wernicke Co., The. (See Ringler, William A., assignor.)

Glover, Amos L. (See Glover, Smith, Jr., and A. L.)

Glover, Smith, Jr., and A. L. Glover, Looke, assignors to Glover Tool Company, Little Rock, Ark. Bushing remover. 1,641,754; Sept. 6.

Glover Tool Company. (See Glover, Smith, Jr., and A. L., assignors.)

Godfrey, Edward R., Anderson, Ind., assignor, by mesne assignments, to Delco-Remy Corporation, Dayton, Ohio. Rebound check. 1,641,351; Sept. 6.

Goebel, George, and W. V. Derby, assignors to The Crown Cork and Seal Company of Baltimore City, Baltimore, Md. Apparatus for arranging and feeding articles. 1,641,672; Sept. 6.

Goldberger, Eugene, Brooklyn, N. Y. Doll. Des. 73,404; Sept. 6.

Goldfarb, Jacob, Brooklyn, N. Y. Removable denture. 1,641,887; Sept. 6.

Goldsmith, Hugo, assignor to The P. Goldsmith Sons Company, Cincinnati, Ohio. Valve for playing balls. 1,641,382; Sept. 6.

Goldsmith, P. Sons Company, The. (See Goldsmith, Hugo, assignor.)

Good, Frederick C. (See Good, George C. and F. C.)

Good, George C. and F. C., Philadelphia, Pa. Portable elevator. 1,641,847; Sept. 6.

Goodrich, Norris E., assignor to Sanitarium and Hospital Equipment Company, Battle Creek, Mich. Therapeutic lamp. 1,641,629; Sept. 6.

Gough, James J., assignor to Chicago Electric Manufacturing Co., Chicago, Ill. Electric cigar lighter. 1,641,808; Sept. 6.

Government and the People of the United States of America. (See Smith, William D., assignor.)

Graf, Edward F. (See Proufit, W. S., and Graf.)

Graff, George, assignor to The Dura Company, Toledo, Ohio. Dome light. Des. 73,405; Sept. 6.

Graham, Frank H., Brooklyn, assignor to Western Electric Company, Incorporated, New York, N. Y. Transmission control. 1,641,425; Sept. 6.

Grant, Kipling A., F. R. Halliday, and A. W. Cameron, Toronto, Ontario, Canada; said Halliday and said Cameron assignors to said Grant. Imitation tree. 1,641,163; Sept. 6.

Grauer, Allan H., assignor of one-half to C. T. Comstock, Syracuse, N. Y. Washing machine. 1,641,481; Sept. 6.

Greene, Frederick J., assignor to Christensen Machine Co., Racine, Wis. Signature machine. 1,641,482; Sept. 6.

Greene, Haskell M., Whittier, Calif. Cutting oil-well casings and drill pipe. 1,641,483; Sept. 6.

Greenville Steel Car Company. (See Gardner, Kenneth C., assignor.)

Gremel, Frank J., Detroit, Mich. Mold fastener. 1,641,927; Sept. 6.

Griffin, Samuel P., Sulphur Springs, Fla. House-moving truck. 1,641,848; Sept. 6.

Griffith, Nick. (See Casselman, E. J., Griffith, and Johnson.)

Gross, Emil, Wauwatosa, and E. J. Brikner, assignors to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Hydraulic turbine. 1,641,755; Sept. 6.

Guenthart, Adolph, Wilmar, Calif. Forming outside double picks on round seams. 1,641,809; Sept. 6.

Guerris, Alfonso O., Barcelona, Spain. Bottle opener. Des. 73,406; Sept. 6.

Guiberson Corporation, The. (See Crowell, Erd V., assignor.)

Gulf Refining Company. (See Prichard, G. L., and Henderson, assignors.)

Gunn, Fred M., El Paso, Tex. Automatic measuring valve. 1,641,267; Sept. 6.

Gunnell, Charles O., et al. (See Gunnell, F. I., and Miller, assignors.)

Gunnell, Frank I., and R. Miller; said Miller assignor to C. O. and R. Gunnell, Los Angeles, Calif. Automatic mixer for soda-dispensing faucets. 1,641,164; Sept. 6.

Gunnell, Katherine, et al. (See Gunnell, F. I., and Miller, assignors.)

Gurley, W. & L. E. (See Kapps, Robert E., assignor.)

Gurney, Erving R., New York, N. Y., assignor to International Motor Company, New York, N. Y. Front-wheel construction. 1,641,224; Sept. 6.

Gutenkunst, William, Milwaukee, Wis. Stanchion. 1,641,810; Sept. 6.

Haas, Philip, Dayton, Ohio. Inlet-valve mechanism. 1,641,756; Sept. 6.

Hadley, Raymond, Fairfield, Conn. Smoking pipe. 1,641,849; Sept. 6.

Haines Manufacturing Corporation. (See Velepec, Rudolph J., assignor.)

Hall, Chester L., Fort Wayne, Ind., assignor to General Electric Company. Measuring the viscosity of fluids. 1,641,673; Sept. 6.

Hall, Horton W., Lynn, Mass., assignor to General Electric Company. Combined voltmeter and phase-rotation indicator. 1,641,757; Sept. 6.

Hall, Wesley E., Matawan, assignor to The Hanson & Van Winkle Company, Newark, N. J. Sprocket chain and links therefor. 1,641,536; Sept. 6.

Halliburton, Orville G., Chicago, Ill. Shock absorber. 1,641,268; Sept. 6.

Halliday, Francis R. (See Grant, K. A., Halliday, and Cameron.)

Halpern, Emanuel, New York, N. Y. Door latch. 1,641,537; Sept. 6.

Halvorson, Cronwell A. B., Jr., Lynn, Mass., assignor to General Electric Company. Lens. 1,641,674; Sept. 6.

Hamilton, William S. H., Schenectady, N. Y., assignor to General Electric Company. Automatic reclosing circuit-breaker system. 1,641,758; Sept. 6.

Hammond, John H., Jr., Gloucester, Mass. Torpedo. 1,641,165; Sept. 6.

Hammond, John H., Jr., Gloucester, Mass. Pedal control of stop actions. 1,641,166; Sept. 6.

Hammond, Melissa A., Hopkinsville, Ky. Match folder. 1,641,850; Sept. 6.

Hammans, Frederick D., Seattle, Wash., assignor to W. A. Sheaffer Pen Co., Fort Madison, Iowa. Fountain-pen desk set. 1,641,949; Sept. 6.

Hanley, William L., Jr., Bradford, Pa. Plant for manufacturing ceramic products. 1,641,582; Sept. 6.

Hanley, William L., Jr., Bradford, Pa. Plant for manufacturing ceramic products. 1,641,583; Sept. 6.

Hanley, William L., Jr., Bradford, Pa. Plant for manufacturing ceramic products. 1,641,584; Sept. 6.

Hanley, William L., Jr., Bradford, Pa. Brickmaking plant. 1,641,585; Sept. 6.

Hannig, Edward P., Chicago, Ill. Light and control therefor. 1,641,167; Sept. 6.

Hanson & Van Winkle Company, The. (See Hall, Wesley F., assignor.)

Hardman, Frederick J., assignor, by mesne assignments, to Delco-Remy Corporation, Dayton, Ohio. Engine-starting apparatus. 1,641,383; Sept. 6.

Hardman, Frederick J., assignor, by mesne assignments, to Delco-Remy Corporation, Dayton, Ohio. Engine-starting apparatus. 1,641,426; Sept. 6.

Harman, Montie M., Frederic, Mich. Wrench. 1,641,484; Sept. 6.

Harper, Philip S., Chicago, Ill. Valve. 1,641,675; Sept. 6.

Harrison, Gordon L., Shelby, Mich. Toy or similar article. Des. 73,407; Sept. 6.

Harshberger, Norman P., Chicago, Ill. Shingle. 1,641,427; Sept. 6.

Hart, Austin H., Greenwich, Conn., assignor to Rome Radiation Company, Incorporated, Rome, N. Y. Stream-line high-pressure radiator. 1,641,586; Sept. 6.

Hawley, Jesse B., Wilmette, Ill. Sound amplifier. 1,641,630; Sept. 6.

Hawley, John B., Jr., assignor to Hawley Inventions, Incorporated, Minneapolis, Minn. Well-pumping apparatus. 1,641,329; Sept. 6.

Hawley Inventions, Incorporated. (See Hawley, John B., Jr., assignor.)

Headley, Frederick H., Northfield, near Birmingham, England. Seat frame for chairs or stools and the like. 1,641,330; Sept. 6.

Heaslet, James E., Cleveland, assignor to The Cleveland Tractor Company, Euclid, Ohio. Tracklaying tractor. 1,641,331; Sept. 6.

Heer, Gustave. (See Plehn, T. A., and Heer.)

Hefter, Victor R., Detroit, Mich. Filter. 1,641,485; Sept. 6.

Hell Co., The. (See Hell, Julius P., assignor.)

Hell, Julius P., assignor to The Hell Co., Milwaukee, Wis. Gear-pump oiler. 1,641,486; Sept. 6.

Hemphill Company. (See Bosworth, George P., assignor.)

Hemphill Company. (See Jones, Frank E., assignor.)

Henderson, Herbert. (See Prichard, G. L., and Henderson.)

Henderson, William W., Bath, N. Y. Power transmission. 1,641,428; Sept. 6.

Henry, Howard W., Newark, N. J., assignor to General Motors Research Corporation, Dayton, Ohio. Magnet. 1,641,384; Sept. 6.

Hermann, Wolfgang, assignor to Metal Specialties Manufacturing Company, Chicago, Ill. Dash lamp. 1,641,759; Sept. 6.

Hershey Manufacturing Company. (See Hershey, Orville S., assignor.)

Hershey, Orville S., assignor to Hershey Manufacturing Company, Chicago, Ill. Automobile lock. 1,641,811; Sept. 6.

Heyl, Triphon D. (See Schmidt, B. F., and Heyl.)

Heyman, Wilbert A., and W. McComb, New York, N. Y. Continuous-freezing apparatus. 1,641,429; Sept. 6.

Hickstein, Fred. (See Bannen, William, assignor.)

Hill, Charles B., Glencoe, and M. H. Givens, Evanston, Ill. Dry yeast and producing the same. 1,641,676; Sept. 6.

Hill, Charles B., Glencoe, and M. H. Givens, Evanston, Ill. Dry yeast and producing the same. 1,641,677; Sept. 6.

Hilly, Christian J., Rittman, Ohio. Humidifier for hot-air heating systems. 1,641,587; Sept. 6.

Hockmeyer, Clive E., assignor to Zip-On Mfg. Co., Lowell, Mass. Legging. 1,641,487; Sept. 6.

Hodge, Thomas D., Duluth, Minn. Kick-off for shears. 1,641,678; Sept. 6.

Hoffman, John A., Palmsville, Ohio, assignor to The Cuyahoga Spring Company. Making spring clips. 1,641,631; Sept. 6.

Hoge, William, assignor to The General Fireproofing Company, Youngstown, Ohio. Index system for cards and the like. 1,641,488; Sept. 6.

Hoke, Harry A., Altoona, Pa. Oil cup. 1,641,269; Sept. 6.

Holecomb, J. I., Mfg. Co. (See Martin, E. E., and Dietrich, assignors.)

Holken, Martin, Jr., Barmen, Germany. Manufacturing artificial silk. 1,641,588; Sept. 6.

Hollafolia, George, Syracuse, N. Y. Scarf holder and former. 1,641,851; Sept. 6.

Holleman, Hugh, Smackover, Ark. Gas burner. 1,641,888; Sept. 6.

Holley, George M., Detroit, Mich. Carbureting device. 1,641,332; Sept. 6.

Holmes, Morris P., Claremont, N. H., assignor to Sullivan Machinery Company. Mining apparatus. 1,641,430; Sept. 6.

Hood, James B., Forest Hills, N. Y. Screw locking and unlocking device. 1,641,489; Sept. 6.

Horelek, Samuel, Pittsburgh, Pa., assignor to Pittsburgh Transformer Company. Transformer bushing support. 1,641,270; Sept. 6.

Horelek, Samuel, Pittsburgh, Pa., assignor to Pittsburgh Transformer Company. Transformer tap changer. 1,641,271; Sept. 6.

Horelek, Samuel, Pittsburgh, Pa., assignor to Pittsburgh Transformer Company. Transformer winding. 1,641,272; Sept. 6.

Horton, Joseph W., Bloomfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Communication system. 1,641,431; Sept. 6.

Howcott, Harley A. W., New Orleans, La. Oil-refining apparatus. 1,641,852; Sept. 6.

Howell, John E., and G. E. Sapp, Sacramento, Calif. Retreading mold. 1,641,490; Sept. 6.

Hubbard, Francis A., West Englewood, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. System for determining the direction of propagation of wave energy. 1,641,432; Sept. 6.

Hudson, A. P. H., et al. (See Pangborn, Redmond H., assignor.)

Hudson, Robert S., et al. (See Pangborn, Redmond H., assignor.)

Huesel, Hugo A. (See Smurr, Samuel P., assignor.)

Hufferd, George H., Detroit, Mich., assignor to Thompson Products Inc., Cleveland, Ohio. Universal coupling. 1,641,385; Sept. 6.

Hughes, Howard R., deceased, Houston, Tex.; R. C. Kuddell, administrator. Rotary drilling tool. 1,641,273; Sept. 6.

Hughes, Paul C., Tulsa, Okla. Gas burner. 1,641,274; Sept. 6.

Hughes, Paul C., Tulsa, Okla. Burner. 1,641,275; Sept. 6.

Hughes Tool Company. (See Fletcher, Harold W., assignor.)

Hughes Tool Company. (See Scott, Floyd L., assignor.)

Hull, Albert W., Schenectady, N. Y., assignor to General Electric Company. Regulating apparatus. 1,641,679; Sept. 6.

Hull, Clotce B., Cleveland, Ohio. Brake for airplanes. 1,641,760; Sept. 6.

Humiston, John M. (See Genung, Gilbert, assignor.)

Hunt, John H., assignor to General Motors Research Corporation, Dayton, Ohio. Battery-charging system. 1,641,386; Sept. 6.

Hunt, John H., assignor, by mesne assignments, to Delco-Remy Corporation, Dayton, Ohio. Lighting and ignition system. 1,641,423; Sept. 6.

Hunt, John H., and J. T. Fitzsimmons, assignors to General Motors Research Corporation, Dayton, Ohio. Lighting and ignition apparatus. 1,641,434; Sept. 6.

Huntington, Victor C., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Method of and apparatus for advancing articles. 1,641,276; Sept. 6.

Hutchins Car Roofing Company. (See Thompson, William D., assignor.)

Huyett, Daniel D., assignor to Atlas Powder Company, Wilmington Del. Automatic dwell-control device for embossing presses. 1,641,632; Sept. 6.

Hyde, Rollin M., assignor to McCord Radiator & Mfg. Co., Detroit, Mich. Refrigerating unit. 1,641,853; Sept. 6.

Hydrocarbon Refining Process Co., The. (See McMichael, Paul, assignor.)

Hyland, Charles, Leeds, England. Rheostat for liquid-level indicators. 1,641,491; Sept. 6.

Hyman, Henry. (See Muldoon, Bernard F., assignor.)

I. G. Farbenindustrie Aktiengesellschaft. (See Lueg, P., Drucker, and Thienemann, assignors.)

Ibele, Walter C., Euclid Village, Ohio, assignor to General Electric Company. Cement for incandescent-lamp filaments. 1,641,761; Sept. 6.

Ile, William, assignor to Reynolds Spring Company, Jackson, Mich. Two-way socket. 1,641,277; Sept. 6.

Illg, Adam, New York, N. Y. Cigar holder. 1,641,538; Sept. 6.

Iodiana Lamp Corporation. (See Foster, Harry C., assignor.)

Individual Drinking Cup Company. (See Dawson, Cecil F., assignor.)

Ingersoll, George B., Dearborn, assignor, by mesne assignments, to Federal Motor Truck Company, Detroit, Mich. Vehicle construction. 1,641,333; Sept. 6.

Ingersoll-Rand Company. (See Slater, Fred M., assignor.)

Ingram, Oscar L., Walla Walla, Wash. Liquid-level gauge. 1,641,387; Sept. 6.

Insulex Corporation. (See Nelson, William K., assignor.)

International Combustion Engineering Corporation. (See London, William J. A., assignor.)

International Harvester Company. (See Danly, Philo H., assignor.)

International Harvester Company. (See Johnston, E. A., and Danly, assignors.)

International Motor Company. (See Gurney, Erving R., assignor.)

International Motor Company. (See Manville, Keith R., assignor.)

Irving-Pitt Manufacturing Company. (See Van Valkenburgh, Richard M., assignor.)

Irwin, Henry H., Greenville, S. C. Glareshield. 1,641,889; Sept. 6.

Isom, Edward W. (See Bell, J. E., and Isom.)

Ivanpah Lime and Chemical Company. (See Wood, Burton G., assignor.)

Jackson, Elmer B., Brawley, Calif. Tire carrier. 1,641,890; Sept. 6.

Jacobsen, Richard S., Wheaton, Ill. Mechanism for operating reciprocating conveyers or screens. 1,641,435; Sept. 6.

Jacques, William L., Central Falls, R. I. Handsaw. 1,641,168; Sept. 6.

Jardine, A. B., & Co. Limited. (See Jardine, James V., assignor.)

Jardine, James V., assignor to A. B. Jardine & Co., Limited, Hespeler, Ontario, Canada. Pipe cutter or threader. 1,641,928; Sept. 6.

Jardot, Louis J., Stillwater, Okla. Bricklayer's gauge. 1,641,854; Sept. 6.

Jasperson, Charlie, Princeton, Minn. Potato picker, cleaner, sorter, and bagger. 1,641,492; Sept. 6.

Jenkins, Charles F., Washington, D. C. Multiple light-cell transmitter. 1,641,633; Sept. 6.

Jenkins, Stanley S., Buffalo, N. Y., assignor to Livesey Surgical Service, Inc., Newark, N. J. Invalid lifter and carrier. 1,641,388; Sept. 6.

Jenks, Stuart W., Washington, D. C. Electrolytic reactor. 1,641,733; Sept. 6.

Jett, George C., assignor of two-fifths to W. H. Stelmke, Milwaukee, Wis. Snapping roll for corn harvesters. 1,641,436; Sept. 6.

Johanson, Emil G., Chicago, Ill. Cream separator. 1,641,493; Sept. 6.

Johnson, Charles E. (See Casselman, E. J., Griffith, and Johnson.)

Johnson, Eric, Seattle, Wash. Portable elevator. 1,641,891; Sept. 6.

Johnson, James C., Minneapolis, Minn. Show case. 1,641,335; Sept. 6.

Johnson, Joseph B., Los Angeles, Calif. Vending machine. 1,641,539; Sept. 6.

Johnson, John W., Auckland, assignor of one-half to L. B. Dougherty, Hamilton, New Zealand. Automatic alarm. 1,641,278; Sept. 6.

Johnson, Thomas, Los Angeles, Calif. Memoranda holder for bats. 1,641,812; Sept. 6.

Johnson Washer Company. (See Maus, Frank, assignor.)

Johnson, Wilfred G., Elyria, Ohio. Bumper. 1,641,225; Sept. 6.

Johnston, Edward A., and P. H. Danley, assignors to International Harvester Company, Chicago, Ill. Tractor. 1,641,813; Sept. 6.

Jones, Benjamin W., Schenectady, N. Y., assignor to General Electric Company. Summation metering system. 1,641,762; Sept. 6.

Jones, Charles L., Pittsburgh, Pa. Maintaining inert atmospheres in electrical apparatus. 1,641,814; Sept. 6.
Jones, Frank E., Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Hosiery machine for making right and left toe pockets. 1,641,589; Sept. 6.
Jones, Frank E., Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Feeding means for knitting machines. 1,641,590; Sept. 6.
Jones, John G., assignor to Eastman Kodak Company, Rochester, N. Y. Conveyor. 1,641,437; Sept. 6.
Jones, Lester L., Oradell, N. J. Variable condenser. 1,641,438; Sept. 6.
Jones, Minnie L., Cornelia, Ga. Danger indicating means for highways. 1,641,279; Sept. 6.
Jones, Percival W., Warwick, assignor to Rosenheim Co. Inc., Providence, R. I. Bracelet. 1,641,763; Sept. 6.
Joseph, Edmund C., New Orleans, La. Washing and polishing device. 1,641,494; Sept. 6.
Joslin, Charles T., Cleveland, and C. W. Klotz, Parma Village, Ohio, assignors to The Russ Manufacturing Company, Cleveland, Ohio. Slurp pump. 1,641,280; Sept. 6.
Jovino, John V., Brooklyn, N. Y. Safety holster. 1,641,439; Sept. 6.
Kaisling, William, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Ignition switch. 1,641,169; Sept. 6.
Kalgren, John E., assignor to The J. R. Clark Co., Minneapolis, Minn. Stepladder. 1,641,591; Sept. 6.
Kapps, Robert E., assignor to W. & L. E. Gurley, Troy, N. Y. Tripod. 1,641,592; Sept. 6.
Karlson, Gustav V., Elizabeth, N. J. Light-operated controlling apparatus. 1,641,170; Sept. 6.
Kauch, Robert. (See Paulus, C. L. and Kauch.)
Kaufman, Abram E., assignor to The R. Thomas & Sons Company, East Liverpool, Ohio. Method and apparatus for finishing insulators. 1,641,815; Sept. 6.
Kaufman, Martin, Trenton, N. J. Garment hanger. 1,641,680; Sept. 6.
Keenan, William J., Schenectady, N. Y., assignor to General Electric Company. Electric furnace. 1,641,764; Sept. 6.
Kelleher, Thomas J., and H. Krump, Chicago, Ill. Compound wheel. 1,641,440; Sept. 6.
Kellogg Switchboard and Supply Company. (See Kaisling, William, assignor.)
Kemp, Evina A., et al. (See White, Phillip A., assignor.)
Kewish, William H., Painesville, Ohio. Wrench. 1,641,634; Sept. 6.
Kindervater, Julius, Brooklyn, N. Y. Method and apparatus for making gaskets. 1,641,171; Sept. 6.
Kinnear, John K., Geneva, Ohio. Handle. 1,641,226; Sept. 6.
Kirby, James B., West Richfield, Ohio. Rebound retarder. 1,641,334; Sept. 6.
Kircher, Ralph N., West Bend, Wis., assignor to West Bend Aluminum Company. Detachable cover for cooking vessels. 1,641,681; Sept. 6.
Kitchel, Robert R., Ridley Park, J. L. Lippard, and J. E. Mullan, Philadelphia, Pa. Cigar bunch machine. 1,641,816; Sept. 6.
Klapper, Theodore B., Garden City, N. Y. Windshield cleaner. 1,641,336; Sept. 6.
Klein, Richard M., assignor to F. A. D. Andrea, Inc., New York, N. Y. Adjustable condenser. 1,641,635; Sept. 6.
Klotz, Carl W. (See Joslin, C. T., and Klotz.)
Knipping, Hugo W., Hamburg, Germany. Process of and apparatus for ascertaining the change of gaseous matter in human bodies. 1,641,817; Sept. 6.
Knox, Orville M., assignor of one-third to L. G. Archer, Knoxville, N. Y. Pole. 1,641,227; Sept. 6.
Kolbe, Robert E., Erie, Pa. Freezing method. 1,641,441; Sept. 6.
Kolisch, Paul. (See Aldendorff, Fritz, assignor.)
Kolster, Frederick A., Palo Alto, assignor to Federal Telegraph Company, San Francisco, Calif. Multiple variable condenser. 1,641,593; Sept. 6.
Komarek, Gustav, Chicago, Ill., assignor to Malcolmson Engineering and Machine Corporation, St. Louis, Mo. Drier. 1,641,337; Sept. 6.
Kottenbrook, Howard G. (See Arns, Harry M., assignor.)
Kraft, Henry P., deceased, Ridgewood, N. Y.; E. J. Phillips and E. A. Darr, executors. Water-bottle stopper. 1,641,594; Sept. 6.
Krank, Alfred J., St. Paul, Minn. Powder dispenser. 1,641,765; Sept. 6.
Krick, George W., Los Angeles, Calif. Extension top for tables. 1,641,495; Sept. 6.
Kroeger, Frederick C., Anderson, Ind., assignor, by mesne assignments, to Delco-Remy Corporation, Dayton, Ohio. Ignition apparatus. 1,641,442; Sept. 6.
Kroeger, Frederick C., and H. E. Norviel, Anderson, Ind., assignors, by mesne assignments, to Delco-Remy Corporation, Dayton, Ohio. Condenser-winding machine. 1,641,380; Sept. 6.
Krump, Herbert. (See Kelleher, T. J., and Krump.)
Krusse, Carl E., Kingsley, Iowa. Corn harvester. 1,641,682; Sept. 6.
Kuhl, Alphonse M., Omaha, Nebr. Flower box and fish bowl. 1,641,496; Sept. 6.
Kuldell, R. C., administrator. (See Hughes, Howard R.)

Kundee, Albert H., assignor to Premier Warm Air Heater Company, Downgrade, Mich. Automatic humidifier for warm-air furnaces. 1,641,172; Sept. 6.
Kurowski, Alfred G. F., Brooklyn, assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,641,929; Sept. 6.
La Brie, Ludger E., South Bend, Ind., assignor to Bendix Brake Company, Chicago, Ill. Brake. 1,641,443; Sept. 6.
Ladd, Frank C., Dalton, and F. G. Neal, Springfield, assignor to Eastern Manufacturing Company, Boston, Mass. Belt for paper-finishing machines. 1,641,173; Sept. 6.
La France, Richard, assignor to The Owens Bottle Company, Toledo, Ohio. Machine for forming glass articles. 1,641,497; Sept. 6.
Labman, Harry A., Kansas City, Kans. Flower holder. Des. 73,408; Sept. 6.
Lamont, Jesse L., Geneseo, Ill. Signal. 1,641,855; Sept. 6.
Lane, Fred T., Spokane, Wash. Valve. 1,641,892; Sept. 6.
Larche, Marvin S., Bowie, Tex. Barbecue oven. 1,641,818; Sept. 6.
Larson, Shure, Norway, Iowa. Lock. 1,641,338; Sept. 6.
Lass, Frederick J., assignor of one-half to F. M. Connolly, Galesburg, Ill. Mechanical movement. 1,641,498; Sept. 6.
Lasswell, Jesse D., Chicago, Ill. Cutter. 1,641,636; Sept. 6.
Laubuff, Alfred, Shorewood, Wis. Speed reducer. 1,641,766; Sept. 6.
Lawson, George D., Pocahontas, Iowa. Cam-operated timer. 1,641,930; Sept. 6.
Lay, Frank R., Indianapolis, Ind. Treating broom corn. 1,641,174; Sept. 6.
Leck, D'Arcy J. M., Minneapolis, Minn. Building clamp. 1,641,819; Sept. 6.
Lederer, Irving R., Providence, R. I. Buckle. Des. 73,409; Sept. 6.
Ledlin, Charles, assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Cylinder lock. 1,641,767; Sept. 6.
Lee, Connie W., Paducah, Ky. Rolling and motor propelled jack. 1,641,444; Sept. 6.
Lemieux, Felix J., Chicago, Ill. Toy. 1,641,175; Sept. 6.
Lemmer, Orvil G., Seattle, Wash. Wardrobe trunk. 1,641,595; Sept. 6.
Levis, John H., Jr., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Telephone system. 1,641,228; Sept. 6.
Lewington, Guy A. R., and G. A. Smith, Los Angeles, Calif. Orchard heater. 1,641,540; Sept. 6.
Lewis, Claude A., Houston, Tex., assignor to American Window Company, Window. 1,641,390; Sept. 6.
Lewis, Claude A., Houston, Tex., assignor to American Window Company. Window and stile. 1,641,391; Sept. 6.
Lewis, Forest J., Cleveland, Ohio. Apparatus for drilling wells. 1,641,176; Sept. 6.
Lewis, Lloyd V., Edgewood Borough, assignor to The Union Switch & Signal Company, Swissvale, Pa. Audible signal for railway braking apparatus. 1,641,768; Sept. 6.
Lewis, William N., assignor to Sebring Manufacturing Corporation, Sebring, Ohio. Making decorated chinaware. 1,641,820; Sept. 6.
Libbey-Owens Sheet Glass Company, The. (See Blair, James C., assignor.)
Libbey-Owens Sheet Glass Company, The. (See Ferngren, Enoch T., assignor.)
Libbey-Owens Sheet Glass Company, The. (See Gibson, William A., assignor.)
Libbey-Owens Sheet Glass Company, The. (See Mambourg, Nestor, assignor.)
Libbey-Owens Sheet Glass Company, The. (See Neenan, Joseph M., assignor.)
Libbey-Owens Sheet Glass Company, The. (See Recce, Joseph A., assignor.)
Liment, Alexander W., Bridgeport, Conn. Making valve stems. Rel. 7,30; Sept. 6.
Lind, Gus W., Newark, N. J. Water-level indicator and recorder. 1,641,229; Sept. 6.
Linebaugh, Edward R., Barberton, Ohio, assignor to The Diamond Match Company, Chicago, Ill. Combined printing and bronzing machine. 1,641,177; Sept. 6.
Link-Belt Company. (See Oldroyd, Gerald J., assignor.)
Lippard, Jesse L. (See Kitchel, R. R., Lippard, and Mullan.)
Lippert, Samuel, Garfield Heights, assignor to The Outlook Manufacturing Company, Cleveland, Ohio. Mechanical movement and windshield-cleaning apparatus involving the same. 1,641,392; Sept. 6.
Little, Edwin G., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway skate-operating apparatus. 1,641,178; Sept. 6.
Little, Mathew, University Place, Nebr. Lock nut. 1,641,821; Sept. 6.
Livezey Surgical Service, Inc. (See Jenkins, Stanley S., assignor.)
Ljungberg, Karl J., Stockholm, Sweden. Building reinforced concrete structures. 1,641,541; Sept. 6.
Lloyd, Herman R., and J. W. Ellis, Taft, Calif. Vibration absorber for automobiles. 1,641,856; Sept. 6.

Lloyd, Samuel F. (See Watters, L. A., and Lloyd.)
Lohit, Jean M., New York, N. Y. Assembling machine. 1,641,542; Sept. 6.
Lohit, Jean M., Brooklyn, N. Y. Keyboard. 1,641,543; Sept. 6.
Logan, Charles W., Kenmore, assignor to Markel Electric Products, Inc., Buffalo, N. Y. Arm for electric-light fixtures. Des. 73,410; Sept. 6.
Lohmann, William H., Wilmington, Del., assignor to General Chemical Company, New York, N. Y. Carboy package. 1,641,179; Sept. 6.
Lomax, Clarence E., assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill. Telephone system. 1,641,931; Sept. 6.
London, William J. A., Hartford, Conn., assignor to International Combustion Engineering Corporation. Pulverizing apparatus. 1,641,445; Sept. 6.
Lonergan, J. E., Company. (See Burkhardt, Henry J., assignor.)
Lucey, Patrick J., assignor to Lucey Slicing Machine Co., South Bend, Ind. Deflecting plate for slicing machines. 1,641,180; Sept. 6.
Lucey Slicing Machine Co. (See Lucey, Patrick J., assignor.)
Luden, Wm. H., Inc. (See Weber, Walter S., assignor.)
Ludlow Typograph Company. (See Merrill, Philip P., assignor.)
Lueg, Paul, Leverkusen, J. Drucker, Cologne-Mühlheim, and H. Thienemann, Leverkusen, near Cologne, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Producing active carbon. 1,641,281; Sept. 6.
Lurie, August J. (See Fredrick, Joseph P., assignor.)
Lutgens, Lionel C., London, and R. O. Child, Harrow, England. Composition applicable for roofing, road surfacing, and other purposes. 1,641,637; Sept. 6.
Lutz, Weldy, Eldon, Iowa. V-shaped appliance for tractor-wheel lugs. 1,641,282; Sept. 6.
Lynch, Charles W., Perry, Okla. Sand reel. 1,641,893; Sept. 6.
Lyon, Samuel V. (See Post, L. B., Lyon, and Blumenfeld.)
Mabee, Charles R., Buffalo, N. Y., assignor to Mabee Patents Corporation, Dover, Del. Apparatus for producing livestock feeds. 1,641,340; Sept. 6.
Mabee Patents Corporation. (See Mabee, Charles R., assignor.)
MacDougall, Alexander, Baker, Oreg. Display container. 1,641,283; Sept. 6.
Mackie, Peter H., Clinton, Wash. Automatic rotary pulverizing cultivator. 1,641,393; Sept. 6.
MacMullin, Robert B., and R. E. Gegenheimer, Niagara Falls, assignors to The Mathieson Alkali Works, Inc., New York, N. Y. Manufacture of alcohols. 1,641,544; Sept. 6.
Magee, William H., assignor to Fostoria Glass Company, Moundsville, W. Va. Combined centerpiece and flower block. Des. 73,411; Sept. 6.
Mahloy, Charles, Roanoke, Va. Letter scale. 1,641,596; Sept. 6.
Mahon, Russell C., Detroit, Mich. Pneumatic conveyer. 1,641,181; Sept. 6.
Malcolmson Engineering and Machine Corporation. (See Komarek, Gustav, assignor.)
Mallory, Harry C., deceased, New York, N. Y.; S. R. Mallory, administratrix. Valve mechanism for engine-cooling systems. 1,641,341; Sept. 6.
Mallory, Sue R., administratrix. (See Mallory, Harry C.)
Malouf, Beshara I., Salt Lake City, Utah, assignor, by mesne assignments, to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner. 1,641,683; Sept. 6.
Mambourg, Nestor, Lancaster, assignor to The Libbey-Owens Sheet Glass Company, Toledo, Ohio. Sheet-drawing apparatus. 1,641,894; Sept. 6.
Manville, Keith R., assignor to International Motor Company, New York, N. Y. Vibration dampener. 1,641,230; Sept. 6.
Marengo, Natalio G., Buenos Aires, Argentina. Barrier or fence against locusts. 1,641,769; Sept. 6.
Markel Electric Products, Inc. (See Logan, Charles W., assignor.)
Markel Electric Products, Inc. (See Yokel, Frank, assignor.)
Marquette Manufacturing Company. (See Nilson, Leonard D., assignor.)
Marschalk, Charles H., Paris, France. Black sulphurized naphthol dyes. 1,641,182; Sept. 6.
Martin, Ethel E., Indianapolis, and H. W. Dietrich, Noblesville, Ind. Solidified deodorant and insecticide. 1,641,183; Sept. 6.
Martin, William H., Flushing, Netherlands. Exhaust and like silencer. 1,641,394; Sept. 6.
Marx, Louis, & Company. (See Esser, Peter, assignor.)
Masson, Louis E., New Orleans, La. Sample holder for cloth boards. 1,641,857; Sept. 6.
Mathieson Alkali Works, Inc., The. (See MacMullin, R. B., and Gegenheimer, assignors.)
Mattson, Gustave W., Chicago, Ill. Wire twisting and cutting tool. 1,641,822; Sept. 6.
Mauorgne, Joseph O. (See Squier, G. O., Mauorgne, and Cohen.)
Mauney, William C., and W. L. Dunn, Gastonia, N. C. Sand-blast system. 1,641,342; Sept. 6.

Maus, Frank, San Francisco, assignor to Johnson Washer Company, Oakland, Calif. Driving mechanism for washing machines. 1,641,770; Sept. 6.
Mayer, William, New York, N. Y. Trailer coupler. Rel. 7,31; Sept. 6.
Maynard, James W., Memphis, Tenn. Temperature indicator and time-indicating attachment therefor. 1,641,343; Sept. 6.
McCarthy, John A., St. Joseph, Mo. Shingle. 1,641,858; Sept. 6.
McColl, Francis P., Ridgewood, N. J., assignor to Compact Coffee Corporation. Coffee tablet and making same. 1,641,446; Sept. 6.
McComb, William. (See Heyman, W. A., and McComb.)
McConnell, Charles F. (See Will, J. G., and McConnell.)
McConway & Torley Company, The. (See George, Enoch, Jr., assignor.)
McConway & Torley Company, The. (See Regan, William J., assignor.)
McCord Radiator & Mfg. Co. (See Hyde, Rollin M., assignor.)
McCormick, Robert B., Detroit, Mich. Axle transmission. 1,641,859; Sept. 6.
McCoy, Harry E., Pittsburgh, assignor to The McDowell Manufacturing Company, Millvale, Pa. Racing game. 1,641,638; Sept. 6.
McCoy, Harry E., Pittsburgh, assignor to The McDowell Manufacturing Company, Millvale, Pa. Racing toy. 1,641,639; Sept. 6.
McCoy, John J., Milton, Oreg. Self-feeding burner. 1,641,545; Sept. 6.
McDonald Securities Co. (See McDonald, W. H., and Bessee, assignors.)
McDonald, William H., Overton, Nev., and F. E. Bessee, Los Angeles, Calif., assignors to McDonald Securities Co., Ltd. Advertising device. 1,641,684; Sept. 6.
McDowell Manufacturing Company, The. (See McCoy, Harry E., assignor.)
McDowell Manufacturing Company. (See Zabel, Charles, assignor.)
McGall, Philip K., West Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Measuring instrument. 1,641,447; Sept. 6.
McGill Metal Products Company. (See Beck, Albert, assignor.)
McLean, Charles, Berkeley, Calif. Washing machine. 1,641,344; Sept. 6.
McMahon, William F., Riverside, Calif. Nonshrinkage cavity ingot mold. 1,641,597; Sept. 6.
McMichael, Paul, Flushing, assignor to The Hydrocarbon Refining Process Co., Inc., New York, N. Y. Refining hydrocarbon oils. 1,641,546; Sept. 6.
McNeely, John K., St. Louis, Mo. Producing anamorphous images. 1,641,184; Sept. 6.
Mead, William A., Los Angeles, Calif. Rat guard. 1,641,345; Sept. 6.
Meder, Robert E., Milwaukee, Wis. Photographic enlarging apparatus. 1,641,346; Sept. 6.
Meehan, Paul A., assignor to American Dresser Tunnel Kilns, Inc., Cleveland, Ohio. Kiln car. 1,641,185; Sept. 6.
Meehan, Paul A., assignor to American Dresser Tunnel Kilns, Inc., Cleveland, Ohio. Kiln car. 1,641,186; Sept. 6.
Meier, Rudolf, and H. Scholler, Munich, Germany. The production of glucose from material containing cellulose. 1,641,771; Sept. 6.
Melsekothien, Edwin E., assignor to French Battery Company, Madison, Wis. Dry-battery construction. 1,641,685; Sept. 6.
Melcher, Lee W., West De Pere, Wis. Transmission gear. 1,641,187; Sept. 6.
Merdian, Fred, Vancouver, Wash. Tool for removing and inserting bearing sleeves and bearings. 1,641,895; Sept. 6.
Merrick, Herbert L., Passaic, N. J. Material-feeding means. 1,641,448; Sept. 6.
Merrill, Philip P., Evanston, assignor to Ludlow Typograph Company, Chicago, Ill. Printing art. 1,641,772; Sept. 6.
Metal Specialties Manufacturing Company. (See Hermann, Wolfgang, assignor.)
Metz, Samuel T., Jamaica, N. Y., assignor to Treo Company, Inc. Undergarment. 1,641,284; Sept. 6.
Meyer, Dirk, Pekin, assignor to The Meyer Furnace Company, Peoria, Ill. Smoke-pipe connection for furnaces. 1,641,825; Sept. 6.
Meyer Furnace Company, The. (See Meyer, Dick, assignor.)
Milford, Floyd M., Burkburnett, Tex. Retread mold. 1,641,499; Sept. 6.
Miller, Alfred E., Kansas City, Mo. Educational device. 1,641,773; Sept. 6.
Miller, Daniel D., assignor to Western Electric Company, Incorporated, New York, N. Y. Relay. 1,641,285; Sept. 6.
Miller, Erwin E., Fullerton, Calif. Expandable packing. 1,641,547; Sept. 6.
Miller, George J., Douglas, Ark. Reclaiming rubber. 1,641,598; Sept. 6.
Miller, Ralph. (See Gannell, F. I., and Miller.)
Miscampbell, Hugh, Duluth, Minn. Hydrator. 1,641,347; Sept. 6.
Mitchell, Raymond H. (See Sager, L. R., and Mitchell.)

Mittag, Paul T., Los Angeles, Calif. Exercising cot. 1,641,188; Sept. 6.
 Mohawk Corporation of Illinois. (See Chamberlain, Paul A., assignor.)
 Monarch Brush Co., The. (See Nilsson, Freeman, assignor.)
 Monro, William L., assignor to Window Glass Machine Company, Pittsburgh, Pa. Method and apparatus for annealing and cooling sheet glass. 1,641,896; Sept. 6.
 Montgomery, Gustavus A., assignor to Titusville Forge Company, Titusville, Pa. Temper screw. 1,641,189; Sept. 6.
 Moore, Isaac C., Cleo Springs, Okla. Drag. 1,641,348; Sept. 6.
 Moore, Tom, Cincinnati, Ohio. Rectifying radio shield. 1,641,395; Sept. 6.
 Morell, Elgin, East Orange, N. J. Vending machine. 1,641,890; Sept. 6.
 Morelli, Peter J. (See Wilcott, F. G., and Morelli.)
 Morgan, Mathew B., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Differential mechanism. 1,641,190; Sept. 6.
 Morris, Roy H., Oakland, Calif. Direction indicator. 1,641,774; Sept. 6.
 Moses, Wade, Cleveland, Ohio. Guard for poison bottles. 1,641,897; Sept. 6.
 Moss, Samuel, New York, N. Y. Display box. 1,641,861; Sept. 6.
 Mueller, Emil C., jr., Elizabeth, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Test plug. 1,641,286; Sept. 6.
 Muenzenmayer, Henry, Junction City, Kans. Service bin. 1,641,775; Sept. 6.
 Muldoon, Bernard F., Mountain View, N. J., assignor to H. Hyman, Brooklyn, N. Y. Display stand or similar article. Des. 73,412; Sept. 6.
 Mullan, Joseph E. (See Kitchel, R. R., Lippard, and Mullan.)
 Munro, Donald, Montreal, Quebec, Canada. Stock car. 1,641,287; Sept. 6.
 Murray, Henry L., Somerstown, assignor to The Te Aroha Dairy Company Limited, Te Aroha, Auckland, New Zealand. Deodorizing, cooling, and dehydrating fluids and apparatus therefor. 1,641,349; Sept. 6.
 Murray, Howard J., Brooklyn, N. Y. Electrical instrument. 1,641,945; Sept. 6.
 Murray, Howard J., Brooklyn, N. Y. Movable dielectric condenser. 1,641,946; Sept. 6.
 Myers, Joseph W., Jackson, Mich. Suspension for vehicles. 1,641,640; Sept. 6.
 N. V. Philips' Gloeilampenfabrieken. (See Bouwers, Albert, assignor.)
 National Carbon Company. (See Birdsall, Charles G., assignor.)
 Naugatuck Chemical Company, The. (See Cadwell, Sidney M., assignor.)
 Neal, Franklin G. (See Ladd, F. C., and Neal.)
 Neenan, Joseph M., Shreveport, La., assignor to The Libbey-Owens Sheet Glass Company, Toledo, Ohio. Glass furnace. 1,641,898; Sept. 6.
 Neldich, Samuel A., Edgewater Park, N. J. Braid bank winding mechanism. 1,641,288; Sept. 6.
 Neilson, Robert M., Montreal, Quebec, Canada. Mattress case. 1,641,231; Sept. 6.
 Nelson, A. L. (See Gammell, Clifton O., assignor.)
 Nelson, William K., assignor to Insulux Corporation, Chicago, Ill. Composition construction or heat insulating material. 1,641,191; Sept. 6.
 Neslahl, Elbert, Camden, N. J. System of ventilating and humidifying. 1,641,899; Sept. 6.
 Nethercut, Edgar S. (See Colman, Howard D., assignor.)
 Nen, Joseph, Los Angeles, Calif. Signal faceplate. Des. 73,413; Sept. 6.
 Newhouse, Ray C., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Crusher. 1,641,776; Sept. 6.
 Newhouse, Ray C., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Roll grizzly. 1,641,777; Sept. 6.
 New Jersey Machine Corporation. (See Feybusch, M., and Felscher, assignors.)
 Newson, Willard, Montgomery, Ala. Sawmill dog. 1,641,900; Sept. 6.
 Nicholson, Stanley W., assignor to The Dura Company, Toledo, Ohio. Weather strip. 1,641,191; Sept. 6.
 Nieberding, Frank A., deceased, Cleveland, Ohio, M. H. Nieberding, administratrix. Burner. 1,641,350; Sept. 6.
 Nieberding, Margaret H., administratrix. (See Nieberding, Frank A.)
 Nilson, Leonard D., Wayzata, assignor to Marquette Manufacturing Company, St. Paul, Minn. Crane. 1,641,351; Sept. 6.
 Nilsson, Freeman, assignor to The Monarch Brush Co., Troy, N. Y. Knot picking machine. 1,641,680; Sept. 6.
 Noack, Henry J., Spokane, Wash. Puller for battery terminals. 1,641,599; Sept. 6.
 Nolte, Henry J., Schenectady, N. Y., assignor to General Electric Company. Vacuum condenser. 1,641,887; Sept. 6.
 Northern Paper Mills. (See Roberts, Chester J., assignor.)
 Northwestern Yeast Company. (See Hill, C. B., and Gliven, assignors.)
 Norviel, Harry E. (See Kroeger, F. C., and Norviel.)
 Norviel, Harry E., Anderson, Ind., assignor, by mesne assignments, to Delco-Remy Corporation, Dayton, Ohio. Electric switch. 1,641,352; Sept. 6.
 Norviel, Harry E., Anderson, Ind., assignor by mesne assignments to Delco-Remy Corporation, Dayton, Ohio. Control device. 1,641,396; Sept. 6.
 O'Brien, Daniel, Punta, San Juan, Cuba. Truss. 1,641,339; Sept. 6.
 Officer, Charles B., Winnetka, Ill., assignor to Sullivan Machinery Company. Mining-machine truck. 1,641,862; Sept. 6.
 Ohl, Russell S., New York, N. Y., assignor to American Telephone and Telegraph Company. Radio signaling system. 1,641,289; Sept. 6.
 Oldroyd, Gerald J., Philadelphia, Pa., assignor to Link-Belt Company, Chicago, Ill. Ash gate. 1,641,823; Sept. 6.
 Olin, Louis B., Chicago, Ill. Iceless refrigerator tank. 1,641,192; Sept. 6.
 O'Neill, Henry W., Elmhurst, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 1,641,449; Sept. 6.
 O'Neill, Henry W., Elmhurst, assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone system. 1,641,450; Sept. 6.
 Oppel, John M. (See Oppel, Rose L. and J. M.)
 Oppel, Rose L. and J. M., Omaha, Nebr. Electrical hair waving and curling device. 1,641,353; Sept. 6.
 Optische Anstalt C. P. Goerz Aktiengesellschaft. (See Urban, Franz, assignor.)
 Ormond, James B., Flagstaff, Ariz. Combination desk calendar and card-index tray or file. 1,641,600; Sept. 6.
 Osborne, Albert E. (See Pitter, Walter C., assignor.)
 Osgood, Charles F., Claremont, N. H., assignor to Sullivan Machinery Company. Rock-drilling mechanism. 1,641,451; Sept. 6.
 Osgood, George H., Tacoma, Wash. Driven pressure bar for veneer machines. 1,641,452; Sept. 6.
 Ostline, John E., assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill. Service observing equipment for telephone systems. 1,641,453; Sept. 6.
 Oswald, Alfred E., Hackensack, N. J., assignor to Underwood Typewriter Company, New York, N. Y. Electric motor. 1,641,548; Sept. 6.
 Outlook Manufacturing Company, The. (See Lippert, Samuel, assignor.)
 Overton, John H., Trenton, N. J. Spraying device. 1,641,778; Sept. 6.
 Owens Bottle Company, The. (See La France, Richard, assignor.)
 Pace, James H., Scottdale, Ga. Controlling device for motor vehicles. 1,641,779; Sept. 6.
 Pacific Burt Company. (See Brown, Horace P., assignor.)
 Page, John H., Detroit, Mich. Wall clock. Des. 73,414; Sept. 6.
 Palace Poultry Car Company. (See Edgerton, Israel V., assignor.)
 Pangborn, Redmond H., Tacoma, Wash., assignor of one-fourth to A. P. H. Hudson and one-fourth to R. S. Hudson. Conveyor chain. 1,641,642; Sept. 6.
 Paraffine Companies, The. (See Finley, Dozier, assignor.)
 Paridon, Michael, Barberton, Ohio, assignor to The Diamond Match Company, Chicago, Ill. Mechanism for dipping match splints. 1,641,193; Sept. 6.
 Parker, Harry J., assignor of one-fourth to K. Tritschler, San Francisco, Calif. Extractor. 1,641,780; Sept. 6.
 Parsons, Edward T., Upper Montclair, N. J., assignor to Thomson Machine Company. Leaf creasing and cutting apparatus. 1,641,781; Sept. 6.
 Parsons, William H., Middletown, Conn. Ore-feeding apparatus. 1,641,863; Sept. 6.
 Paty, John G., St. Louis, Mo. Indicating instrument. 1,641,454; Sept. 6.
 Paul, Frederick W., Minneapolis, Minn. Method of and device for mounting thermometers. 1,641,500; Sept. 6.
 Paul, William L., Berkeley, Calif., assignor to Deere & Company, Moline, Ill. Mounting for disks. 1,641,688; Sept. 6.
 Paul, Frederick. (See Fall, C., and Paul.)
 Paulus, Charles L., and R. Kauch, Dayton, Ohio. Message carrier. 1,641,549; Sept. 6.
 Pentafallo, Antonio, Hollidaysburg, Pa. Rubber heel. 1,641,826; Sept. 6.
 Peplin, Joseph N., Chicago, Ill. Phonograph. 1,641,291; Sept. 6.
 Perry, Donald B., Yonkers, N. Y., assignor to American Telephone and Telegraph Company. Printing-telegraph-exchange system. 1,641,290; Sept. 6.
 Petersen, Christian, Sioux City, Iowa. Repairing over-shoe heels. 1,641,689; Sept. 6.
 Petersen, Wilhelm H., Ludvika, assignor to Allmanna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Quick-acting mechanism for time relays. 1,641,643; Sept. 6.
 Phillips, Edgar J., et al., executors. (See Kraft, Henry P.)
 Pich, Theodore A., and G. Heer, San Jose, Calif. Tool. 1,641,824; Sept. 6.
 Pierce, Walter H., Watertown, assignor to Carr Fastener Company, Cambridge, Mass. Fastener. 1,641,901; Sept. 6.

Piscator, Robert C., Indianapolis, Ind., assignor to Quality Plating and Manufacturing Company. Switch-clamp bracket. 1,641,690; Sept. 6.
 Pitter, Walter C., Eltham, England, assignor to A. E. Osborne Transmission gearing. 1,641,902; Sept. 6.
 Pittman, Wilmer T., Hampton, Va. Vehicle lamp casing or article of similar nature. Des. 73,415; Sept. 6.
 Pittsburgh Transformer Company. (See Binyag, Robert V., assignor.)
 Pittsburgh Transformer Company. (See Horelick, Samuel, assignor.)
 Pittsburgh Transformer Company. (See Roberts, Clifford A., assignor.)
 Placke, William. (See Shaffer, Frank E., assignor.)
 Planchon, Victor, Lyon, France. Manufacture of nitrated cellulose from wood pulp. 1,641,292; Sept. 6.
 Pohl, Robert, Berlin, Germany, assignor to General Electric Company. Protective system for power-plant installations. 1,641,691; Sept. 6.
 Post, Lewis B., S. V. Lyon, and L. Blumenfeld, Bradford, Pa. Pump. 1,641,501; Sept. 6.
 Powell, William H., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Dynamo-electric machine and winding therefor. 1,641,644; Sept. 6.
 Powell, Winfred T., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Automatic telephone system. 1,641,232; Sept. 6.
 Powell, Winfred T., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Telephone system. 1,641,233; Sept. 6.
 Powell, Winfred T., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Manual telephone system. 1,641,234; Sept. 6.
 Powell, Winfred T., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Manual telephone system. 1,641,235; Sept. 6.
 Powell, Winfred T., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Automatic telephone system. 1,641,236; Sept. 6.
 Pratt, Ross H., Washington, D. C. Variable-speed transmission. 1,641,692; Sept. 6.
 Premier Warm Air Heater Company. (See Kundee, Albert H., assignor.)
 Price, David R., Lynn, and F. H. Bowman, Swampscott, Mass., assignor to General Electric Company. Synchroscope. 1,641,693; Sept. 6.
 Price, Leonard G., Modesto, Calif. Combination bumper, luggage carrier, and trailer hitch attachment. 1,641,502; Sept. 6.
 Pritchard, George L., and H. Henderson, Port Arthur, Tex., assignors to Gulf Refining Company, Pittsburgh, Pa. Method of and apparatus for condensing aluminum chloride. 1,641,503; Sept. 6.
 Prouditt Loose Leaf Co. (See Prouditt, W. S., and Graf, assignors.)
 Prouditt, William S., Walker Township, Kent County, and E. F. Graf, Grand Rapids, Mich., assignors to Prouditt Loose Leaf Co. Loose-leaf binder. 1,641,397; Sept. 6.
 Prull, Jerome B., Temple, Tex. Drifting valve. 1,641,864; Sept. 6.
 Quality Plating and Manufacturing Company. (See Piscator, Robert C., assignor.)
 Quatman, George R., Sidney, Ohio. Waffle iron. 1,641,455; Sept. 6.
 Rabalais, Malo J., Hesser, La. Brush. 1,641,865; Sept. 6.
 Rail Joint Company, The. (See Disbrow, Clarkson A., assignor.)
 Rain, John, Shawnee, Okla. Oil cellar. 1,641,601; Sept. 6.
 Randall, Purdy M., assignor, by mesne assignments, to F. C. Briggs, trustee, New York, N. Y. Commutator. 1,641,194; Sept. 6.
 Ray, George M., Newton Center, Mass. Making shoes. 1,641,782; Sept. 6.
 Raynor, John S., Philadelphia, Pa. Plaster-board-fastening means. 1,641,903; Sept. 6.
 Redirected Light Corporation of America. (See Whalen, Edward J., assignor.)
 Reece, Joseph A., assignor to The Libbey-Owens Sheet Glass Company, Toledo, Ohio. Method and apparatus for making wire glass. 1,641,932; Sept. 6.
 Regan Safety Devices Company, The. (See Shaver, Archibald G., assignor.)
 Regan, William J., assignor to The McConway & Torley Company, Pittsburgh, Pa. Draft gear. 1,641,456; Sept. 6.
 Reid, Frederick M., assignor to Fruehauf Trailer Company, Detroit, Mich. Locking device for semitrailers. 1,641,354; Sept. 6.
 Remington Rand, Inc. (See Watters, L. A., and Lloyd, assignors.)
 Reynolds, George A., Syracuse, N. Y. Exercising apparatus. 1,641,355; Sept. 6.
 Reynolds Spring Company. (See He, William, assignor.)
 Reynolds, Sydney W. (See Bainbridge, G. K., and Reynolds.)
 Reynolds, William H. (See Trullinger, H. A., and Reynolds.)
 Rheinische Metallwaren- und Maschinenfabrik. (See Berk, Richard, assignor.)
 Rial, Samuel B., Tempe, Ariz. Fan. 1,641,904; Sept. 6.
 Richards, Albert. (See Browning, George, assignor.)
 Richards, Samuel G., Des Moines, Iowa. Signal device for vehicles. 1,641,504; Sept. 6.
 Richardson, Horatio A. (See Fontaine, R. A., and Self, assignors.)
 Richardson, Rodney G., assignor to Automatic Electric Inc., Chicago, Ill. Trunking arrangement for automatic telephone systems. 1,641,933; Sept. 6.
 Ringler, William A., Philadelphia, Pa., assignor to The Globe-Wernicke Co. Visible index. 1,641,293; Sept. 6.
 Roach, Thomas W., Seattle, Wash. Oil burner. 1,641,356; Sept. 6.
 Roberts and Schaefer Company. (See Arms, Ray W., assignor.)
 Roberts, Chester J., Milwaukee, assignor to Northern Paper Mills, Green Bay, Wis. Core-tube cutter. 1,641,866; Sept. 6.
 Roberts, Clifford A., Pittsburgh, Pa., assignor to Pittsburgh Transformer Company. Tap changer. 1,641,294; Sept. 6.
 Roberts, Owen W. (See Spencer, C. E., and Roberts.)
 Roberts, Theodore C., assignor, by mesne assignments, to Dictaphone Corporation, New York, N. Y. Supporting vibratory structures. 1,641,602; Sept. 6.
 Roberts, William T. B., Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for shaping uppers over lasts. 1,641,237; Sept. 6.
 Rockefeller, John W., jr., assignor to John Chatillon & Sons, New York, N. Y. Scale. 1,641,603; Sept. 6.
 Romanowicz, Johann. (See Romanowicz, Marian and J.)
 Romanowicz, Marian and J., Vienna, Austria. Photographic film or plate pack. 1,641,867; Sept. 6.
 Rome Radiation Company. (See Hart, Austin H., assignor.)
 Romer, Charles, Newark, N. J. Tire-inflating means. 1,641,457; Sept. 6.
 Roots, P. H. & F. M. Company, The. (See Euyart, Ralph C., assignor.)
 Rosenheim Co. Inc. (See Jeyes, Percival W., assignor.)
 Ross, Ernest. (See Farrand, C. L., and Ross.)
 Ross, Hugh M., Woodhaver, assignor to Adriance Machine Works, Inc., Brooklyn, N. Y. Bottle-filling machine. 1,641,550; Sept. 6.
 Rothschild, Louis, Philadelphia, Pa., and E. G. Clements, Washington, D. C. Dispensing apparatus and means for operating same. 1,641,783; Sept. 6.
 Rottum, Charles. (See Stonequist, L. W., Rottum, and Stonequist.)
 Roucka, Erich, Blansko, Czechoslovakia. Measuring system. 1,641,195; Sept. 6.
 Roucka, Erich, Blansko, Czechoslovakia. Measuring system. 1,641,196; Sept. 6.
 Roucka, Erich, Blansko, Czechoslovakia. System for transmitting variable conditions. 1,641,197; Sept. 6.
 Roucka, Erich, Blansko, Czechoslovakia. System for transmitting variable conditions. 1,641,198; Sept. 6.
 Roucka, Erich, Blansko, Czechoslovakia. Recording system. 1,641,199; Sept. 6.
 Roucka, Erich, Blansko, Czechoslovakia. System of measuring by impulses of auxiliary energy. 1,641,200; Sept. 6.
 Routin, Joseph, et al. (See Schneider, Eugene, assignor.)
 Rowell, E. N. Co. (See Fisher, Charles T., assignor.)
 Rowley, Arthur C., assignor to Globe Automatic Sprinkler Company, Philadelphia, Pa. Alarm mechanism. 1,641,827; Sept. 6.
 Rudberg, Emil, assignor of one-third to K. W. Bergman and one-sixth to A. J. Franson, Duluth, Minn. Storm-sash fastener. 1,641,551; Sept. 6.
 Ruddick, John J., West Newton, Mass., assignor to General Street Signal Corporation, Rochester, N. Y. Traffic-signaling system. 1,641,694; Sept. 6.
 Ruppel, Sigwart, Frankfurt-on-the-Main, Germany. Automatic excess current switch with electro-magnetic and thermal release. 1,641,201; Sept. 6.
 Ruppel, Sigwart, Frankfurt-on-the-Main, Germany. Interrupter for electric circuits. 1,641,202; Sept. 6.
 Russ Manufacturing Company, The. (See Joslin, C. T., and Klotz, assignors.)
 Russell, James M., Dayton, Ohio. Solder iron. 1,641,604; Sept. 6.
 Russell, Jesse E. S., Los Angeles, Calif. Laundry carrier. 1,641,458; Sept. 6.
 Rutherford, Walter, et al. (See Geake, William H. G., assignor.)
 Safr, Leo C., New York, N. Y. Bath robe-package. 1,641,552; Sept. 6.
 Sager, Leo R., and R. H. Mitchell, Minneapolis, Minn. Piece feeder for flatwork ironers. 1,641,784; Sept. 6.
 Sandin, David A., assignor to W. H. Denbener, St. Paul, Minn. Decorating device for automatic bag machine. 1,641,828; Sept. 6.
 Sangren, Harry A., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 1,641,785; Sept. 6.
 Sanitarium and Hospital Equipment Company. (See Goodrich, Norris E., assignor.)
 Santerre, Arthur, Los Angeles, Calif. Upedging and collapsing portable bed. 1,641,459; Sept. 6.
 Sapp, George E. (See Howell, J. E., and Sapp.)
 Savery, Benjamin F., Dexter, Mich. Automobile headlight switch. 1,641,905; Sept. 6.
 Savidge, Albert C., Indianapolis, Ind. Valve seat reamer. 1,641,868; Sept. 6.

Sayre, Duane G., Meadville, Pa. Plaster-cast saw. 1,641,505; Sept. 6.
 Schacht, William F., Huntington, Ind. Game apparatus. 1,641,786; Sept. 6.
 Schaffer, Charles F., Oakley, Kans. Pump jack. 1,641,460; Sept. 6.
 Schemmel, Frank P., San Jose, Calif. Facing tiles. 1,641,553; Sept. 6.
 Schierenbeck, John, Albany, N. Y. Egg-marking device. 1,641,238; Sept. 6.
 Schmidt, Benjamin F., and T. D. Heyl, Los Angeles, Calif. Car mover. 1,641,398; Sept. 6.
 Schmidt, Franz, Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Hydraulic nozzle. 1,641,695; Sept. 6.
 Schmuck, Philip A., Tulsa, Okla. Swivel rope socket. 1,641,696; Sept. 6.
 Schneider & Cie., et al. (See Schneider, Eugene, assignor.)
 Schneider, Eugene, assignor to Schneider & Cie. and J. L. Routin, Paris, France. Apparatus for controlling the firing against aerial objectives. 1,641,734; Sept. 6.
 Schnell, Julius L., Arlington, N. J. Pen clip or similar article. Des. 73,416; Sept. 6.
 Scholler, Heinrich. (See Meiler, L., and Scholler.)
 Schroeder, Rudolph W., Chicago, Ill. Fuel consumption indicator. 1,641,295; Sept. 6.
 Seordamaglia, Frank, Brooklyn, N. Y. Electric-fuse indicator. 1,641,203; Sept. 6.
 Scott and Williams, Inc. (See Scott, Robert W., assignor.)
 Scott, Fletcher, Memphis, Tenn. Price-tag supporting means. 1,641,697; Sept. 6.
 Scott, Floyd L., assignor to Hughes Tool Company, Houston, Tex. Load indicator. 1,641,296; Sept. 6.
 Scott, Robert W., Babylon, assignor to Scott and Williams, Inc., New York, N. Y. Ribbed fabric hosiery knitting machine. 1,641,554; Sept. 6.
 Scully, John T., New York, N. Y. Recording and reproducing apparatus. 1,641,947; Sept. 6.
 Sebring Manufacturing Corporation. (See Lewis, William N., assignor.)
 Seely, Glenn H., Akron, Ohio. System for control of boilers or the like. 1,641,934; Sept. 6.
 Seltz, Alex. (See Gall, George E., assignor.)
 Self, Thomas H. (See Fontaine, R. A., and Self.)
 Severson, Myron L., Passaic, N. J. Furnace. 1,641,869; Sept. 6.
 Shaffer, Frank E., assignor of one-half to W. Placke, St. Libory, Nebr. Automobile light plug. 1,641,870; Sept. 6.
 Shankweiler, Earl A., Allentown, Pa. Loud speaker. 1,641,605; Sept. 6.
 Shattuck, William P., Minneapolis, Minn. Clothes wringer. 1,641,204; Sept. 6.
 Shaver, Archibald G., Chicago, Ill., assignor to The Regan Safety Devices Company, Inc., New York, N. Y. Speed circuit controller. 1,641,461; Sept. 6.
 Shaw, Ernest C., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Packer. 1,641,698; Sept. 6.
 Sheaffer, Craig R. (See Sheaffer, Walter A. and C. R.)
 Sheaffer, W. A., Pen Company. (See Fremont, J. A., and De Haven, assignors.)
 Sheaffer, W. A., Pen Co. (See Hammons, Frederick D., assignor.)
 Sheaffer, Walter A. and C. R., Fort Madison, Iowa. Combined fountain-pen rack and paper weight. 1,641,829; Sept. 6.
 Shearer, Thomas M., De Land, Fla. Carpenter's combination tool. 1,641,831; Sept. 6.
 Shelton, William G., St. Louis, Mo. Hair-curling device. 1,641,205; Sept. 6.
 Shimada, Minokichi, Ebara-Gun, Tokyo-Fu, Japan. Typewriter. 1,641,297; Sept. 6.
 Shook, Lawrence G., Los Angeles, Calif. Bearing-hip remover. 1,641,555; Sept. 6.
 Siefert, Chester J., assignor to Willamette Iron & Steel Works, Portland, Oreg. Cable-block system. 1,641,298; Sept. 6.
 Silverstein, Oscar. (See Van Valkenberg, Eber H., assignor.)
 Simonds Saw and Steel Company. (See Giles, Theodore E., assignor.)
 Simpson, Robert W., et al. (See White, Phillip A., assignor.)
 Sinclair Refining Company. (See Bell, J. E., and Isom, assignors.)
 Skinner, Edward B., Flint, Mich. Combined costumer and wardrobe. 1,641,832; Sept. 6.
 Skolnik, Max, assignor to The Skolnik Patents, Incorporated, Minneapolis, Minn. Power plane. 1,641,645; Sept. 6.
 Skolnik, Max, assignor to Skolnik Patents, Incorporated, Minneapolis, Minn. Woodworking apparatus. 1,641,646; Sept. 6.
 Skolnik Patents, Incorporated. (See Skolnik, Max, assignor.)
 Slater, Fred M., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Pneumatic tool. 1,641,357; Sept. 6.
 Smith, Carl L., Hood River, Oreg. Orchard ladder. 1,641,906; Sept. 6.

Smith, Eggleston, Sioux City, Iowa, assignor to Eggleston Drilling Corporation. Well-drilling apparatus. 1,641,206; Sept. 6.
 Smith, George A. (See Lewington, G. A. R., and Smith.)
 Smith, Paul, Dayton, Ohio. Oil cup. 1,641,806; Sept. 6.
 Smith, Ralston R., Oakland, Calif. Ice-shaving machine. 1,641,689; Sept. 6.
 Smith, William D., New Orleans, La., assignor to the Government and the People of the United States of America. Limit switch. 1,641,647; Sept. 6.
 Smurr, Samuel P., assignor of one-half to H. A. Hulse, Chicago, Ill. Fire door. 1,641,506; Sept. 6.
 Smyser, Clyde N., Wichita, Kans. Refreshment-serving rack. 1,641,358; Sept. 6.
 Solomon, Samuel, New York, N. Y. Brief case. 1,641,871; Sept. 6.
 Sommer, J. L., Manufacturing Co. (See Sommer, J. L., and Biehl, assignors.)
 Sommer, John L., and B. Biehl, sr., Newark, N. J., assignors to J. L. Sommer Manufacturing Co. Shoe-tree. 1,641,935; Sept. 6.
 Soraclo, Carmelo, Boston, Mass. Oil cleaner and rectifier. 1,641,239; Sept. 6.
 Sorensen, Henry, San Francisco, Calif. Fireproof building. 1,641,556; Sept. 6.
 Sorensen, Sam., Houston, Tex. Rail anchor plate. 1,641,299; Sept. 6.
 Southwell, Raymond J., New Rochelle, assignor to Wickwire Spencer Steel Company, New York, N. Y. Composite wire lath. 1,641,872; Sept. 6.
 Spatz, Karl C., Little Rock, Ark. Toy aeroplane. 1,641,607; Sept. 6.
 Speer, Alexander S., Chicago, Ill., assignor, by mesne assignments, to United States Gypsum Company. Plaster board. 1,641,648; Sept. 6.
 Spencer, Charles E., Chicago, and O. W. Roberts, Oak Park, assignors to Casement Hardware Co., Chicago, Ill. Casement-window operator. Des. 73,417; Sept. 6.
 Spencer, Charles E., Chicago, and O. W. Roberts, Oak Park, assignors to Casement Hardware Co., Chicago, Ill. Casement-window adjuster. 1,641,649; Sept. 6.
 Spencer, Frank C., Oak Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Material-distributing device. 1,641,300; Sept. 6.
 Sperry, Elmer A., Brooklyn, N. Y. Searchlight cooling and ventilating means. 1,641,301; Sept. 6.
 Sperry, Lawrence B., deceased, Farmingdale, N. Y.; The Bank of America, New York, and W. A. Sperry, Hempstead, N. Y., executors, assignors to W. A. Sperry. Aircraft. 1,641,700; Sept. 6.
 Sperry, Winifred A. (See Sperry, Lawrence B., assignor.)
 Sperry, Winifred A., et al., executors. (See Sperry, Lawrence B.)
 Spivak, George, San Francisco, Calif. Glove and manufacturing same. 1,641,701; Sept. 6.
 Springfield Mfg. Co., The. (See Brandes, P. H., and Adams, assignors.)
 Sprong, Severn D., Brooklyn, N. Y., assignor to General Electric Company. Cooling transformers. 1,641,702; Sept. 6.
 Squier, George O., Washington, D. C., J. O. Mauborgne, Chicago, Ill., and L. Cohen, Washington, D. C. Electrical signaling. 1,641,608; Sept. 6.
 Stage, Clarence L., Rockford, Ill. Hand stamp. 1,641,507; Sept. 6.
 Standard Oil Company. (See Brinker, Jesse E., assignor.)
 Stanton, Wolcott P., Berkeley, Calif. Concrete conveying and distributing cart. 1,641,703; Sept. 6.
 Star, Richard, Brooklyn, N. Y. Ship's log. 1,641,907; Sept. 6.
 Stark, Vester, Fairfield, Iowa. Gambrel. 1,641,508; Sept. 6.
 Stechbart, Bruno, assignor to Bodine Electric Company, Chicago, Ill. Starting means for induction motors. 1,641,908; Sept. 6.
 Steen, Charles W., Norwood, Ohio, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Alternating-current motor. 1,641,704; Sept. 6.
 Steffens, Hans R. A. (See Arutz, Svend A., assignor.)
 Stelmke, Walter H. (See Jett, George C., assignor.)
 Stellmach, Paul, Brooklyn, N. Y. Paper fastener. 1,641,936; Sept. 6.
 Stern, Isidore, New York, N. Y. Denture attachment. 1,641,557; Sept. 6.
 Steuwer, Antonie K., Memphis, Tenn. Garment holder. 1,641,705; Sept. 6.
 Stewart, Alfred C., Pasadena, Calif. Rotary pump. 1,641,509; Sept. 6.
 Stewart, Claudius. (See Thomas A., and Stewart.)
 Stickney, Burnham C., Rutherford, N. J. Internal-combustion engine. 1,641,787; Sept. 6.
 Stigum, Chesley E., Marshall, Okla. Rim. 1,641,309; Sept. 6.
 Stockholder, John H., New Orleans, La. Float-controlled valve. 1,641,240; Sept. 6.
 Stohlgren, Carl O., Rockton, Ill. Button-making machine. 1,641,462; Sept. 6.
 Stoller, Hugh M., Mountain Lakes, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Dynamo-electric machine. 1,641,359; Sept. 6.
 Stonequist, Arthur J. (See Stonequist, L. W., Rottum, and Stonequist.)

Stonequist, Lawrence W., C. Rottum, and A. J. Stonequist, Chicago, Ill. Advertising device. 1,641,609; Sept. 6.
 Strandlund, Carl G., assignor to Deere & Company, Moline, Ill. Wheeled plow. 1,641,706; Sept. 6.
 Strasser, Albert, Rorschach, Switzerland. Manufacture of lead electrode for accumulators. 1,641,241; Sept. 6.
 Streep, Bert C., Normal, Ill. Cymbal holder for drums. 1,641,558; Sept. 6.
 Strigl, Karl J., New York, N. Y. Roundabout. 1,641,707; Sept. 6.
 Strite, George T., Minneapolis, Minn., assignor of one-third to H. W. Bolens, Port Washington, and one-third to P. D. Durant, Milwaukee, Wis. Cultivating means. 1,641,207; Sept. 6.
 Stromberg-Carlson Telephone Manufacturing Company, The. (See Lewis, John H., Jr., assignor.)
 Stromberg-Carlson Telephone Manufacturing Company, The. (See Powell, Winfred T., assignor.)
 Strong, Henry, Ukiah, Calif. Rotary air compressor. 1,641,833; Sept. 6.
 Stump, Daniel M., assignor to The Albert Dickinson Company, Chicago, Ill. Closure for culture containers. 1,641,400; Sept. 6.
 Sullivan Machinery Company. (See Holmes, Morris P., assignor.)
 Sullivan Machinery Company. (See Officer, Charles B., assignor.)
 Sullivan Machinery Company. (See Osgood, Charles F., assignor.)
 Sulzer, Albert F., assignor to Eastman Kodak Company, Rochester, N. Y. Lessening curling tendencies of photographic films. 1,641,401; Sept. 6.
 Sundborg, Axel, Sacramento, Calif. Combination step plate and luggage carrier. 1,641,510; Sept. 6.
 Sundstedt, Hugo, New York, N. Y. Air-propelled barge. 1,641,937; Sept. 6.
 Sun Rise Lamp Mfg. Co. (See Zweig, Louis, assignor.)
 Swartwout, Everett W., White Plains, N. Y. Regenerator engine. 1,641,830; Sept. 6.
 Swaser, George T., Raymond, Wash. Penholder. 1,641,511; Sept. 6.
 Symington, Scott, Passaic, N. J. Separation of solids from liquids. 1,641,708; Sept. 6.
 Tahan, Tofic A., Union City, N. J. Lug-strap support. 1,641,873; Sept. 6.
 Tam, William D., Jackson, Calif. Combination packing and display box. 1,641,709; Sept. 6.
 Te Aroha Dairy Company Limited, The. (See Murray, Henry L., assignor.)
 Technicolor Motion Picture Corporation. (See Ball, Joseph A., assignor.)
 Technicolor Motion Picture Corporation. (See Comstock, Daniel F., assignor.)
 Therrien, A. J., & Co. (See Therrien, Adelard J., assignor.)
 Therrien, Adelard J., assignor to A. J. Therrien & Co., Inc., Lynn, Mass. Pattern holder for grading machines. 1,641,302; Sept. 6.
 Thienemann, Heinz. (See Lueg, P., Drucker, and Thienemann.)
 Thomas, Albert, and C. Stewart, Paris, France, assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill. Automatic telephone system. 1,641,788; Sept. 6.
 Thomas, R., & Sons Company, The. (See Kauffman, Abram E., assignor.)
 Thomas, William D., Philadelphia, Pa. Resilient automobile wheel. 1,641,909; Sept. 6.
 Thompson, Howard A., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway-traffic-controlling apparatus. 1,641,789; Sept. 6.
 Thompson Products Inc. (See Hufford, George H., assignor.)
 Thompson, Walter V., Los Angeles, Calif. Hose band. 1,641,559; Sept. 6.
 Thompson, William D., assignor, by mesne assignments, to Hutchins Car Roofing Company, Detroit, Mich. Car-wall construction. 1,641,208; Sept. 6.
 Thomson Machine Company. (See Parsons, Edward T., assignor.)
 Thorpe, Joseph M., San Francisco, Calif. Furring nail. 1,641,303; Sept. 6.
 Tillyer, Edgar D., assignor to American Optical Company, Southbridge, Mass. Multifocal lens. 1,641,790; Sept. 6.
 Timken-Detroit Axle Company, The. (See Morgan, Matthew B., assignor.)
 Titusville Forge Company. (See Montgomery, Gustavus A., assignor.)
 Tone, Frank J., assignor to The Carborundum Company, Niagara Falls, N. Y. Grinding wheel and holder therefor. 1,641,791; Sept. 6.
 Tratsch, Walter A., Chicago, Ill. Coin chute. 1,641,304; Sept. 6.
 Traut, Frederick A., Buffalo, N. Y. Trap for conductor pipes. 1,641,938; Sept. 6.
 Trent Process Corporation. (See Trent, Walter E., assignor.)
 Trent, Walter E., assignor to Trent Process Corporation, Washington, D. C. Distilling oil in presence of comminuted carbonaceous fuel. 1,641,305; Sept. 6.
 Treco Company. (See Metz, Samuel T., assignor.)
 Trico Products Corporation. (See Malouf, Beshara I., assignor.)
 Tritschler, Karl. (See Parker, Harry J., assignor.)

Trotter, Lester E., Augusta, Kans. Pneumatic tire. 1,641,792; Sept. 6.
 Truehauf Trailer Company. (See Reid, Frederick M., assignor.)
 Trullinger, Herbert A., and W. H. Reynolds, Clackamas County, Oreg. Nest. 1,641,610; Sept. 6.
 Tschudi, Traugott, New York, N. Y. Rotary engine. 1,641,911; Sept. 6.
 Underwood Typewriter Company. (See Kurowski, Alfred G. F., assignor.)
 Underwood Typewriter Company. (See Oswald, Alfred E., assignor.)
 Union Switch & Signal Company, The. (See Lewis, Lloyd V., assignor.)
 Union Switch & Signal Company, The. (See Little, Edwin G., assignor.)
 Union Switch & Signal Company, The. (See Thompson, Howard A., assignor.)
 Union Switch & Signal Company, The. (See Zierdt, Conrad H., assignor.)
 Union Taxi Owners Association. (See Gerson, Meyer I., assignor.)
 United Shoe Machinery Corporation. (See Roberts, William T. B., assignor.)
 United States Gypsum Company. (See Armstrong, Morgan K., assignor.)
 United States Gypsum Company. (See Speer, Alexander S., assignor.)
 Untiedt, Frederick H., Washington, D. C. Preparing glycols. 1,641,710; Sept. 6.
 Urban, Franz, Berlin-Steglitz, assignor to the Firm of Optische Anstalt C. P. Goerz Aktiengesellschaft, Friedland, near Berlin, Germany. Spherically, chromatically, and astigmatically corrected three-lens cemented objective. 1,641,402; Sept. 6.
 Utensils Company. (See Brown, Thomas N., assignor.)
 Utz, John G., Detroit, Mich. Motor-vehicle construction. 1,641,242; Sept. 6.
 Van Derhoef, Henry E., assignor to Eastman Kodak Company, Rochester, N. Y. Process and apparatus for uniting strips of material. 1,641,403; Sept. 6.
 Van Hecke, Charles E., Stevens Point, Wis. Manhole frame, cover, and hydrant-holding assemblage. 1,641,512; Sept. 6.
 Van Valkenberg, Eber H., McKeesport, Pa., assignor of one-half to O. Silverstein, Spokane, Wash. Engine mounting for aeroplanes. 1,641,306; Sept. 6.
 Van Valkenburgh, Richard M., assignor to Irving-Pitt Manufacturing Company, Kansas City, Mo. Loose-leaf binder. 1,641,711; Sept. 6.
 Vauraud, André, Geneva, Switzerland. Mechanical fuse for artillery projectiles. 1,641,939; Sept. 6.
 Velepec, Rudolph J., assignor to Haines Manufacturing Corporation, Rochester, N. Y. Screw driver. 1,641,307; Sept. 6.
 Von Gizinsky, Casimir, Schenectady, N. Y. Automobile signal. 1,641,910; Sept. 6.
 Vulcan Last Company, The. (See Clausing, George, assignor.)
 Wagenhorst, James H., Jackson, Mich. Cabinet for arc lamps. 1,641,308; Sept. 6.
 Walker, David D. (See Alkens, Thomas N., assignor.)
 Walker, Gus, Huntington, W. Va. Brake. 1,641,912; Sept. 6.
 Walker, Milton H., Newark, N. J. Toilet kit. 1,641,650; Sept. 6.
 Walker, William M., assignor of one-half to J. Erickson, Seattle, Wash. Plastic-concrete-delivery vehicle. 1,641,913; Sept. 6.
 Wallace, Hugh. (See Fitzsimmons, J. T., and Wallace.)
 Wallace, Robert L., Los Angeles, Calif. Means to prevent reverse rotation of a rotary member. 1,641,860; Sept. 6.
 Wallace, Robert L., Los Angeles, Calif. Means to prevent reverse rotation of rotary members. 1,641,463; Sept. 6.
 Wallace, Robert L., Los Angeles, Calif. Means to prevent reverse rotation of rotary members. 1,641,464; Sept. 6.
 Wallace, William T., Webster Groves, Mo. Toy. 1,641,209; Sept. 6.
 Walter, Robert C., assignor to Dodge Brothers, Inc., Detroit, Mich. Door-opening mechanism. 1,641,210; Sept. 6.
 Warren, Joseph A., Mount Vernon, assignor to Dubilier Condenser Corporation, New York, N. Y. Supporting means for electrical device. 1,641,513; Sept. 6.
 Warth, Albin H., assignor to The Crown Cork & Seal Company of Baltimore City, Baltimore, Md. Apparatus for gas treating articles. 1,641,712; Sept. 6.
 Washington, Irene M., Brooklyn, N. Y. Concrete plaque and making same. 1,641,404; Sept. 6.
 Watson, Charles W., St. Kilda, Victoria, Australia. Hollow structure of plastic material and producing the same centrifugally. 1,641,793; Sept. 6.
 Watters, Luther A., and S. F. Lloyd, St. Louis, Mo., assignors, by mesne assignments, to Remington Rand, Inc., Tonawanda, N. Y. Selecting apparatus. 1,641,713; Sept. 6.
 Weber, Edith L., Miami, Fla. Hand bag. Des. 73,419; Sept. 6.
 Weber, Walter S., assignor to Wm. H. Luden, Inc., Reading, Pa. Carton-closing mechanism. 1,641,794; Sept. 6.
 Weedon, Hugh H. (See Colley, George F., assignor.)
 Welland, William J., Indianapolis, Ind. Furnace radiator. 1,641,211; Sept. 6.

Weimer, Hugo W., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Shaft suspension. 1,641,715; Sept. 6.

Weingand, Richard. (See Czapek, E., and Weingand.)

Weiss, Frank L., Bronx, N. Y. Incandescent electric bulb. 1,641,465; Sept. 6.

Welles, Jesse C., Hemet, Calif. Walnut dehydrater. 1,641,716; Sept. 6.

Wellman-Seaver-Morgan Company, The. (See Case, Arthur F., assignor.)

Werner, George J., Tiffin, Ohio. Pump. 1,641,717; Sept. 6.

Werner, George W., Easton, Pa. Coin control for electric motor operated machines. 1,641,212; Sept. 6.

West, Cyrus S., Kendallville, Ind. Applying cement hardener and waterproofing to the main body and face of a concrete brick. 1,641,874; Sept. 6.

West Bend Aluminum Company. (See Kircher, Ralph N., assignor.)

Western Electric Company. (See Chylinski, Stanislas Z., assignor.)

Western Electric Company. (See Curtis, Austen M., assignor.)

Western Electric Company. (See Fay, Joseph W., assignor.)

Western Electric Company. (See Gabriel, John C., assignor.)

Western Electric Company. (See Graham, Frank H., assignor.)

Western Electric Company. (See Horton, Joseph W., assignor.)

Western Electric Company. (See Hubbard, Francis A., assignor.)

Western Electric Company. (See Huntington, Victor C., assignor.)

Western Electric Company. (See McGall, Phillip K., assignor.)

Western Electric Company. (See Miller, Daniel D., assignor.)

Western Electric Company. (See O'Neill, Henry W., assignor.)

Western Electric Company. (See Spencer, Frank C., assignor.)

Western Electric Company. (See Stoller, Hugh M., assignor.)

Whalen, Edward J., assignor to Redirected Light Corporation of America, Syracuse, N. Y. Headlight. 1,641,714; Sept. 6.

Whalen, James, assignor, by mesne assignments, to Delco-Remy Corporation, Dayton, Ohio. Abrading apparatus. 1,641,361; Sept. 6.

Whidden, Austin C., Lancaster, Calif. Valve-operating means. 1,641,560; Sept. 6.

Whidden, Austin C., Lancaster, Calif. Valve-operating means. 1,641,561; Sept. 6.

Whitaker, Morris M., Nyack, N. Y. Door knocker. Des. 73,240; Sept. 6.

White, Francis and H., Akron, Ohio. Controlling prime movers. 1,641,943; Sept. 6.

White, Harry. (See White, Francis and H.)

White, Phillip A., St. Albans, assignor of one-half to R. W. Simpson and one-half to E. A. Kemp, New York, N. Y. Vehicle wheel and brake drum structure. 1,641,309; Sept. 6.

White, William M., Milwaukee, Wis. Wearing plate for hydraulic machines. 1,641,362; Sept. 6.

White, William M., Milwaukee, Wis. Hydraulic turbine. 1,641,363; Sept. 6.

Whitlock, John W., Rising Sun, Ind. Variable-air condenser and coupling means therefor. 1,641,718; Sept. 6.

Whitridge, John C., assignor to The Buckeye Steel Castings Company, Columbus, Ohio. Car-truck spring. 1,641,719; Sept. 6.

Wickwire Spencer Steel Company. (See Southwell, Raymond J., assignor.)

Widmer, Henry A., London, England. Direction-indicating and warning device for motor road vehicles. 1,641,720; Sept. 6.

Wiehmer, Anton, Quincy, Ill. Step for bathtubs. 1,641,514; Sept. 6.

Wiz, Rudolph J., assignor to The Celite Company, Los Angeles, Calif. Material for use in cement compositions. Re16,732; Sept. 6.

Wilcott, Frederick G., and P. J. Morelli, San Quentin, Calif. Shaving brush. 1,641,721; Sept. 6.

Will, Jacob G., and C. F. McConnell, Chicago, Ill. Golf-ball marker. 1,641,562; Sept. 6.

Willamette Iron & Steel Works. (See Stefarrh, Chester J., assignor.)

Williams, Henry A., Murphysboro, Ill. Amusement device. 1,641,213; Sept. 6.

Williams, Percy Q., Cincinnati, Ohio. Leer-pan structure. 1,641,515; Sept. 6.

Wilson, Charles E., Anderson, Ind., assignor, by mesne assignments, to Delco-Remy Corporation, Dayton, Ohio. Induction coil. 1,641,364; Sept. 6.

Winchester Repeating Arms Company. (See Foisy, George A., assignor.)

Winden, Engebright A., Willmar, Minn. Manifold holder. 1,641,722; Sept. 6.

Window Glass Machine Company. (See Casselman, E. J., Griffith, and Johnson, assignors.)

Window Glass Machine Company. (See Clark, Henry F., assignor.)

Window Glass Machine Company. (See Monroe, William L., assignor.)

Winn, James P., Sutton Coldfield, England. Device for protecting the human ears. 1,641,214; Sept. 6.

Winter, Jess V., La Crosse, Wis. Decoy duck. 1,641,215; Sept. 6.

Wittcoff, Edward, St. Louis, Mo. Straw hat and making same. 1,641,310; Sept. 6.

Wittel, Otto, assignor to Eastman Kodak Company, Rochester, N. Y. Reel-holding structure for projectors. 1,641,405; Sept. 6.

Wochner, Henry, Rock Island, Ill. Axle gauge for automobiles. 1,641,243; Sept. 6.

Wood, Burton G., assignor to Ivanpah Lime and Chemical Company, Los Angeles, Calif. Manufacture of precipitated calcium carbonate. 1,641,563; Sept. 6.

Wood, Frank W., Montclair, N. J., assignor to Chas. Cory & Son, Incorporated, New York, N. Y. Synchronous clock system. 1,641,940; Sept. 6.

Wood Hydraulic Hoist and Body Company. (See Barrett, Edward R., assignor.)

Wood, Logan T., Detroit, Mich. Hoist device for dumping bodies. 1,641,365; Sept. 6.

Woodrow, Oliver B., Newton, Iowa. Wringer. 1,641,516; Sept. 6.

Woodruff, Christine H., Westfield, N. J. Plant protector. 1,641,244; Sept. 6.

Wright, Charles P., Akron, Ohio, assignor to The Diamond Match Company, Chicago, Ill. Match machine. 1,641,216; Sept. 6.

Wright, Stanton M. (See Wright, Walter L. and S. M.)

Wright, Walter L. and S. M., Los Angeles, Calif. Color motion-picture photography. 1,641,466; Sept. 6.

Wrighton, William J., assignor to American Optical Company, Southbridge, Mass. Watchmaker's loupe. 1,641,834; Sept. 6.

Wulf, Charles A., Indianapolis, Ind. Furnace-charging apparatus. 1,641,651; Sept. 6.

Wulf, Charles A., assignor to American Valve and Enameling Corporation, Indianapolis, Ind. Toilet-flushing mechanism. 1,641,652; Sept. 6.

Wurman, Harry P., Brooklyn, N. Y., assignor to Bayuk Cigars Incorporated, Philadelphia, Pa. Cigar-finishing device. 1,641,795; Sept. 6.

Yale & Towne Manufacturing Company, The. (See Ledlin, Charles, assignor.)

Yessalan, Alexander, assignor of one-half to S. Devrizzian, Chelsea, Mass. Cigarette holder. 1,641,517; Sept. 6.

Yevseyeff, George F., Windsor, Ontario, Canada. Shock absorber. 1,641,217; Sept. 6.

Yokel, Frank, Cleveland, Ohio, assignor to Markel Electric Products, Inc., Buffalo, N. Y. Wall plate for electric-light fixtures. Des. 73,418; Sept. 6.

Youtsey, Floyd S. (See Dresser, C. G., and Youtsey.)

Yuyama, Juzi, Omori, Japan, assignor to General Electric Company, measuring volt amperes. 1,641,654; Sept. 6.

Zabel, Charles, Corapolis, assignor, by mesne assignments, to McDowell Manufacturing Company, Millvale, Pa. Mechanical toy and making same. 1,641,653; Sept. 6.

Zierdt, Conrad H., Rosedale, Penn. Township, Allegheny County, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electroresponsive cell. 1,641,564; Sept. 6.

Zinn, David, New Hamburg, Ontario, Canada. Snow-plow. 1,641,723; Sept. 6.

Zip-on Mfg. Co. (See Hackmeyer, Clive E., assignor.)

Zweig, Louis, Brooklyn, N. Y., assignor to Sun Rise Lamp Mfg. Co., Inc. Table torché or analogous article. Des. 73,421; Sept. 6.

Zweig, Louis, Brooklyn, N. Y., assignor to Sun Rise Lamp Mfg. Co., Inc. Table lamp or analogous article. Des. 73,422; Sept. 6.

Zweig, Louis, Brooklyn, N. Y., assignor to Sun Rise Lamp Mfg. Co., Inc. Lamp or analogous article. Des. 73,423; Sept. 6.

ALPHABETICAL LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 6TH DAY OF SEPTEMBER, 1927.

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice). Includes patents, reissues, and designs.

Abrading apparatus. J. Whalen. 1,641,361; Sept. 6.

Advancing articles. Method of and apparatus for. V. C. Huntington. 1,641,276; Sept. 6.

Advertising device. H. M. Arns. 1,641,465; Sept. 6.

Advertising device. W. H. McDonald and F. E. Bessee. 1,641,684; Sept. 6.

Advertising device. L. W. Stonequist, C. Rottum, and A. J. Stonequist. 1,641,609; Sept. 6.

Aerial objectives. Apparatus for controlling the firing against. E. Schneider. Re16,734; Sept. 6.

Aeroplanes. Engine mounting for. E. H. Van Valkenberg. 1,641,306; Sept. 6.

Air-brake coupling. N. A. Christensen. 1,641,919; Sept. 6.

Air cleaner. F. A. Donaldson. 1,641,746; Sept. 6.

Air condenser and coupling means therefor. Variable. J. W. Whitlock. 1,641,718; Sept. 6.

Aircraft. L. B. Sperry. 1,641,709; Sept. 6.

Aircraft-motor-control system. W. H. Barling. 1,641,567; Sept. 6.

Airplanes. Brake for. C. R. Hull. 1,641,760; Sept. 6.

Airship. F. E. d'Humy. 1,641,323-4; Sept. 6.

Alarm. See—

Automatic alarm.

Alarm mechanism. A. C. Rowley. 1,641,827; Sept. 6.

Alcohol's. Manufacture of. R. B. MacMullin and R. E. Gogenheimer. 1,641,544; Sept. 6.

Aluminum chloride. Method of and apparatus for condensing. G. L. Prichard and H. Henderson. 1,641,503; Sept. 6.

Aluminum. Compound to solder. G. E. Gall. 1,641,422; Sept. 6.

Amplifier. Sound. J. B. Hawley. 1,641,630; Sept. 6.

Amusement device. H. A. Williams. 1,641,213; Sept. 6.

Anamorphous images. Producing. J. K. McNeely. 1,641,184; Sept. 6.

Appliance for removing facial defects. I. Bliss. 1,641,471; Sept. 6.

Arch support. Detachable. F. J. Gibbons. 1,641,886; Sept. 6.

Arranging and feeding articles. Apparatus for. Goebel and W. V. Derby. 1,641,972; Sept. 6.

Artillery projectiles. Mechanical fuse for. A. Varaud. 1,641,939; Sept. 6.

Ash gate. G. J. Oldroyd. 1,641,823; Sept. 6.

Assembling machine. J. M. Lobit. 1,641,542; Sept. 6.

Automatic alarm. J. W. Johnson. 1,641,278; Sept. 6.

Automobile body construction. K. L. Childs. 1,641,319; Sept. 6.

Automobile lock. O. S. Hershey. 1,641,811; Sept. 6.

Automobile safety signal. O. Fairless. 1,641,325; Sept. 6.

Automobile signal. C. Von Gizinsky. 1,641,910; Sept. 6.

Automobile wheel. Resilient. W. D. Thomas. 1,641,969; Sept. 6.

Automobiles. Axle gauge for. H. Wochner. 1,641,243; Sept. 6.

Automobiles. Vibration absorber for. H. R. Lloyd and J. W. Ellis. 1,641,856; Sept. 6.

Autotransformer. F. F. Brand. 1,641,659; Sept. 6.

Axle transmission. R. B. McCormick. 1,641,859; Sept. 6.

Badge. M. I. Gerson. Des. 73,403; Sept. 6.

Bag. See—

Traveling bag.

Bag machines. Decorating device for automatic. D. A. Sandlin. 1,641,828; Sept. 6.

Ball and making same. Playing. A. H. Adams. 1,641,144; Sept. 6.

Barge. Air-propelled. H. Sundstedt. 1,641,937; Sept. 6.

Barrier or fence against locusts. N. G. Murengo. 1,641,760; Sept. 6.

Bathtubs. Step for. A. Wiehmer. 1,641,514; Sept. 6.

Battery-charging system. J. H. Hunt. 1,641,386; Sept. 6.

Battery construction. Dry. E. E. Meisekothen. 1,641,685; Sept. 6.

Battery terminals. Puller for. H. J. Noack. 1,641,599; Sept. 6.

Bearing. C. P. Eisenhauer. 1,641,377; Sept. 6.

Bearing lip remover. L. G. Shook. 1,641,555; Sept. 6.

Bearing sleeves and bearings. Tool for removing and inserting. F. Meridan. 1,641,895; Sept. 6.

Bearings. Lubricating device for axle. G. Duffing. 1,641,417; Sept. 6.

Bed bottom. L. P. Armstrong. 1,641,836; Sept. 6.

Bed. Upedging and collapsing portable. A. Santerre. 1,641,459; Sept. 6.

Bin. See—

Service bin.

Binder. Loose-leaf. B. Couch. 1,641,662; Sept. 6.

Binder. Loose-leaf. W. S. Proudft and E. F. Graf. 1,641,397; Sept. 6.

Binder. Loose-leaf. R. M. Van Valkenburgh. 1,641,711; Sept. 6.

Bit. See—

Rotary drill bit.

Blades. Untling. P. C. Dimberg. 1,641,745; Sept. 6.

Board. See—

Plaster board.

Boat. Car speed. F. Chávez. 1,641,574; Sept. 6.

Boller. See—

Steam boller.

Boiler feed regulator. A. A. Atkins. 1,641,612; Sept. 6.

Boiler tube or flue cleaning implement. T. W. Dailey. 1,641,375; Sept. 6.

Boilers or the like. System for control of. G. H. Seely. 1,641,934; Sept. 6.

Boring machine. Earth. G. Genung. 1,641,926; Sept. 6.

Bottle-filling machine. H. M. Ross. 1,641,550; Sept. 6.

Bottle opener. A. O. Guerris. Des. 73,406; Sept. 6.

Bottles. Guard for poison. W. Moses. 1,641,897; Sept. 6.

Box. See—

Display box. Packing and display box.

Box and fish bowl. Flower. A. M. Kuhl. 1,641,496; Sept. 6.

Brace. See—

Cross brace.

Bracelet. P. W. Jones. 1,641,763; Sept. 6.

Bracelet. Link. C. H. Batchelder. 1,641,797; Sept. 6.

Bracelets. Extension device for. L. S. Chilson. 1,641,372; Sept. 6.

Bracket. See—

Switch-clamp bracket.

Brake. L. E. La Brie. 1,641,443; Sept. 6.

Brake. G. Walker. 1,641,912; Sept. 6.

Brake-beam safety bars. Mount for. T. L. Burton. 1,641,621; Sept. 6.

Bricklayer's gauge. L. J. Jardot. 1,641,854; Sept. 6.

Brickmaking plant. W. L. Hanley, Jr. 1,641,585; Sept. 6.

Brief case. S. Solomon. 1,641,871; Sept. 6.

Broomcorn. Treating. F. R. Lay. 1,641,174; Sept. 6.

Brush. M. J. Rabalais. 1,641,865; Sept. 6.

Brush. Shaving. F. G. Wilcott and P. J. Morelli. 1,641,721; Sept. 6.

Buckle. I. R. Lederer. Des. 73,409; Sept. 6.

Building clamp. D. J. M. Leck. 1,641,819; Sept. 6.

Building. Fireproof. H. Sorensen. 1,641,556; Sept. 6.

Building siding. Composition. W. A. Carter. 1,641,623; Sept. 6.

Bumper. W. G. Johnson. 1,641,225; Sept. 6.

Bumper. Luggage carrier, and trailer hitch attachment. Combination. L. G. Price. 1,641,502; Sept. 6.

Burner. See—

Gas burner. Self-feeding burner.

Oil burner.

Burner. P. C. Hughes. 1,641,275; Sept. 6.

Burner. F. A. Nieberding. 1,641,350; Sept. 6.

Bushing remover. Smith, Jr., and A. L. Glover. 1,641,754; Sept. 6.

Button-making machine. C. O. Stohlgren. 1,641,462; Sept. 6.

Cabinet. C. T. Fisher. 1,641,259; Sept. 6.

Cabinet for arc lamps. J. H. Wagenhorst. 1,641,308; Sept. 6.

Cable-block system. C. J. Stefarrh. 1,641,298; Sept. 6.

Calcium carbonate. Manufacture of precipitated. R. G. Wood. 1,641,563; Sept. 6.

Calculating machine. R. Berk. 1,641,615; Sept. 6.

Calendar and card-index tray or file. Combination desk. J. B. Ormond. 1,641,600; Sept. 6.

Campbor by means of a liquid catalyst. Manufacture of synthetic. L. and E. Darrasse and L. Dupont. 1,641,579; Sept. 6.

Can. See—

Tobacco can.

Can exhauster. J. F. Anderson. 1,641,367; Sept. 6.

Cans. Device for punching and plugging. E. O. Burns. 1,641,571; Sept. 6.

Candle and making same. Ornamented. J. E. Brinker. 1,641,729; Sept. 6.

Car couplers. Latch lifter for freight. C. Fall and F. Paull. 1,641,924; Sept. 6.

Car-coupling mechanism. E. George, jr. 1,641,424; Sept. 6.
 Car. Kilm. P. A. Meehan. 1,641,185-6; Sept. 6.
 Car mover. B. F. Schmidt and T. D. Heyl. 1,641,398; Sept. 6.
 Car. Stock. D. Munro. 1,641,287; Sept. 6.
 Car-truck spring. J. C. Whitridge. 1,641,719; Sept. 6.
 Car-wall construction. W. D. Thompson. 1,641,208; Sept. 6.
 Cars. Sleeping berth for poultry. I. V. Edgerton. 1,641,376; Sept. 6.
 Carbon. Producing active. P. Lueg, J. Drucker, and H. Thlenemann. 1,641,281; Sept. 6.
 Carboy package. W. H. Lohmann. 1,641,179; Sept. 6.
 Carbureting device. G. M. Holley. 1,641,332; Sept. 6.
 Carrier. See—
 Laundry carrier. Tire carrier.
 Message carrier.
 Step plate and luggage carrier.
 Cart. Concrete conveying and distributing. W. P. Stanton. 1,641,703; Sept. 6.
 Carton-closing mechanism. W. S. Weber. 1,641,794; Sept. 6.
 Case. See—
 Brief case. Show case.
 Mattress case.
 Casement-window adjuster. C. E. Spencer and O. W. Roberts. 1,641,649; Sept. 6.
 Casing head, oil saver, and tubing lander. Combined. E. V. Crowell. 1,641,921; Sept. 6.
 Casing swage. Rotary. K. R. Andre. 1,641,519; Sept. 6.
 Casings and drill pipe. Cutting oil-well. H. M. Greene. 1,641,483; Sept. 6.
 Cell transmitter. Multiple light. C. F. Jenkins. 1,641,633; Sept. 6.
 Cellar. Oil. J. Rain. 1,641,601; Sept. 6.
 Cellulose-acetate composition. S. J. Carroll. 1,641,411-2; Sept. 6.
 Cellulose-acetate composition of low inflammability. S. J. Carroll. 1,641,413; Sept. 6.
 Cellulose from wood pulp. Manufacture of nitrated. V. Planchon. 1,641,921; Sept. 6.
 Cement compositions. Material for use in. R. J. Wig. Re16,732; Sept. 6.
 Cement hardener and waterproofing to the main body and face of a concrete brick. Applying. C. S. Wert. 1,641,874; Sept. 6.
 Centerpiece and flower block. Combined. W. H. Magee. Des. 73,411; Sept. 6.
 Ceramic products. Plant for manufacturing. W. L. Hanley, Jr. 1,641,582-4; Sept. 6.
 Chain. Conveyor. R. H. Pangborn. 1,641,842; Sept. 6.
 Chairs or similar articles of furniture. Drawer construction for. B. Blumental. 1,641,249; Sept. 6.
 Chairs or stools and the like. Seat frame for. F. H. Headley. 1,641,330; Sept. 6.
 Check. Rebound. E. R. Godfrey. 1,641,381; Sept. 6.
 Chinaware. Making decorated. W. N. Lewis. 1,641,820; Sept. 6.
 Chromium steel scrap. Remelting. W. M. Farnsworth. 1,641,326; Sept. 6.
 Cigar-bunch machine. R. R. Kitchel, J. L. Lippard, and J. E. Mullan. 1,641,816; Sept. 6.
 Cigar-finishing device. H. P. Wurman. 1,641,795; Sept. 6.
 Cigar holder. A. Illz. 1,641,538; Sept. 6.
 Cigarette holder. A. Yessalan. 1,641,517; Sept. 6.
 Cigar lighter. Electric. J. J. Gough. 1,641,808; Sept. 6.
 Cinematography. D. F. Comstock. 1,641,220; Sept. 6.
 Circuit-breaker system. Automatic reclosing. A. E. Anderson. 1,641,724; Sept. 6.
 Circuit-breaker system. Automatic reclosing. W. S. H. Hamilton. 1,641,758; Sept. 6.
 Circuit controller. Speed. A. G. Shaver. 1,641,461; Sept. 6.
 Circuits. Interrupter for electric. S. Ruppel. 1,641,202; Sept. 6.
 Clamp. See—
 Building clamp.
 Cleaner. See—
 Air cleaner. Windshield cleaner.
 Tube cleaner.
 Clock system. Synchronous. F. W. Wood. 1,641,940; Sept. 6.
 Clock. Wall. J. H. Page. Des. 73,414; Sept. 6.
 Closure caps to paper receptacles. Apparatus for securing. C. F. Dawson. 1,641,743; Sept. 6.
 Closure caps to paper receptacles. Method and apparatus for securing. C. F. Dawson. 1,641,742; Sept. 6.
 Cloth boards. Sample holder for. L. E. Masson. 1,641,857; Sept. 6.
 Clothes wringer. W. P. Shattuck. 1,641,204; Sept. 6.
 Clutch-tripping mechanism. M. Feybusch and P. W. Fleischer. 1,641,258; Sept. 6.
 Coal system. Pulverized. J. E. Bell. 1,641,470; Sept. 6.
 Coffee tablet and making same. F. P. McColl. 1,641,446; Sept. 6.
 Coin chute. W. A. Tratsch. 1,641,304; Sept. 6.
 Communication system. J. W. Horton. 1,641,431; Sept. 6.
 Commutator. P. M. Randall. 1,641,194; Sept. 6.
 Commutators. Manufacturing. R. M. Critchfield. 1,641,414; Sept. 6.

Composition construction or heat-insulating material. W. K. Nelson. 1,641,641; Sept. 6.
 Compound wheel. T. J. Kelleher and H. Krump. 1,641,440; Sept. 6.
 Compressor. Rotary air. H. Strong. 1,641,833; Sept. 6.
 Concrete structures. Building reinforced. K. J. Ljunberg. 1,641,541; Sept. 6.
 Condenser. E. S. Bryant. 1,641,000; Sept. 6.
 Condenser. Adjustable. R. M. Klein. 1,641,635; Sept. 6.
 Condenser. Movable dielectric. H. J. Murray. 1,641,946; Sept. 6.
 Condenser. Multiple variable. F. A. Kolster. 1,641,593; Sept. 6.
 Condenser. Vacuum. H. J. Nolte. 1,641,687; Sept. 6.
 Condenser. Variable. H. L. Bradley. 1,641,314; Sept. 6.
 Condenser. Variable. J. M. Enders. 1,641,749; Sept. 6.
 Condenser. Variable. L. L. Jones. 1,641,438; Sept. 6.
 Condenser-winding machine. F. C. Kroeger and H. E. Norviel. 1,651,389; Sept. 6.
 Connector. Battery. E. E. Bilgert and F. P. Bartlett. 1,641,837; Sept. 6.
 Container. G. K. Bainbridge and S. W. Reynolds. 1,641,408; Sept. 6.
 Container. R. R. Canavella. 1,641,317; Sept. 6.
 Containers. Device for supporting. W. E. Corcoran. 1,641,531; Sept. 6.
 Control device. H. E. Norviel. 1,641,396; Sept. 6.
 Controlling instrument. E. H. Bristol. 1,641,944; Sept. 6.
 Conveyor. J. G. Jones. 1,641,437; Sept. 6.
 Conveyor. Pneumatic material. G. Bernert. 1,641,149; Sept. 6.
 Conveyers or screens. Mechanism for operating reciprocating. R. S. Jacobsen. 1,641,435; Sept. 6.
 Cooker. Potato-chip. R. A. Fontano and T. H. Self. 1,641,262; Sept. 6.
 Cooking and heating device. Safety. H. Chillingirian. 1,641,624; Sept. 6.
 Cooking vessels. Detachable cover for. R. N. Kircher. 1,641,681; Sept. 6.
 Cooler. See—
 Transformer cooler.
 Cooling transformers. S. D. Sprong. 1,641,702; Sept. 6.
 Core tube cutter. C. J. Roberts. 1,641,866; Sept. 6.
 Costumer and wardrobe. Combined. E. B. Skinner. 1,641,832; Sept. 6.
 Cot. Exercising. P. T. Mittag. 1,641,188; Sept. 6.
 Counting machine. Can cover. J. R. Edwards. 1,641,476; Sept. 6.
 Coupling. See—
 Air-brake coupling. Tank-hose coupling.
 Sealing coupling. Universal coupling.
 Shaft coupling.
 Coupling. H. P. Dahlstrand. 1,641,740; Sept. 6.
 Coupling device. Inductive. J. C. Gabriel. 1,641,925; Sept. 6.
 Coupling for wires, etc. C. H. Ericson. 1,641,627; Sept. 6.
 Crane. L. D. Nilson. 1,641,351; Sept. 6.
 Crate attachment. Milk bottle. W. E. Bonesteel. 1,641,526; Sept. 6.
 Cream separator. E. G. Johnson. 1,641,493; Sept. 6.
 Cross brace. K. C. Gardner. 1,641,885; Sept. 6.
 Crusher. R. C. Newhouse. 1,641,776; Sept. 6.
 Crusher and constructing the same. J. S. Bond. 1,641,726; Sept. 6.
 Cultivating means. G. T. Strite. 1,641,207; Sept. 6.
 Cultivator. Automatic rotary pulverizing. P. H. Mackie. 1,641,393; Sept. 6.
 Culture containers. Closure for. D. M. Stump. 1,641,400; Sept. 6.
 Cup. See—
 Milk cup. Shaving cup.
 Oil cup.
 Current controlling mechanism or switch. Automatic. E. J. Balluff. 1,641,146; Sept. 6.
 Current motor. Alternating. C. W. Steen. 1,641,704; Sept. 6.
 Current switch with electromagnetic and thermal release. Automatic excess. S. Ruppel. 1,641,201; Sept. 6.
 Cutter. See—
 Core-tube cutter.
 Cutter. J. D. Lasswell. 1,641,636; Sept. 6.
 Cylinder lock. C. Ledin. 1,641,767; Sept. 6.
 Damper. Automatic. J. Beaulieu. 1,641,875; Sept. 6.
 Decorated box. F. Eberhart. Des. 73,400; Sept. 6.
 Decoy duck. J. V. Winter. 1,641,215; Sept. 6.
 Denture. Artificial. B. H. Eisenstein. 1,641,026; Sept. 6.
 Denture attachment. I. Stern. 1,641,557; Sept. 6.
 Denture. Removable. J. Goldfarb. 1,641,887; Sept. 6.
 Deodorant and insecticide. Solidified. E. E. Martin and H. W. Dietrich. 1,641,183; Sept. 6.
 Deodorizing, cooling, and dehydrating fluids and apparatus therefor. H. L. Murray. 1,641,349; Sept. 6.
 Desk set. Fountain pen. F. D. Hammons. 1,641,949; Sept. 6.
 Detector switch. Paper break. H. Berglund. 1,641,058; Sept. 6.
 Diaphragms. Apparatus for making conical. C. L. Farand and E. Ross. 1,641,327; Sept. 6.
 Die. T. N. Aikens. 1,641,366; Sept. 6.
 Differential mechanism. M. B. Morgan. 1,641,190; Sept. 6.
 Direction indicator. R. H. Morris. 1,641,774; Sept. 6.
 Disks. Mounting for. W. L. Paul. 1,641,688; Sept. 6.

Dispensing apparatus and operating same. L. Rothschild and E. G. Clements. 1,641,783; Sept. 6.
 Display box. S. Moss. 1,641,661; Sept. 6.
 Display container. A. MacDougall. 1,641,283; Sept. 6.
 Display device. Z. D. Brumberg. Des. 73,398; Sept. 6.
 Display stand or similar article. B. F. Muldoon. Des. 73,412; Sept. 6.
 Distilling oil in presence of comminuted carbonaceous fuel. W. E. Trent. 1,641,305; Sept. 6.
 Distributing device. Material. F. C. Spencer. 1,641,300; Sept. 6.
 Doll. E. Goldberger. Des. 73,404; Sept. 6.
 Dome light. G. Graff. Des. 73,405; Sept. 6.
 Door. Fire. S. P. Smurr. 1,641,506; Sept. 6.
 Door knocker. M. M. Whitaker. Des. 73,420; Sept. 6.
 Door operating and supporting mechanism. Garage. J. P. Fredrick. 1,641,160; Sept. 6.
 Door-operating mechanism. R. C. Walter. 1,641,210; Sept. 6.
 Dosing flask. J. A. Ferdinand. 1,641,328; Sept. 6.
 Drag. I. C. Moore. 1,641,348; Sept. 6.
 Drier. G. Komarek. 1,641,337; Sept. 6.
 Drilling apparatus. Well. E. Smith. 1,641,206; Sept. 6.
 Drilling mechanism. Rock. C. F. Osgood. 1,641,451; Sept. 6.
 Drilling wells. Apparatus for. F. J. Lewis. 1,641,176; Sept. 6.
 Drills. Combined washer and shield for. H. W. Fletcher. 1,641,261; Sept. 6.
 Drums. Cymbal holder for. B. C. Streep. 1,641,558; Sept. 6.
 Dry cell. C. G. Birdsall. 1,641,524; Sept. 6.
 Dyes. Black sulphurized naphthol. C. H. Marschalk. 1,641,182; Sept. 6.
 Educational device. A. E. Miller. 1,641,773; Sept. 6.
 Egg-marking device. J. Schlerenbeck. 1,641,238; Sept. 6.
 Electric bulb. Incandescent. F. L. Weiss. 1,641,466; Sept. 6.
 Electric furnace. W. J. Keenan. 1,641,764; Sept. 6.
 Electric-fuse indicator. F. Scordamaglia. 1,641,208; Sept. 6.
 Electric machine and winding therefor. Dynamo. W. H. Powell. 1,641,644; Sept. 6.
 Electric machine. Dynamo. H. M. Stoller. 1,641,359; Sept. 6.
 Electric motor. A. E. Oswald. 1,641,548; Sept. 6.
 Electric motor-operated machines. Coin control for. G. W. Werner. 1,641,212; Sept. 6.
 Electric regulating system. W. Brückel. 1,641,732; Sept. 6.
 Electric switch. A. C. and E. G. Gaynor. 1,641,264; Sept. 6.
 Electric switch. H. E. Norviel. 1,641,352; Sept. 6.
 Electrical apparatus. Maintaining insert atmospheres in. C. L. Jones. 1,641,814; Sept. 6.
 Electrical devices. Supporting means for. J. A. Warren. 1,641,513; Sept. 6.
 Electrical instrument. H. J. Murray. 1,641,945; Sept. 6.
 Electrical signaling. G. O. Squier. 1,641,608; Sept. 6.
 Electrical sound-reproducing apparatus. L. de Forest. 1,641,664; Sept. 6.
 Electrode for accumulators. Manufacture of lead. A. Strasser. 1,641,241; Sept. 6.
 Electrolytic reflector. S. W. Jenks. Re16,733; Sept. 6.
 Electromagnetic relay. J. Erickson. 1,641,256; Sept. 6.
 Electroresponsive cell. C. H. Zierdt. 1,641,564; Sept. 6.
 Elevator. See—
 Portable elevator.
 End wrench. A. Dickey. 1,641,252; Sept. 6.
 Engine. See—
 Internal-combustion engine. Rotary engine.
 Regenerator engine.
 Engine-cooling systems. Valve mechanism for. H. C. Mallory. 1,641,341; Sept. 6.
 Engine manifold. Internal-combustion. C. Breer. 1,641,619; Sept. 6.
 Engine-starting apparatus. G. W. Elsey. 1,641,418-19; Sept. 6.
 Engine-starting apparatus. F. J. Hardman. 1,641,383; Sept. 6.
 Engine-starting apparatus. F. J. Hardman. 1,641,426; Sept. 6.
 Engine-starting mechanism. W. A. Chryst. 1,641,873; Sept. 6.
 Engines. Manifold heater for internal-combustion. A. G. Bridgford and S. B. Bolton. 1,641,728; Sept. 6.
 Engines. Timer distributor mechanism for internal-combustion. C. E. Berkdoll. 1,641,370; Sept. 6.
 Exercising apparatus. G. A. Reynolds. 1,641,355; Sept. 6.
 Exhaust and like silencer. W. H. Martin. 1,641,394; Sept. 6.
 Extractor. H. J. Parker. 1,641,780; Sept. 6.
 Eyeglass construction. S. J. Clulee. 1,641,156; Sept. 6.
 Fan. S. B. Rial. 1,641,904; Sept. 6.
 Fastener. L. P. Armstrong. 1,641,835; Sept. 6.
 Fastener. M. F. Carr. 1,641,916-17; Sept. 6.
 Fastener. W. H. Pierce. 1,641,901; Sept. 6.
 Fastener. Mold. F. J. Gremel. 1,641,927; Sept. 6.
 Faucet. Liquid-dispensing. T. E. Davis. 1,641,534; Sept. 6.
 Feeding means. Material. H. L. Merrick. 1,641,448; Sept. 6.
 Feeds. Apparatus for producing livestock. C. R. Mabey. 1,641,340; Sept. 6.

Filling compound. Tooth-canal. W. S. Fisher. 1,641,844; Sept. 6.
 Film holder. Cut. W. F. Folmer. 1,641,420; Sept. 6.
 Filmlike bands from cellulose solutions and similar initial materials. Production of. E. Czapek and R. Weingand. 1,641,322; Sept. 6.
 Film or plate pack. Photographic. M. Romanowicz and J. Romanowicz. 1,641,587; Sept. 6.
 Filter. V. R. Heftler. 1,641,485; Sept. 6.
 Filtration. Apparatus for. N. C. Christensen. 1,641,736; Sept. 6.
 Fire escapes. Safety device for. E. Bocchino. 1,641,798; Sept. 6.
 Flask. See—
 Dosing flask.
 Flow meter. G. E. Decker. 1,641,744; Sept. 6.
 Flower holder. H. A. Lahman. Des. 73,408; Sept. 6.
 Fluid meter. E. C. Engart. 1,641,840; Sept. 6.
 Fluid-transfer device. C. C. Campus. 1,641,942; Sept. 6.
 Fountain-pen rack. J. A. Fremon and A. S. De Haven. 1,641,846; Sept. 6.
 Frame. See—
 Locomotive rear frame.
 Freezing apparatus. Continuous. W. A. Heyman and W. McComb. 1,641,429; Sept. 6.
 Freezing method. R. E. Kolbe. 1,641,441; Sept. 6.
 Fruit-pressing machine. G. Azobian. 1,641,245; Sept. 6.
 Fuel-consumption indicator. R. W. Schroeder. 1,641,295; Sept. 6.
 Furnace. See—
 Electric furnace. Glass furnace.
 Furnace. M. L. Severson. 1,641,869; Sept. 6.
 Furnace-charging apparatus. C. A. Wulf. 1,641,651; Sept. 6.
 Furnace radiator. W. J. Welland. 1,641,211; Sept. 6.
 Furnaces. Automatic humidifier for warm-air. A. H. Kunder. 1,641,172; Sept. 6.
 Furnaces. Smoke-pipe connection for. D. Meyer. 1,641,825; Sept. 6.
 Gambrel. V. Stark. 1,641,508; Sept. 6.
 Game apparatus. W. F. Schacht. 1,641,786; Sept. 6.
 Game. Hockey. W. Boessow. 1,641,525; Sept. 6.
 Game. Raeling. H. E. McCoy. 1,641,638; Sept. 6.
 Game table. H. Berg. Des. 73,398; Sept. 6.
 Garment hanger. M. Kaufman. 1,641,680; Sept. 6.
 Garment holder. A. K. Stenwer. 1,641,705; Sept. 6.
 Gas burner. H. Holleman. 1,641,888; Sept. 6.
 Gas burner. P. C. Hughes. 1,641,274; Sept. 6.
 Gas treating articles. Apparatus for. A. H. Warth. 1,641,712; Sept. 6.
 Gaseous matter in human bodies. Process of and apparatus for ascertaining the change. H. W. Knipping. 1,641,817; Sept. 6.
 Gaskets. Method and apparatus for making. J. Kinderwater. 1,641,171; Sept. 6.
 Gate. See—
 Ash gate.
 Gauge. See—
 Bricklayer's gauge. Pressure gauge.
 Liquid-level gauge.
 Gear. Draft. W. J. Regan. 1,641,456; Sept. 6.
 Gear. Reversing. K. Berger. 1,641,614; Sept. 6.
 Gear-roughing machine. J. Edgar. 1,641,666; Sept. 6.
 Gear. Speed-change. A. B. Clark. 1,641,576; Sept. 6.
 Gear. Speed-reducing. T. L. Fitzpatrick. 1,641,845; Sept. 6.
 Gearing. Planetary transmission. J. S. Barnett. 1,641,656; Sept. 6.
 Gearing. Transmission. L. W. Melcher. 1,641,187; Sept. 6.
 Gearing. Transmission. W. C. Pitter. 1,641,902; Sept. 6.
 Glass articles. Machine for forming. R. La France. 1,641,497; Sept. 6.
 Glass furnace. J. M. Neenan. 1,641,898; Sept. 6.
 Glass. Process and apparatus for drawing sheet. E. T. Ferngren. 1,641,883; Sept. 6.
 Glove and making the same. Knitted. G. P. Bosworth. 1,641,570; Sept. 6.
 Glove and manufacturing same. G. Spivak. 1,641,701; Sept. 6.
 Glucose from materials containing cellulose. Production of. L. Meller and H. Scholler. 1,641,771; Sept. 6.
 Glycerols. Preparing. F. H. Untiedt. 1,641,710; Sept. 6.
 Golf ball marker. J. G. Will and C. F. McConnell. 1,641,562; Sept. 6.
 Golf tee. G. Clausen. 1,641,155; Sept. 6.
 Grading machines. Pattern holder for. A. J. Therrien. 1,641,302; Sept. 6.
 Gravity dumping construction. E. R. Barrett. 1,641,369; Sept. 6.
 Grille frame. A. L. Bell. 1,641,523; Sept. 6.
 Grinding and drying apparatus. J. E. Bell. 1,641,409; Sept. 6.
 Grinding wheel and holder therefor. F. J. Tone. 1,641,791; Sept. 6.
 Grinding wheel. Sectional. P. H. Brandes and J. W. Adams. 1,641,799; Sept. 6.
 Hair curling device. W. G. Shelton. 1,641,205; Sept. 6.
 Hair waving. S. Fisher. 1,641,751; Sept. 6.
 Hair waving and curling device. Electrical. R. L. Opper and J. M. Opper. 1,641,353; Sept. 6.
 Hand bag. F. L. Weber. Des. 73,419; Sept. 6.
 Handle. J. K. Kinnear. 1,641,226; Sept. 6.
 Handling and severing articles. Apparatus for. J. W. Fay. 1,641,257; Sept. 6.

Hand saw. W. L. Jacques. 1,641,168; Sept. 6.
 Hanger: See—
 Garment hanger.
 Harvester, Corp. C. F. Kruse. 1,641,682; Sept. 6.
 Harvesters, Snapping roll for corn. G. C. Jett. 1,641,436; Sept. 6.
 Hat and making same. Straw. E. Wittcoff. 1,641,310; Sept. 6.
 Hats. Memoranda holder for. T. Johnson. 1,641,812; Sept. 6.
 Headlight. E. J. Whalen. 1,641,714; Sept. 6.
 Headlight switch. Automobile. B. F. Savery. 1,641,905; Sept. 6.
 Heater: See—
 Orchard heater. Water heater.
 Heating systems. Humidifier for hot air. C. J. Hilly. 1,641,587; Sept. 6.
 Heel. Repairing overshoe. C. Petersen. 1,641,689; Sept. 6.
 Heel. Rubber. A. Pentifallo. 1,641,826; Sept. 6.
 Highways. Danger indicating means for. M. L. Jones. 1,641,279; Sept. 6.
 Hoist device for dumping bodies. L. T. Wood. 1,641,365; Sept. 6.
 Hollow structure of plastic material and producing the same centrifugally. C. W. Watson. 1,641,793; Sept. 6.
 Holster. Safety. J. V. Jovine. 1,641,439; Sept. 6.
 Hook: See—
 Strap hook.
 Hose band. W. V. Thompson. 1,641,559; Sept. 6.
 Hosery machine for making right and left toe pockets. F. E. Jones. 1,641,589; Sept. 6.
 Hydrator. H. Miscampbell. 1,641,347; Sept. 6.
 Hydraulic machines. Wearing plate for. W. M. White. 1,641,362; Sept. 6.
 Hydraulic ram. J. L. Boland. 1,641,878; Sept. 6.
 Hydrocarbons. Apparatus for cracking. J. E. Bell and E. W. Isom. 1,641,941; Sept. 6.
 Hydrometer suction bulb or the like. L. Edelmann. Des. 73,401; Sept. 6.
 Ice shaving machine. R. R. Smith. 1,641,699; Sept. 6.
 Ignition apparatus. F. C. Kroeger. 1,641,442; Sept. 6.
 Ignition device. L. O. French. 1,641,421; Sept. 6.
 Ignition switch. W. Kalsling. 1,641,169; Sept. 6.
 Ignition system. J. T. Fitzsimmons and H. Wallace. 1,641,378; Sept. 6.
 Index system for cards and the like. W. Hoge. 1,641,488; Sept. 6.
 Index. Visible. W. A. Ringler. 1,641,293; Sept. 6.
 Indicating instrument. J. G. Paty. 1,641,454; Sept. 6.
 Indicator: See—
 Direction indicator. Liquid-level indicator.
 Electric fuse indicator. Load indicator.
 Fuel-consumption indicator.
 Indicator and recorder. Water-level. G. W. Lind. 1,641,229; Sept. 6.
 Indicators. Rheostat for liquid-level. C. Hyland. 1,641,491; Sept. 6.
 Induction coil. W. A. Chryst. 1,641,374; Sept. 6.
 Induction coil. S. Z. Chylinski. 1,641,473; Sept. 6.
 Induction coil. C. E. Wilson. 1,641,364; Sept. 6.
 Ingot mold. Nonshrinkage cavity. W. F. McMahon. 1,641,597; Sept. 6.
 Insecticide duster. L. Cheeseman. 1,641,735; Sept. 6.
 Insulating inclosure. A. C. Gaynor. 1,641,265; Sept. 6.
 Insulators. Method and apparatus for finishing. A. E. Kauffman. 1,641,815; Sept. 6.
 Intake. G. M. French. 1,641,670; Sept. 6.
 Internal-combustion engine. B. C. Stickney. 1,641,787; Sept. 6.
 Invalid lifter and carrier. S. S. Jenkins. 1,641,388; Sept. 6.
 Iron: See—
 Solder iron. Waffle iron.
 Ironers. Piece feeder for flatwork. L. R. Sager and R. H. Mitchell. 1,641,784; Sept. 6.
 Ironing machine. T. N. Brown. 1,641,315; Sept. 6.
 Jack: See—
 Pump jack.
 Rolling and motor propelled jack.
 Joint: See—
 Rail joint.
 Keyboard. J. M. Lobit. 1,641,543; Sept. 6.
 Knitting machine. Ribbed-fabric hosiery. R. W. Scott. 1,641,554; Sept. 6.
 Knitting machines. Feeding means for. E. E. Jones. 1,641,590; Sept. 6.
 Knot-picking machine. P. Nilsson. 1,641,686; Sept. 6.
 Ladder. Orchard. C. L. Smith. 1,641,906; Sept. 6.
 Lamp casing or article of similar nature. Vehicle. W. T. Pittman. Des. 73,415; Sept. 6.
 Lamp. Combination motor-vehicle. J. F. Farmer. 1,641,750; Sept. 6.
 Lamp. Dash. W. Hermann. 1,641,759; Sept. 6.
 Lamp extinguisher. C. D. Dumbard. 1,641,254; Sept. 6.
 Lamp filaments. Cement for incandescent. W. C. Ibele. 1,641,761; Sept. 6.
 Lamp or analogous article. L. Zweig. Des. 73,423; Sept. 6.
 Lamp socket. H. C. Foster. 1,641,159; Sept. 6.
 Lamp. Therapeutic. N. E. Goodrich. 1,641,629; Sept. 6.
 Lantern. Hand. G. Cohen. 1,641,880; Sept. 6.
 Last. G. Clausing. 1,641,154; Sept. 6.
 Latch. Door. E. Halpern. 1,641,537; Sept. 6.

Latex and products obtained thereby. Treating. S. M. Cadwell. 1,641,573; Sept. 6.
 Lath. Composite wire. R. J. Southwell. 1,641,872; Sept. 6.
 Laundry carrier. J. E. S. Russell. 1,641,458; Sept. 6.
 Leer-pan structure. P. Q. Williams. 1,641,515; Sept. 6.
 Legging. C. E. Hockmeyer. 1,641,487; Sept. 6.
 Lens. C. A. B. Halvorsen, Jr. 1,641,674; Sept. 6.
 Lens cemented objective. Spherically, chromatically, and astigmatically corrected three. F. Urban. 1,641,402; Sept. 6.
 Lens. Multifocal. E. D. Tillyer. 1,641,790; Sept. 6.
 Letter scale. C. Mahloy. 1,641,596; Sept. 6.
 Lifter: See—
 Valve-spring lifter.
 Light: See—
 Pilot light.
 Light and control therefor. E. P. Hannig. 1,641,167; Sept. 6.
 Light fixtures. Arm for electric. C. W. Logan. Des. 73,410; Sept. 6.
 Light fixtures. Wall plate for electric. F. Yokel. Des. 73,418; Sept. 6.
 Light-operated controlling apparatus. G. V. Karlson. 1,641,170; Sept. 6.
 Light plug. Automobile. F. B. Shaffer. 1,641,870; Sept. 6.
 Lighting and ignition apparatus. J. H. Hunt and J. T. Fitzsimmons. 1,641,434; Sept. 6.
 Lighting and ignition system. J. H. Huot. 1,641,433; Sept. 6.
 Limit switch. W. D. Smith. 1,641,647; Sept. 6.
 Liquid-dispensing apparatus. H. R. Corley. 1,641,577; Sept. 6.
 Liquid-level gauge. O. L. Ingram. 1,641,387; Sept. 6.
 Liquid-level indicator. H. D. Geyer. 1,641,380; Sept. 6.
 Liquids of different specific gravity. Apparatus for separating. T. Fisher. 1,641,843; Sept. 6.
 Load indicator. F. L. Scott. 1,641,296; Sept. 6.
 Leaf creasing and cutting apparatus. E. T. Parsons. 1,641,781; Sept. 6.
 Lock: See—
 Automobile lock. Cylinder lock.
 Lock. S. Larson. 1,641,338; Sept. 6.
 Locking device for semitrailers. F. M. Reid. 1,641,354; Sept. 6.
 Locomotive rear frame. A. W. Bruce. 1,641,151; Sept. 6.
 Loud speaker. O. C. Boege and H. A. A. Belz. 1,641,569; Sept. 6.
 Loud speaker. E. A. Shankweiler. 1,641,605; Sept. 6.
 Loupe. Watchmaker's. W. J. Wrighton. 1,641,834; Sept. 6.
 Lug-strap support. T. A. Tahan. 1,641,873; Sept. 6.
 Machine for shaping uppers over lasts. W. T. B. Roberts. 1,641,237; Sept. 6.
 Magneto. H. W. Henry. 1,641,384; Sept. 6.
 Mail-handling machine. W. H. Alden, Jr. 1,641,406; Sept. 6.
 Manhole frame, cover, and hydrant-holding assemblage. C. E. Van Hecke. 1,641,512; Sept. 6.
 Manifold. Fuel. R. W. A. Brewer. 1,641,527; Sept. 6.
 Manifold holder. E. A. Winden. 1,641,722; Sept. 6.
 Manipulative appliance. H. P. Dahlstrand. 1,641,415; Sept. 6.
 March folder. M. A. Hammond. 1,641,850; Sept. 6.
 March machine. C. F. Wright. 1,641,216; Sept. 6.
 March splints. Mechanism for dipping. M. Paridon. 1,641,193; Sept. 6.
 Mattress case. R. M. Nelson. 1,641,231; Sept. 6.
 Measuring by impulses of auxiliary energy. System of. E. Roučka. 1,641,200; Sept. 6.
 Measuring instrument. T. E. Giles. 1,641,266; Sept. 6.
 Measuring instrument. P. K. McGall. 1,641,447; Sept. 6.
 Measuring system. E. Roučka. 1,641,195-6; Sept. 6.
 Measuring the viscosity of fluids. C. I. Heff. 1,641,673; Sept. 6.
 Measuring volt amperes. J. Yuvann. 1,641,654; Sept. 6.
 Mechanical movement. F. J. Lass. 1,641,498; Sept. 6.
 Mechanical movement and windshield-cleaning apparatus involving the same. S. Lippert. 1,641,392; Sept. 6.
 Medal. G. A. Fitzgibbons. Des. 73,402; Sept. 6.
 Message carrier. C. L. Paulus and R. Kauch. 1,641,549; Sept. 6.
 Meter: See—
 Flow meter. Fluid meter.
 Metering system. Summation. B. W. Jones. 1,641,762; Sept. 6.
 Milking can. O. Brunn. 1,641,316; Sept. 6.
 Mining apparatus. M. P. Holmes. 1,641,430; Sept. 6.
 Mixer for soda-dispensing faucets. Automatic. F. I. Gannell and R. Miller. 1,641,164; Sept. 6.
 Mold: See—
 Ingot mold. Retreading mold.
 Retread mold.
 Molding apparatus and method. G. H. Davis. 1,641,923; Sept. 6.
 Molding press. G. H. Davis. 1,641,922; Sept. 6.
 Motor: See—
 Current motor. Electric motor.
 Motor fuel. H. P. Bassett. 1,641,520; Sept. 6.
 Motors. Starting means for induction. B. Stechhart. 1,641,908; Sept. 6.
 Nail. Furling. J. M. Thorpe. 1,641,303; Sept. 6.
 Napkin holder. J. M. Fernandez. 1,641,841; Sept. 6.

Nest. H. A. Trullinger and W. H. Reynolds. 1,641,610; Sept. 6.
 Nozzle diaphragm. Turbine. A. J. Devaud. 1,641,665; Sept. 6.
 Nozzle. Hydraulic. F. Schmidt. 1,641,695; Sept. 6.
 Nut. Lock. M. Little. 1,641,821; Sept. 6.
 Oil burner. J. Egan. 1,641,581; Sept. 6.
 Oil burner. T. W. Roach. 1,641,358; Sept. 6.
 Oil cup. H. A. Hoke. 1,641,269; Sept. 6.
 Oil cup. P. Smith. 1,641,606; Sept. 6.
 Oil cleaner and rectifier. C. Soraclo. 1,641,239; Sept. 6.
 Oil-pressure feeding device. C. H. Eyer. 1,641,221; Sept. 6.
 Oil-refining apparatus. H. A. W. Howcott. 1,641,852; Sept. 6.
 Oils. Refining hydrocarbon. P. McMichael. 1,641,546; Sept. 6.
 Oilier. Gear-pump. J. P. Hehl. 1,641,486; Sept. 6.
 Ophthalmic mounting. H. A. Saugren. 1,641,785; Sept. 6.
 Orchard heater. G. A. R. Lewington and G. A. Smith. 1,641,540; Sept. 6.
 Ore-feeding apparatus. W. H. Parsons. 1,641,863; Sept. 6.
 Oven. Bake. S. G. Bonaparte. 1,641,313; Sept. 6.
 Oven. Barbecue. M. S. Larche. 1,641,818; Sept. 6.
 Overshoe. J. de Noronha. 1,641,535; Sept. 6.
 Oxidation-resisting material. R. F. Flinterman. 1,641,752; Sept. 6.
 Package. Bath-robe. L. C. Saffr. 1,641,552; Sept. 6.
 Packer. E. C. Shaw. 1,641,698; Sept. 6.
 Packet. Combination. W. Friedman. 1,641,263; Sept. 6.
 Packet. Continuous interfold. H. P. Brown. 1,641,620; Sept. 6.
 Packing and display box. Combination. W. D. Tam. 1,641,709; Sept. 6.
 Packing. Expandable. E. E. Miller. 1,641,547; Sept. 6.
 Pad: See—
 Sliding pad.
 Pants. Football. D. M. Bullock. 1,641,733; Sept. 6.
 Paperboard. Treating. D. Finley. 1,641,479; Sept. 6.
 Paper-converting machine. C. O. Gammell. 1,641,423; Sept. 6.
 Paper fastener. P. Stellmach. 1,641,936; Sept. 6.
 Paper-finishing machines. Belt for. F. C. Ladd and F. G. Neal. 1,641,173; Sept. 6.
 Paper. Method of and apparatus for creping. A. E. Coffin. 1,641,739; Sept. 6.
 Paper. Treating. D. Finley. 1,641,478; Sept. 6.
 Pavements. Corrugated base for. W. Bannen. 1,641,655; Sept. 6.
 Pedal control of stop actions. J. H. Hammond, Jr. 1,641,166; Sept. 6.
 Pen clip or similar article. J. L. Schnell. Des. 73,416; Sept. 6.
 Penholder. G. T. Swasey. 1,641,511; Sept. 6.
 Pen rack and paper weight. Combined fountain. W. A. and C. R. Sheaffer. 1,641,829; Sept. 6.
 Petroleum emulsions. Breaking. M. De Groote and W. C. Adams. 1,641,804; Sept. 6.
 Photograph. J. N. Pepin. 1,641,291; Sept. 6.
 Photographic enlarging apparatus. R. E. Meder. 1,641,346; Sept. 6.
 Photographic films. Lessening curling tendencies of. A. F. Sulzer. 1,641,401; Sept. 6.
 Picker, cleaner, sorter, and bagger. Potato. C. Jasper. 1,641,492; Sept. 6.
 Picture machine. Motion. J. R. Bradford. 1,641,727; Sept. 6.
 Picture photography. Color motion. W. L. and S. M. Wright. 1,641,466; Sept. 6.
 Pictures. Making composite color. J. A. Ball. 1,641,566; Sept. 6.
 Pilot light. Oil. J. L. Broese, Jr. 1,641,250; Sept. 6.
 Pipe: See—
 Smoking pipe.
 Pipe and sewer rods. Breaking head for. A. J. Coleman. 1,641,320; Sept. 6.
 Pipe cutter or threader. J. V. Jardine. 1,641,928; Sept. 6.
 Pipes. Trap for conductor. F. A. Traut. 1,641,938; Sept. 6.
 Pitman end. B. H. Davis. 1,641,533; Sept. 6.
 Plant protector. C. H. Woodruff. 1,641,244; Sept. 6.
 Plaque and making same. Concrete. I. M. Washington. 1,641,404; Sept. 6.
 Plaster board. A. S. Speer. 1,641,648; Sept. 6.
 Plaster-board-fastening means. J. S. Raynor. 1,641,903; Sept. 6.
 Plow. Wheeled. C. G. Strandlund. 1,641,706; Sept. 6.
 Plug. Cement. H. A. and C. F. Davis. 1,641,741; Sept. 6.
 Plug. Test. E. C. Mueller, Jr. 1,641,286; Sept. 6.
 Pneumatic conveyor. R. C. Mahon. 1,641,181; Sept. 6.
 Pole. O. M. Knox. 1,641,227; Sept. 6.
 Portable elevator. G. C. and F. C. Good. 1,641,847; Sept. 6.
 Portable elevator. E. Johnson. 1,641,891; Sept. 6.
 Post: See—
 Tennis-net post.
 Powder dispenser. A. J. Krank. 1,641,765; Sept. 6.

Power plane. M. Skolnik. 1,641,645; Sept. 6.
 Power-plant installations. Protective system for. R. Pohl. 1,641,691; Sept. 6.
 Power transmission. W. W. Henderson. 1,641,428; Sept. 6.
 Power transmission. Electrical. E. Clarke. 1,641,737; Sept. 6.
 Press: See—
 Molding press.
 Presses. Automatic dwell-control device for embossing. D. D. Huyett. 1,641,632; Sept. 6.
 Pressure gauge. H. J. Burkhardt. 1,641,838; Sept. 6.
 Price-tag-supporting means. F. Scott. 1,641,697; Sept. 6.
 Prime movers. Controlling. F. and H. White. 1,641,943; Sept. 6.
 Printing and bronzing machine. Combined. E. R. Linebaugh. 1,641,177; Sept. 6.
 Printing art. P. P. Merrill. 1,641,772; Sept. 6.
 Printing machine. Plate. R. K. Carson. 1,641,622; Sept. 6.
 Printing raised figures and the like. C. H. Allen. 1,641,143; Sept. 6.
 Protecting the human ears. Device for. J. P. Winn. 1,641,214; Sept. 6.
 Pulsator. Electric. A. B. Arney. 1,641,368; Sept. 6.
 Pulverizing apparatus. W. J. A. London. 1,641,445; Sept. 6.
 Pump. D. H. Barnwell. 1,641,613; Sept. 6.
 Pump. L. B. Post. S. V. Lyon, and L. Blumenfeld. 1,641,501; Sept. 6.
 Pump. G. J. Welter. 1,641,717; Sept. 6.
 Pump jack. C. F. Schaffer. 1,641,460; Sept. 6.
 Pump. Rotary. A. C. Stewart. 1,641,509; Sept. 6.
 Pump. Slurp. C. T. Joslin and C. W. Klotz. 1,641,280; Sept. 6.
 Punch. Hand. A. Beck. 1,641,521; Sept. 6.
 Pyroxylin-lacquer composition. B. K. Brown and C. Rogin. 1,641,529; Sept. 6.
 Rack: See—
 Fountain-pen rack. Serving rack.
 Radiator. E. M. Bassler. 1,641,148; Sept. 6.
 Radiator. Stream-line high-pressure. A. H. Hart. 1,641,586; Sept. 6.
 Radio shield. Rectifying. T. Moore. 1,641,395; Sept. 6.
 Radio signaling system. R. S. Ohl. 1,641,289; Sept. 6.
 Radiotube socket. P. A. Chamberlain. 1,641,530; Sept. 6.
 Rail anchor plate. S. Sorensen. 1,641,299; Sept. 6.
 Rail joint. Flexible. C. A. Disbrow. 1,641,416; Sept. 6.
 Railway braking apparatus. Audible signal for. L. V. Lewis. 1,641,768; Sept. 6.
 Railway skate operating apparatus. E. G. Little. 1,641,178; Sept. 6.
 Railway switch points. Locking bar and plate for. G. L. Cowperthwait. 1,641,578; Sept. 6.
 Rat guard. W. A. Mead. 1,641,345; Sept. 6.
 Rebound retarder. J. B. Kirby. 1,641,334; Sept. 6.
 Receptacle. Contact. A. C. Gaynor. 1,641,223; Sept. 6.
 Recording and reproducing apparatus. J. T. Scully. 1,641,947; Sept. 6.
 Recording system. E. Roučka. 1,641,199; Sept. 6.
 Regenerator engine. E. W. Swartwout. 1,641,830; Sept. 6.
 Reel: See—
 Sand reel.
 Reel holding structure for projectors. O. Wittel. 1,641,405; Sept. 6.
 Refrigerating unit. R. M. Hyde. 1,641,853; Sept. 6.
 Refrigerator tank. Iceless. L. B. Ohn. 1,641,192; Sept. 6.
 Regulating apparatus. A. W. Hull. 1,641,679; Sept. 6.
 Regulator: See—
 Boiler-feed regulator.
 Relay. D. D. Miller. 1,641,285; Sept. 6.
 Retread mold. F. M. Milford. 1,641,499; Sept. 6.
 Retreading mold. J. E. Howell and G. E. Sapp. 1,641,490; Sept. 6.
 Rim. C. E. Stickers. 1,641,399; Sept. 6.
 Ring. J. Clibor. 1,641,575; Sept. 6.
 Road grader. C. P. Deacon. 1,641,580; Sept. 6.
 Roll grizzly. R. C. Newhouse. 1,641,777; Sept. 6.
 Rolling and motor propelled jack. C. W. Lee. 1,641,444; Sept. 6.
 Roofing, road surfacing, and other purposes. Composition applicable for. L. C. Lutrens and R. O. Child. 1,641,637; Sept. 6.
 Rotary engine. T. Tschudi. 1,641,911; Sept. 6.
 Rotary drill bit. J. R. Cudley. 1,641,321; Sept. 6.
 Rotation of a rotary member. Means to prevent reverse. R. L. Wallace. 1,641,360; Sept. 6.
 Rotation of a rotary member. Means to prevent reverse. R. L. Wallace. 1,641,463-4; Sept. 6.
 Roundabout. K. J. Strigl. 1,641,767; Sept. 6.
 Rubber. Reclaiming. G. J. Miller. 1,641,598; Sept. 6.
 Saddle. Pipe. G. G. Brady. 1,641,879; Sept. 6.
 Sampling apparatus and system. C. G. Dresser and F. S. Yontsey. 1,641,748; Sept. 6.
 Sand-blast system. W. C. Mauney and W. L. Dunn. 1,641,342; Sept. 6.
 Sand reel. C. W. Lynch. 1,641,893; Sept. 6.
 Sandal. M. L. Davis. 1,641,625; Sept. 6.
 Sash fastener. Storm. E. Rudberg. 1,641,551; Sept. 6.
 Sawmill dog. W. Newsom. 1,641,900; Sept. 6.
 Saw. Plaster-cast. D. G. Sayre. 1,641,505; Sept. 6.
 Scale. J. W. Rockefeller, Jr. 1,641,603; Sept. 6.

Scarf holder and former. G. Hollafolla. 1,641,851; Sept. 6.
 Scraper. F. Beckord. 1,641,522; Sept. 6.
 Screw driver. R. J. Velepec. 1,641,307; Sept. 6.
 Screw locking and unlocking device. J. B. Hood. 1,641,489; Sept. 6.
 Screw, Temper. G. A. Montgomery. 1,641,189; Sept. 6.
 Sealing coupling. Quickly-detachable. M. B. Brewster. 1,641,528; Sept. 6.
 Seams, Forming outside double picks on round. A. Guenthart. 1,641,809; Sept. 6.
 Searchlight cooling and ventilating means. E. A. Sperry. 1,641,301; Sept. 6.
 Selecting apparatus. L. A. Watters and S. F. Lloyd. 1,641,713; Sept. 6.
 Self-feeding burner. J. J. McCoy. 1,641,545; Sept. 6.
 Semifluid dispensing device. W. H. G. Geake. 1,641,671; Sept. 6.
 Separating apparatus. Dry. R. W. Arms. 1,641,407; Sept. 6.
 Separator: See—
 Cream separator. Storage-battery separator.
 Septic tank. O. M. C. Baker. 1,641,469; Sept. 6.
 Septic tank. E. E. Brown and M. C. Dixon. 1,641,800; Sept. 6.
 Service bin. H. Muenzenmayer. 1,641,775; Sept. 6.
 Serving rack. Refreshment. C. N. Smyser. 1,641,358; Sept. 6.
 Shaft coupling. Flexible. G. Fast. 1,641,669; Sept. 6.
 Shaft coupling for relatively-adjustable shafts. Flexible. G. Fast. 1,641,668; Sept. 6.
 Shaft suspension. H. W. Welmer. 1,641,715; Sept. 6.
 Shaving cup. Sanitary. A. J. Eisenberg. 1,641,805; Sept. 6.
 Shears. Kick-off for. T. D. Hodge. 1,641,678; Sept. 6.
 Sheet-drawing apparatus. N. Mambourg. 1,641,894; Sept. 6.
 Sheet-glass apparatus. H. F. Clark. 1,641,920; Sept. 6.
 Sheet glass. Apparatus for flattening. E. J. Casselmann. N. Griffith and C. E. Johnson. 1,641,918; Sept. 6.
 Sheet-glass-drawing machines. Constant-temperature heater for. W. A. Gibson. 1,641,807; Sept. 6.
 Sheet glass. Method and apparatus for annealing and cooling. W. L. Monro. 1,641,896; Sept. 6.
 Sheet glass. Method and apparatus for forming. J. C. Blahr. 1,641,948; Sept. 6.
 Sheet glass. Producing pressed. E. T. Ferngren. 1,641,806; Sept. 6.
 Shield. Chafing. P. Bonno. 1,641,568; Sept. 6.
 Shield. Glare. H. H. Irwin. 1,641,889; Sept. 6.
 Shingle. N. P. Harshberger. 1,641,427; Sept. 6.
 Shingle. J. A. McCarthy. 1,641,858; Sept. 6.
 Ship's log. R. Star. 1,641,907; Sept. 6.
 Shock absorber. J. S. Burwell. 1,641,572; Sept. 6.
 Shock absorber. O. G. Halliburton. 1,641,268; Sept. 6.
 Shock absorber. G. F. Yevseyeff. 1,641,217; Sept. 6.
 Shoe or analogous article. M. H. Bates. Des. 73,396-7; Sept. 6.
 Shoe-tree. J. L. Sommer and B. Biehl, sr. 1,641,935; Sept. 6.
 Shoes. Making. G. M. Ray. 1,641,782; Sept. 6.
 Show case. J. C. Johnson. 1,641,335; Sept. 6.
 Shuttle-throwing device. C. C. Farwell. 1,641,882; Sept. 6.
 Sign. Advertising. H. F. Bolliot. 1,641,914; Sept. 6.
 Signal: See—
 Automobile safety signal. Automobile signal.
 Signal. J. L. Lamont. 1,641,855; Sept. 6.
 Signal faceplate. J. Neu. Des. 73,413; Sept. 6.
 Signaling system. E. Austin. 1,641,725; Sept. 6.
 Signaling system. Traffic. J. J. Ruddick. 1,641,694; Sept. 6.
 Signature machine. F. J. Greene. 1,641,482; Sept. 6.
 Silk. Manufacturing artificial. M. Hölken, jr. 1,641,588; Sept. 6.
 Slicing machines. Deflecting plate for. P. J. Lucey. 1,641,180; Sept. 6.
 Sliding pad. M. G. Carey. 1,641,318; Sept. 6.
 Smoking pipe. R. Hadley. 1,641,849; Sept. 6.
 Smoking set. T. Bear. 1,641,657; Sept. 6.
 Snowplow. D. Zinn. 1,641,723; Sept. 6.
 Socket. Radius and steering rod. G. F. Colley. 1,641,474; Sept. 6.
 Socket. Swivel rope. P. A. Schmuck. 1,641,696; Sept. 6.
 Socket. Two-way. W. He. 1,641,277; Sept. 6.
 Solder iron. J. M. Russell. 1,641,604; Sept. 6.
 Solids from liquids. Separation of. S. Symington. 1,641,708; Sept. 6.
 Sound-reproducing device construction. J. B. Elen-schneider. 1,641,667; Sept. 6.
 Spark-plug-cleaning apparatus. G. Browning. 1,641,731; Sept. 6.
 Speed reducer. A. Laukhuff. 1,641,766; Sept. 6.
 Speed transmission. Variable. R. H. Pratt. 1,641,692; Sept. 6.
 Spouts. Locking device for. V. De Lain. 1,641,881; Sept. 6.
 Spraying device. J. H. Overton. 1,641,778; Sept. 6.
 Spring: See—
 Car-truck spring.
 Spring clips. Making. J. A. Hoffman. 1,641,631; Sept. 6.
 Sprocket chain and link therefor. W. F. Hall. 1,641,536; Sept. 6.
 Stamp. Hand. C. I. Stage. 1,641,507; Sept. 6.
 Stanchion. W. Gutenkunst. 1,641,810; Sept. 6.
 Steam boiler. L. Glashow. 1,641,162; Sept. 6.
 Steam pressing apparatus. N. Benenati. 1,641,876; Sept. 6.
 Steering-wheel handles of motor vehicles and the like. Cover for application to. A. G. Barrett and H. H. Burton. 1,641,311; Sept. 6.
 Stepladder. J. E. Kalgren. 1,641,591; Sept. 6.
 Step plate and luggage carrier. Combination. A. Sundborg. 1,641,510; Sept. 6.
 Storage-battery plates and separators. Insulating means for. E. W. Fletcher. 1,641,842; Sept. 6.
 Storage-battery separator. W. T. Foley. 1,641,379; Sept. 6.
 Stove. Oil. P. W. Coppock. 1,641,475; Sept. 6.
 Strap hook. A. Eklund. 1,641,255; Sept. 6.
 Strips of material. Process and apparatus for uniting. H. E. Van Derhoef. 1,641,403; Sept. 6.
 Suction top. P. W. Fleischer. 1,641,480; Sept. 6.
 Switch: See—
 Detector switch. Ignition switch.
 Electric switch. Limit switch.
 Headlight switch. Time electric switch.
 Switch-clamp bracket. R. C. Piscator. 1,641,690; Sept. 6.
 Switch mechanism. C. P. Bradley. 1,641,219; Sept. 6.
 Switching. Automatic. F. Aldendorf. 1,641,145; Sept. 6.
 Synchronoscope. D. R. Price and F. H. Bowman. 1,641,693; Sept. 6.
 Table torchère or analogous article. L. Zweig. Des. 73,421-2; Sept. 6.
 Tables. Extension leaf for. D. G. Anderson. 1,641,518; Sept. 6.
 Tables. Extension top for. G. W. Krick. 1,641,495; Sept. 6.
 Tank: See—
 Refrigerator tank. Transformer tank.
 Septic tank.
 Tank hose coupling. L. H. Cain and J. H. and C. J. Brogan. 1,641,839; Sept. 6.
 Tap changer. C. A. Roberts. 1,641,294; Sept. 6.
 Telegraph exchange system. Printing. D. B. Perry. 1,641,290; Sept. 6.
 Telephone system. J. H. Lewis, jr. 1,641,228; Sept. 6.
 Telephone system. C. E. Lomax. 1,641,931; Sept. 6.
 Telephone system. H. W. O'Neill. 1,641,449-50; Sept. 6.
 Telephone system. W. T. Powell. 1,641,233; Sept. 6.
 Telephone system. Automatic. W. T. Powell. 1,641,232; Sept. 6.
 Telephone system. Automatic. W. T. Powell. 1,641,236; Sept. 6.
 Telephone system. Automatic. A. Thomas and C. Stewart. 1,641,788; Sept. 6.
 Telephone system. Manual. W. T. Powell. 1,641,234-5; Sept. 6.
 Telephone systems. Service-observing equipment for. J. E. Ostline. 1,641,453; Sept. 6.
 Telephone systems. Trunking arrangement for automatic. R. G. Richardson. 1,641,833; Sept. 6.
 Temperature indicator and time-indicating attachment therefor. J. W. Maynard. 1,641,343; Sept. 6.
 Tennis-net post. Adjustable. A. Bassford. 1,641,246; Sept. 6.
 Thermometers. Method of and device for mounting. F. W. Paul. 1,641,500; Sept. 6.
 Ticket-dispensing apparatus. J. M. Fernandez. 1,641,884; Sept. 6.
 Tiles. Facing. F. P. Schemmel. 1,641,553; Sept. 6.
 Time electric switch. G. A. Gemmer and C. E. Campbell. 1,641,161; Sept. 6.
 Time relays. Quick-acting mechanism for. W. H. Petersén. 1,641,643; Sept. 6.
 Timer. Cam-operated. G. D. Lawson. 1,641,930; Sept. 6.
 Tire carrier. E. B. Jackson. 1,641,890; Sept. 6.
 Tire. Cushion. W. A. Brubaker. 1,641,150; Sept. 6.
 Tire-inflating means. C. Romer. 1,641,457; Sept. 6.
 Tire meters. Pressure-operated switch for. C. W. Aue. 1,641,796; Sept. 6.
 Tire. Pneumatic. L. E. Trotter. 1,641,792; Sept. 6.
 Tobacco can. S. A. Arntz. 1,641,565; Sept. 6.
 Toilet-flushing mechanism. C. A. Wulf. 1,641,652; Sept. 6.
 Toilet kit. M. H. Walker. 1,641,650; Sept. 6.
 Tool. T. A. Plehn and G. Heer. 1,641,824; Sept. 6.
 Tool. Carpenter's combination. T. M. Shearer. 1,641,831; Sept. 6.
 Tool for removing jar caps. R. B. Burleigh. 1,641,152; Sept. 6.
 Tool. Pneumatic. F. M. Slater. 1,641,357; Sept. 6.
 Tool. Rotary drilling. H. R. Hughes. 1,641,273; Sept. 6.
 Tool. Wire twisting and cutting. G. W. Mattson. 1,641,822; Sept. 6.
 Torpedo. J. H. Hammons, jr. 1,641,165; Sept. 6.
 Towers. Joint for structural. B. W. Connely. 1,641,801; Sept. 6.
 Toy. F. J. Lemieux. 1,641,175; Sept. 6.
 Toy. W. T. Wallace. 1,641,209; Sept. 6.
 Toy aeroplane. K. C. Spatz. 1,641,607; Sept. 6.
 Toy and making same. Mechanical. C. Zabel. 1,641,653; Sept. 6.
 Toy. Gymnastic. P. Esser. 1,641,477; Sept. 6.
 Toy or similar article. G. L. Harrison. Des. 73,407; Sept. 6.
 Toy. Racing. H. E. McCoy. 1,641,639; Sept. 6.
 Tractor. P. H. Danly. 1,641,802-3; Sept. 6.

Tractor. E. A. Johnston and P. H. Danly. 1,641,813; Sept. 6.
 Tractor-cultivator combination. F. V. Donald. 1,641,158; Sept. 6.
 Tractor. Tracklaying. J. E. Heaslet. 1,641,331; Sept. 6.
 Traffic-controlling apparatus. Railway. H. A. Thompson. 1,641,789; Sept. 6.
 Trailer coupler. W. Mayer. Rel. 6,731; Sept. 6.
 Transformer-bushing support. S. Horelick. 1,641,270; Sept. 6.
 Transformer cooler. R. V. Bingay. 1,641,247; Sept. 6.
 Transformer tank. R. V. Bingay. 1,641,248; Sept. 6.
 Transformer-tap changer. S. Horelick. 1,641,271; Sept. 6.
 Transformer winding. S. Horelick. 1,641,272; Sept. 6.
 Transmission control. F. H. Graham. 1,641,425; Sept. 6.
 Transmitting device. Impulse. J. G. Blessing. 1,641,616-7; Sept. 6.
 Transmitting variable conditions. E. Roucka. 1,641,197-8; Sept. 6.
 Transoms. Actuating device for door and window. J. P. Clarke. 1,641,738; Sept. 6.
 Traveling bag. L. N. Doud. 1,641,747; Sept. 6.
 Traveling structures. Safety stop for. A. F. Case. 1,641,734; Sept. 6.
 Tree: See—
 Shoe tree.
 Tree. Imitation. K. A. Grant, F. R. Halliday, and A. W. Cameron. 1,641,163; Sept. 6.
 Tripod. R. E. Kapps. 1,641,592; Sept. 6.
 Truck. House-moving. S. P. Griffin. 1,641,848; Sept. 6.
 Truck. Mining-machine. C. B. Officer. 1,641,862; Sept. 6.
 Trucks. Loading apparatus for shovel-nose hand. C. O. Carlson. 1,641,371; Sept. 6.
 Trunk. Wardrobe. O. G. Lemmer. 1,641,595; Sept. 6.
 Trunking system. Straightforward. R. S. Bailey. 1,641,218; Sept. 6.
 Truss. D. O'Brien. 1,641,339; Sept. 6.
 Tube cleaner. E. Bertone. 1,641,812; Sept. 6.
 Tubes and similar articles. Machine for making. G. A. Folsy. 1,641,222; Sept. 6.
 Turbine. Hydraulic. E. Gross and E. J. Brikner. 1,641,755; Sept. 6.
 Turbine. Hydraulic. W. M. White. 1,641,363; Sept. 6.
 Typewriter. M. Shmadn. 1,641,297; Sept. 6.
 Typewriting machine. A. G. F. Kurowski. 1,641,929; Sept. 6.
 Undergarment. S. T. Metz. 1,641,284; Sept. 6.
 Universal coupling. G. H. Hufferd. 1,641,355; Sept. 6.
 Valve. P. S. Harper. 1,641,675; Sept. 6.
 Valve. F. T. Lane. 1,641,892; Sept. 6.
 Valve. Automatic measuring. F. M. Gunn. 1,641,267; Sept. 6.
 Valve control. Automatic. W. Fourness. 1,641,628; Sept. 6.
 Valve. Drifting. J. B. Pruitt. 1,641,864; Sept. 6.
 Valve. Float-controlled. J. H. Stockholder. 1,641,240; Sept. 6.
 Valve for playing balls. H. Goldsmith. 1,641,382; Sept. 6.
 Valve mechanism. Inlet. P. Haas. 1,641,756; Sept. 6.
 Valve-operating means. A. C. Whidden. 1,641,560-1; Sept. 6.
 Valve-seat reamer. A. C. Savidge. 1,641,868; Sept. 6.
 Valve-spring lifter. O. Blomberg. 1,641,618; Sept. 6.
 Valve stems. Making. A. W. Limont. Rel. 6,780; Sept. 6.
 Vehicle body. W. H. Bennett. 1,641,877; Sept. 6.
 Vehicle construction. G. B. Ingersoll. 1,641,333; Sept. 6.
 Vehicle construction. Motor. J. G. Utz. 1,641,242; Sept. 6.
 Vehicle. Plastic-concrete-delivery. W. M. Walker. 1,641,913; Sept. 6.
 Vehicle wheel. C. J. Dalton. 1,641,663; Sept. 6.
 Vehicles. Controlling device for motor. J. H. Pace. 1,641,779; Sept. 6.
 Vehicles. Direction-indicating and warning device for motor road. H. A. Widmer. 1,641,720; Sept. 6.
 Vehicles provided with two motors. Transmission device for. P. Donon. 1,641,253; Sept. 6.
 Vehicles. Suspension for. J. W. Myers. 1,641,640; Sept. 6.
 Vehicles. Signal device for. S. G. Richards. 1,641,504; Sept. 6.
 Vehicles. Spring suspension for. D. Brown. 1,641,472; Sept. 6.
 Vending machine. J. B. Johnson. 1,641,539; Sept. 6.
 Vending machine. E. Morell. 1,641,860; Sept. 6.
 Veneer machines. Driven pressure bar for. G. H. Osgood. 1,641,452; Sept. 6.
 Ventilating and humidifying. System of. E. Nesdahl. 1,641,899; Sept. 6.
 Vibrating device. A. M. Curtis. 1,641,251; Sept. 6.
 Vibration dampener. K. R. Manville. 1,641,230; Sept. 6.
 Vibratory structures. Supporting. T. C. Roberts. 1,641,602; Sept. 6.
 Voltmeter and phase-rotation indicator. Combined. H. W. Hall. 1,641,757; Sept. 6.
 Waffle iron. G. B. Quatman. 1,641,455; Sept. 6.
 Wall-board. Nail-penetrable. M. K. Armstrong. 1,641,611; Sept. 6.
 Wall construction. Concrete. F. M. Barton. 1,641,147; Sept. 6.
 Walnut dehydrator. J. C. Welles. 1,641,716; Sept. 6.
 Washing and polishing device. E. C. Joseph. 1,641,494; Sept. 6.
 Washing machine. A. H. Grauer. 1,641,481; Sept. 6.
 Washing machine. C. McLean. 1,641,344; Sept. 6.
 Washing machines. Driving mechanism for. F. Maus. 1,641,770; Sept. 6.
 Water-bottle stopper. H. P. Kraft. 1,641,594; Sept. 6.
 Water heater. T. P. Cronin. 1,641,532; Sept. 6.
 Wave energy. System for determining the direction of propagation of. F. A. Hubbard. 1,641,432; Sept. 6.
 Weather strip. S. W. Nicholson. 1,641,191; Sept. 6.
 Weather strip for sliding closures. E. J. Cook. 1,641,157; Sept. 6.
 Well-pumping apparatus. J. B. Hawley, jr. 1,641,329; Sept. 6.
 Wells. Device for cementing. A. Boynton. 1,641,915; Sept. 6.
 Wheel: See—
 Automobile wheel. Grinding wheel.
 Compound wheel. Vehicle wheel.
 Wheel and brake-drum structure. Vehicle. P. A. White. 1,641,309; Sept. 6.
 Wheel construction. Front. E. R. Gurney. 1,641,224; Sept. 6.
 Wheel lugs. V-shaped appliance for tractor. W. Lutz. 1,641,282; Sept. 6.
 Winding mechanism. Braid hank. S. A. Neldich. 1,641,288; Sept. 6.
 Window. C. A. Lewis. 1,641,390; Sept. 6.
 Window and stile. C. A. Lewis. 1,641,391; Sept. 6.
 Window operator. Casement. C. E. Spencer and O. W. Roberts. Des. 73,417; Sept. 6.
 Windshield cleaner. T. B. Klapper. 1,641,336; Sept. 6.
 Windshield cleaner. B. I. Malouf. 1,641,683; Sept. 6.
 Windshield-wiper-operating mechanism. F. L. Gerke. 1,641,753; Sept. 6.
 Wire glass. Method and apparatus for making. J. A. Reece. 1,641,932; Sept. 6.
 Woodworking apparatus. M. Skolnik. 1,641,646; Sept. 6.
 Wrench: See—
 End wrench. Pipe wrench.
 Wrench. G. Browning and P. J. Bohan. 1,641,730; Sept. 6.
 Wrench. M. M. Harman. 1,641,484; Sept. 6.
 Wrench. W. H. Kewish. 1,641,634; Sept. 6.
 Wringer: See—
 Clothes wringer.
 Wringer. O. B. Woodrow. 1,641,516; Sept. 6.
 X-Ray tube and installation for operating the said tube. A. Bouwers. 1,641,410; Sept. 6.
 Yarn-mass support. H. D. Colman. 1,641,661; Sept. 6.
 Yeast and producing the same. Dry. C. B. Hill and M. H. Givens. 1,641,676-7; Sept. 6.

CLASSIFICATION OF PATENTS

ISSUED SEPTEMBER 6, 1927.

NOTE.—First number=class, second number=subclass, third number=patent number.

2—	22: 1,641,318	35—	16: 1,641,773	72—	71: 1,641,556	94—	24: 1,641,655	126—	1: 1,641,818	158—	104: 1,641,350
	23: 1,641,733		85: 1,641,316		118: 1,641,303		46: 1,641,703		27.2: 1,641,367		106: 1,641,275
	30: 1,641,234	36—	6: 1,641,535		1,641,903	95—	22: 1,641,867		38: 1,641,624		109: 1,641,888
	169: 1,641,701		11.5: 1,641,625	73—	119: 1,641,872		66: 1,641,420		45: 1,641,475	159—	2: 1,641,349
	193: 1,641,310		35: 1,641,689		21: 1,641,748		73: 1,641,622		99: 1,641,825	164—	10.5: 1,641,636
	227: 1,641,487		1,641,826		37: 1,641,840	97—	36: 1,641,207		102: 1,641,211		42: 1,641,257
4—	67: 1,641,652		76: 1,641,886		52: 1,641,500		83: 1,641,706		113: 1,641,587		48: 1,641,678
	185: 1,641,514	37—	43: 1,641,723		54: 1,641,229	99—	2: 1,641,340		292: 1,641,875		69: 1,641,866
5—	179: 1,641,459		175: 1,641,580		82: 1,641,380		10: 1,641,676		37: 1,641,771	166—	1: 1,641,915
	354: 1,641,231	39—	30: 1,641,797		109: 1,641,838		10: 1,641,677	127—	37: 1,641,771		13: 1,641,741
7—	13: 1,641,168	40—	19.5: 1,641,697		110: 1,641,387		11: 1,641,446	128—	33: 1,641,355		14: 1,641,921
	1,641,831		55: 1,641,684		122: 1,641,907	100—	12: 1,641,174		112: 1,641,339	167—	3: 1,641,153
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	142: 1,641,782		23: 1,641,226		7: 1,641,418		35: 1,641,238	129—	13: 1,641,397		119: 1,641,925
15—	24: 1,641,494		147: 1,641,735		9: 1,641,419		41: 1,641,562		16: 1,641,600		123: 1,641,359
	104.04: 1,641,375	44—	9: 1,641,520		1,641,426		111: 1,641,507		16.1: 1,641,713		206: 1,641,644
	104.14: 1,641,312	45—	7: 1,641,249		1,641,428	102—	114: 1,641,143		16.5: 1,641,488		209: 1,641,434
	137: 1,641,865		37: 1,641,832		1,641,698		24: 1,641,549		16.7: 1,641,293		309: 1,641,654
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	255: 1,641,336		113: 1,641,495		1,641,845		25: 1,641,943		24: 1,641,711		313: 1,641,732
	1,641,683		1,641,518		14: 1,641,344		77: 1,641,878	130—	5: 1,641,436		318: 1,641,386
17—	44: 1,641,508		1,641,209		33: 1,641,311		126: 1,641,486	131—	10: 1,641,538		245: 1,641,693
18—	8: 1,641,588	46—	37: 1,641,209		34: 1,641,428		161: 1,641,509		12: 1,641,849		246: 1,641,737
	16: 1,641,922		40: 1,641,175		1,641,477		175: 1,641,717		39: 1,641,795		276: 1,641,548
	18: 1,641,490		1,641,213		1,641,556		180: 1,641,613		51: 1,641,816		279: 1,641,704
	1,641,499		1,641,477		1,641,656	104—	188: 1,641,501		1,641,517		1,641,908
	51: 1,641,156		1,641,914		35: 1,641,766		91: 1,641,458		1,641,657	173—	259: 1,641,837
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	53: 1,641,573	48—	180: 1,641,332		1,641,692	105—	46: 1,641,151		36: 1,641,751		318: 1,641,270
	59: 1,641,923	49—	4: 1,641,918		39: 1,641,396		161: 1,641,862		79: 1,641,650		328: 1,641,159
	60: 1,641,404		5: 1,641,497		1,641,779		197: 1,641,719		82: 1,641,293		330: 1,641,223
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20—	61: 1,641,553		1,641,883		54: 1,641,902		366: 1,641,185	134—	79: 1,641,765		361: 1,641,411
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	1,641,391		1,641,920		1,641,253	106—	410: 1,641,208		1,641,413	175—	41: 1,641,389
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	1,641,191		47: 1,641,806		100: 1,641,859		20: 1,641,641	135—	36: 1,641,842		1,641,438
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23—	66: 1,641,563		86: 1,641,932	75—	1: 1,641,422		31: 1,641,637		108: 1,641,685		1,641,635
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	232: 1,641,817		23: 1,641,628		45: 1,641,326	108—	57: 1,641,313		145: 1,641,379		1,641,945
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	56: 1,641,851		209: 1,641,791		60: 1,641,484		104: 1,641,470		70: 1,641,320		1,641,724
	68: 1,641,255		1,641,731		66: 1,641,260		171: 1,641,823		73: 1,641,879		1,641,758
	71: 1,641,372		1,641,799		84: 1,641,153	113—	1: 1,641,366		78: 1,641,944		320: 1,641,285
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	153: 1,641,936		7: 1,641,262		1,641,232		114: 1,641,672		104: 1,641,172		343: 1,641,251
	219: 1,641,901		10: 1,641,455		162: 1,641,634		21: 1,641,165		1,641,240		356: 1,641,272
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25—	2: 1,641,582		24: 1,641,940		10: 1,641,726	115—	35: 1,641,937	140—	119: 1,641,822		360: 1,641,473
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	30: 1,641,793	60—	1: 1,641,830		62: 1,641,699		5: 1,641,774		60: 1,641,193		115: 1,641,308
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	1,641,887		1,641,784		1,641,868		11: 1,641,911		45.9: 1,641,611		1,641,234
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1,641,443	121: 1,641,203	40: 1,641,528	34: 1,641,789	156.5: 1,641,710	55: 1,641,502
210: 1,641,621	138: 1,641,170	41: 1,641,775	182: 1,641,461	261-123: 1,641,394	31: 1,641,319
189-19: 1,641,801	48: 1,641,491	51: 1,641,571	293: 1,641,855	262-28: 1,641,430	97: 1,641,889
24: 1,641,227	1: 1,641,322	85: 1,641,514	306: 1,641,210	265-49: 1,641,596	298-17: 1,641,369
56: 1,641,506	64: 1,641,764	73.5: 1,641,457	448: 1,641,578	68: 1,641,603	22: 1,641,365
79: 1,641,523	29: 1,641,850	78: 1,641,671	4: 1,641,702	1,641,603	299-133: 1,641,778
190-13: 1,641,595	44: 1,641,709	95: 1,641,267	15: 1,641,265	1,641,381	300-7: 1,641,686
43: 1,641,747	46: 1,641,552	100: 1,641,577	16: 1,641,602	1,641,334	301-6: 1,641,300
192-17: 1,641,893	47: 1,641,805	61: 1,641,705	20: 1,641,558	1,641,381	35: 1,641,399
82: 1,641,258	50: 1,641,857	64: 1,641,680	1,641,690	20: 1,641,472	44: 1,641,282
194-6: 1,641,212	56: 1,641,565	2: 1,641,439	43: 1,641,592	31: 1,641,640	63: 1,641,663
55: 1,641,304	104: 1,641,777	29: 1,641,850	65: 1,641,531	48: 1,641,572	29: 1,641,181
85: 1,641,539	119: 1,641,492	35: 1,641,534	8: 1,641,431	63: 1,641,856	63: 1,641,149
106-4: 1,641,804	502: 1,641,407	14: 1,641,470	10: 1,641,289	69: 1,641,268	40: 1,641,819
56: 1,641,305	5: 1,641,800	22: 1,641,480	16: 1,641,395	62: 1,641,160	4: 1,641,331
116: 1,641,941	6: 1,641,469	77: 1,641,430	20: 1,641,513	116: 1,641,738	68: 1,641,533
124: 1,641,852	51: 1,641,843	81: 1,641,742	35: 1,641,410	81: 1,641,423	83: 1,641,601
147: 1,641,546	51.5: 1,641,493	1,641,743	36: 1,641,425	50: 1,641,177	91: 1,641,417
197-22: 1,641,297	72: 1,641,780	5: 1,641,798	3: 1,641,892	72: 1,641,482	134: 1,641,377
132: 1,641,929	90: 1,641,938	32: 1,641,906	93: 1,641,675	31: 1,641,707	142: 1,641,715
198-156: 1,641,891	169: 1,641,485	58: 1,641,591	109: 1,641,942	58: 1,641,188	
183: 1,641,642	196: 1,641,736	8: 1,641,783	3: 1,641,281	29: 1,641,246	
195: 1,641,515	211-8: 1,641,783	229-65: 1,641,408	252-78: 1,641,665	33: 1,641,155	
220: 1,641,435	1,641,860	230-1: 1,641,904			

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ALPHABETICAL LIST OF REGISTRANTS OF TRADE-MARKS.

- Aalborg Portland-Cement-Fabrik, Aalborg, Denmark. Whiting, 232,744; Sept. 13; Serial No. 247,155; published July 5, 1927. Class 16.
- Abadie, Julia A., New Orleans, La. Seasonings for food. 232,590; Sept. 13; Serial No. 247,588; published June 28, 1927. Class 46.
- Acacia Fraternity, Worcester, Mass. Fraternity pins, badges, charms, etc. 232,632; Sept. 13; Serial No. 244,734; published June 28, 1927. Class 28.
- Action Gesellschaft für Anilin Fabrikation, Berlin, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y. Synthetic medicines and preparations made therefrom. 64,994; renewed Sept. 3, 1927.
- Action Gesellschaft für Anilin Fabrikation, Berlin, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y. Perfumes. 64,995; renewed Sept. 3, 1927.
- Action Gesellschaft für Anilin Fabrikation, Berlin, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y. Anesthetics. 65,287; renewed Sept. 17, 1927.
- Adams-Sibley Development Corporation, New York, N. Y. Electric pick-ups used in connection with electric sound-reproducing machines. 232,751; Sept. 13; Serial No. 248,602; published July 5, 1927. Class 36.
- African Cigarette Company, Limited, London, England, assignee of Maspero Frères, Limited, assignor to African Cigarette Company, Limited, London, England, and Cairo, Egypt. Cigarettes, cigars, smoking and chewing tobacco. 65,680; renewed Oct. 15, 1927.
- Alliance Art Products Company, The, Alliance, Ohio. Face powders, creams and packs, toilet waters, rouges, etc. 232,753; Sept. 13; Serial No. 248,025; published June 21, 1927. Class 6.
- Allstates Oil & Supply Co. (See From, Abraham.)
- Alma Manufacturing Company of Baltimore City, Baltimore, Md. Fasteners for the waistbands of trousers. 232,505; Sept. 13; Serial No. 246,261; published June 7, 1927. Class 40.
- Altman, B., & Co., New York, N. Y. Dresses and wraps. 232,722; Sept. 13; Serial No. 221,687; published June 21, 1927. Class 39.
- Amberg, Schwab & Co., Inc., New York, N. Y. Braids. 232,538; Sept. 13; Serial No. 247,352; published May 31, 1927. Class 40.
- American Blower Company. (See Davidson, Samuel C., assignor.)
- American Cable Company, Inc., Wilmington, Del., and New York, N. Y. Wire rope. 232,677; Sept. 13; Serial No. 232,112; published July 5, 1927. Class 7.
- American Retail Storage Co., The, Columbus, Ohio, and Indianapolis, Ind. Men's topcoats, overcoats, and suits. 232,686; Sept. 13; Serial No. 235,447; published June 14, 1927. Class 39.
- Arnao, Charles, Company, Inc., Minneapolis, Minn. Oil. 232,789; Sept. 13; Serial No. 249,633; published July 5, 1927. Class 6.
- As-roses Mfg. Co. (See Purple, John G.)
- Barron-Anderson Company, Boston, Mass. Men's suits, overcoats, and topcoats. 232,528; Sept. 13; Serial No. 248,389; published June 28, 1927. Class 39.
- Beacon Falls Rubber Shoe Co., Beacon Falls, Conn. Arctics. 232,667; Sept. 13; Serial No. 248,952; published June 28, 1927. Class 39.
- Beacon Oil Company, Boston, Mass. Motor oils, lubricating oils and greases. 232,598; Sept. 13; Serial No. 237,220; published Oct. 26, 1926. Class 15.
- Bebr Bros. Co., Inc., New York, N. Y. Pianos and player pianos. 232,727; Sept. 13; Serial No. 231,180; published July 5, 1927. Class 36.
- Benford, Charles A., doing business as Virginia May Laboratories, Newtonville, Mass. Liquid preparation. 232,542; Sept. 13; Serial No. 247,308; published June 28, 1927. Class 6.
- Benjamin-Hartoon Company, Wayne, Mich. Mustard, sweet pickle relish, maple sirup, honey, etc. 232,679; Sept. 13; Serial No. 233,100; published June 28, 1927. Class 46.
- Berkshire Knitting Mills, Wyomissing, Reading, Pa. Ladies' full-fashioned hosiery. 232,546-8; Sept. 13; Serial Nos. 247,665-7; published June 21, 1927. Class 39.
- Best & Co., Inc., New York, N. Y. Woolly dogs, dolls, rattles, etc. 232,557; Sept. 13; Serial No. 242,468; published July 5, 1927. Class 22.
- Better Homes Equipment Co., The. (See Bliven, Frank S.)
- Beutell, Charles A., doing business as Service Laboratories, Omaha, Neb. Moth crystals. 232,787; Sept. 13; Serial No. 249,833; published July 5, 1927. Class 6.
- Blanchini, Ferrier, Lyon, France. Piece goods of silk, wool, cotton, and hairs. 232,592; Sept. 13; Serial No. 247,671; published July 5, 1927. Class 42.
- Birdsboro Steel Foundry and Machine Company, Birdsboro, Pa. Steel castings. 232,757; Sept. 13; Serial No. 248,808; published July 5, 1927. Class 14.
- Bishop and Bishop, Duffield, Va. Medicine for catarrh, stomach, and liver. 232,559; Sept. 13; Serial No. 242,703; published June 28, 1927. Class 6.
- Blechnman, S., & Sons, Inc., New York, N. Y. Umbrellas. 232,536; Sept. 13; Serial No. 247,253; published May 31, 1927. Class 41.
- Blechnman, S., & Sons, Inc., New York, N. Y. Powder puffs. 232,537; Sept. 13; Serial No. 247,254; published July 5, 1927. Class 29.
- Blechnman, S., & Sons, Inc., New York, N. Y. Wash cloths, cloth blankets, etc. 232,580; Sept. 13; Serial No. 247,252; published July 5, 1927. Class 42.
- Blechnman, S., & Sons, Inc., New York, N. Y. Tapestry and wall drapes, curtains, etc. 232,745; Sept. 13; Serial No. 247,255; published July 5, 1927. Class 42.
- Bliven, Frank S., doing business as The Better Homes Equipment Co., Baltimore, Md. Oil-burning apparatus. 232,798; Sept. 13; Serial No. 247,254; published July 5, 1927. Class 34.
- Blosser Co., The, Atlanta, Ga. Medicated smoking preparations. 232,813; Sept. 13; Serial No. 247,254; published July 5, 1927. Class 6.
- Boehrlinger, C. F., & Soehne, Mannheim-Waldhof, Germany, and New York, N. Y. assignor to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y. Chemicals. 65,161; renewed Sept. 10, 1927.
- Boston & Lockport Block Company, East Boston, Mass. Heavy hardware. 232,732; Sept. 13; Serial No. 238,567; published July 5, 1927. Class 23.
- Brockman, Ernest W., doing business as Brockman Brothers, New York, N. Y. Agate buttons. 232,523; Sept. 13; Serial No. 248,150; published June 14, 1927. Class 40.
- Brother's, Inc., Seattle, Wash. Hop-flavored malt sirup. 232,653; Sept. 13; Serial No. 249,509; published July 5, 1927. Class 48.
- Buckeye Producing Co., The, Toledo, Ohio. Malt sirup. 232,606; Sept. 13; Serial No. 241,516; published July 5, 1927. Class 48.
- Buhner Fertilizer Company, Seymour, Ind. Lawn and crop fertilizer. 232,812; Sept. 13; Serial No. 246,152; published June 21, 1927. Class 39.
- Burkhardt Bros. Co., The, Cincinnati, Ohio. Tuxedos and shirts. 232,571; Sept. 13; Serial No. 246,152; published June 21, 1927. Class 39.
- California Peach & Fig Growers Association, Fresno, Calif. Dried figs. 232,808; Sept. 13; Serial No. 246,152; published June 21, 1927. Class 46.
- Callahan, C., Company, The, La Fayette, Ind. Ammonia, baking soda, baking powder, etc. 232,650; Sept. 13; Serial No. 248,553; published July 5, 1927. Class 6.
- Canfield, J. Clair, doing business as Canfield Hatchery, Sidney, Ohio. Baby chicks. 232,809; Sept. 13; Serial No. 248,553; published July 5, 1927. Class 46.
- Capri-Pad Co., The, West New York, N. J. Dental pad or poultice. 232,659; Sept. 13; Serial No. 248,345; published June 28, 1927. Class 6.
- Captain Kidd Products, Inc., Brooklyn, N. Y. Flavoring sirups and extracts for foods. 232,500; Sept. 13; Serial No. 245,892; published June 28, 1927. Class 46.
- Carlton Mills, Inc., New York, N. Y. Pyjamas, night robes, underwear, etc. 232,555; Sept. 13; Serial No. 247,867; published June 14, 1927. Class 39.
- Carp & Co., Mount Vernon, Ill. Overalls, work shirts, pants, etc. 232,574; Sept. 13; Serial No. 247,002; published June 14, 1927. Class 39.
- Carr and Craig, Baltimore, Md. Malt sirup. 232,765; Sept. 13; Serial No. 249,779; published July 5, 1927. Class 6.
- Carroll, Ralph W., doing business as Cnrat Company of America, Bowling Green, Ky. Remedy or specific for the elimination of uric acid, etc. 232,720; Sept. 13; Serial No. 213,953; published Jan. 12, 1926. Class 6.
- Casa Anchorena, Inc., New York, N. Y. Rubber heels. 232,512; Sept. 13; Serial No. 246,462; published June 14, 1927. Class 39.
- Casler, Fred M., doing business as Casler Food Products Co., Los Angeles, Calif. Salad dressing, tartar sauce, jams, etc. 232,602; Sept. 13; Serial No. 238,636; published June 28, 1927. Class 46.
- Central Shoe Company, St. Louis, Mo. Shoes. 232,680; Sept. 13; Serial No. 233,103; published June 21, 1927. Class 39.
- Charter Oak Stove & Range Company, St. Louis, Mo. Electric stoves and ranges. 232,778; Sept. 13; Serial No. 248,218; published July 5, 1927. Class 21.
- Chatterton & Son, Lansing, Mich. Dried beans. 232,834; Sept. 13; Serial No. 244,666; published July 5, 1927. Class 46.
- Chemical Foundation, Incorporated, The. (See Action Gesellschaft für Anilin Fabrikation, assignor.)
- Chemical Foundation, Incorporated, The. (See Boehrlinger, C. F., & Soehne, assignor.)
- Chemical Foundation, Incorporated, The. (See Chemische Fabrik auf Aktien (vorm. E. Schering, assignor.)

Chemical Foundation, Incorporated, The. (See Farbwerke vorm. Meister Lucius & Brüning, assignor.)
 Chemical Foundation, Incorporated, The. (See Hennefer Maschinenfabrik C. Reuther & Reiser m. b. H., assignor.)
 Chemische Fabrik auf Actien (vorm. E. Schering), Berlin, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y. Medicines. 65,291; renewed Sept. 17, 1927.
 Chicago Hardware Foundry Company, North Chicago, Ill. Lavatory drying apparatus of the electrically-actuated type. 232,779; Sept. 13; Serial No. 248,346; published July 5, 1927. Class 21.
 Chicago Mail Order Company, Chicago, Ill. Shirts and pants. 232,507; Sept. 13; Serial No. 246,667; published June 14, 1927. Class 39.
 Chicago Mail Order Company, Chicago, Ill. Rubber tires, inner tubes, etc. 232,730; Sept. 13; Serial No. 235,110; published July 5, 1927. Class 35.
 Chocolate Products Co., Chicago, Ill. Food beverage and sirup for making the same. 232,609; Sept. 13; Serial No. 244,043; published June 28, 1927. Class 46.
 Churchill and Alden Company, Brockton, Mass. Shoes. 232,575; Sept. 13; Serial No. 247,067; published June 7, 1927. Class 39.
 Citrus Products Corporation, Los Angeles, Calif. Fruit juices for beverage purposes. 232,714; Sept. 13; Serial No. 207,968; published July 5, 1927. Class 45.
 Clarion Knitting Mills, Inc., New York, N. Y. Underwear, ties, scarfs, and mufflers. 232,529-30; Sept. 13; Serial Nos. 248,391-2; published June 28, 1927. Class 39.
 Clifton Manufacturing Company, Clifton, S. C. Sheetings, shirtings, and drillings. 66,548; renewed Dec. 10, 1927.
 Cohn & Rosenberger, Inc., New York, N. Y. Necklaces, brooches, bracelets, etc. 232,752; Sept. 13; Serial No. 247,888; published July 5, 1927. Class 28.
 Cohn & Rosenberger, Inc., New York, N. Y. Necklaces, brooches, bracelets, etc. 232,777; Sept. 13; Serial No. 247,889; published July 5, 1927. Class 28.
 Columbian Rope Company, Auburn, N. Y. Cordage. 65,092; renewed Sept. 10, 1927.
 Connecticut Automotive Specialties Company, Bridgeport, Conn. Electric cigar lighters and trouble lamps. 232,566; Sept. 13; Serial No. 246,597; published June 28, 1927. Class 21.
 Cooper Rain Wear Mfg. Co., New York, N. Y. Raincoats. 232,584; Sept. 13; Serial No. 247,461; published June 14, 1927. Class 39.
 Co-operative Lettuce & Cauliflower Ass'n., Troutdale, Ore. Fresh vegetables and berries. 232,802; Sept. 13, 1927. Class 46.
 Cracker Jack Co., The, Chicago, Ill. Raw popcorn. 232,678; Sept. 13; Serial No. 232,814; published July 5, 1927. Class 46.
 Crestwell Hatters, Inc., New York, N. Y. Men's stiff and felt hats. 232,582; Sept. 13; Serial No. 247,361; published June 14, 1927. Class 39.
 Cumberland Shoe Co., Newark, N. J. Shoes, slippers, and boots; overshoes, and shoe findings, etc. 232,515; Sept. 13; Serial No. 247,989; published June 14, 1927. Class 39.
 Curat Company of America. (See Carroll, Ralph W.)
 Cushman-Hollos Company, Auburn, Me. Shoes. 232,578; Sept. 13; Serial No. 247,173; published June 14, 1927. Class 39.
 Davidson, Samuel C., Belfast, Ireland, assignor to American Flower Company, Detroit, Mich. Heating and ventilating apparatus. 65,980; renewed Nov. 5, 1927.
 Davidson, Samuel C., Belfast, Ireland, assignor to American Flower Company, Detroit, Mich. Machinery. 66,042; renewed Nov. 5, 1927.
 Dayton Pump & Manufacturing Company, The, Dayton, Ohio. Pumps. 232,751; Sept. 13; Serial No. 248,814; published July 5, 1927. Class 23.
 Detroit Oak Belting Company, Detroit, Mich. Leather belting. 67,177; renewed Jan. 21, 1928.
 Deutsch, A. M., Manitou, Colo. Bulgarian buttermilk. 232,682; Sept. 13; Serial No. 232,672; published June 28, 1927. Class 46.
 Dickinson, Albert, Company, The, Chicago, Ill. Cloth bags. 232,665; Sept. 13; Serial No. 248,665; published July 5, 1927. Class 2.
 Dobbratz, Louis, Co., Milwaukee, Wis. Wholesale groceries. 232,581; Sept. 13; Serial No. 247,266; published June 28, 1927. Class 46.
 Dolph-Murray, Inc., New York, N. Y. Men's suits, pants, overcoats, shirts, etc. 232,594; Sept. 13; Serial No. 245,622; published June 14, 1927. Class 39.
 Draper-Maynard Company, The, Plymouth, N. H. Golf balls. 232,643; Sept. 13; Serial No. 249,648; published July 5, 1927. Class 22.
 Drese, W. F., doing business as Drese Safety Toe Shoe Company, St. Louis, Mo. Shoes. 232,517; Sept. 13; Serial No. 248,032; published June 14, 1927. Class 39.
 E-Z Health Laboratories, Beech Creek, Pa. Laxative chewing gum. 232,690; Sept. 13; Serial No. 236,677; published June 28, 1927. Class 6.
 Eaton, Charles A., Company, Brockton, Mass. Shoes. 232,607; Sept. 13; Serial No. 244,220; published June 14, 1927. Class 39.
 Eddy-Form Brassiere Co., Inc., New York, N. Y. Corsets, girdles, and ladies' underwear. 232,549; Sept. 13; Serial No. 247,680; published June 14, 1927. Class 39.
 Eddy-Form Brassiere Co., Inc., New York, N. Y. Brassieres, corsets, girdles, and ladies' underwear. 232,550; Sept. 13; Serial No. 247,681; published June 14, 1927. Class 39.
 Electric Railway Improvement Co., The, Cleveland, Ohio. Electrical conductors. 66,420; renewed Nov. 26, 1927.
 Endel & Peles Straw Hat Works, Inc., Beacon and New York, N. Y. Straw hats. 232,697; Sept. 13; Serial No. 228,746; published June 14, 1927. Class 39.
 Englund, Renben H. A., Kent, Wash. Radio loud speakers. 232,772; Sept. 13; Serial No. 244,436; published July 5, 1927. Class 21.
 Enterprise Manufacturing Company, The, Akron, Ohio. Fishing reels. 232,803; Sept. 13. Class 22.
 Epstein Frank & Lochner Inc., Buffalo, N. Y. Suits and overcoats. 232,516; Sept. 13; Serial No. 247,992; published June 21, 1927. Class 39.
 Esca Pharmaceutical Laboratories, New York, N. Y. Cough medicine. 232,787; Sept. 13; Serial No. 249,578; published July 5, 1927. Class 6.
 Etha Chemical Company, New York, N. Y. Antipyretic and analgesic medical preparation. 66,903; renewed Jan. 7, 1928.
 Excelsior Shoe Company, The, Portsmouth, Ohio. Shoes and boots. 232,526; Sept. 13; Serial No. 248,228; published June 14, 1927. Class 39.
 Farbwerke vorm. Meister Lucius & Brüning, Höchst-on-the-Main, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y. Benzoylguaiacol. 65,165; renewed Sept. 10, 1927.
 Federal Gauge Company, The, Chicago, Ill. Electrically-actuated control for electric switches. 232,564; Sept. 13; Serial No. 246,594; published June 28, 1927. Class 21.
 Field Bros. & Gross Co., Auburn, Me. Shoes. 232,552; Sept. 13; Serial No. 247,732; published June 28, 1927. Class 39.
 Fink, William B., Washington, D. C. Bread. 232,717; Sept. 13; Serial No. 210,227; published June 28, 1927. Class 46.
 Fluta, Alexander, doing business as Fluta Studios, New York, N. Y. Artistic bronze goods and sculptures. 232,796; Sept. 13. Class 50.
 Firestone-Apsley Rubber Company, Hudson, Mass. Boots and shoes of rubber and fabric. 232,725; Sept. 13; Serial No. 226,894; published June 14, 1927. Class 39.
 Fischer, Carl, Inc., New York, N. Y. Bows for stringed instruments. 232,770; Sept. 13; Serial No. 242,718; published July 5, 1927. Class 36.
 Fischer, Carl, Inc., New York, N. Y. Reeds for metal wind instruments. 232,773; Sept. 13; Serial No. 245,703; published July 5, 1927. Class 36.
 Fitzgerald, David F. M., doing business as Fitzlik Shirt Company, Fall River, Mass. Shirts. 232,508; Sept. 13; Serial No. 246,745; published June 14, 1927. Class 39.
 Fitzlik Shirt Company. (See Fitzgerald, David F. M.)
 Foote, Plerson & Company, Inc., New York, N. Y. Slide casters for furniture. 232,585; Sept. 13; Serial No. 247,469; published July 5, 1927. Class 13.
 Forstmann & Hufmann Company, Passaic, N. J. Woolen piece goods. 232,646; Sept. 13; Serial No. 249,653; published July 5, 1927. Class 42.
 Forstmann & Hufmann Company, Passaic, N. J. Woolen piece goods. 232,790; Sept. 13; Serial No. 249,654; published July 5, 1927. Class 42.
 Fredman-Cramer Company, Kansas City, Mo. Preparations used in dressing the hair. 232,729; Sept. 13; Serial No. 233,539; published July 5, 1927. Class 6.
 Freund, Adolph, doing business as Vitapine Co., Woodside, N. Y. Medical bath liquid. 232,746; Sept. 13; Serial No. 247,534; published July 5, 1927. Class 6.
 Frisbie, Pauline, doing business as Marvo Company, Los Angeles, Calif. Salves. 232,589; Sept. 13; Serial No. 246,399; published June 28, 1927. Class 6.
 From, Abraham, doing business as Allstates Oil & Supply Co., South Bend, Ind. Lubricating oils. 232,702; Sept. 13; Serial No. 247,073; published July 5, 1927. Class 15.
 Garcia, Charles E., Washington, D. C. Cigars. 232,519; Sept. 13; Serial No. 248,096; published July 5, 1927. Class 17.
 Garfinkel, Frank, doing business as Garfo Chemical Co., New York, N. Y. Mouth wash, catarrhal cream, etc. 232,740; Sept. 13; Serial No. 245,347; published July 5, 1927. Class 6.
 Garfo Chemical Co. (See Garfinkel, Frank.)
 Gaston, Roland D., New Kensington, Pa. Medicine. 232,709; Sept. 13; Serial No. 249,413; published July 5, 1927. Class 6.
 Geise, Harry, Company, Inc., New York, N. Y. Hoods of wool, straw, hemp, horsehair, etc. 232,699; Sept. 13; Serial No. 230,667; published June 14, 1927. Class 39.
 General Motors Corporation. (See Howard Automobile Company, assignor.)
 Goldman, Wm. P., & Bros., Inc., New York, N. Y. Men's suits and overcoats. 232,618; Sept. 13; Serial No. 247,949; published June 14, 1927. Class 39.
 Goldsmith, Stern & Company, New York, N. Y. Watches. 232,774; Sept. 13; Serial No. 245,902; published July 5, 1927. Class 27.
 Goldstein, Samuel, New York, N. Y. Cravats. 232,556; Sept. 13; Serial No. 242,180; published June 21, 1927. Class 39.
 Gorton-Pew Fisheries Company, Ltd., Gloucester, Mass. Dried and salted codfish. 232,672-3; Sept. 13; Serial Nos. 247,995-6; published July 5, 1927. Class 46.
 Graf, John, Company, Milwaukee, Wis. Ginger ale and beverages. 232,791; Sept. 13; Serial No. 249,657; published July 5, 1927. Class 45.
 Grain Belt Mills Company, South St. Joseph, Mo. Horse, mule, and dairy feed. 232,621; Sept. 13; Serial No. 247,856; published June 28, 1927. Class 46.
 Grain Belt Mills Company, South St. Joseph, Mo. Horse, mule, and chicken feed. 232,622; Sept. 13; Serial No. 247,855; published June 28, 1927. Class 46.
 Grain Belt Mills Company, South St. Joseph, Mo. Horse and mule feed. 232,623; Sept. 13; Serial No. 247,843; published June 28, 1927. Class 46.
 Graves, Frank, Sash, Door & Mill Co., Los Angeles, Calif. Sash balances. 232,657; Sept. 13; Serial No. 249,054; published July 5, 1927. Class 13.
 Greco Canning Company, Inc., San Jose, Calif. Canned fruits. 232,683-4; Sept. 13; Serial Nos. 235,209-10; published June 28, 1927. Class 46.
 Greco Canning Company, Inc., San Jose, Calif. Canned fruits. 232,685; Sept. 13; Serial No. 235,212; published June 28, 1927. Class 46.
 Griggs, Cooper & Company, St. Paul, Minn. Shoe laces. 232,676; Sept. 13; Serial No. 231,855; published June 14, 1927. Class 49.
 Grimes Radio Engineering Co., Inc., Grassmere, Staten Island, N. Y. Radio receiving sets and parts thereof. 232,782; Sept. 13; Serial No. 248,898; published July 5, 1927. Class 21.
 Gumpert, J. I. and Sons, Inc., New York, N. Y. Cravats, ties, mufflers, etc. 232,614; Sept. 13; Serial No. 243,437; published June 14, 1927. Class 39.
 H. & B. Textile Chemical Corporation, New York, N. Y. Preparation for scouring vegetable textile materials. 232,652; Sept. 13; Serial No. 249,165; published July 5, 1927. Class 6.
 H. & B. Textile Chemical Corporation, New York, N. Y. Water softener for textile finishes. 232,786; Sept. 13; Serial No. 249,169; published July 5, 1927. Class 6.
 Hamill, D. L., Co., Buffalo, N. Y. Bathtubs, sinks, lavatories, laundry trays, etc. 232,638; Sept. 13; Serial No. 248,177; published July 5, 1927. Class 13.
 Harpur & Kirschtien Shoe Co., The, Chicago, Ill. Shoes. 232,633; Sept. 13; Serial No. 244,692; published June 14, 1927. Class 39.
 Harpur & Kirschtien Shoe Co., The, Chicago, Ill. Shoes. 232,738; Sept. 13; Serial No. 244,154; published June 21, 1927. Class 39.
 Heather Company, New York, N. Y. Face powders, creams, packs, toilet waters, rouges, etc. 232,645; Sept. 13; Serial No. 246,278; published July 5, 1927. Class 6.
 Heller, L. & Son, Inc., New York, N. Y. Strings of pearls and reproduction of pearls or imitations thereof. 232,716; Sept. 13; Serial No. 207,241; published Apr. 27, 1926. Class 28.
 Hennefer Maschinenfabrik C. Reuther & Reiser m. b. H., Hennefer, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y. Weighing apparatus. 65,296; renewed Sept. 17, 1927.
 Herder, Friedr., Abr. Sohn, Solingen, Germany. Razors and safety razors. 232,710; Sept. 13; Serial No. 249,411; published July 5, 1927. Class 23.
 Herpolsheimer Company, Grand Rapids, Mich. Sheets and pillowcases. 232,800; Sept. 13. Class 42.
 Herzog, Joseph C., doing business as Nereid Trading Company, Brooklyn, N. Y. Peanuts, almonds, pistachio nuts, etc. 232,494; Sept. 13; Serial No. 245,053; published July 5, 1927. Class 46.
 Heyman, Wilbert A., New York, N. Y. Chocolate milk and fresh fruits, candied nuts, etc. 232,700; Sept. 13; Serial No. 232,997; published June 28, 1927. Class 46.
 Hicks, H. & Son, Inc., New York, N. Y. Canned, dried, and fresh fruits, candied nuts, etc. 232,700; Sept. 13; Serial No. 232,997; published June 28, 1927. Class 46.
 Hillside Cotton Mills, Lagrange, Ga. Textile rugs. 232,628; Sept. 13; Serial No. 244,935; published July 5, 1927. Class 42.
 Hinkeloch Brothers & Company, Detroit, Mich. Hosiery. 232,541; Sept. 13; Serial No. 247,472; published June 14, 1927. Class 39.
 Holden-Leonard Company, New York, N. Y. Worsted and woolen textile fabrics. 232,641; Sept. 13; Serial No. 248,262; published July 5, 1927. Class 42.
 Home Lighting Company. (See Trump, Charles S.)
 Hood Rubber Company, Watertown, Mass. Rubber boots and shoes, rubber overshoes, etc. 232,498; Sept. 13; Serial No. 245,489; published June 14, 1927. Class 39.
 Hovey, C. F., Co., Boston, Mass. Dress shields. 232,540; Sept. 13; Serial No. 247,474; published May 31, 1927. Class 40.
 Hovey, C. F., Co., Boston, Mass. Blankets, sheets, etc. 232,586; Sept. 13; Serial No. 247,476; published July 5, 1927. Class 42.
 Howard Automobile Company, San Francisco, Calif., assignor to General Motors Corporation, Detroit, Mich. Second-hand Buick automobiles repaired, refinished, and restored to substantially their initial condition. 232,688; Sept. 13; Serial No. 236,037; published July 5, 1927. Class 19.
 Hume, G. W., Company, San Francisco, Calif. Canned fruits and vegetables. 232,810; Sept. 13. Class 46.
 Interstate Corrugated Box Co., Inc., Brooklyn, N. Y. Corrugated and solid fiber-board cartons. 232,658; Sept. 13; Serial No. 248,495; published July 5, 1927. Class 2.
 Interstate Corrugated Box Co., Inc., Brooklyn, N. Y. Corrugated and solid fiber-board cartons. 232,661-2; Sept. 13; Serial Nos. 248,496-7; published July 5, 1927. Class 2.
 Interstate Smelting & Refining Co., Inc., Newark, N. J. Wedding rings. 232,748; Sept. 13; Serial No. 247,795; published July 5, 1927. Class 28.
 Isaac, Isidore, doing business as I. Isaac & Co., New York, N. Y. Ties. 232,567; Sept. 13; Serial No. 246,556; published June 28, 1927. Class 39.
 Isabean Laboratories. (See Manganiello, Albert C.)
 Isbell-Kent-Oakes Dry Goods Company, The, Denver, Colo. Children's linen dresses, cotton dresses, linen rompers, ladies' linen dresses, etc. 232,737; Sept. 13; Serial No. 242,483; published June 28, 1927. Class 39.
 Jackson, Nathan T., New York, N. Y. Wiping clothes. 232,801; Sept. 13. Class 29.
 Jacobs, David, Corporation, New York, N. Y. Women's hosiery. 232,532; Sept. 13; Serial No. 248,478; published June 28, 1927. Class 39.
 Jaunty Garment Co., Inc., New York, N. Y. Suits, coats, and dresses. 232,739; Sept. 13; Serial No. 245,096; published June 14, 1927. Class 39.
 Jergens, Andrew, Company, The, Cincinnati, Ohio. Elastic bands. 232,497; Sept. 13; Serial No. 245,397; published June 7, 1927. Class 40.
 Jifco, Inc., Massillon, Ohio. Water softener. 232,694; Sept. 13; Serial No. 243,369; published July 5, 1927. Class 6.
 Johnson, Carvell & Murphy. (See Kellogg, Sylvanus H., assignor.)
 Jones, Effie T., San Pedro, Calif. Medicinal aqueous solution. 232,708; Sept. 13; Serial No. 249,527; published July 5, 1927. Class 6.
 Jordan Marsh Company, Boston, Mass. Bias-fold tape. 232,544; Sept. 13; Serial No. 247,543; published May 31, 1927. Class 40.
 Kappa Alpha Order, The, Orlando, Fla. Fraternity pins, badges, lapel buttons, cuff links, charms, etc. 232,495; Sept. 13; Serial No. 245,056; published June 28, 1927. Class 28.
 Kasco Mills, Inc., Waverly, N. Y. Dairy and poultry feed. 232,509; Sept. 13; Serial No. 246,755; published June 28, 1927. Class 46.
 Kasten, David, Yonkers, N. Y. Medicinal preparation. 232,756; Sept. 13; Serial No. 248,700; published July 5, 1927. Class 6.
 Katz & Ogush, Inc., New York, N. Y. Finger rings, bar pins, bracelets, brooches, etc. 232,608; Sept. 13; Serial No. 244,079; published June 28, 1927. Class 28.
 Katz & Ogush, Inc., New York, N. Y. Watches, watch-cases, and watch movements. 232,771; Sept. 13; Serial No. 244,080; published July 5, 1927. Class 27.
 Katz & Ogush, Inc., New York, N. Y. Watches, watch-cases, and watch movements. 232,780; Sept. 13; Serial No. 248,574; published July 5, 1927. Class 27.
 Kellogg, Sylvanus H., assignor to Johnson, Carvell & Murphy, Los Angeles, Calif. Insect paste. 65,636; renewed Oct. 15, 1927.
 Kelly Axe & Tool Co., Inc., Charleston, W. Va. Axes, axes, bush hooks, grass hooks, grub hoes, etc. 232,733; Sept. 13; Serial No. 240,142; published July 5, 1927. Class 23.
 Knapp Electric Corporation, Port Chester, N. Y. Electric motors. 232,597; Sept. 13; Serial No. 245,058; published June 28, 1927. Class 21.
 Knox Hat Company, Inc., New York, N. Y. Hats for men. 232,534; Sept. 13; Serial No. 247,190; published June 21, 1927. Class 39.
 Kohlberg, Alfred, Inc., New York, N. Y. Silk piece goods and lace fabrics. 232,792; Sept. 13; Serial No. 249,663; published July 5, 1927. Class 42.
 Krank, Alfred J., St. Paul, Minn. Shampoo. 232,713; Sept. 13; Serial No. 192,704; published Apr. 28, 1925. Class 6.
 Kroger Grocery & Baking Co., The, Cincinnati, Ohio. Coffee. 232,603; Sept. 13; Serial No. 238,909; published Dec. 14, 1926. Class 46.
 Krows Tonic Company. (See Peoples Drug Stores, Inc.)
 Lactela Company, The, San Francisco, Calif. Preparation in powdered form used as a disinfectant and deodorant. 232,642; Sept. 13; Serial No. 248,305; published June 28, 1927. Class 6.
 La France Hat Co., Inc., New York, N. Y. Women's, misses', and children's hats. 232,671; Sept. 13; Serial No. 248,004; published June 14, 1927. Class 39.
 Lamont, Corliss & Company, New York, N. Y. Cocoa, milk cocoa, chocolate coatings, sweet milk chocolate, etc. 232,816; Sept. 13. Class 46.
 Land O'Lakes Creameries Inc., Minneapolis, Minn. Sweet, condensed, powdered, evaporated milk, sweet cream, poultry feed, etc. 232,493; Sept. 13; Serial No. 245,014; published June 28, 1927. Class 46.

Landay Bros., Inc., New York, N. Y. Cabinets for radio-phonograph, combinations of radio and phonograph. 232,755; Sept. 13; Serial No. 248,578; published July 5, 1927. Class 32.

Landesman Hirschelmer Company, The, Cleveland, Ohio. Ladies' cloaks, outer suits, and outer skirts. 66,880; renewed Dec. 31, 1927.

Lehman Company of America, Inc., The, Cannelton, Ind. Chairs, settees, bassinets, etc. 232,814; Sept. 13. Class 32.

Leslie-California Salt Co., San Francisco, Calif. Table salt. 232,735; Sept. 13; Serial No. 242,011; published July 5, 1927. Class 6.

Levi & Seligman, Inc., New York, N. Y. Dresses. 232,615; Sept. 13; Serial No. 243,880; published June 21, 1927. Class 39.

Lilly, E. L., and Company, Indianapolis, Ind. Colloidal bismuth. 232,656; Sept. 13; Serial No. 249,279; published June 28, 1927. Class 6.

Macy, R. H., & Co., Inc., New York, N. Y. Shoes. 232,811; Sept. 13. Class 39.

Major Fruit Products Company, Portland, Oreg. Beverages. 232,502; Sept. 13; Serial No. 246,214; published July 5, 1927. Class 45.

Malleable Iron Range Company, Beaver Dam, Wis. Gas and coal ranges, etc. 232,576; Sept. 13; Serial No. 247,090; published July 5, 1927. Class 34.

Mammala Corporation, New York, N. Y. Special, dry milk for babies, invalids, etc. 232,681; Sept. 13; Serial No. 233,210; published June 28, 1927. Class 46.

Manganello, Albert C., doing business as Isabeau Laboratories, New York, N. Y. Cold and vanishing cream, scalp balm, oil and cream shampoo, hair tonic, etc. 232,591; Sept. 13; Serial No. 247,621; published June 28, 1927. Class 6.

Marshall Field & Company, Chicago, Ill. Underwear. 232,799; Sept. 13. Class 39.

Martory, Alfred, Paris, France. Perfumes. 232,520; Sept. 13; Serial No. 248,110; published June 28, 1927. Class 6.

Marvo Company. (See Frisbie, Pauline.)

Maspero Frères, Limited. (See African Cigarette Company, Limited, assignor.)

Matthews, Daniel, Newark, N. J. Medical preparation. 232,788; Sept. 13; Serial No. 249,597; published July 5, 1927. Class 6.

Matthews Electric Supply Co., Inc., Birmingham, Ala. Lighting fixtures. 232,776; Sept. 13; Serial No. 247,275; published July 5, 1927. Class 21.

McCabe & Sheeran Machinery Corporation, New York, N. Y. Upright boring mills, radial drills, drilling machines, planers, etc. 232,797; Sept. 13. Class 23.

McClennan, Dr. J. H., Medicine Co., The, St. Louis, Mo. Medicinal preparation. 232,728; Sept. 13; Serial No. 232,931; published July 5, 1927. Class 6.

Melsel, C., assignor to C. Melsel, Inc., New York, N. Y. Musical instruments. 66,159; renewed Nov. 12, 1927.

Melsel, Charles, assignor to C. Melsel, Inc., New York, N. Y. Musical instruments. 66,105; renewed Nov. 12, 1927.

Melsel, Chas., assignor to C. Melsel, Inc., New York, N. Y. Musical instruments. 66,142; renewed Nov. 12, 1927.

Menachof, Bert, doing business as Stanford Laboratories, Cincinnati, Ohio. Tonic. 232,750; Sept. 13; Serial No. 248,854; published July 5, 1927. Class 6.

Merrimack Manufacturing Company, Lowell, Mass. Plie fabrics. 232,763-4; Sept. 13; Serial Nos. 249,738-9; published July 5, 1927. Class 42.

Meyer, Louis, Co., Brooklyn, N. Y. Imported-style frankfurters, frankfurter-style sausage, etc. 232,804; Sept. 13. Class 46.

Meyers, Maxwell, Boston, Mass. Trumpets, clarinets, alto horns, etc. 232,635; Sept. 13; Serial No. 244,564; published June 28, 1927. Class 36.

Miller, Clifford L., & Co., assignor to Minwax Company, Inc., New York, N. Y. Preservative paints in liquid or paste form. 66,560; renewed Dec. 10, 1927.

Minnesota Co-operative Egg & Poultry Exchange, Inc., St. Paul, Minn. Eggs and dressed poultry. 232,604; Sept. 13; Serial No. 240,360; published June 28, 1927. Class 46.

Minwax Company, Inc. (See Miller, Clifford L., & Co., assignor.)

Milown Creme Co., Los Angeles, Calif. Vanishing cream. 232,692; Sept. 13; Serial No. 238,384; published Apr. 26, 1927. Class 6.

Mitchell, Frederick W., M. D., Cleveland, Ohio. Throat and nasal spray. 232,736; Sept. 13; Serial No. 242,138; published July 5, 1927. Class 6.

Monarch Company (formerly known as Monarch Suspender Co.), New York, N. Y. Suspenders and belts. 66,670; renewed Dec. 17, 1927.

Nashua Manufg. Company, Nashua, N. H. Cotton piece goods. 232,674; Sept. 13; Serial No. 248,012; published July 5, 1927. Class 42.

Nashua Package Sealing Co., Inc., Nashua, N. H. Machines for moistening, serving, or applying adhesives, etc. 232,741; Sept. 13; Serial No. 245,365; published July 5, 1927. Class 23.

Nathanson, Jacob E., Boston, Mass. Imitation candy. 232,760; Sept. 13; Serial No. 249,672; published July 5, 1927. Class 22.

Neiman-Marcus Company, Dallas, Tex. Perfumes and toilet articles. 232,734; Sept. 13; Serial No. 241,115; published July 5, 1927. Class 6.

Nereld Trading Company. (See Herzog, Joseph C.)

Neutrowound Radio Mfg. Co., Homewood, Ill. Radio receiving sets and parts thereof. 232,783; Sept. 13; Serial No. 248,967; published July 5, 1927. Class 21.

New Holland Machine Co., New Holland, Pa. Coal-burning furnaces. 232,663; Sept. 13; Serial No. 248,511; published July 5, 1927. Class 34.

New York Merchandise Company, New York, N. Y. Agate buttons. 232,524; Sept. 13; Serial No. 248,186; published June 14, 1927. Class 40.

O'Connell, B. W., & Company, Minneapolis, Minn. Ointments for skin diseases. 232,651; Sept. 13; Serial No. 249,017; published July 5, 1927. Class 6.

Oden, Eugene R., doing business as Waterproof Paint Company, Lankershim, Calif. Carbonaceous waterproof coating composition for joints and reservoirs. 232,599; Sept. 13; Serial No. 237,277; published Nov. 23, 1926. Class 16.

Oelrich & Berry Company, Chicago, Ill. Molasses. 232,689; Sept. 13; Serial No. 238,282; published June 28, 1927. Class 46.

Ohio Brass Company, The, Mansfield, Ohio. Valves. 65,218; renewed Sept. 10, 1927.

Oliver Relish Company, The, Newark, N. J. Pepper, salad, and celery relish. 232,620; Sept. 13; Serial No. 247,866; published June 28, 1927. Class 46.

Olmstead Corporation, Springfield, Mass. Sanitary belts. 232,747; Sept. 13; Serial No. 247,561; published July 5, 1927. Class 44.

Oppenheim & Baruch, Inc., New York, N. Y. Collars and cuffs, vests, and scarfs. 232,510; Sept. 13; Serial No. 246,974; published June 14, 1927. Class 39.

Oppenheim, Oberndorf & Co., Inc., doing business as The Sealpax Company, Baltimore, Md. Men's athletic underwear. 232,601; Sept. 13; Serial No. 238,610; published June 7, 1927. Class 39.

Orange Mutual Citrus Association, Orange, Calif. Fresh citrus fruit. 232,668; Sept. 13; Serial No. 249,533; published July 5, 1927. Class 46.

Owl Drug Company, The, San Francisco, Calif. Preparation for destroying insects and vermin, bronchial troches, etc. 232,712; Sept. 13; Serial No. 166,403; published Feb. 19, 1924. Class 6.

Pai Radio Company, Inc., The, Jersey City, N. J. Radio receiving apparatus. 232,768; Sept. 13; Serial No. 238,520; published July 5, 1927. Class 21.

Pappas, Harry, Chicago, Ill. Beverage and sirup for making the same. 232,654; Sept. 13; Serial No. 249,487; published July 5, 1927. Class 45.

Patchcraft Corporation, The, New York, N. Y. Ready-cut patches for patchwork. 232,527; Sept. 13; Serial No. 248,245; published June 14, 1927. Class 40.

Pears, A. & F., Limited, London, England. Perfumed soap. 65,748; renewed Oct. 22, 1927.

Pears, A. & F., Limited, London, England. Perfumed soap. 65,895; renewed Oct. 29, 1927.

Penney, J. C., Company, Wilmington, Del., and New York, N. Y. Rubber baby pants. 232,511; Sept. 13; Serial No. 246,982; published June 14, 1927. Class 39.

Penney, J. C., Company, Wilmington, Del., and New York, N. Y. Brass pins. 232,561-2; Sept. 13; Serial Nos. 246,977-8; published May 31, 1927. Class 40.

Peoples Drug Stores, Inc., doing business as Krows Tonic Company, Washington, D. C. Medicinal tonic. 232,693; Sept. 13; Serial No. 240,996; published July 5, 1927. Class 6.

Phoenix Hosiery Company, Milwaukee, Wis. Hosiery. 232,545; Sept. 13; Serial No. 247,567; published June 14, 1927. Class 39.

Phoenix Hosiery Company, Milwaukee, Wis. Hosiery. 232,588-9; Sept. 13; Serial Nos. 247,565-6; published June 14, 1927. Class 39.

Pickwick Dress Company, New York, N. Y. Dresses, coats, and suits. 232,543; Sept. 13; Serial No. 247,443; published June 21, 1927. Class 39.

Pierce Petroleum Corporation, Wilmington, Del., and St. Louis, Mo. Lubricating oils. 232,660; Sept. 13; Serial No. 248,521; published June 28, 1927. Class 15.

Piqua Hosiery Company, The, Piqua, Ohio. Knitted and textile underwear for men and boys. 232,627; Sept. 13; Serial No. 244,957; published June 28, 1927. Class 39.

Pollard, Mary F., Richmond, Va. Leggings. 232,613; Sept. 13; Serial No. 243,560; published June 28, 1927. Class 39.

Precision Electric Mfg. Corp., The, Los Angeles, Calif. A and B battery condensers, grid plates, etc., for radio apparatus. 232,630; Sept. 13; Serial No. 244,885; published June 28, 1927. Class 21.

Preissle, Frank P., Jr., doing business as F. P. Preissle Company, East St. Louis, Ill. Pencils. 232,795; Sept. 13. Class 37.

Premier Sport Products, Incorporated, New York, N. Y. Clock golf game. 232,521; Sept. 13; Serial No. 248,125; published July 5, 1927. Class 22.

Prym, William, G. m. b. H., Stolberg, Germany. Pins, safety pins, snap fasteners, etc. 232,644; Sept. 13; Serial No. 245,312; published June 21, 1927. Class 40.

Przybylski, Stanley, Chicago, Ill. Ice-cream confection. 232,637; Sept. 13; Serial No. 248,056; published July 5, 1927. Class 46.

Puritan Chemical Company, Atlanta, Ga. Deodorizer and moth repellent. 232,706; Sept. 13; Serial No. 249,604; published July 5, 1927. Class 6.

Purple, John G., doing business as As-roses Mfg. Co., Minneapolis, Minn. Perspiration deodorant. 232,655; Sept. 13; Serial No. 249,438; published June 28, 1927. Class 6.

Queen Anne Candy Company, Inc., Seattle, Wash. Candy. 232,766; Sept. 13; Serial No. 249,807; published July 5, 1927. Class 46.

Radio Corporation of America, New York, N. Y. Vacuum tubes and valves. 232,775; Sept. 13; Serial No. 246,773; published July 5, 1927. Class 21.

Radium Research Foundation, Los Angeles, Calif. Medicinal preparation. 232,617; Sept. 13; Serial No. 247,963; published June 28, 1927. Class 6.

Ratty, Mrs. John J., Ventnor, N. J. Cake icing. 232,619; Sept. 13; Serial No. 247,907; published June 28, 1927. Class 46.

Reading Malt & Hops Co., Reading, Pa. Extract or sirup of malt and hops. 232,669; Sept. 13; Serial No. 249,540; published July 5, 1927. Class 48.

Red Spot Electric Co., Inc., Tacoma, Wash. Electric water heaters. 232,784; Sept. 13; Serial No. 249,021; published July 5, 1927. Class 21.

Roberts-Wicks Company, Utica, N. Y. Overcoats, coats, suits, etc. 232,698; Sept. 13; Serial No. 230,416; published June 14, 1927. Class 39.

Robinson, Emmett E., Jacksonville, Fla. Textile towels. 232,806; Sept. 13. Class 42.

Roche, Richard J., Haverhill, Mass. Women's leather shoes. 232,664; Sept. 13; Serial No. 248,517; published June 21, 1927. Class 39.

Roddenberry, Walter R., Cairo, Ga. Table sirup. 232,639; Sept. 13; Serial No. 248,198; published June 28, 1927. Class 46.

Roebke, Edward A., New York, N. Y. Beverages sold as soft drinks and sirups for making the same. 232,691; Sept. 13; Serial No. 236,773; published July 5, 1927. Class 45.

Rogers Bros. & Co., Los Angeles, Calif. Pharmaceutical preparation. 232,648; Sept. 13; Serial No. 248,324; published July 5, 1927. Class 6.

Rogers Peet Company, New York, N. Y. Trousers, vests, coats, knickerbockers, overcoats, etc. 232,503; Sept. 13; Serial No. 246,229; published June 14, 1927. Class 39.

Röhm & Haas Company, Philadelphia, Pa. Coal-tar derivative. 232,758; Sept. 13; Serial No. 247,511; published July 5, 1927. Class 6.

Röhm & Haas Company, Philadelphia, Pa. Cellulose-ester lacquers. 232,759; Sept. 13; Serial No. 247,512; published July 5, 1927. Class 6.

Rosenberg, Harry, & Co., New York, N. Y., and Paris, France. Ladies' hats. 232,513; Sept. 13; Serial No. 247,909; published June 21, 1927. Class 39.

Ryan, W. J., Corporation, Oklahoma City, Okla. Gasoline, lubricating oils, and greases. 232,718; Sept. 13; Serial No. 211,870; published Oct. 16, 1925. Class 15.

Salomon, Charles, & Co., Inc., New York, N. Y. Dresses. 232,501; Sept. 13; Serial No. 245,957; published June 14, 1927. Class 39.

Salomon, Charles, & Co., Inc., New York, N. Y. Dresses. 232,514; Sept. 13; Serial No. 247,987; published June 21, 1927. Class 39.

Sapiro, I. & B., Cloak Co., New York, N. Y. Ladies' coats. 232,600; Sept. 13; Serial No. 238,195; published June 21, 1927. Class 39.

Scher-Sanders Corporation, New York, N. Y. Linen, cotton, silk, and rayon piece goods, etc. 232,579; Sept. 13; Serial No. 247,217; published July 5, 1927. Class 42.

Schoeneman, J., Incorporated, Baltimore, Md. Coats, vests, trousers, etc. 232,522; Sept. 13; Serial No. 248,131; published June 28, 1927. Class 39.

Schott, Harold B., Providence, R. I. Protectors for hosiery. 232,587; Sept. 13; Serial No. 247,497; published June 14, 1927. Class 39.

Scott and Fetzer Company, The, Cleveland, Ohio. Aerials for radio receiving sets. 232,719; Sept. 13; Serial No. 212,832; published June 28, 1927. Class 21.

Sealpax Company, The. (See Oppenheim, Oberndorf & Co.)

Service Laboratories. (See Beutell, Charles A.)

Sewell Paint and Varnish Company, Kansas City, Mo. Automobile finishing compound. 232,703; Sept. 13; Serial No. 247,103; published July 5, 1927. Class 16.

Shakeproof Lock Washer Company, Chicago, Ill. Lock washers. 232,805; Sept. 13. Class 13.

Shapiro & Rubin, New York, N. Y. Jackets. 232,577; Sept. 13; Serial No. 247,104; published June 14, 1927. Class 39.

Sherr Bros., New York, N. Y. Dresses. 232,572; Sept. 13; Serial No. 245,866; published June 14, 1927. Class 39.

Shirek & Hirsch, New York, N. Y. Men's and young men's coats, vests, trousers, etc. 232,558; Sept. 13; Serial No. 242,693; published June 21, 1927. Class 39.

Shotwell Mfg. Co., The, Chicago, Ill. Candy bar. 232,761; Sept. 13; Serial No. 249,679; published July 5, 1927. Class 46.

Sidney-Machine Tool Company, The, Sidney, Ohio. Lathes. 232,749; Sept. 13; Serial No. 247,827; published July 5, 1927. Class 23.

Siegel, A. L., doing business as A. L. Siegel Co., New York, N. Y. Powder puffs. 232,533; Sept. 13; Serial No. 247,043; published July 5, 1927. Class 29.

Silfex Company, The. (See Twyman, Raymond B.)

Silver Springs Water Company. (See Sinalko, William.)

Sinalko, William, doing business as Silver Springs Water Company, Madison, Wis. Spring water. 232,762; Sept. 13; Serial No. 249,680; published July 5, 1927. Class 45.

Smith, D. B., & Company, Inc., Utica, N. Y. Sprayers, spray pumps, and powder dusters. 232,707; Sept. 13; Serial No. 249,548; published July 5, 1927. Class 23.

Snider, T. A., Preserve Co., The, Chicago, Ill. Canned fruits, vegetables, jams, vinegar, soups, salad dressing, etc. 232,616; Sept. 13; Serial No. 243,238; published June 28, 1927. Class 46.

Société Anonyme les Dentifrices du Docteur Pierre, Nanterre, France. Dentifrices. 232,785; Sept. 13; Serial No. 249,383; published July 5, 1927. Class 6.

Soda Lunch Equipment Co., Inc., New York, N. Y. Sirups, fruit extracts, crushed and preserved fruits, etc. 232,726; Sept. 13; Serial No. 227,373; published July 20, 1926. Class 46.

Southwestern Milling Co., Inc., The, New York, N. Y. Wheat flour. 232,724; Sept. 13; Serial No. 225,492; published June 28, 1927. Class 46.

Spector Brothers, Philadelphia, Pa. Men's and young men's suits, topcoats, overcoats, knickers, etc. 232,553; Sept. 13; Serial No. 247,758; published June 21, 1927. Class 39.

Speed, James and E. S., Taylorsville, Ky. Smoked hams. 232,793; Sept. 13. Class 46.

Standard Co., Inc., The, St. Albans, Vt. Golf tees. 232,531; Sept. 13; Serial No. 248,450; published July 5, 1927. Class 22.

Stanford Laboratories. (See Menachof, Bert.)

Stebell Silks Corporation, New York, N. Y. Silk piece goods. 232,612; Sept. 13; Serial No. 243,892; published July 5, 1927. Class 42.

Stein & Ellbogen Company, Chicago, Ill. Jewelry and novelties. 232,743; Sept. 13; Serial No. 246,510; published July 5, 1927. Class 28.

Sterello Company, The, New Orleans, La. Dental cream and wash. 232,695; Sept. 13; Serial No. 243,461; published July 5, 1927. Class 6.

Stevens, Chas. A., & Bros., Chicago, Ill. Perfumes and toilet waters. 232,705; Sept. 13; Serial No. 249,758; published July 5, 1927. Class 6.

Stewart-Warner Speedometer Corporation, Chicago, Ill. Loud speakers for radio receiving apparatus. 232,769; Sept. 13; Serial No. 242,317; published July 5, 1927. Class 21.

Stott, David, assignor to David Stott Flour Mills Inc., Detroit, Mich. Wheat flour. 64,761; renewed Aug. 20, 1927.

Stroman & Reavis, New York, N. Y. Hair grower and tonic. 232,647; Sept. 13; Serial No. 247,832; published July 5, 1927. Class 6.

Strawson Corporation, New York, N. Y. Nails. 232,721; Sept. 13; Serial No. 220,259; published July 5, 1927. Class 13.

Students Two-Pants Clothing Company, Inc., New York, N. Y. Men's, boys', and youths' coats, suits, vests, and trousers. 232,525; Sept. 13; Serial No. 248,204; published June 21, 1927. Class 39.

Sullivan Paint Company, St. Louis, Mo. Paints, varnish stain, oil stain, etc. 232,711; Sept. 13; Serial No. 247,346; published July 5, 1927. Class 16.

Sunset Feather Company, San Francisco, Calif. Pillows and mattresses. 232,731; Sept. 13; Serial No. 238,409; published July 5, 1927. Class 32.

Sunset Petroleum Corporation, Los Angeles, Calif. Motor oils and greases. 232,640; Sept. 13; Serial No. 248,205; published June 28, 1927. Class 15.

Susquehanna Silk Mills, assignor to Susquehanna Silk Mills, New York, N. Y. Silk piece goods and silk mixed piece goods. 67,063; renewed Jan. 14, 1928.

Susquehanna Silk Mills, assignor to Susquehanna Silk Mills, New York, N. Y. Silk piece goods and silk mixed piece goods. 67,082; renewed Jan. 14, 1928.

Theonett & Co., Chicago, Ill. Table sauce or dressing used for meats, soups, etc. 232,687; Sept. 13; Serial No. 235,535; published June 28, 1927. Class 46.

Transo Envelope Company, Chicago, Ill. Mailing envelopes. 232,696; Sept. 13; Serial No. 227,609; published Dec. 28, 1926. Class 37.

Trout, Herbert P., Knox, Pa. Salve. 232,649; Sept. 13; Serial No. 248,536; published July 5, 1927. Class 6.

Truitt Brothers Incorporated, Binghamton, N. Y. Children's shoes. 232,715; Sept. 13; Serial No. 208,495; published June 28, 1927. Class 39.

Trump, Charles S., doing business as Home Lighting Company, Martinsburg, W. Va. Individual gas-lighting plants. 232,504; Sept. 13; Serial No. 246,239; published July 5, 1927. Class 34.

Tully, Henry J., New York, N. Y. Knitted underwear. 232,551; Sept. 13; Serial No. 247,716; published June 14, 1927. Class 39.

Tutelman & Kohn, Philadelphia, Pa. Men's shirts having collars attached. 232,583; Sept. 13; Serial No. 247,452; published June 14, 1927. Class 39.

Twyman, Raymond B., doing business as The Siltex Company, Chicago, Ill. Chemical for preserving silk hosiery and other silk and artificial-silk textiles and fabrics. 232,570; Sept. 13; Serial No. 246,242; published June 28, 1927. Class 6.

Ulmer Leather Company, The, Norwich, Conn. Leather belting. 232,794; Sept. 13. Class 35.

United States Rubber Company, New York, N. Y. Boots and shoes. 232,631; Sept. 13; Serial No. 244,802; published June 14, 1927. Class 39.

Usona Shirt Company, The, New York, N. Y. Shirts and pyjamas. 232,554; Sept. 13; Serial No. 247,763; published June 14, 1927. Class 39.

Vacaville Fruit Growers Association, Vacaville, Calif. Fresh deciduous fruits and grapes. 232,670; Sept. 13; Serial No. 249,555; published July 5, 1927. Class 46.

Vacuum Oil Company, New York, N. Y. Oils, greases, and waxes, etc. 232,701; Sept. 13; Serial No. 246,790; published July 5, 1927. Class 15.

Van Dyke Knitting Company, Milwaukee, Wis. Underwear. 232,568; Sept. 13; Serial No. 246,520; published June 21, 1927. Class 39.

Victor Adding Machine Company, Chicago, Ill. Adding machines. 232,754; Sept. 13; Serial No. 248,333; published July 5, 1927. Class 26.

Virginia May Laboratories, (See Benford, Charles A.) Vitapine Co. (See Freund, Adolph.)

Wachter, Johann H., New York, N. Y. Patterns for producing lacework. 232,506; Sept. 13; Serial No. 246,521; published June 7, 1927. Class 40.

Wager & Hirsch, Inc., New York, N. Y. Silk piece goods. 232,560; Sept. 13; Serial No. 243,073; published June 28, 1927. Class 42.

Warren Brothers Company, Boston, to Warren Brothers Company, Cambridge, Mass. Bituminous pavements and sidewalks. 64,449; renewed Aug. 6, 1927.

Warren, Burney S., doing business as B. S. Warren, Druggist, Greenville, N. C. Tonic and laxative. 232,666; Sept. 13; Serial No. 248,944; published June 28, 1927. Class 6.

Washburn Crosby Company, Minneapolis, Minn. Wheat flour. 66,614; renewed Dec. 17, 1927.

Waterman, L. E., Company, New York, N. Y. Writing inks. 232,624-5; Sept. 13; Serial Nos. 247,833-4; published July 5, 1927. Class 11.

Waterproof Paint Company, (See Oden, Eugene R.)

Weatherly, Richard E., Tampa, Fla. Cigars. 232,807; Sept. 13. Class 17.

Weaver, Lewis, Washington, D. C. Hairdressing and face cream. 232,742; Sept. 13; Serial No. 245,876; published July 5, 1927. Class 6.

Weinstein, Hyman, New York, N. Y. Men's suits, overcoats, and topcoats. 232,565; Sept. 13; Serial No. 246,868; published June 28, 1927. Class 39.

Weiss, Frank & Gintel, Inc., New York, N. Y. Fur coats, capes, wraps, underwear, hosiery, etc. 232,539; Sept. 13; Serial No. 247,349; published June 21, 1927. Class 39.

Wesley, Otella, Inc., New York, N. Y. Various toilet preparations. 232,593; Sept. 13; Serial No. 245,821; published June 28, 1927. Class 6.

Westergaard, B., & Co., Brooklyn, N. Y. Bread. 232,496; Sept. 13; Serial No. 245,308; published June 28, 1927. Class 46.

Western Mint Company, Portland, Oreg. Peppermint oil. 232,563; Sept. 13; Serial No. 246,942; published June 28, 1927. Class 6.

Wheatley & Schwabe, New York, N. Y. Underwear. 232,610; Sept. 13; Serial No. 243,905; published June 14, 1927. Class 39.

Wheatley & Schwabe, New York, N. Y. Play suits and underwear. 232,611; Sept. 13; Serial No. 243,903; published June 14, 1927. Class 39.

Whiting and Davis Chain Company, Plainville, Mass. Watch chains, key chains, buckles and belts, bracelets, etc. 232,605; Sept. 13; Serial No. 240,937; published June 28, 1927. Class 28.

Whitman, Clarence, & Sons, Inc., New York, N. Y. Cotton piece goods. 232,704; Sept. 13; Serial No. 249,761; published July 5, 1927. Class 42.

Wilcox Comb Company, Inc., Keene, N. H. Combs. 232,535; Sept. 13; Serial No. 247,234; published June 14, 1927. Class 40.

Wile, M., & Company, Inc., Buffalo, N. Y. Men's suits, overcoats, waistcoats, and trousers. 232,596; Sept. 13; Serial No. 245,131; published June 28, 1927. Class 39.

Willard Storage Battery Company, Cleveland, Ohio. Storage batteries and parts thereof, etc. 232,595; Sept. 13; Serial No. 245,886; published June 28, 1927. Class 21.

Wolbarsht, H., & Company, Baltimore, Md. Men's suits and overcoats. 232,626; Sept. 13; Serial No. 244,967; published June 14, 1927. Class 39.

Woolf Brothers, Inc., Kansas City, Mo. Men's and boys' underwear. 232,815; Sept. 13. Class 39.

Wright, William E., and Sons Company, Orange, N. J. Bias-fold tapes and trimmings of fabric. 232,629; Sept. 13; Serial No. 244,908; published May 31, 1927. Class 40.

Wrigley, Wm., Jr., Company, Chicago, Ill. Chewing gum. 232,499; Sept. 13; Serial No. 245,772; published July 5, 1927. Class 46.

Wurlitzer Grand Piano Company, De Kalb, Ill. Grand and upright pianos, player pianos, and piano players. 232,518; Sept. 13; Serial No. 248,077; published June 28, 1927. Class 36.

Wyant Way of New York Inc., Jersey City, N. J. Underwear, lingerie, dresses, and suits. 232,573; Sept. 13; Serial No. 246,989; published June 14, 1927. Class 39.

Young & Griffin Coffee Company, Inc., New York, N. Y. Coffee. 232,636; Sept. 13; Serial No. 244,418; published July 5, 1927. Class 46.

ALPHABETICAL LIST OF TRADE-MARK APPLICANTS.

PUBLISHED FOR OPPOSITION.

(Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.)

Acme Brick Company, Fort Worth, Tex. Brick. 251,641; Sept. 13. Class 12.

Acme Brick Company, Fort Worth, Tex. Brick. 251,643; Sept. 13. Class 12.

Adams Silk Company, Inc., New York, N. Y. Yarns spun from silk and rayon or mixtures of these materials, and yarns and threads of silk, etc. 251,806; Sept. 13. Class 43.

Adler, Aaron, New York, N. Y. Hats, caps, suits, neckties, collars, etc. 234,016; Sept. 13. Class 39.

Alreo Products Company, Oakland, Calif. Water softening compounds. 252,579; Sept. 13. Class 6.

All Star Candy Co., San Francisco, Calif. Candy bars. 239,908; Sept. 13. Class 46.

All-Steel Equip Company, Aurora, Ill. Electric-wiring devices. 249,494; Sept. 13. Class 21.

Altman, B., & Co., New York, N. Y. Magazine. 252,580; Sept. 13. Class 38.

Aluminum Goods Manufacturing Company, Manitowoc, Wis. Cooking-utensil handles. 250,731; Sept. 13. Class 23.

American Hard Rubber Company, Hempstead and New York, N. Y. Hard rubber caster wheels. 252,634; Sept. 13. Class 13.

Anchor Cap & Closure Corporation, Long Island City, N. Y. Cap openers, closure applying machines, sealing machines, etc. 252,364; Sept. 13. Class 23.

Arena, Dominick J., doing business as Pinklac Chemical Company, Camden, N. J. Medicinal preparation for acidity, heartburn, indigestion, etc. 252,137; Sept. 13. Class 6.

Armstrong Cork Company, Lancaster, Pa. Magazine. 251,314; Sept. 13. Class 38.

Arrow Supply & Importing Co., New York, N. Y. Jewelers' and opticians' supplies. 250,007; Sept. 13. Class 23.

Artcrofters Inc., The, Portland, Me. Artists' paint pigments. 229,488; Sept. 13. Class 16.

Asbestos Shingle, Slate & Sheathing Company, Ambler, Pa. Cost molded material for electrical insulation. 250,070; Sept. 13. Class 21.

Association of American Soap & Glycerine Producers, Inc., doing business as Glycerine Producers Association, New York, N. Y. Glycerin antifreeze solution for automobile radiators. 252,255; Sept. 13. Class 6.

Atlantic Mills, The, Olneyville, R. I., and Stottville, N. Y. Wool overcoating material in the piece. 233,909; Sept. 13. Class 42.

Auerbach Company, Salt Lake City, Utah. Textile blankets, sheets, and pillow cases. 247,061; Sept. 13. Class 42.

Auto Deflector Company, Bristol, Tenn. Screens for automobile headlights. 250,672; Sept. 13. Class 21.

Automatic Paper Machinery Company, Inc., Newark, N. J. Waxed paper. 251,377; Sept. 13. Class 37.

Baeder Adamson Company, Boston, Mass. Drills, jeans, and print cloths. 235,072; Sept. 13. Class 42.

Baeder Adamson Company, Boston, Mass. Gaskets and packing in sheet form for joints. 235,675; Sept. 13. Class 35.

Bailey, Inkerman, New York, N. Y. Preparation for removing shine from the skin, and particularly the nose. 252,457; Sept. 13. Class 6.

Baker, J. L., Gary, Ind. Medicine for enriching and purifying the blood. 253,002; Sept. 13. Class 6.

Barber Asphalt Company, The, Philadelphia, Pa. Lubricant in the nature of an oil. 251,708; Sept. 13. Class 15.

Bayle Food Products Company, St. Louis, Mo. Sauce for barbecued meat, hot dogs, hamburger, sandwiches, etc. 252,497; Sept. 13. Class 46.

ALPHABETICAL LIST OF TRADE-MARK APPLICANTS.

PUBLISHED FOR OPPOSITION.

(Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.)

Behringer, Myron J., Allentown, Pa. Doughnuts and crullers. 251,480; Sept. 13. Class 46.

Beits Products Company, Inc., Chicago, Ill. Egg fondant, nougat creme, confectioner's creme, etc. 252,142; Sept. 13. Class 46.

Blodgett-Beckley Co., The, Toledo, Ohio. Coffee. 253,081; Sept. 13. Class 46.

Bloomfield Mfg. Co., Bloomfield, N. J. Christmas-tree ornaments. 248,993; Sept. 13. Class 22.

Blumenthal, Sidney, & Co., Inc., New York, N. Y. Pile fabrics. 251,112; Sept. 13. Class 42.

Bobs' Candy Co., The, Albany, Ga. Candy. 253,004; Sept. 13. Class 46.

Boehlen, Alfred G., doing business as A. Boehlen, Hamburg, Germany. Toothbrushes. 252,143; Sept. 13. Class 29.

Book Service Company, The, (See Frank, Robert.)

Bradley Knitting Company, Delavan, Wis. Sweaters. 245,186; Sept. 13. Class 39.

Bradley Knitting Company, Delavan, Wis. Bathing suits. 245,188; Sept. 13. Class 39.

Brandon, Julian R., doing business as Lurline Mfg. Company, San Francisco, Calif. Worm eradicator for dogs and foxes. 250,833; Sept. 13. Class 6.

Brewer-Titchener Corporation, The, Cortland, N. Y. Controllable shutter fronts for automobile engine radiators. 243,137; Sept. 13. Class 19.

British Dyeing Corporation, Ltd., Blackley, Manchester, England. Chemical substances. 249,778; Sept. 13. Class 6.

Brooks Cabinet Co., Inc., Norfolk, Va. Ice-cream cabinets and ice-cream refrigerators. 252,083; Sept. 13. Class 31.

Brown Shoe Company, Inc., St. Louis, Mo. Shoes. 243,924; Sept. 13. Class 39.

Bruba, Mrs. Verne, Wheeling, W. Va. Pneumonia and flu ointment for external use only. 244,390; Sept. 13. Class 6.

Buckley, Newhall Company, The, New York, N. Y. Household and office furniture. 241,085-6; Sept. 13. Class 32.

Buhl Aircraft Company, Marysville, Mich. Aeroplanes. 250,061; Sept. 13. Class 19.

Bulova Watch Company, Inc., New York, N. Y. Watches and watchcases. 252,639; Sept. 13. Class 27.

Bulova Watch Company, Inc., New York, N. Y. Watches. 252,640; Sept. 13. Class 27.

Burgess Battery Company, Madison, Wis. Electric batteries. 251,386; Sept. 13. Class 21.

Burkhart, William S., Jr., doing business as Burkhardt Medical Company, Cincinnati, Ohio. Medicated tablets. 246,072; Sept. 13. Class 6.

Caigan, Israel, Boston, Mass. High-temperature cement. 250,436; Sept. 13. Class 12.

Caledonia Cellulose Company, Inc., New York, N. Y. Sanitary napkins. 252,942; Sept. 13. Class 44.

Cabinet Refining Company, Chicago, Ill. Lubricating oils. 251,820; Sept. 13. Class 15.

Cannon Valley Milling Company, Minneapolis, Minn. Wheat flour. 241,653; Sept. 13. Class 46.

Carbo-Sun, Inc., Floral Park, N. Y. Therapeutic lamps and reflectors and carbons therefor. 250,904; Sept. 13. Class 44.

Carlson, Edward G., Greybull, Wyo. Honey. 250,527; Sept. 13. Class 46.

Carolus Manufacturing Company, Sterling, Ill. Wire clippers, bolt cutters, and nut splitters. 252,028; Sept. 13. Class 23.

Carrington & Co., Inc., Newark, N. J. Bottle openers, cigarette cases, collar buttons, etc. 250,601-2; Sept. 13. Class 28.

Carter Dry Goods Co., Louisville, Ky. Gingham. 252,088; Sept. 13. Class 42.

Case, A. H., and Co., Inc., Buffalo, N. Y. Fertilizers. 252,818; Sept. 13. Class 10.

Cassady, Charles L., doing business as Sun Bath Cabinet Co., Los Angeles, Calif. Sun-bath cabinets. 250,161; Sept. 13. Class 44.

Central Distributing Company, (See Venger, Morris.)

Chestnut & Smith Corporation, Tulsa, Okla. Gasoline. 252,502; Sept. 13. Class 15.

Chevalier, Inc., San Francisco, Calif. Steam trap or condensation drainer. 251,890; Sept. 13. Class 13.

Chevrolet Dealers News, Inc., The, Chicago, Ill. Publication. 253,084; Sept. 13. Class 38.

Chicago Pneumatic Tool Company, New York, N. Y. Electrical apparatus and machines. 251,123-4; Sept. 13. Class 21.

City Specialty Co., (See Weistock, Hilda.)

Clark, Son & Morland, Ltd., Glastonbury, England. Skin rugs and mats in the nature of carpets, skin perambulator rugs and robes, skin motor rugs, and skin muffs for sleighs. 246,390; Sept. 13. Class 50.

Cleveland Shopping News Company, The, Cleveland, Ohio. Circulars. 252,417; Sept. 13. Class 38.

Clequot Club Co., Millis, Mass. Maltless beverages and sirups and extracts used in making the same. 250,603; Sept. 13. Class 45.

Cluett, Peabody & Co., Inc., Troy, N. Y. Shirts. 252,189; Sept. 13. Class 39.

Cohn, Henry, Baltimore, Md. Bow neckties. 251,610; Sept. 13. Class 39.

Conant & Surrick, Philadelphia, Pa. Word puzzle. 252,315; Sept. 13. Class 38.

Connell Bros. Company, Seattle, Wash. Fresh apples. 229,725; Sept. 13. Class 46.

Cooke, L. L., School of Electricity, Chicago, Ill. Periodical. 253,208; Sept. 13. Class 38.

Crescent Leather Goods Co., (See Rabinowitz, Isidor.)

Curvit Sales Corp., New York, N. Y. Shaving creams. 249,465; Sept. 13. Class 4.

D. J. H. Novelty Furniture Co., Inc., Brooklyn, N. Y. Tables, breakfast sets, etc. 251,955; Sept. 13. Class 32.

Davis, Irving I., New York, N. Y. Massage device. 251,259; Sept. 13. Class 44.

Dayton Pump & Manufacturing Company, The, Dayton, Ohio. Measuring pumps and separate units for such pumps. 251,956; Sept. 13. Class 26.

De La Mare, A. T., Company, Inc., New York, N. Y. Publication. 252,893; Sept. 13. Class 38.

Delettiez of France, Inc., New York, N. Y. Astringents, bleach creams, dry rouges, etc. 248,884; Sept. 13. Class 6.

Delettiez of France, Inc., New York, N. Y. Safety razors, knives, forks, spoons, etc. 248,885; Sept. 13. Class 23.

Delta Theta Phi Law Fraternity, Cleveland, Ohio. Jewelry for personal wear, not including watches. 240,405; Sept. 13. Class 28.

Disco Heater & Manufacturing Co., The, Chicago, Ill. Automobile heaters. 250,530; Sept. 13. Class 19.

Dolle, Fred, Inc., Chicago, Ill. Shears and razors. 251,491; Sept. 13. Class 23.

D'Orsay Perfumeries Corporation, New York, N. Y. Perfumes, bath salts, talcum powder, toilet water, etc. 236,641; Sept. 13. Class 6.

Dreyer, H. D., and Company, Baltimore, Md. Bottle boxes made of wood. 238,492; Sept. 13. Class 2.

Eagle Lubricating Oil Company, Pittsburgh, Pa. Lubricating grease. 241,771; Sept. 13. Class 15.

Eastern Dairies, Inc., Springfield, Mass. Frozen water ice or sherbet on a stick. 236,022; Sept. 13. Class 46.

Eastern Dairies, Inc., Springfield, Mass. Ice cream. 236,024; Sept. 13. Class 46.

Eau de Cologne & Parfumerie-Fabrik "Glockengasse No. 4711," gegenüber der Pferdepost von Ferd. Mühlens. (See Mühlens, Paul P.)

Edison Electric Appliance Company, Chicago, Ill. Electric bathtubs. 235,127; Sept. 13. Class 21.

Electro-Motive Engineering Corporation, New York, N. Y. Resistance units and grid leaks, condensers, and rheostats. 250,741; Sept. 13. Class 21.

Elliott Hosiery Co., Inc., New York, N. Y. Hosiery and underwear. 248,401; Sept. 13. Class 39.

Emmental Cheese Corporation, New York, N. Y. Cheese. 250,167; Sept. 13. Class 46.

En Route Service, Inc., New York, N. Y. Bulletin of steamboat sailings and travel information. 252,695; Sept. 13. Class 38.

Erco Fisheries, (See Ryder-Turner Co.)

Federal Wholesale Druggists Association, Baltimore, Md. Toothbrushes. 250,072; Sept. 13. Class 29.

Fernandez, Frank C., Tucson, Ariz. Frozen confection. 235,136; Sept. 13. Class 46.

Fisher, Herman C., San Francisco, Calif. Almonds. 251,264-8; Sept. 13. Class 46.

Foster Pump Works, Brooklyn, N. Y. Rotary pumps. 253,145; Sept. 13. Class 23.

Frank, Isadore, Cincinnati, Ohio. Shirts, neckties, socks, bath robes, etc. 248,487; Sept. 13. Class 39.

Frank, Robert, doing business as The Book Service Company, New York, N. Y. Publication. 248,894; Sept. 13. Class 38.

Frieze, J. K., doing business as Nomad Mfg. Co., Los Angeles, Calif. Radio receiving sets and parts thereof. 249,788; Sept. 13. Class 21.

Garfunkel, Nathan J., New York, N. Y. Hats. 250,917; Sept. 13. Class 39.

General Laboratories, Madison, Wis. Insecticides. 251,497; Sept. 13. Class 6.

Gillinder & Sons, Inc., Philadelphia, Pa. Glassware and illuminating glassware. 252,428; Sept. 13. Class 33.

Glove Art Manufacturing Company, Newark, N. J. Electrical condensers. 251,034; Sept. 13. Class 21.

Glycerine Producers Association, (See Association of American Soap & Glycerine Producers, Inc.)

Goldstein, Joseph J., doing business as Jos. J. Goldstein & Co., Philadelphia, Pa. Suits, coats, trousers, etc. 248,959; Sept. 13. Class 39.

Gossard, H. W., Co., The, Chicago, Ill. Women's combination garments in the nature of corsets. 251,615; Sept. 13. Class 39.

Great American Tea Co., The, Brooklyn, N. Y. Machine oil. 252,376; Sept. 13. Class 15.

Greenberg and Ludwig Co., New York, N. Y. Junior's, misses', ladies', and stouts' coats. 249,003; Sept. 13. Class 39.

Greenhill & Daniel, Brooklyn, N. Y. Sport coats. 244,071; Sept. 13. Class 39.

Greif, L., & Bro. Incorporated, Baltimore, Md. Topcoats, overcoats, trousers, etc. 251,336; Sept. 13. Class 39.

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[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Haas, Philip, doing business as Philip Haas Company, Dayton, Ohio. Flush-valve mechanism for flushing tanks. 251,273; Sept. 13. Class 13.

Hackman, S. E. Holdrege, Nebr. Roup preparation and louse and mite destroyer. 248,567; Sept. 13. Class 6.

Halmowitz, Joseph, New York, N. Y. Medicine for preparation for restoring the nervous system. 252,040; Sept. 13. Class 6.

Hamblin & Russell Manufacturing Company, Inc., Worcester, Mass. Tea strainers and soup strainers. 252,431; Sept. 13. Class 13.

Hart Company, The, Long Prairie, Minn. Textile blankets. 252,041; Sept. 13. Class 42.

Heldt, Michael, Brooklyn, N. Y. Fancy bakery, particularly the kind known as biscuit bakery, and prepared from pastry dough filled with various sorts of meats, pastes, etc. 250,921; Sept. 13. Class 46.

Herr, C. T. "Ben", St.-Louis, Mo. Maltless beverage and sirups for making the same. 252,903; Sept. 13. Class 45.

High-Test Malt Extract Co., doing business as Windy City Malt Co., Chicago, Ill. Malt sirup. 253,210; Sept. 13. Class 48.

Hillierich & Bradsky Co., Louisville, Ky. Baseball bats. 252,842-4; Sept. 13. Class 22.

Hills, Forest, Company, doing business as Old Colony Brewing Co., Boston, Mass. Near beer and malt extract. 251,726; Sept. 13. Class 48.

Hohner, M., Inc., New York, N. Y. Mouth harmonicas. 247,371; Sept. 13. Class 36.

Holcomb and Hoke Manufacturing Company, Indianapolis, Ind. Electrically operated musical instruments. 252,508; Sept. 13. Class 36.

Holden Knitting Company, Worcester, Mass. Knitted washing, and polishing mitts. 253,094; Sept. 13. Class 29.

Holden-Leonard Company, New York, N. Y. Worsted and woolen textile fabrics. 250,410; Sept. 13. Class 42.

Hooper, Wm. E., & Sons Co., Woodberry, Baltimore, Md. Waterproof fabric and waterproof cotton duck. 252,152; Sept. 13. Class 50.

Horn & Hardart Baking Co., Philadelphia, Pa. Cooked meats, smoked meats, deserts, etc. 251,339; Sept. 13. Class 46.

Hub Bottling Company, The, Philadelphia, Pa. Ginger ale. 253,022; Sept. 13. Class 45.

Hudson Distributing Company, New York, N. Y. Malt sirup, malt extract for making malt beverages. 251,445; Sept. 13. Class 48.

Huebschman, Hyman, doing business as Ritz Perfume Company, Brooklyn, N. Y. Hair dressing and tonic. 249,420; Sept. 13. Class 6.

Independent Baking Co., Davenport, Iowa. Biscuit and cookies. 251,842; Sept. 13. Class 46.

International Worsted Mills, Methuen, Mass., and New York, N. Y. Worsted goods. 235,478; Sept. 13. Class 42.

Japan Paper Company, New York, N. Y. Italian hand-made printing paper. 247,796; Sept. 13. Class 37.

Jasper Office Furniture Company, Jasper, Ind. Desks and tables. 251,905; Sept. 13. Class 32.

Jervase Perfumery, Inc., Minneapolis, Minn. Perfumes, toilet waters, tissue tonics, etc. 249,796; Sept. 13. Class 6.

Journal of Accountancy, Incorporated, The, New York, N. Y. Periodicals. 252,557; Sept. 13. Class 38.

Kenfel & Esser Company, Hoboken, N. J. Profile and cross section paper. 250,698; Sept. 13. Class 37.

Key Manufacturing Company, The, Cleveland, Ohio. Portable tire casing repair apparatus. 234,957; Sept. 13. Class 35.

Lakeside Packing Company, Manitowoc, Wis. Olives, preserved pickles, and canned vegetables. 230,935; Sept. 13. Class 46.

La Salle Products, Inc., St. Paul, Mo. Perfume. 252,158; Sept. 13. Class 6.

Les Etablissements Poulenc Frères, Paris, France. Oleate of methyl. 251,914; Sept. 13. Class 6.

Les Etablissements Poulenc Frères, Paris, France. Acetyl-oxyamine phenylarsinate of ammonium. 251,917; Sept. 13. Class 6.

Levy, Morris W., doing business as Levy Plumbing Company, Dallas, Tex. Automotive vehicle bodies. 234,441; Sept. 13. Class 19.

Lion Systems, Inc., Chicago, Ill. Loose-leaf binders. 250,810; Sept. 13. Class 37.

Lippmann, Spler & Hahn, New York, N. Y. Bracelets, bead necklaces, brooches, etc. 251,402; Sept. 13. Class 28.

Lurline Mfg. Company. (See Brandon, Julian R.)

Lyon, William E., doing business as Lyon Electric Co., San Diego, Calif. Electrically-heated brooders and incubators, burglar alarms, etc. 247,744; Sept. 13. Class 21.

Macon Telegraph Publishing Co., The, Macon, Ga. Newspapers published every morning. 252,853; Sept. 13. Class 38.

Maun, Leslie, Sportology Corporation, The, Springfield, Mass. Motion-picture projectors. 251,782; Sept. 13. Class 26.

Marshall Field & Company, Chicago, Ill. Cotton piece goods. 251,661; Sept. 13. Class 42.

Martin's, Inc., New York and Brooklyn, N. Y. Ladies' dresses, gowns, and frocks. 252,051; Sept. 13. Class 39.

Maryland New River Coal Company, Philadelphia, Pa. Coal. 252,052; Sept. 13. Class 1.

Masquillier, Maurice, Paris, France. Face and talcum powders, toilet waters, face and skin lotion, etc. 251,923; Sept. 13. Class 6.

Mathison, Fredrick G. (See Soma Products Co., assignor.)

McBride, Robert, & Co., (Belfast) of New York, Inc., New York, N. Y. Linen piece goods, household linens, bedspreads, etc. 252,286; Sept. 13. Class 42.

Midland Paint Products Co., Midland Park, N. J. Paint in dry, paste, and ready-mixed form. 250,315; Sept. 13. Class 16.

Milner, Albert, Auburn, Calif. Radioactive bottle. 250,469; Sept. 13. Class 44.

Morgan Company, The, Peoria, Ill. Varnishes, varnish brushes, and japans. 251,779; Sept. 13. Class 16.

Morin's Laboratories, Inc., Newton, Mass. Devices for supplying decarbonizing and lubricating liquid to combustion chambers of internal-combustion engines. 252,616; Sept. 13. Class 23.

Morrison, William G., doing business as Vendope Service System, Dallas, Tex. Sign supports. 252,247; Sept. 13. Class 12.

Muehlke, Albert F., doing business as Muehlke Craftsmanship Shop, Detroit, Mich. Wedding rings, ring mountings, etc. 251,408; Sept. 13. Class 28.

Mühlens, Paul P., doing business as Eau de Cologne- & Parfümerie-Fabrik "Glockengasse No. 4711" gegenüber der Pferdepost von Ferd. Mühlens, Cologne-on-the-Rhine, Germany. Eau de Cologne water, perfumery, shampoo, etc. 229,117; Sept. 13. Class 6.

Musher & Co., Washington, D. C. Candy confections, ice-cream flavors, and fruit juices. 249,985; Sept. 13. Class 46.

National Aniline & Chemical Company, Incorporated, New York, N. Y. Aromatic, synthetic, organic chemical compound derived from coal tar to be used as a notation agent. 251,786; Sept. 13. Class 6.

New England Wire Company, Westfield, Mass. Electrical wires and cables. 252,725; Sept. 13. Class 21.

Nichols & Cox Lumber Company, The, Grand Rapids, Mich. Folding tables and combined folding tables and seats. 251,197; Sept. 13. Class 32.

Nomad Mfg. Co. (See Frieze, J. K.)

Old Colony Brewing Co. (See Hills, Forest, Company.)

Osmo Chemical Company, Jacksonville, Fla. Antiseptic deodorant and antizymotic. 249,235; Sept. 13. Class 6.

Pannicide Holding Company, Inc., Birmingham, Ala. Tooth pastes, hair tonics, face lotions, dental liquid, etc. 251,980; Sept. 13. Class 6.

Penney, J. C. Company, Wilmington, Del., and New York, N. Y. Men's cotton hosiery. 251,983; Sept. 13. Class 39.

Penney, J. C. Company, Wilmington, Del., and New York, N. Y. Women's sanitary aprons, sanitary belts, and step-ins. 251,984; Sept. 13. Class 44.

Penney, J. C. Company, Wilmington, Del., and New York, N. Y. Tablecloths, scarfs for tables, pillow tubing, etc. 252,979; Sept. 13. Class 42.

People's Outfitting Company, Detroit, Mich. Textile rugs, carpets, and floor covering. 250,136; Sept. 13. Class 42.

Perma-Weld Mfg. Co., Philadelphia, Pa. Rubber repair kits and blow-out patches. 250,420; Sept. 13. Class 35.

Pershall, C. W., & Sons, doing business as Tri-City Grocery Co. and Tri-City Packing Co., Granite City, Wood River, Venice, and Edwardsville, Ill. Coffee, tea, cocoa, whole and ground spice, etc. 248,720; Sept. 13. Class 46.

Peterson, H. S. & Co., Chicago, Ill. After-shaving lotion, antiseptic solution, camphor oil, etc. 250,707; Sept. 13. Class 6.

Phenix Cheese Corporation, New York, N. Y. Food product. 250,263; Sept. 13. Class 46.

Phen-O-Cel Co., The. (See Tienken, Albert C.)

Pinklac Chemical Company. (See Arena, Dominick J.)

Placencia Co-Operative Orange Association, Placencia, Calif. Oranges, lemons, and grapefruit. 253,197; Sept. 13. Class 46.

Premier Laboratory Company, Inc., New York, N. Y. Electrically-operated sound reproducers. 251,682; Sept. 13. Class 21.

Price Flavoring Extract Company, Chicago, Ill. Condimental sauces and salad dressings. 250,710; Sept. 13. Class 46.

Price Flavoring Extract Company, Chicago, Ill. Condimental sauces and salad dressings. 251,513; Sept. 13. Class 46.

Prigge, Inc., New York, N. Y. Candy and chocolate. 251,573; Sept. 13. Class 46.

Purexo Products Co., San Francisco, Calif. Ginger-ale sirup. 253,047; Sept. 13. Class 45.

ALPHABETICAL LIST OF TRADE-MARK APPLICANTS.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Pyrene Manufacturing Company, Newark, N. J. Automobile tire chains. 252,913; Sept. 13. Class 13.

Rabinowitz, Isidor, doing business as Crescent Leather Goods Co., New York, N. Y. Ladies' hand bags, purses, and pocketbooks. 252,619; Sept. 13. Class 3.

Rapid Addressing Machine Company, New York, N. Y. Addressing machines. 234,679; Sept. 13. Class 23.

Reed & Bell, Inc., Berkeley, Calif. Root beer. 247,285; Sept. 13. Class 45.

Richard, Louis, Pittsburgh, Pa. Cartoons in newspaper publications. 252,662; Sept. 13. Class 38.

Richardson Dry Goods Company, St. Joseph, Mo. Textile piece goods of cotton. 252,729; Sept. 13. Class 42.

Richland Fruit Co., Shafter, Calif. Fresh grapes. 246,634; Sept. 13. Class 46.

Ritz Perfume Company. (See Huebschman, Hyman.)

Robb-Ross Co., The. (See Tolerton & Warfield Co.)

Robinson Furnace Company, Chicago, Ill. Furnaces. 251,457; Sept. 13. Class 34.

Rockford Malt Extract Co. (See Weinstein, Louis.)

Rose-Cliff Products Co., Inc., Bennington, Vt. Specific for boils, pimples, and carbuncles. 245,925; Sept. 13. Class 6.

Ross, W. A. & Sons, Limited, Belfast, Ireland. Ginger ale. 251,792; Sept. 13. Class 45.

Royal and Ancient Company, Ltd., Boston, Mass. Maltless beverages. 251,864; Sept. 13. Class 45.

Ruberold Co., The, Boundbrook, N. J., and New York, N. Y. Bituminized roofings, shingles, and strip shingles. 251,793; Sept. 13. Class 12.

Rudy-Patrick Seed Company, Kansas City, Mo. Poultry feeds. 251,575-6; Sept. 13. Class 46.

Ryder-Turner Co., doing business as Erco Fisheries, Eastport, Me. Preserved fish. 225,284; Sept. 13. Class 46.

Sala, Frank, doing business as F. Sala & Company, Lyndhurst, N. J. Canned vegetable relish and other prepared food products. 246,311; Sept. 13. Class 46.

Sandusky Cement Company, The, Cleveland, Ohio. Portland cement. 248,798; Sept. 13. Class 12.

Sarotti Aktiengesellschaft, Berlin-Tempelhof, Germany. Cocoa, chocolate, toffee, nougat, etc. 242,624; Sept. 13. Class 46.

Sauquilt Paper Co. Inc., New Hartford, N. Y. Sanitary pads. 242,146; Sept. 13. Class 44.

Scheer, Leo, Company, Evansville, Ind. Dresses, cloaks, suits, etc. 243,232; Sept. 13. Class 39.

Schmidt, Gerhard F. Aktiengesellschaft, Zurich, Switzerland. Pharmaceutical preparations. 239,600; Sept. 13. Class 6.

Schneider & Miller, Inc., New York, N. Y. Ladies' coats. 252,069; Sept. 13. Class 39.

Schoenfeld, H. and Sons, Inc., New York, N. Y. Poppy seeds. 250,943; Sept. 13. Class 46.

Sears, Roebuck and Co., Chicago, Ill. Phonograph needles. 237,828; Sept. 13. Class 36.

Sentinel Mfg. Co., Chicago, Ill. Battery eliminators and chargers. 249,816; Sept. 13. Class 21.

Service Grocer Company, Inc., Detroit, Mich. Canned fruits, mince-meat, evaporated milk, soups, and wheat flour. 251,866; Sept. 13. Class 46.

Service Grocer Company, Inc., Detroit, Mich. Canned vegetables, fruits, mince-meat, chile con carne, etc. 251,867; Sept. 13. Class 46.

Sexton & Moore, Exeter, Calif. Fresh deciduous fruits, fresh grapes. 252,224; Sept. 13. Class 46.

Shaw, A. W., Company, Chicago, Ill. Magazine. 252,736; Sept. 13. Class 38.

Shimmons Company, New York, N. Y. Bedsteads, bed springs, cribs, cots, etc. 251,417; Sept. 13. Class 32.

Simowitz, Louis, Augusta, Ga. Shoes. 251,577; Sept. 13. Class 39.

Sires, William R., doing business as Union Gap Honey Company, Union Gap, Wash. Honey. 250,823; Sept. 13. Class 46.

Sitroux Importing Co., Inc., assignor to The Sterilek Company, Inc., New York, N. Y. Sanitary napkins. 244,112; Sept. 13. Class 44.

Snyderman, David, doing business as Woodland Food Products Co., Philadelphia, Pa. Malt sirup for food purposes. 252,486; Sept. 13. Class 48.

Soma Products Co., assignor to F. G. Mathison, Los Angeles, Calif. Bath salts and toilet articles. 202,901; Sept. 13. Class 6.

Southern Coffee Mills, Limited, New Orleans, La. Roasted and ground coffee, coffee and chicory, tea, and spices. 251,996; Sept. 13. Class 46.

Spie & Span, Inc., Omaha, Nebr. Coffee. 252,352; Sept. 13. Class 46.

Standard Oil Company, Whiting, Ind., and Chicago, Ill. Lubricating oils. 248,201; Sept. 13. Class 15.

Standard Oil Company (New Jersey), Bayonne, N. J. Electrical insulating compound. 252,117; Sept. 13. Class 21.

Standard Oil Company (New Jersey), Bayonne, N. J. Lubricating oil, lubricating greases, transformer oil, etc. 252,627; Sept. 13. Class 15.

Stearns, F. B. Company, The, Cleveland, Ohio. Passenger-carrying automobiles. 249,200; Sept. 13. Class 19.

Steele-Weddes Company, Chicago, Ill. Canned vegetables, canned fruits, etc. 252,743; Sept. 13. Class 46.

Sterilek Company, Inc., The. (See Sitroux Co., Inc., assignor.)

Stirn, L. & E., New York, N. Y. Silk piece goods. 252,985; Sept. 13. Class 42.

Studebaker Corporation, The, South Bend, Ind. Automobiles. 251,518-19; Sept. 13. Class 19.

Studebaker Corporation, The, South Bend, Ind. Automobiles. 252,801; Sept. 13. Class 19.

Studebaker Corporation, The, South Bend, Ind. Automobiles. 252,987; Sept. 13. Class 19.

Sun Bath Cabinet Co. (See Cassady, Charles L.)

Sunflower Auto Paint & Polish Company, doing business as Sunflower Auto Paints & Polish Company, Los Angeles, Calif. Dressing for fabric or leather. 250,867; Sept. 13. Class 4.

Sunlight Milling Company, Mount Vernon, Ind. Plain flour. 229,361; Sept. 13. Class 46.

Sun-Maid Raisin Growers of California, Fresno, Calif. Dried raisins. 223,346; Sept. 13. Class 46.

Tacoma Grocery Company, Inc., Tacoma, Wash. Canned fruits, vegetables, fish, shellfish, catchup, etc. 240,512; Sept. 13. Class 46.

Taylor Bros. Mfg. Co., Los Angeles, Calif. Grease rams. 251,938; Sept. 13. Class 23.

Technische Chemikalien-Compagnie G. m. b. H., Halle-on-the-Saale, Germany. Oils used in the vulcanization of india rubber. 249,615; Sept. 13. Class 6.

Terry, John R., Detroit, Mich. Storage batteries and battery chargers. 252,667; Sept. 13. Class 21.

Thorp, Orval E., Seattle, Wash. Boots and shoes. 250,764; Sept. 13. Class 39.

Tienken, Albert C., doing business as The Phen-O-Cel Co., Lindsay, Calif. Remedies. 240,106; Sept. 13. Class 6.

Tolerton & Warfield Co., doing business as The Robb-Ross Co., Sioux City, Iowa. Powders for making nonalcoholic, maltless beverages. 253,052; Sept. 13. Class 45.

Tri-City Grocery Co. (See Pershall, C. W., & Sons.)

Trigg, Dobbs & Company, Chattanooga, Tenn. Coffee. 251,875; Sept. 13. Class 46.

Tulsa Coffee Co., Tulsa, Okla. Coffee, tea, flavoring extracts for foods, and spices. 252,919; Sept. 13. Class 46.

Ukiah Fruit Growers, Inc., Ukiah, Calif. Fresh pears. 253,119; Sept. 13. Class 46.

Union Gap Honey Company. (See Sires, William R.)

Union Oil Company of California, Los Angeles, Calif. Lubricating oil. 248,068; Sept. 13. Class 15.

United Electric Company, The, Canton, Ohio. Electrically-operated vacuum cleaners. 252,403; Sept. 13. Class 21.

United States Sand Paper Co., Williamsport, Pa. Abrasive paper and cloths. 232,437; Sept. 13. Class 4.

Univis Lens Company, The, Dayton, Ohio. Ophthalmic lenses. 251,798; Sept. 13. Class 26.

Uphorn Company, The, Kalamazoo, Mich. Tablets for the treatment of arthritis and rheumatic conditions. 252,358; Sept. 13. Class 6.

Vendope Service System. (See Morrison, William G.)

Venger, Morris, doing business as Central Distributing Company, Pittsburgh, Pa. Malt sirup. 252,297; Sept. 13. Class 48.

Veris Company, The, Omaha, Nebr. Compound for varicose veins, in the form of a salve. 248,138; Sept. 13. Class 6.

Vickery and Hill Publishing Co., The, Augusta, Me. Periodical. 252,868; Sept. 13. Class 35.

Waldenstein Company, Inc., New York, N. Y. Caramel sugar color. 242,697; Sept. 13. Class 6.

Washburn Company, The, Worcester, Mass., and Rockford, Ill. Nursing-bottle sterilizer and baby-food cabinet. 252,132; Sept. 13. Class 44.

Watkins, J. R. Company, The, Winona, Minn. Tooth-brushes. 252,350; Sept. 13. Class 29.

Wayne Belting and Supply Company, Fort Wayne, Ind. Belting. 252,133; Sept. 13. Class 35.

Webster Co., The, Chicago, Ill. Electrical power current-supply units for radio receiving sets. 248,603; Sept. 13. Class 21.

Webster, William A., Co., The, Memphis, Tenn. Face powders, creams, and packs, ronges, lip sticks, etc. 240,115; Sept. 13. Class 6.

Weinstein, Louis, doing business as Rockford Malt Extract Co., Rockford, Ill. Malt sirup. 252,924; Sept. 13. Class 48.

Welstock, Hilda, doing business as City Specialty Co., Baltimore, Md. Toilet and wax paper. 253,124; Sept. 13. Class 37.

Welwood, John C. Corp., New York, N. Y. Ribbons. 246,060; Sept. 13. Class 42.

Wheeler, Harvey C., doing business as Wheeler Clean Towel Company, Boston, Mass. Towel holders. 249,311; Sept. 13. Class 32.

Wiesenmeyer, Charles F., Springfield, Ill. Automobile tire chains. 243,987; Sept. 13. Class 13.

Wilde, W. B. Co., Peoria, Ill. Refrigerators. 235,326; Sept. 13. Class 31.

Wilfred Laboratories, Inc., New York, N. Y. Toilet preparations. 222,903; Sept. 13. Class 6.

ALPHABETICAL LIST OF TRADE-MARK APPLICANTS.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Williams, Geo. L., Company, The, Cleveland, Ohio. Disinfectants, insecticides, spray fluids, and formaldehyde solutions. 251,700; Sept. 13. Class 6.
 Windy City Malt Co. (See High-Test Malt Extract Co.)
 Wise-McClung Company, Ltd., New Philadelphia, Ohio. Automatic socket power units. 248,142; Sept. 13. Class 21.
 Wolf & Co. Kommanditgesellschaft auf Aktien, Walsrode, Germany. Braids, buttons, and combs, etc. 244,201; Sept. 13. Class 40.
 Wolverine Coal & Mining Company, Chicago, Ill. Coal. 250,727; Sept. 13. Class 1.
 Wolverine Coal & Mining Company, Chicago, Ill. Coal. 250,729; Sept. 13. Class 1.

Woodland Food Products Co. (See Snyderman, David.)
 Worcester Lawn Mower Company, Worcester, Mass. Lawn mowers. 240,329; Sept. 13. Class 23.
 Wyoming Shovel Works, The, Wyoming, Pa. Shovels, scoops, spades, etc. 245,947; Sept. 13. Class 23.
 York Laboratories Company, York, Pa. Powder for correcting acid conditions of the mouth and stomach and other purposes. 252,007; Sept. 13. Class 6.
 Zeller, Oke, doing business as Zeller Fruit Company, Los Angeles, Calif. Oranges, lemons, and grapefruit, apples, pears, etc. 252,753; Sept. 13. Class 46.
 Zeluff, Irvin S., New York, N. Y. Perfume, toilet water, talcum, face powder, sachet, etc. 252,178; Sept. 13. Class 6.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED.

CLASS 2.

Bags, cloth. Albert Dickinson Company. 232,665; Sept. 13; Serial No. 248,695; published July 5, 1927.
 Cartons. Interstate Corrugated Box Co. 232,658; Sept. 13; Serial No. 248,495; published July 5, 1927.
 Cartons, corrugated and solid fiber-board. Interstate Corrugated Box Co. 232,661-2; Sept. 13; Serial No. 248,496-7; published July 5, 1927.

CLASS 4.

Soap, Perfumed. A. & F. Pears, Limited. 65,748; renewed Oct. 22, 1927.
 Soap, Perfumed. A. & F. Pears, Limited. 65,895; renewed Oct. 29, 1927.

CLASS 6.

Ammonia, baking soda, baking powder, etc. C. Callaban Company. 232,650; Sept. 13; Serial No. 248,553; published July 5, 1927.
 Anesthetics. Actien Gesellschaft für Anilin-Fabrikation. 65,287; renewed Sept. 17, 1927.
 Antipyretic and analgesic medical preparation. Etna Chemical Company. 66,903; renewed Jan. 7, 1928.
 Benzoylguaiacol. Farbwerke vorm. Meister Lucius & Brüning. 65,165; renewed Sept. 10, 1927.
 Chemical for preserving silk hosiery, etc. R. B. Twyman. 232,570; Sept. 13; Serial No. 246,242; published June 28, 1927.
 Chemicals. C. F. Boehringer & Soehne. 65,161; renewed Sept. 10, 1927.
 Coal-tar derivative. Röhm & Haas Company. 232,758; Sept. 13; Serial No. 247,511; published July 5, 1927.
 Colloidal bismuth. Eli Lilly and Company. 232,656; Sept. 13; Serial No. 249,279; published June 28, 1927.
 Cream, Vanishing. Milown Creme Co. 232,692; Sept. 13; Serial No. 238,384; published Apr. 26, 1927.
 Cream, vanishing cream, scalp balm, oil and cream shampoo, hair tonic, etc. Cold. A. C. Manganiello. 232,591; Sept. 13; Serial No. 247,621; published June 28, 1927.
 Dental cream and wash. Sterello Company. 232,695; Sept. 13; Serial No. 243,461; published July 5, 1927.
 Dental pad or poultice. Capsi-Pad Co. 232,659; Sept. 13; Serial No. 248,345; published June 28, 1927.
 Dentifrices. Societe Anonyme les Dentifrices du Docteur Pierre. 232,785; Sept. 13; Serial No. 249,383; published July 5, 1927.
 Deodorant, perspiration. J. G. Purple. 232,655; Sept. 13; Serial No. 249,438; published June 28, 1927.
 Deodorizer and moth repellent. Puritan Chemical Company. 232,706; Sept. 13; Serial No. 249,604; published July 5, 1927.
 Hairdressing and face cream. L. Weaver. 232,742; Sept. 13; Serial No. 245,876; published July 5, 1927.
 Hair grower and tonic. Stroman & Reavis. 232,647; Sept. 13; Serial No. 247,832; published July 5, 1927.
 Insect paste. S. H. Kellogg. 65,636; renewed Oct. 15, 1927.
 Laxative chewing gum. E-Z Health Laboratories. 232,690; Sept. 13; Serial No. 236,677; published June 28, 1927.
 Liquid preparation. C. A. Benford. 232,542; Sept. 13; Serial No. 247,368; published June 28, 1927.
 Medical bath liquid. A. Freund. 232,746; Sept. 13; Serial No. 247,534; published July 5, 1927.
 Medicinal aqueous solution. E. T. Jones. 232,708; Sept. 13; Serial No. 249,527; published July 5, 1927.
 Medicinal preparation. D. Kasten. 232,756; Sept. 13; Serial No. 248,700; published July 5, 1927.
 Medicinal preparation. D. Matthews. 232,785; Sept. 13; Serial No. 249,597; published July 5, 1927.
 Medicinal preparation. Dr. J. H. McClean Medicine Co. 232,728; Sept. 13; Serial No. 232,931; published July 5, 1927.
 Medicinal preparation. Radium Research Foundation. 232,617; Sept. 13; Serial No. 247,963; published June 28, 1927.
 Medicinal smoking preparations. Blosser Co. 232,813; Sept. 13.

Medicinal tonic. Peoples Drug Stores, Inc. 232,693; Sept. 13; Serial No. 249,996; published July 5, 1927.
 Medicine. Bishop and Bishop. 232,559; Sept. 13; Serial No. 242,703; published June 28, 1927.
 Medicine. R. E. Gaston. 232,709; Sept. 13; Serial No. 249,413; published July 5, 1927.
 Medicine, Cough. Esca Pharmaceutical Laboratories. 232,787; Sept. 13; Serial No. 249,578; published July 5, 1927.
 Medicines. Chemische Fabrik auf Actien (vorm. E. Schering). 65,291; renewed Sept. 17, 1927.
 Medicines and preparations made therefrom. Synthetische Actien Gesellschaft für Anilin Fabrikation. 64,994; renewed Sept. 3, 1927.
 Moth crystals. C. A. Beattell. 232,767; Sept. 13; Serial No. 249,833; published July 5, 1927.
 Mouth wash, catarrhal cream, etc. F. Garfinkel. 232,740; Sept. 13; Serial No. 245,347; published July 5, 1927.
 Oil. Charles Arnao Company. 232,759; Sept. 13; Serial No. 249,633; published July 5, 1927.
 Oil. Peppermint. Western Mint Company. 232,563; Sept. 13; Serial No. 246,942; published June 28, 1927.
 Ointments for skin diseases. B. W. O'Connell & Company. 232,651; Sept. 13; Serial No. 249,017; published July 5, 1927.
 Perfumeries. Actien Gesellschaft für Anilin Fabrikation. 64,995; renewed Sept. 3, 1927.
 Perfumes. A. Martory. 232,520; Sept. 13; Serial No. 248,110; published June 28, 1927.
 Perfumes and toilet articles. Nelson-Marcus Company. 232,734; Sept. 13; Serial No. 241,115; published July 5, 1927.
 Perfumes and toilet waters. Chas. A. Stevens & Bros. 232,105; Sept. 13; Serial No. 249,705; published July 5, 1927.
 Pharmaceutical preparation. Rogers Bros. & Co. 232,648; Sept. 13; Serial No. 248,324; published July 5, 1927.
 Powders, creams, packs, toilet waters, etc. Face. Heather Company. 232,645; Sept. 13; Serial No. 246,278; published July 5, 1927.
 Powders, creams, packs, toilet waters, rouges, etc. Face. Alliance Art Products Company. 232,733; Sept. 13; Serial No. 248,035; published June 21, 1927.
 Preparation for destroying insects and vermin, bronchial troches, etc. Ovi Drug Company. 232,712; Sept. 13; Serial No. 166,403; published Feb. 19, 1924.
 Preparation for scouring vegetable textile materials. H. & B. Textile Chemical Corporation. 232,652; Sept. 13; Serial No. 249,168; published July 5, 1927.
 Preparation in powdered form used as a disinfectant and deodorant. Lacteln Company. 232,642; Sept. 13; Serial No. 248,305; published June 28, 1927.
 Preparations used in dressing the hair. Friedman-Cramer Company. 232,729; Sept. 13; Serial No. 233,539; published July 5, 1927.
 Remedy or specific for the elimination of uric acid, etc. R. W. Carroll. 232,720; Sept. 13; Serial No. 213,953; published Jan. 12, 1926.
 Salt, Table. Leslie-California Salt Co. 232,735; Sept. 13; Serial No. 242,011; published July 5, 1927.
 Salves. P. Frisbie. 232,569; Sept. 13; Serial No. 246,399; published June 28, 1927.
 Salves. H. P. Trout. 232,649; Sept. 13; Serial No. 248,536; published July 5, 1927.
 Shampoo. A. J. Krank. 232,713; Sept. 13; Serial No. 192,704; published Apr. 28, 1925.
 Spray, Throat and nasal. F. W. Mitchell, M. D. 232,736; Sept. 13; Serial No. 242,135; published July 5, 1927.
 Toilet preparations. Various. Otella Wesley, Inc. 232,593; Sept. 13; Serial No. 245,821; published June 28, 1927.
 Tonic. B. Menachof. 232,750; Sept. 13; Serial No. 248,854; published July 5, 1927.
 Tonic and laxative. R. S. Warren. 232,666; Sept. 13; Serial No. 248,944; published June 28, 1927.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED.

Water softener. H. & B. Textile Chemical Corp. 232,786; Sept. 13; Serial No. 249,169; published July 5, 1927.
 Water softener. Jifco, Inc. 232,694; Sept. 13; Serial No. 243,369; published July 5, 1927.

CLASS 7.

Cordage. Columbian Rope Company. 65,092; renewed Sept. 10, 1927.
 Rope, Wire. American Cable Company. 232,677; Sept. 13; Serial No. 232,112; published July 5, 1927.

CLASS 10.

Fertilizer, Lawn and crop. Buhner Fertilizer Company. 232,812; Sept. 13.

CLASS 11.

Inks, Writing. L. E. Waterman Company. 232,624-5; Sept. 13; Serial Nos. 247,833-4; published July 5, 1927.

CLASS 12.

Bituminous pavements and sidewalks. Warren Brothers Company. 64,449; renewed Aug. 6, 1927.

CLASS 13.

Bathtubs, sinks, lavatories, laundry trays, etc. D. L. Hamill Co. 232,638; Sept. 13; Serial No. 248,177; published July 5, 1927.
 Casters for furniture, Slide. Foote, Plerson & Company. 232,585; Sept. 13; Serial No. 247,469; published July 5, 1927.
 Nails. Strowan Corporation. 232,721; Sept. 13; Serial No. 220,259; published July 5, 1927.
 Sash balances. Frank Graves Sash, Door & Mill Co. 232,657; Sept. 13; Serial No. 249,054; published July 5, 1927.
 Valves. Ohio Brass Company. 65,218; renewed Sept. 10, 1927.
 Washers. Lock. Shakproof Lock Washer Company. 232,805; Sept. 13.

CLASS 14.

Castings, Steel. Birdshoro Steel Foundry and Machine Company. 232,757; Sept. 13; Serial No. 248,808; published July 5, 1927.

CLASS 15.

Gasoline, lubricating oils and greases. W. J. Ryan Corporation. 232,718; Sept. 13; Serial No. 211,870; published Oct. 16, 1925.
 Oils and greases, Motor. Sunset Petroleum Corporation. 232,640; Sept. 13; Serial No. 248,205; published June 28, 1927.
 Oils, greases, and waxes, etc. Vacuum Oil Company. 232,701; Sept. 13; Serial No. 246,790; published July 5, 1927.
 Oils, Lubricating. A. From. 232,702; Sept. 13; Serial No. 247,073; published July 5, 1927.
 Oils, Lubricating. Pierce Petroleum Corporation. 232,660; Sept. 13; Serial No. 248,321; published June 28, 1927.
 Oils, lubricating oils and greases, Motor. Beacon Oil Company. 232,598; Sept. 13; Serial No. 237,220; published Oct. 26, 1926.

CLASS 16.

Coating composition for joints and reservoirs. Carbonaceous waterproof. E. R. Oden. 232,599; Sept. 13; Serial No. 237,277; published Nov. 23, 1926.
 Finishing compound, Automobile. Sewell Paint and Varnish Company. 232,703; Sept. 13; Serial No. 247,103; published July 5, 1927.
 Lacquers. Cellulose-ester. Röhm & Haas Company. 232,759; Sept. 13; Serial No. 247,512; published July 5, 1927.
 Paints in liquid or paste form. Preservative. Clifford L. Miller & Co. 66,560; renewed Dec. 10, 1927.
 Paints, varnish stain, oil stain, etc. Sullivan Paint Company. 232,711; Sept. 13; Serial No. 247,346; published July 5, 1927.
 Whiting. Aalborg Portland Cement-Fabrik. 232,744; Sept. 13; Serial No. 247,155; published July 5, 1927.

CLASS 17.

Cigarettes, cigars, smoking and chewing tobacco. African Cigarette Company. 65,080; renewed Oct. 15, 1927.
 Cigars. C. F. Garcia. 232,519; Sept. 13; Serial No. 248,096; published July 5, 1927.
 Cigars. R. E. Weatherly. 232,807; Sept. 13.

CLASS 19.

Automobiles, Second-hand Buick. Howard Automobile Company. 232,688; Sept. 13; Serial No. 236,037; published July 5, 1927.

CLASS 21.

Aerials. Scott and Fetzer Company. 232,719; Sept. 13; Serial No. 212,832; published June 28, 1927.
 Batteries and parts thereof, etc. Storage. Willard Storage Battery Company. 232,595; Sept. 13; Serial No. 245,386; published June 28, 1927.

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Cigar lighters and trouble lamps, Electric. Connecticut Automotive Specialties Company. 232,566; Sept. 13; Serial No. 246,597; published June 28, 1927.
 Electric motors. Knapp Electric Corporation. 232,597; Sept. 13; Serial No. 245,058; published June 28, 1927.
 Electric switches. Electrically-actuated control for. Federal Gauge Company. 232,564; Sept. 13; Serial No. 246,894; published June 28, 1927.
 Electric water heaters. Red Spot Electric Co. 232,784; Sept. 13; Serial No. 249,021; published July 5, 1927.
 Electrical conductors. Electric Railway Improvement Co. 66,420; renewed Nov. 26, 1927.
 Lavatory drying apparatus. Chicago Hardware Foundry Company. 232,779; Sept. 13; Serial No. 248,346; published July 5, 1927.
 Lighting fixtures. Matthews Electric Supply Co. Inc. 232,776; Sept. 13; Serial No. 247,275; published July 5, 1927.
 Loud speakers. Stewart-Warner Speedometer Corporation. 232,769; Sept. 13; Serial No. 242,317; published July 5, 1927.
 Radio apparatus. Precision Electric Mfg. Corp. 232,630; Sept. 13; Serial No. 244,885; published June 28, 1927.
 Radio loud speakers. R. H. A. Englund. 232,772; Sept. 13; Serial No. 244,436; published July 5, 1927.
 Radio receiving apparatus. Pal Radio Company. 232,768; Sept. 13; Serial No. 238,520; published July 5, 1927.
 Radio receiving sets and parts thereof. Grimes Radio Engineering Co. 232,782; Sept. 13; Serial No. 248,898; published July 5, 1927.
 Radio receiving sets and parts thereof. Neutrowound Radio Mfg. Co. 232,783; Sept. 13; Serial No. 248,967; published July 5, 1927.
 Stoves and ranges, Electric. Charter Oak Stove & Range Company. 232,775; Sept. 13; Serial No. 248,219; published July 5, 1927.
 Vacuum tubes and valves. Radio Corporation of America. 232,775; Sept. 13; Serial No. 246,773; published July 5, 1927.

CLASS 22.

Fishing reels. Enterprise Manufacturing Company. 232,803; Sept. 13.
 Game, Clock golf. Premier Sport Products, Incorporated. 232,521; Sept. 13; Serial No. 248,125; published July 5, 1927.
 Golf balls. Draper-Maynard Company. 232,643; Sept. 13; Serial No. 249,648; published July 5, 1927.
 Golf tees. Standard Co. 232,531; Sept. 13; Serial No. 248,450; published July 5, 1927.
 Imitation candy. J. E. Nathanson. 232,760; Sept. 13; Serial No. 249,672; published July 5, 1927.
 Woolly dogs, dolls, rattles, etc. Best & Co. 232,557; Sept. 13; Serial No. 242,469; published July 5, 1927.

CLASS 23.

Adzes, axes, bush hooks, grasa hooks, grub hoes, etc. Kelly Axe & Tool Co. 232,733; Sept. 13; Serial No. 240,142; published July 5, 1927.
 Boring mills, radial drills, drilling machines, planers, etc. Upright McCabe & Sheeran Machinery Corporation. 232,797; Sept. 13.
 Lathes. Sidney-Machine Tool Company. 232,749; Sept. 13; Serial No. 247,827; published July 5, 1927.
 Machinery. S. C. Davidson. 66,042; renewed Nov. 5, 1927.
 Machines for moistening, serving, or applying adhesive, etc. Nashua Package Sealing Co. Inc. 232,741; Sept. 13; Serial No. 245,565; published July 5, 1927.
 Pumps. Dayton Pump & Manufacturing Company. 232,751; Sept. 13; Serial No. 248,814; published July 5, 1927.
 Razors and safety razors. Friedr. Herder Abr. Sohn. 232,710; Sept. 13; Serial No. 249,411; published July 5, 1927.
 Sprayers, spray pumps, and powder dusters. D. B. Smith & Company. 232,707; Sept. 13; Serial No. 249,548; published July 5, 1927.
 Tackle and hoisting blocks and sheaves. Boston & Lockport Block Company. 232,732; Sept. 13; Serial No. 238,567; published July 5, 1927.

CLASS 26.

Adding machines. Victor Adding Machine Company. 232,754; Sept. 13; Serial No. 248,333; published July 5, 1927.
 Weighing apparatus. Hennefer Maschinenfabrik C. Reuter & Reiser m. b. H. 65,296; renewed Sept. 17, 1927.

CLASS 27.

Watches, Goldsmith. Stern & Company. 232,774; Sept. 13; Serial No. 245,902; published July 5, 1927.
 Watches, watchcases, and watch movements. Katz & Ogush, Inc. 232,771; Sept. 13; Serial No. 244,080; published July 5, 1927.
 Watches, watchcases, and watch movements. Katz & Ogush, Inc. 232,780; Sept. 13; Serial No. 248,574; published July 5, 1927.

CLASS 28.

Fraternity pins, badges, charms, finger rings, etc. Acacia Fraternity. 232,632; Sept. 13; Serial No. 244,734; published June 28, 1927.

Fraternity pins, badges, lapel buttons, cuff links, charms, etc. Kappa Alpha Order. 232,495; Sept. 13; Serial No. 245,056; published June 28, 1927.
Jewelry and novelties. Stein & Ellbogen Company. 232,743; Sept. 13; Serial No. 246,510; published July 5, 1927.
Necklaces, brooches, bracelets, etc. Cohn & Rosenberger, Inc. 232,752; Sept. 13; Serial No. 247,888; published July 5, 1927.
Necklaces, brooches, bracelets, etc. Cohn & Rosenberger, Inc. 232,777; Sept. 13; Serial No. 247,889; published July 5, 1927.
Pearls and reproduction of pearls or imitations thereof. Strings of. L. Heller & Son. 232,716; Sept. 13; Serial No. 207,241; published April 27, 1926.
Rings, bar pins, bracelets, brooches, etc. Flinger. Katz & Ogush, Inc. 232,608; Sept. 13; Serial No. 244,079; published June 28, 1927.
Rings, Wedding. Interstate Smelting & Refining Co., Inc. 232,748; Sept. 13; Serial No. 247,795; published July 5, 1927.
Watch chains, key chains, buckles and belts, bracelets, etc. Whiting and Davis Chain Company. 232,605; Sept. 13; Serial No. 240,937; published June 28, 1927.

CLASS 20.

Cloths, Wiping. N. T. Jackson. 232,801; Sept. 13.
Powder puffs. S. Blechman & Sons, Inc. 232,537; Sept. 13; Serial No. 247,254; published July 5, 1927.
Powder puffs. A. L. Siegel. 232,533; Sept. 13; Serial No. 247,043; published July 5, 1927.

CLASS 32.

Cabinets for radio phonograph, etc. Landay Bros., Inc. 232,755; Sept. 13; Serial No. 248,578; published July 5, 1927.
Chairs, settees, bassinets, etc. Lehman Company of America, Inc. 232,814; Sept. 13.
Pillows and mattresses. Sunset Feather Company. 232,731; Sept. 13; Serial No. 238,409; published July 5, 1927.

CLASS 34.

Furnaces. New Holland Machine Co. 232,663; Sept. 13; Serial No. 248,511; published July 5, 1927.
Gas-lighting plants. C. S. Trump. 232,504; Sept. 13; Serial No. 246,239; published July 5, 1927.
Heating and ventilating apparatus. S. C. Davidson. 65,980; renewed Nov. 5, 1927.
Oil-burning apparatus. F. S. Pilven. 232,798; Sept. 13.
Ranges, etc. Gas and coal. Malleable Iron Range Company. 232,576; Sept. 13; Serial No. 247,090; published July 5, 1927.

CLASS 35.

Belting, Leather. Detroit Oak Belting Company. 67,177; renewed Jan. 21, 1928.
Belting, Leather. Ulmer Leather Company. 232,794; Sept. 13.
Rubber tires, inner tubes, etc. Chicago Mail Order Company. 232,730; Sept. 13; Serial No. 235,110; published July 5, 1927.

CLASS 36.

Bows for stringed instruments. Carl Fischer, Inc. 232,770; Sept. 13; Serial No. 242,718; published July 5, 1927.
Musical instruments. C. Meisel. 66,105; renewed Nov. 12, 1927.
Musical instruments. C. Meisel. 66,142; renewed Nov. 12, 1927.
Musical instruments. C. Meisel. 66,159; renewed Nov. 12, 1927.
Pianos and player pianos. Behr Bros. Co., Inc. 232,727; Sept. 13; Serial No. 231,180; published July 5, 1927.
Pianos, player pianos, and piano players. Grand and upright. Wurlitzer Grand Piano Company. 232,518; Sept. 13; Serial No. 248,077; published June 28, 1927.
Reeds for metal wind instruments. Carl Fischer, Inc. 232,773; Sept. 13; Serial No. 245,703; published July 5, 1927.
Sound-reproducing machines. Electric pick-ups used in connection with. Adams-Sibley Development Corporation. 232,781; Sept. 13; Serial No. 248,662; published July 5, 1927.
Trumpets, clarinets, flutes, alto horns, etc. M. Meyers. 232,635; Sept. 13; Serial No. 244,564; published June 28, 1927.

CLASS 37.

Envelopes, Mailing. Transo Envelope Company. 232,696; Sept. 13; Serial No. 227,609; published Dec. 28, 1926.
Pencils. F. P. Preissle, Jr. 232,795; Sept. 13.

CLASS 39.

Arctics. Beacon Falls Rubber Shoe Co. 232,667; Sept. 13; Serial No. 248,952; published June 28, 1927.
Boots and shoes. Firestone-Apsley Rubber Company. 232,725; Sept. 13; Serial No. 226,894; published June 14, 1927.
Boots and shoes. United States Rubber Company. 232,631; Sept. 13; Serial No. 244,802; published June 14, 1927.

Boots and shoes, rubber overshoes, etc. Rubber. Hood Rubber Company. 232,498; Sept. 13; Serial No. 245,489; published June 14, 1927.
Brassieres, corsets, girdles, and ladies' underwear. Eddy-Form. 232,550; Sept. 13; Serial No. 247,081; published June 14, 1927.
Cloaks, outer suits, and outer skirts. Ladies'. Landessman Hirschelmer Company. 66,880; renewed Dec. 31, 1927.
Coats. I. & B. Sapiro Cloak Co. 232,600; Sept. 13; Serial No. 238,195; published June 21, 1927.
Coats, suits, vests, and trousers. Students Two-Pants Clothing Company. 232,525; Sept. 13; Serial No. 248,204; published June 21, 1927.
Coats, vests, trousers, etc. J. Schoeneman, Incorporated. 232,522; Sept. 13; Serial No. 248,181; published June 28, 1927.
Coats, vests, trousers, etc. Men's and young men's. Shirek & Hirsch. 232,558; Sept. 13; Serial No. 242,693; published June 21, 1927.
Coats, wraps, underwear, hosiery, etc. Weiss, Frank & Gintel, Inc. 232,539; Sept. 13; Serial No. 247,349; published June 21, 1927.
Collars and cuffs, vestees, and scarfs. Oppenheim & Baruch, Inc. 232,510; Sept. 13; Serial No. 246,974; published June 14, 1927.
Corsets, girdles, and underwear. Eddy-Form Brassiere Co. 232,549; Sept. 13; Serial No. 247,680; published June 14, 1927.
Cravats. S. Goldstein. 232,556; Sept. 13; Serial No. 242,180; published June 21, 1927.
Cravats, ties, etc. J. I. Gumpert and Sons, Inc. 232,614; Sept. 13; Serial No. 243,437; published June 14, 1927.
Dresses. Levi & Seligman, Inc. 232,615; Sept. 13; Serial No. 243,380; published June 21, 1927.
Dresses. Charles Salomon & Co., Inc. 232,501; Sept. 13; Serial No. 245,957; published June 14, 1927.
Dresses. Charles Salomon & Co., Inc. 232,514; Sept. 13; Serial No. 247,987; published June 21, 1927.
Dresses. Sherr Bros. 232,572; Sept. 13; Serial No. 245,866; published June 14, 1927.
Dresses and wraps. B. Altman & Co. 232,722; Sept. 13; Serial No. 221,687; published June 21, 1927.
Dresses, bloomers, ladies' dresses, boys' suits, etc. Children's. Isbell-Kent-Oakes Dry Goods Company. 232,737; Sept. 13; Serial No. 242,483; published June 28, 1927.
Dresses, coats, and suits. Pickwick Dress Company. 232,543; Sept. 13; Serial No. 247,443; published June 21, 1927.
Hats. Knox Hat Company. 232,534; Sept. 13; Serial No. 247,190; published June 21, 1927.
Hats. La France Hat Co. 232,671; Sept. 13; Serial No. 248,004; published June 14, 1927.
Hats, Ladies'. Harry Rosenberg & Co. 232,513; Sept. 13; Serial No. 247,909; published June 21, 1927.
Hats, Men's stiff and felt. Crestwell Hatters, Inc. 232,582; Sept. 13; Serial No. 247,361; published June 14, 1927.
Hats, Straw. Endel & Peles Straw Hat Works, Inc. 232,697; Sept. 13; Serial No. 228,746; published June 14, 1927.
Hoods, Rubber. Casa Anchorena, Inc. 232,512; Sept. 13; Serial No. 246,462; published June 14, 1927.
Hoods of wool, straw, hemp, etc. Harry Geist Company. 232,699; Sept. 13; Serial No. 230,667; published June 14, 1927.
Hosiery. Himmelhoch Brothers & Company. 232,541; Sept. 13; Serial No. 247,472; published June 14, 1927.
Hosiery. Phoenix Hosiery Company. 232,545; Sept. 13; Serial No. 247,597; published June 14, 1927.
Hosiery. Phoenix Hosiery Company. 232,588-9; Sept. 13; Serial Nos. 247,565-6; published June 14, 1927.
Hosiery, Ladies' full-fashioned. Berkshire Knitting Mills. 232,546-8; Sept. 13; Serial Nos. 247,665-7; published June 21, 1927.
Hosiery, Protectors for. H. B. Schott. 232,587; Sept. 13; Serial No. 247,497; published June 14, 1927.
Hosiery, Women's. David Jacobs Corporation. 232,532; Sept. 13; Serial No. 248,478; published June 28, 1927.
Jackets, Shaprio & Rubin. 232,577; Sept. 13; Serial No. 247,104; published June 14, 1927.
Leggings. M. F. Pollard. 232,613; Sept. 13; Serial No. 243,560; published June 28, 1927.
Overalls, shirts, pants, etc. Carp & Co. 232,574; Sept. 13; Serial No. 247,002; published June 14, 1927.
Overcoats, coats, suits, etc. Roberts-Wicks Company. 232,698; Sept. 13; Serial No. 230,416; published June 14, 1927.
Pants, Rubber baby. J. C. Penny Company. 232,511; Sept. 13; Serial No. 246,982; published June 14, 1927.
Play suits and underwear. Wheatley & Schwabe. 232,611; Sept. 13; Serial No. 243,903; published June 14, 1927.
Pyjamas, night robes, underwear, etc. Carlton Mills, Inc. 232,555; Sept. 13; Serial No. 247,887; published June 14, 1927.
Raincoats. Cooper Rain Wear Mfg. Co. 232,584; Sept. 13; Serial No. 247,461; published June 14, 1927.
Shirts. D. F. M. Fitzgerald. 232,508; Sept. 13; Serial No. 246,745; published June 14, 1927.
Shirts and pants. Chicago Mail Order Company. 232,597; Sept. 13; Serial No. 246,667; published June 14, 1927.

Shirts and pyjamas. Usona Shirt Company. 232,554; Sept. 13; Serial No. 247,763; published June 14, 1927.
Shirts having collars attached. Tutelman & Kohn. 232,583; Sept. 13; Serial No. 247,452; published June 14, 1927.
Shoes. Central Shoe Company. 232,680; Sept. 13; Serial No. 233,103; published June 21, 1927.
Shoes. Churchill and Alden Company. 232,575; Sept. 13; Serial No. 247,067; published June 7, 1927.
Shoes. Cushman-Hollis Company. 232,578; Sept. 13; Serial No. 247,173; published June 14, 1927.
Shoes. W. F. Drese. 232,517; Sept. 13; Serial No. 248,032; published June 14, 1927.
Shoes. Charles A. Eaton Company. 232,607; Sept. 13; Serial No. 244,220; published June 14, 1927.
Shoes. Field Bros. & Gross Co. 232,552; Sept. 13; Serial No. 247,732; published June 28, 1927.
Shoes. Harper & Kirschten Shoe Co. 232,633; Sept. 13; Serial No. 244,692; published June 14, 1927.
Shoes. Harper & Kirschten Shoe Co. 232,738; Sept. 13; Serial No. 244,154; published June 21, 1927.
Shoes and boots. Excelsior Shoe Company. 232,526; Sept. 13; Serial No. 248,228; published June 14, 1927.
Shoes, Children's. Truitt Brothers Incorporated. 232,715; Sept. 13; Serial No. 208,495; published June 28, 1927.
Shoes, Men's leather. R. H. Macy & Co. 232,811; Sept. 13.
Shoes, slippers, and boots, overshoes, and shoe findings, etc. Cumberland Shoe Co. 232,515; Sept. 13; Serial No. 247,989; published June 14, 1927.
Shoes, Women's leather. R. J. Roche. 232,664; Sept. 13; Serial No. 248,517; published June 21, 1927.
Suits and overcoats. Epstein Frank & Lochner, Inc. 232,516; Sept. 13; Serial No. 247,992; published June 21, 1927.
Suits and overcoats. H. Wolbarsht & Company. 232,626; Sept. 13; Serial No. 244,967; published June 14, 1927.
Suits and overcoats, Men's. Wm. P. Goldman & Bros., Inc. 232,618; Sept. 13; Serial No. 247,949; published June 14, 1927.
Suits, coats, and dresses. Jaunty Garment Co., Inc. 232,739; Sept. 13; Serial No. 245,096; published June 14, 1927.
Suits, overcoats, and topcoats, Men's. Barron-Anderson Company. 232,528; Sept. 13; Serial No. 248,389; published June 28, 1927.
Suits, overcoats, and topcoats, Men's. H. Weinstein. 232,565; Sept. 13; Serial No. 246,868; published June 28, 1927.
Suits, overcoats, waistcoats, and trousers, Men's. M. Wile & Company. 232,596; Sept. 13; Serial No. 245,131; published June 28, 1927.
Suits, pants, overcoats, shirts, etc. Dolph-Murray, Inc. 232,594; Sept. 13; Serial No. 245,622; published June 14, 1927.
Suits, topcoats, overcoats, knickers, reefers, etc. Men's and young men's. Spector Brothers. 232,553; Sept. 13; Serial No. 247,758; published June 21, 1927.
Suspenders and belts. Monarch Company. 66,670; renewed Dec. 17, 1927.
Ties. I. Isaac. 232,567; Sept. 13; Serial No. 246,556; published June 28, 1927.
Topcoats, overcoats, and suits. American Retail Stores Co. 232,686; Sept. 13; Serial No. 235,447; published June 14, 1927.
Trousers, vests, coats, overcoats, etc. Rogers Peet Company. 232,503; Sept. 13; Serial No. 246,229; published June 14, 1927.
Tuxedos and shirts. Burkhardt Bros. Co. 232,571; Sept. 13; Serial No. 246,152; published June 21, 1927.
Underwear. Marshall Field & Company. 232,799; Sept. 13.
Underwear. Van Dyke Knitting Company. 232,568; Sept. 13; Serial No. 246,520; published June 21, 1927.
Underwear. Wheatley & Schwabe. 232,610; Sept. 13; Serial No. 243,905; published June 14, 1927.
Underwear for men and boys. Piqua Hosiery Company. 232,627; Sept. 13; Serial No. 244,957; published June 28, 1927.
Underwear, Knitted. H. J. Tully. 232,551; Sept. 13; Serial No. 247,716; published June 14, 1927.
Underwear, lingerie, dresses, and suits. Wyant Way of New York, Inc. 232,573; Sept. 13; Serial No. 246,989; published June 14, 1927.
Underwear, Men's and boys'. Woolf Brothers, Inc. 232,815; Sept. 13.
Underwear, Men's athletic. Oppenheim, Oberndorf & Co. 232,601; Sept. 13; Serial No. 238,610; published June 7, 1927.
Underwear, ties, scarfs, and mufflers. Clarion Knitting Mills, Inc. 232,529-30; Sept. 13; Serial Nos. 248,391-2; published June 28, 1927.

CLASS 40.

Blasfold tapes and trimmings of fabric. William E. Wright and Sons Company. 232,629; Sept. 13; Serial No. 244,908; published May 31, 1927.
Brands. Amberg, Schwab & Co. 232,538; Sept. 13; Serial No. 247,352; published May 31, 1927.
Buttons, Agate. E. W. Brockman. 232,523; Sept. 13; Serial No. 248,150; published June 14, 1927.
Buttons, Agate. New York Merchandise Company. 232,524; Sept. 13; Serial No. 248,186; published June 14, 1927.

Combs. Wilcox Comb Company. 232,535; Sept. 13; Serial No. 247,234; published June 14, 1927.
Dress shields. C. F. Hovey Co. 232,540; Sept. 13; Serial No. 247,474; published May 31, 1927.
Elastic bands. Andrew Jergens Company. 232,497; Sept. 13; Serial No. 245,397; published June 7, 1927.
Fasteners for the waistbands of trousers. Alma Manufacturing Company of Baltimore City. 232,505; Sept. 13; Serial No. 246,261; published June 7, 1927.
Patches for patchwork. Ready-cut. Patchcraft Corporation. 232,527; Sept. 13; Serial No. 248,245; published June 14, 1927.
Patterns for producing lacework. J. H. Wachter. 232,506; Sept. 13; Serial No. 246,521; published June 7, 1927.
Pins, Brass. J. C. Penney Company. 232,561-2; Sept. 13; Serial Nos. 246,977-8; published May 31, 1927.
Pins, safety pins, snap fasteners, etc. William Prym G. m. b. H. 232,644; Sept. 13; Serial No. 245,312; published June 21, 1927.
Shoe laces. Griggs, Cooper & Company. 232,676; Sept. 13; Serial No. 231,858; published June 14, 1927.
Tape, Blas-fold. Jordan Marsh Company. 232,544; Sept. 13; Serial No. 247,543; published May 31, 1927.

CLASS 41.

Umbrellas. S. Blechman & Sons, Inc. 232,536; Sept. 13; Serial No. 247,253; published May 31, 1927.

CLASS 42.

Blankets, sheets, etc. C. F. Hovey Co. 232,586; Sept. 13; Serial No. 247,476; published July 5, 1927.
Cloths, cloth blankets, etc. Wash. S. Blechman & Sons, Inc. 232,580; Sept. 13; Serial No. 247,252; published July 5, 1927.
Cotton piece goods. Nashua Manufg. Company. 232,674; Sept. 13; Serial No. 248,012; published July 5, 1927.
Cotton piece goods. Clarence Whitman & Sons, Inc. 232,704; Sept. 13; Serial No. 249,761; published July 5, 1927.
Linen, cotton, silk, and rayon piece goods, etc. Scher-Sanders Corporation. 232,579; Sept. 13; Serial No. 247,217; published July 5, 1927.
Pile fabrics. Merrimack Manufacturing Company. 232,763-64; Sept. 13; Serial Nos. 249,738-9; published July 5, 1927.
Rugs, Textile. Hillside Cotton Mills. 232,628; Sept. 13; Serial No. 244,935; published July 5, 1927.
Sheetings, shirting, and drillings. Clifton Manufacturing Company. 66,548; renewed Dec. 10, 1927.
Sheets and pillowcases. Herpoisheimer Company. 232,800; Sept. 13.
Silk piece goods. Stebbil Silks Corporation. 232,612; Sept. 13; Serial No. 243,892; published July 5, 1927.
Silk piece goods. Wager & Hirsch, Inc. 232,560; Sept. 13; Serial No. 243,073; published June 28, 1927.
Silk piece goods and lace fabrics. Alfred Kohlberg, Inc. 232,792; Sept. 13; Serial No. 249,663; published July 5, 1927.
Silk piece goods and silk-mixed piece goods. Susquehanna Silk Mills. 67,063; renewed Jan. 14, 1928.
Silk piece goods and silk-mixed piece goods. Susquehanna Silk Mills. 67,082; renewed Jan. 14, 1928.
Silk, wool, cotton, and hairs. Piece goods of. Bianchini, Forler. 232,592; Sept. 13; Serial No. 247,671; published July 5, 1927.
Tapestry and wall drapes, curtains, etc. S. Blechman & Sons, Inc. 232,745; Sept. 13; Serial No. 247,255; published July 5, 1927.
Textile fabrics, Worsted and woolen. Holden-Leonard Company. 232,641; Sept. 13; Serial No. 248,232; published July 5, 1927.
Towels, Textile. E. E. Robinson. 232,806; Sept. 13.
Woolen piece goods. Forstmann & Huffman Company. 232,646; Sept. 13; Serial No. 249,653; published July 5, 1927.
Woolen piece goods. Forstmann & Huffman Company. 232,790; Sept. 13; Serial No. 249,654; published July 5, 1927.

CLASS 44.

Sanitary belts. Olmstead Corporation. 232,747; Sept. 13; Serial No. 247,561; published July 5, 1927.

CLASS 45.

Beverage and sirup for making the same. H. Pappas. 232,654; Sept. 13; Serial No. 249,487; published July 5, 1927.
Beverages. Major Fruit Products Company. 232,502; Sept. 13; Serial No. 246,214; published July 5, 1927.
Beverages sold as soft drinks and sirups for making the same. E. A. Roebke. 232,691; Sept. 13; Serial No. 236,773; published July 5, 1927.
Ginger ale and beverages. John Graf Company. 232,791; Sept. 13; Serial No. 249,657; published July 5, 1927.
Juices for beverage purposes, Fruit. Citrus Products Corporation. 232,714; Sept. 13; Serial No. 207,968; published July 5, 1927.
Water, Spring. W. Sinaiko. 232,762; Sept. 13; Serial No. 249,680; published July 5, 1927.

CLASS 46.

Beans, Dried. Chatterton & Son. 232,634; Sept. 13; Serial No. 244,666; published July 5, 1927.

Bread, W. B. Fink. 232,717; Sept. 13; Serial No. 210,227; published June 28, 1927.
 Bread, B. Westergaard & Co. 232,496; Sept. 13; Serial No. 245,308; published June 28, 1927.
 Buttermilk, Bulgarian. A. M. Deutsch. 232,682; Sept. 13; Serial No. 233,672; published June 28, 1927.
 Cake icing. Mrs. John J. Ratty. 232,619; Sept. 13; Serial No. 247,907; published June 28, 1927.
 Candy. Queen Anne Candy Company. 232,766; Sept. 13; Serial No. 249,807; published July 5, 1927.
 Candy bar. Shotwell Mfg. Co. 232,761; Sept. 13; Serial No. 249,679; published July 5, 1927.
 Canned, dried, and fresh fruits, candied nuts, etc. H. Hicks & Son, Inc. 232,700; Sept. 13; Serial No. 230,997; published June 28, 1927.
 Canned fruits. Greco Canning Company. 232,683-4; Sept. 13; Serial Nos. 235,209-10; published June 28, 1927.
 Canned fruits. Greco Canning Company. 232,685; Sept. 13; Serial No. 235,212; published June 28, 1927.
 Canned fruits and vegetables. G. W. Hume Company. 232,819; Sept. 13.
 Canned fruits, vegetables, vinegar, soups, salad dressing, etc. T. A. Snider Preserve Co. 232,616; Sept. 13; Serial No. 243,238; published June 28, 1927.
 Chicks, Baby. J. C. Canfield. 232,809; Sept. 13.
 Chocolate milk powder. W. A. Heyman. 232,675; Sept. 13; Serial No. 248,041; published June 28, 1927.
 Cocoa, milk cocoa, chocolate coatings, sweet milk chocolate, etc. Lamont, Corliss & Company. 232,816; Sept. 13.
 Codfish, dried and salted. Gorton-Pew Fisheries Company, Ltd. 232,672-3; Sept. 13; Serial Nos. 247,995-6; published July 5, 1927.
 Coffee. Kroger Grocery & Baking Co. 232,603; Sept. 13; Serial No. 238,909; published Dec. 14, 1926.
 Coffee. Young & Griffin Coffee Company. 232,636; Sept. 13; Serial No. 244,418; published July 5, 1927.
 Eggs and dressed poultry. Minnesota Co-Operative Egg & Poultry Exchange, Inc. 232,604; Sept. 13; Serial No. 240,360; published June 28, 1927.
 Feed, dairy and poultry. Kasco Mills, Inc. 232,509; Sept. 13; Serial No. 246,755; published June 28, 1927.
 Feed, horse and mule. Grain Belt Mills Company. 232,623; Sept. 13; Serial No. 247,843; published June 28, 1927.
 Feed, horse, mule, and chicken. Grain Belt Mills Company. 232,622; Sept. 13; Serial No. 247,855; published June 28, 1927.
 Feed, horse, mule, and dairy. Grain Belt Mills Company. 232,621; Sept. 13; Serial No. 247,856; published June 28, 1927.
 Figs, dried. California Peach & Fig Growers Association. 232,808; Sept. 13.
 Flour, wheat. Southwestern Milling Co. 232,724; Sept. 13; Serial No. 225,492; published June 28, 1927.
 Flour, wheat. D. Stott. 64,761; renewed Aug. 20, 1927.
 Flour, wheat. Washburn Crosby Company. 66,614; renewed Dec. 17, 1927.
 Food beverage. Chocolate Products Co. 232,609; Sept. 13; Serial No. 244,043; published June 28, 1927.
 Frankfurters, frankfurter-style sausage, etc., imported-style. Louis Meyer Co. 232,804; Sept. 13.
 Fruit, fresh citrus. Orange Mutual Citrus Association. 232,668; Sept. 13; Serial No. 249,533; published July 5, 1927.

Fruits and grapes, fresh. Vacaville Fruit Growers Association. 232,670; Sept. 13; Serial No. 249,558; published July 5, 1927.
 Groceries, wholesale. Louis Dobbratz Co. 232,581; Sept. 13; Serial No. 247,266; published June 28, 1927.
 Gum, chewing. Wm. Wrigley Jr. Company. 232,499; Sept. 13; Serial No. 245,772; published July 5, 1927.
 Hams, smoked. James and E. S. Speed. 232,793; Sept. 13.
 Ice-cream confection. S. Przybyszewski. 232,637; Sept. 13; Serial No. 248,056; published July 5, 1927.
 Milk for babies, invalids, etc., special dry. Mammala Corporation. 232,681; Sept. 13; Serial No. 233,210; published June 28, 1927.
 Milk, sweet cream, poultry feed, etc., sweet, condensed, powdered, and evaporated. Land O'Lakes Creameries Inc. 232,493; Sept. 13; Serial No. 245,014; published June 28, 1927.
 Molasses. Oelerich & Berry Company. 232,689; Sept. 13; Serial No. 236,282; published June 28, 1927.
 Mustard, sweet pickle relish, maple sirup, honey, etc. Benjamin-Hartoon Company. 232,679; Sept. 13; Serial No. 233,100; published June 28, 1927.
 Peanuts, almonds, pistachio nuts, etc. J. C. Herzog. 232,494; Sept. 13; Serial No. 245,053; published July 5, 1927.
 Pepper, salad, and celery relish. Oliver Relish Company. 232,620; Sept. 13; Serial No. 247,866; published June 28, 1927.
 Pop corn, raw. Cracker Jack Co. 232,678; Sept. 13; Serial No. 232,814; published July 5, 1927.
 Salad dressing, tartar sauce, jellies, etc. F. M. Casler. 232,602; Sept. 13; Serial No. 238,636; published June 28, 1927.
 Sauce or dressing used for meats, soups, etc., Table. Theonett & Co. 232,687; Sept. 13; Serial No. 235,535; published June 28, 1927.
 Seasonings for food. J. A. Abadie. 232,590; Sept. 13; Serial No. 247,588; published June 28, 1927.
 Sirup, Table. W. B. Roddenberry. 232,639; Sept. 13; Serial No. 248,198; published June 28, 1927.
 Sirups and extracts for foods, flavoring. Captain Kidd Products, Inc. 232,500; Sept. 13; Serial No. 245,892; published June 28, 1927.
 Sirups, fruit extracts, fruit juices, crushed and preserved fruits, etc. Soda Lunch Equipment Co. 232,726; Sept. 13; Serial No. 227,373; published July 20, 1927.
 Vegetables and berries, fresh. Co-Operative Lettuce & Cauliflower Ass'n. 232,802; Sept. 13.

CLASS 48.

Malt and hops, Extract or sirup of. Reading Malt & Hops Co. 232,669; Sept. 13; Serial No. 249,540; published July 5, 1927.
 Malt sirup. Buckeye Producing Co. 232,606; Sept. 13; Serial No. 241,516; published July 5, 1927.
 Malt sirup. Carr and Craig. 232,765; Sept. 13; Serial No. 249,779; published July 5, 1927.
 Malt sirup, Hop-flavored. Brodie's, Inc. 232,653; Sept. 13; Serial No. 249,509; published July 5, 1927.

CLASS 50.

Bronze goods and sculptures, Artistic. A. Flinta. 232,796; Sept. 13.

ALPHABETICAL LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 13TH DAY OF SEPTEMBER, 1927.

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice). Includes patents, reissues, and designs.

A C Spark Plug Company. (See Rabezzana, Hector, assignor.)
 Abbott, Royal K., Cranston, assignor to Respro Inc., Providence, R. I. Artificial leather. 1,642,394; Sept. 13.
 Abraham, Fred A., Martinsville, Ind. Convertible baby seat. 1,641,952; Sept. 13.
 Abraham, Fred A., Martinsville, Ind. Convertible baby seat. 1,641,953; Sept. 13.
 Abrahams, Jacob, Bradley Beach, N. J. Tool for the repair of automobile tire shoes. 1,642,395; Sept. 13.
 Acker, William L., Scranton, Pa. Core bit and plug for drilling. 1,642,572; Sept. 13.
 Ackerman-Blaesser-Fezzey, Inc. (See Ackerman, Edward L., assignor.)
 Ackerman, Edward L., Romeo, assignor to Ackerman-Blaesser-Fezzey, Inc., Detroit, Mich. Sash-operating mechanism. 1,641,954; Sept. 13.
 Acme Ball Bearing Spindle Company. (See Chapman, Fred H., assignor.)
 Adams, Leonard, Buffalo, N. Y. Telescoping radio loop or antenna. 1,642,350; Sept. 13.
 Almsworth, Chester D., Wollaston, assignor to Condor Electrical Manufacturing Corporation, Boston, Mass. Electromagnetically operated device. 1,642,288; Albrecht, William F. (See Shebol, J., and Albrecht.)
 Alderdice, Walter, Brooklyn, assignor to Alfred W. Channing, Inc., New York, N. Y. Metal furnace. 1,642,351; Sept. 13.
 Allegheny Steel Company. (See Otte, Otho M., assignor.)
 Allen, Edgar, Wichita Falls, Tex. Wire-rope fittings. 1,642,573; Sept. 13.
 All-Steel-Equip Company. (See Knell, John, assignor.)
 Alloy Metal Products Co. (See Shortt, James, assignor.)
 Alfasser, Joseph, Chicago, Ill. Bracket. 1,642,352; Sept. 6.
 American Automotive Corporation. (See Lavigne, Henry W., assignor.)
 American Battery Products Corporation. (See MacKenzie, William A., assignor.)
 American Can Company. (See Miller, Henry, assignor.)
 American Can Company. (See Peters, John F., assignor.)
 American Can Company. (See Rudolph, Franklin, assignor.)
 American Gas Machine Company. (See Olsen, Walter, assignor.)
 American Manufacturing Company. (See Fliedner, John, assignor.)
 American Multigraph Company, The. (See Delchanty, Robert J., assignor.)
 American Smelting and Refining Company. (See Chisholm, Oliver P., assignor.)
 American Telephone and Telegraph Company. (See Horsford, Roger F., assignor.)
 American Telephone and Telegraph Company. (See McCutchen, Brunson S., assignor.)
 American Telephone and Telegraph Company. (See Verham, G. S., and Perry, assignors.)
 Anderson, Ernst G. K., assignor, by mesne assignments, to Appleton Electric Co., Chicago, Ill. Electric switch. 1,642,528; Sept. 13.
 Anderson, John A., assignor to B. S. Gray, trustee, Geneva, Ill. Automatic take-up bearing. 1,642,476; Sept. 6.
 Anderson, Oscar, Crosby, Minn. Folding chair. 1,642,477; Sept. 13.
 Anderson, William. (See McLaughlin, P. T., and Anderson.)
 Angelo, Stefan, Starkville, Colo. Direction indicator for automobiles. 1,641,950; Sept. 13.
 Appelbaum, Isaac, Philadelphia, Pa. Folding container. 1,642,529; Sept. 13.
 Apple, Vincent G., Dayton, Ohio. Armature. 1,642,057; Sept. 13.
 Appleton Electric Co. (See Anderson, Ernst G. K., assignor.)
 Appleton, Joseph H., Port Washington, and F. H. Kriz, assignors to Leach Company, Oshkosh, Wis. Machine for making links or similar articles. 1,641,951; Sept. 13.
 Arthur-Fowler Co. (See Fowler, Paul L., assignor.)
 Arduser, George B., Toledo, Ohio. Mold cleaning and polishing apparatus. 1,642,289; Sept. 13.
 Arev, Fred C., Oak Park, assignor to L. J. Brainard, Chicago, Ill. Length control for sausage machines. 1,642,353; Sept. 13.
 Arnstein, Karl, Akron, Ohio, assignor to Luftschiffbau Zeppelin Gesellschaft mit beschränkter Haftung, Friedrichshafen, Bodensee, Germany. Aircraft. 1,642,005; Sept. 13.
 Ashtabula Bow Socket Company, The. (See Leach, Sagito J., assignor.)
 Aucker, Robert F. (See Moyer, G. H., and Aucker.)
 Auerbach, Max, the Hague, Netherlands. Textile machine. 1,642,354; Sept. 13.
 Auld, Fredrick H., Columbus, Ohio. Inlaid work of curved formation and producing the same. 1,641,955; Sept. 13.
 Automatic Electric Inc. (See Lomax, Clarence E., assignor.)
 Avbelj, Joseph, Bridgeport, Ohio. Coal drill. 1,642,355; Sept. 13.
 Azzara, Polo C., Cresson, Pa. Spike. 1,642,006; Sept. 13.
 Babcock & Wilcox Company. (See Webster, Hosea, assignor.)
 Bager, William M., W. Lehman, and F. C. Ruhloff, South Milwaukee, Wis. Dipper for excavating machinery. 1,642,189; Sept. 13.
 Bager, William M., W. Lehman, and F. C. Ruhloff, South Milwaukee, Wis. Dipper-front construction. 1,642,191; Sept. 13.
 Bain, John, et al. (See Geake, William H. G., assignor.)
 Baker Brothers Glass Company. (See Scohy, John R., assignor.)
 Baker Perkins Company. (See Tiedke, Hans F., assignor.)
 Baker, William D., Trona, Calif. Nonglare road and car illuminating headlight. 1,642,190; Sept. 13.
 Balcerzak, Frank, Milwaukee, Wis. Combined cap remover and milk-bottle top. 1,642,396; Sept. 13.
 Baldwin, Oliver W., Gary, Ind. Combination salt and pepper shaker. Des. 73,424; Sept. 13.
 Ballamos, Elizabeth. (See Reason, Walter M., assignor.)
 Balls, Arnold K., Philadelphia, Pa. Propagating yeasts. 1,642,192; Sept. 13.
 Balls, Arnold K., Philadelphia, Pa. Food product. 1,642,320; Sept. 13.
 Balthasar, John, and H. Gentz, Jersey City, N. J. Automatic safety gas cock. 1,642,007; Sept. 13.
 Banigan, Thomas F. (See Bassett, H. P., and Banigan.)
 Banner, Otto A., assignor to The Falk Corporation, Milwaukee, Wis. Oil engine. 1,642,137; Sept. 13.
 Banning, Thomas A., Jr., Wilmette, Ill. Locomotive power-reverse gear. 1,642,193; Sept. 13.
 Barbour, Fred R., Los Angeles, Calif. Tent. 1,642,530; Sept. 13.
 Bardet, George A., Berkeley, and W. E. Burns, Burlingame, Calif., assignors to M. J. B. Co. Combined can and opener. 1,642,478; Sept. 13.
 Barker, Frank E., Birmingham, England. Teapot and like vessel for making beverages by infusion. 1,642,222; Sept. 13.
 Barnard, Therides V., Schaller, Iowa. Popping kettle. 1,642,531; Sept. 13.
 Barthel, Hans, and P. Kurth, assignors to the Firm Alfred Wassmuth G. m. b. & Co., Cologne-Dellbrück, Germany. Device for reducing the energy of flow of a flowing fluid. 1,642,409; Sept. 13.
 Bassett, George A. (See Wilkinson, H., and Bassett.)
 Bassett, Harry P., Cynthiana, Ky., and T. F. Banigan, Clifton Heights, Pa., assignor, by mesne assignments, to said Bassett. Spinning threads. 1,642,290; Sept. 13.
 Bassett, Harry P., Cynthiana, Ky., and T. F. Banigan, Clifton Heights, Pa., assignors, by mesne assignments, to said Bassett. Spinning artificial silk. 1,642,291; Sept. 13.
 Batterman, John J., Dedham, Mass., assignor to Vacuum Refrigerating Company. Refrigerating apparatus. 1,642,321; Sept. 13.
 Beard, Arthur L., Minneapolis, Minn. Lock. 1,642,480; Sept. 13.
 Beauregard, Victor, Boston, Mass. Hair clipper. 1,642,532; Sept. 13.
 Beck, Alwin H., and E. S. Mix, assignors to Hickok Manufacturing Company, Inc., Rochester, N. Y. Detachable link. 1,642,322; Sept. 13.
 Becker, Albert W., Windsor, Conn. Heating attachment. 1,642,292; Sept. 13.
 Becker, Frank, Jr., Mount Carroll, Ill. Incubator egg tray. 1,642,323; Sept. 13.

Beckwith, Charles J., Brooklyn, assignor, by mesne assignments, to Johns-Manville, Incorporated, New York, N. Y. Floor construction. 1,642,324; Sept. 13.

Bebe, Paul, assignor to Goodyear Tire & Rubber Company, Akron, Ohio. Machine for making a rubberized fibrous composition. 1,642,008; Sept. 13.

Beer, James C., Long Beach, Calif. Mail box. 1,642,533; Sept. 13.

Behr, Hans C., Scarsdale, N. Y. Centrifugal apparatus and process for continuously separating liquids from solids. 1,642,662; Sept. 13.

Belford, Mrs. J. D. (See Carnes, A. H., and Marr, assignors.)

Belin, Edouard, Paris, France. System of facsimile telegraphy by wireless signals. 1,642,637; Sept. 13.

Bell Telephone Laboratories, Incorporated. (See Kiesel, W. C., and Fowler, assignors.)

Bell Telephone Laboratories, Incorporated. (See Norton, Edward L., assignor.)

Bell, Thomas H., Oakland, Calif. Rat and mink trap. 1,642,184; Sept. 13.

Bell, William M., Portsmouth, Ohio, assignor to Wheeling Steel Corporation, Wheeling, W. Va. Fastening for the covers of metallic drums. 1,642,481; Sept. 13.

Bendix Brake Company. (See Dodge, Adiel Y., assignor.)

Bendix Brake Company. (See Reynolds, Frank D., assignor.)

Bendix Brake Company. (See White, William W., assignor.)

Bendix Corporation. (See Perrot, Henri, assignor.)

Bensa, Felice. (See Zinke, Alois, assignor.)

Berger, Eugene F. (See Jenkins, J. D., and Berger.)

Bernhard, Richard, assignor to Traylor Engineering & Manufacturing Company, Allentown, Pa. Supporting frame for bearings. 1,642,482; Sept. 13.

Bessler, August, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Locking device for the drive of machines with printing or feeding mechanisms. 1,642,009; Sept. 13.

Bev, Wilhelm, Altona-on-the-Elbe, Germany. Steam generator. 1,642,098; Sept. 13.

Biber, Engelbert, Providence, R. I. Tobacco burner for pipes. 1,641,956; Sept. 13.

Rigler, Edward A., Auburn, Ill. Automatic latch mechanism for gates. 1,642,534; Sept. 13.

Billings, Clarence E., New Haven, Conn. Closure member for receptacles or the like. 1,642,138; Sept. 13.

Bishop, Stanley H., and N. F. McNaught, Chicago, assignor to Cross Manufacturing Company, Woodstock, Ill. Spring for shock absorbers. 1,642,658; Sept. 13.

Black & Decker Manufacturing Company, The. (See Decker, Alonzo G., assignor.)

Bledsoe, Carl F., Chicago, Ill., assignor to Ogle Construction Company. Safety means for hoists and the like. 1,641,957; Sept. 13.

Bleo, John B., Chicago, Ill. Lock. 1,642,325; Sept. 13.

Bleo, John B., Chicago, Ill. Lock. 1,642,326; Sept. 13.

Bloomenthal, Irvin, Harrisburg, Pa. Pyjama trousers. 1,642,483; Sept. 13.

Blumenberg, Henry, Jr., Moapa, Nev., assignor to Stockholders Syndicate, Los Angeles, Calif. Making sodium sulphites and borate acid. 1,642,535; Sept. 13.

Blunse, Fritz, Hesperinghausen, near Niedermarsberg, Germany. Grain separator. 1,642,331; Sept. 13.

Boegehold, Alfred L. (See Williams, H. M., and Boegehold.)

Böhmisch Mährische Malzfabrik and Export Gesellschaft Klatscher and Lorenz. (See Ladewig, Emil, assignor.)

Boker, Vitas A., Minneapolis, Minn. Heating element and making the same. 1,642,223; Sept. 13.

Bolt, William M., White Sulphur Springs, W. Va. Spring. 1,642,638; Sept. 13.

Bolton, Archer L., North Andover, assignor to John W. Bolton and Sons, Inc., Lawrence, Mass. Removable lining shell for Jordan Engines. 1,642,327; Sept. 13.

Bolton, John W., and Sons, Inc. (See Bolton, Archer L., assignor.)

Borrmann, Henry, Washington, D. C. Foot rest. 1,642,328; Sept. 13.

Born, Ernest R., Hensel, N. Dak. Shocking tongs. 1,642,639; Sept. 13.

Bossiere, Claude G., Paris, and H. Zanichelli, Lardy, France. Separating the components of alloys. 1,642,574; Sept. 13.

Bouch, Elmer, and T. R. Shriver, Worthington, Pa. Adjustable steering knuckle. 1,642,640; Sept. 13.

Bourne, Phillips P., Winchester, and O. Nonnenbrun, Boston, Mass., assignors to Worthington Pump & Machinery Corporation, New York, N. Y. Internal-combustion engine. 1,642,293; Sept. 13.

Bowell, George B., Hertfordshire, assignor of one-fourth to R. G. Dinwiddy, Blokhoeath, London, and five-eighths to G. R. Redgrave, Sydenham, England. Projection of cinematograph films. 1,642,599; Sept. 13.

Bowen, Leslie G., assignor to Bowen & Phelps Co., Bedford, Iowa. Battery binding post. 1,642,224; Sept. 13.

Bowen & Phelps Co. (See Bowen, Leslie G., assignor.)

Bower, John S., Alledo, Ill. End-gate-locking device. 1,642,059; Sept. 13.

Boyd, Allen, Sioux City, Iowa. Bleeder. 1,642,536; Sept. 13.

Boyden, Dwight F., Boston, Mass. Shaft for golf clubs or the like. 1,642,294; Sept. 13.

Bracamonte, Marcel, Puerto Cortes, Honduras, Central America. Noiseless intercommunicating telegraph and telephone device. 1,642,295; Sept. 13.

Bracey, Robert L., Flagler Beach, Fla. Wall mold. 1,641,958; Sept. 13.

Brainard, Charles E., Chicago, Ill. Pulverizer. 1,642,139; Sept. 13.

Brainard, Lewis J. (See Arey, Fred C., assignor.)

Brant, Joseph S., Somerset, assignor to W. L. Morrison, Somerset, Pa. Motor-vehicle heater. 1,642,296; Sept. 13.

Brecknell, William H., Weston-super-Mare, England. Locking device for cycle and similar lamp brackets. 1,642,297; Sept. 13.

Breidling, William, Manville, N. J. Scraper frame for rubber refiners. 1,641,959; Sept. 13.

Bremer, Francis D. H., assignor to The English Electric Company Limited, London, England. Blow-out arrangement for electric switches. 1,642,227; Sept. 13.

Brey, Clarence F., Philadelphia, Pa. Piano construction. 1,642,356; Sept. 13.

Brock, William R., Shelton, assignor to M & P Corset Company, Derby, Conn. Corset. 1,641,195; Sept. 13.

Brockway, Carl P., Toledo, Ohio. Air-cooled engine. 1,641,960; Sept. 13.

Bromberg, Harry. (See Hallkman, Eli, assignor.)

Brown, Elmer R., assignor to The Fleischmann Company, New York, N. Y. Improvement of flavor of yeast. 1,642,537; Sept. 13.

Brown, Frederick L., West Palm Beach, Fla. Safety tray rail. 1,642,329; Sept. 13.

Brown, J. Alvin, et al. (See Hobson, John H., assignor.)

Brown, Jefferson F., assignor to U. S. Bedding Company, Memphis, Tenn. Spring bottom. 1,642,225; Sept. 13.

Brown, William J., et al. (See Hobson, John H., assignor.)

Brownstein, Benjamin, Ellwood City, Pa. Pipe-thread protector. 1,642,330; Sept. 13.

Bruneau, Hudger, Woonsocket, R. I. Cann opener. 1,641,961; Sept. 13.

Buchholz, Max, Cassel, Germany. Protecting liquid-insulated electric apparatus. 1,642,397; Sept. 13.

Buchholz, Max, Cassel, Germany. Controlling electric apparatus. 1,642,398; Sept. 13.

Buchholz, Max, Cassel, Germany. Controlling liquid-insulated electric apparatus. 1,642,399; Sept. 13.

Buchholz, Max, Cassel, Germany. Control of electric apparatus. 1,642,400; Sept. 13.

Buchholz, Max, Cassel, Germany. Control of liquid-insulated electric apparatus. 1,642,401; Sept. 13.

Buchholz, Max, Cassel, Germany. Protection of electric apparatus. 1,642,402; Sept. 13.

Buchholz, Max, Cassel, Germany. Protection of liquid-insulated electric apparatus. 1,642,403; Sept. 13.

Buchholz, Max, Cassel, Germany. Protective system for liquid-insulated electric apparatus. 1,642,404; Sept. 13.

Buchholz, Max, Cassel, Germany. Electric protective system. 1,642,405; Sept. 13.

Buchholz, Max, Cassel, Germany. System of protection of electric apparatus. 1,642,406; Sept. 13.

Buchholz, Max, Cassel, Germany. System of protection of liquid-insulated electric apparatus. 1,642,407; Sept. 13.

Buchholz, Max, Cassel, Germany. Protecting liquid-insulated electric apparatus. 1,642,408; Sept. 13.

Buchler, Moric, Budapest, Hungary. Valve gear. 1,642,538; Sept. 13.

Buck, Frank E., Baltimore, Md. Device for stopping shoe squeaking. 1,642,099; Sept. 13.

Bucknam, Ezra J., Toronto, Ontario, Canada. Protecting banks and the like. 1,642,641; Sept. 13.

Buckner, Frank L., Hanford, Calif. Hinge for automobile seats. 1,642,226; Sept. 13.

Buettner, Christ, et al. (See Jones, James M., assignor.)

Buffalo Bolt Company. (See Molinow, Edward A., assignor.)

Bugbee, Lucian W., Indianapolis, Ind., assignor, by mesne assignments, to Continental Optical Corporation, New York, N. Y. Marking a toric-lens. 1,642,575; Sept. 13.

Bulgin, William J., Worcester, assignor to Heenan & Froude Limited, Manchester and Worcester, England. Top-feed door for refuse destructors and other furnaces. 1,642,100; Sept. 13.

Burekhauser, John J. (See Richter, H. J. F., and Burekhauser.)

Burgess, C. F., Laboratories, Inc. (See Weiss, Howard F., assignor.)

Burgess, Louis, Bayonne, N. J., assignor to Standard Development Company, New York, N. Y. Obtaining products from sludge. 1,642,060; Sept. 13.

Burgett, Lynn S., assignor to The Rail Welding & Bonding Company, Cleveland, Ohio. Cable splicing. 1,642,484; Sept. 13.

Burkman, John A., Port Arthur, Ontario, Canada. Hot-water furnace. 1,642,600; Sept. 13.

Burns, Leslie E. (See Esterline, A. M., Burns, and Esterline.)

Burns, Willford E. (See Bardet, G. A., and Burns.)

Businger, Emil F. (See Reis, J. M., and Businger.)

Butcher, Charles A., East Pittsburgh, Pa., and L. F. Hunt, Los Angeles, Calif., assignors to Westinghouse Electric & Manufacturing Company. Time-limit relay. 1,642,061; Sept. 13.

Campbell, Howard D., assignor of one-half to C. R. Hudson, McAlester, Okla. Clutch. 1,642,298; Sept. 13.

Campfire Company, The. (See Hope, Samuel N., assignor.)

Cane, Gordon F., San Francisco, and A. C. Wheelock, Oakland, Calif. Mattress-suspending means. 1,642,140; Sept. 13.

Cannam, Earl W., and G. S. Hugolin, Eureka, Calif. Tire lock. 1,642,576; Sept. 13.

Capps, Washington T., Baltimore, Md., and H. G. Mastin, Poughkeepsie, N. Y., assignors to Locomotive Stoker Company. Locomotive stoker. 1,642,299; Sept. 13.

Carlsson, Carl, Stockholm, Sweden. Venturi for carburetors. 1,642,332; Sept. 13.

Carlton, Jack C., assignor to The Carlton Machine Tool Company, Cincinnati, Ohio. Clutch mechanism. 1,642,442; Sept. 13.

Carlton Machine Tool Company. (See Carlton, Jack C., assignor.)

Carnes, Alfred H., and R. M. Marr; said Marr assignor of one-fourth to said Carnes and one-fourth to Mrs. J. D. Belford, Okemah, Okla. Working barrel for oil wells. 1,642,601; Sept. 13.

Carrey, John O., assignor to Carrey-Morse Engineering Company, St. Louis, Mo. Controlling device. 1,642,141; Sept. 13.

Carrey-Morse Engineering Company. (See Carrey, John O., assignor.)

Caruth, Nat., assignor to Hillside Cotton Mills, Lagrange, Ga. Laundry basket. 1,642,643; Sept. 13.

Carson, Frederick T., Washington, D. C. Apparatus for testing hygroscopic substances. 1,642,577; Sept. 13.

Carter, Clarence W., assignor to Carter-Mayhew Manufacturing Company, Minneapolis, Minn. Cooling device for drinking fountains. 1,642,228; Sept. 13.

Carter-Mayhew Manufacturing Company. (See Carter, Clarence W., assignor.)

Cartzdafer, Roy E., Passaic, N. J., assignor to R. J. Magor, Montreal, Quebec, Canada. Railway-dump-car chute lock. 1,642,578; Sept. 13.

Carvalho, Leslie R. N., assignor to The Closure Service Company, Toledo, Ohio. Closure cap. 1,642,010; Sept. 13.

Case, Arthur F., assignor to The Wellman-Seaver-Morgan Company, Cleveland, Ohio. Lifting car dumper. 1,642,357; Sept. 13.

Celanese Corporation of America. (See Dickie, W. A., and Rooney, assignors.)

Celanese Corporation of America. (See Ellis, George H., assignor.)

Chace, W. M., Valve Company. (See Chace, William M., assignor.)

Chace, William M., Detroit, Mich., assignor to W. M. Chace Valve Company. Bimetallic element. 1,642,485; Sept. 13.

Chaffee, Emory L., Belmont, assignor to J. H. Hammond, Jr., Gloucester, Mass. System of radiocommunication. 1,642,663; Sept. 13.

Chalker, Albert R. (See Lower, N. M., and Chalker.)

Chandler, Milton E. (See Mock, F. C., Gustafson, and Chandler.)

Channing, Alfred W., Inc. (See Alderice, Walter, assignor.)

Chapman, Fred H., Pepperell, Mass., assignor to Acme Ball Bearing Spindle Company, Franklin, N. H. Spindle and base. 1,642,486; Sept. 13.

Chapman, Lionel J. (See Tucker, C. J., and Chapman.)

Chase, Earl G., Smethport, Pa. Mask for electric-light bulbs. 1,642,646; Sept. 13.

Cheramy, Inc. (See Dunaine, Georges, assignor.)

Chicago-Cleveland Car Roofing Company. (See Wright, William, assignor.)

Chicago Fuse Mfg. Co. (See Cook, Herbert R., assignor.)

Chicago Railway Equipment Company. (See Moore, Ambrose C., assignor.)

Chisholm, Oliver P., Durango, Colo., assignor to American Smelting and Refining Company, New York, N. Y. Treating lead dross. 1,642,358; Sept. 13.

Cholinski, Bruno B., Milwaukee, Wis. Combined hot-air and hot-water heater. 1,642,539; Sept. 13.

Christman, Peter J., Green Bay, Wis. Folded napkin and folding frame. 1,642,487; Sept. 13.

Chryst, William A. (See Kettering, C. F., and Chryst.)

Chubb, Lewis W., Edgewood Park, Pa., assignor to Westinghouse Electric and Manufacturing Company. Light telephone. 1,642,011; Sept. 13.

Church, Walter L., Houston, Tex. Valve mechanism. 1,642,012; Sept. 13.

Cinqu-Mars, Legendre, San Francisco, Calif. Gas heater. 1,642,540; Sept. 13.

Clausen, Henry P., Mamaroneck, assignor to Western Electric Company, Incorporated, New York, N. Y. Electrical coil. 1,642,488; Sept. 13.

Clemons, John G., Denver, Colo. House number and porch light. 1,642,644; Sept. 13.

Clinton, John, Memphis, Tenn. Faucet. 1,642,101; Sept. 13.

Closure Service Company, The. (See Carvalho, Leslie R. N., assignor.)

Cody, Martin M., Chicago, Ill., assignor to Crane Packing Company. Manufacture of metallic packing. 1,642,431; Sept. 13.

Coger, Albert C., Dunbar, Neb. Posthole auger. 1,642,647; Sept. 13.

Cole, Lorne A., Brantford, Ontario, Canada. Coll-forming machine. 1,642,229; Sept. 13.

Coleman, W. Ogden. (See Williams, Dick B., assignor.)

Collins, Charles H. R., Marrickville, near Sydney, New South Wales, Australia. Apparatus for the manufacture of rubber-soled footwear. 1,642,013; Sept. 13.

Colomb, Henri, Tavannes, Switzerland. Jewel setting for watches and making same. 1,642,102; Sept. 13.

Combination Fountain Co., The. (See Mackey, Harry J., assignor.)

Condit Electrical Manufacturing Corporation. (See Ainsworth, Chester D., assignor.)

Connell, Edwin L., assignor to The Van Dorn Electric Tool Company, Cleveland, Ohio. Electric switch. Re16,737; Sept. 13.

Conner, Benjamin G., Los Angeles, Calif., assignor to 2-Way Window-Frame Company. Adjustable window shade. 1,642,489; Sept. 13.

Constantinesco, George, Weybridge, England. Elastic link. 1,642,602; Sept. 13.

Constantinesco, George, Weybridge, England. Unidirectional driving device. 1,642,645; Sept. 13.

Continental Optical Corporation. (See Bugbee, Lucian W., assignor.)

Conway, Martin J., Sreubenville, Ohio. Reinforced mine prop. 1,642,603; Sept. 13.

Coyers, Lucile, Salt Lake City, Utah. Costume slip. 1,642,300; Sept. 13.

Cook, Herbert R., assignor to Chicago Fuse Mfg. Co., Chicago, Ill. Outlet box. 1,642,142; Sept. 13.

Cory, Chas. & Son, Incorporated. (See Wood, Frank W., assignor.)

Cosgrove, John W., Medford, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Fastening-inserting machine. 1,642,014; Sept. 13.

Cox, George H., Detroit, Mich. Cooking appliance. 1,642,604; Sept. 13.

Crain, Rollie, Marion, assignor to B. Peterson Company, Johnston City, Ill. Fuel-feed apparatus for internal-combustion engines. 1,642,579; Sept. 13.

Cramer, Robert, Chicago, Ill., assignor, by mesne assignments, to Delco-Light Company, Dayton, Ohio. Refrigerating apparatus. 1,642,015; Sept. 13.

Crane Packing Company. (See Cody, Martin M., assignor.)

Crannell, Orlo G., assignor of two-fifths to O. M. Crannell, Revere, Mass. Ventilating system. 1,642,605; Sept. 13.

Crannell, Orlo M. (See Crannell, Orlo G., assignor.)

Croese, Dirk, London, England. Electric furnace. 1,642,359; Sept. 13.

Croft, Hiram D. (See Perkins, J. L., and Croft.)

Cross Manufacturing Company. (See Bishop, S. H., and McNaught, assignors.)

Crouch, Homer H. (See Fichtner, J. B., and Crouch.)

Crowell, Charles H., Brooklyn, N. Y. Cloth treating. 1,642,360; Sept. 13.

Crowell, Charles H., White Plains, N. Y. Cylindrical drier. 1,642,361; Sept. 13.

Czaboy, Mihaly S., et al. (See Molnar, Zoltan, assignor.)

Dahlberg & Company. (See Monroe, Treadway B., assignor.)

Daly, Walter J., Conshohocken, Pa. Axle and driving wheel for locomotives. 1,642,409; Sept. 13.

Daly, Walter J., Conshohocken, Pa. Axle and driving wheel for locomotives. 1,642,410; Sept. 13.

Damore, Antonio, Brooklyn, N. Y. Painter's scaffold. 1,642,333; Sept. 13.

Damry, George. See Neelands, A. R., and Damry.)

Danmar, William. (See Feeley, W. B., and Danmar.)

Daubenmeyer, Homer, Detroit, Mich. Hydraulic drive for vehicles. 1,642,103; Sept. 13.

Davis, Marvin B., Kansas City, Mo., assignor to G. Krell, Sapulpa, Okla. Draw works. 1,642,230; Sept. 13.

Davis, Robert, assignor to Elco Shoe Manufacturers, Inc., Brooklyn, N. Y. Shank stiffener. 1,642,362; Sept. 13.

Decker, Alonzo G., Baltimore County, assignor to The Black & Decker Manufacturing Company, Towson, Md. Portable power-driven screw driver and wrench-clutch cup. 1,642,400; Sept. 13.

De Forest, Lee, assignor to De Forest Phonofilm Corporation, New York, N. Y. Telephone device. 1,642,363; Sept. 13.

De Forest Phonofilm Corporation. (See de Forest, Lee, assignor.)

De Jonette, Albert, Nanterre, France. Clutch device. 1,642,606; Sept. 13.

De Jur Products Co. (See Engstrom, Henry O., assignor.)

Delco-Light Company. (See Cramer, Robert, assignor.)

Delco-Light Company. (See Kettering, C. F., and Chryst, assignors.)

Delehanty, Robert J., assignor to The American Multi-graph Company, Cleveland, Ohio. Printing device. 1,642,016; Sept. 13.

Delpini, José L., Buenos Aires, Argentina. Protective cover for pneumatic tires and the like. 1,642,104; Sept. 13.

Dent Hardware Co. (See Schrader, Thomas O., assignor.)

Dentzel, William H. (See Strickler, William H., assignor.)
 Diamond State Fibre Company. (See McIntosh, James, assignor.)
 Diamond State Fibre Company. (See McIntosh, J., and Wolford, assignors.)
 Diaz, Vicente F., Lowell, Ariz. Device for making waffles. 1,642,062; Sept. 13.
 Dibner, Abraham B., Brooklyn, N. Y. Electrical T connector. 1,642,492; Sept. 13.
 Dibner, Bernard, Brooklyn, N. Y. Electrical T connector. 1,642,491; Sept. 13.
 Dickle, William A., and J. H. Rooney, Spondon, near Derby, England, assignors to Celanese Corporation of America. Manufacture of ornamental or effect materials. 1,641,962; Sept. 13.
 Dinwiddie, Ralph G., et al. (See Howell, George B., assignor.)
 Disbrow, Clarkson A., New Rochelle, assignor to The Rail Joint Company, New York, N. Y. Track liner. 1,642,334; Sept. 13.
 Disch, William A., Chicago, Ill. Valve-guide bushing. 1,641,963; Sept. 13.
 Dixon, Robert, Newark, N. J. Barber pole. Des. 73,425; Sept. 13.
 Dobson, William A., Bridgeport, Conn., assignor to Underwood Typewriter Company, New York, N. Y. 1,642,196; Sept. 13.
 Dodge, Adiel Y., South Bend, Ind., assignor to Bendix Brake Company, Chicago, Ill. Braking and steering mechanism. 1,642,063; Sept. 13.
 Doddridge, James M., Milton, Ind. Cemetery tent. 1,642,648; Sept. 13.
 Dougherty, George, assignor to Economy Glass Company, Morgantown, W. Va. Tumbler or similar article of glassware. Des. 73,426; Sept. 13.
 Dover, Samuel M., Chicago, Ill., assignor of one-half to F. J. Roessler, Chicago, Ill. Folding base or support. 1,642,231; Sept. 13.
 Doyle, Thomas, Chicago, Ill. Combination lamp and loud speaker. Des. 73,427; Sept. 13.
 Doyle, William P., Maplewood, Mo. Separable rim. 1,642,143; Sept. 13.
 Draher, John, and A. J. Krieger, Waterbury, Conn. Setting members of separable fasteners. 1,642,411; Sept. 13.
 Dunalme, Georges, Paris, France, assignor to Cheramy, Inc., New York, N. Y. Bottle. Des. 73,428; Sept. 13.
 Dupler, Raymond R., Toledo, Ohio. Plowing device. 1,642,144; Sept. 13.
 Du Pont, E. I., de Nemours & Company. (See Kessler, Johannes M., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Scott, Winfield, assignor.)
 Dura Company. (See Graff, George, assignor.)
 Eagle, Peter, Wallington, N. J. Hair-retaining comb. 1,642,364; Sept. 13.
 Eastin, Henry T., Kingston, Mo. Fastener. 1,642,105; Sept. 13.
 Ebersbach, Otto, Berlin-Wilmersdorf, assignor to Ebro-Vergaser Gesellschaft mit beschränkter Haftung, Düsseldorf, Germany. Apparatus for supplying combustible mixture to internal-combustion engines. 1,641,964; Sept. 13.
 Ebro-Vergaser Gesellschaft mit beschränkter Haftung. (See Ebersbach, Otto, assignor.)
 Economy Glass Company. (See Dougherty, George, assignor.)
 Economy Products Corporation. (See Volght, George F., assignor.)
 Edison Electric Appliance Company. (See McCormick, Francis H., assignor.)
 Edwards, Lindsay E., Turnbridge Wells, England. Magnetic T square. 1,642,232; Sept. 13.
 Ellhauer, Friedrich, Neustadt, Germany. Power weaving loom. 1,642,335; Sept. 13.
 Elco Shoe Manufacturers, Inc. (See Davis, Robert, assignor.)
 Ellinwood, George H., Milwaukee, Wis., assignor to The Fisk Rubber Company, Chicago Falls, Mass. Vulcanization. 1,642,541; Sept. 13.
 ElHott, George G., Ste. Anne de Bellevue, Quebec, Canada. Automobile fender. 1,642,233; Sept. 13.
 Ellis, George H., Spondon, near Derby, England, assignor to Celanese Corporation of America. Treatment of cellulose derivatives. 1,641,965; Sept. 13.
 Emco Derrick & Equipment Company. (See Rawson, Leslie A., assignor.)
 English & Mersick Co. (See Kalmer, Richard V., assignor.)
 English Electric Company Limited, The. (See Bremner, Francis D. H., assignor.)
 Engstrom, Henry O., Bridgeport, Conn., assignor to De Jur Products Co., New York, N. Y. Jack plug. 1,642,064; Sept. 13.
 Eppenstein, Otto. (See Steuble, A., and Eppenstein.)
 Erb, Irwin H., West Liberty, Iowa. Highway map. 1,642,580; Sept. 13.
 Esterline, Albert M. and W. L., and L. E. Burns, Muncie, Ind. Combination tool. 1,642,493; Sept. 13.
 Esterline, Walter L. (See Esterline, A. M., and W. L., and Burns.)

Estey, Arthur C., Fayville, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Sole-laying machine. 1,642,017; Sept. 13.
 Fabian, Jules, assignor to General Motors Research Corporation, Dayton, Ohio. Internal-combustion-engine piston. 1,642,432; Sept. 13.
 Fagan, Roy D., Toronto, Ontario, Canada. Liquid purifier. 1,642,433; Sept. 13.
 Fairbank, Jesse C., Braman, Okla. Parting flange for drum hoists. 1,642,106; Sept. 13.
 Falk Corporation, The. (See Banner, Otto A., assignor.)
 Farney, Asa W., Clay County, Mo. Dike or revetment. 1,641,966; Sept. 13.
 Farnsworth, William H., assignor to Great Western Electric Chemical Co., San Francisco, Calif. Gas-tank valve. 1,642,412; Sept. 13.
 Faunce, Benjamin R., Riverside, N. J. Alarm gauge. 1,642,413; Sept. 13.
 Faunce, Benjamin R., Riverside, N. J. Alarm gauge. 1,642,434; Sept. 13.
 Feazell, Wilson T., et al. (See Hobson, John H., assignor.)
 Feeley, William B., and W. Danmar, Jamaica, N. Y. Station-indicating device. 1,642,234; Sept. 13.
 Feldman, J. M., Co. Inc., The. (See Holdeman, Harry R., assignor.)
 Felt, John M., administrator. (See Page, Robert F.)
 Ferguson, Ernest E., Seattle, Wash. Portable power cut-off saw. 1,642,145; Sept. 13.
 Fichtner, Joseph B., and H. H. Crouch, Uhrichsville, assignors to The Ric-Wil Company, Cleveland, Ohio. Conduit construction. 1,642,146; Sept. 13.
 Fildel, Horace A., et al. (See Molnar, Zoltan, assignor.)
 Flinke, Herman A., St. Louis, Mo. Carburetor. 1,642,065; Sept. 13.
 Finley, Charles M., Sioux City, Iowa. Tire-chain tool. 1,642,542; Sept. 13.
 Flrestone Tire and Rubber Company, The. (See Smith, Thomas J., assignor.)
 Fischer, Wilhelm. (See Gerth, F., and Fischer.)
 Fischer, Wilhelm. (See Liebert, Richard.)
 Fisher, Harry F., St. Paul, Minn. Dwelling inclinator door. 1,642,365; Sept. 13.
 Fisher, Harry L., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Rubber conversion product and making same. 1,642,018; Sept. 13.
 Fisk Rubber Company, The. (See Ellinwood, George H., assignor.)
 Fisk Rubber Company, The. (See Hennessy, Daniel E., assignor.)
 Fisk Rubber Company, The. (See Jennerjahn, W., and Pomplum, assignors.)
 Fisk Rubber Company, The. (See Marquette, Melvon A., assignor.)
 Fisk Rubber Company, The. (See Maynard, Charles E., assignor.)
 Fisk Rubber Company, The. (See Mead, George J., assignor.)
 Fisk Rubber Company, The. (See Scherner, John, assignor.)
 Fitts, V. B. (See Knowles, Roscoe C., assignor.)
 Flitz Gibbon & Crisp, Inc. (See Herron, Joseph D., assignor.)
 Fleischmann Company. (See Brown, Elmer B., assignor.)
 Fliedner, John, Flushing, assignor to American Manufacturing Company, New York, N. Y. Waste collector for carding machines. 1,642,235; Sept. 13.
 Florang, Emil A., Burlington, Iowa. Refrigerator basket. 1,642,414; Sept. 13.
 Florang, Emil A., Burlington, Iowa. Refrigerator basket. 1,642,415; Sept. 13.
 Foltz, Ira W., Chicago, Ill. Furnace. 1,642,019; Sept. 13.
 Ford Motor Company. (See Gardner, Henry, assignor.)
 Fordyce, Rufus G., Chicago, Ill. Machine for deposition of coating. 1,642,607; Sept. 13.
 Forgy, Glen, Frankford, Kans. Plow bottom. 1,642,301; Sept. 13.
 Foster, Edward E., Beverly, Mass. Puzzle. 1,642,236; Sept. 13.
 Foster, Edward J., Mount Auburn, Ill. Form for constructing drain and sewer tiles. 1,642,581; Sept. 13.
 Foster, Harry C., assignor of one-half to Indiana Lamp Corporation, Connersville, Ind., and one-half to General Motors Corporation, Detroit, Mich. Lamp construction. 1,642,435; Sept. 13.
 Fowler, Clarence B. (See Kiesel, W. C., and Fowler.)
 Fowler, Paul L., assignor to Arthur-Fowler Co., Spokane, Wash. Clamp-on electric heater. 1,642,197; Sept. 13.
 Fox, Walter E., Omak, Wash. Temperature-controlled alarm. 1,642,649; Sept. 13.
 Fraser, Charles E., Brooklyn, N. Y., assignor to the Government of the United States. Searchlight. 1,642,436; Sept. 13.
 Frenl, Carmelo, Waterbury, Conn. Surfacing tool. 1,642,476; Sept. 13.
 Frick, Chester A., assignor to Glascock Brothers Manufacturing Company, Muncie, Ind. Corrugated-sheet-bending machine. 1,642,657; Sept. 13.
 Fried, Krupp Aktiengesellschaft. (See Bessler, August, assignor.)
 Friedrichs, Gustav, Madison, N. J. Collapsible umbrella. 1,642,336; Sept. 13.
 Fulenwider, Harry. (See Fulenwider, J. and H., Robinson, and Norris.)

Fulenwider, Jesse and H., E. W. Robinson, and H. Norris, assignors to H. and J. Fulenwider, Savannah, Ga. Lock-roofing-forming machine. 1,642,650; Sept. 13.
 Fulper, John W., Annandale, N. J. Making and structure of gears. 1,641,967; Sept. 13.
 Furbush, Frank L., Westford, assignor to C. G. Sargent's Sons Corporation, Granitville, Mass. 1,642,147; Sept. 14.
 Furr Automatic Signal Co. (See Furr, Harry L., assignor.)
 Furr, Harry L., Harrisonburg, Va., assignor to Furr Automatic Signal Co., Wilmington, Del. Attachment for signal-operating means. 1,642,237; Sept. 13.
 Gabel, Arthur H., Larchmont, assignor to The Gabel Corporation, New York, N. Y. All-metal telescopic box for cameras. 1,642,651; Sept. 13.
 Gabel Corporation, The. (See Gabel, Arthur H., assignor.)
 Gamoty, Lucien J., Bondi, near Sydney, assignor to Secophones Limited, Sydney, New South Wales, Australia. Telephone silencer. 1,642,543; Sept. 13.
 Gardner, Henry, Detroit, assignor to Ford Motor Company, Highland Park, Mich. Plating and method of accomplishing the same. 1,642,238; Sept. 13.
 Gaylord, John F., Indianapolis, Ind. Clutch. 1,642,107; Sept. 13.
 Genke, William H. G., Killara, near Sydney, New South Wales, Australia, assignor to W. Rutherford, London, England, and J. Bain, Ottawa, Canada. Dispensing container. 1,642,108; Sept. 13.
 General Chemical Company. (See Jones, Hugh H., assignor.)
 General Fire Extinguisher Company. (See Loepsinger, Albert J., assignor.)
 Gem Hammock & Fly Net Company, The. See Koots, Arthur C., assignor.)
 General Motors Corporation et al. (See Foster, Harry C., assignor.)
 General Motors Corporation. (See Lovett, George A., assignor.)
 General Motors Corporation. (See Parker, Guy E., assignor.)
 General Motors Research Corporation. (See Fabian, Jules, assignor.)
 General Motors Research Corporation. (See Williams, H. M., and Boegenhold, assignors.)
 General Zeolite Company. (See Schreier, Arthur, assignor.)
 Gentz, Herman. (See Balthasar, J., and Gentz.)
 George, Jerome R., assignor to Morgan Construction Company, Worcester, Mass. Apparatus for cooling and annealing metal bars. 1,642,437; Sept. 13.
 Gerth, Felix, and W. Fischer, assignors to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. High-frequency furnace circuit. 1,642,198; Sept. 13.
 Glaucque, Oscar C. (See Wood, J. W., and Glaucque.)
 Gibson, Horace N., San Antonio, Tex. Veneer construction and making the same. 1,642,066; Sept. 13.
 Gilmer, Ludwell H., Philadelphia, Pa. Collar. 1,642,544; Sept. 13.
 Glascock Brothers Manufacturing Company. (See Frick, Chester A., assignor.)
 Goblet, Alfred, Karwin, Czechoslovakia. Screen or sieve for drying purposes. 1,642,652; Sept. 13.
 Goertz, August, & Co. (See Goertz, Frederick, assignor.)
 Goertz, Frederick, Maplewood, N. J., assignor to August Goertz & Co., Inc. Receiptacle. 1,642,366; Sept. 13.
 Goldsmith, Bertram J., and E. Koeb, New York, assignors to Perfect Window Regulator Corporation, Long Island City, N. Y. Window regulator. 1,642,020; Sept. 13.
 Goldsmith, Bertram J., and E. Koeb, New York, assignors to Perfect Window Regulator Corporation, Long Island City, N. Y. Window regulator. 1,642,021; Sept. 13.
 Goldstein, Alfred D., New York, N. Y. Soluble strip for local medication of the oral cavity. 1,642,653; Sept. 13.
 Golladay, Lawrence R., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Indicating arrest for lightning arresters. 1,642,239; Sept. 13.
 Golladay, Lawrence R., East Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Protective device. 1,642,241; Sept. 13.
 Golladay, Lawrence R., East Pittsburgh, and I. R. Smith, Pittsburgh, Pa., assignors to Westinghouse Electric & Manufacturing Company. Lightning arrester. 1,642,240; Sept. 13.
 Gollnick, Paul A., and J. J. Toolan, assignors to Spiegel, May, Stern Company, Chicago, Ill. Making inking pads. 1,642,199; Sept. 13.
 Gooding, George E., assignor to John T. Robinson Company, Boston, Mass. Box-covering machine. 1,642,067; Sept. 13.
 Goodrich, B. F., Company, The. (See Fisher, Harry L., assignor.)
 Goodyear Tire & Rubber Company. (See Beebe, Paul, assignor.)
 Goodyear-Zeppelin Corporation. (See Helma, Paul, assignor.)
 Goodyear-Zeppelin Corporation. (See Liebert, R., and Fischer, assignors.)
 Government of the United States. (See Fraser, Charles E., assignor.)

Gouyion, Franz, Brussels, Belgium. Liquid-distributing apparatus. 1,642,302; Sept. 13.
 Graff, George, assignor to The Dura Company, Toledo, Ohio. Handle for door latches or the like. Des. 73,429; Sept. 13.
 Granat, Elie, Paris, France. Electric transmission system. 1,642,438; Sept. 13.
 Grasselli Chemical Company, The. (See Howard, Henry, assignor.)
 Gray, Bartlett S., trustee. (See Anderson, John A., assignor.)
 Gray, Owen H., and C. E. Murdock, Salt Lake City, Utah. Ore-sampling machine. 1,642,337; Sept. 13.
 Gray, Tom F., Manchester, England. 1,642,242; Sept. 13.
 Great Western Electric Chemical Co. (See Farnsworth, William H., assignor.)
 Gregory & Read Company. (See Gulliford, Nicholas L., assignor.)
 Greiner, William P. (See Wigglesworth, H. H., and Greiner.)
 Grieger, Richard. (See Westphal, C., and Grieger.)
 Grisco-Russell Company, The. (See Jones, Russell C., assignor.)
 Groh, Jacob B., Los Angeles, assignor of one-half to J. H. Groh, Ocean Park, Calif. Sign. 1,642,022; Sept. 13.
 Groh, James H. (See Groh, Jacob B., assignor.)
 Gruber, George S., Scotia, N. Y. Oilstone box. 1,642,654; Sept. 13.
 Gulberson Corporation, The. (See Wilson, Robert A., assignor.)
 Gulliford, Nicholas L., Peabody, assignor to Gregory & Read Company, Boston, Mass. Shoe-shaping machine. 1,641,968; Sept. 13.
 Gustafson, Charles J. (See Mock, F. C., Gustafson, and Chandler.)
 Guy, Harry L., Chicago, assignor of one-half to C. S. Purnell, Oak Park, Ill. Roofing. 1,642,148; Sept. 13.
 Gyroretor Gesellschaft mit beschränkter Haftung. (See Rosenbaum, Theodor, assignor.)
 Haaberg, Cato, Kent, Wash. Door latch. 1,642,612; Sept. 13.
 Haight, Theodore, Brooklyn, N. Y. Steam trap. 1,642,023; Sept. 13.
 Hallkman, Eli, Brooklyn, assignor, by mesne assignments, to H. Bromberg, Bayshore, N. Y. Fire extinguisher. 1,642,608; Sept. 13.
 Hall, Charles G., assignor to Novelty Food Corporation, Boise, Idaho. Dispensing apparatus. 1,642,200; Sept. 13.
 Hallick, Frank A., Michigan City, Ind., assignor to Sullivan Machinery Company. Forging machine. 1,642,201; Sept. 13.
 Halperin, Samuel J., Brooklyn, N. Y. Check book. 1,642,439; Sept. 13.
 Hammond, John H., Jr. (See Chaffee, Emory L., assignor.)
 Hand, Jay A., and C. R. Pelton, assignors to The Pelton & Crane Company, Detroit, Mich. Dental light. 1,642,367; Sept. 13.
 Hansen, John, Milltown, Mount. Fishing and hunting otter. 1,642,582; Sept. 13.
 Hanson, Edwin. (See Stendahl, L., and Hanson.)
 Hanson, Hans F., Inwood, Iowa. Harrow grinder. 1,642,583; Sept. 13.
 Harbottle, Henry R. (See Telford, Henry R., assignor.)
 Hart, Elmer J., Vancouver, Wash. Two-cycle engine. 1,642,655; Sept. 13.
 Hart, William C., Kew Gardens, N. Y. Printing roller. 1,642,068; Sept. 13.
 Hartford Empire Company. (See Lorenz, Edward H., assignor.)
 Hartford Special Machinery Company, The. (See Steimer, Theodore C., assignor.)
 Hartmann, Emil C. F. (See Sidnell, A. E., and Hartmann.)
 Hartzell, Walter L., Evanston, Ill. Internal-combustion engine. 1,642,494; Sept. 13.
 Harvey, Walter J., Toronto, Ontario, Canada. Diurnal reflector. 1,642,545; Sept. 13.
 Haslett, Elmer, Sausalito, Calif. Jar or similar container. Des. 73,430; Sept. 13.
 Haynes, William J., Kansas City, assignor of one-half to J. H. Swathmey, Harrisonville, Mo. Float. 1,642,149; Sept. 13.
 Heany, John A., New Haven, Conn., assignor to World Beatos Corporation, Paterson, N. J. Making paper. 1,642,495; Sept. 13.
 Heenan & Froude Limited. (See Bulgin, William J., assignor.)
 Heet, Anna E., administratrix. (See Heet, John B.)
 Heet, John B., deceased, Trenton, Ill.; A. E. Heet, administratrix. Socket for scaffold trestles. 1,642,069; Sept. 13.
 Heintz, Leo I., assignor to Heintz Manufacturing Company, Philadelphia, Pa. Post construction for vehicle bodies. 1,642,368; Sept. 13.
 Heintz Manufacturing Company. (See Heintz, Leo I., assignor.)
 Helsey, A. H., & Company. (See Helsey, Thomas C., assignor.)
 Helsey, Thomas C., assignor to A. H. Helsey & Company, Newark, Ohio. Combination salt and pepper shaker. Des. 73,431; Sept. 13.
 Helma, Paul, assignor to Goodyear-Zeppelin Corporation, Akron, Ohio. Rigid airship. 1,642,024; Sept. 13.

Helman, Leslie. (See Lantz, Alpha D., assignor.)
 Hemingray Glass Company. (See Holmes, Minot K., assignor.)
 Henderson, George K., Indianapolis, Ind. Box. 1,641,969; Sept. 13.
 Henderson, George K., Indianapolis, Ind. Sealing machine. 1,641,970; Sept. 13.
 Hendrickson, James G., Bayonne, N. J. Writing and drawing apparatus. 1,642,369; Sept. 13.
 Hengstenberg, Paul M., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Short-circuiting device. 1,642,070; Sept. 13.
 Hennessy, Daniel E., Milwaukee, Wis., assignor to The Fisk Rubber Company, Chicopee Falls, Mass. Impregnating and vulcanizing process. 1,642,546; Sept. 13.
 Herring-Hall-Marvin Safe Company. (See Millie, Paul S., assignor.)
 Herron, Joseph D., assignor to Fitz Gibbon & Crisp, Inc., Trenton, N. J. Hoisting truck. 1,641,971; Sept. 13.
 Hersen, Karl, Berlin-Wilhelmshaven, and W. Hirschberg, Berlin-Treptow, assignors to C. Lorenz, Aktiengesellschaft, Berlin-Treptow, Germany. Sending impulses for automatic telephone exchanges. 1,642,202; Sept. 13.
 Hickok Manufacturing Company. (See Beck, A. H., and Mix., assignors.)
 Hicks, William W., San Francisco, Calif. Electric air heater. Des. 73,432; Sept. 13.
 Hicks, William W., San Francisco, Calif. Electric air heater. Des. 73,433; Sept. 13.
 Hilfinger, Mathias D., Coral Gables, Fla. Door check and holder. 1,642,203; Sept. 13.
 Hill, Chester L., assignor to Union Asbestos & Rubber Company, Chicago, Ill. Heat-insulating tape. 1,642,204; Sept. 13.
 Hill, Homer H., Canton, Ohio. Shock eliminator and spring control. 1,642,547; Sept. 13.
 Hillside Cotton Mills. (See Carruth, Nat., assignor.)
 Hinneken, Florent, Paterson, N. J. Fabric-spreading apparatus. 1,642,496; Sept. 13.
 Hlizer, Heinrich, Essen-on-the-Ruhr, Germany. Cable-supporting clamp. 1,642,243; Sept. 13.
 Hirschberg, Wulf. (See Hersen, K., and Hirschberg.)
 Hobson, John H., Sulphur Springs, Ark., assignor of one-fifth to J. A. Brown, one-fifth to C. A. Swares, one-fifth to W. J. Brown, and one-fifth to W. T. Feazell. Rotary timer. 1,641,972; Sept. 13.
 Hodges, Vera C., Los Angeles, Calif. Gear-shifting mechanism for engine starters and the like. 1,642,109; Sept. 13.
 Hoe, Harry A. (See Hoe, W. A., and H. A.)
 Hoe, William A., and H. A., Middletown, Ky. Floor polisher. 1,642,440; Sept. 13.
 Holdeman, Harry R., assignor to The J. M. Feldman Co., Inc., Los Angeles, Calif. Gothic-effect lighting-fixture ornament. Des. 73,434; Sept. 13.
 Holdeman, Harry R., assignor to The J. M. Feldman Co., Inc., Los Angeles, Calif. Italian-effect lighting-fixture ornament. Des. 73,435; Sept. 13.
 Holdeman, Harry R., assignor to The J. M. Feldman Co., Inc., Los Angeles, Calif. Italian-effect lighting-fixture plate. Des. 73,436; Sept. 13.
 Holmes, Minot K., assignor to Hemingray Glass Company, Muncie, Ind. Glassworking machine. 1,642,658; Sept. 13.
 Holte, Halvor, administrator. (See Holte, Harold O.)
 Holte, Harold O., deceased, Pittsburgh, Pa.; H. Holte, administrator, Crookston, Minn., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway-traffic-controlling apparatus. 1,642,584; Sept. 13.
 Holtzer-Cabot Electric Co., The. (See Melnema, Thomas G., assignor.)
 Holtzman, John, New York, N. Y. Safety razor. 1,642,338; Sept. 13.
 Hommel, Oscar, Pittsburgh, Pa. Glass decorating. 1,642,441; Sept. 13.
 Hone, Samuel N., assignor to The Campfire Company, Milwaukee, Wis. Display device. 1,642,497; Sept. 13.
 Horton, Joseph W., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Frequent meter. 1,641,973; Sept. 13.
 Hosh, J. Claude, Los Angeles, Calif. Fan. 1,642,205; Sept. 13.
 Hosford, Roger F., Montclair, N. J., assignor to American Telephone and Telegraph Company. Cross arm. 1,642,025; Sept. 13.
 Hosking, Richard T., Wilmette, Ill., assignor to E. W. Picher, Saginaw, Mich. Broiler. 1,642,071; Sept. 13.
 Houskeeper, William G., assignor to Western Electric Company, Incorporated, New York, N. Y. Electron-discharge device. 1,642,498; Sept. 13.
 Hovden, Olav, Monterey, Calif. Fish head and entrails removing means. 1,642,442; Sept. 13.
 Hovden, Olav, Monterey, Calif. Fish-segregating mechanism. 1,642,443; Sept. 13.
 Hovden, Olav, Monterey, Calif. Fish-positioning means. 1,642,444; Sept. 13.
 Howard, Henry, assignor to The Grasselli Chemical Company, Cleveland, Ohio. Making sodium phosphates. 1,642,244; Sept. 13.
 Howeth, George O., Morattico, assignor of one-half to W. D. Nowbill, Lancaster County, Va. Transmission gear for auto vehicles. 1,642,609; Sept. 13.

Hubbell, Jay H. (See Kovanda, L. P., and Hubbell.)
 Hudson, C. R. (See Campbell, Howard D., assignor.)
 Huglin, George S. (See Cannam, E. W., and Huglin.)
 Hull, John W., assignor of one-half to J. Riggs, San Antonio, Tex. Liquid-level gauge. 1,642,656; Sept. 13.
 Hunt, Lloyd F. (See Butcher, C. A., and Hunt.)
 Hürtle, Karl, assignor to Luftschiffbau Zeppelin Gesellschaft mit beschränkter Haftung, Friedrichshafen, Bodensee, Germany. Airship. 1,642,026; Sept. 13.
 Hurxthal, Alpheus O. (See Kershaw, F., and Hurxthal.)
 Huye, Joseph G., New Orleans, La. Box. 1,641,974; Sept. 13.
 I. G. Farbenindustrie Aktiengesellschaft. (See Lommel, Wilhelm, assignor.)
 Illinois Tool Works. (See Olson, Carl G., assignor.)
 Illinois Watch Case Company. (See Lester, William H., assignor.)
 Imhoff, Karl, Essen, Germany. Apparatus for sewage treatment by activated sludge in combination with sludge digestion. 1,642,206; Sept. 13.
 Indiana Lamp Corporation et al. (See Foster, Harry C., assignor.)
 Ingersoll-Rand Company. (See Kirgan, John F., assignor.)
 Ingersoll-Rand Company. (See Page, Robert F., assignor.)
 Ingles, Edward L., Indianapolis, Ind. Apparatus for preventing incrustation of water coils. 1,642,610; Sept. 13.
 Irvine, Robin H., Bay City, Mich. Back adjustment. 1,642,150; Sept. 13.
 Israelsky, Jake. (See Rankin, Julian, assignor.)
 J. & C. G. Boliders Mekaniska Verkstads Aktiebolag. (See Sjöman, C. E., and Pettersson, assignors.)
 Jacobson, Andrew, Los Angeles, Calif. Combined cooker and mixer. 1,642,445; Sept. 13.
 Jacoby, Hermann, Eberstadt, near Darmstadt, Germany. Device for electrically exhibiting a danger signal on a locomotive. 1,642,303; Sept. 13.
 Jacquemin, André F., Sancerre-par-Donlancourt, France. Furnace adapted for the heating and unwinding of rolls of wire. 1,642,613; Sept. 13.
 Jammer, Jacob S., assignor to Western Electric Company, Incorporated, New York, N. Y. Transmission regulation. 1,642,499; Sept. 13.
 Jarecki, Frank J., Grand Rapids, Mich. Machine for use in welding. 1,642,548; Sept. 13.
 Jarecki, Frank J., Grand Rapids, Mich. Welding fixture. 1,642,549; Sept. 13.
 Jenkins, Charles F., Washington, D. C. Radio tablet method. 1,642,110; Sept. 13.
 Jenkins, John D., and E. F. Berger, Milwaukee, Wis., assignors to Pittsburgh Plate Glass Company. Fingering containing copper and making the same. 1,642,370; Sept. 13.
 Jennerjahn, Walter. (See Pomplum, E., and Jennerjahn.)
 Jennings, Oliver S., Brooklyn, N. Y., assignor to Westinghouse Electric & Manufacturing Company. Switch mechanism. 1,642,027; Sept. 13.
 Jewell Electrical Instrument Co. (See Simpson, Ray, assignor.)
 Johns-Manville Corporation. (See Wardell, Henry R., assignor.)
 Johns-Manville, Incorporated. (See Beckwith, Charles J., assignor.)
 Johnson, Arthur M. (See Schesvold, G. T., and Johnson.)
 Johnson, Carl E., Chicago, Ill. Baffle plate for boiler fire boxes. 1,642,371; Sept. 13.
 Johnston, Howard H., Edgewood, Pa., assignor to Westinghouse Electric & Manufacturing Company. System of control. 1,642,028; Sept. 13.
 Jones, Adolph G., Celeron, N. Y., assignor, by mesne assignments, to The Lobdell-Emery Mfg. Co., Alma, Mich. Wood-spoked steering wheel. 1,642,029; Sept. 13.
 Jones, George A., Denver, Colo. Mouse trap. 1,642,151; Sept. 13.
 Jones, Hugh H., Camden, N. J., assignor to General Chemical Company, New York, N. Y. Carboy package. 1,642,072; Sept. 13.
 Jones, James M., assignor of twelve and one-half per cent to C. Buettner, and twenty-five per cent to R. A. Kennedy, Hamilton, Ohio. Wire wheel. 1,642,207; Sept. 13.
 Jones, Robert R., Akron, Ohio. Curing rubber articles. 1,642,614; Sept. 13.
 Jones, Russell C., Bronxville, assignor to The Griscom-Russell Company, New York, N. Y. Heat exchanger with self-draining tube surface. 1,641,975; Sept. 13.
 Joslin, Piny N., De Kalb, Ill. Hotel-room-record rack. 1,642,208; Sept. 13.
 Judy, Phillip S., Kansas City, Mo. Making and maintaining wells. 1,642,245; Sept. 13.
 Kahn, Maurice, assignor to Société Française des Produits Alimentaires Azotes, Paris, France. Manufacture of nitrogen-containing products. 1,642,209; Sept. 13.
 Kalmer, Richard V., assignor to The English & Mersick Co., New Haven, Conn. Latch for vehicle doors. Re16,735; Sept. 13.
 Kall-Industrie A. G. (See Klippers, Kurt, assignor.)
 Kalschmidt, William, Erie, Pa. Tape holder. 1,642,152; Sept. 13.
 Kamp, John T., Manhattan, Mont. Extension guard for mowers. 1,642,246; Sept. 13.
 Kast, Miller I., Harrisburg, Pa. Wall light. 1,642,339; Sept. 13.
 Kayline Co., The. (See Maerz, Frederick K.)

Keene, James A. (See May, William F., assignor.)
 Kegl, Zoltan J., York, Pa. Garter shield. 1,642,030; Sept. 13.
 Kehoe, Arthur H., Rutherford, N. J., assignor to Westinghouse Electric and Manufacturing Company. Electrical distribution system. 1,642,031; Sept. 13.
 Keith, Harold L., Wilkinsburg, Pa., assignor to Westinghouse Electric and Manufacturing Company. Control system. 1,642,032; Sept. 13.
 Kelly, John A., Brooklyn, N. Y., assignor to United Shoe Machinery Corporation, Paterson, N. J. Heel-seat-fitting machine. 1,642,033; Sept. 13.
 Kemp, C. M., Manufacturing Company, The. (See Kemp, William W., assignor.)
 Kemp, William W., Baltimore, Md. Gas burner. 1,642,154; Sept. 13.
 Kemp, William W., assignor to The C. M. Kemp Manufacturing Company, Baltimore, Md. Gas burner. 1,642,153; Sept. 13.
 Kendall, William G., Newark, N. J. Compact holder and ejector for vanity cases. 1,642,611; Sept. 13.
 Kennedy, Ralph A., et al. (See Jones, James M., assignor.)
 Kennedy-Toombs, Inc. (See Kennedy, Walter, assignor.)
 Kennedy, Walter, New York, N. Y., assignor, by mesne assignments, to Kennedy-Toombs, Inc. Gas heater. 1,642,111; Sept. 13.
 Keppeler, Johann, Birkesdorf, Germany. Loom for weaving with pile wires. 1,642,112; Sept. 13.
 Kernats, Gustav, assignor of one-half to F. Wissinger, Chicago, Ill. Cutter. 1,642,372; Sept. 13.
 Kershaw, Frederick, and A. O. Hurxthal, assignors to Proctor & Schwartz, Incorporated, Philadelphia, Pa. Air baffle for driers. 1,642,446; Sept. 13.
 Kessler, Johannes M., West Orange, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Resin-containing coating composition. 1,642,155; Sept. 13.
 Kettering, Charles F., and W. A. Chryst, assignors, by mesne assignments, to Delco-Light Company, Dayton, O. Ohio. System of electrical distribution and control. 1,642,034; Sept. 13.
 Kiesel, Walter C., Madison, N. J., and C. B. Fowler, Queens, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 1,642,500; Sept. 13.
 Kirgan, John F., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Surface condenser. 1,642,113; Sept. 13.
 Kirner, Anton, Neustadt, Germany. Motion-recording apparatus. 1,642,114; Sept. 13.
 Klein, Benjamin F. (See Maerz, Frederick K., assignor.)
 Knell, John, Aurora, Ill., assignor to All-Steel-Equip Company. Latch and lock mechanism. 1,642,501; Sept. 13.
 Knowles, Roscoe C., assignor to V. B. Flitts, Quinton, Ala. Valve mechanism for internal-combustion engines. 1,642,156; Sept. 13.
 Knox, Robert P., Oakland, Calif. Gripper block for printing presses. 1,642,157; Sept. 13.
 Koeb, Emil. (See Goldsmith, B. J., and Koeb.)
 Könenmann, Hermann H., Munster, Germany. Vacuum tube. 1,642,210; Sept. 13.
 Kootz, Arthur C., assignor to The Gem Hammock & Fly Net Company, Milwaukee, Wis. Mop. 1,642,115; Sept. 13.
 Kopp Glass, Incorporated. (See Kopp, Nicholas, assignor.)
 Kopp, Nicholas, Pittsburgh, assignor to Kopp Glass Incorporated, Swissvale, Pa. Illuminating glass bowl or globe. Des. 73,437; Sept. 13.
 Kovanda, Louis P., and J. H. Hubbell, Los Angeles, Calif.; said Hubbell assignor to said Kovanda. Living block for sewers and the like. 1,642,417; Sept. 13.
 Kovanda, Louis P., and J. H. Hubbell, Los Angeles, Calif.; said Hubbell assignor to said Kovanda. Molten-material-spraying apparatus. 1,642,418; Sept. 13.
 Krank, Alfred I., St. Paul, Minn. Adjustable powder dispenser. 1,642,447; Sept. 13.
 Krasberg, Rudolf, Chicago, Ill. Freight-handler's truck. 1,642,502; Sept. 13.
 Krause, Rudolf, Vienna, Austria. Molding device for making concrete blocks. 1,642,247; Sept. 13.
 Krell, George. (See Davis, Marvin B., assignor.)
 Krieger, Adolph J. (See Draher, J., and Krieger.)
 Kriz, Frank H. (See Appleton, J. H., and Kriz.)
 Krueger, Theodore H., New York, N. Y. Envelope. 1,642,116; Sept. 13.
 Kubista, Joseph, Owatonna, Minn. Spinal-adjustment device. 1,642,158; Sept. 13.
 Kumli, Charles F., assignor to Spiegel, May, Stern Company, Chicago, Ill. Stencil sheet. 1,642,159; Sept. 13.
 Kumpfüller, Karl. (See Lischen, F., and Kumpfüller.)
 Küppers, Kurt, assignor to Kall-Industrie A. G., Cassel, Germany. Hoisting system for mines. 1,642,585; Sept. 13.
 Kuroski, Alfred G. F., Brooklyn, assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,642,248; Sept. 13.
 Kuscheldt, Peter J., and H. E. Norwood, New York, assignors, by mesne assignments, to Perfect Window Regulator Corporation, Long Island City, N. Y. Window regulator. 1,642,035; Sept. 13.
 Kurth, Paul. (See Barthel, H., and Kurth.)

Lacey, Robert M. (See Miller, F. E., and Lacey.)
 Ladewig, Emil, Vienna, Austria, assignor to Böhmisch Mährische Malzfabrik and Export Gesellschaft Klatscher and Lorenz, Prague, Czechoslovakia. Sets of toy interfitting building blocks. 1,642,249; Sept. 13.
 Langdon, Jesse D., Los Angeles, Calif., assignor to Petroleum Machinery Development Corporation, Reno, Nev. Deep-well pump. 1,642,211; Sept. 13.
 Langdon, Jesse D., Los Angeles, Calif., assignor to Petroleum Machinery Development Corporation, Reno, Nev. Deep-well pump. 1,642,250; Sept. 13.
 Langdon, Jesse D., Los Angeles, Calif., assignor to G. Norris, Guthrie, Okla. Device for putting permanent waves in hair. 1,642,251; Sept. 13.
 Lanning, James K. (See Webster, Charles B., assignor.)
 Lantz, Alpha D., assignor to L. Helman, Sidney, Ohio. Poultry waterer. 1,642,304; Sept. 13.
 Laurent, Antoine A., Minneapolis, Minn. Hypodermic syringe. 1,641,976; Sept. 13.
 Lavigne, Henry W., Worcester, Mass., assignor to American Automotive Corporation. Superadjustable generator. 1,642,448; Sept. 13.
 Lawrence, George L., Jr., Melrose, Mass. Overshoe and making same. 1,642,305; Sept. 13.
 Lawton, Charles L., Hancock, Mich. Headlight. 1,642,160; Sept. 13.
 Leach Company. (See Appleton, J. H., and Kriz, assignors.)
 Leach, Sagito J., assignor to The Ashtabula Bow Socket Company, Ashtabula, Ohio. Top for vehicles and the like. 1,642,117; Sept. 13.
 Ledbetter, James C., New York, assignor to The Prosperity Company, Inc., Syracuse, N. Y. Power press. 1,642,252; Sept. 13.
 Lee, Ralph L., Dayton, Ohio. Toy ball. 1,642,449; Sept. 13.
 Lee, William S., R. Pfahler, and D. Nabow, Charlotte, N. C. Hydraulic gate. 1,642,253; Sept. 13.
 Lees-Bradner Company, The. (See McIntosh, James A., assignor.)
 Lees-Bradner Company, The. (See Schurr, Charles H., assignor.)
 Lehman, Werner. (See Bager, W. M., Lehman, and Ruhloff.)
 Leins, Oscar J., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Lighting device. 1,642,373; Sept. 13.
 Le Mur, S., Company, The. (See Lewis, Wilbur S., assignor.)
 Lester, William H., assignor to Illinois Watch Case Company, Elgin, Ill. Case holder. 1,642,161; Sept. 13.
 Lewis, A. (Finsbury) Limited. (See Widmer, Harry A., assignor.)
 Lewis, Edward D., Elmira, N. Y. Incinerator. 1,642,586; Sept. 13.
 Lewis, Lloyd V., Edgewood Borough, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway-traffic-controlling apparatus. 1,642,073; Sept. 13.
 Lewis, Wilbur S., assignor to The S. Le Mur Company, Cleveland, Ohio. Hair-waving curler rod. 1,642,450; Sept. 13.
 Lewis, Wilfred, Haverford, assignor to The Tabor Manufacturing Company, Philadelphia, Pa. Jar-molding machine. 1,642,074; Sept. 13.
 Libby, Frank, Los Angeles, Calif. Making plates for multicolor printing. 1,642,451; Sept. 13.
 Liebert, Richard, and W. Fischer, assignors to Goodyear Zeppelin Corporation, Akron, Ohio. Power plant for airships. 1,642,036; Sept. 13.
 Lillienfeld, Leon, Vienna, Austria. Cellulose compound and making same. 1,642,587; Sept. 13.
 Lillienfeld, Leon, Vienna, Austria. Manufacture of artificial materials. 1,642,588; Sept. 13.
 Lindner, Werner, Benthien, Germany. Blasting-bore closure. 1,612,118; Sept. 13.
 Lion, Charles R., Los Angeles, Calif. Automatic sewer flusher. 1,642,659; Sept. 13.
 Liptak Fire Brick Arch Co. (See Liptak, Michael, assignor.)
 Liptak, Michael, St. Paul, assignor to Liptak Fire Brick Arch Co., Minneapolis, Minn. Baffle wall for furnaces. 1,642,254; Sept. 13.
 Littlefield, Arthur S., Winnetka, assignor to Littlefield Manufacturing Company, Chicago, Ill. Mechanical toy. 1,641,977; Sept. 13.
 Littlefield, Calvin G., Glencoe, Ill. Game apparatus. 1,642,119; Sept. 13.
 Littlefield Manufacturing Company. (See Littlefield, Arthur S., assignor.)
 Ljungström, Walfried, Mattfors, Sweden. Machine for plating, pressing, and drying end caps on paper rolls. 1,642,340; Sept. 13.
 Lobdell-Emery Mfg. Co., The. (See Jones, Adolph G., assignor.)
 Lockport Cotton Batting Co. (See Rogers, Edward A., assignor.)
 Locomotive Stoker Company. (See Caps, W. T., and Mastin, assignors.)
 Locomotive Stoker Company. (See Lower, N. M., and Chalker, assignors.)
 Loepfinger, Albert J., assignor to General Fire Extinguisher Company, Providence, R. I. Hanger for wall radiators and the like. 1,642,075; Sept. 13.

Loew, Charles H., Avon Lake, assignor to The Loew Manufacturing Company, Cleveland, Ohio. Cleaning bottles. 1,642,419; Sept. 13.
 Loew Manufacturing Company, The. (See Loew, Charles H., assignor.)
 Loewe, Siegmund, Berlin, Germany, assignor to Radio Corporation of America. Wireless receiving apparatus. 1,642,420; Sept. 13.
 Lomax, Clarence E., assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill. Telegraph switching system. 1,642,037; Sept. 13.
 Lommel, Wilhelm, Wiesdorf, near Cologne-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt, Germany. Manometer. 1,642,615; Sept. 13.
 Londek, John H., Dearborn, Mich. Window control and silencer. 1,642,162; Sept. 13.
 Loomis, Frank R., Mapleton, Minn. Tire lock. 1,642,589; Sept. 13.
 Lorenz, C., Aktiengesellschaft. (See Gerth, F., and Fischer, assignors.)
 Lorenz, C., Aktiengesellschaft. (See Hersen, K., and Hirschberg, assignors.)
 Lorenz, Edward H., West Hartford, assignor to Hartford Empire Company, Hartford, Conn. Ware-transferring mechanism. 1,642,421; Sept. 13.
 Louth, Herbert, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Ironing machine. 1,642,038; Sept. 13.
 Lovett, George A., assignor to General Motors Corporation, Detroit, Mich. Electrode-feeding means. 1,642,452; Sept. 13.
 Lowenstein, Harry. (See Lowenstein, Samuel, assignor.)
 Lowenstein, Samuel, Oakland, assignor to H. Lowenstein, San Francisco, Calif. Bedpan. 1,642,255; Sept. 13.
 Lower, Nathan M., and A. R. Chalker, Pittsburgh, Pa., assignors to Locomotive Stoker Company. Distributor tube for stokers. 1,642,076; Sept. 13.
 Lucas, Jonathan, Savannah, Ga., assignor to Lucas Lamborn Loom Corp., New York, N. Y. Bobbin for looms. 1,642,503; Sept. 13.
 Lucas Lamborn Loom Corp. (See Lucas, Jonathan, assignor.)
 Lucke, Hermann F. W., Altona-on-the-Elbe, Germany. Device for reducing the pitching of ships. 1,642,163; Sept. 13.
 Luftschiffbau Zepplin Gesellschaft mit beschränkter Haftung. (See Arnstein, Karl, assignor.)
 Luftschiffbau Zepplin Gesellschaft mit beschränkter Haftung. (See Hürtgen, Karl, assignor.)
 Luzinbuhl, Godfrey-Rodolphe, Lausanne, Switzerland. Railway guide. 1,642,616; Sept. 13.
 Lundquist, Hjalmar B., Youngstown, Ohio. List-removing apparatus. 1,641,978; Sept. 13.
 Lüschen, Fritz, Berlin-Sudende, and K. Küpfmüller, Berlin-Friedenau, assignors to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Alternating-current telegraphy. 1,642,453; Sept. 13.
 M. J. B. Co. (See Bardet, G. A., and Burns, assignors.)
 M & P Corset Company. (See Brock, William R., assignor.)
 Machin, Frank R., London, England. Variable electric condenser. 1,641,979; Sept. 13.
 MacKenzie, William A., assignor to American Battery Products Corporation, Long Beach, Calif. Sealing ring. 1,642,550; Sept. 13.
 Mackey, Harry J., assignor to The Combination Fountain Co., Decatur, Ill. Soda-fountain refrigerator. 1,641,980; Sept. 13.
 MacMillan, Harry, Philadelphia, Pa. Lavatory fixture. 1,642,256; Sept. 13.
 Madison Silo Company. (See Woody, Clyde C., assignor.)
 Maerz, Frederick K., assignor to B. F. Klein, doing business as The Kayline Co., Cleveland, Ohio. Lamp shade. Des. 73,438; Sept. 13.
 Magglo, Salvatore, Pittsburgh, Pa. Trolley harp and contact device. 1,642,257; Sept. 13.
 Magor, Robert J. (See Cartzadner, Roy E., assignor.)
 Malmstrom, Valno W., Bayonne, N. J. Pump, compressor, or the like. 1,642,454; Sept. 13.
 Manofsky, John, assignor to Youngstown Pressed Steel Company, Warren, Ohio. Stop device. 1,642,422; Sept. 13.
 Marcus, Charles L., New York, N. Y. Vanity case. 1,641,981; Sept. 13.
 Marcus, Myron, Los Angeles, Calif. Speed indicator. 1,642,617; Sept. 13.
 Marles, Henry, London, England. Steering gear. 1,642,164; Sept. 13.
 Marquette, Melvon A., assignor to The Fisk Rubber Company, Chicopee Falls, Mass. Stripping device. 1,642,455; Sept. 13.
 Marr, Rival M. (See Carnes, A. H., and Marr.)
 Marvin, W. B., Manufacturing Company, The. (See Ritter, John J., assignor.)
 Marx, Richard, Philadelphia, Pa. Cutting attachment for looms. 1,642,423; Sept. 13.
 Massey, Edward M., Wynnewood, assignor of one-half to The Philadelphia Tabloid Publishing Company, Philadelphia, Pa. Puzzle. 1,642,424; Sept. 13.
 Massey-Harris Company. (See Verity, W. J. and Van Sickle, assignors.)
 Mastlin, Herbert G. (See Capps, W. T., and Mastlin.)

Mathews, Fred, Chicago, Ill. Gearing. 1,642,120; Sept. 13.
 Matthews, Howard D., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company. Thermal relay. 1,642,039; Sept. 13.
 Maupin, Everett N., Fallon, Nev. Lead-in connection. 1,642,618; Sept. 13.
 May, Adam J., assignor to Ritter Dental Manufacturing Co., Rochester, N. Y. Dental chair. 1,642,258; Sept. 13.
 May, William F., Thornton Heath, assignor of one-half to J. A. Keene, London, England. Luncheon or picnic box or case. 1,642,374; Sept. 13.
 Maynard, Charles E., Northampton, assignor to The Fisk Rubber Company, Chicopee Falls, Mass. Tube end beveling and sealing device. 1,642,456; Sept. 13.
 McCaffrey, Edward R., Spokane, Wash. Flashing. 1,642,165; Sept. 13.
 McCaffrey, Edward R., Chicago, Ill. Making flashings. 1,642,166; Sept. 13.
 McCormick, Francis H., Glen Ellyn, assignor to Edison Electric Appliance Company, Incorporated, Chicago, Ill. Electric heater. Des. 73,439; Sept. 13.
 McCutchen, Brunson S., North Plainfield, N. J., assignor to American Telephone and Telegraph Company. Public-address system. 1,642,040; Sept. 13.
 McDade, James E., Chicago, Ill. Memorization device. 1,641,982; Sept. 13.
 McDonald, Charles D., assignor to McDonald Machine Co., Chicago, Ill. Pneumatic control for batteries of automatic presses. 1,642,375; Sept. 13.
 McDonald Machine Co. (See McDonald, Charles D., assignor.)
 McDougall, Donald, Newark, N. J. Foot accelerator for motor cycles. 1,642,376; Sept. 13.
 McElvain, Howard C. (See McElvain, Howard J. and H. C.)
 McElvain, Howard J. and H. C., Portland, Ore. Motor. 1,642,457; Sept. 13.
 McIntosh, James, Norristown, assignor to Diamond State Fibre Company, Bridgeport, Pa. Synthetic resin and making same. 1,642,079; Sept. 13.
 McIntosh, James, and E. Y. Wolford, Norristown, Pa., assignors to Diamond State Fibre Company, Elsmere, Del. Synthetic resin and making same. 1,642,078; Sept. 13.
 McIntosh, James A., Detroit, Mich., assignor to The Lees-Bradner Company, Cleveland, Ohio. Gear-tooth gauge. 1,642,077; Sept. 13.
 McLaughlin, Patrick T., and W. Anderson, Miami, Okla. Safety blasting cartridge. 1,642,341; Sept. 13.
 McLaughlin, William J., Owatonna, Minn. Overrun tester. 1,642,212; Sept. 13.
 McMahon, William F., Riverside, Calif. Oil-well pump. 1,642,121; Sept. 13.
 McMahon, William F., Riverside, Calif. Division-head propelling screen. 1,642,122; Sept. 13.
 McMillan, Howard O., Minneapolis, Minn. Clamp for concrete-column forms. Re16,736; Sept. 13.
 McMullen, John, Buffalo, N. Y. Car-brake device. 1,641,983; Sept. 13.
 McNaught, Norris F. (See Bishop, S. H., and McNaught.)
 McNaughton, Allan F., Toronto, Ontario, Canada. Rotary washing machine. 1,642,123; Sept. 13.
 Mend, George J., Chicago, Ill., assignor to The Fisk Rubber Company, Chicopee Falls, Mass. Apparatus for applying dust. 1,642,551; Sept. 13.
 Medlock, Jack, Grandfield, Okla. Bag rack. 1,642,619; Sept. 13.
 Meinema, Thomas G., assignor to The Holtzer-Cabot Electric Co., Chicago, Ill. Telephone tone machine. 1,642,377; Sept. 13.
 Merrill, John R., Paris, France. Pocket outfit for the care of teeth. 1,642,620; Sept. 13.
 Messner, Arthur C. (See Young, Frank G., Jr., assignor.)
 Miller, Frank E., Radio Corporation. (See Miller, F. E., and Lacey, assignors.)
 Miller, Frank E., and R. M. Lacey, assignors to Frank E. Miller Radio Corporation, New York, N. Y. Push-pull reproducer. 1,642,124; Sept. 13.
 Miller, Henry, assignor to American Can Company, San Francisco, Calif. Apparatus for attaching handles to cleat plates. 1,642,458; Sept. 13.
 Miller, Lauritz N., Eugene, Ore. Car construction. 1,642,504; Sept. 13.
 Miller, Penn., Monmouth, Ill. Polishing machine. 1,641,984; Sept. 13.
 Miller, Roy J., Milwaukee, Wis. Dispensing receptacle. 1,642,425; Sept. 13.
 Millice, Paul S., Hamilton, Ohio, assignor to Herring-Hall-Marvin Safe Company, New York, N. Y. Safe vault. 1,642,552; Sept. 13.
 Mills, B. A., Fort Worth, Tex. Automatic inner safety. 1,642,590; Sept. 13.
 Milwaukee Gas Specialty Company. (See Leins, Oscar J., assignor.)
 Mix, Edwin S. (See Beck, A. H., and Mix.)
 Mock, Frank C., C. J. Gustafson, and M. E. Chandler, assignors to Stromberg Motor Devices Company, Chicago, Ill. Carburetor. 1,642,378; Sept. 13.
 Mollnow, Edward A., assignor to Buffalo Bolt Company, North Tonawanda, N. Y. Bolt nutting and automatic chucking apparatus and method. 1,642,379; Sept. 13.

Molnar, Zoltan, Port Robinson, Ontario, assignor of one-fourth to M. S. Corboy and one-fourth to H. A. Fifield, Welland, Ontario, Canada. Rail-switch-locking device. 1,642,380; Sept. 13.
 Monte, Joseph T., Chisholm, Minn. Insect exterminator. 1,642,306; Sept. 13.
 Moon, George A., San Francisco, Calif. Door catch. 1,642,167; Sept. 13.
 Moore, Ambrose C., assignor to Chicago Railway Equipment Company, Chicago, Ill. Brake-beam support. 1,642,080; Sept. 13.
 Morgan Construction Company. (See George, Jerome R., assignor.)
 Morrell, Herbert W., Pine Grove, Pa. Furnace-door fastener. 1,642,621; Sept. 13.
 Morris, Charles E., Philadelphia, Pa. Toy wagon. 1,642,591; Sept. 13.
 Morris, Troy, Morehead City, N. C. Oil pan for oil stoves. 1,642,592; Sept. 13.
 Morrison, Walter L. (See Brant, Joseph S., assignor.)
 Morse, Delbert F., Lakeport, N. H. Motor-driven shears. 1,642,259; Sept. 13.
 Moyer, Guy H., and R. F. Aucker, Freeburg, Pa. Folding piano-shipping case. 1,642,381; Sept. 13.
 Munroe, Treadway B., assignor to Dahlberg & Company, Inc., Chicago, Ill. Apparatus for slitting continuously moving material. 1,642,081; Sept. 13.
 Murdock, Charles E. (See Gray, O. H., and Murdock.)
 N. Y. Philips' Gloeilampenfabrieken. (See Schoonenberg Panaras, assignor.)
 Nabow, David. (See Lee, W. S., Pfachler, and Nabow.)
 Nathan, Alfred, Leipzig, Germany. Treating cheap skins in imitation of more expensive furs. 1,642,505; Sept. 13.
 Neelands, Abram R., and G. Damry, Doncaster, England. Construction of concrete piles or foundation elements. 1,642,213; Sept. 13.
 Nelson, Eric, Wilmington, Calif., assignor, by mesne assignments, to Pacific Door and Sash Company. Wall seat. 1,642,125; Sept. 13.
 Nelson, Gust, assignor of one-half to F. R. Pendleton, Vancouver, British Columbia, Canada. Choker hook. 1,642,622; Sept. 13.
 New Haven Clock Co. (See Whitehead, Richard H., assignor.)
 New York Merchandise Co. (See Tauber, Fred G., assignor.)
 Nowhill, Willard D. (See Howeth, George O., assignor.)
 Nichols, Herbert A., Robstown, Tex. Oil-drum hoist and lifting frame. 1,641,985; Sept. 13.
 Nicholson, Frank H., Lewistown, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway-traffic-controlling apparatus. 1,642,082; Sept. 13.
 Niks, Nicholas J., Chillicothe, Ohio. Paper-making mechanism. 1,641,986; Sept. 13.
 Niks, Nicholas J., Chillicothe, Ohio. Paper machine and making paper. 1,641,987; Sept. 13.
 Niven, Harry A., Boston, Mass. Dispensing apparatus. 1,642,623; Sept. 13.
 Nonnenbruch, Otto. (See Lounne, P. E., and Nonnenbruch.)
 Norris, Grace. (See Langdon, Jesse D., assignor.)
 Norris, Harry. (See Fulenwider, J. and H., Robinson, and Norris.)
 Northrup, Vernon W., Hurluck, Md., assignor to The Petroleum Hydrogenation Company of America, Incorporated, Wilmington, Del. Process and apparatus for the conversion of heavy petroleum oils into lighter oils. 1,642,624; Sept. 13.
 Norton, Edward L., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave-transmission system. 1,642,506; Sept. 13.
 Norton, Edwin C., Arcata, Calif. Blubber-slicing implement. 1,642,625; Sept. 13.
 Norwood, Edward P., Birmingham, Ala. Stringed instrument. 1,642,126; Sept. 13.
 Norwood, Harry E. (See Kurscheldt, P. J., and Norwood.)
 Novelty Food Corporation. (See Hall, Charles G., assignor.)
 Nyman, Alexander, Swissvale, Pa., assignor to Westinghouse Electric & Manufacturing Company. Inductor-type frequency changer. 1,642,041; Sept. 13.
 Nyman, John O., Canton, Ohio. Metal door. 1,642,553; Sept. 13.
 Ogden, J. Edward. (See Tomkinson, Charles C., assignor.)
 Ogle Construction Company. (See Bledsoe, Carl F., assignor.)
 Olsen, Walter, assignor to American Gas Machine Company, Albert Lea, Minn. Alcohol torch. 1,642,260; Sept. 13.
 Olson, Carl G., assignor to Illinois Tool Works, Chicago, Ill. Gen.-generating machine. 1,642,554; Sept. 13.
 O'Neill, Frank, Toledo, Ohio. Glass pressing and blowing machine. 1,642,660; Sept. 13.
 Orlovsky, Wassyl, Habana, Cuba. Life-saving device for submarine vessels. 1,642,127; Sept. 13.
 Orr, John S., Augusta, Ky. Sprocket chain. 1,642,459; Sept. 13.
 Otte, Otto M., Tarentum, assignor to Allegheny Steel Company, Brackenridge, Pa. Ham boiler. 1,642,168; Sept. 13.

Ottinger, Leon, New York, N. Y. Mounting for latch handles. 1,641,988; Sept. 13.
 Ottinger, Leon, New York, N. Y. Game-scoring device. 1,642,382; Sept. 13.
 Ovington, Edward J., Newton, Mass. Making tea-ball tags. 1,642,307; Sept. 13.
 Owen, Joseph, Newark, N. J. Hoisting device. 1,642,383; Sept. 13.
 Pacific Door and Sash Company. (See Nelson, Eric, assignor.)
 Pacquet, René, Paris, France. Spreading and stretching device for the treatment of fur skins. 1,642,214; Sept. 13.
 Page, Robert F., deceased; J. M. Felt, administrator, Athens, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Vented motor casing. 1,642,083; Sept. 13.
 Palste, H. T., Company. (See Palste, Henry T., assignor.)
 Palste, Henry T., assignor to H. T. Palste Company, Philadelphia, Pa. Twin socket. 1,642,626; Sept. 13.
 Paley, Max, Monticello, N. Y. Varying the size of garments. 1,642,627; Sept. 13.
 Palicki, Robert C., Toledo, Ohio. Work glove. 1,642,128; Sept. 13.
 Parker, Guy E., assignor to General Motors Corporation, Detroit, Mich. Spare-tire carrier. 1,642,460; Sept. 13.
 Patenaude, Amable O., Toronto, Ontario, assignor of one-half to O. B. Shortley, Toronto, Ontario, Canada. Split stovepipe. 1,642,215; Sept. 13.
 Patterson, Frank, Richfield Springs, N. Y. Weeder. 1,642,261; Sept. 13.
 Paule, Julius J., North Baltimore, Ohio. Wrench. 1,641,989; Sept. 13.
 Penbody, George M., Hyde Park, Mass., assignor to E. E. Taylor Company, Boston, Mass. Ventilated insole. 1,642,308; Sept. 13.
 Pelton & Crane Company, The. (See Hand, J. A., and Pelton, assignors.)
 Pelton, Chauncey R. (See Hand, J. A., and Pelton.)
 Pendleton, Frank R. (See Nelson, Gust, assignor.)
 Pennartz, Pierre, Lille, France. Picker for weaving looms. 1,642,262; Sept. 13.
 People of the United States, The. (See Wilson, Thomas R. C., assignor.)
 Perfect Window Regulator Corporation. (See Goldsmith, B. J., and Koeb, assignors.)
 Perfect Window Regulator Corporation. (See Kurscheldt, P. J., and Norwood, assignors.)
 Perkins, Julian L., West Springfield, and H. D. Croft, assignors, by mesne assignments, to Perkins Machine and Gear Company, Springfield, Mass. Broaching machine. 1,642,593; Sept. 13.
 Perkins Machine and Gear Company. (See Perkins, J. L., and Croft, assignors.)
 Perrot, Henri, Paris, France, assignor to Bendix Corporation, Chicago, Ill. Braking of the steering wheels of vehicles. 1,642,084; Sept. 13.
 Perry, Donald B. (See Vernam, G. S., and Perry.)
 Peters, John F., Rochester, assignor to American Can Company, New York, N. Y. Can-body-making machine. 1,642,169; Sept. 13.
 Peterson, B., Company. (See Crain, Rollie, assignor.)
 Petroff, Grigor, Moscow, Russia, and P. Shestakoff, Paris, France. Treating hard water. 1,642,594; Sept. 13.
 Petroff, Grigor, Moscow, Russia, and P. Shestakoff, Paris, France. Obtaining sulpho-aromatic fatty acids. 1,642,595; Sept. 13.
 Petroleum Hydrogenation Company of America, Incorporated. (See Northrup, Vernon W., assignor.)
 Petroleum Machinery Development Corporation. (See Langdon, Jesse D., assignor.)
 Pettersson, Carl G. (See Sjöman, C. F., and Pettersson.)
 Pfachler, Richard. (See Lee, W. S., Pfachler, and Nabow.)
 Phenix, Vinton, Greeley, Colo. Casket-lowering device. 1,641,990; Sept. 13.
 Philadelphia Drying Machinery Company, The. (See Wigglesworth, H. H., and Greiner, assignors.)
 Philadelphia Tabloid Publishing Company, The. (See Massey, Edward M., assignor.)
 Philbrick, Fred A., Santa Cruz, Calif. Well-drilling apparatus. 1,642,628; Sept. 13.
 Pieper, Willy, assignor to J. B. Soellner Nachf. Reisszeugfabrik A.-G., Nuremberg, Germany. Production of a weatherproof oxide layer on electron metal. 1,642,309; Sept. 13.
 Pilkington, Frederick, New York, N. Y. Indicating means for faucets or the like. 1,642,264; Sept. 13.
 Pilling, Henry, Chorlton, Manchester, England. Pressure regulator. 1,642,216; Sept. 13.
 Piola, Benedict F., San Jose, Calif. Dog shield. 1,642,310; Sept. 13.
 Pitcher, Ellen W. (See Hosking, Richard T., assignor.)
 Pittsburgh Plate Glass Company. (See Jenkins, J. D., and Berger, assignors.)
 Platt Brothers and Company Limited. (See Wilkinson, H., and Bassett, assignors.)
 Plaut, Antoine P., assignor of one-half to The Roberts Brass Manufacturing Co., Detroit, Mich. Vacuum feed. 1,642,129; Sept. 13.
 Pochobradsky, Bedrich, Slidcup, England. Packing gland for elastic-fluid turbines or the like. 1,642,085; Sept. 13.

Polk, John L., La Grange, Ill. Electrical binding terminal. 1,642,042; Sept. 13.
 Pomphum, Emil, and W. Jennerjohn, Cudahy, Wis., assignors to The Plisk Rubber Company, Chicopee Falls, Mass. Engraving machine. 1,642,555; Sept. 13.
 Porter, Leslie F., Passaic, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone system. 1,642,507; Sept. 13.
 Prescott, Edwin, Arlington, Mass. Platform support. 1,642,265; Sept. 13.
 Price, Paul L., Mount Vernon, N. Y. Floor grating. Des. 73,440; Sept. 13.
 Proctor & Schwartz, Incorporated. (See Kershaw, F., and Huxthal, assignors.)
 Prosperity Company, The. (See Ledbetter, James C., assignor.)
 Pryor, William A., Savannah, Ga. Rainy-day tablet shield. 1,642,384; Sept. 13.
 Pryor, William A., Savannah, Ga. Rainy-day tablet shield. 1,642,385; Sept. 13.
 Purdue University. (See Ross, David E., assignor.)
 Purnell, Charles S. (See Guy, Harry L., assignor.)
 Rabezzana, Hector, assignor to A. C. Spark Plug Company, Flint, Mich. Vacuum tank. 1,642,461; Sept. 13.
 Rabitzer, Theodore J., Dayton, Ohio. Display holder. 1,642,086; Sept. 13.
 Rachlin, Max, Brooklyn, N. Y. Eaves-trough elbow. 1,642,556; Sept. 13.
 Radio Corporation of America. (See Loewe, Siegmund, assignor.)
 Radio Corporation of America. (See Round, Henry J., assignor.)
 Radio Corporation of America. (See Wright, George M., assignor.)
 Rail Joint Company, The. (See Disbrow, Clarkson A., assignor.)
 Rail Welding & Bonding Company, The. (See Burgett, Lynn S., assignor.)
 Raimondi, Francesco, Milan, Italy. Inductive limiting device for alternating currents. 1,642,343; Sept. 13.
 Rampf, Heinrich, Jersey City, N. J., assignor to Nathan Straus & Sons, Inc., New York, N. Y. Plate or similar article. Des. 73,441; Sept. 13.
 Ramsey, Maxwell E., St. Louis, Mo. Bed. 1,641,991; Sept. 13.
 Rankin, Julian, assignor of one-half to J. Isralsky, Louisville, Ky. Match box. 1,642,629; Sept. 13.
 Rastetter, Harry O., assignor to The Union Metal Manufacturing Company, Canton, Ohio. Lamp standard. Des. 73,442; Sept. 13.
 Rau, Henry V., Brooklyn, assignor to A. G. Spalding & Bros., New York, N. Y. Golf-bag top. 1,642,043; Sept. 13.
 Raw, Charles, Toledo, Ohio. Sash fastener. 1,642,266; Sept. 13.
 Rawson, Leslie A., Houston, Tex., assignor to Emsco Derrick & Equipment Company, Los Angeles, Calif. Anchor for crown blocks. 1,642,170; Sept. 13.
 Reach, William F., Springfield, Mass., assignor to A. G. Spalding & Bros., New York, N. Y. Golf club. 1,642,462; Sept. 13.
 Reader, Rose. (See Winslow, F. H., and Reader.)
 Reason, Walter M., assignor to E. Ballamos, Pontiac, Mich. Transmission lock. 1,641,902; Sept. 13.
 Reavis, Winfred E., Los Angeles, Calif. Book sander. 1,642,171; Sept. 13.
 Redgrave, Gilbert R., et al. (See Boswell, George B., assignor.)
 Reed, Clarence E., Wichita, Kans. Deep-well rotary drilling apparatus. 1,642,463; Sept. 13.
 Reis, G., & Bros., Inc. (See Reis, Julius M., assignor.)
 Reis, G., & Bros., Inc. (See Reis, J. M., and Businger, assignors.)
 Reis, Julius M., assignor to G. Reis & Bros., Inc., New York, N. Y. Operating upon label tape. 1,642,387; Sept. 13.
 Reis, Julius M., and E. F. Businger, assignors to G. Reis & Bros., Inc., New York, N. Y. Apparatus for operating upon labels. 1,642,386; Sept. 13.
 Respro Inc. (See Abbott, Royal K., assignor.)
 Reymondet, Louis, St. Claude, France. Pipe. Des. 73,443; Sept. 13.
 Reynolds, Daniel L., Los Angeles, Calif. Nonstretchable mattress. 1,642,557; Sept. 13.
 Reynolds, Frank D., South Bend, Ind., assignor to Bendix Brake Company, Chicago, Ill. Brake shoe. 1,642,558; Sept. 13.
 Richardson, De Soto E., Riverside, Wash. Fruit picking and thinning device. 1,642,311; Sept. 13.
 Riches, Piver & Co. (See Sanders, George E., assignor.)
 Richter, Herman J. P., and J. J. Burckhauser, Cincinnati, Ohio. Linen-marking machine. 1,642,172; Sept. 13.
 Ric-Wil Company, The. (See Fichtner, J. B., and Crouch, assignors.)
 Riggs, James. (See Hull, John W., assignor.)
 Risinger, Frank V., Lakewood, Ohio. Burner grid and making the same. 1,642,426; Sept. 13.
 Ritter Dental Manufacturing Co. (See May, Adam J., assignor.)
 Ritter, John J., assignor to The W. B. Barvin Manufacturing Company, Urbana, Ohio. Plane. 1,642,044; Sept. 13.

Roberts Brass Manufacturing Co., The. (See Plaut, Antonio P., assignor.)
 Robinson, Edward W. (See Fulenwider, J. and H., Robinson, and Norris.)
 Robinson, Holton D., New York, N. Y. Cable squeezer. 1,642,508; Sept. 13.
 Robinson, J. L., Inc. (See Robinson, John L., assignor.)
 Robinson, John L., assignor to J. L. Robinson, Inc., Reno, Nev. Eye bandage. 1,642,661; Sept. 13.
 Robinson, John T., Company. (See Gooding, George E., assignor.)
 Rocke, John, Bloomington, Ill. Washing-machine wringer mechanism. 1,642,130; Sept. 13.
 Roesler, Frank J. (See Dover, Samuel M., assignor.)
 Rogers, Edward A., assignor to Lockport Cotton Batting Co., Lockport, N. Y. Cotton batting and making the same. 1,642,509; Sept. 13.
 Rogers, William S., Van Buren, Ark. Horse collar. 1,642,427; Sept. 13.
 Rooney, James H. (See Dickie, W. A., and Rooney.)
 Rosenbaum, Ilse A. M., et al., sole heirs. (See Rosenbaum, Theodor.)
 Rosenbaum, Selma, et al., sole heirs. (See Rosenbaum, Theodor.)
 Rosenbaum, Theodor, deceased; S. and I. A. M. Rosenbaum, sole heirs, assignors to Gyroretor Gesellschaft mit beschränkter Haftung, Berlin, Germany. Direction indicator for moving bodies. 1,642,087; Sept. 13.
 Rosenthal China Corporation. (See Wesp, George, assignor.)
 Rosenfeld, Harry, Cleveland, Ohio. Lantern. Des. 73,444; Sept. 13.
 Ross, David E., assignor to Purdue University, La Fayette, Ind. Sectional tunnel. 1,642,559; Sept. 13.
 Round, Henry J., London, England, assignor to Radio Corporation of America. Radio signaling system. 1,642,173; Sept. 13.
 Rowlett, Homer A., Oklahoma City, Okla. Stitch pick. 1,642,510; Sept. 13.
 Rubarth, Joseph, Wittlage, Germany. Agricultural implement. 1,642,342; Sept. 13.
 Rudolph, Franklin, Chicago, Ill., assignor to American Can Company, New York, N. Y. Can-body blank. 1,642,174; Sept. 13.
 Ruhloff, Frederick C. (See Bager, W. M., Lehman, and Ruhloff.)
 Rush, Joseph K., assignor, by mesne assignments, to Rush Outing Co., Inc., Syracuse, N. Y. Folding tent. 1,642,267; Sept. 13.
 Rush Outing Co. (See Rush, Joseph K., assignor.)
 Rutherford, Walter, et al. (See Geake, William H. G., assignor.)
 Ryder, Forest C., Elgin, Oreg. Glareshield. 1,642,045; Sept. 13.
 Sanders, George E., Deloro, Ontario, Canada, assignor to Riches, Piver & Co. Copper-arsenic dust. 1,642,511; Sept. 13.
 Sargent's, C. G., Sons Corporation. (See Furbush, Frank L., assignor.)
 Sauer, John, Cincinnati, Ohio. Interlocking underbelt. 1,642,046; Sept. 13.
 Scarff, Truman M., Springvalley, Ohio. Roofing cleat. 1,642,088; Sept. 13.
 Scarth, Harold, Detroit, Mich. Door-frame anchor. 1,642,175; Sept. 13.
 Schaefer, Frank M., Steger, assignor to C. C. Shields, Lake Forest, Ill. Peeling machine. 1,641,993; Sept. 13.
 Schellerer, Fridolin, Secane, Pa. Power hammer. 1,642,560; Sept. 13.
 Scherner, John, Milwaukee, Wis., assignor to The Fisk Rubber Company, Chicopee Falls, Mass. Band ring. 1,642,561; Sept. 13.
 Schesvold, George T., and A. M. Johnson, Minneapolis, Minn. Tool for removing transmission bands. 1,641,994; Sept. 13.
 Schleicher, Frank J., St. Louis, Mo. Box. Des. 73,445; Sept. 13.
 Schleicher, Leo W., Detroit, Mich. Tool handle. 1,642,388; Sept. 13.
 Schnake, August C., Centalla, Ill. Weather strip. 1,642,176; Sept. 13.
 Schnake, August C., Centalla, Ill. Weather strip. 1,642,177; Sept. 13.
 Schobrone, Carl J., Cleveland, Ohio. Smoke-treating apparatus. 1,641,995; Sept. 13.
 Schoonenberg, Pancras, assignor to N. V. Phillips' Gloeilampenfabrieken, Eindhoven, Netherlands. Glass-manufacturing machine and method. 1,642,312; Sept. 13.
 Schorsch, Ludwig, Goerkan, Czechoslovakia. Lap machine. 1,642,178; Sept. 13.
 Schrader, Thomas O., Allentown, assignor to Dent Hardware Co., Fullerton, Pa. Latch device for refrigerator doors. 1,642,512; Sept. 13.
 Schreier, Arthur, Vienna, Austria, assignor, by mesne assignments, to General Zeolite Company, Chicago, Ill. Process and material for sterilization of liquids. 1,642,080; Sept. 13.
 Schultz, Adelbert W. R., Clarion, Iowa. Quick-change pump-rod connection. 1,642,464; Sept. 13.
 Schultz, Edward, Chicago, Ill. Combination standard and tray for a combined floor lamp and smoking stand. Des. 73,446; Sept. 13.

Schurr, Charles H., assignor to The Lees-Bradner Company, Cleveland, Ohio. Finishing gear teeth. 1,642,179; Sept. 13.
 Schutten, Herman B., Milwaukee, Wis. Adjustable hook or bracket. 1,642,428; Sept. 13.
 Schwarber, Henry, Weehawken, N. J. Embroidered lace Medallion. Des. 73,447; Sept. 13.
 Schweiker, Roy W., Lansdale, Pa. Lighting fixture. 1,642,429; Sept. 13.
 Scohy, John R., assignor to Baker Brothers Glass Company, Okmulgee, Okla. Shawl carrier. 1,642,562; Sept. 13.
 Scott, David T., Vancouver, British Columbia, Canada. Heavy-oil vaporizer. 1,642,268; Sept. 13.
 Scott, Winfield, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Di-para-xylylguanidine. 1,642,180; Sept. 13.
 Seovill Manufacturing Company. (See Villaret, Gustave E., assignor.)
 Scribner, William L., assignor to The Timken Roller Bearing Company, Canton, Ohio. Differentiating miniscule axle. 1,642,513; Sept. 13.
 Secropoulos Limited. (See Gannoty, Lucien J., assignor.)
 Segal, Herman, Bronx, N. Y. Phonograph reproducer. Des. 73,448; Sept. 13.
 Segal, Samuel, New York, N. Y. Casing for locks. 1,642,047; Sept. 13.
 Shen, Timothy E., Rutherford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Voltage amplifier. 1,642,389; Sept. 13.
 Shebol, Joseph, and W. F. Albrecht, Syracuse, N. Y.; said Shebol assignor to said Albrecht. Piston pressure gauge. 1,642,563; Sept. 13.
 Sheetz, Roscoe M., Bradenton, Fla. Tooth and massage brush. 1,642,465; Sept. 13.
 Shestakoff, Peter. (See Petroff, G., and Shestakoff.)
 Shields, C. Culver. (See Schaefer, Frank M., assignor.)
 Shindo, Saburo. (See Shoopman, H. R., and Shindo.)
 Shoopman, Henry R., and S. Shindo, Grand Island, Nebr. Engine. 1,642,217; Sept. 13.
 Shortley, Orville B. (See Putenau, Amable O., assignor.)
 Shortt, James, assignor to Alloy Metal Products Co., Los Angeles, Calif. Wall-bracket arm fixture. Des. 73,449; Sept. 13.
 Shriver, Theo. R. (See Bouch, E., and Shriver.)
 Shyer, Joseph, Brooklyn, assignor to Zylco Ware Corporation, Inc., New York, N. Y. Ophthalmic mounting. 1,642,090; Sept. 13.
 Sidnell, Albert E., and E. C. F. Hartmann, Salt Lake City, Utah. Making irregularly-cored articles of hard rubber and the like. 1,642,664; Sept. 13.
 Siemens & Halske Aktiengesellschaft. (See Lüschen, F., and Küpfmüller, assignors.)
 Slevor, Hughes L. (See Smith, Robert B., assignor.)
 Silent Automatic Corporation. (See Thiel, Otto, assignor.)
 Simons, Donald M., Osborne, assignor to Standard Underground Cable Company, Pittsburgh, Pa. Cable joint. 1,642,514; Sept. 13.
 Simons, Donald M., Osborne, assignor to Standard Underground Cable Company, Pittsburgh, Pa. Cable-joint structure. 1,642,515; Sept. 13.
 Simpson, Ray, River Forest, assignor to Jewell Electrical Instrument Co., Chicago, Ill. Electrical measuring instrument. 1,642,516; Sept. 13.
 Sjolander, Frank V., Jamestown, Kans. Reel attachment for automobile wheels. 1,642,630; Sept. 13.
 Sjöman, Carl E., and C. G. Pettersson, assignors to J. & C. G. Bollinders Mekaniska Verkstads Aktiebolag, Stockholm, Sweden. Fuel-injecting nozzle. 1,642,269; Sept. 13.
 Slate, Thomas B., Glendale, Calif. Airship. 1,642,270; Sept. 13.
 Slepien, Joseph, Swissvale, Pa., assignor to Westinghouse Electric & Manufacturing Company. Constant-current device for glow-discharge microphones. 1,642,091; Sept. 13.
 Smith, Alexander P., Macon, Ga. Basket. 1,642,181; Sept. 13.
 Smith, Charles, and F. Yorke, Bradford, England. Twisting machinery. 1,642,218; Sept. 13.
 Smith, Charles C., Claremont, N. H., assignor to Sullivan Machinery Company. Safety apparatus. 1,642,182; Sept. 13.
 Smith, Ernest S. B., Sacramento, Calif. Lock for hotel-guest-room doors. 1,642,313; Sept. 13.
 Smith, George L., Los Angeles, Calif. Mold. 1,642,564; Sept. 13.
 Smith, Irving R. (See Golladay, L. R., and Smith.)
 Smith, Jesse A. B., Stamford, Conn., assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machines. 1,642,271; Sept. 13.
 Smith, Jesse A. B., Stamford, Conn., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,642,272; Sept. 13.
 Smith, Joseph R., Salt Lake City, Utah. Brooder stove. 1,642,565; Sept. 13.
 Smith, Robert B., Macon, Ga., assignor of one-half to H. L. Slevor, Keyser, W. Va. Conditioning textile fibers. 1,642,092; Sept. 13.
 Smith, Thomas J., assignor to The Firestone Tire and Rubber Company, Akron, Ohio. Apparatus for unwrapping and stripping inner tubes. 1,642,566; Sept. 13.

Smith, William W., Jersey City, N. J. Sampling device. 1,641,996; Sept. 13.
 Société Française des Produits Alimentaires Azotes. (See Kahn, Maurice, assignor.)
 Soellner, J. B., Nachf. Reisszeugfabrik A.-G. (See Pleper, Willy, assignor.)
 Sorensen, Jens, Harlan, Iowa. Sales-display cabinet. 1,642,466; Sept. 13.
 Spalding, A. G., & Bros. (See Rau, Henry V., assignor.)
 Spalding, A. G., & Bros. (See Reach, William F., assignor.)
 Spencer, Ernest P., Gramplan, Pa. Cartridge-reloading machine. 1,642,344; Sept. 13.
 Spiegel, May, Stern Company. (See Gollnick, P. A., and Toolan, assignors.)
 Spiegel, May, Stern Company. (See Kumli, Charles F., assignor.)
 Standard Development Company. (See Burgess, Louis, assignor.)
 Standard Underground Cable Company. (See Simons, Donald M., assignor.)
 Standlee, Harvey R., Tulsa, Okla. Packer. 1,642,273; Sept. 13.
 Stecke, Albert, Osnabrück, Germany. Joint for wires and wire ropes. 1,642,314; Sept. 13.
 Steimer, Charles M., executor. (See Steimer, Theodore C.)
 Steimer, Theodore C., deceased, Pittsburgh, Pa.; C. M. Steimer, executor, Zanesville, Ohio, assignor, by mesne assignments, to The Hartford Special Machinery Company, Glassworking apparatus. 1,642,430; Sept. 13.
 Steinle, Adolf, and O. Eppenstein, assignors to the Firm of Carl Zeiss, Jena, Germany. Apparatus for testing toothed wheels. 1,642,219; Sept. 13.
 Stendahl, Louis, and E. Hanson, Zimmerman, Minn. Pump-operating device. 1,642,274; Sept. 13.
 Stettner, Ludwig W., Oakland, Calif. Acetylene generator. 1,642,467; Sept. 13.
 Stevens, Walter E., Akron, Ohio. Automobile heater. 1,642,631; Sept. 13.
 Stewart, Lincoln E., Guerneville, Calif. Baseball-game apparatus. 1,642,093; Sept. 13.
 Stockholders Syndicate. (See Blumenberg, Henry, Jr., assignor.)
 Straus, Nathan, & Sons, Inc. (See Rampfel, Heinrich, assignor.)
 Strickler, William H., Philadelphia, Pa., assignor of one-half to W. H. Dentzel, Philadelphia, Pa. Coaster-track structure. 1,642,275; Sept. 13.
 Strickler, William H., Philadelphia, Pa., assignor of one-half to W. H. Dentzel, Philadelphia, Pa. Coaster car and track therefor. 1,642,276; Sept. 13.
 Stromberg Motor Devices Company. (See Mock, F. C., Gustafson, and Chandler, assignors.)
 Stuart, Donald R., Council Bluffs, Iowa. Toy vehicle. 1,642,468; Sept. 13.
 Sullivan Machinery Company. (See Halleck, Frank A., assignor.)
 Sullivan Machinery Company. (See Smith, Charles C., assignor.)
 Sun Rise Lamp Mfg. Co. (See Zweig, Louis, assignor.)
 Susong, Jacob A., Newport, Tenn. Hot-water heater. 1,641,997; Sept. 13.
 Sviageninov, Ivan G., New York, N. Y. Caster attachment for trunks. 1,642,094; Sept. 13.
 Swarens, Chester A., et al. (See Hobson, John H., assignor.)
 Swartz, Ira T., trustee. (See Weaver, Albert E., assignor.)
 Swathmey, Joseph H. (See Haynes, William J., assignor.)
 Swinney, Alonzo N., Macon, Mo. Automatic motor stop. 1,642,315; Sept. 13.
 Tabor Manufacturing Company, The. (See Lewis, Wilfred, assignor.)
 Tange, George Y., Cleveland, Ohio. Safety fuse. 1,642,567; Sept. 13.
 Tavennes Watch Co. S. A. (See Varand, André, assignor.)
 Taylor, E. E., Company. (See Peabody, George M., assignor.)
 Taylor, Hugh S., assignor to Western Electric Company, Incorporated, New York, N. Y. Socket. 1,642,517; Sept. 13.
 Tauber, Fred G., Jersey City, N. J., assignor to New York Merchandise Co., Inc., New York, N. Y. Shoe. Des. 73,450; Sept. 13.
 Tebaldi, Alessandro, Milan, Italy. Valve piston. 1,642,596; Sept. 13.
 Tekker, William E., Penn Township, St. Joseph County, Ind. Roofing tool. 1,642,390; Sept. 13.
 Telford, Jasper R., Peckville, assignor of forty one-hundredths to H. R. Harbottle, Scranton, Pa. Electrical connector. 1,642,345; Sept. 13.
 Thiel, Otto, Detroit, Mich., assignor to Silent Automatic Corporation. Motor-controlled valve. 1,642,391; Sept. 13.
 Thrift, Homer C., Burkburnett, Tex. Rotary. 1,642,220; Sept. 13.
 Throop, Newton A., Chicago, Ill. Vacuum cleaner. 1,642,518; Sept. 13.
 Thurston, Fred W., New York, N. Y. Mining drill. 1,642,183; Sept. 13.
 Tiedke, Hans F., Saginaw, Mich., assignor to Baker Perkins Company, Incorporated, White Plains, N. Y. Flour duster. 1,642,519; Sept. 13.

Timken Roller Bearing Company, The. (See Scribner, William L., assignor.)
 Titgen, Harry W., Philadelphia, Pa. Tumbling mill. 1,642,632; Sept. 13.
 Tomkinson, Charles C., Plainfield, N. J., assignor to J. E. Ogden, Mountainville, N. Y. Pipe hanger. 1,642,131; Sept. 13.
 Toolan, John J. (See Gollnick, P. A., and Toolan.)
 Townsend, John R., South Bend, Ind., assignor to Westinghouse Electric & Manufacturing Company. Lamp support. Des. 73,451; Sept. 13.
 Tracy, Joseph, Rutherford, N. J. Fluid dynamometer. 1,642,095; Sept. 13.
 Traylor Engineering & Manufacturing Company. (See Bernhard, Richard, assignor.)
 Tucker, C. J., Lees Summit, and L. J. Chapman, Kansas City, Mo. Apparatus for drying hay or other products. 1,642,469; Sept. 13.
 Turner, Harry A., Ferriday, La. Cross-row cotton chopper. 1,642,277; Sept. 13.
 Twigg, Phyllis M., Ventnor, England. Hat stand. Des. 1,642,568; Sept. 13.
 2-Way Window-Shade Company. (See Conner, Benjamin G., assignor.)
 Tyler, Lewis L., Tacoma, Wash. Logging system. 1,642,568; Sept. 13.
 Underwood Typewriter Company. (See Dobson, William A., assignor.)
 Underwood Typewriter Company. (See Kurowski, Alfred G. F., assignor.)
 Underwood Typewriter Company. (See Smith, Jesse A. B., assignor.)
 Union Asbestos & Rubber Company. (See Hill, Chester L., assignor.)
 Union Metal Manufacturing Company, The. (See Rastetter, Harry O., assignor.)
 Union Switch & Signal Company, The. (See Holte, Harold O., assignor.)
 Union Switch & Signal Company, The. (See Lewis, Lloyd V., assignor.)
 Union Switch & Signal Company, The. (See Nicholson, Frank H., assignor.)
 Union Switch & Signal Company, The. (See Wallace, Herbert A., assignor.)
 U. S. Bedding Company. (See Brown, Jefferson F., assignor.)
 United Shoe Machinery Corporation. (See Cosgrove, John W., assignor.)
 United Shoe Machinery Corporation. (See Estey, Arthur C., assignor.)
 United Shoe Machinery Corporation. (See Kelly, John A., assignor.)
 Urso, Frank, New York, N. Y. Combined crib and baby walking device. 1,642,184; Sept. 13.
 Uytjens, Hendricus F. H., Spaubeek, Netherlands. Change-speed gear for rotation in two directions and with direct coupling, neutral position, and brake. 1,642,846; Sept. 13.
 Vacuum Refrigerating Company. (See Batterman, John J., assignor.)
 Van Dorn Electric Tool Company, The. (See Connell, Edwin L., assignor.)
 Van Sickle, Paul A. (See Verity, W. J., and Van Sickle.)
 Vance, George E., Springfield, Ohio. Ring-wheel grinder and making same. 1,642,096; Sept. 13.
 Vanderlipp, Nathan F., Bloomfield, N. J., assignor to Wright Aeronautical Corporation. Fastener. 1,642,278; Sept. 13.
 Varaud, André, Geneva, assignor to Tavannes Watch Co. S. A., Tavannes, Bern, Switzerland. Mechanical fuse for artillery projectiles. 1,642,520; Sept. 13.
 Verity, William J., and P. A. Van Sickle, Brantford, Ontario, assignors to Massey-Harris Company, Limited, Toronto, Canada. Power lift for plows. 1,642,521; Sept. 13.
 Vernam, Gilbert S., River Edge, N. J., and D. B. Perry, Yonkers, N. Y., assignors to American Telephone and Telegraph Company. Printing-telegraph system. 1,642,048; Sept. 13.
 Villaret, Gustave E., Leonia, N. J., assignor to Scovill Manufacturing Company, Waterbury, Conn. Canopy for lighting fixtures. Des. 73,453; Sept. 13.
 Villaret, Gustave E., Leonia, N. J., assignor to Scovill Manufacturing Company, Waterbury, Conn. Bobèche for lighting fixtures. Des. 73,454; Sept. 13.
 Vittengl, Frank C. and J. A. Cedar Rapids, Iowa. Article of furniture. 1,642,633; Sept. 13.
 Vittengl, John A. (See Vittengl, Frank C. and J. A.)
 Vought, George F., Oakland, Calif., assignor to Economy Products Corporation. Corner bracket. 1,642,392; Sept. 13.
 Volcker, Milton G., Huntington, Ind. Gasoline-dispensing tank. 1,642,634; Sept. 13.
 Volkert, Charles, Jr., New Brunswick, N. J. Abdominal support and protector. 1,642,279; Sept. 13.
 Von der Horst, Frederick, Oak Park, Ill. Apparatus for and method of handling rolls. 1,641,998; Sept. 13.
 Von Haxthausen, Irmgard, Munich, Germany. Radiator ornament. Des. 73,455; Sept. 13.
 Von Haxthausen, Irmgard, Munich, Germany. Radiator ornament. Des. 73,456; Sept. 13.
 Vroom, Edward, Ossining, assignor to Western Electric Company, Incorporated, New York, N. Y. Loop antenna. 1,642,522; Sept. 13.
 Wadsworth, George H. (See Welton, P. E., and Wadsworth.)
 Wall, Harold, Salt Lake City, Utah. Aerator for flotation ore separators. 1,642,051; Sept. 13.
 Wallace, Herbert A., Edgewood Borough, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway-traffic-controlling apparatus. 1,642,052; Sept. 13.
 Walsh, Delmar A., Kansas City, Mo. Resilient wheel. 1,642,133; Sept. 13.
 Walter, Benjamin V., Omaha, Nebr. Air-hose housing. 1,642,132; Sept. 13.
 Waltz, Clarence W., Cleveland, Ohio. Shock absorber. 1,642,049; Sept. 13.
 Wardell, Henry R., assignor, by mesne assignments, to Johns-Manville Corporation, New York, N. Y. Roof. 1,642,316; Sept. 13.
 Warren, John J., Brownville, N. Y. Truing lathe for wood-pulp grinders. 1,642,053; Sept. 13.
 Wassmuth, Alfred, G. m. B. H. & Co. (See Barthel, H., and Kurth, assignors.)
 Watling, John B., Chicago, Ill. Vending machine. 1,642,134; Sept. 13.
 Weaver, Albert E., assignor, by mesne assignments, to I. T. Swartz, trustee, Indianapolis, Ind. Carburetor. 1,642,097; Sept. 13.
 Webb, Grover C., Dallas, Tex. Electromechanical door-operating device. 1,642,317; Sept. 13.
 Weber, Friedrich W., Hackensack, N. J. Treating animal tissues and products obtained therefrom. 1,642,054; Sept. 13.
 Webster, Charles B., assignor to J. K. Lanning, Fall River, Mass. Machine for covering elastic filaments. 1,642,523; Sept. 13.
 Webster, Hosea, Montclair, assignor to The Babcock & Wilcox Company, Bayonne, N. J. Heat-transfer device. 1,641,999; Sept. 13.
 Weinberg, Morris, assignor to S. Weinberg, New York, N. Y. Top spinner. 1,642,280; Sept. 13.
 Weinberg, Selma. (See Weinberg, Morris, assignor.)
 Weismann, Joseph W., Newark, N. J. Street or road cleaning apparatus. 1,642,000; Sept. 13.
 Weiss, Albert B., Kearney, N. J. Clock case or similar article. Des. 73,457; Sept. 13.
 Weiss, Albert, New York, N. Y. Auto bumper. 1,642,281; Sept. 13.
 Weiss, Howard F., assignor to C. F. Burgess Laboratories, Inc., Madison, Wis. Wall and constructing the same. 1,642,282; Sept. 13.
 Welch, Charles M., Ogden, Ark. Electrical transformer core or magnetic circuit. 1,642,470; Sept. 13.
 Welch, Charles M., Ogden, Ark. Electrical-transformer-containing case. 1,642,471; Sept. 13.
 Wellman-Seaver-Morgan Company, The. (See Case, Arthur F., assignor.)
 Welton, P. E., Engineering Company, The. (See Welton, P. E., and Wadsworth, assignors.)
 Welton, Park E., and G. H. Wadsworth, assignors to The P. E. Welton Engineering Company, Akron, Ohio. Briquetting fuel. 1,642,055; Sept. 13.
 Wentworth, Philip C., Providence, R. I. Twister traveler and making same. 1,642,472; Sept. 13.
 Wenzel, Albert W. (See Wenzel, Jacob B., assignor.)
 Wenzel, Jacob B., Bloom, Colo., assignor to A. W. Wenzel, Newark, N. J. Packing ring. 1,642,524; Sept. 13.
 Wesp, George, assignor to Rosenthal China Corporation, New York, N. Y. Plate or similar article. Des. 73,458; Sept. 13.
 Western Electric Company. (See Clausen, Henry P., assignor.)
 Western Electric Company. (See Horton, Joseph W., assignor.)
 Western Electric Company. (See Houskeeper, William G., assignor.)
 Western Electric Company. (See Jammer, Jacob S., assignor.)
 Western Electric Company. (See Porter, Leslie F., assignor.)
 Western Electric Company. (See Shea, Timothy E., assignor.)
 Western Electric Company. (See Taylor, Hugh S., assignor.)
 Western Electric Company. (See Vroom, Edward, assignor.)
 Western Electric Company. (See Wheeler, Edmund B., assignor.)
 Westgard, Anton, Chicago, Ill. Saw construction. 1,642,185; Sept. 13.
 Westinghouse Electric & Manufacturing Company. (See Butcher, C. A., and Hunt, assignors.)
 Westinghouse Electric & Manufacturing Company. (See Chubb, Lewis W., assignor.)
 Westinghouse Electric & Manufacturing Company. (See Golladay, Lawrence R., assignor.)
 Westinghouse Electric & Manufacturing Company. (See Golladay, L. R., and Smith, assignors.)
 Westinghouse Electric & Manufacturing Company. (See Hengstenberg, Paul M., assignor.)
 Westinghouse Electric & Manufacturing Company. (See Jennings, Oliver S., assignor.)
 Westinghouse Electric & Manufacturing Company. (See Johnston, Howard H., assignor.)
 Westinghouse Electric & Manufacturing Company. (See Kehoe, Arthur H., assignor.)

Westinghouse Electric and Manufacturing Company. (See Keith, Harold L., assignor.)
 Westinghouse Electric & Manufacturing Company. (See Louth, Herbert, assignor.)
 Westinghouse Electric & Manufacturing Company. (See Matthews, Howard D., assignor.)
 Westinghouse Electric & Manufacturing Company. (See Nymann, Alexander, assignor.)
 Westinghouse Electric & Manufacturing Company. (See Stepien, Joseph, assignor.)
 Westinghouse Electric & Manufacturing Company. (See Townsend, John R., assignor.)
 Westinghouse Electric & Manufacturing Company. (See White, Harold E., assignor.)
 Weston, Charles W., Pampa, Tex. Beverage-dispensing fountain. Des. 73,459; Sept. 13.
 Westphal, Christian, Berlin-Steglitz, and R. Grieger, Berlin, Germany. Building with concrete or the like and apparatus therefor. 1,642,393; Sept. 13.
 Wharton, Edward R., Medford, Mass. Foldable waterproof boat. 1,642,050; Sept. 13.
 Wheeler, Edmund B., assignor to Western Electric Company, Incorporated, New York, N. Y. Recording device. 1,642,525; Sept. 13.
 Wheeling Steel Corporation. (See Bell, William M., assignor.)
 Wheelock, Arthur C. (See Cane, G. F., and Wheelock.)
 White, Harold E., Wilkensburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Autostarter for induction motors. 1,642,001; Sept. 13.
 Whitehead, Richard H., assignor to New Haven Clock Co., New Haven, Conn. Clock case. Des. 73,460; Sept. 13.
 Wickschtröm, Jakob, Dusseldorf, Germany. Machine for manufacturing nails from wire. 1,642,597; Sept. 13.
 Widmer, Harry A., assignor of one-half to A. Lewis (Flinsbury) Limited, London, England. Fastener. 1,642,598; Sept. 13.
 Wietland, Edouard, Biel-Madretsch, Switzerland. Sewing machine for darning. 1,642,283; Sept. 13.
 Wigglesworth, Harry H., and W. P. Grelner, assignor to The Philadelphia Drying Machinery Company, Philadelphia, Pa. Drying machine. 1,642,473; Sept. 13.
 Wilkinson, Henry, and G. A. Bassett, assignors of one-third to Platt Brothers and Company Limited, Oldham, England. Pneumatic apparatus or means for conveying and treating textile fibers. 1,642,135; Sept. 13.
 Wilkinson, John B., Alliance, Ohio. Accounting system. 1,642,002; Sept. 13.
 Williams, Dick B., assignor to W. O. Coleman, Chicago, Ill. Low-fuel alarm. 1,642,318; Sept. 13.
 Williams, Harry M., and A. L. Boegehold, assignors to General Motors Research Corporation, Dayton, Ohio. Bearing. 1,642,347; Sept. 13.
 Williams, Harry M., and A. L. Boegehold, assignors to General Motors Research Corporation, Dayton, Ohio. Alloy structure. 1,642,348; Sept. 13.
 Williams, Harry M., and A. L. Boegehold, assignors to General Motors Research Corporation, Dayton, Ohio. Alloy structure. 1,642,349; Sept. 13.
 Williamson, Ruben, Miami, Fla. Body for toy wagons. Des. 73,461; Sept. 13.
 Willoughby, Thomas P., Beaverton, Oreg. Door butt gauge. 1,642,474; Sept. 13.
 Wilson, Robert A., assignor to The Gulberson Corporation, Dallas, Tex. Automatic tubing catcher for wells. 1,642,136; Sept. 13.
 Wilson, Robert A., assignor to The Gulberson Corporation, Dallas, Tex. Automatic tubing catcher for wells. 1,642,635; Sept. 13.
 Wilson, Thomas R. C., Madison, Wis., assignor, by mesne assignments, to the People of the United States. Strap for use in bending wood to form parts of curved shape. 1,642,186; Sept. 13.
 Winslow, Frederick H., and B. Reader, Aledo, Tex. Hand tool. 1,642,569; Sept. 13.
 Wissinger, Fred. (See Kernats, Gustav, assignor.)
 Witteoff, Edward, St. Louis, Mo. Harvest hat. Des. 73,462; Sept. 13.
 Wolford, Edwin Y. (See McIntosh, J., and Wolford.)
 Wood, Clarence G., Muncie, Ind. Clutch. 1,642,475; Sept. 13.
 Wood, Frank W., Montclair, N. J., assignor to Chas. Cory & Son, Incorporated, New York, N. Y. Thermostatic circuit controller. 1,642,284; Sept. 13.
 Wood, Justice W., and O. C. Glaque, Hillsdale, Mich. Electrically-heated windshield wiper. 1,642,570; Sept. 13.
 Woodward, Irving C., Syracuse, N. Y. Wheel puller. 1,642,285; Sept. 13.
 Woody, Clyde C., assignor to Madison Silo Company, Winona, Minn. Silo. 1,642,003; Sept. 13.
 World Bestos Corporation. (See Heany, John A., assignor.)
 Worthington Pump and Machinery Corporation. (See Bourne, P. P., and Nonnenbruch, assignors.)
 Wright Aeronautical Corporation. (See Vanderlipp, Nathan F., assignor.)
 Wright, George M., Chesterfield, England, assignor to Radio Corporation of America. Supplying power to thermionic valves. 1,642,526; Sept. 13.
 Wright, Sydney M., London, England. Hair-waving comb. 1,642,636; Sept. 13.
 Wright, William, assignor, by mesne assignments, to Chicago-Cleveland Car Roofing Company, Chicago, Ill. Car end. 1,642,571; Sept. 13.
 Wuerthele, Edwin J., Pittsburgh, Pa. Bowling-alley tennis. 1,642,286; Sept. 13.
 Wulf, John, Los Angeles, Calif. Clutch. 1,642,527; Sept. 13.
 Yorke, Fred. (See Smith, C., and Yorke.)
 Young, Frank G., Jr., assignor of one-fourth to A. C. Messner, Chicago, Ill. Light projector. 1,642,187; Sept. 13.
 Young, William, Carlisle, Scotland. Motor vehicle. 1,642,221; Sept. 13.
 Younghusband, James L., Chicago, Ill. Cosmetic case. 1,642,188; Sept. 13.
 Youngstown Pressed Steel Company. (See Manofsky, John, assignor.)
 Zanicolli, Hector. (See Rossiere, C. G., and Zanicolli, assignors.)
 Zeiss, Firm of Carl. (See Steinle, A., and Eppenstein, assignors.)
 Zinke, Alois, Graz, Austria, assignor, by mesne assignments, to F. Bensa, Genoa, Italy. Manufacturing dinitro perylene quinone. 1,642,263; Sept. 13.
 Zoller, Warren C., Kenosha, Wis. Cowl ventilator. 1,642,319; Sept. 13.
 Zuckerman, Roscoe C., Stockton, Calif. Gathering mechanism for onion harvesters. 1,642,287; Sept. 13.
 Zumwalt, Joseph C., Clay Center, Nebr. Disk sharpener. 1,642,004; Sept. 13.
 Zweig, Louis, Brooklyn, N. Y., assignor to Sun Rise Lamp Mfg. Co., Inc. Combined platform, lamp, and incense burner for smoking stands or similar articles. Des. 73,463; Sept. 13.
 Zyllo Ware Corporation, Inc. (See Shyer, Joseph, assignor.)

ALPHABETICAL LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 13TH DAY OF SEPTEMBER, 1927.

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice). Includes patents, reissues, and designs.

Abdominal support and protector. C. Volkert, Jr. 1,642,279; Sept. 13.
Accounting system. J. B. Wilkinson. 1,642,002; Sept. 13.
Acetylene generator. L. W. Stetner. 1,642,467; Sept. 13.
Acids. Obtaining sulpho-aromatic fatty. G. Petroff and P. Shestakoff. 1,642,595; Sept. 13.
Agricultural implement. J. Rubarth. 1,642,342; Sept. 13.
Air-cooled engine. C. F. Brockway. 1,641,960; Sept. 13.
Aircraft. K. Arnstein. 1,642,005; Sept. 13.
Airship. K. Hirtle. 1,642,026; Sept. 13.
Airship. T. B. Slate. 1,642,270; Sept. 13.
Airship, Rigid. P. Helma. 1,642,024; Sept. 13.
Airships. Power plant for. R. Liebert and W. Fischer. 1,642,036; Sept. 13.
Alarm: See—
Low-fuel alarm. Temperature-controlled alarm.
Alarm gauge. B. R. Faunce. 1,642,413; Sept. 13.
Alarm gauge. B. R. Faunce. 1,642,434; Sept. 13.
Alleys. Separating the components of. C. G. Bossiere and H. Zanfoll. 1,642,574; Sept. 13.
Alloy structure. H. M. Williams and A. L. Boegehold. 1,642,348-9; Sept. 13.
Amplifier. Voltage. T. E. Shea. 1,642,389; Sept. 13.
Anchor for crown blocks. L. A. Rawson. 1,642,170; Sept. 13.
Animal tissues and products obtained therefrom. Treating. F. W. Weber. 1,642,054; Sept. 13.
Antenna. Loop. E. Vroom. 1,642,522; Sept. 13.
Armature. V. G. Apple. 1,642,057; Sept. 13.
Artificial materials. Manufacture of. L. Lillienfeld. 1,642,588; Sept. 13.
Artillery projectiles. Mechanical fuse for. A. Varand. 1,642,520; Sept. 13.
Auger. Posthole. A. C. Coger. 1,642,647; Sept. 13.
Auto vehicles. Transmission gear for. G. O. Howeth. 1,642,609; Sept. 13.
Automobile fender. G. G. Elliott. 1,642,233; Sept. 13.
Automobile heater. W. E. Stevens. 1,642,631; Sept. 13.
Automobile wheels. Reel attachment for. F. V. Sjolander. 1,642,630; Sept. 13.
Automobiles. Direction indicator for. S. Angelo. 1,641,950; Sept. 13.
Baby-seat. Convertible. F. A. Abraham. 1,641,952-3; Sept. 13.
Back adjustment. R. H. Irvine. 1,642,150; Sept. 13.
Bag rack. J. Medlock. 1,642,619; Sept. 13.
Ball: See—
Toy ball.
Bandage. Eye. J. L. Robinson. 1,642,661; Sept. 13.
Banks and the like. Protecting. E. J. Bucknam. 1,642,641; Sept. 13.
Barber pole. R. Dixon. Des. 73,425; Sept. 13.
Base or support. Folding. S. M. Dover. 1,642,231; Sept. 13.
Basket. A. P. Smith. 1,642,181; Sept. 13.
Basket. Laundry. N. Carruth. 1,642,643; Sept. 13.
Battery binding post. L. G. Bowen. 1,642,224; Sept. 13.
Bead ring. J. Scherner. 1,642,561; Sept. 13.
Bearing. H. M. Williams and A. L. Boegehold. 1,642,347; Sept. 13.
Bearing. Automatic take-up. J. A. Anderson. 1,642,476; Sept. 13.
Bearings. Supporting frame for. R. Bernhard. 1,642,482; Sept. 13.
Bed. M. E. Ramsey. 1,641,991; Sept. 13.
Bedpan. S. Lowenstein. 1,642,255; Sept. 13.
Beverage-dispensing fountain. C. W. Weston. Des. 73,459; Sept. 13.
Bimetallic element. W. M. Chace. 1,642,485; Sept. 13.
Blasting-bore closure. W. Lindner. 1,642,118; Sept. 13.
Bleeder. A. Boyd. 1,642,535; Sept. 13.
Blubber-skin implement. E. C. Norton. 1,642,625; Sept. 13.
Boiler: See—
Ham boiler.
Bolt nutting and automatic chucking apparatus and method. E. A. Mellnow. 1,642,379; Sept. 13.
Book sander. W. E. Reavis. 1,642,171; Sept. 13.
Boot. Foldable waterproof. E. R. Wharton. 1,642,050; Sept. 13.
Bottle. G. Dunalme. Des. 73,428; Sept. 13.
Bottle top. Combined cap remover and milk. F. Balcerzak. 1,642,396; Sept. 13.

Box: See—
Mail box. Oilstone box.
Match box. Outlet box.
Box. G. K. Henderson. 1,641,969; Sept. 13.
Box. J. G. Huye. 1,641,974; Sept. 13.
Box. F. J. Schleicher. Des. 73,445; Sept. 13.
Box-covering machine. G. E. Gooding. 1,642,067; Sept. 13.
Box or case. Luncheon or picnic. W. F. May. 1,642,374; Sept. 13.
Bracket: See—
Corner bracket.
Bracket. J. Alsasser. 1,642,352; Sept. 13.
Brake-beam support. A. C. Moore. 1,642,080; Sept. 13.
Brake-operating means. W. W. White. 1,642,056; Sept. 13.
Brake shoe. F. D. Reynolds. 1,642,558; Sept. 13.
Braking and steering mechanism. A. Y. Dodge. 1,642,063; Sept. 13.
Broaching machine. J. L. Perkins and H. D. Croft. 1,642,593; Sept. 13.
Broiler. R. T. Hosking. 1,642,071; Sept. 13.
Brush. Tooth and massage. R. M. Sheetz. 1,642,465; Sept. 13.
Building with concrete, or the like, and apparatus therefor. C. Westphal and R. Grieger. 1,642,393; Sept. 13.
Bumper. Auto. A. Weiss. 1,642,281; Sept. 13.
Burner: See—
Gas burner.
Burner grid and making the same. F. V. Risinger. 1,642,426; Sept. 13.
Cabinet. Sales-display. J. Sorensen. 1,642,466; Sept. 13.
Cable joint. D. M. Simons. 1,642,514; Sept. 13.
Cable-joint structure. D. M. Simons. 1,642,515; Sept. 13.
Cable splicing. L. S. Burgett. 1,642,484; Sept. 13.
Cable squeezer. H. D. Robinson. 1,642,508; Sept. 13.
Cable-supporting clamp. H. Hinzler. 1,642,243; Sept. 13.
Cameras. All-metal telescopic box for. A. H. Gabel. 1,642,651; Sept. 13.
Can and opener. Combined. G. A. Bardet and W. E. Burns. 1,642,478; Sept. 13.
Can-body blank. F. Rudolph. 1,642,174; Sept. 13.
Can-body-making machine. J. F. Peters. 1,642,169; Sept. 13.
Can opener. H. Bruneau. 1,641,961; Sept. 13.
Car and track therefor. Coaster. W. H. Strickler. 1,642,276; Sept. 13.
Car axle. Differentiating mine. W. L. Scribner. 1,642,513; Sept. 13.
Car-brake device. J. McMullen. 1,641,983; Sept. 13.
Car construction. L. N. Miller. 1,642,504; Sept. 13.
Car end. W. Wright. 1,642,571; Sept. 13.
Carboy package. H. H. Jones. 1,642,072; Sept. 13.
Carburetor. H. A. Finkle. 1,642,065; Sept. 13.
Carburetor. F. C. Mock, C. J. Gustafson, and M. E. Chandler. 1,642,378; Sept. 13.
Carburetor. A. E. Weaver. 1,642,097; Sept. 13.
Carburetor. Venturi for. C. Carlsson. 1,642,332; Sept. 13.
Carding machines. Waste collector for. J. F. Fliedner. 1,642,235; Sept. 13.
Carrier: See—
Shawl carrier. Tire carrier.
Cartridge-reloading machine. E. P. Spencer. 1,642,344; Sept. 13.
Cartridge. Safety blasting. P. T. McLaughlin and W. Anderson. 1,642,341; Sept. 13.
Case: See—
Containing case. Shipping case.
Cosmetic case. Vanity case.
Case holder. W. H. Lester. 1,642,161; Sept. 13.
Casket-lowering device. V. Phenix. 1,641,990; Sept. 13.
Cellulose compound and making same. L. Lillienfeld. 1,642,587; Sept. 13.
Cellulose derivatives. Treatment of. G. H. Ellis. 1,641,965; Sept. 13.
Centrifugal apparatus and process for continuously separating liquids from solids. H. C. Behr. 1,642,662; Sept. 13.
Chain. Sprocket. J. S. Orr. 1,642,459; Sept. 13.
Chair: See—
Dental chair. Folding chair.
Check book. S. J. Halperin. 1,642,439; Sept. 13.
Choker hook. G. Nelson. 1,642,622; Sept. 13.

ALPHABETICAL LIST OF INVENTIONS.

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Chopper: See—
Cotton chopper.
Chute lock. Railway-dump-car. R. E. Cartzdafner. 1,642,578; Sept. 13.
Clamp: See—
Cable-supporting clamp.
Cleaner: See—
Vacuum cleaner.
Cleaning and polishing apparatus. Mold. G. B. Arduer. 1,642,289; Sept. 13.
Cleaning bottles. C. H. Loew. 1,642,419; Sept. 13.
Clipper. Hair. V. Beauregard. 1,642,532; Sept. 13.
Clock case. R. H. Whitehead. Des. 73,460; Sept. 13.
Clock case or similar article. A. B. Weiss. Des. 73,457; Sept. 13.
Closure cap. L. R. N. Carvalho. 1,642,010; Sept. 13.
Cloth-treating process. C. H. Crowell. 1,642,360; Sept. 13.
Clutch. H. D. Campbell. 1,642,298; Sept. 13.
Clutch. J. F. Gaylord. 1,642,107; Sept. 13.
Clutch. C. G. Wood. 1,642,475; Sept. 13.
Clutch. J. Wulf. 1,642,527; Sept. 13.
Clutch device. A. de Joutte. 1,642,606; Sept. 13.
Clutch mechanism. J. C. Carlton. 1,642,642; Sept. 13.
Coal drill. J. Avbelj. 1,642,355; Sept. 13.
Coaster-track structure. W. H. Strickler. 1,642,275; Sept. 13.
Coating. Machine for deposition of. R. G. Fordyce. 1,642,607; Sept. 13.
Coll-forming machine. L. A. Cole. 1,642,229; Sept. 13.
Collar. L. H. Gilmer. 1,642,544; Sept. 13.
Comb: See—
Hair-retaining comb. Hair-waving comb.
Concrete blocks. Molding device for making. R. Krause. 1,642,247; Sept. 13.
Concrete-column forms. Clamp for. H. O. McMillan. Re16,736; Sept. 13.
Condenser. Surface. J. F. Kirgan. 1,642,113; Sept. 13.
Conduit construction. J. B. Fichtner and H. H. Crouch. 1,642,146; Sept. 13.
Container. Dispensing. W. H. G. Genke. 1,642,108; Sept. 13.
Container. Folding. I. Appelbaum. 1,642,529; Sept. 13.
Control system. H. H. Johnston. 1,642,028; Sept. 13.
Control system. H. L. Keith. 1,642,032; Sept. 13.
Controlling device. J. O. Carrey. 1,642,141; Sept. 13.
Cooker and mixer. Combined. A. Jacobson. 1,642,445; Sept. 13.
Cooking appliance. G. H. Cox. 1,642,604; Sept. 13.
Copper-arsenic dust. G. E. Sanders. 1,642,511; Sept. 13.
Cored articles of hard rubber and the like. Making irregularly. A. E. Sidel and E. C. F. Hartmann. 1,642,664; Sept. 13.
Corner bracket. G. E. Voight. 1,642,392; Sept. 13.
Corset. W. R. Brock. 1,642,195; Sept. 13.
Cosmetic case. J. L. Younghusband. 1,642,188; Sept. 13.
Costume slip. L. Conyers. 1,642,300; Sept. 13.
Cotton batting and making the same. E. A. Rogers. 1,642,509; Sept. 13.
Cotton, chopper. Cross-row. H. A. Turner. 1,642,277; Sept. 13.
Cowl ventilator. W. C. Zoller. 1,642,319; Sept. 13.
Crib and baby walking device. Combined. F. Urso. 1,642,184; Sept. 13.
Cross arm. B. F. Hosford. 1,642,025; Sept. 13.
Curler rod. Hair-waving. W. S. Lewis. 1,642,450; Sept. 13.
Currents. Inductive limiting device for alternating. F. Raimond. 1,642,343; Sept. 13.
Cutter. G. Kernats. 1,642,372; Sept. 13.
Cycle and similar lamp brackets. Locking device for. W. H. Brecknell. 1,642,297; Sept. 13.
Cylindrical drier. C. H. Crowell. 1,642,361; Sept. 13.
Dental chair. A. J. May. 1,642,258; Sept. 13.
Dental light. J. A. Hand and C. R. Pelton. 1,642,367; Sept. 13.
Device for putting permanent waves in hair. J. D. Langdon. 1,642,251; Sept. 13.
Dike or revetment. A. W. Farney. 1,641,966; Sept. 13.
Dinitro perylene quinone. Manufacturing. A. Zinke. 1,642,263; Sept. 13.
Di-para-xylylguanidine. W. Scott. 1,642,180; Sept. 13.
Dipper-front construction. W. M. Bager, W. Lehman, and F. C. Rubloff. 1,642,191; Sept. 13.
Dispensing apparatus. C. G. Hall. 1,642,200; Sept. 13.
Dispensing apparatus. H. A. Niven. 1,642,623; Sept. 13.
Display device. S. N. Hope. 1,642,497; Sept. 13.
Display holder. T. J. Rabitzer. 1,642,086; Sept. 13.
Dog shield. B. F. Piola. 1,642,310; Sept. 13.
Door-butt gauge. T. P. Willoughby. 1,642,474; Sept. 13.
Door catch. G. A. Moon. 1,642,167; Sept. 13.
Door catch and holder. M. D. Hilfinger. 1,642,203; Sept. 13.
Door-frame anchor. H. Scarth. 1,642,175; Sept. 13.
Door latches or the like. Handle for. G. Graff. Des. 73,429; Sept. 13.
Door. Metal. J. O. Nyman. 1,642,553; Sept. 13.
Door-operating device. Electromechanical. G. C. Webb. 1,642,317; Sept. 13.
Door. Dwelling inclinator. H. F. Fisher. 1,642,365; Sept. 13.
Doors. Latch device for refrigerator. T. O. Schrader. 1,642,512; Sept. 13.
Doors. Lock for hotel-guest-room. E. S. B. Smith. 1,642,313; Sept. 13.

Draw works. M. B. Davis. 1,642,230; Sept. 13.
Drier: See—
Cylindrical drier.
Driers. Air baffle for. F. Kershaw and A. O. Hurxthal. 1,642,446; Sept. 13.
Drill: See—
Coal drill. Mining drill.
Drilling apparatus. Deep-well rotary. C. E. Reed. 1,642,463; Sept. 13.
Drilling. Core bit and plug for. W. L. Acker. 1,642,572; Sept. 13.
Drinking fountains. Cooling device for. C. W. Carter. 1,642,228; Sept. 13.
Driving device. Unidirectional. G. Constantinesco. 1,642,645; Sept. 13.
Drum bolts. Parting flange for. J. C. Fairbank. 1,642,106; Sept. 13.
Drying hay or other products. Apparatus for. C. J. Tucker and L. J. Chapman. 1,642,469; Sept. 13.
Drying machine. H. H. Wigglesworth and W. P. Greiner. 1,642,473; Sept. 13.
Dust. Apparatus for applying. G. J. Mead. 1,642,551; Sept. 13.
Duster. Flour. H. F. Tiedke. 1,642,519; Sept. 13.
Dynamometer. Fluid. J. Tracy. 1,642,095; Sept. 13.
Eaves-trough elbow. M. Rachlin. 1,642,556; Sept. 13.
Elastic filament. Machine for covering. C. B. Webster. 1,642,523; Sept. 13.
Electric air heater. W. W. Hicks. Des. 73,432-3; Sept. 13.
Electric apparatus. Control of. M. Buchholz. 1,642,400; Sept. 13.
Electric apparatus. Controlling. M. Buchholz. 1,642,398; Sept. 13.
Electric apparatus. Controlling liquid-insulated. M. Buchholz. 1,642,399; Sept. 13.
Electric apparatus. Protection of. M. Buchholz. 1,642,402; Sept. 13.
Electric apparatus. Protecting liquid-insulated. M. Buchholz. 1,642,397; Sept. 13.
Electric apparatus. System of protection of. M. Buchholz. 1,642,406; Sept. 13.
Electric condenser. Variable. F. R. Machin. 1,641,979; Sept. 13.
Electric furnace. D. Croese. 1,642,359; Sept. 13.
Electric heater. F. H. McCormick. Des. 73,439; Sept. 13.
Electric heater. Champ-on. P. L. Fowler. 1,642,197; Sept. 13.
Electric-light bulbs. Mask for. E. G. Chase. 1,642,646; Sept. 13.
Electric protective system. M. Buchholz. 1,642,405; Sept. 13.
Electric switch. E. L. Connell Re16,737; Sept. 13.
Electric switch. E. G. K. Anderson. 1,642,528; Sept. 13.
Electric switches. Blow-out arrangement for. F. D. H. Bremner. 1,642,227; Sept. 13.
Electric transmission system. E. Granat. 1,642,438; Sept. 13.
Electrical binding terminal. J. L. Polk. 1,642,042; Sept. 13.
Electrical coil. H. P. Clausen. 1,642,488; Sept. 13.
Electrical connector. J. B. Telford. 1,642,345; Sept. 13.
Electrical distribution and control. System of. C. F. Kettering and W. A. Chryst. 1,642,034; Sept. 13.
Electrical distribution system. A. H. Kehoe. 1,642,031; Sept. 13.
Electrical T connector. B. Dübner. 1,642,491-2; Sept. 13.
Electrical-transformer-containing case. C. M. Welch. 1,642,471; Sept. 13.
Electrical-transformer core or magnetic circuit. C. M. Welch. 1,642,470; Sept. 13.
Electrically exhibiting a danger signal on a locomotive. Device for. H. Jacoby. 1,642,303; Sept. 13.
Electrode-feeding means. G. A. Lovett. 1,642,452; Sept. 13.
Electromagnetically-operated device. C. D. Almsworth. 1,642,288; Sept. 13.
Electron-discharge device. W. G. Houskeeper. 1,642,498; Sept. 13.
Electron metal. Production of a weather proof oxide layer on. W. Ploper. 1,642,309; Sept. 13.
Embroidered lace medallion. H. Schwarber. Des. 73,447; Sept. 13.
Engine: See—
Air-cooled engine. Oil engine.
Internal-combustion engine. Two-cycle engine.
Engine. H. R. Shoopman and S. Shindo. 1,642,217; Sept. 13.
Engine. Piston. Internal-combustion. J. Fabian. 1,642,432; Sept. 13.
Engine starters and the like. Gear-shifting mechanism for. V. C. Hodges. 1,642,109; Sept. 13.
Engines. Apparatus for supplying combustible mixture to internal-combustion. O. Ebersbach. 1,641,904; Sept. 13.
Engines. Fuel-feed apparatus for internal-combustion. R. Crain. 1,642,579; Sept. 13.
Engines. Removable lining shell for Jordan. A. L. R. Bolton. 1,642,327; Sept. 13.
Engines. Valve mechanism for internal-combustion. R. C. Knowles. 1,642,156; Sept. 13.
Engraving machine. E. Pomplum and W. Jennerjahn. 1,642,555; Sept. 13.

Envelope, T. H. Krueger, 1,642,116; Sept. 13.
 Excavating machinery, Dipper for, W. M. Bager, W. Lehman, and F. C. Ruhloff, 1,642,189; Sept. 13.
 Fabric-spreading apparatus, F. Hinckens, 1,642,496; Sept. 13.
 Fan, J. C. Hoesch, 1,642,205; Sept. 13.
 Fastener, H. T. Eastin, 1,642,105; Sept. 13.
 Fastener, N. F. Vanderlipp, 1,642,278; Sept. 13.
 Fastener, H. A. Wildmer, 1,642,598; Sept. 13.
 Fasteners, Setting members of separable, J. Draber and A. J. Krieger, 1,642,411; Sept. 13.
 Fastening-inserting machine, J. W. Cosgrove, 1,642,014; Sept. 13.
 Faucet, J. Clinton, 1,642,101; Sept. 13.
 Faucets or the like, Indicating means for, F. Pilkington, 1,642,264; Sept. 13.
 Fender: See—
 Automobile fender.
 Films, Projection of cinematograph, G. B. Bowell, 1,642,599; Sept. 13.
 Fire boxes, Baffle plate for boiler, C. E. Johnson, 1,642,371; Sept. 13.
 Fire extinguisher, E. Halikman, 1,642,608; Sept. 13.
 Fish head and entrails removing means, O. Hovden, 1,642,442; Sept. 13.
 Fish-positioning means, O. Hovden, 1,642,444; Sept. 13.
 Fish-segregating mechanism, O. Hovden, 1,642,443; Sept. 13.
 Fishing and hunting otter, J. Hansen, 1,642,582; Sept. 13.
 Flashing, E. R. McCaffrey, 1,642,165; Sept. 13.
 Flashings, Making, E. R. McCaffrey, 1,642,166; Sept. 13.
 Float, W. J. Haynes, 1,642,149; Sept. 13.
 Floor construction, C. J. Beckwith, 1,642,324; Sept. 13.
 Floor grating, P. L. Price, Des. 73,440; Sept. 13.
 Floor polisher, W. A. and H. A. Hoe, 1,642,440; Sept. 13.
 Flusher, Automatic sewer, C. R. Lion, 1,642,659; Sept. 13.
 Folding chair, O. Anderson, 1,642,477; Sept. 13.
 Food product, A. K. Balls, 1,642,520; Sept. 13.
 Foot rest, H. Borgmann, 1,642,328; Sept. 13.
 Footwear, Apparatus for the manufacture of rubber-soled, C. H. R. Collins, 1,642,013; Sept. 13.
 Forging machine, F. A. Halleck, 1,642,201; Sept. 13.
 Frame: See—
 Hoist and tilting frame.
 Frequency meter, J. W. Horton, 1,641,973; Sept. 13.
 Fruit picking and thinning device, D. E. Richardson, 1,642,311; Sept. 13.
 Fuel, Briquetting, P. E. Welton and G. H. Wadsworth, 1,642,055; Sept. 13.
 Fungicide containing copper and making the same, J. D. Jenkins and E. F. Berger, 1,642,370; Sept. 13.
 Fur skins, Spreading and stretching device for the treatment of, R. Paquet, 1,642,214; Sept. 13.
 Furnace: See—
 Electric furnace. Metal furnace.
 Hot-water furnace.
 Furnace, I. W. Foltz, 1,642,019; Sept. 13.
 Furnace adapted for the heating and the unwinding of rolls of wire, A. F. Jacquemin, 1,642,613; Sept. 13.
 Furnace circuit, High-frequency, F. Gerth and W. Elscher, 1,642,198; Sept. 13.
 Furnace-door fastener, H. W. Morrell, 1,642,621; Sept. 13.
 Furnaces, Baffle wall for, M. Lipiak, 1,642,254; Sept. 13.
 Furniture, Article of, F. C. and J. A. Vlttengl, 1,642,633; Sept. 13.
 Fuse, Safety, G. Y. Tange, 1,642,567; Sept. 13.
 Game apparatus, C. G. Littlefield, 1,642,119; Sept. 13.
 Game apparatus, Baseball, L. E. Stewart, 1,642,093; Sept. 13.
 Game-scoring device, L. Ottinger, 1,642,382; Sept. 13.
 Garments, Varying the size of, M. Paley, 1,642,627; Sept. 13.
 Garter shield, Z. J. Kegl, 1,642,030; Sept. 13.
 Gas burner, W. W. Kemp, 1,642,153-4; Sept. 13.
 Gas cock, Automatic safety, J. Balthasar and H. Gentz, 1,642,007; Sept. 13.
 Gas heater, L. Clug-Mars, 1,642,540; Sept. 13.
 Gas heater, W. Kennedy, 1,642,111; Sept. 13.
 Gasoline-dispensing tank, M. G. Volcker, 1,642,634; Sept. 13.
 Gate: See—
 Hydraulic gate.
 Gates, Automatic latch mechanism for, E. A. Bigler, 1,642,534; Sept. 13.
 Gauge: See—
 Alarm gauge. Liquid-level gauge.
 Door-butt gauge. Pressure gauge.
 Gear-tooth gauge.
 Gear for rotation in two directions and with direct coupling, neutral position, and brake, Change-speed, H. F. H. Uytjens, 1,642,346; Sept. 13.
 Gear-generating machine, C. G. Olson, 1,642,554; Sept. 13.
 Gear teeth, Finishing, C. H. Schurr, 1,642,179; Sept. 13.
 Gear-tooth gauge, J. A. McIntosh, 1,642,077; Sept. 13.
 Gear, Valve, M. Buchler, 1,642,538; Sept. 13.
 Gearling, F. Mathews, 1,642,120; Sept. 13.
 Gears, Locomotive power-reverse, T. A. Bauning, Jr., 1,642,193; Sept. 13.

Gears, Making and structure of, J. W. Fulper, 1,641,967; Sept. 13.
 Generator: See—
 Acetylene generator. Superadjustable generator.
 Steam generator.
 Glass shield, F. C. Ryder, 1,642,045; Sept. 13.
 Glass bowl or globe, Illuminating, N. Kopp, Des. 73,437; Sept. 13.
 Glass decorating, O. Hommel, 1,642,441; Sept. 13.
 Glass-manufacturing machine and method, P. Schoonenberg, 1,642,312; Sept. 13.
 Glass pressing and blowing machine, F. O'Neill, 1,642,660; Sept. 13.
 Glassworking apparatus, T. C. Steimer, 1,642,430; Sept. 13.
 Glassworking machine, M. K. Holmes, 1,642,658; Sept. 13.
 Glove, Work, R. C. Pallick, 1,642,128; Sept. 13.
 Golf-bag top, H. V. Ran, 1,642,043; Sept. 13.
 Golf club, W. F. Reach, 1,642,462; Sept. 13.
 Golf clubs or the like, Shaft for, D. F. Boyden, 1,642,294; Sept. 13.
 Grain separator, F. Bunse, 1,642,331; Sept. 13.
 Grinder and making same, Ring wheel, G. E. Vance, 1,642,090; Sept. 13.
 Grinder, Harrow, H. F. Hanson, 1,642,583; Sept. 13.
 Grinders, Turning lathe for wood-pulp, J. J. Warren, 1,642,053; Sept. 13.
 Hair-retaining comb, P. Eagle, 1,642,364; Sept. 13.
 Hair-waving comb, S. M. Wright, 1,642,636; Sept. 13.
 Ham boiler, O. M. Otto, 1,642,168; Sept. 13.
 Hammer, Power, F. Schellerer, 1,642,560; Sept. 13.
 Handle: See—
 Tool handle.
 Handles to client plates, Apparatus for attaching, H. Miller, 1,642,458; Sept. 13.
 Hanger: See—
 Pipe hanger.
 Harvest hat, E. Witteoff, Des. 73,462; Sept. 13.
 Harvesters, Gathering mechanism for onion, R. C. Zuckerman, 1,642,287; Sept. 13.
 Hat stand, P. M. Twigg, Des. 73,452; Sept. 13.
 Headlight, C. L. Lawton, 1,642,160; Sept. 13.
 Headlight, Nonflare road and car illuminating, W. D. Baker, 1,642,190; Sept. 13.
 Heat exchanger with self-draining tube surface, R. C. Jones, 1,641,975; Sept. 13.
 Heat-transfer device, H. Webster, 1,641,999; Sept. 13.
 Heater: See—
 Automobile heater. Hot-water heater.
 Electric heater. Vehicle heater.
 Gas heater.
 Hot-air and hot-water heater.
 Heating attachment, A. W. Becker, 1,642,292; Sept. 13.
 Heating element and making the same, V. A. Boker, 1,642,223; Sept. 13.
 Heel-seat-fitting machine, J. A. Kelly, 1,642,033; Sept. 13.
 Hinge for automobile seats, F. L. Buckner, 1,642,226; Sept. 13.
 Hoist and tilting frame, Oil-drum, H. A. Nichols, 1,641,955; Sept. 13.
 Hoisting device, J. Owen, 1,642,383; Sept. 13.
 Hoists and the like, Safety means for, C. E. Bledsoe, 1,641,957; Sept. 13.
 Hook: See—
 Choker hook.
 Hook or bracket, Adjustable, H. B. Schutten, 1,642,428; Sept. 13.
 Horse collar, W. S. Rogers, 1,642,427; Sept. 13.
 Horse housing, Air, B. V. Walter, 1,642,132; Sept. 13.
 Hot-air and hot-water heater, Combined, R. B. Choiniski, 1,642,539; Sept. 13.
 Hot-water furnace, J. A. Burkman, 1,642,600; Sept. 13.
 Hot-water heater, J. A. Susong, 1,641,997; Sept. 13.
 House number and porch light, J. C. Clemons, 1,642,644; Sept. 13.
 Hydraulic gate, W. S. Lee, R. Pfachler, and D. Nabow, 1,642,253; Sept. 13.
 Hygroscopic substances, Apparatus for testing, F. T. Carson, 1,642,577; Sept. 13.
 Impregnating and vulcanizing process, D. E. Hennessy, 1,642,546; Sept. 13.
 Incinerator, E. D. Lewis, 1,642,586; Sept. 13.
 Incubator egg tray, F. Becker, Jr., 1,642,323; Sept. 13.
 Indicator: See—
 Speed indicator.
 Indicator for moving bodies, Direction, T. Rosenbaum, 1,642,087; Sept. 13.
 Inductor-type frequency changer, A. Nyman, 1,642,041; Sept. 13.
 Inking pads, Making, P. A. Gollnick and J. J. Toolan, 1,642,199; Sept. 13.
 Inlaid work of curved formation and producing the same, F. H. Auld, 1,641,955; Sept. 13.
 Inner tubes, Apparatus for unwrapping and stripping, T. J. Smith, 1,642,566; Sept. 13.
 Insect exterminator, J. T. Monte, 1,642,306; Sept. 13.
 Insule, Ventilated, G. M. Peabody, 1,642,308; Sept. 13.
 Insulated electric apparatus, Control of liquid, M. Buchholz, 1,642,401; Sept. 13.
 Insulated electric apparatus, Protecting liquid, M. Buchholz, 1,642,408; Sept. 13.

Insulated electric apparatus, Protection of liquid, M. Buchholz, 1,642,403; Sept. 13.
 Insulated electric apparatus, Protective system for liquid, M. Buchholz, 1,642,404; Sept. 13.
 Insulated electric apparatus, System of protection of liquid, M. Buchholz, 1,642,407; Sept. 13.
 Insulating tape, Heat, C. L. Hill, 1,642,204; Sept. 13.
 Internal-combustion engine, F. P. Bourne and O. Nonnenbruch, 1,642,293; Sept. 13.
 Internal-combustion engine, W. L. Hartzell, 1,642,494; Sept. 13.
 Ironing machine, H. Louth, 1,642,038; Sept. 13.
 Jack plug, H. O. Engstrom, 1,642,064; Sept. 13.
 Jar-molding machine, W. Lewis, 1,642,074; Sept. 13.
 Jar or similar container, E. Haslett, Des. 73,430; Sept. 13.
 Joint: See—
 Cable joint.
 Joint for wires and wire ropes, A. Stecke, 1,642,314; Sept. 13.
 Kettle, Popping, T. V. Barnard, 1,642,531; Sept. 13.
 Label tape, Operating upon, J. M. Reis, 1,642,387; Sept. 13.
 Labels, Apparatus for operating upon, J. M. Reis and E. F. Businger, 1,642,386; Sept. 13.
 Lamp and loud speaker, Combination, T. Doyle, Des. 73,427; Sept. 13.
 Lamp and smoking stand, Combination standard and tray for a combined floor, E. Schultz, Des. 73,446; Sept. 13.
 Lamp construction, H. C. Foster, 1,642,435; Sept. 13.
 Lamp shade, E. K. Maerz, Des. 73,438; Sept. 13.
 Lamp standard, H. O. Rastetter, Des. 73,442; Sept. 13.
 Lamp support, J. R. Townsend, Des. 73,451; Sept. 13.
 Lantern, H. Rosenfeld, Des. 73,444; Sept. 13.
 Lap machine, L. Schorsch, 1,642,178; Sept. 13.
 Latch and lock mechanism, J. Knell, 1,642,501; Sept. 13.
 Latch, Door, C. Haaberg, 1,642,612; Sept. 13.
 Latch handles, Mounting for, L. Ottinger, 1,641,988; Sept. 13.
 Lavatory fixture, H. MacMillan, 1,642,256; Sept. 13.
 Lead dress, Treating, O. P. Chisholm, 1,642,358; Sept. 13.
 Lead-in connection, E. N. Maupin, 1,642,618; Sept. 13.
 Leather, Artificial, R. K. Abbott, 1,642,334; Sept. 13.
 Lifting car dumper, A. F. Case, 1,642,357; Sept. 13.
 Light: See—
 Dental light. Wall light.
 House number and porch light.
 Light projector, F. G. Young, Jr., 1,642,187; Sept. 13.
 Lighting device, O. J. Lebus, 1,642,373; Sept. 13.
 Lighting fixture, R. W. Schweiker, 1,642,429; Sept. 13.
 Lighting-fixture ornament, Gothic-effect, H. R. Holdeman, Des. 73,434; Sept. 13.
 Lighting-fixture ornament, Italian-effect, H. R. Holdeman, Des. 73,435; Sept. 13.
 Lighting-fixture plate, Italian effect, H. R. Holdeman, Des. 73,436; Sept. 13.
 Lighting fixtures, Bobèche for, G. E. Villaret, Des. 73,454; Sept. 13.
 Lighting fixtures, Canopy for, G. E. Villaret, Des. 73,453; Sept. 13.
 Lightning arrester, L. R. Golladay and I. R. Smith, 1,642,240; Sept. 13.
 Lightning arrester, Indicating device for, L. R. Golladay, 1,642,239; Sept. 13.
 Liner safety, Automatic, B. A. Mills, 1,642,590; Sept. 13.
 Liner, Track, C. A. Disbrow, 1,642,334; Sept. 13.
 Link, Detachable, A. H. Beck and E. S. Mix, 1,642,322; Sept. 13.
 Link, Elastic, G. Constantinesco, 1,642,602; Sept. 13.
 Links or similar articles, Machine for making, J. H. Appleton and F. H. Kriz, 1,641,951; Sept. 13.
 Liquid, Device for reducing the energy of flow of a flowing, H. Barthel and P. Kurth, 1,642,479; Sept. 13.
 Liquid-distributing apparatus, F. Gouyon, 1,642,302; Sept. 13.
 Liquid-level gauge, J. W. Hull, 1,642,656; Sept. 13.
 Liquid purifier, R. D. Fagan, 1,642,433; Sept. 13.
 List-removing apparatus, H. B. Lundquist, 1,641,978; Sept. 13.
 Lock: See—
 Chute lock. Transmission lock.
 Tire lock.
 Lock, A. L. Beard, 1,642,480; Sept. 13.
 Lock, J. B. Bleco, 1,642,325-6; Sept. 13.
 Lock-roofing-forming machine, J. and H. Fulenwider, E. W. Robinson, and H. Norris, 1,642,050; Sept. 13.
 Locks, Casing for, S. Segal, 1,642,047; Sept. 13.
 Locking device, End-gate, J. S. Bower, 1,642,059; Sept. 13.
 Locomotives, Axle and driving wheel for, W. J. Daly, 1,642,409-10; Sept. 13.
 Logging system, L. L. Tyler, 1,642,568; Sept. 13.
 Loom for weaving with pile wires, J. Keppeler, 1,642,112; Sept. 13.
 Loom, Power weaving, F. Eilbauer, 1,642,335; Sept. 13.
 Looms, Bobbin for, J. Lucas, 1,642,503; Sept. 13.
 Looms, Cutting attachment for, R. Marx, 1,642,423; Sept. 13.
 Looms, Picker for weaving, P. Pennartz, 1,642,262; Sept. 13.
 Low-fuel alarm, D. B. Williams, 1,642,318; Sept. 13.

Machine for placing, pressing, and drying end caps on paper rolls, W. Ljungström, 1,642,340; Sept. 13.
 Machines with printing or feeling mechanisms, Locking device for the drive of, A. Bessler, 1,642,009; Sept. 13.
 Mail box, J. C. Beer, 1,642,533; Sept. 13.
 Manometer, W. Lommel, 1,642,615; Sept. 13.
 Map, Highway, I. H. Erb, 1,642,580; Sept. 13.
 Marking machine, Linen, H. J. F. Richter and J. J. Burckhauser, 1,642,172; Sept. 13.
 Match box, J. Ranklin, 1,642,629; Sept. 13.
 Mattress, Nonstretchable, D. L. Reynolds, 1,642,557; Sept. 13.
 Mattress-suspending means, G. F. Cane and A. C. Wheelock, 1,642,140; Sept. 13.
 Measuring instrument, Electrical, R. Simpson, 1,642,516; Sept. 13.
 Medication of the oral cavity, Soluble strip for local, A. D. Goldstein, 1,642,633; Sept. 13.
 Memorization device, J. E. McDade, 1,641,982; Sept. 13.
 Metal bars, Apparatus for cooling and annealing, J. R. George, 1,642,437; Sept. 13.
 Metal furnace, W. Alderice, 1,642,351; Sept. 13.
 Metallic drums, Fastening for the covers of, W. M. Bell, 1,642,481; Sept. 13.
 Meter: See—
 Frequency meter.
 Microphones, Constant-current device for glow-discharge, J. Sieplau, 1,642,091; Sept. 13.
 Mill: See—
 Tumbling mill.
 Mine prop, Reinforced, M. J. Conway, 1,642,603; Sept. 13.
 Mines, Hoisting system for, K. Küppers, 1,642,585; Sept. 13.
 Mining drill, F. W. Thurston, 1,642,183; Sept. 13.
 Mold: See—
 Wall mold.
 Mold, G. I. Smith, 1,642,564; Sept. 13.
 Mop, A. C. Kootz, 1,642,115; Sept. 13.
 Motion-recording apparatus, A. Kirner, 1,642,114; Sept. 13.
 Motor, Autostarter for induction, H. E. White, 1,642,001; Sept. 13.
 Motor casing, Vented, R. F. Page, 1,642,083; Sept. 13.
 Motor-cycles, Foot accelerator for, D. McDougall, 1,642,376; Sept. 13.
 Motor-driven shears, D. F. Morse, 1,642,259; Sept. 13.
 Motor stop, Automatic, A. N. Swinney, 1,642,315; Sept. 13.
 Mouse trap, G. A. Jones, 1,642,151; Sept. 13.
 Moving material, Apparatus for slitting continuously, T. B. Munroe, 1,642,081; Sept. 13.
 Mowers, Extension guard for, J. T. Kamp, 1,642,246; Sept. 13.
 Napkin and folding same, Folded, P. J. Christman, 1,642,487; Sept. 13.
 Nitrogen-containing products, Manufacture of, M. Kahn, 1,642,209; Sept. 13.
 Nozzle, Fuel-injecting, C. F. Sjöman and C. G. Pettersson, 1,642,269; Sept. 13.
 Oil engine, O. A. Banner, 1,642,137; Sept. 13.
 Oilstone box, G. S. Gruber, 1,642,654; Sept. 13.
 Oil wells, Working barrel for, A. H. Carnes and R. M. Marr, 1,642,061; Sept. 13.
 Ophthalmic mounting, J. Shyer, 1,642,090; Sept. 13.
 Ore-sampling machine, O. H. Gray and C. E. Murdock, 1,642,337; Sept. 13.
 Ore separators, Aerator for flotation, H. Wall, 1,642,051; Sept. 13.
 Ornamental or effect materials, Manufacture of, W. A. Dinkle and J. H. Rooney, 1,641,962; Sept. 13.
 Outlet box, H. R. Cook, 1,642,142; Sept. 13.
 Overshoe and making same, G. L. Lawrence, Jr., 1,642,305; Sept. 13.
 Packer, H. R. Standlee, 1,642,273; Sept. 13.
 Packing, Manufacture of metallic, M. M. Cody, 1,642,431; Sept. 13.
 Packing ring, J. B. Wenzel, 1,642,524; Sept. 13.
 Paper machine and making paper, N. J. Nicks, 1,641,987; Sept. 13.
 Paper, Making, J. A. Heany, 1,642,495; Sept. 13.
 Paper-making mechanism, N. J. Nicks, 1,641,986; Sept. 13.
 Peeling machine, F. M. Schaefer, 1,641,993; Sept. 13.
 Petroleum oils into lighter oils, Conversion of heavy, V. W. Northrup, 1,642,624; Sept. 13.
 Phonograph reproducer, H. Segal, Des. 73,448; Sept. 13.
 Piano construction, C. F. Brey, 1,642,356; Sept. 13.
 Piles or foundation elements, Construction of concrete, A. R. Neelds and G. Damry, 1,642,213; Sept. 13.
 Pipe, L. Reymondet, Des. 73,443; Sept. 13.
 Pipe hanger, C. C. Tomkinson, 1,642,131; Sept. 13.
 Pipe-thread protector, B. Brownstein, 1,642,330; Sept. 13.
 Pipes, Tobacco burner for, E. Biber, 1,641,956; Sept. 13.
 Plane, J. J. Ritter, 1,642,044; Sept. 13.
 Plate or similar article, H. Rampfel, Des. 73,441; Sept. 13.
 Plate or similar article, G. Wesp, Des. 73,458; Sept. 13.
 Platform support, E. Prescott, 1,642,265; Sept. 13.
 Platform, lamp and incense burner for smoking stands or similar articles, Combined, L. Zweig, Des. 73,463; Sept. 13.

Plating and accomplishing the same. H. Gardner. 1,642,238; Sept. 13.
 Plow bottom. G. Forgy. 1,642,301; Sept. 13.
 Plowing device. R. R. Dupler. 1,642,144; Sept. 13.
 Plows, Plow lift for. W. J. Verity and P. A. Van Sickle. 1,642,521; Sept. 13.
 Pocket outfit for the care of teeth. J. R. Merrill. 1,642,620; Sept. 13.
 Polishing machine. P. Miller. 1,641,984; Sept. 13.
 Post: See—
 Battery blinding post.
 Powder dispenser, Adjustable. A. J. Krank. 1,642,447; Sept. 13.
 Power press. J. C. Ledbetter. 1,642,252; Sept. 13.
 Press: See—
 Power press.
 Presses, Pneumatic control for batteries of automatic. C. D. McDonald. 1,642,375; Sept. 13.
 Pressure gauge, Piston. J. Shebol and W. F. Albrecht. 1,642,563; Sept. 13.
 Pressure regulator. H. Pilling. 1,642,216; Sept. 13.
 Printing device. R. J. Delehanty. 1,642,016; Sept. 13.
 Printing. Making plates for multicolor. F. Libby. 1,642,451; Sept. 13.
 Printing presses, Gripper block for. R. P. Knox. 1,642,157; Sept. 13.
 Printing roller. W. C. Hart. 1,642,008; Sept. 13.
 Printing telegraph system. G. S. Vernam and D. R. Perry. 1,642,048; Sept. 13.
 Propelling screen, Division-head. W. F. McMahon. 1,642,122; Sept. 13.
 Protective device. L. R. Golladay. 1,642,241; Sept. 13.
 Public-address system. B. S. McCutchen. 1,642,040; Sept. 13.
 Puller: See—
 Wheel puller.
 Pulverizer. C. E. Brainard. 1,642,139; Sept. 13.
 Pump, compressor, or the like. V. W. Malmstrom. 1,642,454; Sept. 13.
 Pump, Deep-well. J. D. Langdon. 1,642,211; Sept. 13.
 Pump, Deep-well. J. D. Langdon. 1,642,250; Sept. 13.
 Pump, Oil-well. W. F. McMahon. 1,642,121; Sept. 13.
 Pump-operating device. L. Stendahl and E. Hanson. 1,642,274; Sept. 13.
 Pump-rod connection, Quick-change. A. W. R. Schultz. 1,642,464; Sept. 13.
 Puzzle. E. E. Foster. 1,642,236; Sept. 13.
 Puzzle. E. M. Massey. 1,642,424; Sept. 13.
 Pyjama trousers. I. Bloomenthal. 1,642,483; Sept. 13.
 Rack: See—
 Bag rack.
 Record rack.
 Radiator ornament. I. Von Haxthausen. Des. 73,455-6; Sept. 13.
 Radiators and the like, Hanger for wall. A. J. Loopsinger. 1,642,075; Sept. 13.
 Radio loop or antenna, Telescoping. L. Adams. 1,642,350; Sept. 13.
 Radio signaling system. H. J. Round. 1,642,173; Sept. 13.
 Radio tablet method. C. F. Jenkins. 1,642,110; Sept. 13.
 Radiocommunication, System of. E. L. Chaffee. 1,642,663; Sept. 13.
 Rail-switch-locking device. Z. Molnar. 1,642,380; Sept. 13.
 Railway guide. G. R. Luglubuhl. 1,642,616; Sept. 13.
 Railway-traffic-controlling apparatus. H. O. Holte. 1,642,584; Sept. 13.
 Railway-traffic-controlling apparatus. L. V. Lewis. 1,642,073; Sept. 13.
 Railway-traffic-controlling apparatus. F. H. Nicholson. 1,642,082; Sept. 13.
 Railway-traffic-controlling apparatus. H. A. Wallace. 1,642,052; Sept. 13.
 Rat and mink trap. T. H. Bell. 1,642,194; Sept. 13.
 Razor, Safety. J. Holtzman. 1,642,338; Sept. 13.
 Receptacle. F. Goertz. 1,642,366; Sept. 13.
 Receptacle, Dispensing. R. J. Miller. 1,642,425; Sept. 13.
 Receptacles or the like, Closure member for. C. E. Billings. 1,642,138; Sept. 13.
 Record rack, Hotel-room. P. N. Joslin. 1,642,208; Sept. 13.
 Recording device. E. B. Wheeler. 1,642,525; Sept. 13.
 Reductor, Diurnal. W. J. Harvey. 1,642,545; Sept. 13.
 Refrigerating apparatus. J. J. Batterman. 1,642,321; Sept. 13.
 Refrigerating apparatus. R. Cramer. 1,642,015; Sept. 13.
 Refrigerator basket. E. A. Florang. 1,642,414-15; Sept. 13.
 Refrigerator, Soda-fountain. H. J. Mackey. 1,641,980; Sept. 13.
 Refuse destructors and other furnaces, Top-feed door for. W. J. Bulgin. 1,642,100; Sept. 13.
 Regulator: See—
 Pressure regulator.
 Window regulator.
 Reproducer, Push-pull. F. E. Miller. 1,642,124; Sept. 13.
 Resilient wheel. D. A. Walsh. 1,642,133; Sept. 13.
 Resin and making same, Synthetic. J. McIntosh and E. Y. Wolford. 1,642,078; Sept. 13.
 Resin and making same, Synthetic. J. McIntosh. 1,642,079; Sept. 13.
 Resin-containing coating composition. J. M. Kessler. 1,642,155; Sept. 13.
 Retort. H. J. and H. C. McElvain. 1,642,457; Sept. 13.
 Rim, Separable. W. P. Doyle. 1,642,143; Sept. 13.

Ring: See—
 Bead ring.
 Packing ring.
 Sealing ring.
 Rod: See—
 Curlier rod.
 Roller: See—
 Printing roller.
 Rolls, Apparatus for and method of handling. F. von der Horst. 1,641,998; Sept. 13.
 Roof. H. R. Wardell. 1,642,316; Sept. 13.
 Roofing. H. L. Guy. 1,642,148; Sept. 13.
 Roofing cleat. T. M. Searff. 1,642,088; Sept. 13.
 Rotary. H. C. Thrift. 1,642,220; Sept. 13.
 Rubber articles, Curing. R. R. Jones. 1,642,614; Sept. 13.
 Rubber conversion product and making same. H. L. Fisher. 1,642,018; Sept. 13.
 Rubber refiners, Scraper frame for. W. Breiding. 1,641,959; Sept. 13.
 Rubberized fibrous composition, Machine for making a. P. Beebe. 1,642,008; Sept. 13.
 Safe vault. P. S. Millice. 1,642,552; Sept. 13.
 Safety apparatus. C. C. Smith. 1,642,182; Sept. 13.
 Salt and pepper shaker, Combination. O. W. Baldwin. Des. 73,424; Sept. 13.
 Salt and pepper shaker, Combination. T. C. Helsey. Des. 73,431; Sept. 13.
 Sampling device. W. W. Smith. 1,641,996; Sept. 13.
 Sash fastener. C. Raw. 1,642,266; Sept. 13.
 Sash-operating mechanism. E. L. Ackerman. 1,641,954; Sept. 13.
 Sausage machines, Length control for. F. C. Arey. 1,642,353; Sept. 13.
 Saw construction. A. Westgard. 1,642,185; Sept. 13.
 Saw, Portable power cut-off. E. E. Ferguson. 1,642,145; Sept. 13.
 Scaffold, Painter's. A. Damore. 1,642,333; Sept. 13.
 Screen: See—
 Propelling screen.
 Screen or sieve for drying purposes. A. Goblet. 1,642,652; Sept. 13.
 Screw driver and wrench-clutch cup, Portable power-driven. A. G. Decker. 1,642,490; Sept. 13.
 Sealing machine. G. K. Henderson. 1,641,970; Sept. 13.
 Sealing ring. W. A. MacKenzie. 1,642,550; Sept. 13.
 Searchlight. C. E. Fraser. 1,642,436; Sept. 13.
 Seat: See—
 Baby seat.
 Wall seat.
 Separator: See—
 Grain separator.
 Sewage treatment by activated sludge in combination with sludge digestion, Apparatus for. K. Imhoff. 1,642,206; Sept. 13.
 Sewers and the like, Lining block for. L. P. Kovanda and J. H. Hubbell. 1,642,417; Sept. 13.
 Sewing machine for darning. E. Wieland. 1,642,283; Sept. 13.
 Shade, Adjustable window. B. G. Conner. 1,642,489; Sept. 13.
 Shank stiffener. R. Davis. 1,642,362; Sept. 13.
 Sharpener, Disk. J. C. Zumwalt. 1,642,004; Sept. 13.
 Shawl carrier. J. R. Seohy. 1,642,562; Sept. 13.
 Shears: See—
 Motor-driven shears.
 Sheet-bending machine, Corrugated. C. A. Frick. 1,642,657; Sept. 13.
 Shipping case, Folding piano. G. H. Moyer and R. F. Aucker. 1,642,381; Sept. 13.
 Ships, Device for reducing the pitching of. H. F. W. Lucke. 1,642,103; Sept. 13.
 Shock absorber. C. W. Waltz. 1,642,049; Sept. 13.
 Shock eliminator and spring control. H. H. Hill. 1,642,547; Sept. 13.
 Shoe. F. G. Tauber. Des. 73,450; Sept. 13.
 Shoe-shaping machine. N. L. Gulliford. 1,641,968; Sept. 13.
 Shoe squeaking, Device for stopping. F. E. Huck. 1,642,099; Sept. 13.
 Short-circuiting device. P. M. Hengstenberg. 1,642,070; Sept. 13.
 Sign. J. B. Groh. 1,642,022; Sept. 13.
 Signal-operating means, Attachment for. H. L. Furr. 1,642,237; Sept. 13.
 Silk, Spinning artificial. H. P. Bassett and T. F. Banigan. 1,642,291; Sept. 13.
 Silo. C. C. Woody. 1,642,003; Sept. 13.
 Skins in imitation of more expensive furs, Treating cheap. A. Nathan. 1,642,505; Sept. 13.
 Sludge, Obtaining products from. L. Burgess. 1,642,060; Sept. 13.
 Smoke-treating apparatus. C. J. Schobrone. 1,641,995; Sept. 13.
 Socket. H. S. Taylor. 1,642,517; Sept. 13.
 Socket for scaffold trestles. J. B. Heet. 1,642,069; Sept. 13.
 Socket, Twin. H. T. Palste. 1,642,626; Sept. 13.
 Sodium phosphates, Making. H. Howard. 1,642,244; Sept. 13.
 Sodium sulphites and boric acid, Making. H. Blumenberg, Jr. 1,642,535; Sept. 13.
 Sole-laying machine. A. C. Estey. 1,642,017; Sept. 13.
 Speed indicator. M. Marcus. 1,642,617; Sept. 13.
 Spike. P. C. Azzara. 1,642,006; Sept. 13.

Spinal-adjustment device. J. Kubista. 1,642,158; Sept. 13.
 Spindle and base. F. H. Chapman. 1,642,486; Sept. 13.
 Spraying apparatus, Molten material. L. P. Kovanda and J. H. Hubbell. 1,642,418; Sept. 13.
 Spring. W. M. Bolt. 1,642,638; Sept. 13.
 Spring bottom. J. F. Brown. 1,642,225; Sept. 13.
 Spring for shock absorber. S. H. Bishop and N. F. McNaught. 1,642,058; Sept. 13.
 Station-indicating device. W. B. Feeley and W. Danmar. 1,642,234; Sept. 13.
 Steam generator. W. Bey. 1,642,098; Sept. 13.
 Steam trap. T. Haight. 1,642,023; Sept. 13.
 Steering gear. H. Marles. 1,642,164; Sept. 13.
 Steering knuckle, Adjustable. E. Bouch and T. R. Shriver. 1,642,640; Sept. 13.
 Steering wheel, Wood-spoked. A. G. Jones. 1,642,029; Sept. 13.
 Stencil sheet. C. F. Kumll. 1,642,159; Sept. 13.
 Sterilization of liquids, Process and material for. A. Schreier. 1,642,089; Sept. 13.
 Stitch pick. H. A. Rowlett. 1,642,510; Sept. 13.
 Stoker, Locomotive. W. T. Capps and H. G. Mastlin. 1,642,299; Sept. 13.
 Stokers, Distributor tube for. N. M. Lower and A. R. Chalker. 1,642,076; Sept. 13.
 Stop device. J. Manofsky. 1,642,422; Sept. 13.
 Stove, Brooder. J. B. Smith. 1,642,565; Sept. 13.
 Stoves, Oil pan for oil. T. Morris. 1,642,592; Sept. 13.
 Stovepipe, Split. A. O. Patenaude. 1,642,215; Sept. 13.
 Strap for use in bending wood to form parts of curved shape. T. R. C. Wilson. 1,642,186; Sept. 13.
 Street or road cleaning apparatus. J. W. Weismantel. 1,642,000; Sept. 13.
 Stringed instrument. E. P. Norwood. 1,642,126; Sept. 13.
 Stripping device. M. A. Marquette. 1,642,455; Sept. 13.
 Submarine vessels, Life-saving device for. W. Orlowsky. 1,642,127; Sept. 13.
 Superadjustable generator. H. W. Lavigne. 1,642,448; Sept. 13.
 Switch: See—
 Electric switch.
 Switch mechanism. O. S. Jennings. 1,642,027; Sept. 13.
 Syringe, Hypodermic. A. A. Laurent. 1,641,976; Sept. 13.
 T connector, Electrical. A. B. Dlbner. 1,642,492; Sept. 13.
 T square, Magnetic. L. E. Edwards. 1,642,232; Sept. 13.
 Tablet shield, Rainy-day. W. A. Pryor. 1,642,384-5; Sept. 13.
 Tank: See—
 Gasoline-dispersing tank.
 Vacuum tank.
 Tape holder. W. Kaltschmidt. 1,642,152; Sept. 13.
 Ten-ball tags, Making. E. J. Ovington. 1,642,307; Sept. 13.
 Tempot and like vessel for making beverages by infusion. F. E. Barker. 1,642,222; Sept. 13.
 Telegraph and telephone device, Noiseless intercommunication. M. Bracamonte. 1,642,295; Sept. 13.
 Telegraph switching system. C. E. Lomax. 1,642,037; Sept. 13.
 Telegraphy, Alternating-current. F. Lüschen and K. Kipfmüller. 1,642,453; Sept. 13.
 Telephone device. L. de Forest. 1,642,363; Sept. 13.
 Telephone exchanges, Sending impulses for automatic. K. Hensen and W. Hirschberg. 1,642,202; Sept. 13.
 Telephone silencer. L. J. Gamoty. 1,642,543; Sept. 13.
 Telephone system. W. C. Kiesel and C. B. Fowler. 1,642,500; Sept. 13.
 Telephone system. L. F. Porter. 1,642,507; Sept. 13.
 Telephone tone machine. T. G. Melnema. 1,642,377; Sept. 13.
 Telephony, Light. L. W. Chubb. 1,642,011; Sept. 13.
 Temperature-controlled alarm. W. E. Fox. 1,642,649; Sept. 13.
 Tenpin, Bowling-alley. E. J. Wuerthele. 1,642,286; Sept. 13.
 Tent. F. R. Barbour. 1,642,530; Sept. 13.
 Tent, Cemetery. J. M. Doddridge. 1,642,648; Sept. 13.
 Tent, Folding. J. K. Rush. 1,642,267; Sept. 13.
 Tester, Overrun. W. J. McLaughlin. 1,642,212; Sept. 13.
 Textile fibers, Conditioning. R. B. Smith. 1,642,092; Sept. 13.
 Textile fibers, Pneumatic apparatus or means for conveying and treating. H. Wilkinson and G. A. Bassett. 1,642,135; Sept. 13.
 Textile machine. M. Auerbach. 1,642,354; Sept. 13.
 Thermal relay. H. D. Matthews. 1,642,039; Sept. 13.
 Thermostatic circuit controller. F. W. Wood. 1,642,284; Sept. 13.
 Threads, Spinning. H. P. Bassett and T. F. Banigan. 1,642,290; Sept. 13.
 Tiles, Form for constructing drain and sewer. E. J. Foster. 1,642,581; Sept. 13.
 Time-limit relay. C. A. Butcher and L. F. Hunt. 1,642,061; Sept. 13.
 Timer, Rotary. J. H. Hobson. 1,641,972; Sept. 13.
 Tire carrier, Spare. G. E. Parker. 1,642,460; Sept. 13.
 Tire lock. E. W. Cannam and G. S. Huglin. 1,642,576; Sept. 13.
 Tire lock. F. R. Loomis. 1,642,589; Sept. 13.
 Tire shoes, Tool for the repair of automobile. J. Abrahams. 1,642,395; Sept. 13.

Tires and the like, Protective cover for pneumatic. J. L. Delphin. 1,642,104; Sept. 13.
 Tongs, Shocking. E. R. Born. 1,642,639; Sept. 13.
 Tool, Combination. A. M. Esterline. L. E. Burns, and W. L. Esterline. 1,642,493; Sept. 13.
 Tool for removing transmission bands. G. T. Schesvold and A. M. Johnson. 1,641,994; Sept. 13.
 Tool, Hand. F. H. Winslow and B. Reader. 1,642,569; Sept. 13.
 Tool handle. L. W. Schleicher. 1,642,388; Sept. 13.
 Tool, Roofing. W. E. Tekker. 1,642,390; Sept. 13.
 Tool, Surfacing. C. Frenl. 1,642,416; Sept. 13.
 Tool, Tire-chain. C. M. Finley. 1,642,542; Sept. 13.
 Top spinner. M. Weinberg. 1,642,280; Sept. 13.
 Torch, Alcohol. W. Olsen. 1,642,260; Sept. 13.
 Toric-lens axis, Marking a. L. W. Bugbee. 1,642,575; Sept. 13.
 Toy ball. R. L. Lee. 1,642,449; Sept. 13.
 Toy interfitting building blocks, Set of. E. Ladewig. 1,642,249; Sept. 13.
 Toy, Mechanical. A. S. Littlefield. 1,641,977; Sept. 13.
 Toy vehicle. D. R. Stuart. 1,642,468; Sept. 13.
 Toy wagon. C. E. Morris. 1,642,591; Sept. 13.
 Toy wagon, Body for a. R. Williamson. Des. 73,461; Sept. 13.
 Transmission lock. W. M. Reason. 1,641,992; Sept. 13.
 Transmission regulation. J. S. Jammer. 1,642,499; Sept. 13.
 Trap: See—
 Mouse trap.
 Steam trap.
 Rat and mink trap.
 Tray rail, Safety. F. L. Brown. 1,642,329; Sept. 13.
 Trolley harp and contact device. S. Magglo. 1,642,257; Sept. 13.
 Truck, Freight-handler's. R. Krasberg. 1,642,502; Sept. 13.
 Truck, Hoisting. J. D. Herron. 1,641,971; Sept. 13.
 Trucks, Caster attachment for. I. G. Svigeninov. 1,642,094; Sept. 13.
 Tube: See—
 Vacuum tube.
 Tube-end bevelling and sealing device. C. E. Maynard. 1,642,456; Sept. 13.
 Tubing, catcher for wells, Automatic. R. A. Wilson. 1,642,136; Sept. 13.
 Tumbler or similar article of glassware. G. Dougherty. Des. 73,426; Sept. 13.
 Tumbling mill. H. W. Tiltgen. 1,642,632; Sept. 13.
 Tunnel, Sectional. D. E. Ross. 1,642,559; Sept. 13.
 Turbines or the like, Packing gland for elastic fluid. H. Pochobradsky. 1,642,085; Sept. 13.
 Twister traveler and making same. P. C. Wentworth. 1,642,472; Sept. 13.
 Twisting machinery. C. Smith and F. Yorke. 1,642,218; Sept. 13.
 Two-cycle engine. E. J. Hart. 1,642,655; Sept. 13.
 Typewriting machine. W. A. Dobson. 1,642,196; Sept. 13.
 Typewriting machine. A. G. F. Kurowski. 1,642,248; Sept. 13.
 Typewriting machine. J. A. B. Smith. 1,642,271-72; Sept. 13.
 Umbrella, Collapsible. G. Friedrichs. 1,642,336; Sept. 13.
 Underbelt, Interlocking. J. Sauer. 1,642,046; Sept. 13.
 Vacuum cleaner. N. A. Throop. 1,642,518; Sept. 13.
 Vacuum feed. A. P. Plant. 1,642,129; Sept. 13.
 Vacuum tank. H. Rabazzana. 1,642,461; Sept. 13.
 Vacuum tube. H. H. Könnemann. 1,642,210; Sept. 13.
 Valve. T. F. Gray. 1,642,242; Sept. 13.
 Valve, Gas-tank. W. H. Farnsworth. 1,642,412; Sept. 13.
 Valve, guide bushing. W. A. Disch. 1,641,963; Sept. 13.
 Valve mechanism. W. L. Church. 1,642,012; Sept. 13.
 Valve, Motor-controlled. O. Thiel. 1,642,391; Sept. 13.
 Valve piston. A. Tebaldi. 1,642,596; Sept. 13.
 Valves, Supplying power to thermionic. G. M. Wright. 1,642,526; Sept. 13.
 Vanity case. C. L. Marcus. 1,641,981; Sept. 13.
 Vanity cases, Compact holder and ejector for. W. G. Kendall. 1,642,611; Sept. 13.
 Vaporizer, Heavy-oil. D. T. Scott. 1,642,268; Sept. 13.
 Vehicle bodies, Post construction for. L. I. Heintz. 1,642,368; Sept. 13.
 Vehicle doors, Latch for. R. V. Kalmer. Re16,735; Sept. 13.
 Vehicle heater, Motor. J. S. Brant. 1,642,296; Sept. 13.
 Vehicle, Motor. W. Young. 1,642,221; Sept. 13.
 Vehicles and the like, Top for. S. J. Leach. 1,642,117; Sept. 13.
 Vehicles, Braking of the steering wheels of. H. Perrot. 1,642,084; Sept. 13.
 Vehicles, Hydraulic drive for. H. Daubenmeyer. 1,642,103; Sept. 13.
 Vending machine. J. B. Watling. 1,642,134; Sept. 13.
 Veneer construction and making the same. H. N. Gibson. 1,642,066; Sept. 13.
 Ventilating system. O. G. Crannell. 1,642,605; Sept. 13.
 Ventilator: See—
 Cowl ventilator.
 Vulcanization. G. H. Ellinwood. 1,642,541; Sept. 13.
 Waffles, Device for making. V. F. Diaz. 1,642,062; Sept. 13.
 Wall and constructing the same. H. F. Weiss. 1,642,282; Sept. 13.

Wall-bracket arm fixture. J. Shortt. Des. 72,449; Sept. 13.
 Wall light. M. I. Kast. 1,642,339; Sept. 13.
 Wall mold. R. L. Bracey. 1,641,958; Sept. 13.
 Wall seat. E. Nelson. 1,642,125; Sept. 13.
 Ware-transferring mechanism. E. H. Lorenz. 1,642,421; Sept. 13.
 Washing machine. F. L. Furbush. 1,642,147; Sept. 13.
 Washing machine. Rotary. A. F. McNaughton. 1,642,123; Sept. 13.
 Washing-machine wringer mechanism. J. Roche. 1,642,130; Sept. 13.
 Watches and making same, Jewel setting for. H. Colomb. 1,642,102; Sept. 13.
 Water coils. Apparatus for preventing incrustation of. E. I. Ingles. 1,642,610; Sept. 13.
 Water. Treating hard. G. Petroff and P. Shestakoff. 1,642,594; Sept. 13.
 Waterer. Poultry. A. D. Lantz. 1,642,304; Sept. 13.
 Wave transmission system. E. L. Norton. 1,642,506; Sept. 13.
 Weather strip. A. C. Schnake. 1,642,176-7; Sept. 13.
 Weeder. F. Patterson. 1,642,261; Sept. 13.
 Welding fixture. F. J. Jarecki. 1,642,549; Sept. 13.
 Welding. Machine for use in. F. J. Jarecki. 1,642,548; Sept. 13.
 Well-drilling apparatus. F. A. Philbrick. 1,642,628; Sept. 13.
 Wells. Automatic tubing catcher for. R. A. Wilson. 1,642,635; Sept. 13.
 Wells. Making and maintaining. P. S. Judy. 1,642,245; Sept. 13.
 Wheel. *See*—
 Resilient wheel. Wire wheel.
 Steering wheel.
 Wheel puller. I. C. Woodward. 1,642,285; Sept. 13.
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ALPHABETICAL LIST OF REGISTRANTS OF TRADE-MARKS.

- A. & J. Manufacturing Co., The, Binghamton, N. Y. Cake turners, spatulas, potato mashers, knives, etc. 234,103-4; Sept. 20; Serial Nos. 227,706-7; published Nov. 30, 1926. Class 23.
- Achela Fraternity, Worcester, Mass., and Ann Arbor, Mich. Periodical publication. 232,936; Sept. 20; Serial No. 247,156; published July 12, 1927. Class 38.
- Adams, John Q., Philadelphia, Pa. Shoe polish, shoe-cleaning solutions, etc. 233,123; Sept. 20. Class 4.
- Ades-Lexington Dry Goods Co., Lexington, Ky. Overalls, work shirts, coats, and jumpers. 233,021; Sept. 20; Serial No. 245,879; published July 5, 1927. Class 39.
- Agasote Millboard Co., The, Trenton, N. J. Fiber boards. 232,956; Sept. 20; Serial No. 249,251; published July 5, 1927. Class 12.
- Alexander County Nurseries. (See Southern Plant Growers' Association.)
- Allen, Hugh C., doing business as Allen Picking Bag Co., Orlando, Fla. Fruit-picking bags. 233,129; Sept. 20. Class 2.
- Amerleann Caramel Company, York, Pa. Candy. 232,882; Sept. 20; Serial No. 249,632; published July 12, 1927. Class 46.
- Amerleann Cellulose & Chemical Manufacturing Company, Ltd., The, now, by change of name, Celanese Corporation of America, New York, N. Y. Hosiery, dresses, coats, underwear, etc. 233,017; Sept. 20; Serial No. 239,349; published July 5, 1927. Class 39.
- American Optical Company, Southbridge, Mass. Goggles and parts thereof. 232,908; Sept. 20; Serial No. 246,063; published July 12, 1927. Class 26.
- Anderson, Nels A., Tacoma, Wash. Waterproof wood cement. 232,818; Sept. 20; Serial No. 249,563; published July 12, 1927. Class 5.
- Anderson, Paul C., doing business as Anderson & Hillman, Beaumont, Tex. Butter and eggs. 232,923; Sept. 20; Serial No. 248,462; published July 5, 1927. Class 46.
- Andre Velvo Art Craft Co. (See Andrews, Chryssil.)
- Andrews, Chryssil, doing business as Andre Velvo Art Craft Co., New York, N. Y. Ornamented fabrics. 233,105; Sept. 20; Serial No. 232,445; published July 12, 1927. Class 42.
- Anklarch Company, Inc., The, Lexington, Ky. Ankle braces and supports. 233,137; Sept. 20. Class 44.
- Ansted Publishing Co. Inc., Brooklyn, N. Y. Magazine. 232,929; Sept. 20; Serial No. 248,027; published July 12, 1927. Class 38.
- Appleton Woolen Mills, Appleton, Wis. Felt blankets and papermakers' jackets. 232,977; Sept. 20; Serial No. 246,727; published June 28, 1927. Class 50.
- Arden Chemical Company, New York, N. Y. Soap. 233,148; Sept. 20. Class 4.
- Arr Tee Knitting Mills, Philadelphia, Pa. Swimming suits. 233,005; Sept. 20; Serial No. 247,661; published July 5, 1927. Class 39.
- Auerbach Company, Salt Lake City, Utah. Nightgowns, bathing suits, etc. 233,013; Sept. 20; Serial No. 247,060; published July 5, 1927. Class 39.
- Augusta Lime Company, Staunton, Va. Lime. 233,054; Sept. 20; Serial No. 249,775; published July 5, 1927. Class 12.
- Baldwin-Tharvin Company, The, Cincinnati, Ohio. Material for making cementitious structures and for pointing up. 232,948; Sept. 20; Serial No. 248,951; published July 5, 1927. Class 12.
- Bankette Co., The, Boston, Mass. Pocket coin holders. 233,084; Sept. 20; Serial No. 244,812; published July 12, 1927. Class 2.
- Banks, Clyde, Bellingham, Wash. Photographs. 233,118; Sept. 20; Serial No. 228,963; published July 12, 1927. Class 38.
- Barnet Leather Co., Inc., New York, N. Y. Leather. 233,029; Sept. 20; Serial No. 244,387; published July 5, 1927. Class 1.
- Battle Creek Food Co., Battle Creek, Mich. Graham and fruit crackers, oatmeal wafers, etc. 233,038; Sept. 20; Serial No. 242,563; published July 12, 1927. Class 46.
- Bear Medicine Company, Cuddy, Pa. Medicinal preparation for the treatment of asthma. 232,946; Sept. 20; Serial No. 248,806; published July 12, 1927. Class 6.
- Beaver, Herman L., Philadelphia, Pa. Polishing and burnishing material. 232,921; Sept. 20; Serial No. 248,545; published June 14, 1927. Class 4.
- Beaver Products Company, Inc., The, Buffalo, N. Y. Mineral thermal insulating material. 232,911; Sept. 20; Serial No. 245,079; published May 17, 1927. Class 12.
- Behrens & Kashins, Inc., New York, N. Y. Blanket, bath, lounging, and house robes. 233,074; Sept. 20; Serial No. 248,218; published July 5, 1927. Class 39.
- Belknap Hardware & Manufacturing Company, Louisville, Ky. Mattresses. 232,871; Sept. 20; Serial No. 249,942; published July 12, 1927. Class 32.
- Belknap Hardware & Manufacturing Company, Louisville, Ky. Ice picks. 232,880; Sept. 20; Serial No. 249,697; published July 12, 1927. Class 23.
- Belknap Hardware & Manufacturing Company, Louisville, Ky. Corn knives, lawn mowers, and automobile jacks. 232,881; Sept. 20; Serial No. 249,696; published July 12, 1927. Class 23.
- Bouchel, Bertha, doing business as Rekwizit Baking Co., St. Louis, Mo. Bran wafers. 232,927; Sept. 20; Serial No. 248,276; published July 5, 1927. Class 46.
- Birnback, Phillip A., doing business as Birnback Radio Co., New York, N. Y. Electrical conductors and battery cable. 233,138; Sept. 20. Class 21.
- Blake, C. G., Company, Inc., The, Cincinnati, Ohio. Coal and coke. 233,042; Sept. 20; Serial No. 249,261; published July 12, 1927. Class 1.
- Bliss, Geo. R., & Son, Inc., Worcester, Mass. Coats, trousers, suits, and overcoats. 233,062; Sept. 20; Serial No. 248,669; published July 5, 1927. Class 39.
- Blu-Lac, Incorporated, San Francisco, Calif. Washing flakes. 233,088; Sept. 20; Serial No. 243,922; published July 12, 1927. Class 4.
- Bond Stores, Incorporated, New York, N. Y. Clothing. 233,020; Sept. 20; Serial No. 245,887; published July 5, 1927. Class 39.
- Bournakis, Andrew J., doing business as Sun Up Coffee, Tea and Cocoa Co., New York, N. Y. Coffee, tea, and cocoa. 232,992; Sept. 20; Serial No. 241,389; published July 12, 1927. Class 46.
- Bowser, S. E., & Company, Inc., Fort Wayne, Ind. Oil filters. 232,902; Sept. 20; Serial No. 247,517; published July 12, 1927. Class 31.
- Boyd and Hutter The Company, Long Beach, Calif. Glass tile. 232,980; Sept. 20; Serial No. 246,461; published June 28, 1927. Class 12.
- Brewster Sons Company, Newark, N. J. Milk and almond milk chocolate, chocolate dainties, candied peanut crisps, etc. 232,993; Sept. 20; Serial No. 241,080; published July 12, 1927. Class 46.
- Brinton, Charles L., Swissvale, Pa. Kits. 233,135; Sept. 20. Class 35.
- Brunschwig, Felix, & Co. Inc., El Paso, Tex. Women's and children's wearing apparel. 233,007; Sept. 20; Serial No. 247,531; published July 5, 1927. Class 39.
- Building Chemicals Corporation. (See Kass, Irving, assignor.)
- Bullock, John H., Cohoes, N. Y. Bread. 233,120; Sept. 20; Serial No. 218,596; published July 5, 1927. Class 46.
- Butler Paper Corporations, Chicago, Ill. Book and cover paper, bristol cardboard, blank post cards, etc. 232,848; Sept. 20; Serial No. 248,152; published July 12, 1927. Class 37.
- C. A. F. Kahlbaum Chemische Fabrik Gesellschaft mit beschränkter Haftung, Berlin, Germany. Medicinal preparations, medicinal dietetic preparations, etc. 233,126; Sept. 20. Class 6.
- Cadick Milling Company, Grand View, Ind. Self-rising flour. 233,119; Sept. 20; Serial No. 220,638; published Mar. 2, 1926. Class 46.
- Campbell Coal Company, Marietta, Atlanta, Ga. Coal. 233,028; Sept. 20; Serial No. 244,540; published July 5, 1927. Class 1.
- Camro Product Co., Long Island City, N. Y. Liquid preparation or make-up for the face and body. 233,019; Sept. 20; Serial No. 245,890; published July 12, 1927. Class 6.
- Candy Bros. Mfg. Co., St. Louis, Mo. Candy. 232,864; Sept. 20; Serial No. 250,063; published July 12, 1927. Class 46.
- Carbon Products Company, The, Lancaster, Ohio. Dry cells and batteries. 233,128; Sept. 20. Class 21.
- Carlson, F. C., Boston, Mass. Lotion for the treatment of the eyes. 233,057; Sept. 20; Serial No. 249,947; published July 12, 1927. Class 6.
- Carrero, Gaetano R., New York, N. Y. Cream to be used on barber's strops. 232,849; Sept. 20; Serial No. 248,086; published July 12, 1927. Class 4.
- Castolene Inc., San Francisco, Calif. Lubricating oil. 233,144; Sept. 20. Class 15.
- Celanese Corporation of America. (See American Cellulose & Chemical Manufacturing Company, Ltd., The.)
- Celastec Corporation, The, Wilmington, Del., and Arlington, N. J. Fabric impregnated with stiffening substances. 233,102; Sept. 20; Serial No. 230,085; published June 28, 1927. Class 1.
- Central Paper Company, Menasha, Wis. Gummed and ungummed paper, sealz, veneer, and stay tapes. 232,852; Sept. 20; Serial No. 247,927; published July 12, 1927. Class 37.
- Chabrow Brothers, Philadelphia, Pa. Butter and bread. 232,974; Sept. 20; Serial No. 224,078; published July 12, 1927. Class 46.
- Chemico-Biologic Laboratories, Incorporated, New York, N. Y. Antiarthritic, antirheumatic, antipyretic medicines, and uric acid eliminants. 233,046; Sept. 20; Serial No. 249,640; published July 12, 1927. Class 6.

Chouinard, Harry A., doing business as Macco Manufacturing Co., Maywood, Ill. Electrically heated vapor inhalers. 232,834; Sept. 20; Serial No. 248,878; published July 12, 1927. Class 44.

Christy, Thomas, doing business as Christy Medicine Company, St. Louis, Mo. Laxative. 233,089; Sept. 20; Serial No. 232,321; published July 12, 1927. Class 6.

Climax Hosiery Mills, Athens, Ga. Hosiery. 233,026; Sept. 20; Serial No. 248,738; published July 5, 1927. Class 39.

Cohen, Joseph H., & Sons, Vanity Clothes, Inc., New York, N. Y. Clothing for men. 233,077; Sept. 20; Serial No. 248,158; published July 5, 1927. Class 39.

Colasta Co. Inc., The, Housick Falls, N. Y. Electric insulating molding compounds. 232,994; Sept. 20; Serial No. 240,038; published May 31, 1927. Class 21.

Colgate & Company, Jersey City, N. J. Soap for shaving. 232,925; Sept. 20; Serial No. 247,779; published July 12, 1927. Class 4.

Colgate & Company, Jersey City, N. J., and New York, N. Y. Talc powder. 232,969; Sept. 20; Serial No. 250,069; published July 12, 1927. Class 6.

Colgate & Company, Jersey City, N. J., and New York, N. Y. Talc powder. 233,061; Sept. 20; Serial No. 250,065; published July 12, 1927. Class 6.

Cobler's Beacon Inn, Inc., Washington, D. C. Cakes, pies, sandwiches, etc. 232,933; Sept. 20; Serial No. 248,345; published July 5, 1927. Class 46.

Comer Manufacturing Company, The, doing business as Dayton Textile Co., Dayton, Ohio. Raincoats and suits. 233,078; Sept. 20; Serial No. 248,089; published July 5, 1927. Class 39.

Community Pulpit. (See Pennoyer, Charles H.)

Continental Optical Corporation, New York, N. Y. Abrasives and polishing compounds. 232,851; Sept. 20; Serial No. 247,932; published July 12, 1927. Class 4.

Continental Paper & Bag Mills Corporation, New York, N. Y. Wrapping paper. 232,890; Sept. 20; Serial No. 246,265; published July 5, 1927. Class 37.

Corbett, Stratford, New York, N. Y. Newspaper section. 232,914; Sept. 20; Serial No. 249,406; published July 12, 1927. Class 38.

Cork Import Corporation, New York, N. Y. Tapered corks and stoppers. 233,011; Sept. 20; Serial No. 247,360; published June 28, 1927. Class 50.

Craftox Company, Brighton, Mass. Composition of earthy materials for walls, ceilings, and floors and a filler for cracks and crevices. 233,047; Sept. 20; Serial No. 249,642; published July 12, 1927. Class 12.

Crescent Rubber Company, Inc., New York, N. Y. Slickers, raincoats, sheepskin coats, and rain hats. 232,985; Sept. 20; Serial No. 237,407; published July 5, 1927. Class 39.

Curtis Companies, Incorporated, Clinton, Iowa. Sashes, doors, blinds, stairways, etc. 233,127; Sept. 20; Class 12.

Daniels & Schuck Inc., East Orange, N. J. Splined box ends for shipping boxes, crates, fruit cases, and the like. 232,997; Sept. 20; Serial No. 247,933; published June 28, 1927. Class 1.

David-Cleaver Produce Co., Quincy, Ill. Dressed poultry. 232,842; Sept. 20; Serial No. 248,357; published July 12, 1927. Class 46.

Davis Press, Incorporated, The, Worcester, Mass. Publication. 232,907; Sept. 20; Serial No. 246,085; published July 12, 1927. Class 38.

Davol Rubber Company, Providence, R. I. Bottle caps. 232,975; Sept. 20; Serial No. 246,520; published June 28, 1927. Class 50.

Day, A. S., Manufacturing Co. Inc., The, Buffalo, N. Y. Varnish, paint, and paint enamels. 232,991; Sept. 20; Serial No. 241,503; published July 12, 1927. Class 16.

Dayton Textile Co. (See Comer Manufacturing Company, The.)

Deaney, Roger J., doing business as John Deaney & Son, Philadelphia, Pa. Hardwood floors. 232,981; Sept. 20; Serial No. 245,959; published July 5, 1927. Class 12.

Deaney Tag Company, The, West Chester, Pa. Printed advertising tags, shipping tags, marking tags, and work tags. 232,931; Sept. 20; Serial No. 248,226; published July 12, 1927. Class 38.

Detmer, Bruner & Mason, Inc., New York, N. Y. Woolen and worsted fabrics in the piece. 232,858; Sept. 20; Serial No. 249,956; published July 12, 1927. Class 42.

Detmer, Bruner & Mason, Inc., New York, N. Y. Woolen and worsted fabric in the piece. 232,859-61; Sept. 20; Serial Nos. 249,958-60; published July 12, 1927. Class 42.

Detmer, Bruner & Mason, Inc., New York, N. Y. Woolen and worsted fabrics in the piece. 232,866-70; Sept. 20; Serial Nos. 249,951-5; published July 12, 1927. Class 42.

Detroit Air Compressor Co., Detroit, Mich. Air compressors and air towers for filling stations and the like. 232,889; Sept. 20; Serial No. 246,467; published July 12, 1927. Class 23.

Dewey, H. T., & Sons Co., New York, N. Y. Medicinal wine for use as a general tonic. 232,944; Sept. 20; Serial No. 248,757; published July 12, 1927. Class 6.

Die-Casting Co., Brooklyn, N. Y. Die-casting metal and die castings. 233,069; Sept. 20; Serial No. 248,598; published July 12, 1927. Class 14.

Dog and Cat Drug Stores, Inc., The, Baltimore, Md. Mixed canary seed, parrot mixture, song restorer, etc. 232,874; Sept. 20; Serial No. 249,841; published July 12, 1927. Class 46.

Dollee, Lucille, Cleveland, Ohio. Face powder, cleansing cream, astringent, etc. 233,147; Sept. 20. Class 6.

Duncan, Sprinkle & Turgeon, assignor to Oasis, Incorporated, New York, N. Y. Sandwiches and coffee. 233,113; Sept. 20; Serial No. 229,382; published July 5, 1927. Class 46.

Duncan, Sprinkle & Turgeon, assignor to Oasis, Incorporated, New York, N. Y. Sandwiches. 233,114; Sept. 20; Serial No. 229,381; published July 5, 1927. Class 46.

Duncan, Sprinkle & Turgeon, assignor to Oasis, Incorporated, New York, N. Y. Sandwiches and coffee. 233,115; Sept. 20; Serial No. 229,380; published July 5, 1927. Class 46.

Duncan, Sprinkle & Turgeon, assignor to Oasis, Incorporated, New York, N. Y. Sandwiches and coffee. 233,116; Sept. 20; Serial No. 229,378; published July 5, 1927. Class 46.

Duncan, Sprinkle & Turgeon, assignor to Oasis, Incorporated, New York, N. Y. Sandwiches. 233,117; Sept. 20; Serial No. 229,379; published July 5, 1927. Class 46.

Dunhill, Alfred, of London, Inc., New York, N. Y. Cigar and cigarette lighters. 232,854-5; Sept. 20; Serial Nos. 247,657-8; published July 12, 1927. Class 34.

Dunn & McCarthy, Inc. (See Utz & Dunn Company.)

Eagle Pencil Company, New York, N. Y. Lead pencils. 232,824; Sept. 20; Serial No. 249,267; published July 12, 1927. Class 37.

Eastman Kodak Company, Rochester, N. Y. Photographic shutters. 232,879; Sept. 20; Serial No. 249,709; published July 12, 1927. Class 20.

Edwards Manufacturing Company, The, Cincinnati, Ohio. Metal lath. 233,064; Sept. 20; Serial No. 248,624; published July 5, 1927. Class 12.

Empire Plant Company. (See Southern Plant Growers' Association.)

Endicott Johnson Corporation, Endicott, N. Y. Leather and rubber boots and shoes. 233,079-81; Sept. 20; Serial Nos. 248,033-5; published July 5, 1927. Class 39.

Enoch Morgan's Sons Company, New York, N. Y. Detergent preparation. 232,913; Sept. 20; Serial No. 249,364; published July 5, 1927. Class 4.

Enterprise Manufacturing Company, The, Akron, Ohio. Fish sealers. 233,134; Sept. 20. Class 23.

Estes, Llewellyn W., doing business as The Great American Herb Co., Washington, D. C. Laxative medicine. 232,982; Sept. 20; Serial No. 245,599; published July 12, 1927. Class 6.

Faber, Eberhard, Pencil Company, Brooklyn, N. Y. Lead pencils. 232,817; Sept. 20; Serial No. 249,577; published July 12, 1927. Class 37.

Farnsworth, John, Associated, Inc., Philadelphia, Pa. Liquid pudding cement. 232,987; Sept. 20; Serial No. 242,659; published July 12, 1927. Class 5.

Federal Cartridge Corp., Minneapolis, Minn. Shot shells. 233,089; Sept. 20; Serial No. 243,431; published July 12, 1927. Class 9.

Felbush, M., San Francisco, Calif. Canned fish, fruits, vegetables, and dried fruits. 232,960; Sept. 20; Serial No. 236,312; published July 12, 1927. Class 46.

Felberg Kasher Sausage Company, Minneapolis, Minn. Sausages. 232,831; Sept. 20; Serial No. 249,050; published July 12, 1927. Class 46.

Fevrier & Decolay, Paris, France. Depilatories. 233,060; Sept. 20; Serial No. 250,019; published July 12, 1927. Class 6.

Fidelity Products. (See Glickman, Abraham E.)

Fillis, James A., Brooklyn, N. Y. Eye, ear, and nose drops, mouth wash, etc. 233,034; Sept. 20; Serial No. 243,203; published July 12, 1927. Class 6.

Fire Gun Manufacturing Company, Inc., Utica, N. Y. Fire-extinguishing apparatus. 232,891; Sept. 20; Serial No. 246,744; published July 12, 1927. Class 23.

Firestone Tire and Rubber Company, The, Akron, Ohio. Friction tape and inner-tube patches and patch stock. 233,133; Sept. 20. Class 5.

Frank, Paul A. R., Hamburg, 1, Bleberhaus, Germany. String instruments. 233,139; Sept. 20. Class 36.

Freed, Allie S., New York, N. Y. Automobiles and constructive parts thereof. 232,903; Sept. 20; Serial No. 248,171; published July 12, 1927. Class 19.

Friedman, L., Neckwear Corporation, Milwaukee, Wis. Neckties. 233,025; Sept. 20; Serial No. 246,895; published July 5, 1927. Class 39.

Garrish, John G., Jersey City, N. J. Dairy cleansers. 232,904; Sept. 20; Serial No. 249,582; published July 5, 1927. Class 4.

Gebrüder Stollwerck A. G., Vienna, Austria. Cacao, chocolate, biscuits, sweetmeats, etc. 232,958; Sept. 20; Serial No. 236,741; published July 5, 1927. Class 46.

German Brothers Co., Saginaw, Mich. Toilet seats and tanks. 232,965; Sept. 20; Serial No. 233,818; published July 12, 1927. Class 13.

Glickman, Abraham E., doing business as Fidelity Products, Brooklyn, N. Y. Talcum powder, tooth paste, and salves. 232,951; Sept. 20; Serial No. 249,117; published July 12, 1927. Class 6.

Golden West Brewing Company, Oakland, Calif. Malt beverages. 232,983; Sept. 20; Serial No. 245,264; published May 24, 1927. Class 48.

Golf Shaft & Block Company, Memphis, Tenn. Shuttle blocks, picker-stick blanks, lawn-mower handle blanks, etc. 232,970; Sept. 20; Serial No. 214,319; published July 5, 1927. Class 1.

Gorton-Pew Fisheries Company, Ltd., Gloucester, Mass. Smoked and dried fish. 232,895; Sept. 20; Serial No. 247,076; published July 12, 1927. Class 46.

Graham Paper Company, St. Louis, Mo. Printing and writing paper. 232,862; Sept. 20; Serial No. 249,966; published July 12, 1927. Class 37.

Gramm Motors, Inc., Lima, Ohio. Motor busses and trucks. 232,840; Sept. 20; Serial No. 248,634; published July 12, 1927. Class 19.

Grand Canyon Lime & Cement Co., Los Angeles, Calif. Hydrated lime. 233,037; Sept. 20; Serial No. 242,720; published July 5, 1927. Class 12.

Graves, Chauncey A., Duluth, Minn. Preparation for use as a deodorant, bleach, etc. 233,073; Sept. 20; Serial No. 248,230; published July 12, 1927. Class 6.

Great American Herb Co., The. (See Estes, Llewellyn W.)

Greco Canning Company, Inc., San Jose, Calif. Canned fruits. 232,963; Sept. 20; Serial No. 235,208; published July 5, 1927. Class 46.

Haire Publishing Co., Inc., New York, N. Y. Magazine. 232,995; Sept. 20; Serial No. 240,650; published July 12, 1927. Class 38.

Hammond, G. H., Company, Chicago, Ill. Soap. 232,883; Sept. 20; Serial No. 249,005; published July 12, 1927. Class 4.

Hansen, Marion C., doing business as Mrs. Fred H. Hansen, Fresno, Calif. Dried fruits. 232,904; Sept. 20; Serial No. 233,931; published July 12, 1927. Class 46.

Hauser & Well, New York, N. Y. Overnight cases. 232,886; Sept. 20; Serial No. 245,557; published July 5, 1927. Class 3.

Havens-Bilal-Carlitch, Kansas City, Mo. Suits, coats, overcoats, and work coats. 233,063; Sept. 20; Serial No. 248,636; published July 5, 1927. Class 39.

Hendrix Aqua Lax Company, Eldorado Springs, Mo. Laxative. 233,132; Sept. 20. Class 6.

High Point Overall Company, High Point, N. C. Overalls, coats, shirts, pants, and caps. 232,978; Sept. 20; Serial No. 246,681; published July 5, 1927. Class 39.

Hiltzfeld, Marie A. K., viuda de Diego Gomez, Seville, Spain. Olives. 233,035; Sept. 20; Serial No. 243,153; published July 12, 1927. Class 46.

Holeproof Hosiery Company, Milwaukee, Wis. Hosiery. 232,984; Sept. 20; Serial No. 245,212; published May 17, 1927. Class 39.

Holyoke Card & Paper Company, Springfield, Mass. Cover paper. 232,885; Sept. 20; Serial No. 246,532; published July 5, 1927. Class 37.

Hookless Fastener Company, Mendville, Pa. Separable fastener stringers and separable fasteners. 232,898; Sept. 20; Serial No. 247,372; published July 12, 1927. Class 13.

Howell Company, Inc., The, New Orleans, La. Insecticide. 233,043; Sept. 20; Serial No. 249,353; published July 12, 1927. Class 6.

Hudson Manufacturing Co., Minneapolis, Minn. Hand-operated portable sprayers and parts thereof. 232,872-3; Sept. 20; Serial Nos. 249,901-2; published July 12, 1927. Class 23.

Hudson Manufacturing Co., Minneapolis, Minn. Hand-operated portable sprayers and parts thereof. 232,943; Sept. 20; Serial No. 249,903; published July 12, 1927. Class 23.

Huger, Daniel E., New York, N. Y. Sunshade headwear. 232,952; Sept. 20; Serial No. 249,120; published July 5, 1927. Class 39.

Hunt-Rankin Leather Co., Boston, Mass. Leathers. 232,947; Sept. 20; Serial No. 248,910; published July 12, 1927. Class 1.

Insect Tox Co. (See Mendralski, Walter J.)

I-Sis Laboratories, Inc., New York, N. Y. Metal polishes. 232,917; Sept. 20; Serial No. 249,122; published July 5, 1927. Class 4.

Jay, Edward J., New York, N. Y. Perfumes, toilet water, hair tonic, etc. 233,140; Sept. 20. Class 6.

Jefferson Farms. (See Southern Plant Growers' Association.)

Jeffreys, George A., doing business as Jeffreys Laboratories, Calcium, N. Y. Laxative compound for expelling worms from animals. 232,955; Sept. 20; Serial No. 249,227; published July 12, 1927. Class 6.

Johnson & Johnson, New Brunswick, N. J. Suspensory bandages. 232,825 Sept. 20; Serial No. 249,228; published July 12, 1927. Class 44.

Johnson, W. H., & Son Company, Indianapolis, Ind. Heating radiator shields and inclosures. 233,062; Sept. 20; Serial No. 247,797; published June 14, 1927. Class 34.

Johnson's, Iver, Arms & Cycle Works, Fitchburg, Mass. Bicycles. 233,112; Sept. 20; Serial No. 229,632; published July 12, 1927. Class 19.

Jones, F. S., Co., St. Paul, Minn. Overalls. 232,040; Sept. 20; Serial No. 242,341 published July 5, 1920. Class 39.

Justice, Charles B., & Co., San Diego, Calif. Honey. 232,841 Sept. 20; Serial No. 248,572; published July 5, 1927. Class 46.

Kade's, Dr., Medicinisch-Pharmaceutisches Fabrikations- u. Exportgeschäft Dr. Franz Lütze, Berlin, Germany. Intestinal germs. 233,027; Sept. 20; Serial No. 244,773; published July 12, 1927. Class 6.

Kadet-Kruger & Co., Chicago, Ill. Ladies' neckwear. 233,032; Sept. 20; Serial No. 243,857; published July 5, 1927. Class 39.

Kane Furniture Company, Boston, Mass. Refrigerators. 232,896; Sept. 20; Serial No. 247,320; published July 12, 1927. Class 31.

Kass, Irving, assignor to Building Chemicals Corporation, New York, N. Y. Brick-cleansing compound. 232,919; Sept. 20; Serial No. 249,009; published July 5, 1927. Class 4.

Klein & Son, Montgomery, Ala. Silver polish. 232,916; Sept. 20; Serial No. 249,181; published July 12, 1927. Class 4.

Knowles, Calvin W., San Francisco, Calif. Eye shades. 232,906; Sept. 20; Serial No. 246,486; published July 12, 1927. Class 44.

Kobb, Anthony, New York, N. Y. Hosiery and underwear for women. 233,014; Sept. 20; Serial No. 247,026; published July 5, 1927. Class 39.

Kompak-Kase Manufacturing Company, The, Junction City, Kans. Grocery or like storage and display devices. 233,143; Sept. 20. Class 32.

Kunkel, Louis B., St. Louis, Mo. Shoe dressing and polish. 232,940; Sept. 20; Serial No. 249,664; published July 5, 1927. Class 4.

Laboratories Jeq Incorporated, New York, N. Y. Medicinal tablets. 233,055; Sept. 20; Serial No. 249,853; published July 12, 1927. Class 6.

Lalier, F., & Sons, New York, N. Y. Canned fruits, canned vegetables, etc. 232,836; Sept. 20; Serial No. 248,848; published July 5, 1927. Class 46.

Lake and Export Coal Corporation of New York, New York, N. Y. Coal. 233,068; Sept. 20; Serial No. 248,413; published July 12, 1927. Class 1.

Lanschey, H., Inc., New York, N. Y. Preparation for adding inks to obtain certain lithography results. 232,827; Sept. 20; Serial No. 249,183; published July 12, 1927. Class 11.

Laverne, A. C., Crowley, La. Dyspepsia tablets. 233,033; Sept. 20; Serial No. 243,609; published July 12, 1927. Class 6.

Leon, Karl O., Lidköping, Sweden. Ball bearings and roller bearings. 232,961; Sept. 20; Serial No. 235,741; published July 12, 1927. Class 23.

Leibich, G. J., Co., Chicago, Ill. Plastic substance consisting largely of wood or other fiber, a binder, and a solvent. 233,001; Sept. 20; Serial No. 247,798; published July 5, 1927. Class 12.

Lincoln Packing Co., Lincoln, Calif. Canned fruits. 233,098; Sept. 20; Serial No. 232,926; published July 12, 1927. Class 46.

Macco Manufacturing Co. (See Chouinard, Harry A.)

Macy, R. H., & Co., Inc., New York, N. Y. Hair nets. 232,959; Sept. 20; Serial No. 236,701; published July 12, 1927. Class 42.

Malt-O-Egg Company, Everett, Mass. Food products. 232,899; Sept. 20; Serial No. 247,877; published July 5, 1927. Class 46.

Marvin, W. H., Company, The, Urbana, Ohio. Dried currants, dates, mince meat, and peanut butter. 232,979; Sept. 20; Serial No. 246,491; published July 12, 1927. Class 46.

Master Builders Company, The, Cleveland, Ohio. Oil-field cement-controlling chemical preparations. 233,093; Sept. 20; Serial No. 238,447; published June 28, 1927. Class 12.

Maz Co., The, Altoona, Pa. Pile remedy. 233,058; Sept. 20; Serial No. 249,978; published July 12, 1927. Class 6.

McDougall-Butler Co., Inc., Buffalo, N. Y. Paste white paint. 232,835; Sept. 20; Serial No. 248,853; published July 12, 1927. Class 16.

McNeal, H. B., doing business as Pittsburgh Pretzel Co., Limited, Pittsburgh, Pa. Noodles. 232,960; Sept. 20; Serial No. 247,479; published July 5, 1927. Class 46.

Melville Shoe Corporation, New York, N. Y. Hosiery. 233,051; Sept. 20; Serial No. 248,704; published July 5, 1927. Class 39.

Mendralski, Walter J., doing business as Insect Tox Co., Chicago, Ill. Insecticide. 232,953; Sept. 20; Serial No. 249,185; published July 5, 1927. Class 6.

Metropolitan Vegetable Oil Co., Inc., New York, N. Y. Vegetable oils. 232,999-233,000; Sept. 20; Serial Nos. 247,806-7; published July 12, 1927. Class 46.

Middlesex Products Company. (See Reversible Collar Company.)

Midland Chemical Laboratories, Inc., The, Dubuque, Iowa. Cleaning preparation of soap and other ingredients. 232,941; Sept. 20; Serial No. 249,740; published July 12, 1927. Class 4.

Midwest Sanitarium Corporation, Minneapolis, Minn. Medical preparation for use in the treatment of eczema. 233,041; Sept. 20; Serial No. 242,201; published July 12, 1927. Class 6.

Mingus, Joe W., doing business as One-2-Three Products Co., Los Angeles, Calif. Cleansing fluid for textiles and fabrics. 232,844; Sept. 20; Serial No. 245,421; published July 12, 1927. Class 4.

Minnesota Linseed Oil Paint Co., Minneapolis, Minn. Varnish. 232,828; Sept. 20; Serial No. 249,085; published July 12, 1927. Class 16.

Minnesota Linseed Oil Paint Co., Minneapolis, Minn. Varnish. 232,829; Sept. 20; Serial No. 249,083; published July 12, 1927. Class 16.

Minnesota Linseed Oil Paint Co., Minneapolis, Minn. Varnish. 232,830; Sept. 20; Serial No. 249,061; published July 12, 1927. Class 16.

Missouri Clothing Co., St. Louis, Mo. Men's and boys' clothing. 233,076; Sept. 20; Serial No. 248,184; published July 5, 1927. Class 39.

Model Mill Company, Inc., Johnson City, Tenn. Plain and self-rising flour. 232,865; Sept. 20; Serial No. 250,086; published July 12, 1927. Class 46.

Modern Specialty Company, St. Paul, Minn. Ice cream, baked edible receptacles for ice cream or similar foods, and ice-cream pies. 232,973; Sept. 20; Serial No. 246,842; published July 12, 1927. Class 46.

Montambo, Daniel J., doing business as The Universal Accounting Company, Iron River, Mich. Business record books. 232,832; Sept. 20; Serial No. 249,016; published July 12, 1927. Class 37.

Mooreman Manufacturing Company, The, Cleveland, Ohio. Traffic signal-viewing devices. 232,823; Sept. 20; Serial No. 249,285; published July 12, 1927. Class 26.

Morningstar, Joseph, & Co., Inc., New York, N. Y. Food starches. 232,910; Sept. 20; Serial No. 245,856; published July 5, 1927. Class 46.

Morse, A. G., Co., Chicago, Ill. Candy. 232,912; Sept. 20; Serial No. 250,087; published July 12, 1927. Class 46.

Morse Limited, Sydney, New South Wales, Australia. Liquid paints. 233,036; Sept. 20; Serial No. 243,059; published July 12, 1927. Class 16.

Mossman, Joseph B., New Brighton, N. Y. Eye shades, eye blinds, and face masks. 233,090; Sept. 20; Serial No. 233,385; published July 12, 1927. Class 44.

Motor Shoppers Parkadrome Markets, Inc., Reno, Nev. Building structures for use in parking automobiles. 233,097; Sept. 20; Serial No. 233,652; published July 5, 1927. Class 12.

Musical America Company, The, assignor, by mesne assignments, to Trade Publications, Inc., New York, N. Y. Publication. 232,909; Sept. 20; Serial No. 245,867; published July 5, 1927. Class 38.

Nafir Radio Corporation, St. Louis, Mo. Radio receiving sets. 233,146; Sept. 20; Class 21.

Nakata, Masabachi, doing business as M. Nakata Co., Seattle, Wash. Logs. 233,100; Sept. 20; Serial No. 230,496; published July 12, 1927. Class 1.

Narrow Fabric Co., The, West Reading and Reading, Pa. Woven label strips. 232,957; Sept. 20; Serial No. 236,947; published July 12, 1927. Class 38.

National Aniline & Chemical Company, Incorporated, New York, N. Y. Dyestuffs. 233,018; Sept. 20; Serial No. 250,091; published July 12, 1927. Class 6.

National Aniline & Chemical Company, Incorporated, New York, N. Y. Dyestuffs. 233,059; Sept. 20; Serial No. 249,987; published July 12, 1927. Class 6.

National Association of Master Plumbers, Wilmington, Del. Publications. 233,092; Sept. 20; Serial No. 241,369; published July 12, 1927. Class 38.

National Council of the Daughters of America of the United States of North America, The, Youngstown, Ohio. Magazine. 232,934; Sept. 20; Serial No. 248,422; published July 12, 1927. Class 38.

National Metal Molding Company, Pittsburgh, Pa. Cables. 233,136; Sept. 20; Class 21.

Neumann, R., & Company, Hoboken, N. J. Tanned leather. 233,004; Sept. 20; Serial No. 247,746; published July 5, 1927. Class 1.

New England Brick Company, Boston, Mass. House organ. 232,926; Sept. 20; Serial No. 247,810; published July 12, 1927. Class 38.

Newman, Frederick H., doing business as F. H. Newman & Co., Sherborn, Mass. Radiator cement. 232,971; Sept. 20; Serial No. 246,843; published June 7, 1927. Class 6.

News Publishing Company, Inc., The, Galveston, Tex. Title for a daily evening newspaper. 232,930; Sept. 20; Serial No. 248,185; published July 5, 1927. Class 38.

No Worry Chemical Co., The, Newark, N. J. Liquid washing fluid. 232,905; Sept. 20; Serial No. 246,767; published July 12, 1927. Class 4.

Nunn, Limited, London, England. Medicated preparations for human use in the treatment of neurasthenia. 233,022; Sept. 20; Serial No. 245,891; published July 12, 1927. Class 6.

Nordburg, W. S., Chicago, Ill. Eggs. 232,839; Sept. 20; Serial No. 248,646; published July 12, 1927. Class 46.

North Western Expanded Metal Company, Chicago, Ill. Expanded-metal laths. 232,949; Sept. 20; Serial No. 249,090; published July 5, 1927. Class 12.

Novelty Manufacturing Company, Rockingham, N. C. Household appliance comprising a carton containing an ice-receiving bag and a complementary crushing mallet. 232,998; Sept. 20; Serial No. 247,812; published July 5, 1927. Class 50.

Oasis, Incorporated. (See Duncan, Sprinkle & Turgeon, assignor.)

Old Ben Coal Corporation, Chicago, Ill. Coal. 233,067; Sept. 20; Serial No. 248,424; published June 28, 1927. Class 1.

Olympic Foods, Inc., Seattle, Wash. Canned fruits, vegetables, crushed fruit, and canned salmon. 233,094; Sept. 20; Serial No. 237,469; published July 12, 1927. Class 46.

Omaha Flour Mills Co., Omaha, Nebr. Wheat flour. 232,967; Sept. 20; Serial No. 227,676; published June 15, 1926. Class 46.

One-2-Three Products Co. (See Mingus, Joe W.)

Ontario Biscuit Company, Buffalo, N. Y. Cookie. 232,918; Sept. 20; Serial No. 249,018; published July 5, 1927. Class 46.

Oppenheim, Oberndorf & Co., Inc., Baltimore, Md. Underwear. 233,016; Sept. 20; Serial No. 241,785; published July 5, 1927. Class 39.

Orange Cove Fruit Co. (See Zaninovich, George.)

Palais Royal, Inc., The, Washington, D. C. Corsets, aprons, clothing, bloomers, etc. 233,031; Sept. 20; Serial No. 244,098; published July 5, 1927. Class 39.

Palmer, Limited, Montreal, Quebec, Canada. Bleach creams, beauty creams, cold creams, etc. 232,968; Sept. 20; Serial No. 225,964; published Apr. 26, 1927. Class 6.

Palmolive-Test Company, The, Chicago, Ill. Soap. 232,897; Sept. 20; Serial No. 247,206; published July 1, 1927. Class 4.

Pa-Lu Company, The, Washington, D. C. Preparations intended to render pimples temporarily invisible and for use as a styptic for use after shaving, etc. 233,039; Sept. 20; Serial No. 242,392; published July 12, 1927. Class 6.

Pathé Exchange, Inc., New York, N. Y. Cinematographic films. 233,108-10; Sept. 20; Serial Nos. 231,206-8; published July 12, 1927. Class 26.

Payne Coal Company, Inc., The, Wilkes-Barre, Pa. Coal. 233,006; Sept. 20; Serial No. 247,564; published July 12, 1927. Class 1.

Pennoyer, Charles H., doing business as Community Pulpit, Pawtucket, R. I., and Boston, Mass. Posters. 232,990; Sept. 20; Serial No. 242,252; published July 12, 1927. Class 38.

Peplin, Arthur H., St. Paul, Minn. Battery compound. 233,015; Sept. 20; Serial No. 246,928; published July 12, 1927. Class 6.

Pfaffmann Egg Noodle Company, The, Cleveland, Ohio. Alimentary paste products. 233,071; Sept. 20; Serial No. 248,374; published July 12, 1927. Class 46.

Phenix Cheese Corporation, New York, N. Y. Cheese. 233,141; Sept. 20; Class 46.

Phenix Hosiery Company, Milwaukee, Wis. Hosiery. 232,945; Sept. 20; Serial No. 248,787; published July 5, 1927. Class 39.

Photo-Era Publishing Co., Wolfboro, N. H. Magazine. 232,920; Sept. 20; Serial No. 248,721; published July 12, 1927. Class 38.

Pitt, C. M., & Sons Company, The, Baltimore, Md. Cake mixture. 232,847; Sept. 20; Serial No. 248,251; published July 5, 1927. Class 46.

Pittsburgh Pretzel Co., Limited. (See McNeal, H. B.)

Plapao Laboratories, Inc., doing business as Stuart P. P. Company, St. Louis, Mo. Ointment. 233,065; Sept. 20; Serial No. 248,513; published July 12, 1927. Class 6.

Poland Soap Works, Anniston, Ala. Washing powder. 232,942; Sept. 20; Serial No. 249,748; published July 5, 1927. Class 4.

Powers, Patrick A., Los Angeles, Calif., and New York, N. Y. Talking-motion-picture films. 233,053; Sept. 20; Serial No. 249,750; published July 12, 1927. Class 26.

Purity Chemical Products Company, Santa Rosa, Calif. Cleaning material. 233,086; Sept. 20; Serial No. 244,572; published July 5, 1927. Class 4.

Quaker Oats Company, The, Chicago, Ill. Wheat and corn flour and corn meal. 232,887; Sept. 20; Serial No. 248,726; published July 12, 1927. Class 46.

Quaker Oats Company, The, Chicago, Ill. Macaroni. 232,838; Sept. 20; Serial No. 248,725; published July 5, 1927. Class 46.

Quaker Petroleum Company, The, Omaha, Nebr. Lubricating oils. 233,122; Sept. 20; Class 15.

Ralston Purina Company, St. Louis, Mo. Poultry feed. 232,932; Sept. 20; Serial No. 248,323; published July 5, 1927. Class 46.

Rand McNally and Company, Chicago, Ill. Publication. 232,989; Sept. 20; Serial No. 242,503; published July 12, 1927. Class 38.

Readybuilt Products Company, The, Baltimore, Md. Fireplaces. 233,075; Sept. 20; Serial No. 248,196; published July 5, 1927. Class 12.

Refinery Products Limited, London, England. Absorbent earth or clay. 232,996; Sept. 20; Serial No. 247,964; published July 12, 1927. Class 6.

Reichard-Coulston Inc., New York, N. Y. Dry-earth pigments. 232,894; Sept. 20; Serial No. 247,098; published July 12, 1927. Class 16.

Reichard-Coulston Inc., New York, N. Y. Dry-earth pigments for use particularly in paints. 232,937; Sept. 20; Serial No. 247,100; published July 12, 1927. Class 16.

Rekowitz Baking Co. (See Beuchel, Bertha.)

Reversible Collar Company, doing business as Middlesex Products Company, Boston, Mass. Paper backed with an adhesive-applied layer of cloth. 232,853; Sept. 20; Serial No. 247,910; published July 5, 1927. Class 37.

Riccardi, John, doing business as Roman Cleanser Company, Detroit, Mich. Washing fluid. 233,087; Sept. 20; Serial No. 244,184; published July 5, 1927. Class 4.

Rice-Stix Dry Goods Company. (See Van Dyke Knitting Company, assignor.)

River Raising Paper Company, Monroe, Mich. Fibrous paper used for shipping cases. 232,846; Sept. 20; Serial No. 248,256; published July 12, 1927. Class 37.

Robinson, Herman, doing business as Robinson's Furniture Mfg. Co., Los Angeles, Calif. Furniture. 232,892; Sept. 20; Serial No. 246,984; published July 12, 1927. Class 32.

Robinson Syrup Company, Cairo, Ga. Table syrup. 233,142; Sept. 20; Class 46.

Roethlisberger & Co., Herzogenbuchsee, Switzerland. Cheese. 232,856; Sept. 20; Serial No. 247,572; published July 12, 1927. Class 46.

Roman Cleanser Company. (See Riccardi, John.)

Rubank, Inc., Chicago, Ill. Cement for musical instruments. 233,125; Sept. 20; Class 5.

Ruppel, Frederick H., Los Angeles, Calif. Brick, floor tile, and roof tile. 233,072; Sept. 20; Serial No. 248,325; published June 28, 1927. Class 12.

Sage Oak Laboratories, Inc., Rawlins, Wyo. Polishing and cleaning compounds. 232,845; Sept. 20; Serial No. 248,326; published July 12, 1927. Class 16.

Sal-O Products Co., Rockford, Ill. Salad dressing. 232,950; Sept. 20; Serial No. 249,098; published July 12, 1927. Class 46.

Savoy Drug and Chemical Company, The, Chicago, Ill. Medicinal food tonic. 233,010; Sept. 20; Serial No. 247,450; published July 12, 1927. Class 6.

Seaville, Brown & Company, Wellesville, N. Y. Canned vegetables, tea, and coffee. 232,876; Sept. 20; Serial No. 249,814; published July 12, 1927. Class 46.

Seymour Packing Co., The, Topeka, Kans. Eggs. 232,863; Sept. 20; Serial No. 250,091; published July 12, 1927. Class 46.

Shipherd, Guy D., Omaha, Nebr. False teeth. 232,928; Sept. 20; Serial No. 247,825; published July 12, 1927. Class 44.

Shoe Form Co., Inc., The, Auburn, N. Y. Shoe forms. 233,052; Sept. 20; Serial No. 248,731; published July 12, 1927. Class 50.

Shoe-Trend Corporation, The, Boston, Mass. Soles and heels for shoes. 232,976; Sept. 20; Serial No. 218,502; published July 5, 1927. Class 39.

Sigmond, Richard P., Stavanger, Norway. Canned fish. 232,986; Sept. 20; Serial No. 242,970; published July 12, 1927. Class 46.

Siltan, Ernst, Berlin, Germany. Medicines, chemical products, etc. 233,024; Sept. 20; Serial No. 245,664; published July 12, 1927. Class 6.

Simonecchi Bros., Scranton, Pa. Olive oil. 233,106; Sept. 20; Serial No. 231,284; published July 5, 1927. Class 46.

Smith's Bakery, Inc., Mobile, Ala. Bread. 232,857; Sept. 20; Serial No. 247,575; published July 5, 1927. Class 46.

Southern Plant Growers' Association, The, doing business as Alexander County Nurseries, Empire Plant Company, and the Jefferson Farms, Albany, Ga. Plants for transplanting. 233,101; Sept. 20; Serial No. 230,130; published June 28, 1927. Class 1.

Spencer, F. M., Coal Co., Columbus, Ohio. Coal. 233,066; Sept. 20; Serial No. 248,449; published July 5, 1927. Class 1.

Standard Corset Company, The, New York, N. Y. Elastic-webbing piece goods. 232,988; Sept. 20; Serial No. 242,509; published July 12, 1927. Class 42.

Standard Solvents Company. (See Swimmer, Jacob C.)

Stanley Works, The, New Britain, Conn. Butts. 232,822; Sept. 20; Serial No. 249,303; published July 12, 1927. Class 13.

Steele and Johnson Mfg. Co., Waterbury, Conn. Pipe holders, ash trays, cigar boxes, etc. 232,901; Sept. 20; Serial No. 247,499; published July 12, 1927. Class 8.

Sterling Fibreboard Company, The, New York, N. Y. Fiber board. 232,887; Sept. 20; Serial No. 246,720; published July 5, 1927. Class 37.

Stetson, John H., Company, Philadelphia, Pa. Hats and caps. 232,954; Sept. 20; Serial No. 249,201; published July 5, 1927. Class 39.

Strathmore Paper Company, Miltineague, Mass. All kinds of writing and printing paper. 232,843; Sept. 20; Serial No. 248,452; published July 12, 1927. Class 37.

Strohmeier & Arpe Co., New York, N. Y. Canned sardines concentrated tomato paste, canned tomatoes, etc. 232,985; Sept. 20; Serial No. 245,116; published July 12, 1927. Class 46.

Stuart, P. P. Company. (See Plapao Laboratories, Inc.)

Studebaker Corporation, The, South Bend, Ind. Tire covers. 232,875; Sept. 20; Serial No. 249,820; published July 12, 1927. Class 35.

Studebaker Corporation, The, South Bend, Ind. Tire covers. 232,884; Sept. 20; Serial No. 249,614; published July 12, 1927. Class 35.

Stuhr-Seldi Company, Minneapolis, Minn. Ground flax screenings. 232,878; Sept. 20; Serial No. 249,759; published July 12, 1927. Class 46.

Sun Up Coffee, Tea and Cocoa Co. (See Bournakis, Andrew J.)

Swift and Company, Chicago, Ill. Soap. 232,915; Sept. 20; Serial No. 249,244; published July 5, 1927. Class 4.

Swimmer, Jacob C., doing business as Standard Solvents Company, Brooklyn, N. Y. Thinner for lacquer. 232,826; Sept. 20; Serial No. 249,204; published July 12, 1927. Class 16.

Tamarack Ranch, Imperial County, Calif. Fresh fruits and vegetables. 232,819; Sept. 20; Serial No. 249,552; published July 12, 1927. Class 46.

Tennenbaum, Jake, Company, The, Cincinnati, Ohio. Baby walkers, bassinets, beds, etc. 233,121; Sept. 20; Serial No. 212,704; published July 12, 1927. Class 32.

Texas Company, The, Houston, Tex., and New York, N. Y. Insecticides. 233,056; Sept. 20; Serial No. 249,875; published July 12, 1927. Class 6.

Textile Publishing Company, New York, N. Y. Pictorial illustrations. 232,938; Sept. 20; Serial No. 247,046; published July 5, 1927. Class 38.

Today's Humor, Inc., Oak Park, Ill. Magazine. 232,922; Sept. 20; Serial No. 248,535; published July 12, 1927. Class 38.

Trade Publications, Inc. (See Musical America Company, assignor.)

Trafalgar Hosiery Ltd., London, England. Knitted articles of clothing. 233,096; Sept. 20; Serial No. 233,663; published Oct. 5, 1926. Class 39.

Turell, A. M., Fabrics Corporation, New York, N. Y. Silk fabrics. 232,883; Sept. 20; Serial No. 249,617; published July 12, 1927. Class 42.

Twentieth Century Bakery, Inc., Haverhill, Mass. Bread. 233,124; Sept. 20; Class 46.

Two-Fifty Sweets Co., Haverhill, Mass. Chocolate candy bar. 232,821; Sept. 20; Serial No. 249,306; published July 12, 1927. Class 46.

United Novelty Shoe Company, Indianapolis, Ind. Shoes. 233,009; Sept. 20; Serial No. 247,506; published July 5, 1927. Class 39.

U. S. Sanitary Specialties Corporation, Chicago, Ill. Soap. 233,111; Sept. 20; Serial No. 230,427; published July 12, 1927. Class 4.

Universal Accounting Company, The. (See Montambo, Daniel J.)

Universal Gypsum Company, now Universal Gypsum & Lime Co., Chicago, Ill. Boards. 232,972; Sept. 20; Serial No. 224,536; published July 5, 1927. Class 12.

Upson Company, The, Lockport, N. Y. Publications. 233,085; Sept. 20; Serial No. 244,582; published July 5, 1927. Class 38.

Utz & Dunn Company, Rochester, assignor to Dunn & McCarthy, Inc., Auburn, N. Y. Boots and shoes. 233,003; Sept. 20; Serial No. 247,764; published July 5, 1927. Class 39.

Van Dyke Knitting Company, Milwaukee, Wis., assignor to Rice-Stix Dry Goods Company, St. Louis, Mo. Underwear. 233,012; Sept. 20; Serial No. 247,347; published July 5, 1927. Class 39.

Vantine, A. A., & Co., Inc., New York, N. Y. Face powder. 233,131; Sept. 20; Class 6.

Vignes-Bombet Grocer Co., Inc., Baton Rouge, La. Wheat flour. 232,820; Sept. 20; Serial No. 249,394; published July 12, 1927. Class 46.

Volcanic Ash Company of America, The, Kansas City, Mo. Volcanic ash. 232,966; Sept. 20; Serial No. 245,416; published July 5, 1927. Class 1.

Voorhees Sales Company, Inc., New York, N. Y. Hosiery. 233,008; Sept. 20; Serial No. 247,507; published July 5, 1927. Class 39.

Wabasha Roller Mill Company, Wabasha, Minn. Wheat flour. 232,924; Sept. 20; Serial No. 248,457; published July 5, 1927. Class 46.

Wagner, Günther, Hanover, Germany. Liquid drawing inks. 232,885; Sept. 20; Serial No. 245,008; published July 12, 1927. Class 11.

Waldorf Piano Co., New York, N. Y. Pianos and player pianos. 233,107; Sept. 20; Serial No. 231,221; published July 12, 1927. Class 36.

Walla Walla Gardener's Association, Walla Walla, Wash. Fresh fruits and vegetables. 233,091; Sept. 20; Serial No. 232,596; published July 12, 1927. Class 46.

Watts, Mary K., Far Rockaway, N. Y. Pressing oil, hair shampoo, etc. 233,023; Sept. 20; Serial No. 246,318; published July 12, 1927. Class 6.

Waverly Oil Works Company, Pittsburgh, Pa. Lubricating oils and greases. 232,935; Sept. 20; Serial No. 247,721; published July 12, 1927. Class 15.

Weaver, Abe J., doing business as Weaver Manufacturing Company, Mesopotamia, Ohio. Medicine for cows. 233,030; Sept. 20; Serial No. 244,197; published July 12, 1927. Class 6.

West Process Pavement Company, Incorporated, Louisville, Ky. Asphaltic paving material. 233,070; Sept. 20; Serial No. 248,382; published June 28, 1927. Class 12.

Western Coal & Coke Co., Milwaukee, Wis. Coal. 233,045; Sept. 20; Serial No. 249,625; published July 12, 1927. Class 1.

Western Wallboard Company, Seattle, Wash. Plaster wall board. 233,149; Sept. 20; Class 12.

Western Wallboard Company, Seattle, Wash. Liquid finish. 233,150; Sept. 20; Class 16.

Wettach, John P., Pittsburgh, Pa. Stair-tread mats. 233,082; Sept. 20; Serial No. 239,211; published June 28, 1927. Class 50.
 White, Harrie W., Cleveland, Ohio. Cooked potato products. 233,145; Sept. 20. Class 46.
 White & Hodges, Everett, Mass. Oils. 232,939; Sept. 20; Serial No. 249,628; published July 5, 1927. Class 4.
 Whitman, Clarence, & Sons, Inc., New York, N. Y. Cotton piece goods. 232,877; Sept. 20; Serial No. 249,763; published July 12, 1927. Class 42.
 Whitman, Clarence, & Sons, Inc., New York, N. Y. Silk and cotton piece goods. 233,083; Sept. 20; Serial No. 249,762; published July 12, 1927. Class 42.
 Wichita Falls Motor Company, Wichita Falls, Tex. Motor trucks. 232,962; Sept. 20; Serial No. 235,242; published July 12, 1927. Class 19.

Williams, D. T., Valve Company, The, Cincinnati, Ohio. Globe and angle valves, check valves, etc. 232,850; Sept. 20; Serial No. 248,074; published July 12, 1927. Class 13.
 Williams, Ichabod T., & Sons, New York, N. Y. Logs. 233,044; Sept. 20; Serial No. 249,398; published July 12, 1927. Class 1.
 Woodville Lime Products Co., The, Toledo, Ohio. Lime. 233,048-50; Sept. 20; Serial Nos. 249,688-90; published July 5, 1927. Class 12.
 Yo-Ho Pure Food Products Co., Chicago, Ill. Potato chips and mayonnaise. 232,893; Sept. 20; Serial No. 247,053; published July 5, 1927. Class 46.
 Zaninovich, George, doing business as Orange Cove Fruit Co. and Zaninovich Bros., Orange Cove and Orosi, Calif. Fresh grapes. 233,130; Sept. 20. Class 46.

ALPHABETICAL LIST OF REGISTRANTS OF LABELS.

Bode, Hans A., doing business as Royal Hawaiian Laboratories, Honolulu, Hawaii. Royal Hawaiian. For Toilet Creams. 32,741; Sept. 20.
 Cameo Record Corporation, New York, N. Y. Romeo. For Phonograph Records. 32,742; Sept. 20.
 Cubbison, Harry G., doing business as Cubbison Cracker Co., Los Angeles, Calif. Melba Toast. For Whole Wheat Melba Toast. 32,743; Sept. 20.
 Egg-Safety Carton Co., Chicago, Ill. Sanitary Poultry Farms. For Eggs. 32,744; Sept. 20.
 Egg-Safety Carton Co., Chicago, Ill. Quality Eggs. For Eggs. 32,745; Sept. 20.
 Foster, Madam L., Louisville, Ky. Lauretta Hair Grower. For Hair Grower. 32,746; Sept. 20.

Mayo's Laboratories, Inc., Oklahoma City, Okla. Mayo's Pyorrhea Remedy. For a Pyorrhea Remedy. 32,747; Sept. 20.
 Richheimer, Fred, Floral Park, N. Y. Blue Plate Mayonnaise. For Mayonnaise. 32,748; Sept. 20.
 Royal Hawaiian Laboratories. (See Bode, Hans A.)
 Shoten, S. Hata, Limited, Honolulu, Hawaii. Tai Kama-boko. For Canned Fish Cakes. 32,749; Sept. 20.
 Smith, F. A. Upsher, doing business as Upsher Smith Co., Minneapolis, Minn. Infusion Folia-Digitalis. For Infusion of Digitalis. 32,750; Sept. 20.
 Van Nest, Eugene A., Red Hook, N. Y. Van Nest Dutchess Brand. For Apples. 32,751-2; Sept. 20.
 Van Sickle, George G., doing business as G. Van Sickle, San Francisco, Calif. Lindy. For Shaving Cream. 32,753; Sept. 20.

ALPHABETICAL LIST OF REGISTRANTS OF PRINTS.

Arden Chemical Co., Inc., doing business as Elizabeth Arden, New York, N. Y. Just as you Choose Foods. For Venetian Toilet Preparations. 10,190; Sept. 20.
 Arden Chemical Co., Inc., doing business as Elizabeth Arden, New York, N. Y. A Painted Face is Disgusting. For Venetian Toilet Preparations. 10,191; Sept. 20.
 Arden Chemical Co., Inc., doing business as Elizabeth Arden, New York, N. Y. The Preparations of Elizabeth Arden are Effective. For Venetian Toilet Preparations. 10,192; Sept. 20.

Arden Chemical Co., Inc., doing business as Elizabeth Arden, New York, N. Y. Make-Up as a Cheap Make-Up. For Venetian Toilet Preparations. 10,193; Sept. 20.
 Arden Chemical Co., Inc., doing business as Elizabeth Arden, New York, N. Y. Must You Hide Your Skin Under a Concealing Coat of Cosmetics? For Venetian Toilet Preparations. 10,194; Sept. 20.
 Cubbison, Harry G., doing business as Cubbison Cracker Co., Los Angeles, Calif. Food For Healthy Thought. For Whole-Wheat Flaxseed Crackers. 10,195; Sept. 20.

ALPHABETICAL LIST OF TRADE-MARK APPLICANTS.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

A. & J. Manufacturing Co., The, Binghamton, N. Y. Kitchen and household tools or utensils. 246,260; Sept. 20. Class 26.
 A. & J. Manufacturing Co., The, Binghamton, N. Y. Kitchen or household tools or utensils. 246,650; Sept. 20. Class 23.
 A. & J. Manufacturing Co., The, Binghamton, N. Y. Measuring spoons. 246,652; Sept. 20. Class 26.
 Aberdeen Plywood Company, Aberdeen, Wash. Veneer and plywood. 248,458; Sept. 20. Class 12.
 Acme Brick Company, Fort Worth, Tex. Bricks. 251,645; Sept. 20. Class 12.
 Adam, Frank, Electric Company, St. Louis, Mo. Switching and dimming installations and apparatus for control of lighting in theaters and auditoriums. 245,206; Sept. 20. Class 21.
 Adams, Fred D., Waterloo, Iowa. Cleansing cream and theatrical cold cream. 252,492; Sept. 20. Class 6.
 Adamson, Baeder, Company, Boston, Mass. Abrasive grains. 235,669; Sept. 20. Class 1.
 Adamson, Baeder, Company, Boston, Mass. Abrasive papers and cloths. 235,670; Sept. 20. Class 4.
 Adamson, Baeder, Company, Boston, Mass. Gelatin. 235,671; Sept. 20. Class 46.
 Adamson, Baeder, Company, Boston, Mass. Rope paper and paper useful for making paper bags, for wrapping paper, and for making abrasive paper. 235,673; Sept. 20. Class 37.
 Adamson, Baeder, Company, Boston, Mass. Pattern paper for use in stone cutting. 235,674; Sept. 20. Class 37.
 Agra Waterproof Stucco Products Co., Oakland, Calif. Stucco building material. 252,276; Sept. 20. Class 12.

Albaugh-Dover Mfg. Co., Chicago, Ill. Cream separators. 253,346; Sept. 20. Class 23.
 Allen, Mark W., & Co., Detroit, Mich. Astringents, bleach creams, dry rouges, etc. 249,881; Sept. 20. Class 6.
 American Gear Company, Jackson, Mich. Brake lining. 250,892; Sept. 20. Class 35.
 American Hair Felt Company, Chicago, Ill. Hair-felt products. 252,302; Sept. 20. Class 12.
 American Linseed Company, New York, N. Y. Linseed oil. 250,669; Sept. 20. Class 16.
 Andrew's Mill Co., Andrew's Village, Woonsocket, R. I. Worsted dress goods. 241,464; Sept. 20. Class 42.
 Armbrust Chain Company, Cambridge, R. I. Watch chains, neck chains, sautoirs, and bracelets. 253,000; Sept. 20. Class 28.
 Arnett, Flora L., Osborn, Ohio. Salve. 252,581; Sept. 20. Class 6.
 Artalin Manufacturing Company, Trenton, N. J. Battleship hollow, desk pads, table tops, etc. 246,262; Sept. 20. Class 50.
 Aspinook Co., The, Jewett City, Conn. Cotton piece goods. 250,671; Sept. 20. Class 42.
 Atlantic Yellowstone Pacific Highway (Inc.), Sioux Falls, S. Dak. Maps, periodicals, and folders. 242,562; Sept. 20. Class 38.
 Baker-Finley Chemical Company, The, Cleveland, Ohio. Shoe-shining compound. 252,412; Sept. 20. Class 4.
 Baldwin-Tarvin Company, The, Cincinnati, Ohio. Dry material for making cementitious structures. 252,183; Sept. 20. Class 12.
 Barber, W. H., Company, Minneapolis, Minn. Lubricating oils and greases. 252,811; Sept. 20. Class 15.
 Barclay & Co., New York, N. Y. Soap. 248,615; Sept. 20. Class 4.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Barker, George A., Quogue, N. Y. Pillows and cushions. 239,692; Sept. 20. Class 32.
 Baron, August W., Los Gatos, Calif. Medicinal tea. 248,616; Sept. 20. Class 6.
 Barrett, John, Los Angeles, Calif. Medicinal preparation in powder and capsule. 252,814; Sept. 20. Class 6.
 Barteldes Seed Co., The, Lawrence, Kans. Garden seed. 244,344; Sept. 20. Class 1.
 Baruchson, Samuel, doing business as S. Baruchson Co., New York, N. Y. Hand bags, purses, and pocketbooks. 253,222-3; Sept. 20. Class 3.
 Beaver Products Company, Inc., The, Buffalo, N. Y. Mineral thermal insulating material. 247,663; Sept. 20. Class 12.
 Bement & Seltz Company, Evansville, Ind. Canned fruits, vegetables, and shellfish, table sirups, etc. 250,351; Sept. 20. Class 46.
 Bennett, Fred S., Inc., New York, N. Y. Cotton piece goods. 251,533; Sept. 20. Class 42.
 Bennett Pumps Corporation, The, Muskegon, Mich. Combined lubricant tank and nonmeasuring pump. 251,163; Sept. 20. Class 23.
 Bettoney, Harry, doing business as Cundy-Bettoney Company, Boston, Mass. Flutes, piccolos, oboes, etc. 252,138; Sept. 20. Class 36.
 Bickum, Dorothy, New York, N. Y. Undergarments for misses and women. 248,743; Sept. 20. Class 39.
 Bishop, Cyrus A., doing business as Earl's Best Pharmaceutical Company, Tarrytown, N. Y. Medicinal preparation. 252,879; Sept. 20. Class 6.
 Black, Dewitt C., Coahoma, Miss. Plastic electrical insulating materials. 247,772; Sept. 20. Class 21.
 Blackhawk Mfg. Co., Milwaukee, Wis. Lifting jacks. 252,498; Sept. 20. Class 23.
 Blass, F. M., Eugene, doing business as E. Am. Ass'n for Oxygen-Therapy, New York, N. Y. Therapeutic and prophylactic agent. 253,179; Sept. 20. Class 6.
 Block, Abraham J., New York, N. Y. Preparation for coughs and relief of irritated membranes of the throat. 252,817; Sept. 20. Class 6.
 Bode, Hans A., doing business as Royal Hawaiian Laboratories, Honolulu, Hawaii. Toilet creams, beautifying lotion, perfumes, etc. 252,009; Sept. 20. Class 6.
 Bowes "Seal-Fast" Corporation, Indianapolis, Ind. Puncture and blow-out sealing compounds. 251,297; Sept. 20. Class 5.
 Brick & Hallerstein, New York, N. Y. Paper millinery boxes. 252,082; Sept. 20. Class 2.
 Bright Star Battery Co., Hoboken, N. J. Electric batteries, flashlight batteries, etc. 250,595; Sept. 20. Class 21.
 Bringardner Shoe Company, Inc., The, Logan, Ohio. Shoes. 250,899-900; Sept. 20. Class 39.
 Brisk, Samuel, doing business as Felner Chemical Mfg. Company, Springfield, Mass. Cleaning fluid. 251,886; Sept. 20. Class 4.
 Buckley, Newhall Company, The, New York, N. Y. Electric coffee and tea pots and percolators, vacuum cleaners, sardons, etc. 241,083; Sept. 20. Class 21.
 Burrows, William J., St. Paul, Minn. Cames for leaded-glass windows. 233,358; Sept. 20. Class 12.
 California Grape Product Co., Ukiah, Calif., and New York, N. Y. Fresh grapes. 250,225-6; Sept. 20. Class 46.
 Carble Color & Chemical Co., Inc., New York, N. Y. Mor-dants for dyeing and printing. 252,884; Sept. 20. Class 6.
 Carpenter, Rebecca, Philadelphia, Pa. Hair preparations. 253,267; Sept. 20. Class 6.
 Central Ohio Paper Company, The, Columbus, Ohio. Bond and book paper and cardboards. 251,888; Sept. 20. Class 37.
 Central States Aero Co., Davenport, Iowa. Airplanes. 251,049; Sept. 20. Class 19.
 Centrif Corporation, Cleveland, Ohio. Fluid separators. 231,560; Sept. 20. Class 13.
 Cervelli, Guido I., doing business as Standard Physicians Pharmaceutical Laboratories, San Francisco, Calif. Donche powders. 253,010; Sept. 20. Class 6.
 Cheney Brothers, South Manchester, Conn. Woven, knitted, netted, and textile and pile fabrics. 253,268; Sept. 20. Class 42.
 Chicago Paint Works, Chicago, Ill. General-purpose white paste paint. 229,154; Sept. 20. Class 16.
 Chopak Textile Co., Inc., New York, N. Y. Knitted silk goods. 247,262; Sept. 20. Class 42.
 Christis, Milton, Frederick, Md. Chocolate candy. 253,085; Sept. 20. Class 46.
 Cincinnati Sheet Metal & Roofing Co., The, Cincinnati, Ohio. Sheet-metal roofing. 246,595; Sept. 20. Class 12.
 Circle F. Mfg. Co. (See White Radio Shop, assignor.)
 Clark, William T., Jacksonville, Fla. Already-prepared sandwich. 250,788; Sept. 20. Class 46.
 Cleveland Cleaner and Paste Co., The, Cleveland, Ohio. Wall-paper cleaner. 230,017; Sept. 20. Class 4.
 Cohen, Samuel, doing business as Samuel Cohen Co., New York, N. Y. Men's clothing. 247,006; Sept. 20. Class 39.

Columbus Dental Manufacturing Co., The, Columbus, Ohio. Ruga molds. 236,006; Sept. 20. Class 44.
 Consolidated Millinery Company, Chicago, Ill. Ladies' and misses' hats. 249,331; Sept. 20. Class 39.
 Consolidated Millinery Company, Chicago, Ill. Ladies' and misses' hats. 249,338; Sept. 20. Class 39.
 Consolidation Coal Company, The, New York, N. Y. Coal. 251,488; Sept. 20. Class 1.
 Cundy-Bettoney Company. (See Bettoney, Harry.)
 Daniels, Benjamin M., doing business as Imperial Products Company, St. Paul, Minn. Preparation for the treatment of dandruff and hair tonic. 247,891; Sept. 20. Class 6.
 Davidson, Henry, New York, N. Y. Watches and parts thereof. 251,718; Sept. 20. Class 27.
 Davies, John A., Wyoming, N. Y. Medicinal compound. 251,390; Sept. 20. Class 6.
 Deitsch Brothers, New York, N. Y. Traveling cases and bags, hand bags, etc. 252,318; Sept. 20. Class 3.
 Delettiez of France, Inc., New York, N. Y. Perfume atomizers, bandages, etc. 248,881; Sept. 20. Class 44.
 Delettiez of France, Inc., New York, N. Y. Laundry and toilet soaps, etc. 248,883; Sept. 20. Class 4.
 Denney, William F., doing business as Denney & Denney, Philadelphia, Pa. Astringents, astringent cerates, bleach creams, etc. 252,319; Sept. 20. Class 6.
 De Pree Company, The, Holland, Mich. Vitamin-rich extractive. 251,176; Sept. 20. Class 6.
 Dermal Research Institute. (See Thompson, R. S.)
 Die Eau de Cologne & Parfumerie-Fabrik "Glockengasse No. 4711" gegenüber der Pferdepost von Ferd. Mülhens. (See Mülhens, Paul P.)
 Diedrich, Marcellus B., doing business as Lindsley Chemical Company, Ridgeville, Ohio. Fly spray, disinfectants, and insecticides. 250,400; Sept. 20. Class 6.
 Dietz & Trivett, Co., Inc., New York, N. Y. Seeds, bulbs, and plants. 251,178; Sept. 20. Class 1.
 Dinty, Inc., New York, N. Y. Perfumes, powders, and toilet preparations, etc. 252,092; Sept. 20. Class 6.
 Domestic Electric Refrigerator Corporation, New York, N. Y. Electric refrigerators. 252,765; Sept. 20. Class 31.
 Doniger, David D., & Co., New York, N. Y. Sport wear. 240,162; Sept. 20. Class 39.
 Dupont, Donat, executor of the Estate of Philippe Dupont, Auburn, Me. Bread. 252,093; Sept. 20. Class 46.
 E. Am. Ass'n for Oxygen-Therapy. (See Blass, F. M. Eugene.)
 Earl's Best Pharmaceutical Company. (See Bishop, Cyrus A.)
 Eicken, Dr., & Co. G. m. b. H., Cologne, Germany. Eau de cologne. 224,554; Sept. 20. Class 6.
 Electro-Thermal Company, The, Steubenville, Ohio. Medicated lubricant. 252,371; Sept. 20. Class 6.
 Elevator Supplies Company, Inc., Hoboken, N. J. Electrically-operated signal lantern for elevators or other vehicles. 237,409; Sept. 20. Class 21.
 Em-Dee Supply Company. (See Gilbert, Levi L.)
 Engle, Axel, Atlanta, Ga. Daily comic strip. 238,312; Sept. 20. Class 38.
 Epstein, Maurice, doing business as The Midwest Cap Works, Denver, Colo. Men's hats and caps. 249,270; Sept. 20. Class 39.
 Eureka Woolen Mills, Portland, Oreg. Clothing. 237,601; Sept. 20. Class 39.
 Experimenter Publishing Company, New York, N. Y. Magazine. 253,209; Sept. 20. Class 38.
 Fairchild Bros. & Foster, New York, N. Y. Extract prepared from the fresh liver of the calf or sheep. 252,421; Sept. 20. Class 6.
 Fairchild Company, Chicago, Ill. Magazines. 253,126-7; Sept. 20. Class 38.
 Fama, Theresa, Clearfield, Pa. Preparation for the relief of rheumatism. 252,824; Sept. 20. Class 6.
 Farnam Cheshire Lime Company, Cheshire, Mass. Lime. 226,765; Sept. 20. Class 12.
 Felner Chemical Mfg. Company. (See Brisk, Samuel.)
 Fennell System, Inc., Hannibal, Mo. Solvent cleansers. 248,036; Sept. 20. Class 4.
 Ford, C. P., & Co., Incorporated, Rochester, N. Y. Shoes. 251,129; Sept. 20. Class 39.
 Frisch Brothers, Wilmington, Del. Horn or other loud-speaking units for radio receiving sets. 221,605; Sept. 20. Class 21.
 Frischkorn, Robert W., doing business as Robert Walter Company, Detroit, Mich. Deodorant. 250,171; Sept. 20. Class 6.
 Frithie Home Company, Frederick, Md. Souvenirs. 249,412; Sept. 20. Class 50.
 Froehner, Max J., doing business as M. J. Froehner, Lodi, Calif. Fresh grapes and cherries. 253,303; Sept. 20. Class 46.
 Garden City Publishing Company, The, Garden City, N. Y. Books. 250,407; Sept. 20. Class 38.
 Gebrüder Siemens & Company, Berlin-Lichtenberg, Germany. High-ohmic electric resistance compound. 231,916; Sept. 20. Class 21.
 Gemex Company. (See New Jersey Chain Corporation.)
 Gilbert, Levi L., doing business as Em-Dee Supply Company, Muskegon, Mich. Surgical pads, surgical mattresses, etc. 252,830; Sept. 20. Class 44.

ALPHABETICAL LIST OF TRADE-MARK APPLICANTS.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Giorgetti, L. & Co., Minkler, Calif. Fresh deciduous fruits. 241,411; Sept. 20. Class 46.

Glaser, Leo, New York, N. Y. Suits, overcoats, topcoats, and trousers. 251,225; Sept. 20. Class 39.

Glaser, Sidney U., Sayre, Pa. Medicine for coughs. 253,369; Sept. 20. Class 6.

Goldstein Bros. & Brown, New York, N. Y. Men's suits, overcoats, and topcoats. 249,001; Sept. 20. Class 39.

Golo Slipper Co., New York, N. Y. Shoes. 251,226; Sept. 20. Class 39.

Goodman, Cohen & Co., New York, N. Y. Shirts. 248,406; Sept. 20. Class 39.

Grandin, Louis M., doing business as Grandin Long Co., New York, N. Y. Intercommunicating telephones. 251,272; Sept. 20. Class 21.

Grange, Mrs. Jessie C., Rochester, N. Y. Printed verses and drawings. 240,799; Sept. 20. Class 38.

Granite Clothing Mfg. Co., The, Columbus, Ohio. One, two, and three piece suits, pants, etc. 252,703; Sept. 20. Class 39.

Green, A. P., Fire Brick Company, Mexico, Mo. Air-setting cement. 251,754; Sept. 20. Class 12.

Green-Haas-Schwartz Company, The, Cleveland, Ohio. Knitted fabrics. 242,124; Sept. 20. Class 42.

Greenbaum, L. & Sons Co., Inc., New York, N. Y. Gas heaters and gas and oil water heaters and range boilers. 246,207; Sept. 20. Class 34.

Greenville Rubber Company, Greenville, Ohio. Tire boots, tire patches, refiners, and repair kits. 251,757; Sept. 20. Class 35.

Handler, William, East Cleveland, Ohio. Face powder and cleansing cream. 252,838; Sept. 20. Class 6.

Hansen Packing Company, Butte, Mont. Hog food and chicken food. 252,383; Sept. 20. Class 46.

Harris, Al, New York, N. Y. Semimade dresses, frocks, and gowns. 252,507; Sept. 20. Class 39.

Hartmann Trunk Company, Racine, Wis. Suitcases. 251,338; Sept. 20. Class 3.

Heldt, Benjamin & Co., Inc., New York, N. Y. Ladies' and misses' outer garments. 250,239; Sept. 20. Class 39.

Helm Chemical Company, Benton Harbor, Mich. Tonic for blood and nerves. 252,840; Sept. 20. Class 6.

Herkeurath, Hugo, Merseburg, Germany. Table knives and forks, scissors, chisels, etc. 251,274; Sept. 20. Class 23.

Hewitt, Frank, doing business as Frank Hewitt & Co., New York, N. Y. Fresh deciduous grapes and fresh grapes. 252,202; Sept. 20. Class 46.

Hoffbauer, Dr. Richard, Berlin, Germany. Pharmaceutical preparations. 246,478; Sept. 20. Class 6.

Hood Rubber Company, Watertown, Mass. Pneumatic and cushion tires and tubes. 252,774; Sept. 20. Class 35.

Horwood, E. H., & Co., Hoboken, N. J., and New York, N. Y. Infants' and children's nightgowns. 252,653; Sept. 20. Class 39.

Horwood, E. H., & Co., Hoboken, N. J., and New York, N. Y. Pyjamas. 252,709; Sept. 20. Class 39.

Hudnut, Richard, New York, N. Y. Cold cream, bath salts, etc. 252,963; Sept. 20. Class 6.

Hudnut, Richard, New York, N. Y. Soap. 252,964; Sept. 20. Class 4.

Hy-Glo-Lac Co., The, (See Schofield, Henry N.)

Hyman, Harry, New York, N. Y. Mouth wash in capsules. 253,189; Sept. 20. Class 6.

Imperial Products Company, (See Daniels, Benjamin M.)

Independent Oil Men of America, Chicago, Ill. Motor lubricating oil. 250,542; Sept. 20. Class 15.

Industrial Fibre Company, Inc., The, Cleveland, Ohio. Yarn. 252,432; Sept. 20. Class 43.

International Fire Equipment Corporation, West New Brighton, N. Y. Fire-extinguishing grenades and supports therefor. 249,905; Sept. 20. Class 23.

International Worsted Mills, Methuen, Mass., and New York, N. Y. Worsted goods. 253,095; Sept. 20. Class 42.

Johnson, Carvell & Murphy, Los Angeles, Calif. Antipaste. 252,848; Sept. 20. Class 6.

Johnson Motor Products Co., Inc., Chicago, Ill. Repair links for nonskid chains for automobiles. 249,914; Sept. 20. Class 13.

Johnson, W. H., & Son Company, Indianapolis, Ind. Heating-radiator shields and inclosures. 239,035; Sept. 20. Class 34.

Kanai Fruit & Land Co., Ltd., Honolulu, Hawaii. Canned pineapple. 246,756; Sept. 20. Class 46.

Kelly Axe & Tool Co., Inc., Charleston, W. Va., and New York, N. Y. Axes, axes, grass hooks, hammers, etc. 251,561; Sept. 20. Class 23.

Keuffel & Esser Company, Hoboken, N. J. Blue-print paper. 250,697; Sept. 20. Class 26.

Kloster Steel Corporation, Chicago, Ill. Tool steel. 250,553; Sept. 20. Class 14.

Krause, F., & Co., Inc., Jersey City, N. J. Wire-drawing dies, lathe cutting tools, and rock drills. 252,333; Sept. 20. Class 23.

Krauth & Beninghofen, Hamilton, Ohio. Music stand. 248,181; Sept. 20. Class 36.

Kress, S. H., & Co., New York, N. Y. Tablets, paperettes, and correspondence envelopes. 252,906; Sept. 20. Class 37.

Krusius, Hulda, doing business as Krusius Brothers, executrix of the estate of Ewald Krusius, deceased, assignor to Henry Krusius, Weekawken, N. J. Knives of base metal, razors, and scissors. 251,347; Sept. 20. Class 23.

Lackawanna Mills, The, Scranton, Pa. Underwear. 252,657; Sept. 20. Class 39.

La Société Industrielle des Matières Plastiques, Paris, France. Handles for canes, parasols, and umbrellas. 233,086; Sept. 20. Class 41.

Lawrenz, William F., Long Beach, Calif. Dentifrice. 252,245; Sept. 20. Class 6.

Leigh Chemist, Inc., New York, N. Y. Lotions for the skin. 237,607; Sept. 20. Class 6.

Les Etablissements Paulene Frères, Paris, France. Dentary cement. 251,916; Sept. 20. Class 44.

Lesquendren, Incorporated, New York, N. Y. Eyelash support for toilet purposes. 250,699; Sept. 20. Class 44.

Lichfenstein & Lieberman, Inc., New York, N. Y. Hats. 252,337; Sept. 20. Class 39.

Liebmann, Elias, doing business as Dr. E. Liebmann's Medical Laboratory, New York, N. Y. Medicinal preparation. 244,453; Sept. 20. Class 6.

Liebovitz, S., & Sons, Inc., New York, N. Y. Sport jackets and weatherproof jackets. 251,847; Sept. 20. Class 39.

Lifton Mfg. Company, The, New York, N. Y. Talking machines, sound boxes, phonographs, etc. 246,033; Sept. 20. Class 36.

Lilly, Eli, and Company, Indianapolis, Ind. Compound of menthol, menthol, and tolu. 251,192; Sept. 20. Class 6.

Lincoln Electric Company, The, Cleveland, Ohio. Fluxing and coating materials for use in arc welding. 252,851; Sept. 20. Class 6.

Lindley Chemical Company, (See Diederich, Marcellus B.)

Mald-Rite Corporation, Brooklyn, N. Y. Slippers and shoes. 251,406; Sept. 20. Class 39.

Marshall Drug Company, The, Cleveland, Ohio. Noninflammable dry-cleansing liquid. 233,448; Sept. 20. Class 4.

Masteller Coal Company, The, Keyser, W. Va. Coal. 250,927; Sept. 20. Class 1.

Matthews, W. N., Corporation, St. Louis, Mo. Earth anchors. 251,062-3; Sept. 20. Class 14.

Matson Manufacturing Company, The, Philadelphia, Pa. Suits, topcoats, and dresses and skirts. 252,473; Sept. 20. Class 39.

McAdoo & Allen Wetling Co., Quakertown, Pa. Leather. 247,958; Sept. 20. Class 1.

McEwen, Irving, Omaha, Nebr. Liquid, toilet, skin, bath, and baby soap. 250,950; Sept. 20. Class 4.

McEwen, Irving, Omaha, Nebr. Hairdressing. 251,302; Sept. 20. Class 6.

McEwen, Irving, Omaha, Nebr. Toilet cream, cold cream, cleansing cream, etc. 251,974; Sept. 20. Class 6.

Merrell-Soule Company, Syracuse, N. Y. Lemon-ole filling. 253,034; Sept. 20. Class 46.

Midwest Cap Works, (See Epstein, Maurice.)

Miller, Edward A., doing business as Edward A. Miller, Publishing Company, New York, N. Y. Publication. 248,707; Sept. 20. Class 38.

Mintzer, L. & Co., Inc., New York, N. Y. Suits, topcoats, and overcoats. 249,015; Sept. 20. Class 39.

Mittelman, L. & Co., Inc., New York, N. Y. Wool and cotton piece goods. 251,407; Sept. 20. Class 42.

Molony & Carter Company, Charleston, S. C. Poultry feed. 253,426; Sept. 20. Class 46.

Molony & Carter Company, Charleston, S. C. Horse and mule feeds and poultry feeds. 253,433; Sept. 20. Class 46.

Molony & Carter Company, Charleston, S. C. Horse and mule feeds. 253,434; Sept. 20. Class 46.

Moss Company, The, (See Smith, Ray W.)

Müllhens, Paul P., doing business as Die Eau de Cologne- & Parfümerie-Fabrik "Glockengasse No. 4711" gegenüber der Pferdepot von Ferd. Müllhens, Cologne-on-the-Rhine, Germany. Soaps. 242,104; Sept. 20. Class 4.

Murray-Dibrell Shoe Company, Nashville, Tenn. Leather shoes. 250,316; Sept. 20. Class 39.

New Jersey Chain Corporation, doing business as Gemex Company, Newark, N. J. Watch straps and bands, cuff links, bracelets, etc. 244,951; Sept. 20. Class 28.

New York Pie Baking Company, New York, N. Y. Pies, cookies, and cakes. 251,008; Sept. 20. Class 46.

Nix-Lix Mfg. Co., The, (See Quast, Otto K.)

Noma Electric Corporation, New York, N. Y. Christmas decorating lighting fixtures. 250,258; Sept. 20. Class 21.

Odell Company, Inc., The, Newark, N. J. Hair tonic. 253,105; Sept. 20. Class 6.

Ollendorff, I. Co., Inc., New York, N. Y. Watches, clocks and their cases and movements. 251,570; Sept. 20. Class 27.

Osman, Leo S., Washington, D. C. Hairdressing. 247,814; Sept. 20. Class 6.

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[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Pacific Egg Producers Cooperative, Inc., New York, N. Y. Eggs. 250,933; Sept. 20. Class 46.

Pacific R & H Chemical Corporation, El Monte, Calif. Reclaimed rubber. 251,928; Sept. 20. Class 1.

Paragon Oil Company, Inc., Glendale, N. Y. Gasoline and motor oils. 253,159; Sept. 20. Class 15.

Parfumerie Odette, Inc., New York, N. Y. Perfumes. 253,107; Sept. 20. Class 6.

Parfumerie St. Denis, New York, N. Y. Face powders, creams, and packs, eyebrow pencils, perfumes, etc. 249,236; Sept. 20. Class 6.

Parkersburg Rig and Reel Company, The, Parkersburg, W. Va. Storage tanks. 251,981; Sept. 20. Class 2.

Patterson-Sargent Company, The, Cleveland, Ohio. Paints, paint enamels, wood stains, etc. 252,477; Sept. 20. Class 16.

Patterson, Walter J., Chicago, Ill. Magazines. 251,852; Sept. 20. Class 38.

Peerless Shirt Co., Inc., New York, N. Y. Shirts and undershirts. 201,903; Sept. 20. Class 39.

Peerless Silver Company, (See Skotnik, Samuel.)

Pensak, Julius, doing business as Dr. Pensak's Hygienic Laboratories, Brooklyn, N. Y. Hygienic napkins. 253,109; Sept. 20. Class 44.

Pepper, John L., Toronto, Ontario, Canada. Embossed sheets for aid in practicing penmanship and drawing. 249,803; Sept. 20. Class 38.

Peterman, Wm., Inc., Passaic, N. J., and New York, N. Y. Insecticide. 252,523; Sept. 20. Class 6.

Petersen, Oddle A., doing business as Petersen Products Co., Brooklyn, N. Y. Polishes and cleaning materials. 225,488; Sept. 20. Class 4.

Petroleum Derivatives Company, Montclair, N. J. Preparation for the hair and scalp. 252,726; Sept. 20. Class 6.

Pikes Hikes, Inc., Chicago, Ill. Shoes. 251,410; Sept. 20. Class 39.

Philoprophyl Co., Ltd., Okmulgee, Okla. Scalp prophylactic. 253,110; Sept. 20. Class 6.

Pioneer Food Products Co., Newark, N. J. Canned meats. 241,958; Sept. 20. Class 46.

Pollinger, Morris D., St. Louis, Mo. Metal clip. 251,203; Sept. 20. Class 37.

Powell, Roger A., Little Rock, Ark. Ice-saving device or blanket. 247,569; Sept. 20. Class 50.

Premier Electric Company, Chicago, Ill. Electric elgar lighters. 230,642; Sept. 20. Class 21.

Prescription House, The, Houston, Tex. Laxatives. 251,206; Sept. 20. Class 6.

Press Publishing Company, New York, N. Y. Comic strip. 252,618; Sept. 20. Class 38.

Quast, Otto K., doing business as The Nix-Lix Mfg. Co., Spokane, Wash. Hair tonic. 249,806; Sept. 20. Class 6.

Roberts, Henry T., doing business as H. T. Roberts Co., Chicago, Ill. Radio receiving sets. 249,995-6; Sept. 20. Class 21.

Rogers, H. L., Co., Inc., New York, N. Y. Tobacco pouches, elgar, cigarette, and pipe cases, and leather-covered humidors. 249,542; Sept. 20. Class 8.

Root Glass Company, Terre Haute, Ind. Glass bottles. 253,201; Sept. 20. Class 23.

Rosenzweig, Lenny, & Irving Weinberg Dress Co., Inc., New York, N. Y. Ladies' dresses. 249,024; Sept. 20. Class 39.

Rubright Company, The, (See Schaaf, Ernest A.)

Rumacale Company, New York, N. Y. Measuring instruments. 242,068; Sept. 20. Class 26.

Sandvik Watch Spring Company, Inc., New York, N. Y. Main springs for watches. 248,864; Sept. 20. Class 27.

San-I-Sal Laboratories, Inc., Washington, D. C. Astringent, deodorant, antiseptic, nasal gargle, and spray. 242,912; Sept. 20. Class 6.

Sanitax Electric Co., New York, N. Y. Electric hair drier. 252,112; Sept. 20. Class 44.

Schaaf, Ernest A., doing business as The Rubright Company, Richmond, Va. Liniment. 251,245; Sept. 20. Class 6.

Schmid, Julius, Inc., New York, N. Y. Nipples. 243,022; Sept. 20. Class 44.

Schofield, Henry N., doing business as The Hy-Glo-Lac Co., Kansas City, Mo. Finishing lacquer. 251,513; Sept. 20. Class 16.

Schroeder, John, Lumber Co., Milwaukee, Wis. Refrigerators. 251,343; Sept. 20. Class 31.

Schwabacher Bros. & Co., Inc., Seattle, Wash. Dried fruits. 252,735; Sept. 20. Class 46.

Seldel, Ad., & Sons, Chicago, Ill. Cake mixes. 237,566; Sept. 20. Class 46.

Service Tool Corporation, Latrobe, Pa. Files. 253,292; Sept. 20. Class 23.

Sexton Mfg. Co., Fairfield, Ill. Men's underwear and night wear. 227,478; Sept. 20. Class 39.

Sherman & Sons Company, New York, N. Y. Cotton goods. 252,797; Sept. 20. Class 42.

Siemens & Halske Aktiengesellschaft, Berlin-Siemensstadt, Germany. Electrical machines, etc. 223,105; Sept. 20. Class 21.

Siemens-Schuckertwerke Gesellschaft mit beschränkter Haftung, Berlin, Siemensstadt, Germany. Electrical machines. 223,106; Sept. 20. Class 21.

Silten, Ernst, Berlin, Germany. Vaccine and serum, medicinal preparations, etc. 249,198; Sept. 20. Class 6.

Simons Brick Co., Los Angeles, Calif. Roofing tile. 251,689; Sept. 20. Class 12.

Skotnik, Samuel, doing business as Peerless Silver Company, Brooklyn, N. Y. Salt and pepper shakers, bread trays, cake baskets, etc. 250,422; Sept. 20. Class 28.

Stuart & Plinal Co., Wilmington, Calif. Canned fruits, vegetables, fish, and fruits, etc. 252,225; Sept. 20. Class 46.

Smith, Ray W., doing business as The Moss Company, Rochester, N. Y. Preparation for removing warts, corns, and calli. 252,483; Sept. 20. Class 6.

Solow Sales System, Inc., Buffalo, N. Y. Men's trousers and cuffs for trousers. 246,575; Sept. 20. Class 39.

Sparks-Withington Company, The, Jackson, Mich. Radio receiving sets, parts thereof, loud speakers, and parts thereof. 232,224; Sept. 20. Class 21.

Sparta Ceramic Company, The, East Sparta, Ohio. Ceramic floor and wall tiles. 244,326; Sept. 20. Class 12.

Stadtmair, Henry, Co., Inc., New York, N. Y. Violins, violas, violoncellos, etc. 242,150; Sept. 20. Class 36.

Standard Oil Company, The, Cleveland, Ohio. Petroleum products. 251,932; Sept. 20. Class 15.

Standard Oil Company, Whiting, Ind., and Chicago, Ill. Candles. 252,354; Sept. 20. Class 15.

Standard Physiological Pharmaceutical Laboratories, (See Cervelli, Guido J.)

Stauffer Chemical Company, Houston, Tex. Sulphur. 252,982; Sept. 20. Class 6.

Sterns, Frederick, & Company, Detroit, Mich. Perfume, toilet water, and face powder. 252,322-3; Sept. 20. Class 6.

Stevens, Chas. A., & Bros., Chicago, Ill. Dresses. 251,936; Sept. 20. Class 39.

Stop-A-Leak Manufacturing Company, Los Angeles, Calif. Puncture cures for pneumatic tires. 234,235; Sept. 20. Class 5.

Studebaker Corporation, The, South Bend, Ind. Automobiles. 251,872; Sept. 20. Class 19.

Studebaker Corporation, The, South Bend, Ind. Automobiles. 252,531; Sept. 20. Class 19.

Students Two-Pants Clothing Company, Inc., New York, N. Y. Coats, suits, and trousers. 248,203; Sept. 20. Class 39.

Subin Brothers, Philadelphia, Pa. Silk hosiery. 250,866; Sept. 20. Class 39.

Sweet-Orr & Co., Inc., Wappingers Falls and New York, N. Y. Coats, breeches, and pants. 251,419; Sept. 20. Class 39.

Thermo Mills, Inc., Hudson, N. Y. Knitted, netted, and textile fabrics of silk, artificial silk, etc. 252,487; Sept. 20. Class 42.

Thompson Products, Inc., Cleveland, Ohio. Pump shafts and poppet valves for internal-combustion engines. 251,522; Sept. 20. Class 23.

Thompson, R. S., doing business as Dermal Research Institute, New York, N. Y. Tonic for the treatment of the hair. 252,668; Sept. 20. Class 6.

Thurston-Helme, Inc., New York, N. Y. Hand cream, cleansing cream, cold cream, etc. 253,117; Sept. 20. Class 6.

Tobias, Julius, & Bro., Boston, Mass. Hats for misses. 252,534; Sept. 20. Class 39.

True-Tagg Paint Co., Memphis, Tenn. Brushing lacquers, prepared shellac substitutes, and varnishes. 241,759; Sept. 20. Class 16.

Uniform Products Company, Lancaster, Pa. Insecticides. 251,287; Sept. 20. Class 6.

Uniform Products Company, Lancaster, Pa. Fertilizers. 251,288; Sept. 20. Class 10.

Uniform Products Company, Lancaster, Pa. Insecticides. 251,290; Sept. 20. Class 6.

Uniform Products Company, Lancaster, Pa. Insecticides. 252,573; Sept. 20. Class 6.

Union Card & Paper Co., New York, N. Y. Bond paper and Bristol board. 252,130; Sept. 20. Class 37.

Union Talc Company of Gouverneur, New York, N. Y. Pulp made of ground, pulverized, powdered, and prepared talc. 252,293-4; Sept. 20. Class 1.

United Hardware & Tool Corporation, New York, N. Y. Portland cement. 250,655; Sept. 20. Class 12.

Utica Knife and Razor Company, Utica, N. Y. Razor blades, hunting knives, shears, etc. 253,219; Sept. 20. Class 23.

Valve Equipment Company, The, Columbus, Ohio. Forged-steel and cast-steel valves. 252,232; Sept. 20. Class 13.

Velander, Otto A., Chicago, Ill. Spirit levels. 252,992; Sept. 20. Class 26.

Virginia-Carolina Chemical Corporation, Richmond, Va. Fertilizers. 253,056-9; Sept. 20. Class 10.

Virginia-Carolina Chemical Corporation, Richmond, Va. Fertilizers. 253,061; Sept. 20. Class 10.

Virginia-Carolina Chemical Corporation, Richmond, Va. Fertilizers. 253,065; Sept. 20. Class 10.

ALPHABETICAL LIST OF TRADE-MARK APPLICANTS.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Virginia-Carolina Chemical Corporation, Richmond, Va. Fertilizers. 253,065; Sept. 20. Class 10.
Wagner, Günther, Hanover, Germany. Drawing, Chinese, writing, and Indian inks. 245,009; Sept. 20. Class 11.
Walker, W. & F. Limited, Liverpool, England. Chemical substances used for disinfectants, air purifiers, and deodorizers. 249,876; Sept. 20. Class 6.
Walter, Robert, Company. (See Frischkorn, Robert W.)
Walton, Sarah, doing business as Won Sue Fun Company, San Francisco, Calif. Face creams. 250,213; Sept. 20. Class 6.
Waterman, L. E. Company, New York, N. Y. Fountain pens. 250,276; Sept. 20. Class 37.
Western Coal & Coke Co., Milwaukee, Wis. Coal. 251,879; Sept. 20. Class 1.
White Brothers, Scotts, Mich. Coal and coke. 241,363; Sept. 20. Class 1.
White, Henry J., New York, N. Y. Wheat flour. 244,904; Sept. 20. Class 46.
White Radio Shop, assignor to Circle F. Mfg. Co., Trenton, N. J. Radio broadcast receiving sets and loud speakers. 234,938; Sept. 20. Class 21.
Wichita Flour Mills Company, The, Wichita, Kans. Wheat flour. 253,403; Sept. 20. Class 46.

Wickes Brothers, Saginaw, Mich. Plate-bending rolls, hanging clamps, engine lathes, etc. 237,935; Sept. 20. Class 23.
Williamson Candy Company, Chicago, Ill. Candy confection. 253,488; Sept. 20. Class 46.
Willits, Irving B., and Charles S. Miller, Pittsburgh, Pa. Pipes and tobacco pouches. 250,335; Sept. 20. Class 8.
Won Sue Fun Company. (See Walton, Sarah.)
Woodward, Ruby, Oklahoma City, Okla. Cloth-covered hangers. 250,662; Sept. 20. Class 50.
Worcester Lawn Mower Company, Worcester, Mass. Lawn mowers. 240,327; Sept. 20. Class 23.
Wrenn Paper Company, The, Middletown, Ohio. Blotting paper. 252,752; Sept. 20. Class 37.
Wreusch, Ruhe & Hettrick Co., Milwaukee, Wis. Ladies' hats. 252,490; Sept. 20. Class 39.
York Heating & Ventilating Corporation, Bridgeport and Philadelphia, Pa. Air conditioning apparatus. 250,589; Sept. 20. Class 34.
Zimet, Harry, & Co., Inc., New York, N. Y. Ladies', women's, and children's coats. 249,031; Sept. 20. Class 39.
Zophar Mills, Inc., Brooklyn, N. Y. Disinfectant and deodorizer. 252,671; Sept. 20. Class 6.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED.

CLASS 1.

Coal. Campbell Coal Company. 233,028; Sept. 20; Serial No. 244,540; published July 5, 1927.
Coal. Lake and Export Coal Corporation of New York. 233,068; Sept. 20; Serial No. 248,413; published July 12, 1927.
Coal. Old Ben Coal Corporation. 233,067; Sept. 20; Serial No. 248,424; published June 28, 1927.
Coal. Payne Coal Company. 233,066; Sept. 20; Serial No. 247,564; published July 12, 1927.
Coal. F. M. Spencer Coal Co. 233,066; Sept. 20; Serial No. 248,449; published July 5, 1927.
Coal. Western Coal & Coke Co. 233,045; Sept. 20; Serial No. 249,625; published July 12, 1927.
Coal and coke. C. G. Blake Company. 233,042; Sept. 20; Serial No. 249,261; published July 12, 1927.
Fabric impregnated with a stiffening substance. Celastic Corporation. 233,102; Sept. 20; Serial No. 230,955; published June 28, 1927.
Leather. Barnett Leather Co. 233,029; Sept. 20; Serial No. 244,387; published July 5, 1927.
Leather. Taunel, R. Neumann & Company. 233,004; Sept. 20; Serial No. 247,746; published July 5, 1927.
Leathers. Hunt-Rankin Leather Co. 232,947; Sept. 20; Serial No. 248,910; published July 12, 1927.
Lees, M. Nakata. 233,100; Sept. 20; Serial No. 230,496; published July 12, 1927.
Lees, Jehabod T. Williams & Sons. 233,044; Sept. 20; Serial No. 249,398; published July 12, 1927.
Plants for transplanting. Southern Plant Growers' Association. 233,101; Sept. 20; Serial No. 230,130; published June 28, 1927.
Shuttle blocks, picker-stick blanks, lawn-mower handle blanks, etc. Golf Shaft & Block Company. 232,970; Sept. 20; Serial No. 244,319; published July 5, 1927.
Splined box ends for shipping boxes, crates, etc. Daniels & Schuck, Inc. 232,997; Sept. 20; Serial No. 247,993; published June 28, 1927.
Volcanic ash. Volcanic Ash Company of America. 232,966; Sept. 20; Serial No. 245,416; published July 5, 1927.

CLASS 2.

Bags, fruit-picking. H. C. Allen. 233,129; Sept. 20.
Pocket coin holders. Bankette Co. 233,084; Sept. 20; Serial No. 244,812; published July 12, 1927.

CLASS 3.

Cases, Overnight. Hauser & Well. 232,886; Sept. 20; Serial No. 245,557; published July 5, 1927.

CLASS 4.

Abrasives and polishing compounds. Continental Optical Corporation. 232,851; Sept. 20; Serial No. 247,932; published July 12, 1927.
Cleaning material. Purify Chemical Products Company. 233,086; Sept. 20; Serial No. 244,572; published July 5, 1927.
Cleaning preparation of soap and other ingredients. Midland Chemical Laboratories, Inc. 232,941; Sept. 20; Serial No. 249,740; published July 12, 1927.
Cleansers. Dalry, J. G. Garrish. 232,904; Sept. 20; Serial No. 249,582; published July 5, 1927.
Cleansing compound, Brick. I. Kass. 232,919; Sept. 20; Serial No. 249,009; published July 5, 1927.
Cleansing fluid for textiles and fabrics. J. W. Mingus. 232,844; Sept. 20; Serial No. 248,421; published July 12, 1927.
Cream to be used on barber's strops. G. R. Curriero. 232,849; Sept. 20; Serial No. 248,086; published July 12, 1927.

Detergent preparation. Enoch Morgan's Sons Company. 232,913; Sept. 20; Serial No. 249,364; published July 5, 1927.
Oils. White & Hodges. 232,939; Sept. 20; Serial No. 249,628; published July 5, 1927.
Polish, shoe cleaning solutions, etc. Shoe. J. Q. Adams. 233,123; Sept. 20.
Polish, Silver. Klein & Son. 232,916; Sept. 20; Serial No. 249,181; published July 12, 1927.
Polishes, Metal. I-Sis Laboratories, Inc. 232,917; Sept. 20; Serial No. 249,122; published July 5, 1927.
Polishing and burnishing material. H. L. Beaver. 232,921; Sept. 20; Serial No. 248,545; published June 14, 1927.
Shoe dressing and polish. L. B. Kunkel. 232,940; Sept. 20; Serial No. 249,664; published July 5, 1927.
Soap. Arden Chemical Company. 232,833; Sept. 20; Serial No. 249,005; published July 12, 1927.
Soap. Palmolive-Poet Company. 232,897; Sept. 20; Serial No. 247,206; published July 12, 1927.
Soap. U. S. Sanitary Specialties Corporation. 233,111; Sept. 20; Serial No. 230,427; published July 12, 1927.
Soap. Swift and Company. 232,915; Sept. 20; Serial No. 249,244; published July 5, 1927.
Soap for shaving. Colgate & Company. 232,925; Sept. 20; Serial No. 247,779; published July 12, 1927.
Washing flakes. Blu-Lac, Incorporated. 233,088; Sept. 20; Serial No. 243,922; published July 12, 1927.
Washing fluid. J. Riccardi. 232,987; Sept. 20; Serial No. 244,184; published July 5, 1927.
Washing fluid, liquid. No Worry Chemical Co. 232,905; Sept. 20; Serial No. 246,767; published July 12, 1927.
Washing powder. Poland Soap Works. 232,942; Sept. 20; Serial No. 249,748; published July 5, 1927.

CLASS 5.

Cement for musical instruments. Rubank, Inc. 233,125; Sept. 20.
Cement. Liquid padding. John Farnsworth Associated, Inc. 232,987; Sept. 20; Serial No. 242,659; published July 12, 1927.
Cement, Indicator. F. H. Newman. 232,971; Sept. 20; Serial No. 246,843; published June 7, 1927.
Cement, Waterproof wood. N. A. Anderson. 232,818; Sept. 20; Serial No. 249,563; published July 12, 1927.
Tape and inner-tube patches and patch stock. Friction. Firestone Tire and Rubber Company. 233,133; Sept. 20.

CLASS 6.

Compound, Battery. A. H. Popin. 233,015; Sept. 20; Serial No. 246,928; published July 12, 1927.
Creams, beauty creams, cold creams, etc. Bleach. Palmers, Limited. 232,968; Sept. 20; Serial No. 225,964; published Apr. 26, 1927.
Depilatories. Fevrier & Decolisy. 233,060; Sept. 20; Serial No. 250,019; published July 12, 1927.
Dyestuffs. National Aniline & Chemical Company. 233,018; Sept. 20; Serial No. 250,091; published July 12, 1927.
Dyestuffs. National Aniline & Chemical Company. 233,059; Sept. 20; Serial No. 249,987; published July 12, 1927.
Dyspepsia tablets. A. C. Laverne. 233,033; Sept. 20; Serial No. 243,609; published July 12, 1927.
Earth or clay. Absorbent. Refinery Products Limited. 232,996; Sept. 20; Serial No. 247,964; published July 12, 1927.
Eye, ear, and nose drops, mouth wash, etc. J. A. Phillis. 233,034; Sept. 20; Serial No. 243,203; published July 12, 1927.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED.

Germicides, Intestinal. Dr. Kade's Medicinisch-Pharmaceutisches Fabrikations- u. Exportgeschäft Dr. Franz Lutze. 233,027; Sept. 20; Serial No. 244,773; published July 12, 1927.
Insecticide. Howell Company. 233,043; Sept. 20; Serial No. 249,363; published July 12, 1927.
Insecticide. W. J. Mendralaki. 232,953; Sept. 20; Serial No. 249,185; published July 5, 1927.
Insecticides. Texas Company. 232,056; Sept. 20; Serial No. 249,875; published July 12, 1927.
Laxative. T. Christy. 233,099; Sept. 20; Serial No. 232,321; published July 12, 1927.
Laxative. Hendrix Aqua Lax Company. 233,132; Sept. 20.
Laxative compound for expelling worms from animals. G. A. Jeffreys. 232,955; Sept. 20; Serial No. 249,227; published July 12, 1927.
Lotion for the treatment of the eyes. F. C. Carlson. 233,057; Sept. 20; Serial No. 249,947; published July 12, 1927.
Medical preparation. Midwest Sanitarium Corporation. 233,041; Sept. 20; Serial No. 242,201; published July 12, 1927.
Medicated preparations for human use in the treatment of neurasthenia. Nonn, Limited. 233,022; Sept. 20; Serial No. 245,801; published July 12, 1927.
Medicinal food tonic. Savoy Drug and Chemical Company. 233,010; Sept. 20; Serial No. 247,450; published July 12, 1927.
Medicinal preparation for the treatment of asthma. Bear Medicine Company. 232,946; Sept. 20; Serial No. 248,806; published July 12, 1927.
Medicinal preparations, medicinal dietetic preparations, etc. C. A. F. Kahlbaum Chemische Fabrik Gesellschaft mit beschränkter Haftung. 233,126; Sept. 20.
Medicinal tablets. Laboratories Jaq Incorporated. 233,055; Sept. 20; Serial No. 249,853; published July 12, 1927.
Medicinal wine for use as a general tonic. H. T. Dewey & Sons Co. 232,944; Sept. 20; Serial No. 248,757; published July 12, 1927.
Medicine for cows. A. J. Weaver. 233,030; Sept. 20; Serial No. 244,197; published July 12, 1927.
Medicine, Laxative. L. W. Estes. 232,982; Sept. 20; Serial No. 245,899; published July 12, 1927.
Medicines, chemicals, etc. E. Ritten. 233,024; Sept. 20; Serial No. 245,664; published July 12, 1927.
Medicines, etc. Chémico-Biologie Laboratories, Incorporated. 233,046; Sept. 20; Serial No. 249,640; published July 12, 1927.
Oil, hair shampoo, etc. Pressing. M. K. Watts. 233,023; Sept. 20; Serial No. 246,318; published July 12, 1927.
Ointment. Piapao Laboratories, Inc. 233,065; Sept. 20; Serial No. 248,513; published July 12, 1927.
Perfumes, toilet water, hair tonic, etc. E. J. Fay. 233,140; Sept. 20.
Powder, cleansing cream, astringent, etc. Face. L. Dollee. 233,147; Sept. 20.
Powder, Face. A. A. Vantine & Co. 233,131; Sept. 20.
Powder, Talc. Colgate & Co. 232,969; Sept. 20; Serial No. 250,069; published July 12, 1927.
Preparation for use as a deodorant, bleach, etc. C. A. Graves. 233,073; Sept. 20; Serial No. 248,230; published July 12, 1927.
Preparation or make-up for the face and body, liquid. Camro Product Co. 233,019; Sept. 20; Serial No. 245,890; published July 12, 1927.
Preparations intended to render pimples temporarily invisible and for use as a styptic for use after shaving, etc. Pa-La Company. 233,039; Sept. 20; Serial No. 242,392; published July 12, 1927.
Remedy. Pile. Maz Co. 233,058; Sept. 20; Serial No. 249,978; published July 12, 1927.
Talc powder. Colgate & Company. 233,061; Sept. 20; Serial No. 250,068; published July 12, 1927.
Talcum powder, tooth paste, and salves. A. E. Glickman. 232,951; Sept. 20; Serial No. 249,117; published July 12, 1927.

CLASS 8.

Pipe holders, ash trays, cigar boxes, etc. Steele and Johnson Mfg Co. 232,901; Sept. 20; Serial No. 247,499; published July 12, 1927.

CLASS 9.

Shot shells. Federal Cartridge Corp. 233,089; Sept. 20; Serial No. 243,431; published July 12, 1927.

CLASS 11.

Inks, Liquid drawing. G. Wagner. 232,885; Sept. 20; Serial No. 245,008; published July 12, 1927.
Inks to obtain certain lithography results, Preparation for adding to. H. Lanschey, Inc. 232,827; Sept. 20; Serial No. 249,183; published July 12, 1927.

CLASS 12.

Boards. Universal Gypsum Company. 232,972; Sept. 20; Serial No. 224,536; published July 5, 1927.
Brick, floor tile, and roof tile. F. H. Ruppel. 233,072; Sept. 20; Serial No. 248,325; published June 28, 1927.
Building structures for use in parking automobiles. Motor Shoppers Parkadrome Markets, Inc. 233,097; Sept. 20; Serial No. 233,652; published July 5, 1927.

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Cement-controlling chemical preparations. Oil-field. Master Builders Company. 233,093; Sept. 20; Serial No. 238,447; published June 28, 1927.
Composition of earthy materials for walls, ceilings, and floors and a filler for cracks and crevices. Crafex Company. 233,047; Sept. 20; Serial No. 249,642; published July 12, 1927.
Fiber boards. Agasote Millboard Co. 232,956; Sept. 20; Serial No. 249,251; published July 5, 1927.
Fireplaces. Readybuilt Products Company. 233,075; Sept. 20; Serial No. 248,196; published July 5, 1927.
Floors or the material from which they are constructed. Hardwood. R. J. Deeney. 232,981; Sept. 20; Serial No. 245,959; published July 5, 1927.
Insulating material. Mineral thermal. Beaver Products Company. 232,911; Sept. 20; Serial No. 245,079; published May 17, 1927.
Lath, Metal. Edwards Manufacturing Company. 233,064; Sept. 20; Serial No. 248,624; published July 5, 1927.
Laths, Metal. North Western Expanded Metal Company. 232,949; Sept. 20; Serial No. 249,090; published July 5, 1927.
Lime. Augusta Lime Company. 233,054; Sept. 20; Serial No. 249,775; published July 5, 1927.
Lime. Woodville Lime Products Co. 233,048-50; Sept. 20; Serial Nos. 249,688-90; published July 5, 1927.
Lime, Hydrated. Grand Canyon Lime & Cement Co. 233,087; Sept. 20; Serial No. 242,720; published July 5, 1927.
Material for making cementitious structures and for pointing up. Baldwin-Turvin Company. 232,948; Sept. 20; Serial No. 248,951; published July 5, 1927.
Paving material, Asphaltic. West Process Pavement Company. 233,070; Sept. 20; Serial No. 248,382; published June 28, 1927.
Plaster wall board. Western Wallboard Company. 233,149; Sept. 20.
Plastic substance consisting largely of wood or other fiber, a binder, and a solvent. G. J. Lieblich Co. 233,001; Sept. 20; Serial No. 247,798; published July 5, 1927.
Sashes, doors, blinds, stairways, etc. Curtis Companies. 233,127; Sept. 20.
Tile, Glass. Boyd and Hutter Tile Company. 232,980; Sept. 20; Serial No. 246,461; published June 28, 1927.

CLASS 13.

Butts. Stanley Works. 232,822; Sept. 20; Serial No. 249,303; published July 12, 1927.
Fastener stringers and separable fasteners. Separable. Hookless Fastener Company. 232,898; Sept. 20; Serial No. 247,872; published July 12, 1927.
Toilet seats and tanks. Germain Brothers Co. 232,965; Sept. 20; Serial No. 238,819; published July 12, 1927.
Valves and valve disks. D. T. Williams Valve Company. 232,850; Sept. 20; Serial No. 248,074; published July 12, 1927.

CLASS 14.

Die-casting metal and die castings. Doeblie Die-Casting Co. 233,069; Sept. 20; Serial No. 248,398; published July 12, 1927.

CLASS 15.

Oil, Lubricating. Castolene Inc. 233,144; Sept. 20.
Oils and greases, Lubricating. Waverly Oil Works Company. 232,935; Sept. 20; Serial No. 247,721; published July 12, 1927.
Oils, Lubricating. Quaker Petroleum Company. 233,122; Sept. 20.

CLASS 16.

Lacquer, Thinner for. J. C. Swimmer. 232,826; Sept. 20; Serial No. 249,204; published July 12, 1927.
Liquid finish. Western Wallboard Company. 233,150; Sept. 20.
Paint, Paste white. McDougall-Butler Co. 232,835; Sept. 20; Serial No. 248,853; published July 12, 1927.
Paints, Liquid. Morso Limited. 233,036; Sept. 20; Serial No. 243,059; published July 12, 1927.
Pigments, Dry-earth. Reichard-Coulston Inc. 232,894; Sept. 20; Serial No. 247,098; published July 12, 1927.
Pigments for use particularly in paints, Dry-earth. Reichard-Coulston Inc. 232,937; Sept. 20; Serial No. 247,100; published July 12, 1927.
Polishing and cleaning compounds. Sage Oak Laboratories, Inc. 232,845; Sept. 20; Serial No. 248,326; published July 12, 1927.
Varnish. Minnesota Linseed Oil Paint Co. 232,828; Sept. 20; Serial No. 249,085; published July 12, 1927.
Varnish. Minnesota Linseed Oil Paint Co. 232,829; Sept. 20; Serial No. 249,083; published July 12, 1927.
Varnish. Minnesota Linseed Oil Paint Co. 232,830; Sept. 20; Serial No. 249,081; published July 12, 1927.
Varnish, paint, and paint enamels. S. A. Day Manufacturing Co. Inc. 232,991; Sept. 20; Serial No. 241,565; published July 12, 1927.

CLASS 19.

Automobiles and constructive parts thereof. A. S. Freed. 232,903; Sept. 20; Serial No. 248,171; published July 12, 1927.
Bicycles. Iver Johnson's Arms & Cycle Works. 233,112; Sept. 20; Serial No. 229,632; published July 12, 1927.

Busse and trucks, Motor. Gramm Motors, Inc. 232,840; Sept. 20; Serial No. 248,034; published July 12, 1927.
Trucks, Motor. Wichita Falls Motor Company. 232,902; Sept. 20; Serial No. 235,242; published July 12, 1927.

CLASS 21.

Cables. National Metal Molding Company. 233,136; Sept. 20.
Cells and batteries, Dry. Carbon Products Company. 233,128; Sept. 20.
Electric insulating molding compounds. Colasta Co. Inc. 232,994; Sept. 20; Serial No. 240,698; published May 31, 1927.
Electrical conductors and battery cable. P. A. Birnbach. 233,138; Sept. 20.
Radio receiving sets. Nafir Radio Corporation. 233,146; Sept. 20.

CLASS 23.

Bearings, Ball and roller. K. O. Leon. 232,961; Sept. 20; Serial No. 235,741; published July 12, 1927.
Compressors and air towers, Air. Detroit Air Compressor Co. 232,889; Sept. 20; Serial No. 246,467; published July 12, 1927.
Fire-extinguishing apparatus. Fire Gun Manufacturing Company. 232,891; Sept. 20; Serial No. 246,744; published July 12, 1927.
Knives, lawn mowers, and automobile jacks, Corp. Belknap Hardware & Manufacturing Company. 232,881; Sept. 20; Serial No. 249,696; published July 12, 1927.
Picks, Ice. Belknap Hardware & Manufacturing Company. 232,880; Sept. 20; Serial No. 249,697; published July 12, 1927.

Scalers, Fish. Enterprise Manufacturing Company. 233,134; Sept. 20.
Sprayers and parts thereof, Hand-operated portable. Hudson Manufacturing Co. 232,872-3; Sept. 20; Serial Nos. 249,901-2; published July 12, 1927.
Sprayers and parts thereof, Hand-operated portable. Hudson Manufacturing Co. 232,943; Sept. 20; Serial No. 249,903; published July 12, 1927.
Turners, spatulas, potato mashers, knives, etc., Cake. A. & J. Manufacturing Co. 233,103-4; Sept. 20; Serial Nos. 227,706-7; published Nov. 23, 1926.

CLASS 26.

Films, Cinematographic. Pathé Exchange, Inc. 233,108-110; Sept. 20; Serial Nos. 231,206-8; published July 12, 1927.
Films, Talking-motion-picture. P. A. Powers. 233,053; Sept. 20; Serial No. 249,750; published July 12, 1927.
Goggles and parts thereof. American Optical Company. 232,908; Sept. 20; Serial No. 246,063; published July 12, 1927.
Photographic shutters. Eastman Kodak Company. 232,879; Sept. 20; Serial No. 249,709; published July 12, 1927.
Traffic-signal-viewing devices. Moonbeam Manufacturing Company. 232,823; Sept. 20; Serial No. 249,285; published July 12, 1927.

CLASS 31.

Filters, Oil. S. F. Bowser & Company. 232,902; Sept. 20; Serial No. 247,517; published July 12, 1927.
Refrigerators. Kane Furniture Company. 232,896; Sept. 20; Serial No. 247,320; published July 12, 1927.

CLASS 32.

Display devices, Grocery or like storage and. Kompak-Kase Manufacturing Company. 233,143; Sept. 20.
Furniture. H. Robinson. 232,892; Sept. 20; Serial No. 246,984; published July 12, 1927.
Mattresses. Belknap Hardware & Manufacturing Company. 232,871; Sept. 20; Serial No. 249,942; published July 12, 1927.
Walkers, bassinets, beds, etc., Baby. Jake Tennenbaum Company. 233,121; Sept. 20; Serial No. 212,704; published July 12, 1927.

CLASS 34.

Lighters, Cigar and cigarette. Alfred Dunhill of London, Inc. 232,854-5; Sept. 20; Serial Nos. 247,657-8; published July 12, 1927.
Radiator shields and inclosures, Heating. W. H. Johnson & Son Company. 233,002; Sept. 20; Serial No. 247,797; published June 14, 1927.

CLASS 35.

Kits. C. L. Brinton. 233,135; Sept. 20.
Tire covers. Studebaker Corporation. 232,875; Sept. 20; Serial No. 249,820; published July 12, 1927.
Tire covers. Studebaker Corporation. 232,884; Sept. 20; Serial No. 249,614; published July 12, 1927.

CLASS 36.

Instruments, String. P. A. R. Frank. 233,139; Sept. 20.
Pianos and player pianos. Waldorf Piano Co. 233,107; Sept. 20; Serial No. 231,221; published July 12, 1927.

CLASS 37.

Books, Business record. D. J. Montambo. 232,832; Sept. 20; Serial No. 249,016; published July 12, 1927.
Fiber board. Sterling Fibreboard Company. 232,887; Sept. 20; Serial No. 246,720; published July 5, 1927.

Paper, All kinds of writing and printing. Strathmore Paper Company. 232,843; Sept. 20; Serial No. 248,452; published July 12, 1927.

Paper backed with an adhesive-applied layer of cloth. Reversible Collar Company. 232,853; Sept. 20; Serial No. 247,910; published July 5, 1927.
Paper, bristol cardboard, blank post cards, etc., Book and cover. Butler Paper Corporations. 232,848; Sept. 20; Serial No. 248,152; published July 12, 1927.
Paper, Cover. Holyoke Card & Paper Company. 232,888; Sept. 20; Serial No. 246,552; published July 5, 1927.
Paper, Printing and writing. Graham Paper Company. 232,862; Sept. 20; Serial No. 249,966; published July 12, 1927.

Paper-sealing, veneer, and stay tapes, Gummed and ungummed. Central Paper Company. 232,852; Sept. 20; Serial No. 247,927; published July 12, 1927.
Paper used for shipping cases, Fibrous. River Raisin Paper Company. 232,846; Sept. 20; Serial No. 248,256; published July 12, 1927.
Paper, Wrapping. Continental Paper & Bag Mills Corporation. 232,890; Sept. 20; Serial No. 246,268; published July 5, 1927.

Pencils, Lead. Eagle Pencil Company. 232,824; Sept. 20; Serial No. 249,267; published July 12, 1927.
Pencils, Lead. Eberhard Faber Pencil Company. 232,817; Sept. 20; Serial No. 249,577; published July 12, 1927.

CLASS 38.

House organ. New England Brick Company. 232,926; Sept. 20; Serial No. 247,810; published July 12, 1927.
Illustrations, Pictorial. Textile Publishing Company. 232,938; Sept. 20; Serial No. 247,046; published July 5, 1927.

Label strips, Woven. Narrow Fabric Co. 232,957; Sept. 20; Serial No. 236,947; published July 12, 1927.
Magazine. Ansted Publishing Co. Inc. 232,929; Sept. 20; Serial No. 245,027; published July 12, 1927.
Magazine. Halre Publishing Co. 232,995; Sept. 20; Serial No. 240,650; published July 12, 1927.
Magazine. National Council of the Daughters of America of the United States of North America. 232,934; Sept. 20; Serial No. 248,422; published July 12, 1927.
Magazine. Photo-Era Publishing Co. 232,920; Sept. 20; Serial No. 248,721; published July 12, 1927.
Magazine. Today's Humor, Inc. 232,922; Sept. 20; Serial No. 248,535; published July 12, 1927.
Newspaper section. S. Corbett. 232,914; Sept. 20; Serial No. 249,406; published July 12, 1927.
Newspaper, Title for a daily evening. News Publishing Company. 232,930; Sept. 20; Serial No. 248,185; published July 5, 1927.

Photographs. C. Banks. 233,118; Sept. 20; Serial No. 228,963; published July 12, 1927.
Posters. C. H. Pennoyer. 232,990; Sept. 20; Serial No. 242,252; published July 12, 1927.

Publication. Acacia Fraternity. 232,926; Sept. 20; Serial No. 247,156; published July 12, 1927.
Publication. Davis Press, Incorporated. 232,907; Sept. 20; Serial No. 246,085; published July 12, 1927.
Publication. Musical America Company. 232,909; Sept. 20; Serial No. 245,857; published July 5, 1927.
Publication. Rand McNally and Company. 232,989; Sept. 20; Serial No. 242,503; published July 12, 1927.
Publications. National Association of Master Plumbers. 233,092; Sept. 20; Serial No. 211,369; published July 12, 1927.
Publications. Upson Company. 233,085; Sept. 20; Serial No. 244,582; published July 5, 1927.
Tags. Denney Tag Company. 232,931; Sept. 20; Serial No. 248,226; published July 12, 1927.

CLASS 39.

Apparel, Women's and children's wearing. Felix Brunswick & Co. Inc. 233,007; Sept. 20; Serial No. 247,531; published July 5, 1927.
Boots and shoes. Endicott Johnson Corporation. 233,079-81; Sept. 20; Serial Nos. 248,033-5; published July 5, 1927.

Boots and shoes. Utz & Dunn Company. 233,003; Sept. 20; Serial No. 247,764; published July 5, 1927.
Clothing. Bond Stotes, Incorporated. 233,020; Sept. 20; Serial No. 245,887; published July 5, 1927.
Clothing for men. Joseph H. Cohen & Sons. Vanity Clothes, Inc. 233,077; Sept. 20; Serial No. 248,158; published July 5, 1927.

Clothing, Men's and boys. Missouri Clothing Co. 233,076; Sept. 20; Serial No. 248,184; published July 5, 1927.
Coats, trousers, suits, and overcoats. Geo. R. Bliss & Son, Inc. 233,062; Sept. 20; Serial No. 248,669; published July 5, 1927.

Corsets, aprons, clothing, bloomers, etc. Palais Royal, Inc. 233,031; Sept. 20; Serial No. 244,098; published July 5, 1927.

Hats and caps. John B. Stetson Company. 232,954; Sept. 20; Serial No. 249,201; published July 5, 1927.
Headwear, Sunshade. D. E. Huger. 232,952; Sept. 20; Serial No. 249,120; published July 5, 1927.

Hosiery. Climax Hosiery Mills. 233,026; Sept. 20; Serial No. 248,738; published July 5, 1927.
Hosiery. Holeproof Hosiery Company. 232,984; Sept. 20; Serial No. 245,212; published May 17, 1927.
Hosiery. Melville Shoe Corporation. 233,051; Sept. 20; Serial No. 248,704; published July 5, 1927.

Hosiery. Phoenix Hosiery Company. 232,945; Sept. 20; Serial No. 248,787; published July 5, 1927.
Hosiery. Voorhees Sales Company. 233,008; Sept. 20; Serial No. 247,507; published July 5, 1927.
Hosiery and underwear for women. A. Kobb. 233,014; Sept. 20; Serial No. 247,026; published July 5, 1927.
Hosiery, dresses, coats, suits, bloomers, underwear, etc. American Cellulose & Chemical Manufacturing Company. 233,017; Sept. 20; Serial No. 239,349; published July 5, 1927.

Knitted articles of clothing. Trafalgar Hosiery Ltd. 233,096; Sept. 20; Serial No. 233,663; published Oct. 5, 1926.
Neckties. L. Friedman Neckwear Corporation. 233,025; Sept. 20; Serial No. 246,895; published July 5, 1927.
Neckwear, Ladies'. Kadet-Kruger & Co. 233,032; Sept. 20; Serial No. 243,857; published July 5, 1927.
Nightgowns, bathing suits, etc. Auerbach Company. 233,013; Sept. 20; Serial No. 247,060; published July 5, 1927.

Overalls. F. S. Jones Co. 233,040; Sept. 20; Serial No. 242,341; published July 5, 1927.
Overalls, coats, shirts, pants, and caps. High Point Overalls Company. 232,978; Sept. 20; Serial No. 246,681; published July 5, 1927.
Overalls, work shirts, coats, and jumpers. Ades-Lexington Dry Goods Co. 233,021; Sept. 20; Serial No. 245,879; published July 5, 1927.

Raincoats and suits. Comer Manufacturing Company. 233,078; Sept. 20; Serial No. 248,089; published July 5, 1927.

Robes, Blanket, bath, lounging, and house. Behrens & Kashin, Inc. 233,074; Sept. 20; Serial No. 248,218; published July 5, 1927.
Shoes. United Shoe Company. 233,009; Sept. 20; Serial No. 247,506; published July 5, 1927.

Shoes, Soles and heels for. Shoe-Tread Corporation. 232,976; Sept. 20; Serial No. 218,502; published July 5, 1927.

Slickers, raincoats, sheepskin coats, and rain hats. Crescent Rubber Company. 233,095; Sept. 20; Serial No. 237,407; published July 5, 1927.
Suits, coats, overcoats, etc. Havens-Blair-Cartlich. 233,063; Sept. 20; Serial No. 248,636; published July 5, 1927.
Suits, Swimming. Arr Tee Knitting Mills. 233,005; Sept. 20; Serial No. 247,661; published July 5, 1927.

Underwear. Oppenheim, Oberdorf & Co. Inc. 233,016; Sept. 20; Serial No. 241,785; July 5, 1927.
Underwear. Van Dyke Knitting Company. 233,012; Sept. 20; Serial No. 247,847; published July 5, 1927.

CLASS 42.

Cotton piece goods. Clarence Whitman & Sons, Inc. 232,877; Sept. 20; Serial No. 249,763; published July 12, 1927.

Fabrica, Ornamented. C. Andrews. 233,105; Sept. 20; Serial No. 232,445; published July 12, 1927.

Nets, Hair. R. H. Macy & Co. 232,959; Sept. 20; Serial No. 236,701; published July 12, 1927.

Piece goods, Elastic-webbing. Standard Corset Company. 232,988; Sept. 20; Serial No. 242,509; published July 12, 1927.

Silk and cotton piece goods. Clarence Whitman & Sons, Inc. 233,083; Sept. 20; Serial No. 249,762; published July 12, 1927.

Silk fabrics. A. M. Turrel Fabrics Corporation. 232,883; Sept. 20; Serial No. 249,617; published July 12, 1927.

Woolen and worsted fabrics in the piece. Detmer, Bruner & Mason, Inc. 232,858; Sept. 20; Serial No. 249,956; published July 12, 1927.

Woolen and worsted fabrics in the piece. Detmer, Bruner & Mason, Inc. 232,860-70; Sept. 20; Serial Nos. 249,951-5; published July 12, 1927.

CLASS 44.

Ankle braces and supports. Anklarch Company. 233,137; Sept. 20.

Bandages, Suspensory. Johnson & Johnson. 232,825; Sept. 20; Serial No. 249,228; published July 12, 1927.

Eye shades. C. W. Knowles. 232,906; Sept. 20; Serial No. 246,486; published July 12, 1927.

Eye shades and blinds and face masks. J. B. Mossman. 233,090; Sept. 20; Serial No. 233,385; published July 12, 1927.

Teeth, False. G. D. Shipherd. 232,928; Sept. 20; Serial No. 247,825; published July 12, 1927.

Vapor inhalers, Electrically-heated. H. A. Choulard. 232,834; Sept. 20; Serial No. 248,878; published July 12, 1927.

CLASS 46.

Alimentary paste products. Pfaffmann Egg Noodle Company. 233,071; Sept. 20; Serial No. 248,374; published July 12, 1927.

Bread. J. H. Bullock. 233,120; Sept. 20; Serial No. 218,596; published July 5, 1927.

Bread. Smith's Bakery, Inc. 232,857; Sept. 20; Serial No. 247,575; published July 5, 1927.

Bread. Twentieth Century Bakery, Inc. 233,124; Sept. 20.

Butter and bread. Chabrow Brothers. 232,974; Sept. 20; Serial No. 224,078; published July 12, 1927.

Butter and eggs. P. C. Anderson. 232,923; Sept. 20; Serial No. 248,462; published July 5, 1927.

Cake mixture. C. M. Pitt & Sons Company. 232,847; Sept. 20; Serial No. 248,251; published July 5, 1927.

Cakes, pies, sandwiches, etc. Collier's Beacon Inn, Inc. 232,933; Sept. 20; Serial No. 248,348; published July 5, 1927.

Candy. American Caramel Company. 232,882; Sept. 20; Serial No. 249,632; published July 12, 1927.

Candy. Candy Bros. Mfg. Co. 232,864; Sept. 20; Serial No. 250,063; published July 12, 1927.

Candy. A. G. Morse Co. 232,912; Sept. 20; Serial No. 250,087; published July 12, 1927.

Canned fish. R. P. Sigmund. 232,986; Sept. 20; Serial No. 242,970; published July 12, 1927.

Canned fish, fruits, vegetables, and dried fruits. M. Felbusch. 232,960; Sept. 20; Serial No. 236,312; published July 12, 1927.

Canned fruits. Greco Canning Company. 232,963; Sept. 20; Serial No. 235,208; published July 5, 1927.

Canned fruits. Lincoln Packing Co. 233,098; Sept. 20; Serial No. 232,926; published July 12, 1927.

Canned fruits, vegetables, crushed fruit, and canned salmon. Olympic Foods, Inc. 233,094; Sept. 20; Serial No. 237,469; published July 12, 1927.

Canned fruits, vegetables, etc. F. Laffer & Sons. 232,836; Sept. 20; Serial No. 248,848; published July 5, 1927.

Canned sardines, concentrated tomato paste, canned tomatoes, etc. Strohmeier & Arpe Co. 232,985; Sept. 20; Serial No. 245,116; published July 12, 1927.

Canned vegetables, tea, and coffee. Scoville, Brown & Company. 232,876; Sept. 20; Serial No. 249,814; published July 12, 1927.

Cheese. Phenix Cheese Corporation. 233,141; Sept. 20; Serial No. 247,572; published July 12, 1927.

Cheese. Roethlisberger & Co. 232,856; Sept. 20; Serial No. 247,572; published July 12, 1927.

Chocolate candy bar. Two-Fifty Sweets Co. 232,821; Sept. 20; Serial No. 249,306; published July 12, 1927.

Cocoa, chocolate, biscuits, etc. Gebrüder Stollwerck A.-G. 232,958; Sept. 20; Serial No. 236,741; published July 5, 1927.

Coffee, tea, and cocoa. A. J. Bournakis. 232,992; Sept. 20; Serial No. 241,389; published July 12, 1927.

Cookies. Ontario Biscuit Company. 232,918; Sept. 20; Serial No. 249,018; published July 5, 1927.

Crackers, oatmeal wafers, etc. Graham and fruit. Battle Creek Food Co. 233,038; Sept. 20; Serial No. 242,563; published July 12, 1927.

Currents, dates, mincemeat, and peanut butter, Dried. W. H. Marvin Company. 232,979; Sept. 20; Serial No. 246,491; published July 12, 1927.

Eggs. W. S. Nordburg. 232,839; Sept. 20; Serial No. 248,646; published July 12, 1927.

Eggs. Seymour Packing Co. 232,863; Sept. 20; Serial No. 250,001; published July 12, 1927.

Feed, Poultry. Ralston Purina Company. 232,932; Sept. 20; Serial No. 248,323; published July 5, 1927.

Fish, Smoked and dried. Gorton-Pew Fisheries Company. 232,895; Sept. 20; Serial No. 247,076; published July 12, 1927.

Flax screenings, Ground. Stühr-Seidl Company. 232,878; Sept. 20; Serial No. 249,759; published July 12, 1927.

Flour. Cadick Milling Company. 233,119; Sept. 20; Serial No. 220,638; published Mar. 2, 1926.

Flour and corn meal, Wheat and corn. Quaker Oats Company. 232,837; Sept. 20; Serial No. 248,726; published July 12, 1927.

Flour, Plain and self-rising. Model Mill Company. 232,865; Sept. 20; Serial No. 250,086; published July 12, 1927.

Flour, Wheat. Omaha Flour Mills Co. 232,967; Sept. 20; Serial No. 227,676; published June 15, 1926.

Flour, Wheat. Vignes-Bombet Grocer Co. Inc. 232,820; Sept. 20; Serial No. 249,394; published July 12, 1927.

Noodles. H. B. McNeal. 232,900; Sept. 20; Serial No. 247,479; published July 5, 1927.
 Oil, Olive. Simoncelli Bros. 233,106; Sept. 20; Serial No. 231,284; published July 5, 1927.
 Oils, Vegetable. Metropolitan Vegetable Oil Co., Inc. 232,999-233,000; Sept. 20; Serial Nos. 247,806-7; published July 12, 1927.
 Olives. M. A. K. Hitzfeld, viuda de Diego Gomez. 233,035; Sept. 20; Serial No. 243,153; published July 12, 1927.
 Potato chips and mayonnaise. Yo-Ho Pure Food Products Co. 232,893; Sept. 20; Serial No. 247,053; published July 5, 1927.
 Potato products, Cooked. H. W. White. 233,145; Sept. 20.
 Poultry, Dressed. Davis-Cleaver Produce Co. 232,842; Sept. 20; Serial No. 248,557; published July 12, 1927.
 Salad dressing. Sal-O Products Co. 232,950; Sept. 20; Serial No. 249,098; published July 12, 1927.
 Sandwiches. Duncan, Sprankle & Turgeon. 233,114; Sept. 20; Serial No. 229,381; published July 5, 1927.
 Sandwiches. Duncan, Sprankle & Turgeon. 233,117; Sept. 20; Serial No. 229,379; published July 5, 1927.
 Sandwiches and coffee. Duncan, Sprankle & Turgeon. 233,113; Sept. 20; Serial No. 229,382; published July 5, 1927.
 Sandwiches and coffee. Duncan, Sprankle & Turgeon. 233,115; Sept. 20; Serial No. 229,380; published July 5, 1927.
 Sandwiches and coffee. Duncan, Sprankle & Turgeon. 233,116; Sept. 20; Serial No. 229,378; published July 5, 1927.

ALPHABETICAL LIST OF LABELS.

Blue Plate Mayonnaise. For Mayonnaise. F. Richheimer. 32,748; Sept. 20.
 Infusion Folia-Digitalis. For Infusion Digitalis. F. A. U. Smith. 32,750; Sept. 20.
 Lauretta Hair Grower. For Hair Grower. Madam L. Foster. 32,746; Sept. 20.
 Lindy. For Shaving Cream. G. G. Van Sickle. 32,753; Sept. 20.
 Mayo's Pyorrhea Remedy. For a Pyorrhea Remedy. Mayo's Laboratories, Inc. 32,747; Sept. 20.
 Melba Toast. For Whole Wheat Melba Toast. H. G. Cubbison. 32,743; Sept. 20.

ALPHABETICAL LIST OF PRINTS.

A Painted Face is disgusting. For Venetian Toilet Preparations. Arden Chemical Co., Inc. 10,191; Sept. 20.
 Food For Healthy Thought. For Whole-Wheat Flaxseed Crackers. H. G. Cubbison. 10,195; Sept. 20.
 Just as You Choose Foods. For Venetian Toilet Preparations. Arden Chemical Co., Inc. 10,190; Sept. 20.

Sausages. Feinberg Kosher Sausage Company. 232,831; Sept. 20; Serial No. 249,050; published July 12, 1927.
 Seed, parrot mixture, song restorer, etc., Mixed canary. Dog and Cat Drug Stores, Inc. 232,874; Sept. 20; Serial No. 249,841; published July 12, 1927.
 Sirup, Table. Robinson Syrup Company. 233,142; Sept. 20.
 Starches, Food. Joseph Morningstar & Co., Inc. 232,910; Sept. 20; Serial No. 245,856; published July 5, 1927.
 Wafers. Bran. B. Beuchel. 232,927; Sept. 20; Serial No. 248,276; published July 5, 1927.

CLASS 48.

Malt beverages. Golden West Brewing Company. 232,983; Sept. 20; Serial No. 245,264; published May 24, 1927.

CLASS 50.

Bottle caps. Davol Rubber Company. 232,975; Sept. 20; Serial No. 246,820; published June 28, 1927.
 Corks and stoppers, Tapered. Cork Import Corporation. 233,011; Sept. 20; Serial No. 247,860; published June 28, 1927.
 Felt, blankets and paper-makers' jackets. Appleton Woolen Mills. 232,977; Sept. 20; Serial No. 246,727; published June 28, 1927.
 Household appliance. Novelty Manufacturing Company. 232,908; Sept. 20; Serial No. 247,812; published July 5, 1927.
 Shoe forms. Shoe Form Co. 233,052; Sept. 20; Serial No. 248,731; published July 12, 1927.
 Stair-tread mats. J. P. Wettach. 233,082; Sept. 20; Serial No. 239,211; published June 28, 1927.

Quality Eggs. For Eggs. Egg-Safety Carton Co. 32,745; Sept. 20.
 Romeo. For Phonograph Records. Cameo Record Corporation. 32,742; Sept. 20.
 Royal Hawaiian. For Toilet Creams. H. A. Bode. 32,741; Sept. 20.
 Sanitary Poultry Farms. For Eggs. Egg-Safety Carton Co. 32,744; Sept. 20.
 Tal Kamaboko. For Canned Fish Cakes. S. Hata Shoten, Limited. 32,749; Sept. 20.
 Van Nest Dutchess Brand. For Apples. E. A. Van Nest. 32,751-2; Sept. 20.

Make-up Is a Cheap Make-Shift. For Venetian Toilet Preparations. Arden Chemical Co., Inc. 10,193; Sept. 20.
 Must You Hide Your Skin Under a Concealing Coat of Cosmetics? For Venetian Toilet Preparations. Arden Chemical Co., Inc. 10,194; Sept. 20.
 The Preparations of Elizabeth Arden Are Effective. For Venetian Toilet Preparations. Arden Chemical Co., Inc. 10,192; Sept. 20.

ALPHABETICAL LIST OF PATENTEEES

TO WHOM

PATENTS WERE ISSUED ON THE 20TH DAY OF SEPTEMBER, 1927.

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice). Includes patents, reissues, and designs.

Ackley, Raymond E., assignor to R. R. Donnelly and Sons Company, Chicago, Ill. Book binding and covering machine. 1,642,866; Sept. 20.
 Acme Products Company. (See Logan, William B., assignor.)
 Adrian Corporation, Inc., The. (See Adrian, Matthew B., assignor.)
 Adrian, Matthew B., assignor to The Adrian Corporation, Inc., Milwaukee, Wis. Method and apparatus for X-ray work. 1,642,915; Sept. 20.
 Affel, Herman A., Rldgewood, N. J., assignor to American Telephone and Telegraph Company. Pilot-channel-indicating system. 1,642,710; Sept. 20.
 Agnelli, Eugenio, New York, N. Y. Mechanically-operated figure toy. 1,643,001; Sept. 20.
 Ahrendts, George R., assignor to The Atlas-Globe China Company, Niles, Ohio. Casserole or similar article. Des. 73,465; Sept. 20.
 Alchele, Gottlob, Nellingen, near Esslingen, assignor, by mesne assignments, to Daimler-Benz Aktiengesellschaft, Berlin, Germany. Typewriting machine. 1,643,266; Sept. 20.
 Akers, Milton K., assignor to The Troy Metal Products Company, Troy, Ohio. Frame for food mixer. Des. 73,464; Sept. 20.
 Aktiebolaget Ljungströms Angturbin. (See Ljungström, F., and Broberg, assignors.)
 Aktiengesellschaft Brown, Boveri & Cie. (See Wichert, Alfred, assignor.)
 Alden, James H., Wahoo, Nebr. Price marker. 1,643,267; Sept. 20.
 Alexander, Johann, Zehlendorf, Berlin, Germany, assignor to General Electric Company. Mercury rectifier. 1,643,146; Sept. 20.
 Alfonso, Ernesto C., Ada, Ohio. Game. 1,642,711; Sept. 20.
 Alliance Toy & Specialty Company, The. (See Lewis, Owen L., assignor.)
 Allis-Chalmers Manufacturing Company. (See Kane, John J., assignor.)
 Allyn-Zerk Company, The. (See Bystricky, Joseph, assignor.)
 Altgelt, Herman E., assignor to Oliver Chilled Plow Works, South Bend, Ind. Cultivator. 1,642,801; Sept. 20.
 American Cable Company. (See Briggs, Arthur J., assignor.)
 American Cable Company. (See Conner, Edward A., assignor.)
 American Copper Products Corporation. (See Staples, H. A., and Beach, assignors.)
 American Cyanamid Company. (See Cooper, Kenneth F., assignor.)
 American Cyanamid Company. (See Kilbourne, Kenneth A., assignor.)
 American Dresser Tunnel Kilns, Inc. (See Morris, George D., assignor.)
 American Foundry Equipment Company, The. (See Rich, Elmer A., Jr., assignor.)
 American Gypsum Company. (See Clark, Sidney C., assignor.)
 American Laundry Machinery Company, The. (See Carroll, Emil J., assignor.)
 American Stove Company. (See Possons, Minard A., assignor.)
 American Stove Company. (See Roy, Joseph, assignor.)
 American Telephone and Telegraph Company. (See Affel, Herman A., assignor.)
 American Telephone and Telegraph Company. (See Rose, Arthur F., assignor.)
 American Telephone and Telegraph Company. (See Thorp, Vaughn P., assignor.)
 Ammann, Albert H., assignor to Jostam Manufacturing Co., Chicago, Ill. Recoil pad for guns. 1,642,835; Sept. 20.
 Ammon, Edward R., Reading, Pa. Pattern-plating attachment for circular-knitting machines. 1,642,761; Sept. 20.
 Anchor Post Fence Company. (See Thomson, Herbert G., assignor.)
 Anderson, Clarence G., Ottumwa, Iowa. Comb. 1,642,916; Sept. 20.
 Anderson, George A. (See Pierce, R. H., and Anderson.)
 Anderson, James B., and J. B. Garner, assignors to Peoples Natural Gas Company, Pittsburgh, Pa. Burner for heating apparatus. 1,642,762; Sept. 20.

Anderson, Williams. (See McLaughlin, P. T., and Anderson.)
 Andren, Birger T., assignor to A. O. Smith Corporation, Milwaukee, Wis. Attaching spring hanger to the side bars of automobile frames. 1,643,232; Sept. 20.
 Angers, Charles S., Milwaukee, Wis., assignor, by mesne assignments, to United Shoe Machinery Corporation, Paterson, N. J. Shoe rack. 1,642,712; Sept. 20.
 Angler, Edward H., Framingham, Mass. Crinkling paper. 1,643,147; Sept. 20.
 Anschutz, Edward C., assignor of one-half to F. S. and J. M. Glaser, Cleveland, Ohio. Box-clamping device. 1,642,665; Sept. 20.
 Anso Photoproductions, Inc. (See Lessler, L. W., and Bornmann, assignors.)
 Arls, Guillermo, Barcelona, Spain. Dyeing and printing with phenylamine black. 1,643,233; Sept. 20.
 Armstrong Cork Company. (See Busch, Herman F., assignor.)
 Armstrong Cork Company. (See Humphreys, C. F., and McCarthy, assignors.)
 Askelson, Benjamin A., Mazenod, Saskatchewan, Canada. Musical instrument. 1,643,044; Sept. 20.
 Atlas Elevator Devices Co. (See Welgele, Edmund.)
 Atlas-Globe China Company. (See Ahrendts, George R., assignor.)
 Auld, Frederick H., Cofumbus, Ohio. Ornamental articles of manufacture and producing the same. 1,643,045; Sept. 20.
 Automatic Electric Inc. (See Obergfell, Herbert F., assignor.)
 Avery, Archie S., Two Rivers, Wis. Band-saw dresser. 1,643,148; Sept. 20.
 Avery, Clarence W., Detroit, and D. O. Moody, Highland Park, assignors to Ford Motor Company, Detroit, Mich. Article made from a rubber composition. 1,642,666; Sept. 20.
 Bach, Oscar B., New York, N. Y. Lamp. Des. 73,466; Sept. 20.
 Bach, Oscar B., New York, N. Y. Torchère. Des. 73,467; Sept. 20.
 Bach, Oscar B., New York, N. Y. Candlestick. Des. 73,468; Sept. 20.
 Bach, Oscar B., New York, N. Y. Lamp. Des. 73,469; Sept. 20.
 Bach, Oscar B., New York, N. Y. Bridge lamp. Des. 73,470; Sept. 20.
 Bach, Oscar B., New York, N. Y. Ash tray. Des. 73,471; Sept. 20.
 Bach, Oscar B., New York, N. Y. Lamp. Des. 73,472; Sept. 20.
 Bach, Oscar B., New York, N. Y. Base for a lamp. Des. 73,473; Sept. 20.
 Bailey Meter Company. (See Elsenschitz, Robert, assignor.)
 Baker, John, Handsworth, Birmingham, England. Etching apparatus. 1,643,234; Sept. 20.
 Balazs, Dezso, San Francisco, Calif. Clasp for hand bags and like receptacles. 1,642,836; Sept. 20.
 Ballard, Ernest S., Eureka, Calif. Printing form and producing same. 1,643,046; Sept. 20.
 Balls, Arnold K., Philadelphia, Pa. Drying yeast. 1,643,047; Sept. 20.
 Barber, Basil T., Iola, Kans. Windshield cleaner. 1,643,235; Sept. 20.
 Bardons & Oliver. (See Thompson, Horace W., assignor.)
 Barnbrook, Helen B., Providence, R. I. Paper-binding tool. 1,643,193; Sept. 20.
 Barrett, Jesse L., McMillan, Mich. Boot. 1,642,715; Sept. 20.
 Barrett, John A., McMillan, Mich. Traction attachment for vehicle power wheels. 1,642,713; Sept. 20.
 Barrett, John A., McMillan, Mich. Auto-wheel sleigh runner. 1,642,714; Sept. 20.
 Barry, James J., assignor to General Seafoods Corporation, Gloucester, Mass. Fish scaler. 1,642,802; Sept. 20.
 Barutlo, Constantine B. (See Roop, C. E., Dieckmeyer, and Barutlo.)
 Bauer, William J., assignor to Foltite Chair Corporation, New York, N. Y. Collapsible chair. 1,643,107; Sept. 20.
 Baumann, Herman J., and J. F., West New York, N. J. Awning-operating device. 1,643,281; Sept. 20.
 Baumann, Herman J., and J. F., West New York, N. J. Awning-operating device. 1,643,282; Sept. 20.
 Baumann, John F. (See Baumann, Herman J., and J. F.)

Bausch and Lomb Optical Company. (See Welsh, James W., assignor.)
 Beach, Harold K. (See Staples, H. A., and Beach.)
 Beach, John M., and G. Fletcher, Grand Rapids, Mich., assignors to Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Combined radio and phonograph cabinet or similar article. Des. 73,474; Sept. 20.
 Bear, Theophilus L., Camden, N. J. Spoon. Des. 73,475; Sept. 20.
 Beck, Charles F., Park Ridge, Ill. Combination letter-box and house-number sign. Des. 73,476; Sept. 20.
 Bechgaard, Poul, Dalby, Sweden. Jaw or breaker plate for stone crushers and the like. 1,643,048; Sept. 20.
 Becht, Robert F., Silvertown, assignor to The Kenton Baking Powder Company, Cincinnati, Ohio. Marking device. 1,642,983; Sept. 20.
 Becht, Robert F., Silvertown, assignor to The Kenton Baking Powder Company, Cincinnati, Ohio. Sealing cans. 1,642,984; Sept. 20.
 Beebe, Ollie E., Lansing, Mich. Home-baker's measure. 1,642,985; Sept. 20.
 Behr, Herman, & Co. (See Crupl, Frank J., assignor.)
 Beidelstein, Frank, Milwaukee, Wis. Game board. Des. 73,477; Sept. 20.
 Bell, Jesse J., Terre Haute, Ind. Automobile seat. 1,643,236; Sept. 20.
 Bendelari, Mary E., New York, N. Y. Closure for shoe uppers. 1,643,108; Sept. 20.
 Bendix Brake Company. (See Dodge, A. Y., and McDonald, assignors.)
 Benjamin, Bert R., Oak Park, and W. Webber, La Grange, Ill., assignors to International Harvester Company. Tractor harvester. 1,643,149; Sept. 20.
 Bentzen, Aanon, New York, N. Y. Ship's rigging. 1,642,716; Sept. 20.
 Berge, Godskalk, assignor of one-third to H. Spurrier, Chicago, Ill. Decomposing insoluble minerals. 1,642,667; Sept. 20.
 Bertram, Louis H. (See Grover, A. D., and Bertram.)
 Beszczak, John M., Woburn, Mass. Monkey wrench. 1,643,002; Sept. 20.
 Beyer, Robert, Meran, Italy. Transmission mechanism. 1,642,763; Sept. 20.
 Bezack, Joseph, assignor to Marshall Field & Company, Chicago, Ill. Playground slide. Des. 73,478; Sept. 20.
 Bieher, Rudolf J., Hamburg, Germany. Manufacturing receptacles. 1,642,717; Sept. 20.
 Biggers, D. C., et al. (See Presa, Gilberto N., assignor.)
 Birch, Gustaf B. (See Cameron, J. A., and Birch.)
 Birchfield Engineering Company Limited, The. (See Chisholm, Douglas W., assignor.)
 Birdseye, Clarence, assignor to General Seafoods Corporation, Gloucester, Mass. Method in preparing foods and the product obtained thereby. Re16,740; Sept. 20.
 Bisbee, Walter G., and B. P. Hoffman, Bristow, Okla. Tubing elevator for oil wells. 1,643,283; Sept. 20.
 Björkman, George E., Paris, France. Apparatus for permanent undulation. 1,642,867; Sept. 20.
 Black, Archibald, Garden City, N. Y. Flotation device. 1,643,049; Sept. 20.
 Black, John E., Mendota, Ill. Machine for edge-uniting veneers. 1,643,194; Sept. 20.
 Blackmore, Charles C., Dayton, Ohio. Shock absorber. 1,643,050; Sept. 20.
 Blackmore, William, Sharon, Pa., assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Shock-absorbing mechanism. 1,643,051; Sept. 20.
 Blatt, Mack, assignor to E. P. Bowman, Detroit, Mich. Vacuum-cleaner nozzle. Des. 73,479; Sept. 20.
 Blaw Knox Company. (See Davidson, Harry O., assignor.)
 Blieberger, Charles, assignor of forty-five per cent to A. A. Thomas, New York, N. Y. Sound amplifier. 1,643,284; Sept. 20.
 Blondin, Joseph A., Los Angeles, Calif. Propeller. 1,642,803; Sept. 20.
 Boden, Oliver, Birmingham, assignor to Vickers Limited, Westminster, England. Time fuse for projectiles. 1,642,837; Sept. 20.
 Bodmer, Christian, and H. J. Cook, assignors to The Sanley Works, New Britain, Conn. Hand drill. 1,642,986; Sept. 20.
 Boehringer, John A., Springfield, assignor to Star Chandler Co., Inc., New York, N. Y. Strap for lighting fixtures or similar articles. Des. 73,480; Sept. 20.
 Boehringer, John A., Springfield, assignor to Star Chandler Co., Inc., New York, N. Y. Chandler. Des. 73,481; Sept. 20.
 Boessneck, Ernst, Gesellschaft mit beschränkter Haftung. (See Lieberknecht, Paul, assignor.)
 Bolling, John E., assignor to Drying Systems, Inc., Chicago, Ill. Atmospherically-controlled switch. 1,642,718; Sept. 20.
 Bollman, George O., Nokomis, and O. J. Zimmermann, Ohlman, Ill. Vehicle light. 1,642,917; Sept. 20.
 Booty, Philip C. P., assignor of one-half to M. T. Daley, Chicago, Ill. Container. 1,642,868; Sept. 20.
 Bornmann, Carl A. (See Lessler, L. W., and Bornmann.)
 Boston Dye House, Inc. (See Cibell, Abraham B., assignor.)
 Boun, Charles, Boston, Mass. Cinematographic picture with stereoscopic qualities. 1,642,918; Sept. 20.

Bove, Joseph E., Kearny, N. J. Double-tread pneumatic tire. 1,643,195; Sept. 20.
 Bowers, Thomas G., New Haven, Conn. Corset. 1,643,109; Sept. 20.
 Bowman, Edgar P. (See Blatt, Mack, assignor.)
 Brey, Charles J., Park Falls, Wis. Apparatus for felling trees and the like. 1,642,668; Sept. 20.
 Bridgeport Brass Company. (See Clark, Francis M., assignor.)
 Bridgewater Machine Company, The. (See Mason, Freeman D., assignor.)
 Briggs, Arthur J., Syracuse, assignor, by mesne assignments, to American Cable Company, Inc., New York, N. Y. Attachment for wire rope and producing the same. 1,643,110; Sept. 20.
 Brinckerhoff, Francis M., Suffern, N. Y., assignor to Pressed Steel Car Company, Pittsburgh, Pa. Articulated car. 1,642,569; Sept. 20.
 Bristol, Raymond W. (See Weigle, Edmund, assignor.)
 Broberg, Isidor. (See Ljungström, F., and Broberg.)
 Brod, Albert, New York, N. Y. Brooch or similar article. Des. 73,482; Sept. 20.
 Brod, Albert, New York, N. Y. Brooch or similar article. Des. 73,483; Sept. 20.
 Brod, Albert, New York, N. Y. Brooch or similar article. Des. 73,484; Sept. 20.
 Brod, Albert, New York, N. Y. Brooch or similar article. Des. 73,485; Sept. 20.
 Brod, Albert, New York, N. Y. Brooch or similar article. Des. 73,486; Sept. 20.
 Brod, Albert, New York, N. Y. Brooch or similar article. Des. 73,487; Sept. 20.
 Brod, Albert, New York, N. Y. Brooch or similar article. Des. 73,488; Sept. 20.
 Brod, Albert, New York, N. Y. Brooch or similar article. Des. 73,489; Sept. 20.
 Brod, Albert, New York, N. Y. Brooch or similar article. Des. 73,490; Sept. 20.
 Brod, Albert, New York, N. Y. Brooch or similar article. Des. 73,491; Sept. 20.
 Brod, Albert, New York, N. Y. Brooch or similar article. Des. 73,492; Sept. 20.
 Brod, Albert, New York, N. Y. Brooch or similar article. Des. 73,493; Sept. 20.
 Brod, Albert, New York, N. Y. Brooch or similar article. Des. 73,494; Sept. 20.
 Brogan, Michael F., Lawrence, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Heel-beveling machine. 1,642,719; Sept. 20.
 Brooke, Holman L., Bradford, England. Infinitely-variable gear. 1,642,720; Sept. 20.
 Brooke, Holman L., Bradford, England. Centrifugal clutch. 1,642,721; Sept. 20.
 Brown, Charles H., Flushing, N. Y. Shoe last. 1,642,764; Sept. 20.
 Brown, Linwood M., Pittsburgh, Pa. Steel alloy. 1,643,054; Sept. 20.
 Brown, Raymond E., assignor to Heyl & Patterson, Inc., Pittsburgh, Pa. Safety device for traveling structures. 1,642,988; Sept. 20.
 Brown, Roy W., assignor to The Firestone Tire and Rubber Company, Akron, Ohio. Vulcanizer. 1,643,196; Sept. 20.
 Buckeye Steel Castings Company, The. (See Stertzbach, Harry W., assignor.)
 Bullivant, Francis J., assignor to Valley Electric Company, St. Louis, Mo. Short-circuiting device for electric motors. 1,643,111; Sept. 20.
 Bunker, H. M., & Co. (See Gardner, Percy, assignor.)
 Burchman, John, Albuquerque, N. Mex. Automatic wash tank and deodorizer. 1,643,286; Sept. 20.
 Burnswatt, William W., assignor of one-half to W. M. Fearon, Los Angeles, Calif. Folding truck. 1,643,268; Sept. 20.
 Burton-Boston Brush Co. (See Steidle, Anton, assignor.)
 Busch, Herman F., Millvale, assignor to Armstrong Cork Company, Pittsburgh, Pa. Compressed-cork article and making the same. 1,642,989; Sept. 20.
 Butell, Adolphus S., Kansas City, Mo. Transmission. 1,643,055; Sept. 20.
 Butte, Paul C., San Francisco, Calif. Electric switch. 1,642,870; Sept. 20.
 Byrnes, Mary I., Des Moines, Iowa. Packaged unbaked-dough layer. 1,642,804; Sept. 20.
 Bystricky, Joseph, assignor to The Allyne-Zerk Company, Cleveland, Ohio. Lubricant compressor. 1,642,940; Sept. 20.
 California Cyanide Company. (See Poindexter, R. W., Jr., and Olberg, assignors.)
 Cambridge, Charles C., Savannah, Ga. Fuel tank. 1,643,237; Sept. 20.
 Cameron, James A., and G. B. Birch, assignors to Cameron Machine Company, Brooklyn, N. Y. Winding machine. 1,642,669; Sept. 20.
 Cameron Machine Company. (See Cameron, J. A., and Birch, assignors.)
 Cameron Machine Company. (See Johnstone, Robert M., assignor.)
 Campos, Thomas M., Los Angeles, Calif. Traffic signal for automobiles. 1,642,941; Sept. 20.
 Carlson, Henry F., and H. A. Recen, Leadville, Colo. Cord and thread container. 1,642,805; Sept. 20.
 Carrier Engineering Corporation. (See Carrier, Willis H., assignor.)

Carrier, Willis H., Essex Falls, assignor to Carrier Engineering Corporation, Newark, N. J. Substance and process of using the same for refrigeration purposes. 1,642,942; Sept. 20.
 Carrier, Willis H., Essex Falls, assignor to Carrier Engineering Corporation, Newark, N. J. Substance and process of using the same for refrigerating purposes. 1,642,943; Sept. 20.
 Carroll, Emil J., assignor to The American Laundry Machinery Company, Norwood, Ohio. Control means for electrically-driven machines. 1,643,197; Sept. 20.
 Carter, Ray L. (See De Wallace, Harry, assignor.)
 Carty, Richard S. (See Robinson, C. B., and Carty.)
 Causey, Joseph W., Electric Mills, Miss. Saw guide. 1,642,838; Sept. 20.
 Chadwick, Thomas H., Pittsburgh, Pa. Glass-cutting machine. 1,642,839; Sept. 20.
 Chandler, Elbert E., Los Angeles, Calif. Cotton stapling. 1,643,198; Sept. 20.
 Chappell, Marvin L., R. F., Davis, and M. M. More, El Segundo, assignor, by mesne assignments, to Contact Filtration Company, San Francisco, Calif. Clarifying and decolorizing agent and making the same. 1,642,871; Sept. 20.
 Chemische Fabrik auf Actien (vorm. E. Schering). (See Schoeller, W., and Gehrke, assignors.)
 Chemnitz, Erdmann. (See Lehmann, Carl, assignor.)
 Chicago Forging & Mfg. Co. (See Rateike, Charles J., assignor.)
 Chicago Tubing & Braiding Company. (See Fentress, James, assignor.)
 Chisholm, Angus. (See Chisholm, Charles A., assignor.)
 Chisholm, Charles A., Jenningston, assignor of one-half to A. Chisholm, Jenningston, W. Va. Rivet-setting implement. 1,643,112; Sept. 20.
 Chisholm, Douglas W., Glasgow, Scotland, assignor to The Birchfield Engineering Company Limited, Cardiff, Wales. Manufacture of butt and lap-welded tubes. 1,642,872; Sept. 20.
 Choate, Charles N., Royal Oak, Mich. Mail box. 1,642,806; Sept. 20.
 Chromczak, Antoni, Utica, N. Y. Sectional fishing rod. 1,643,003; Sept. 20.
 Cibell, Abraham B., Brookline, assignor to Boston Dye House, Inc., Malden, Mass. Drying apparatus. 1,643,056; Sept. 20.
 Cincinnati Car Company, The. (See Elliott, Thomas, assignor.)
 Cincinnati Specialty Manufacturing Company, The. (See Miller, Otto, assignor.)
 Clark, Francis M., assignor to Bridgeport Brass Company, Bridgeport, Conn. Trolley wheel. 1,642,765; Sept. 20.
 Clark, Jack, Rosedale, N. Y. Golf tee. 1,643,113; Sept. 20.
 Clark, Sidney C., assignor to American Gypsum Company, Port Clinton, Ohio. Plaster board. 1,642,840; Sept. 20.
 Clausen, Carl H., assignor to Patentaktiebolaget Central Smörjning, Solvesborg, Sweden. Forced-lubrication apparatus. 1,642,873; Sept. 20.
 Clémencet, Louis E., Paris, France. Wire-stretching device. 1,643,189; Sept. 20.
 Cloughley, Robert H., Kansas City, Mo. Controlled headlight. 1,642,919; Sept. 20.
 Coast Culvert & Flume Co. (See Pearce, William H., assignor.)
 Cochrane, Charles H., Chicago, Ill. Platen printing press. 1,642,841; Sept. 20.
 Cohen, Leon, St. Louis, Mo. Hat-size reducer. 1,643,004; Sept. 20.
 Cole, Bernard D., assignor to Musical Products Distributing Co., Inc., New York, N. Y. Radiocabinet or article of similar nature. Des. 73,495; Sept. 20.
 Commonwealth Steel Company. (See Pfleger, Harry M., assignor.)
 Commonwealth Steel Company. (See Westlake, Charles T., assignor.)
 Conner, Edward A., Stratford, Conn., assignor to American Cable Company, Inc. Attachment for wire strand and producing the same. 1,643,150; Sept. 20.
 Conservation Corporation of America. (See Rice, G. E., and Simmons, assignors.)
 Consortium für Elektrochemische Industrie. (See Mugdan, M., and Wimmer, assignors.)
 Contact Filtration Company. (See Chappell, M. L., Davis, and Moore, assignors.)
 Cook, Harris J. (See Bodner, C., and Cook.)
 Coon, Chester C., Fresno, Calif. Come-along safety guard. 1,642,874; Sept. 20.
 Cooper, Kenneth F., Great Neck, assignor to American Cyanamid Company, New York, N. Y. Fumigating applicator. 1,642,920; Sept. 20.
 Corcoran, Cornelius B., deceased, New York; M. J. Corcoran, administrator, Brooklyn, assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,643,005; Sept. 20.
 Corcoran, Michael J., administrator. (See Corcoran, Cornelius B.)
 Cowdrey, Charles F., Fitchburg, Mass. Torque-measuring machine. 1,643,151; Sept. 20.
 Criqui, Charles A. (See Larkin, Elwood T., assignor.)
 Crockett, Thomas E., Eldorado, Kans. Water-elevating apparatus. 1,642,990; Sept. 20.
 Cronenweth, Earl E., Glendale, Calif. Tire-chain applicator. 1,642,921; Sept. 20.

Crowley, James J. (See Rosenthal, U. I., and Crowley.)
 Crumrine, Chester W., assignor, by mesne assignments, to North East Appliances, Inc., Rochester, N. Y. Power mechanism. 1,643,057; Sept. 20.
 Crupl, Frank J., Brooklyn, assignor to Herman Behr & Co., Inc., Brooklyn, N. Y. Waterproof abrasive fabric and making the same. 1,642,766; Sept. 20.
 Curry, J. P., Mfg. Co. (See Foulder, Henry B., assignor.)
 Curtis, Robert E., Benton Harbor, Mich. Indicator. 1,643,238; Sept. 20.
 Cutler-Hammer Mfg. Co., The. (See Mortensen, Niels L., assignor.)
 Cutler-Hammer Mfg. Co., The. (See Wiegand, Henry J., assignor.)
 Daimler-Benz Aktiengesellschaft. (See Aichele, Gottlob, assignor.)
 Daley, Michael T. (See Booty, Philip C. P., assignor.)
 Dannenberg, Walter, Hubbard, Iowa. Hog feeder. 1,642,944; Sept. 20.
 Davidson, Harry O., assignor to Blaw Knox Company, Pittsburgh, Pa. Bridging. 1,642,945; Sept. 20.
 Davidson, Irving, Malden, Mass. Advertising device. 1,642,671; Sept. 20.
 Davis, Charles H., and H. W. Lucke, Chicago, Ill. Protective garment. 1,642,670; Sept. 20.
 Davis, Frederick C., San Francisco, Calif. Support and backing for terra cotta or other facing blocks. 1,642,842; Sept. 20.
 Davis, George E., Des Moines, Iowa, assignor of forty-nine per cent to W. Orem, Chicago, Ill. Stopper and sprinkler cap for bottles and the like. 1,643,285; Sept. 20.
 Davis, Harry A., assignor to Draper Corporation, Hopedale, Mass. Lay-actuating mechanism for looms. 1,642,769; Sept. 20.
 Davis, John, East Hartford, assignor to Hartford Empire Company, Hartford, Conn. Glassware-shaping machine. 1,642,722; Sept. 20.
 Davis, John S., near Felton, Del. Cultivator attachment. 1,643,200; Sept. 20.
 Davis, Richard F. (See Chappell, M. L., Davis, and Moore.)
 Dean, George E., Scranton, Pa. Dredger. 1,643,201; Sept. 20.
 De Both, Franciscus C. J., Nymegen, Netherlands. Preparing asphalt slabs and sheets. 1,643,059; Sept. 20.
 Debrocq, Adhemar A., Fairhance, Pa. Apparatus for drawing glass. 1,643,152; Sept. 20.
 De Cesare, Matteo, Newark, N. J., assignor, by mesne assignments, to Voices Incorporated. Sound-reproducing device. 1,642,767; Sept. 20.
 De Cesare, Matteo, Newark, N. J., assignor, by mesne assignments, to Voices Incorporated. Voice-reproducing device. 1,642,768; Sept. 20.
 De Cesare, Matteo, assignor by mesne assignments, to Metal Novelty Corporation, Newark, N. J. Windmill toy. 1,643,058; Sept. 20.
 Deere & Company. (See Thomann, Frederick A., assignor.)
 Delbel, Frank J. (See Emanuele, Charles, assignor.)
 Delster, Emil. (See Delster, William F. and E.)
 Delster Machine Company. (See Delster, William F. and E., assignors.)
 Delster, William F. and E., assignors to Delster Machine Company, Fort Wayne, Ind. Concentrating table. 1,642,843; Sept. 20.
 Delster, William F. and E., assignors to Delster Machine Company, Fort Wayne, Ind. Concentrating table. 1,643,060; Sept. 20.
 Deloney, J. C. (See Harrison, Walter L. and C. W., assignors.)
 Denney, William J., Malone, N. Y. Shade and curtain hanger. 1,643,061; Sept. 20.
 Denmire, Harold A., assignor to The General Tire and Rubber Company, Akron, Ohio. Apparatus for use in the manufacture of pneumatic tires. 1,643,202; Sept. 20.
 Dennis, Samuel K., assignor to International Harvester Company, Chicago, Ill. Elevating and depressing mechanism for cultivators. 1,643,153; Sept. 20.
 Desha, Orville U., assignor of one-fifth to The Desha Typelux Trust Estate, Fort Collins, Colo. Key action and key mechanism. 1,643,203; Sept. 20.
 Desha Typelux Trust Estate, The. (See Desha, Orville U., assignor.)
 De Suarez, Laura M. (See Marino, Francesco, assignor.)
 De Vries, Andrew, South Bend, Ind., assignor to Westinghouse Electric & Manufacturing Company. Spreader arm for transmission wires. Des. 73,496; Sept. 20.
 De Wallace, Harry, Syracuse, assignor to R. L. Carter, Phoenix, N. Y. Mortising machine. 1,642,723; Sept. 20.
 De Young, Palmer L., Greer, S. C. Grave monument. 1,643,164; Sept. 20.
 D'Humy, Fernand E., Englewood, N. J. Storage building. Re16,733; Sept. 20.
 Dieckmeyer, Leo M. (See Roop, C. E., Dieckmeyer, and Barutlo.)
 Dobson, Sylvester B. (See Driscoll, Ben B., assignor.)
 Dobson, William A., Bridgeport, Conn., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,643,114; Sept. 20.

Dodds, Ethan I., Central Valley, N. Y., assignor to H. F. Glig, Pittsburgh, Pa. Metal car end. 1,643,204; Sept. 20.

Dodge, Adiel Y., and E. G. McDonald, South Bend, Ind., assignors to Bendix Brake Company, Chicago, Ill. Brake. 1,642,844; Sept. 20.

Donahoe, Jesse L., Minneapolis, Minn. Liquid-fuel burner. 1,643,062; Sept. 20.

Donat, Frank J., Eden Prairie, Minn. Antiskid device for automobile tires. 1,642,807; Sept. 20.

Donnelly, R. R., and Sons Company. (See Ackley, Raymond E., assignor.)

Drabing, Henry E., Mounds, Ill. Automatic electric and air switch. 1,643,239; Sept. 20.

Drake, Rollin L., Port Arthur, Tex., assignor, by mesne assignments to The Texas Company, New York, N. Y. Grease-gun cartridge. 1,642,770; Sept. 20.

Draper Corporation. (See Davis, Harry A., assignor.)

Drennlog, Percy R. (See Symington, T. H., and Drennlog, Percy R.)

Driscoll, Ben B., assignor of one-half to S. B. Discenza, Hartford, Conn. Motor cycle support. 1,643,006; Sept. 20.

Drying Systems, Inc. (See Bolling, John E., assignor.)

Dubilier Condenser Corporation. (See Nyman, Alexander, assignor.)

Duffy, James J., Memphis, Tenn. Gate valve. 1,643,063; Sept. 20.

Duke, Harold H., Rockdale, Sydney, Australia. Article of manufacture suitable for floor covering. 1,642,845; Sept. 20.

Duke, Harold H., Rockdale, Sydney, assignor of one-half to J. Harris, Brighton le Sands, New South Wales, Australia. Road-paving block. 1,642,840; Sept. 20.

Duo-Run Reversible Window Company. (See Whipples, George L., assignor.)

Duplex Electric Company. (See Williams, John P., assignor.)

Du Pont, E. I., de Nemours & Company. (See Elley, H. W., and Powers, assignors.)

Economy Glass Company. (See Schrader, Ernest C., assignor.)

Els, Harry, Holgate, Ohio. Line drive and clutch control. 1,643,240; Sept. 20.

Elsenschtz, Robert, Friedenau, Berlin, Germany, assignor, by mesne assignments, to Bailey Meter Company. Gas-analysis apparatus. 1,643,155; Sept. 20.

Electrad, Inc. (See Moss, Arthur, assignor.)

Electric Auto-Lite Company, The. (See Saxon, Herman R., assignor.)

Elley, Harold W., and D. H. Powers, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of vulcanized rubber and accelerators therefor. 1,643,205; Sept. 20.

Elliott, Thomas, Cincinnati, assignor to The Cincinnati Car Company, Winton Place, Ohio. Electrically-operated railway-car door. 1,643,004; Sept. 20.

Elmen, Gustaf W., Leonia, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Receiver. 1,642,775; Sept. 20.

Emanuele, Charles, Cleveland, Ohio, assignor of one-half to Frank J. Deibel, Cleveland Heights, Ohio. Resilient material for soiling and heeling shoes. 1,642,847; Sept. 20.

Epstein, William C., Dayton, Ohio. Inclinator for garage or the like. 1,643,206; Sept. 20.

Ernst, Charles K., Buffalo, N. Y. Protecting device for areaways and the like. 1,643,207; Sept. 20.

Evanuk, Michael, Tottenville, N. Y. Astronomy device. 1,643,007; Sept. 20.

Everedy Company, The. (See Leberz, Harry J., and R. W., assignors.)

Evinrude Motor Company. (See Fennell, William J., assignor.)

Excelsa Pattern Company. (See Laub, George M., assignor.)

Fairbrother, Frederic A., Providence, R. I. Jewelry component. Re16,741; Sept. 20.

Fairchild Deflector Corporation. (See Hainline, Russell C., assignor.)

Falkenthal, Erwin, Berlin-Dahlem, Germany. Process and apparatus for mixing gases. 1,643,065; Sept. 20.

Famous Players-Lasky Corporation. (See Garbutt, F. E., and Fear, assignors.)

Farmer, Frank T., Detroit, Mich., assignor of one-half to R. E. Farmer, New York, N. Y. Ball race. 1,643,156; Sept. 20.

Farmer, Robert E. (See Farmer, Frank T., assignor.)

Fay, Thomas J., Brooklyn, N. Y. Vehicle. 1,642,946; Sept. 20.

Fear, Ralph G. (See Garbutt, F. E., and Fear.)

Fearon, William M. (See Burnswatt, William W., assignor.)

Fedders Manufacturing Company. (See Yeager, Henry M., assignor.)

Federal Glass Company, The. (See Middendorf, David L., assignor.)

Felix, Charles R., Hatfield, Pa. Composition for treating products of fiber and making same. 1,643,116; Sept. 20.

Fennell, William J., assignor to Evinrude Motor Company, Milwaukee, Wis. Water-supply connection. 1,642,672; Sept. 20.

Fentress, James, Chicago, assignor to Chicago Tubing & Braidling Company, Chicago, Ill. Hook for forming steel tubing. 1,643,008; Sept. 20.

Field, Edward A., jr. (See Field, Edward A., and E. A. jr.)

Field, Edward A., and E. A. Field, jr., Chicago, Ill. Oil burner. 1,643,115; Sept. 20.

Finney, Cassius L., et al. (See Green, Lee B., assignor.)

Firestone Steel Products Company, The. (See Swain, Joseph G., assignor.)

Firestone Tire and Rubber Company, The. (See Brown, Roy W., assignor.)

Firestone Tire and Rubber Company. (See Hogner, Edmund A., assignor.)

First National Bank, The, administrator. (See Stewart, Robert D.)

Fischer, Charles L., assignor to The Gollath Rubber Company, Cleveland, Ohio. Mold. 1,642,947; Sept. 20.

Fissel, William E., York County, Pa. Chicken counting device. 1,643,071; Sept. 20.

Fitch, John S., and J. F. Tobin, Evarts, Alberta, Canada. Gate. 1,642,875; Sept. 20.

Fleming, Willis M., Holyoke, Mass., assignor to Worthington Pump & Machinery Corporation, New York, N. Y. Valve. 1,642,724; Sept. 20.

Fletcher, George. (See Beach, J. M., and Fletcher.)

Folberth, Frederick G., and W. M., Cleveland, Ohio. Indicator for low liquid levels. 1,642,848; Sept. 20.

Folberth, William M. (See Folberth, Frederick G. and W. M.)

Foltite Chair Corporation. (See Bauer, William J., assignor.)

Foot, Leonard, Pedro Miguel, Canal Zone. Connector for telephone receivers and the like. 1,643,269; Sept. 20.

Ford Motor Company. (See Avery, C. W., and Moody, assignors.)

Ford Motor Company. (See Smith, C. J. and Hicks, assignors.)

Foulmer, Henry B., Glenbrook, assignor to J. P. Curry Mfg. Co., Inc., Stamford, Conn. Tool for twisting wire ties. 1,642,849; Sept. 20.

Foulmer, Henry B., Glenbrook, assignor to J. P. Curry Mfg. Co., Inc., Stamford, Conn. Machine for tying wire ties. 1,642,850; Sept. 20.

Fowler, James N., Mobile, Ala. Heel-attaching device. 1,642,991; Sept. 20.

Frampton, John A., Columbus, Ohio. Figure toy. 1,643,066; Sept. 20.

Franz and Summers. (See Summers, Louis D., assignor.)

Freeman, William H. (See Haffey, Matthew J., assignor.)

Frischmuth, Ernst, Siemensstadt, near Berlin, Germany. Key for combination locks. 1,642,725; Sept. 20.

Fritz, Adolf. (See Siegest, Richard, assignor.)

Fullarton, Gregg M., Cicero, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for assembling parts. 1,642,771; Sept. 20.

Fuller, Claud E., New York, N. Y. Storage conveyor. 1,642,992; Sept. 20.

Gadsby, Frederick C., Sydney, New South Wales, Australia. Suitcase, attaché case, and the like. 1,642,551; Sept. 20.

Garbutt, Frank E., and R. G. Fear, Los Angeles, Calif., assignors to Famous Players-Lasky Corporation. Process of and apparatus for eliminating granular effects in photographic enlargements. 1,642,772; Sept. 20.

Gardner, Harlan P., assignor to L. Gardner, St. Paul, Minn. Ice-cream scoop. 1,642,726; Sept. 20.

Gardner, Lucile. (See Gardner, Harlan P., assignor.)

Gardner, Percy, East Orange, N. J., assignor to H. M. Bunker & Co., Inc., New York, N. Y. Bias-cutting machine. 1,643,157; Sept. 20.

Garner, James B. (See Anderson, J. B., and Garner.)

Gathmann, Emil, Baltimore, Md. Ingot mold and ingot. 1,643,241; Sept. 20.

Gathmays Research Corporation. (See Madorsky, Samuel L., assignor.)

Gauthier, Ernest, Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Punch press. 1,642,773; Sept. 20.

Geddis, George, Detroit, Mich. Engine. 1,643,158; Sept. 20.

Gehrke, Max. (See Schoeller, W., and Gehrke.)

Geisler, Otto, Chicago, Ill. Rigid airship. 1,642,727; Sept. 20.

Geitner, Alexander L., Rochester, N. Y. Adjustable locking means for locking cutting tools into tool holders. 1,642,852; Sept. 20.

General Chemical Company. (See Proctor, James W., assignor.)

General Electric Company. (See Alexander, Johann, assignor.)

General Electric Company. See Griffith, Morgan J., assignor.)

General Electric Company. (See Krümer, Christian, assignor.)

General Electric Company. (See Savage, Marion A., assignor.)

General Electric Company. (See Sprenger, Richard, assignor.)

General Electric Company. (See Welch, Alfred F., assignor.)

General Seafoods Corporation. (See Barry, James J., assignor.)

General Seafoods Corporation. (See Birdseye, Clarence, assignor.)

General Tire and Rubber Company, The. (See Denmire, Harold A., assignor.)

Genter, Albert L., Salt Lake City, Utah, assignor, by mesne assignments, to Genter Thickener Company. Thickening mixtures. 1,642,673; Sept. 20.

Genter Thickener Company. (See Genter, Albert L., assignor.)

Gentzcke, Fritz. (See Weiss, G., and Gentzcke.)

Geringer Lighting Fixture Mfg. Co. (See Peinlich, Max.)

Geringer, Morris. (See Peinlich, Max, assignor.)

Gibson, William J. (See Pike, W. J., and Gibson.)

Glig, Henry F. (See Dodds, Ethan I., assignor.)

Gilman, George H., Claremont, N. H. Tool-steel-retaining device. 1,642,948; Sept. 20.

Gilman, George H., Belmont, Mass. Drilling machine. 1,642,949; Sept. 20.

Glaser, Frank S., et al. (See Anschutz, Edward C., assignor.)

Glaser, Julius M., et al. (See Anschutz, Edward C., assignor.)

Glen, Lauchlan M., assignor of one-half to C. R. MacGillivray, Johannesburg, Transvaal, South Africa. Pipe-coupling means for making steam and other fluid-tight joints. 1,642,728; Sept. 20.

Glockier, John E., Pittsburgh, Pa. Sheet-metal sink construction. 1,642,853; Sept. 20.

Godd, George, Winchester, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Fastening-inserting machine. 1,642,729; Sept. 20.

Goebert, Conrad, and O. Kugler, sr., Philadelphia, Pa., assignors to Otis Elevator Company, Jersey City, N. J. Elevator-controlling device. 1,642,674; Sept. 20.

Golding, John F., Philadelphia, Pa. Making castle nuts. 1,642,854; Sept. 20.

Goldman, Barney, New York, N. Y. Skylight. 1,642,675; Sept. 20.

Gollath Rubber Company, The. (See Fischer, Charles L., assignor.)

Goodman, Frank G., Sioux Falls, S. Dak. Windshield wiper. 1,643,067; Sept. 20.

Goodrich, B. F., Company, The. (See L'Hollier, Leslie H., assignor.)

Goodrich, B. F., Company, The. (See Martin, Frederick H., assignor.)

Goodwin, Alfred D., Ripon, Calif. Mowing-machine clip. 1,642,808; Sept. 20.

Goufer, Frank H., Carlisle, Pa. Can or receptacle. 1,643,000; Sept. 20.

Government and the People of the United States of America. (See Sale, J. W., and Wilson, assignors.)

Grad, Frank, Carnegie, Okla. Bottle. Des. 73,497; Sept. 20.

Grandbols, Ursa G., Kalamazoo, Mich. Coin-controlled vending machine. 1,643,068; Sept. 20.

Grange, John D., Brookfield, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Marked article and process of making articles. 1,642,774; Sept. 20.

Granger, Wallace H., San Francisco, Calif. Ink fountain for printing presses. 1,642,609; Sept. 20.

Grasscoll Dye stuff Corporation. (See Neelmeler, W., Noeken, and Rebnec, assignors.)

Grebe, Alfred H., Hollis, N. Y. Illuminating dial. 1,642,676; Sept. 20.

Grebe, Alfred H., Hollis, N. Y. Illuminating dial. 1,642,677; Sept. 20.

Green, Lee B., Lakewood, assignor of one-third to E. L. Jones, Cleveland, one-third to C. L. Finney, Canton, and one-third to C. B. Krause, Cleveland, Ohio. Refrigerating apparatus. 1,642,922; Sept. 20.

Greenberg, Samuel, New York, N. Y. Child's overcoat. 1,643,159; Sept. 20.

Greiner, Max, Charlottenburg, Germany. Magneto-electric automatic interrupter. 1,643,270; Sept. 20.

Grien, Joseph, Chicago, Ill., assignor to Hamilton-Ross Factories, Inc. Bracket for electric lamps. Des. 73,498; Sept. 20.

Griffin, William A., Buffalo, N. Y. Apparatus for charging cupolas and the like. 1,643,208; Sept. 20.

Griffith, Morgan J., Schenectady, N. Y., assignor to General Electric Company. Suspension of trolley wires. 1,643,209; Sept. 20.

Grimaldi, Ignatius B., Brooklyn, N. Y. Automatic light indicator for pianos. 1,642,810; Sept. 20.

Groehn, Otto J., Grosse Pointe Park, assignor to Hudson Motor Car Company, Detroit, Mich. Automobile body. 1,642,730; Sept. 20.

Gross, Ernest A., La Mollie, Minn. Armament. 1,642,855; Sept. 20.

Grover, Albert D., New York, and L. H. Bertram, Long Island City, N. Y. Armrest for banjos. 1,642,811; Sept. 20.

Guett, Monroe, assignor to The Hurt & Hegeman Manufacturing Company, Hartford, Conn. Electric switch. 1,643,210; Sept. 20.

Guiberson Corporation, The. (See Traves, Webster F., assignor.)

Gunn, Fred W., Boston, Mass. Hose-clamp applier. 1,643,160; Sept. 20.

Gustavson, Carl. (See Ryden, J., and Gustavson.)

Gustavson, Charles, Brooklyn, assignor to Lion Match Co., Inc., New York, N. Y. Apparatus for applying a lubricant to paper. 1,643,117; Sept. 20.

Haas, Earle C., Wray, Colo. Medical-powder applicator. 1,642,950; Sept. 20.

Haas, H. C., administrator. (See Wedekind, Edwin H.)

Hadden, Gavin, New York, N. Y. Grandstand. Des. 73,499; Sept. 20.

Haffey, Matthew J., assignor of one-fourth to W. H. Freeman, Toronto, Ontario, Canada. Ear-testing device. 1,642,923; Sept. 20.

Hagberg, Edward A., St. Paul, Minn. Clothes-basket cart. 1,642,731; Sept. 20.

Hahn, Erick A., Chicago, Ill. Fly-paper appliance. 1,643,118; Sept. 20.

Hainline, Russell C., Clinton, Iowa, assignor to Fairchild Deflector Corporation, Clinton, Iowa. Headlight-glare-protecting device. 1,642,993; Sept. 20.

Hall, Hartwell & Co. (See Hunter, Ralph, assignor.)

Hall, Lewis C., Wheatland, Wyo. Beet and cotton thinner. 1,643,242; Sept. 20.

Hamilton, Francis F., Indianapolis, Ind. Box. Des. 73,500; Sept. 20.

Hamilton-Ross Factories, Inc. (See Grien, Joseph, assignor.)

Hammond, Alfred, Botley, England. Distributor for internal-combustion engines. 1,642,876; Sept. 20.

Hansen, Charles C., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Air-line roller. 1,643,069; Sept. 20.

Hansen, Henry A., Sturgeon Bay, Wis. Stand for supporting wahtubs, table tops, and the like. 1,643,271; Sept. 20.

Harblson-Walker Refractories Company. (See Schlotterer, G. K., and Youngman, assignors.)

Harris, Joseph. (See Duke, Harold H., assignor.)

Harrison, Charles W. (See Harrison, Walter L. and C. W.)

Harrison, Louis J., Derby, Conn. Rubber heel. 1,642,951; Sept. 20.

Harrison, Walter L. and C. W. Shelbina, assignors of one-third to J. C. Deloney, Monroe City, Mo. Furnace grate. 1,642,812; Sept. 20.

Hart & Hegeman Manufacturing Company, The. (See Guett, Monroe, assignor.)

Hartford-Empire Company. (See Davis, John, assignor.)

Hartford-Empire Company. (See Miller, William J., assignor.)

Hartford-Empire Company. (See Shackelford, Orle, assignor.)

Hartman, William W., Los Angeles, Calif. Packer. 1,643,119; Sept. 20.

Hartwell, Benjamin F., Winchester, Mass. Boot and shoe and prepared insole therefor. 1,642,877; Sept. 20.

Hartwell, Benjamin F., Winchester, Mass. Composite rubber sole. 1,642,878; Sept. 20.

Hatfield, Henry S., London, England. Apparatus for effecting chemical tests and controlling chemical reactions. 1,643,243; Sept. 20.

Haupt, Ferdinand, Borna, near Leipzig, Germany. Dumping car. 1,642,813; Sept. 20.

Hebert, Homer P. (See Hebert, Joseph P. and H. P.)

Hebert, Joseph P. and H. P., Chippewa Falls, Wis. Tool-head fastening. 1,642,814; Sept. 20.

Hedemark, Edward L., assignor to Stewart-Warner Speedometer Corporation, Chicago, Ill. Radiocabinet. Des. 73,501; Sept. 20.

Heinson, Ernest T., Mountain Iron, Minn. Open-air sleeping room. 1,643,070; Sept. 20.

Hellthaler, Theodor, Granschutz, assignor to the Firm: Hugo Stinnes Riebeck Montan and Ölwerke Akt. Ges., Halle-on-the-Saale, Germany. Refining mineral oils. 1,643,272; Sept. 20.

Hemphill, Edward A., Jersey City, N. J. Index and system of indexing. 1,643,161; Sept. 20.

Henderson, Albert, assignor, by mesne assignments, to Henderson Structural Units Company, Pittsburgh, Pa. Building construction. 1,642,952; Sept. 20.

Henderson Structural Units Company. (See Henderson, Albert, assignor.)

Henry, Albert C. (See Henry, Ralph L., assignor.)

Henry, Ralph L., Detroit, Mich., assignor to A. C. Henry, Inwood, Long Island, N. Y. Universal joint. 1,642,775; Sept. 20.

Hensel Silk Manufacturing Company. (See Hulme, Frederic G., assignor.)

Herman, John H., and G. W. Jones, New Castle, Pa. Button. 1,643,010; Sept. 20.

Hertel, Carl L., assignor to C. L. Hertel and E. Kitzinger, Columbus, Ind. D handle. 1,642,994; Sept. 20.

Hertel, Carl L., et al. (See Hertel, Carl L., assignor.)

Heyer Duplicator Co. Inc., The. (See Kurth, William H., assignor.)

Heyl & Patterson, Inc. (See Brown, Raymond E., assignor.)

Hickel, Wilhelm, Zurich, and O. Pletscher, jr., Albsrieden, near Zurich, Switzerland. Automatic excess heat protector, especially for electric machines and apparatus. 1,642,953; Sept. 20.

Hickey, Frank J. (See Williams, A. D., and Hickey.)

Hicks, Harold A. (See Smith, C. J., and Hicks.)

Hicks, William W., San Francisco, Calif. Electric air heater. Des. 73,502; Sept. 20.

Hill, Charles B., Glencoe, and G. L. Tintner, assignors to Northwestern Yeast Company, Chicago, Ill. Making bread. 1,643,011; Sept. 20.

Hill, Charles B., Glencoe, and G. L. Tintner, assignors to Northwestern Yeast Company, Chicago, Ill. Making bread. 1,643,012; Sept. 20.

Hindahl, David, assignor to Rodger Ballast Car Company, Chicago, Ill. Selective dump car. 1,643,013; Sept. 20.

Hodtun, Joseph B., Bellevue, Pa., assignor to Pittsburgh Transformer Company. Cooling system for electrical apparatus. 1,643,014; Sept. 20.

Hoerner, Edmund A., assignor to Firestone Tire and Rubber Company, Akron, Ohio. Rotary cutter. 1,643,120; Sept. 20.

Hoffman, Ben P. (See Bisbee, W. G., and Hoffman.)

Holland Furnace Company. (See Nystrom, O. P., and Knoll, assignors.)

Holmes, Morris P., Claremont, N. H., assignor to Sullivan Machinery Company. Sprocket. 1,642,856; Sept. 20.

Holt, Harris B., Dormont, Pa. Instrument for applying tire chains. 1,642,732; Sept. 20.

Holt, Herbert, Rockdale, England. Machine for winding yarns or threads. 1,642,924; Sept. 20.

Holtschneider, Leo, Phoenix, Ariz. Abrading brush. 1,642,857; Sept. 20.

Holzheuer, William F., Hale, Mich. Extraction process and apparatus. Re16,739; Sept. 20.

Horvath, Steven, Lorain, Ohio. Sugar-dispensing receptacle. 1,642,678; Sept. 20.

House, Ernest W., Birmingham, Ala. Radio receiving circuits. 1,643,015; Sept. 20.

House, Medora, administratrix. (See House, Samuel D.)

House, Samuel D., deceased, Mount Pleasant, Tenn., M. House, administratrix. Permutation lock. 1,643,244; Sept. 20.

Hubbell, Harvey, Incorporated. (See Newton, William J., assignor.)

Huber, Louis E., Phoenix, Ariz. Direction signal. 1,642,995; Sept. 20.

Hudson, Havar F., Wichita, Kans. Radiator protector. 1,642,925; Sept. 20.

Hudson Motor Car Company. (See Groehn, Otto J., assignor.)

Huff, Floyd A., Mansfield, Ohio. Snubber. 1,643,016; Sept. 20.

Huffer, George H., Detroit, Mich., assignor to Thompson Products Inc., Cleveland, Ohio. Universal coupling. 1,643,017; Sept. 20.

Hula, Wesley A., Medford, Okla. Loading machine. 1,642,679; Sept. 20.

Hulme, Frederic G., assignor to Hensel Silk Manufacturing Company, Philadelphia, Pa. Bullion fringe loom. 1,643,211; Sept. 20.

Humphreys, Charles F., and J. C. McCarthy, assignors to Armstrong Cork Company, Lancaster, Pa. Surface covering and ornamenting the same. 1,642,954; Sept. 20.

Humphreys, Charles F., and J. C. McCarthy, assignors to Armstrong Cork Company, Lancaster, Pa. Surface covering and ornamenting the same. 1,642,955; Sept. 20.

Hunter, Ralph, New York, assignor to Hall, Hartwell & Co., Inc., Troy, N. Y. Semi-soft collar. 1,642,858; Sept. 20.

Hutninkow, Theodore, Brooklyn, N. Y., assignor to Voices Incorporated, Newark, N. J. Voice for toys. 1,642,956; Sept. 20.

Huwiler, Anton, Basel, Switzerland. Clutch actuated by liquid under pressure. 1,642,957; Sept. 20.

I. G. Farbenindustrie Aktiengesellschaft. (See Kaltwasser, O., and Kochhoff, assignors.)

I. G. Farbenindustrie Aktiengesellschaft. (See Sander, Fritz, assignor.)

Iere, Baptiste, New York, N. Y. Vehicle fender and brake. 1,642,879; Sept. 20.

Imhoff, Karl, Essen, Germany. Fish pond with sewage supply. 1,643,273; Sept. 20.

Imschwiler, John, Inglewood, Calif. Chicken fountain. 1,642,926; Sept. 20.

Ingersoll-Rand Company. (See Hansen, Charles C., assignor.)

International Harvester Company. (See Benjamin, B. R., and Webber, assignors.)

International Harvester Company. (See Dennis, Samuel K., assignor.)

International Harvester Company. (See Raney, Clemma R., assignor.)

International Harvester Company. (See Sheahan, John F., assignor.)

International Motor Company. (See Masury, A. F., and Lelpert, assignor.)

International Motor Company. (See Wlrrer, Gottfried, assignor.)

Interstate Equipment Corporation. (See Kilcarr, Gilbert M., assignor.)

Inzinga, Philip, assignor of fifty-one per cent to E. M. Pittenger, Chicago, Ill. Producing facsimile carbon impressions. 1,643,212; Sept. 20.

Iron Products Corporation. (See Molby, Edgar C., assignor.)

Jenkins, Charles F., Washington, D. C. Twin-light-cell transmitter. 1,642,733; Sept. 20.

Jesdale, Charles, Chicago, Ill. Fuel-mixture homogenizer. 1,643,072; Sept. 20.

Jevons, William, Wakefield, Kans. Poultry fountain. 1,643,245; Sept. 20.

Johnson, Henry C., Colton, Calif. Rotary steam engine. 1,642,996; Sept. 20.

Johnston, Robert F. (See McLean, James S., assignor.)

Johnstone, Robert M., Roselle, Park, N. J., assignor to Cameron Machine Company, Brooklyn, N. Y. Core-supporting means. 1,642,680; Sept. 20.

Jones, Earl L., et al. (See Green, Lee B., assignor.)

Jones, Erwin J., St. Paul, Minn. Snow condenser. 1,643,121; Sept. 20.

Jones, George W. (See Herman, J. H., and Jones.)

Jones, Warren C., Flushing, assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone receiver. 1,642,776; Sept. 20.

Jones, Warren C., Flushing, assignor to Western Electric Company, Incorporated, New York, N. Y. Receiver. 1,642,777; Sept. 20.

Joseph, Anatol M., New York, N. Y. Developing apparatus for photographic films. 1,642,927; Sept. 20.

Jostam Manufacturing Co. (See Ammann, Albert H., assignor.)

Joyner, George F., assignor of one-half to L. M. Moseley, Montpelier, Miss. Swivel hook. 1,642,958; Sept. 20.

Kaltwasser, Oskar, Berlin, and H. Kirchhoff, Dessau-Anhalt, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Dying furs, skins, hairs, feathers, or the like. 1,643,246; Sept. 20.

Kane, John J., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Electric-power system. 1,643,213; Sept. 20.

Kaplan, Jacob, assignor to Record-O-Phone Company, Inc., Washington, D. C. Reel-stopping device for record-phones. 1,642,681; Sept. 20.

Kelth, Irving L. (See Sawyer, Albert F., assignor.)

Kennedy, John A., Seattle, Wash., assignor to Pacific Rim Tool Company, Cleveland, Ohio. Rim contracting and expanding tool. 1,643,122; Sept. 20.

Kenton Baking Powder Company, The. (See Becht, Robert F., assignor.)

Kilbourne, Kenneth A., Monrovia, Calif., assignor to American Cyanamid Company, New York, N. Y. Apparatus for spraying liquid hydrocyanic acid. 1,642,779; Sept. 20.

Kilcarr, Gilbert M., assignor to Interstate Equipment Corporation, New York, N. Y. Aerial tramway. 1,643,214; Sept. 20.

Kinney, Herbert A., Tampa, Fla. Fishing lure. Des. 73,503; Sept. 20.

Kirchhoff, Hermann. (See Kaltwasser, O., and Kirchhoff.)

Kirchner, William, Sparta, Wis. Power hammer. 1,642,859; Sept. 20.

Kirner, Josef, Stuttgart, Germany. Driving spindles. 1,642,815; Sept. 20.

Kirschenbaum, Hayman, New York, N. Y. Reinforced pocket. 1,643,162; Sept. 20.

Kitzinger, Edward, et al. (See Hertel, Carl L., assignor.)

Knoll, John. (See Nystrom, O. P., and Knoll.)

Koch, Felix, Bellevue, assignor to Pressed Steel Car Company, Pittsburgh, Pa. Anchorage for vestibule members of articulated cars. 1,642,959; Sept. 20.

Koch, Louis J. (See Kress, T., and Koch.)

Koba, Joseph E., Linden, N. J. Veneer drier. 1,642,928; Sept. 20.

Koenig, Robert H., Haddon Heights, N. J., assignor to Ruth Glass Company, Conshohocken, Pa. Machine for shaping ends of glass tubes. 1,643,215; Sept. 20.

Kole, Lessing L., and E. Loeffler, Milwaukee, Wis. Vanity case. 1,642,780; Sept. 20.

Kondolf, Henry E., New York, assignor to The Lox Seal Corporation, Brooklyn, N. Y. Tag. 1,642,781; Sept. 20.

Koppel Industrial Car and Equipment Company. (See Schmohl, Alfred C., assignor.)

Kramer, Christian, Berlin, Germany, assignor to General Electric Company. Mercury-vapor-arc rectifier. 1,643,216; Sept. 20.

Krantz, Fritz, Munich, and H. Krantz, Bad-Nauheim, Germany. Plant for fermenting and storing organic manure, foodstuffs, and the like. 1,643,018; Sept. 20.

Krantz, Heinrich. (See Krantz, Fritz, and H.)

Krantz, Philip M., Brooklyn, N. Y. Automotive equipment. 1,642,960; Sept. 20.

Krause, Conrad B., et al. (See Green, Lee B., assignor.)

Kress, Theodore, and L. J. Koch, Fort Wayne, Ind., assignor of one-half to said Kress and one-half to said Koch. Heater attachment for automobiles. 1,643,279; Sept. 20.

Kriegsheim, Heinrich, New York, and W. Vaughan, Brooklyn, assignors, to The Permutit Company, New York, N. Y. Manufacture of precipitated zeolites. 1,642,880; Sept. 20.

Kugler, Otto, sr. (See Goebert, C., and Kugler.)

Kurth, William H., assignor to The Hoyer Duplicator Co., Inc., Chicago, Ill. Stencil sheet. 1,643,019; Sept. 20.

Kusserow, Reinhold, Oakland, Calif. Cleaning molasses for manufacturing compressed yeast. 1,642,929; Sept. 20.

Kyle, William T., Bridgeport, Conn., assignor to Page Steel and Wire Company. Traffic protective structure. 1,643,123; Sept. 20.

Lafin, Fred, Chicago, Ill. Combination spool and pin-cushion holder. 1,642,860; Sept. 20.

La Grange, William, Brooklyn, N. Y. Apparatus for raising sunken ships. 1,643,247; Sept. 20.

Lalli, Vincenzo, St. Albans, N. Y. Hod. 1,643,163; Sept. 20.

Lambert, Theron B., and J. McCombs, Murray, Ky. Apparatus for pressing trousers while on wearer. 1,642,816; Sept. 20.

Landis Tool Company. (See Stelner, Amos P., assignor.)

Landon, Elvie, Waterloo, Iowa. Propelling device for aeroplanes. 1,642,752; Sept. 20.

Langston, Samuel M., Wenonah, N. J. Machine for making corrugated paper. 1,642,782; Sept. 20.

Langstroth, Clifford B., and G. G. Wunder, assignors to A. O. Smith Corporation, Milwaukee, Wis. Weld rod for arc welding. 1,643,274; Sept. 20.

Lanzka, Gustav A., et al., administrators. (See Luyties, Otto G.)

Largen, Fred C., Creighton, Nebr. Variable-speed pulley. 1,643,124; Sept. 20.

Larkin, Elwood T., assignor to C. A. Crique, Buffalo, N. Y. Internal-combustion engine with rotary valve. 1,642,734; Sept. 20.

Larkin, Elwood T., assignor to C. A. Crique, Buffalo, N. Y. Internal-combustion engine. 1,642,735; Sept. 20.

Lathrop, Harry D. (See Paulson, Walter H., assignor.)

Latour Corporation. (See Latour, Marius, assignor.)

Latour, Marius, Paris, France, assignor to Latour Corporation, Jersey City, N. J. Radio signaling apparatus. 1,643,075; Sept. 20.

Laub, George M., assignor to Excella Pattern Company, New York, N. Y. Garment or dress patterns. 1,642,682; Sept. 20.

Laughlin, Elmyr A., Oregon, Ill. Spring. 1,643,073; Sept. 20.

Lavagnino, Eduardo, Ancona, Italy. Blind for shop fronts, doors, windows, and the like. 1,643,074; Sept. 20.

Lavoie, George, Fall River, Mass. Shade and curtain holder. 1,643,020; Sept. 20.

Lawrence, Floyd L., Mobile, Ala. Wheel. 1,643,248; Sept. 20.

Layne & Bowler Corporation. (See Whann, Jesse P., assignor.)

Lazarus, Solomon A., London, England. Toothbrush. 1,643,217; Sept. 20.

Leberer, Harry J., and R. W., assignors to The Everedy Company, Frederick, Md. Bottle-capping tool. 1,643,076; Sept. 20.

Leberer, Robert W. (See Leberer, Harry J., and R. W.)

Ledwinka, Hans, Koprivnice, Czechoslovakia. Resilient axle mount for motor vehicles. 1,642,817; Sept. 20.

Lehmann, Carl, assignor of one-half to E. Chemnitz, Hamburg, Germany. Control valve for sheet-metal wind instruments. 1,642,783; Sept. 20.

Lelpert, August H. (See Masury, A. F., and Lelpert.)

Le Luomier, René, Boston, Mass. Brake mechanism. 1,642,784; Sept. 20.

Lenta, John M., Evansville, Ind., assignor to The Owens Bottle Company, Toledo, Ohio. Changing glass-feeder bushings. 1,642,881; Sept. 20.

Lesler, Lew W., Johnson City, and C. A. Bornmann, assignors to Anco Photoproducts, Inc., Binghamton, N. Y. Film-winding mechanism for camera. 1,642,818; Sept. 20.

Levering, James H., Los Angeles, Calif. Externally reinforced construction and making the same. 1,643,275; Sept. 20.

Coaster-wagon body. 1,642,961; Sept. 20.

Levkoff, David, assignor to E. J. Levkoff, Augusta, Ga. Garment protector. 1,643,077; Sept. 20.

Levkoff, Evelyn J. (See Levkoff, David, assignor.)

Lewis, Owen L., assignor, by mesne assignments, to The Alliance Toy & Specialty Company, Alliance, Ohio.

Leytham, Thomas. (See McDonell, W. E., and Leytham.)

L'Holler, Leale H., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Form-fitting boot. 1,643,125; Sept. 20.

Lieberknecht, Paul, Chemnitz, assignor to Ernst Boesneck Gesellschaft mit beschränkter Haftung, Einsiedel, near Chemnitz, Germany. Knitting machine. 1,643,249; Sept. 20.

Lion Match Co. (See Gustavson, Charles, assignor.)

Liptak, Michael, St. Paul, Minn. Hollow fire-wall construction. 1,643,280; Sept. 20.

Ljunström, Fredrik, Lidington-Brevik, and Isidor Broberg, Skarsattra, Lidington, assignors to Aktiebolaget Ljunströms Angturbin, Stockholm, Sweden. Turbine-driven locomotive provided with mechanical-power transmission. 1,642,987; Sept. 20.

Locomotive Firebox Company. (See Nicholson, John L., assignor.)

Loeffler, Eugene. (See Kole, L. L., and Loeffler.)

Logan, William B., De Quincy, assignor to Acme Products Company, Inc., New Orleans, La. Purified rosin and producing the same. 1,643,276; Sept. 20.

Long, Jackson E., Marshall, Mo. Drain tube. 1,642,819; Sept. 20.

Longworth, Ralph N., Somerset, Ky. Adjustable golf-club head. 1,643,250; Sept. 20.

Lorenz, Charles F., East Orange, N. J., assignor to Westinghouse Lamp Company. Luminous electrode discharge lamp. 1,643,126; Sept. 20.

Lougheed, Victor, assignor to The Magnavox Company, Oakland, Calif. Radiolial. Des. No. 73,504; Sept. 20.

Lox Seal Corporation, The. (See Kondolf, Henry E., assignor.)

Loy, George S., Paris, France. Tire-pressure gauge. Des. 73,505; Sept. 20.

Lueck, Henry W. (See Davis, C. H., and Lueck.)

Lühr, Otto, Chicago, Ill. Refrigerator car. 1,642,882; Sept. 20.

Luyties, Otto G., deceased, New York, N. Y.; H. M. Rieder and G. A. Lanzka, administrators. Construction of pipes and the like. 1,643,021; Sept. 20.

Lyen, Andrew C., and C. W. Morgan, Chicago, Ill. Switchboard. 1,642,883; Sept. 20.

Lybne, Anker S., Bridgeport, Conn. Vanity box. 1,642,962; Sept. 20.

Lyman, Charles E., Waterbury, Conn. Forming set screws. 1,642,730; Sept. 20.

Lynch, Joseph H., Asbury Park, N. J. Laundry-checking device. 1,642,963; Sept. 20.

Macbeth-Evans Glass Company. (See Worcester, Evan R., assignor.)

MacDougall, Harold, Maplewood, N. J. Nail buffer. 1,643,164; Sept. 20.

MacDowell, John A., St. Louis, Mo. Tool for placing clearance wrappers on boiler tubes. 1,643,022; Sept. 20.

MacGillivray, Charles R. (See Glen, Lauchlan M., assignor.)

Madder, Harold B., Sharon, Pa., assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Shock-absorbing mechanism. 1,643,053; Sept. 20.

Madorsky, Samuel L., assignor to Gathmys Research Corporation, Chicago, Ill. Apparatus for the production of pure metal. 1,642,683; Sept. 20.

Madsen, Mads H., Kimballton, Iowa. Hay-handling apparatus. 1,643,078; Sept. 20.

Magnavox Company, The. (See Lougheed, Victor, assignor.)

Mann, Horace, Albuquerque, New Mex. Tire. Des. 73,506; Sept. 20.

Mann, Horace, Albuquerque, New Mex. Tire. Des. 73,507; Sept. 20.

Manson, Ray H., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Vacuum tube socket. 1,642,684; Sept. 20.

Marathon Company. (See Wojciechowski, Frank M., assignor.)

Marino, Francesco, assignor to L. M. de Saurez, Brooklyn, N. Y. Storm hose. 1,643,023; Sept. 20.

Marjoribanks, Stewart D. (See Scott, W., and Marjoribanks.)

Marshall Field & Company. (See Bezark, Joseph, assignor.)

Martin, Frederick H., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Shoe. 1,642,737; Sept. 20.

Martin, John, Amorita, Okla. Brake for cream separators. 1,642,997; Sept. 20.

Martin, Tobias W., Charlotte, N. C. Carpenter's tape. 1,643,166; Sept. 20.

Mason, Freeman D., assignor to The Bridgewater Machine Company, Akron, Ohio. Trimmer for strip material. 1,642,998; Sept. 20.

Masury, Alfred F., and A. H. Lelpert, assignors to International Motor Company, New York, N. Y. Sectional rubber pavement. 1,643,024; Sept. 20.

Mather, Greig R., London, England. Garment-cutting device. 1,642,964; Sept. 20.

Mathewson, Paul, New York, N. Y. Making foot molds. 1,642,930; Sept. 20.

Matthews, Algernon W., Haverhill, Mass. assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating on heels. 1,642,738; Sept. 20.

May, Enoch A., Jackson, Miss. Computing gauge or scale for gasoline-station pumps. 1,642,931; Sept. 20.

McBride, George A., Seattle, Wash. Composition for cleaning and polishing glass. 1,643,251; Sept. 20.

McCabe, Ira E. (See Mojé, H. A., and McCabe.)

McCabe, Ira E., Chicago, Ill. Mercury-tube switch. 1,642,932; Sept. 20.

McCarthy, John C. (See Humphreys, C. F., and McCarthy.)

McCombs, Jay. (See Lambert, T. B., and McCombs.)

McCrery, Harold E., Apollo, assignor to Pittsburgh Steel Drum Company, Pittsburgh, Pa. Shipping drum. 1,643,252; Sept. 20.

McCue, H. J., Company, The. (See McCue, Harry J., assignor.)

McCue, Harry J., assignor to The H. J. McCue Company, Cleveland, Ohio. Carbonator. 1,642,739; Sept. 20.

McCullough, Paul J., assignor to Scullin Steel Co., St. Louis, Mo. Slide frame. 1,642,965; Sept. 20.

McDonald, Eugene G. (See Dodge, A. Y., and McDonald.)

McDonell, William E., Rochester, assignor, by mesne assignments to Shur-On Standard Optical Company, Inc., Geneva, N. Y. Ophthalmic mounting. 1,643,218; Sept. 20.

McDonell William E., and T. Leytham, Rochester, assignors, by mesne assignments, to Shur-On Standard Optical Company, Inc., Geneva, N. Y. Ophthalmic mounting. 1,643,219; Sept. 20.

McFarland, Robert E., Cicero, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Braiding machine. 1,642,785; Sept. 20.

McGrath, John T., Bloomington, Ill. Device for washing dishes and the like. 1,642,933; Sept. 20.

McIntosh, Roger S., Hazard, Ky. Fluid-pressure brake. 1,643,165; Sept. 20.

McLaughlin, Patrick T., and W. Anderson, Miami, Okla. Bottle-exchange receptacle for containing milk bottles. 1,642,999; Sept. 20.

McLean James S., Albuquerque, assignor of forty-nine per cent to R. F. Johnston, Albuquerque, N. Mex. Signal. 1,642,934; Sept. 20.

McPherson, James O. (See Pearce, L. M., and McPherson.)

Meegenhofen, Charles W., Indianapolis, Ind. Vessel emptying or filling appliance. 1,643,025; Sept. 20.

Meier, Charles J., Louisville, Ky. Soldering flux. 1,642,884; Sept. 20.

Metal Novelty Corporation. (See De Cesare, Matteo, assignor.)

Metzner, Robert B., Wheeling, W. Va. Mining machine. 1,643,220; Sept. 20.

Metzner, Robert B., Wheeling, W. Va. Mining tool. 1,643,221; Sept. 20.

Michaelson, Henry G., Rockford, Ill. Show-case lock. 1,642,685; Sept. 20.

Middendorf, David L., assignor to The Federal Glass Company, Columbus, Ohio. Apparatus for the manufacture of glassware. 1,642,741; Sept. 20.

Mihalyi, Joseph, Washington, D. C. Photographic camera. 1,642,935; Sept. 20.

Mikesh, Martin A., assignor to A. O. Smith Corporation, Milwaukee, Wis. Quick-detachable dam for the molds of centrifugal casting machines. 1,643,253; Sept. 20.

Miley, William J., Providence, R. I. Antiskid device. 1,643,167; Sept. 20.

Miller Company, The. (See Wolter, Herman H., assignor.)

Miller, Frederick B., Scottsdale, Pa. Apparatus for mining. 1,643,000; Sept. 20.

Miller, George A., Tamaroa, Ill. Poultry roost. 1,643,079; Sept. 20.

Miller, Jacob C., assignor to A. O. Smith Corporation, Milwaukee, Wis. Weld rod and arc welding with the same. 1,643,254; Sept. 20.

Miller, Otto, assignor to The Cincinnati Specialty Manufacturing Company, Cincinnati, Ohio. Extension reel for electric lamps, portable drills, and the like. 1,642,936; Sept. 20.

Miller, William J., Swissvale, Pa., assignor to Hartford-Empire Company, Hartford, Conn. Apparatus for producing mold charges of molten glass. 1,642,966; Sept. 20.

Miller, William J., Swissvale, Pa., assignor to Hartford-Empire Company, Hartford, Conn. Apparatus for producing mold charges of molten glass. 1,642,967; Sept. 20.

Miller, William J., Swissvale, Pa., assignor to Hartford-Empire Company, Hartford, Conn. Apparatus for producing mold charges of molten glass. 1,642,968; Sept. 20.

Mirra, Albert, Paris, France. Linking device. 1,642,969; Sept. 20.

Mitchell Manufacturing Company. (See Mitchell, William, assignor.)

Mitchell, Raymond P., Danville, Va. Electrically-heated windshield wiper. 1,642,786; Sept. 20.

Mitchell, Reginald J., assignor to The Supermarine Aviation Works Limited, Southampton, England. Flying boat and like aircraft. 1,642,686; Sept. 20.

Mitchell, William, assignor to Mitchell Manufacturing Company, Milwaukee, Wis. Swing bob. 1,642,740; Sept. 20.

Mojé, Herman A., and I. E. McCabe, Chicago, Ill. Oil-burner construction. 1,642,937; Sept. 20.

Molby, Edgar C., Brooklyn, assignor to Iron Products Corporation, New York, N. Y. Heater. 1,643,026; Sept. 20.

Molten, Louis A. (See Strong, Albin L., assignor.)

Monarch Machine Tool Company, The. (See Whipp, Wendell E., assignor.)

Moody, Dan O. (See Avery, C. W., and Moody.)

Moore, Merle M. (See Chappell, M. L., Davis, and Moore.)

Morgan, Charles W. (See Lyen, A. C., and Morgan.)

Morgan, Edmund C., deceased, New York, N. Y.; O. E. Morgan, executrix. Mining apparatus. 1,642,885; Sept. 20.

Morgan, Merle, Steubenville, Ohio. Extension handle for wrenches. 1,643,027; Sept. 20.

Morgan, Olive E., executrix. (See Morgan, Edmund C.)

Morian, Ernest E., Los Angeles, Calif. Stencil duplicating device. 1,643,028; Sept. 20.

Morris, George D., assignor to New Castle Refractories Company, New Castle, Pa. Refractory body. 1,642,886; Sept. 20.

Morris, George D., New Castle, Pa., assignor to American Dresser Tunnel Kilns, Inc., Cleveland, Ohio. Kiln car. 1,642,938; Sept. 20.

Morris, Jolly L., Crafton, Pa. Combination table and food cabinet. 1,642,687; Sept. 20.

Mortensen, Niels L., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis. Controller for electric motors. 1,643,127; Sept. 20.

Moseley, Leroy M. (See Joyner, George F., assignor.)

Moss, Arthur, assignor to Electrad, Inc., New York, N. Y. Fixed condenser. 1,642,688; Sept. 20.

Mugdan, Martin, and J. Wimmer, assignors to Consortium für Elektrochemische Industrie, Munich, Germany. Preparation of methyl formate. 1,642,689; Sept. 20.

Mullendore, Harvey, assignor to Perfection Blacuit Company, Fort Wayne, Ind. Packaging machine. 1,642,887; Sept. 20.

Mundet, L., & Son, Inc. (See Nueske, Julius, jr., assignor.)

Murphy, Nicholas E., Wauwatosa, Wis. Switch lock. 1,642,820; Sept. 20.

Musical Products Distributing Co. Inc. (See Colen, Bernard D., assignor.)

Myers, John W., Van Nuys, Calif. Gas brooder. 1,642,787; Sept. 20.

Myers, Oren G., San Mateo, Calif. Thermostat switch. 1,642,742; Sept. 20.

National Dump Car Company. (See Nelkirk, John O., assignor.)

National Malleable and Steel Castings Company. (See Blackmore, William, assignor.)

National Malleable and Steel Castings Company. (See Madder, Harold B., assignor.)

National Malleable and Steel Castings Company. (See Schmidt, Ernest H., assignor.)

Neelmeyer, Wilhelm, Leverkusen, T. Nocken, Wiesdorf, near Cologne-on-the-Rhine, and W. Rebner, Cologne-Mühlheim, Germany, assignors to Gracelli Dyestuff Corporation, New York, N. Y. Chromable brown disazo dye-stuffs. 1,643,222; Sept. 20.

Neldich, Samuel A., Edgewater Park, N. J. Forming cold products. 1,643,080; Sept. 20.

Nelkirk, John O., Lombard, assignor to National Dump Car Company, Chicago, Ill. Door-control mechanism. 1,643,081; Sept. 20.

Nevotil, William M., Omaha, Nebr. Electrical hair waver. 1,643,168; Sept. 20.

New Castle Refractories Company. (See Morris, George D., assignor.)

Newhouse, Walter F., assignor to Saranac Automatic Machine Corporation, Benton Harbor, Mich. Machine for making baskets. 1,643,287; Sept. 20.

Newton, William J., assignor to Harvey Hubbell, Incorporated, Bridgeport, Conn. Flush switch. 1,642,743; Sept. 20.

Nicholson, John L., assignor to Locomotive Firebox Company, Chicago, Ill. Expansion and contraction anchorage for thermic siphons. 1,643,128; Sept. 20.

Nickell, Charles H., Los Angeles, Calif. Automatic pressure-controlled valve. 1,643,082; Sept. 20.

Nigro, Julia, Kansas City, Mo. Embroidery-thread holder. 1,642,744; Sept. 20.

Noble, James M., Gustine, Calif. Automatic shut-off device for lawn sprinklers. 1,642,821; Sept. 20.

Nocken, Theodor. (See Neelmeyer, W., Nocken, and Rebner.)

North East Appliances, Inc. (See Crumrine, Chester W., assignor.)

North East Appliances, Inc. (See Williams, Anthony F., assignor.)

Northwestern Yeast Company. (See Hill, C. B., and Tintner, assignors.)

Nueske, Julius, jr., New York, assignor to L. Mundet & Son, Inc., Brooklyn, N. Y. Machine for making cork insoles. 1,642,690; Sept. 20.

Nyman, Alexander, East Orange, N. J., assignor to Du-bilier Condenser Corporation, New York, N. Y. Telephone receiver. 1,643,169; Sept. 20.

Nystrom, Oscar P., and J. Knoll, assignors to Holland Furnace Company, Holland, Mich. Joint-forming machine. 1,642,691; Sept. 20.

Obergfell, Herbert F., River Forest, assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill. Calling device. 1,642,822; Sept. 20.

Obert, Casin W., Mount Vernon, N. Y. Steam boiler. 1,642,692; Sept. 20.

O'Brien, Patrick J. (See O'Brien, Richard J. and P. J.)

O'Brien, Richard J. and P. J., Bay Bulls, Newfoundland. Buttonhole shield. 1,643,170; Sept. 20.

O'Dowd, Henry W., Jersey City, N. J., assignor to Standard Gas Equipment Corporation. Water-heating system. 1,643,223; Sept. 20.

O'Dowd, Henry W., Jersey City, N. J., assignor to Standard Gas Equipment Corporation. Thermostatically-controlled valve mechanism. 1,643,255; Sept. 20.

Oil Appliance Manufacturing Corporation. (See Shipley, Marlon R., assignor.)

Olberg, William E. (See Poindexter, R. W., jr., and Olberg.)

Oliver Chilled Plow Works. (See Altgelt, Herman E., assignor.)

Olson, Gottfrid. (See Steiner, G. A., and Olson.)

Ordway, Adolphe, Newman, Calif. Trailer. 1,642,823; Sept. 20.

Orem, William. (See Davis, George E., assignor.)

Orme, Wilbur L., Cambridge, Ohio. Shaving compact. 1,643,171; Sept. 20.

Otis Elevator Company. (See Goebert C., and Kugler, assignors.)

Otten, Lawrence F., Fort Thomas, assignor to The Wadsworth Watch Case Company, Dayton, Ky. Strap buckle. 1,643,083; Sept. 20.

Overholt, Albert L., Minneapolis, Minn., assignor, by mesne assignments, to Steiner Sales Company, Salt Lake City, Utah. Towel holder. 1,643,084; Sept. 20.

Owens Bottle Company, The. (See Lents, John M., assignor.)

Owens Bottle Company, The. (See Rule, John F., assignor.)

Owens Bottle Company, The. (See Soubler, Leonard D., assignor.)

Pacific Rim Tool Company. (See Kennedy, John A., assignor.)

Page Steel and Wire Company. (See Kyle, William T., assignor.)

Parsons, Edward T., Upper Montclair, N. J., assignor to Thomson Machine Company. Extender attachment for dough molders. 1,642,693; Sept. 20.

Patentaktiebolaget Central Smörjning. (See Clausen, Carl H., assignor.)

Paulson, Walter H., assignor to H. D. Lathrop, Chicago, Ill. Bottle-washing machine. 1,642,824; Sept. 20.

Pearce, Louis M., and J. O. McPherson, Houston, Tex. Casing head. 1,642,745; Sept. 20.

Pearce, William H., assignor to Coast Culvert & Flume Co., Portland, Oreg. Welding mandrel. 1,642,825; Sept. 20.

Peglay, Emile J., New York, N. Y. Syringe. 1,643,289; Sept. 20.

Peinlich, Max, White Plains, assignor to M. Geringer, Yonkers, N. Y., doing business as Geringer Lighting Fixture Mfg. Co. Lighting-fixture strap or analogous article. Des. 73,508; Sept. 20.

Pennsylvania Pump and Compressor Company. (See Raymond, Ward, assignor.)

Peoples Natural Gas Company. (See Anderson, J. B., and Garner, assignors.)

Perfection Blacuit Company. (See Mullendore, Harvey, assignor.)

Perkins, Charles R., Newburyport, Mass. Bottle cap. 1,643,256; Sept. 20.

Permutit Company, The. (See Kriegsheim, H., and Vaughan, assignors.)

Perry, Charles T., Arlington, Mass. Saw protector. 1,643,085; Sept. 20.

Perry, Milton L., Washington, D. C. Hair-straightening device. 1,642,888; Sept. 20.

Perugia, André, Paris, France. Shoe heel. 1,642,889; Sept. 20.

Peterson, Charles W., Detroit, Mich. Loud speaker. 1,643,029; Sept. 20.

Peterson, Otto H., Northfield, Minn. Record-holding handle for milk cans. 1,642,939; Sept. 20.

Pfager, Harry M., assignor to Commonwealth Steel Company, St. Louis, Mo. Booster motor truck. 1,642,890; Sept. 20.

Pfager, Harry M., St. Louis, Mo., assignor to Commonwealth Steel Company, Granite City, Ill. Car truck. 1,642,891; Sept. 20.

Pierce, Ralph H., and G. A. Anderson, Eugene, Oreg. Disk wheel. 1,643,172; Sept. 20.

Pike Laboratories, Limited, The. (See Pike, W. J., and Gibson, assignors.)

Pike, Walter J., and W. J. Gibson, assignors to The Pike Laboratories, Limited, Newaygo, Mich. Vehicle headlight. 1,643,086; Sept. 20.

Pittenger, E. M. (See Izlinga, Philip, assignor.)

Pittsburgh Steel Drum Company. (See McCrery, Harold E., assignor.)

Pittsburgh Transformer Company. (See Hodum, Joseph B., assignor.)

Platt Brothers and Company Limited. (See Wilkinson, H., and Reed, assignors.)

Pletscher, Otto, Jr. (See Hinkel, W., and Pletscher.)

Poindexter, Robert W., jr., Los Angeles, and W. E. Olberg, Long Beach, Calif., assignors to California Cyanide Company, Incorporated, New York, N. Y. Preparation of cyanogen compounds. 1,642,694; Sept. 20.

Possons, Minard A., Cleveland, Ohio, assignor to American Stove Company, St. Louis, Mo. Oven door. 1,643,288; Sept. 20.

Powell, Otis W., assignor of one-half to E. Worthington, Washington Court House, Ohio. Corn harvester. 1,642,892; Sept. 20.

Powers, Donald H. (See Elley, H. W., and Powers.)

Presa, Gilberto N., Ennis, assignor one one-tenth jointly to G. O. Wilson and D. C. Biggers, Dallas, Tex. Operating device for automobile headlight shutters. 1,643,030; Sept. 20.

Pressed Steel Car Company. (See Brinckerhoff, Francis M., assignor.)

Pressed Steel Car Company. (See Koch, Felix, assignor.)

Proctor, James W., Belle Vernon, Pa., assignor to General Chemical Company, New York, N. Y. Making ammonium fluorides. 1,642,788; Sept. 20.

Pumphrey, Walter H., New York, N. Y. Binding post. 1,642,695; Sept. 20.

Putra, Samuel, Lansford, Pa. Measuring instrument. 1,643,087; Sept. 20.

Raney, Clemm E., Chicago, Ill., assignor to International Harvester Company. Grain shaker. 1,643,173; Sept. 20.

Rastetter, William C., Fort Wayne, Ind. Folding chair. 1,643,174; Sept. 20.

Ratelke, Charles J., assignor to Chicago Forging & Mfg. Co., Chicago, Ill. Forming objects with integral cup and abank. 1,642,696; Sept. 20.

Rauschenbach, Theodore, Evansville, Ind. Expansion joint for concrete work. 1,643,257; Sept. 20.

Rawlings, George W., East Ham, London, England. Casting in situ of concrete building structures. 1,642,893; Sept. 20.

Ray, William H., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Forming apparatus. 1,643,088; Sept. 20.

Ray, William H., Chicago, and M. L. Strawn, La Grange, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Skiing apparatus. 1,643,089; Sept. 20.

Raymond, Ward, assignor to Pennsylvania Pump and Compressor Company, Easton, Pa. Governor for steam-driven compressors. 1,643,129; Sept. 20.

Rebner, Werner. (See Neelmeyer, W., Nocken, and Rebner.)

Recen, Henry A. (See Carlson, H. F., and Recen.)

Record-O-Phone Company. (See Kaplan, Jacob, assignor.)

Reed, James. (See Wilkinson, H., and Reed.)

Reitzel, Albert E. (See Tucker, Pinkney R., assignor.)

Reiz, Joseph P., Brooklyn, N. Y. Attachment for sheeting machines. 1,642,746; Sept. 20.

Reynolds, Joseph S., Long Beach, Calif. Rotary scraper with automatic elevating control. 1,642,826; Sept. 20.

Rice, George E., and C. L. Simmons, Brooklyn, N. Y., assignor to Conservation Corporation of America. Combination treating tank and dry kiln. 1,643,174; Sept. 20.

Rich, Elmer A., jr., Chicago, Ill., assignor to The American Foundry Equipment Company, New York, N. Y. Sand-blast apparatus. 1,643,175; Sept. 20.

Richardson, Horace G., San Antonio, Tex. Asphalt spreader. 1,642,747; Sept. 20.

Richter, Walter E., Wauwatosa, assignor to A. O. Smith Corporation, Milwaukee, Wis. Cushioned spring-hanger connection for automobile frames. 1,643,258; Sept. 20.

Riddell, John T., Evanston, Ill. Athletic shoe. 1,642,827; Sept. 20.

Ridder, Hilda M., et al., administrators. (See Luyties, Otto G.)

Riddle Process Company. (See Riddle, Robert N., assignor.)

Riddle, Robert N., Philadelphia, Pa., assignor to Riddle Process Company, Inc. Filtering medium and making same. 1,643,031; Sept. 20.

Riddle, Robert N., Germantown, Pa., assignor to Riddle Process Company, Inc. Making a filtering medium. 1,643,032; Sept. 20.

Rilse, John, Doylestown, Ohio. Motor shock-insulating means. 1,642,697; Sept. 20.

Ritchey, Edward A., Huntington Beach, Calif. Perforator. 1,642,970; Sept. 20.

Röber, Constantin F., assignor to the Firm "Universelle" Cigaretten-Maschinen Fabrik J. C. Müller & Co., Dresden, Germany. Machine for the manufacture of chocolate cigarettes. 1,642,894; Sept. 20.

Robinson, Charles B., and R. S. Carty, Detroit, Mich. Snow-removing machine. 1,642,895; Sept. 20.

Robinson, Joseph, Morristown, N. J. Automatic train-line connector. 1,642,748; Sept. 20.

Rocke, John, Bloomington, Ill. Agitator for washing machines. 1,643,173; Sept. 20.

Rockford Drilling Machine Company. (See Stickney, Charles A., assignor.)

Rodger Ballast Car Company. (See Hindahl, David, assignor.)

Rogers, Otis J., Washington, D. C. Facial lifting and supporting device. 1,643,090; Sept. 20.

Rohn, George F., assignor to George F. Rohn Electric Company, Milwaukee, Wis. Power cabinet. 1,642,698; Sept. 20.

Rohn, George F., Electric Company. (See Rohn, George F., assignor.)

Roop, Charles E., Richmond Heights, L. M. Dieckmeyer and C. B. Barutis, St. Louis, assignors to Stevens Engineering and Construction Company, St. Louis, Mo. Forming concrete structures. 1,642,753; Sept. 20.

Rose, Arthur F., West Brighton, N. Y., assignor to American Telephone and Telegraph Company. Telephone repeater system. 1,642,749; Sept. 20.

Rosenthal, Uraia I., and J. J. Crowley, Montreal, Quebec, Canada. Mattress-wrapping machine. 1,643,091; Sept. 20.

Rowley, Edward G., Belleville, N. J., assignor to Underwood Typewriter Company, New York, N. Y. Type-writing machine. 1,643,180; Sept. 20.

Roy, Joseph, Cleveland, Ohio, assignor to American Stove Company, St. Louis, Mo. Detachable plate for concealed manifolds of gas ranges. 1,643,176; Sept. 20.

Rule, John F., assignor to The Owens Bottle Company, Toledo, Ohio. Glass-forming machine. 1,642,828; Sept. 20.

Ruppel, Frederick C., Grand Rapids, Mich. Automobile radiator cap. Des. 73,509; Sept. 20.

Ruse, Charles L., Warsaw, Ind., assignor of one-half to G. J. Steinmetz, Peru, Ind. Railway-rail brace. 1,643,177; Sept. 20.

Ruth Glass Company. (See Koenig, Robert H., assignor.)

Ryden, John, and C. Gustavson, Rockford, Ill. Adjustable clamp. 1,642,829; Sept. 20.

Rystedt, Ingemar K., assignor of one-half to C. R. Snyder, Dayton, Ohio. Motor car. 1,642,971; Sept. 20.

Sale, John W., and J. B. Wilson, Washington, D. C., assignors to the Government and the People of the United States of America. Manufacturing a true maple flavoring product. 1,642,789; Sept. 20.

Sander, Fritz, Griesheim-on-the-Main, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Manufacture of fluorides. 1,642,896; Sept. 20.

Saranac Automatic Machine Corporation. (See Newhouse, Walter F., assignor.)

Sarver, Ray D., Owatonna, Minn. Tire casing and tube protector. 1,642,897; Sept. 20.

Savage, Marlon A., Scotia, N. Y., assignor to General Electric Company. Winding for alternating-current apparatus. 1,643,178; Sept. 20.

Sawyer, Albert F., assignor to I. L. Keith, Haverhill, Mass. Refrigerating system. 1,643,179; Sept. 20.

Saxon, Herman R., assignor, by mesne assignments, to The Electric Auto-Lite Company, Toledo, Ohio. Lamp bracket. 1,643,131; Sept. 20.

Scheiter, John C., Rochester, N. Y. Last. 1,643,180; Sept. 20.

Schlottner, George K., Chester, and R. H. Youngman, Pittsburgh, assignors to Harbison-Walker Refractories Company, Pittsburgh, Pa. Unburned refractory brick. 1,643,181; Sept. 20.

Schmidt, Carlos A., Oakland, Calif. Vehicle bumper. Des. 73,510; Sept. 20.

Schmidt, Ernest H., assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Shock-absorbing mechanism. 1,643,052; Sept. 20.

Schmohl, Alfred C., Beaver Falls, assignor to Koppel Industrial Card and Equipment Company, Pittsburgh, Pa. Dump car. 1,642,750; Sept. 20.

Schoeller, Walter, and M. Gehrke, assignors to the Firm Chemische Fabrik auf Actien (vorm. E. Schering), Berlin, Germany. Pharmaceutical product containing arsenic and making same. 1,642,830; Sept. 20.

Schrader, Ernest C., assignor to Economy Glass Company, Morgantown, W. Va. Tumbler or similar article of glassware. Des. 73,511; Sept. 20.

Schuetz, Thomas J., Tulsa, Okla. Braking mechanism for motor vehicles. 1,642,898; Sept. 20.

Schvets, George S., New York, N. Y. Folding steel square and protractor. 1,643,033; Sept. 20.

Scott, Wallace, and S. D. Marjoribanks, assignors to Scotts Household Appliances Limited, Newcastle-upon-Tyne, England. Excluding drafts from under doors. 1,643,132; Sept. 20.

Scotts Household Appliances Limited. (See Scott, W., and Marjoribanks, assignors.)

Seaulin Steel Co. (See McCullough, Paul J., assignor.)

Sealock, John W., assignor, by mesne assignments, to Wolverine Metal Specialties Co., Grand Rapids, Mich. Cap for automobile radiators. 1,643,133; Sept. 20.

Secor, Ezra, St. Joseph, Mich. Safety device for presses. 1,642,259; Sept. 20.

Serrurier, Iwan, Altadena, Calif. Picture-projecting apparatus. 1,643,134; Sept. 20.

Shackelford, Orle, Fairmont, W. Va., assignor to Hartford-Empire Company, Hartford, Conn. Apparatus for and method of annealing glassware. 1,642,790; Sept. 20.

Shapiro, Max, New York, N. Y. Egg-testing device. 1,643,093; Sept. 20.

Sharp, Peter, Perth, Scotland. Bobbin for spinning machines. 1,642,972; Sept. 20.

Sheahan, John F., Canton, Ill., assignor to International Harvester Company, Plow. 1,643,182; Sept. 20.

Shekerjian, Hrant R., Atlantic City, N. J. Broom bridle. 1,643,092; Sept. 20.

Sheller, Samuel A., Cleveland, Ohio. Hand and band saw side file. 1,643,135; Sept. 20.

Shelton, Frederick J., Wellington, New Zealand. Displaying goods, merchandise, or the like. 1,643,224; Sept. 20.

Shipley, Marion R., Manhattan Beach, assignor, by mesne assignments, to Oil Appliance Manufacturing Corporation, Los Angeles, Calif. Stopcock having floating plug. 1,642,973; Sept. 20.

Shur-On Standard Optical Company. (See McDonell, William E., assignor.)

Shur-On Standard Optical Company. (See McDonell, W. E., and Leytham, assignors.)

Siegert, Richard, Klein-Drebnitz, assignor to A. Fritz, Dresden-A., Germany. Device for drilling, filling, and sealing hollow bodies. 1,643,260; Sept. 20.

Simmons, Clarence L. (See Rice, G. E., and Simmons.)

Simpson, Stephen, Newton Abbot, England. Dry gas meter. 1,642,899; Sept. 20.

Singer, Felix, Berlin-Charlottenberg, Germany. Stoneware of high resistance against the perforating power of electrical sparks and making the stoneware. 1,642,754; Sept. 20.

Sirl, Ralph, Cleveland, Ohio. Steering knuckle. 1,643,034; Sept. 20.

Skorepa, Joseph F., New York, N. Y. Key case. 1,642,791; Sept. 20.

Smith, A. O., Corporation. (See Andren, Birger T., assignor.)

Smith, A. O., Corporation. (See Langstroth, C. B., and Wunder, assignors.)

Smith, A. O., Corporation. (See Mikesch, Martin A., assignor.)

Smith, A. O., Corporation. (See Miller, Jacob C., assignor.)

Smith, A. O., Corporation. (See Richter, Walter E., assignor.)

Smith, A. O., Corporation. (See Smith, Charles S., assignor.)

Smith, A. O., Corporation. (See Stresau, Richard, assignor.)

Smith, A. O., Corporation. (See Wetmore, Charles P., assignor.)

Smith, A. O., Corporation. (See Yeomans, Lucien L., assignor.)

Smith, Charles J., Dearborn, and H. A. Hicks, assignors to Ford Motor Company, Detroit, Mich. Airplane-tail-supporting wheel. 1,642,699; Sept. 20.

Smith, Charles S., assignor to A. O. Smith Corporation, Milwaukee, Wis. Making axle housings. 1,643,225; Sept. 20.

Smith, David F., Washington, D. C. Compressor for refrigerating machinery. 1,642,900; Sept. 20.

Smith, Stanley C., London, England. Conversion of lead chloride to lead carbonate. 1,643,261; Sept. 20.

Smith, William R., Hillsboro, Tex. Garter. 1,643,183; Sept. 20.

Snyder, Chester R. (See Rystedt, Ingemar K., assignor.)

Sonntag, Eugene, Astoria, N. Y. Window seat. 1,642,792; Sept. 20.

Soulier, Leonard D., assignor to The Owens Bottle Company, Toledo, Ohio. Method and apparatus for producing charges of molten glass. 1,642,904; Sept. 20.

Spackman, Henry S., Ardmore, Pa. Manufacturing cementitious material. 1,643,136; Sept. 20.

Spackman, Henry S., Lehman Township, Pike County, Pa. Hydraulic cement and making the same. 1,643,137; Sept. 20.

Speegle, Emanuel A., Los Angeles, Calif. Combination excavator and dredge. 1,643,094; Sept. 20.

Spinasse, Arthur E., Mount Vernon, Ohio. Glass-drawing apparatus. 1,643,184; Sept. 20.

Splittdorf-Bethlehem Electrical Company. (See Tower, Charles H., assignor.)

Sprenger, Richard, Henningsdorf, Germany, assignor to General Electric Company. Nonmetallic toothed element. 1,643,185; Sept. 20.

Spurrier, Harry. (See Berge, Godskalk, assignor.)

Srofe, Jesse, Cincinnati, Ohio. Toy block. 1,642,901; Sept. 20.

Stahl, Kate M., Los Angeles, Calif. Hair curler. 1,643,035; Sept. 20.

Standard Gas Equipment Corporation. (See O'Dowd, Henry W., assignor.)

Stanley Works, The. (See Bodmer, C., and Cook, assignors.)

Staples, Horace A., Plainfield, and H. K. Beach, Roselle, N. J., assignors to American Copper Products Corporation, New York, N. Y. Machine for pickling coils of wire or rods. 1,643,186; Sept. 20.

Star Chandler Co. (See Boehringer, John A., assignor.)

Stedde, Anton, Arlington, assignor to Burton-Boston Brush Co., Cambridge, Mass. Brush. 1,642,974; Sept. 20.

Stein, William G., Canton, Ohio. Deflector and light filter. 1,643,187; Sept. 20.

Steinberg, Carl, New York, N. Y. Straw hat. 1,643,138; Sept. 20.

Steiner, Amos P., assignor to Landis Tool Company, Waynesboro, Pa. Hydraulic work-carriage control. 1,643,262; Sept. 20.

Steiner, George A., assignor to Steiner Sales Company, Salt Lake City, Utah. Towel cabinet. 1,643,096; Sept. 20.

Steiner, George A., Salt Lake City, Utah, and G. Olson, Minneapolis, Minn., assignors to Steiner Sales Company, Salt Lake City, Utah. Towel cabinet. 1,643,095; Sept. 20.

Steiner Sales Company. (See Overholt, Albert L., assignor.)

Steiner Sales Company. (See Steiner, George A., assignor.)

Steiner Sales Company. (See Steiner, G. A., and Olson, assignors.)

Steinmetz, George J. (See Ruse, Charles L., assignor.)

Stertzbach, Harry W., assignor to The Buckeye Steel Castings Company, Columbus, Ohio. Cast side frame for car trucks. 1,642,793; Sept. 20.

Stevens Engineering and Construction Company. (See Roop, C. E., Dieckmeyer, and Barutlo, assignors.)

Stewart, Archie A. and J. H. Waterloo, Iowa. Centrifugal roundabout. 1,643,097; Sept. 20.

Stewart, Henry C., assignor to The Westmoreland Chemical & Color Company, Philadelphia, Pa. Manufacturing iron oxide. 1,642,975; Sept. 20.

Stewart, John H. (See Stewart, Archie A. and J. H.)

Stewart, Robert D., deceased, Cleveland, N. Dak. The First National Band, administrator, Arlington, S. Dak. Gate lock. 1,642,976; Sept. 20.

Stewart-Warner Speedometer Corporation. (See Hede-mark, Edward L., assignor.)

Stickney, Charles A., assignor to Rockford Drilling Machine Company, Rockford, Ill. Shock absorber. 1,642,902; Sept. 20.

Stinnes, Hugo, Riebeck, Montan und Ölwerke Akt. Ges. (See Hellthaler, Theodor, assignor.)

Stoakes, James D., Detroit, Mich., assignor to Superior Safety Furnace Pipe Company. Producing ornamented eaves. 1,642,903; Sept. 20.

Stokes, Oscar E., Streator, Ill. Washing machine. 1,642,700; Sept. 20.

Stork, John, San Diego, Calif. Measuring device. 1,642,977; Sept. 20.

Strabelle, Irene, Atlantic City, N. J. Hair waver. 1,643,226; Sept. 20.

Strand, Carl, Mitchell, S. Dak. Tire-chain fastener. 1,642,701; Sept. 20.

Strawn, Marlon L. (See Ray, W. H., and Strawn.)

Stresau, Richard, Wauwatosa, assignor to A. O. Smith Corporation, Milwaukee, Wis. Metallic arc welding. 1,643,227; Sept. 20.

Stripling, Leslie D., Big Spring, Tex. Tractor. 1,643,098; Sept. 20.

Strom, Frederic H., St. Paul, Minn. Synchronizing attachment for phonographs. 1,642,702; Sept. 20.

Stromberg-Carlson Telephone Manufacturing Company. (See Beach, J. M., and Fletcher, assignors.)

Stromberg-Carlson Telephone Manufacturing Company, The. (See Manson, Ray H., assignor.)

Strong, Albin L., assignor to L. A. Molten, Hoboken, N. J. Fuel saver. 1,642,831; Sept. 20.

Stump, Burdette, Denver, Colo. Phonograph. 1,643,228; Sept. 20.

Sugden, Charles K., London, England. Sound-reproducing apparatus. 1,642,905; Sept. 20.

Suggs, Lee R., Atlanta, Ga. Advertising novelty. 1,642,906; Sept. 20.

Sulak, Anton G., Seattle, Wash. Piano. 1,643,139; Sept. 20.

Sullivan, Charles E., and L. Zaboltzky, Colorado Springs, Colo. Steam, air, and signal line connection. 1,643,229; Sept. 20.

Sullivan Machinery Company. (See Holmes, Morris P., assignor.)

Sullivan Machinery Company. (See Wineman, Wade H., assignor.)

Summers, Louis D., assignor to Franz and Summers, Springfield, Ill. Boiler and economizer organization. 1,642,794; Sept. 20.

Sundb, August, Hastings on the Hudson, N. Y. Flexible coupling. 1,642,907; Sept. 20.

Superior Safety Furnace Pipe Company. (See Stoakes, James D., assignor.)

Supermarine Aviation Works, Limited, The. (See Mitchell, Reginald J., assignor.)

Swain, Joseph G., assignor to The Firestone Steel Products Company, Akron, Ohio. Wheel and demountable rim. 1,643,188; Sept. 20.

Symington, T. H., and Son, Inc. (See Symington, T. H., and Drenning, assignors.)

Symington, Thomas H., and P. R. Drenning, assignors, by mesne assignments, to T. H. Symington and Son, Inc., Baltimore, Md. Truck bolster with absorption mechanism. 1,642,751; Sept. 20.

Taecker, August T., Brawley, Calif. Fuel vaporizer. 1,642,795; Sept. 20.

Taylor, Charles R., Moccasin, Mont. Grain-drill attachment. 1,642,908; Sept. 20.

Texas Company, The. (See Drake, Rollin L., assignor.)

Thomann, Frederick A., East Moline, assignor to Deere & Company, Moline, Ill. Flask for casting metallic wheel hubs. 1,643,140; Sept. 20.

Thomann, Robert, Lausanne, Switzerland. Gate apparatus for turbines and the like. 1,643,099; Sept. 20.

Thomas, Adolph A. (See Billeberger, Charles, assignor.)

Thomas, Howard L., Circleville, Ohio. Fence post. 1,643,100; Sept. 20.

Thompson, Arthur S., Ontario, Calif. Watchmaker's desk or cabinet. 1,643,101; Sept. 20.

Thompson, Horace W., East Cleveland, assignor to Bardons & Oliver, Cleveland, Ohio. Metal lathe. 1,642,909; Sept. 20.

Thompson Manufacturing Company. (See Thompson, Walter V. E., assignor.)

Thompson Products Inc. (See Hufford, George H., assignor.)

Thompson, Walter V. E., assignor to Thompson Manufacturing Company, Los Angeles, Calif. Sprinkler with resistance motor. 1,642,910; Sept. 20.

Thomson, Herbert G., New York, N. Y., assignor to Anchor Post Fence Company, Garwood, N. J. Fence construction. 1,643,277; Sept. 20.

Thomson Machine Company. (See Parsons, Edward T., assignor.)

Thorne, Carl B., Hawkesbury, Ontario, Canada. Bleaching and like purposes. 1,642,978; Sept. 20.

Thorp, Vaughn P., River Edge, N. J., assignor to American Telephone and Telegraph Company. Carrier telegraph receiver. 1,642,703; Sept. 20.

Thurnau, Carl G., New Hartford, N. Y. Workman's saddle belt. 1,642,911; Sept. 20.

Tierney, Miles A., Minneapolis, Minn. Fixture-attaching strap. 1,642,796; Sept. 20.

Timbs, Edward, Los Angeles, and L. E. Zerbe, Moneta, assignors to Union Tool Company, Torrance, Calif. Unitary structure for crown sheaves. 1,642,979; Sept. 20.

Tintner, George L. (See Hill, C. B., and Tintner.)

Tobin, James F. (See Fitch, J. S., and Tobin.)

Tolman, Charles F., Kew Gardens, N. Y. Method of and apparatus for treating hydrocarbons. 1,643,036; Sept. 20.

Torrance, Daniel M., Garwin, Iowa. Egg supporting and turning device. 1,643,102; Sept. 20.

Tower, Charles H., Cleveland, Ohio, assignor, by mesne assignments, to Splittdorf-Bethlehem Electrical Company, Newark, N. J. Magneto. 1,642,704; Sept. 20.

Tracy, Robert B., Chicago, Ill. Tooth-paste dispenser. 1,642,797; Sept. 20.

Traves, Webster F., Oklahoma City, Okla., assignor to The Gulberson Corporation, Dallas, Tex. Pipe gripping and supporting device. 1,642,832; Sept. 20.

Trent Process Corporation. (See Trent, Walter E., assignor.)

Trent, Walter E., Washington, D. C., assignor to Trent Process Corporation, New York, N. Y. Preventing mine explosions. 1,642,912; Sept. 20.

Troy Metal Products Company, The. (See Akers, Milton K., assignor.)

Trozzo, Rafael, Buenos Aires, Argentina. Building unit and method. 1,643,103; Sept. 20.

Tucker, Pinkney B., Guilford County, N. C., assignor of two-fifths to A. E. Reitzel, Washington, D. C. Manure distributor. 1,642,798; Sept. 20.

Turner, Arch P., San Antonio, Tex. Form for making hollow bricks, tiles, and the like. 1,642,980; Sept. 20.

Turner, Laurence B., Cambridge, England, assignor, by mesne assignments, to Westinghouse Electric & Manufacturing Company. Electric relay. 1,642,861; Sept. 20.

Tuttle, Howard R., Blissfield, Mich. Stone catcher for beet slicers. 1,642,705; Sept. 20.

Underwood Typewriter Company. (See Corcoran, Cornelius B., assignor.)

Underwood Typewriter Company. (See Dobson, William A., assignor.)

Underwood Typewriter Company. (See Rowley, Edward G., assignor.)

Union Tool Company. (See Timbs, E., and Zerbe, assignors.)

United Shoe Machinery Corporation. (See Angers, Charles S., assignor.)

United Shoe Machinery Corporation. (See Brogan, Michael F., assignor.)

United Shoe Machinery Corporation. (See Goddu, George, assignor.)

United Shoe Machinery Corporation. (See Matthews, Algernon W., assignor.)

"Universelle" Cigaretten-Maschinen Fabrik J. C. Müller & Co. (See Röber, Constantin F., assignor.)

Urofsky, Nathan, New York, N. Y. Portable theftproof box. 1,643,189; Sept. 20.

Valley Electric Company. See Bullivant, Francis J., assignor.)

Vaughan, William. (See Kriegelsheim, H., and Vaughan.)

Vickers Limited. (See Boden, Oliver, assignor.)

Voices Incorporated. (See De Cesare, Matteo, assignor.)

Voices Incorporated. (See Hutnikow, Theodore, assignor.)

Vollrath, Edwin, Easton, Pa. Belt clamp. 1,643,037; Sept. 20.

Von Canon, James B., West End, N. C. Fruit sizer. 1,643,190; Sept. 20.

Von Glahn, Charles H., Brooklyn, N. Y. Box-making machine. 1,642,913; Sept. 20.

Wadley, Albert W., Yonkers, N. Y. Treeremover. 1,643,141; Sept. 20.

Wadsworth, Watch Case Company, The. (See Otten, Lawrence F., assignor.)

Wallace, David R., Joplin, Mo. Telephone receiver. 1,643,104; Sept. 20.

Ward, Henry L., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Forming apparatus. 1,642,755; Sept. 20.

Ward, William M., Marion, Ohio. Tank. 1,642,799; Sept. 20.

Watkins, Tom, Gateway, Colo. Rein support. 1,642,800; Sept. 20.

Webber, William. (See Benjamin, B. R., and Webber.)

Wedekind, Edwin H., deceased, San Francisco, Calif.; H. C. Haas, administrator. Subliming apparatus. 1,642,756; Sept. 20.

Weigle, Edmund, Bergenfield, N. J., assignor, by mesne assignments, to R. W. Bristol, doing business as Atlas Elevator Devices Co., New York, N. Y. Guide-rail lubricator. 1,643,038; Sept. 20.

Weiss, Georg, and F. Gentzke, assignors to Schnette-Lanz Luftfahrzeugbau- und Betriebs G. m. b. H., Zeesen, near Königswusterhausen, Germany. Pipe joint. 1,642,981; Sept. 20.

Welch, Alfred F., Fort Wayne, Ind., assignor to General Electric Company. Sewing-machine motor. 1,643,191; Sept. 20.

Welsh, James W., Providence, R. I., assignor to Bausch and Lomb Optical Company, Rochester, N. Y. Spectacle temple and making the same. 1,642,833; Sept. 20.

Wentz, Jere L., Passaic, N. J. Massage machine. 1,643,039; Sept. 20.

Wentz, Jere L., Passaic, N. J. Massage machine. 1,643,040; Sept. 20.

Western Electric Company. (See Elmen, Gustaf W., assignor.)

Western Electric Company. (See Fullarton, Gregg M., assignor.)

Western Electric Company. (See Gauthier, Ernest, assignor.)

Western Electric Company. (See Grange, John D., assignor.)

Western Electric Company. (See Jones, Warren C., assignor.)
 Western Electric Company. (See McFarland, Robert E., assignor.)
 Western Electric Company. (See Ray, W. H., and Strawn, assignors.)
 Western Electric Company. (See Ray, William H., assignor.)
 Western Electric Company. (See Ward, Henry L., assignor.)
 Westinghouse Electric & Manufacturing Company. (See De Vries, Andrew, assignor.)
 Westinghouse Electric & Manufacturing Company. (See Turner, Laurence B., assignor.)
 Westinghouse Lamp Company. (See Lorenz, Charles F., assignor.)
 Westlake, Charles T., assignor to Commonwealth Steel Company, St. Louis, Mo. Car truck. 1,642,862; Sept. 20.
 Westmoreland Chemical & Color Company, The. (See Stewart, Henry C., assignor.)
 Wetmore, Charles P., assignor, by mesne assignments, to A. O. Smith Corporation, Milwaukee, Wis. Tapping tool. 1,643,263; Sept. 20.
 Wetmore, Charles P., assignor to A. O. Smith Corporation, Milwaukee, Wis. Collapsible threading tap. 1,643,264; Sept. 20.
 Whann, Jesse P., assignor to Layne & Bowler Corporation, Los Angeles, Calif. Sandproof bearing. 1,642,914; Sept. 20.
 Whipp, Wendell E., assignor to The Monarch Machine Tool Company, Sidney, Ohio. Headstock for lathes. 1,642,863; Sept. 20.
 Whipples, George L., assignor to Duo-Run Reversible Window Company, Portland, Oreg. Window frame. 1,643,142; Sept. 20.
 White, Frank H., New York, N. Y. Cooking and serving installation. 1,642,700; Sept. 20.
 Wichert, Alfred, Mannheim-Neustadt, assignor to Aktien-gesellschaft Brown, Boveri & Cie., Baden, Switzerland. Hanger clamp for stranded cable. 1,642,707; Sept. 20.
 Wiechmann, Vittorio E., Florence, Italy. Atomizer. 1,642,757; Sept. 20.
 Wiegand, Henry J., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis. Resistance-control apparatus. 1,643,105; Sept. 20.
 Wilcox, Katharine R., executrix. (See Wilcox, Philip W.)
 Wilcox, Philip W., deceased, Atlanta, Ga.; K. R. Wilcox, executrix. Apparatus for dusting powdered substances on surfaces. 1,643,143; Sept. 20.
 Wilcox, Philip W., deceased, Atlanta, Ga.; K. R. Wilcox, executrix. Dusting machine. 1,643,144; Sept. 20.
 Wilkinson, Henry, and J. Reed, assignors of one-third to Platt Brothers and Company Limited, Oldham, England. Carding engine for carding artificial silk and such like material. 1,642,758; Sept. 20.
 Williams, Anthony F., assignor to North East Appliances Inc., Rochester, N. Y. Power mechanism. 1,643,041; Sept. 20.
 Williams, Austin D., and F. J. Hickey, Sacramento, Calif. Shock absorber for pneumatic hammers. 1,642,759; Sept. 20.

Williams, Jack, assignor to Williams & Williams Limited, Chester, England. Window. 1,643,042; Sept. 20.
 Williams, John N. S., Honolulu, Hawaii. Filter. 1,642,864; Sept. 20.
 Williams, John P., assignor to Duplex Electric Company, New York, N. Y. Safety means for hand bags or the like. 1,643,106; Sept. 20.
 Williams, Marshall M., Faison, N. C. Combination foot switch. 1,643,230; Sept. 20.
 Williams & Williams Limited. (See Williams, Jack, assignor.)
 Willis, Henry I., Colfax, Wash. Auto chain fastener. 1,643,043; Sept. 20.
 Willis, Ray L., Arvin, Calif. Cotton gin. 1,642,982; Sept. 20.
 Wilson, George H., Louisville, Ky. Tobacco pipe. 1,643,231; Sept. 20.
 Wilson, George O., et al. (See Presa, Gilberto N., assignor.)
 Wilson, John B. (See Sale, J. W., and Wilson.)
 Wimmer, Joseph. (See Mugdan, M., and Wimmer.)
 Wineman, Wade H., Chicago, Ill., assignor to Sullivan Machinery Company. Compressor-unloading mechanism. 1,642,760; Sept. 20.
 Winkler, Carl, Bern, Switzerland. Plate cylinder for rotary intaglio printing. 1,643,145; Sept. 20.
 Wirrer, Gottfried, Plainfield, N. J., assignor to International Motor Company, New York, N. Y. Grinding wheel and method of grinding. 1,642,708; Sept. 20.
 Wojciechowski, Frank M., North Attleboro, assignor to Marathon Company, Attleboro, Mass. Vanity case and the like. 1,643,278; Sept. 20.
 Wolter, Herman H., assignor to The Miller Company, Meriden, Conn. Lighting fixture. Des. 73,512; Sept. 20.
 Wolverine Metal Specialties Co. (See Sealock, John W., assignor.)
 Worcester, Evan R., Marlon, Ind., assignor to Macbeth-Evans Glass Company, Charleroi, Pa. Glass jug. Des. 73,513; Sept. 20.
 Worthington, Edith. (See Powell, Otis W., assignor.)
 Worthington Pump & Machinery Corporation. (See Fleming, Willis M., assignor.)
 Wunder, George G. (See Langstroth, C. B., and Wunder.)
 Yeager, Henry M., assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Radiator shutter. 1,643,192; Sept. 20.
 Yeomans, Lucien I., Chicago, Ill. Supporting rotary cylinders. 1,642,834; Sept. 20.
 Yeomans, Lucien I., Chicago, Ill., assignor to A. O. Smith Corporation, Milwaukee, Wis. Centrifugal casting machines. 1,643,265; Sept. 20.
 Youngman, Robert H. (See Schlotterer, G. K., and Youngman.)
 Zaboltzky, Louis. (See Sullivan, C. E., and Zaboltzky.)
 Zebrat, Gustav, South Pasadena, Calif. Coffee percolator. 1,642,865; Sept. 20.
 Zerbe, Lewis E. (See Timbs, E., and Zerbe.)
 Zimmermann, Otto J. (See Bollman, G. O., and Zimmermann.)
 Zucco, Pierre, San Francisco, Calif. Tunnel construction. 1,642,709; Sept. 20.

ALPHABETICAL LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 20TH DAY OF SEPTEMBER, 1927.

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice). Includes patents, reissues, and designs.

Adjustable clamp. J. Ryden and C. Gustavson. 1,642,829; Sept. 20.
 Advertising device. I. Davidson. 1,642,671; Sept. 20.
 Advertising novelty. L. R. Suggs. 1,642,906; Sept. 20.
 Aeroplanes, Propelling device for. E. Landon. 1,642,752; Sept. 20.
 Airship. Rigid. O. Gelsler. 1,642,727; Sept. 20.
 Alloy. Steel. L. M. Brown. 1,643,054; Sept. 20.
 Ammonium fluorides, Making. J. W. Proctor. 1,642,788; Sept. 20.
 Analysis apparatus, Gas. R. Eisenschitz. 1,643,155; Sept. 20.
 Antiskid device. W. J. J. Miley. 1,643,167; Sept. 20.
 Araways and the like. Protecting device for. C. K. Ernst. 1,643,207; Sept. 20.
 Armament. E. A. Gross. 1,642,855; Sept. 20.
 Ash tray. O. B. Bach. Des. 73,471; Sept. 20.
 Asphalt slabs and sheets, Preparing. F. C. J. de Both. 1,643,059; Sept. 20.
 Asphalt spreader. H. G. Richardson. 1,642,747; Sept. 20.
 Assembling parts. Apparatus for. G. M. Fullarton. 1,642,771; Sept. 20.
 Astronomy device. M. Evannik. 1,643,007; Sept. 20.
 Atmospherically-controlled switch. J. E. Bolling. 1,642,718; Sept. 20.
 Atomizer. V. E. Wiechmann. 1,642,757; Sept. 20.
 Auto chain fastener. H. I. Willis. 1,643,043; Sept. 20.
 Auto wheel sleigh runner. J. A. Barrett. 1,642,714; Sept. 20.
 Automobile body. O. J. Groehn. 1,642,730; Sept. 20.
 Automobile frames. Attaching spring hanger to the side bars of. B. T. Andren. 1,643,232; Sept. 20.
 Automobile frames, Cushioned spring-hanger connection for. W. E. Richter. 1,643,258; Sept. 20.
 Automobile radiator cap. F. C. Ruppel. Des. 73,509; Sept. 20.
 Automobile radiators, Cap for. J. W. Sealock. 1,643,133; Sept. 20.
 Automobile seat. J. J. Bell. 1,643,236; Sept. 20.
 Automobiles, Heater attachment for. T. Kress and L. J. Koch. 1,643,279; Sept. 20.
 Automobiles, Traffic signal for. T. M. Campos. 1,642,941; Sept. 20.
 Automotive equipment. P. M. Krantz. 1,642,960; Sept. 20.
 Awning-operating device. H. J. and J. F. Baumann. 1,643,281-2; Sept. 20.
 Axle housings, Making. C. S. Smith. 1,643,225; Sept. 20.
 Bags or the like, Safety means for hand. J. P. Williams. 1,643,106; Sept. 20.
 Ball race. F. T. Farmer. 1,643,156; Sept. 20.
 Banjos, Armrest for. A. D. Grover and L. H. Bertram. 1,642,811; Sept. 20.
 Baskets, Machine for making. W. F. Newhouse. 1,643,287; Sept. 20.
 Bearing, Sandproof. J. P. Whann. 1,642,914; Sept. 20.
 Beet and cotton thinner. L. C. Hall. 1,643,242; Sept. 20.
 Belt clamp. E. Vollrath. 1,643,037; Sept. 20.
 Blas-cutting machine. P. Gardner. 1,643,157; Sept. 20.
 Binding post. W. H. Pumphrey. 1,642,695; Sept. 20.
 Bleaching and like purposes. C. B. Thorne. 1,642,978; Sept. 20.
 Block: See—
 Road-paving block. Toy block.
 Board: See—
 Plaster board.
 Boiler: See—
 Steam boiler.
 Boiler and economizer organization. L. D. Summers. 1,642,794; Sept. 20.
 Book binding and covering machine. R. E. Ackley. 1,642,866; Sept. 20.
 Boot. J. L. Barrett. 1,642,715; Sept. 20.
 Boot and shoe and prepared insole therefor. B. F. Hartwell. 1,642,877; Sept. 20.
 Boot, Form-fitting. L. H. L'Hollier. 1,643,125; Sept. 20.
 Bottle. F. Grad. Des. 73,497; Sept. 20.
 Bottle cap. C. R. Perkins. 1,643,256; Sept. 20.
 Bottle-exchange receptacle for containing milk bottles. P. T. McLaughlin and W. Anderson. 1,642,999; Sept. 20.
 Bottles and the like, Stopper and sprinkler cap for. G. E. Davis. 1,643,285; Sept. 20.
 Box: See—
 Mail box. Vanity box.
 Theft-proof box.
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Box. F. F. Hamilton. Des. 73,500; Sept. 20.
 Box-making machine. C. H. Van Gahin. 1,642,913; Sept. 20.
 Brace: See—
 Railway-rail brace.
 Bracket: See—
 Lamp bracket.
 Braiding machine. R. E. McFarland. 1,642,785; Sept. 20.
 Brake: See—
 Fluid-pressure brake.
 Brake. A. Y. Dodge and E. G. McDonald. 1,642,844; Sept. 20.
 Brake mechanism. R. Le Luomier. 1,642,784; Sept. 20.
 Bread, Making. C. B. Hill and G. L. Tintner. 1,643,011-12; Sept. 20.
 Brick, Unburned refractory. G. K. Schlotterer and R. H. Youngman. 1,643,181; Sept. 20.
 Bricks, tiles, and the like, Form for making hollow. A. P. Turner. 1,642,980; Sept. 20.
 Bridging. H. O. Davidson. 1,642,945; Sept. 20.
 Brooch or similar article. A. Brod. Des. 73,482-94; Sept. 20.
 Brooder, Gas. J. W. Myers. 1,642,787; Sept. 20.
 Broom bridle. H. R. Shekerjian. 1,643,092; Sept. 20.
 Brush. A. Steidle. 1,642,974; Sept. 20.
 Brush, Abrading. L. Holtschneider. 1,642,857; Sept. 20.
 Buckle, Strap. L. F. Otten. 1,643,083; Sept. 20.
 Building construction. A. Henderson. 1,642,952; Sept. 20.
 Building unit and method. R. Trozzo. 1,643,103; Sept. 20.
 Burner: See—
 Liquid-fuel burner. Oil burner.
 Button. J. H. Herman and G. W. Jones. 1,643,010; Sept. 20.
 Buttonhole shield. R. J. and P. J. O'Brien. 1,643,170; Sept. 20.
 Cabinet, Power. G. F. Rohn. 1,642,698; Sept. 20.
 Cabinet, Towel. G. A. Steiner. 1,643,096; Sept. 20.
 Cabinet, Towel. G. A. Steiner and G. Olson. 1,643,095; Sept. 20.
 Cables, Hanger clamp for stranded. A. Wichert. 1,642,707; Sept. 20.
 Ceiling device. H. F. Obergefell. 1,642,822; Sept. 20.
 Camera, Photographic. J. Mihalyi. 1,642,935; Sept. 20.
 Cameras, Film-winding mechanism for. L. W. Lessler and C. A. Bornmann. 1,642,818; Sept. 20.
 Can or receptacle. F. H. Gouffer. 1,643,009; Sept. 20.
 Cans, Record-holding handle for milk. O. H. Peterson. 1,642,939; Sept. 20.
 Cans, Sealing. R. F. Becht. 1,642,984; Sept. 20.
 Candlestick. O. B. Bach. Des. 73,468; Sept. 20.
 Car, Articulated. F. M. Brinckerhoff. 1,642,869; Sept. 20.
 Car door, Electrically-operated railway. T. Elliott. 1,643,064; Sept. 20.
 Car, Dump. A. C. Schmohl. 1,642,750; Sept. 20.
 Car, Dumping. F. Haupt. 1,642,813; Sept. 20.
 Car end, Metal. E. I. Dodds. 1,643,204; Sept. 20.
 Car, Kln. G. D. Morris. 1,642,938; Sept. 20.
 Car, Motor. I. K. Rystedt. 1,642,971; Sept. 20.
 Car, Refrigerator. O. Luhr. 1,642,882; Sept. 20.
 Car, Selective dump. D. Hindahl. 1,643,013; Sept. 20.
 Car trucks, Cast slide frame for. H. W. Stertzbach. 1,642,793; Sept. 20.
 Cars, Anchorage for vestibule members of articulated. F. Koch. 1,642,959; Sept. 20.
 Carbon impressions, Producing facsimile. P. Inzinga. 1,643,212; Sept. 20.
 Carbonator. H. J. McCue. 1,642,739; Sept. 20.
 Carding engine for carding artificial silk and like material. H. Wilkinson and J. Reed. 1,642,758; Sept. 20.
 Carpenter's tape. T. W. Martin. 1,643,166; Sept. 20.
 Carriage control, Hydraulic work. A. P. Steiner. 1,643,262; Sept. 20.
 Cart, Clothes-basket. E. A. Hagberg. 1,642,731; Sept. 20.
 Case: See—
 Key case. Vanity case.
 Casing head. L. M. Pearce and J. O. McPherson. 1,642,745; Sept. 20.
 Casserole or similar article. G. R. Ahrendts. Des. 73,465; Sept. 20.
 Casting machine, Centrifugal. L. I. Yeomans. 1,643,265; Sept. 20.
 Casting machines, Quick-detachable dam for the molds of centrifugal. M. A. Mikesch. 1,643,253; Sept. 20.

Cement and making the same, Hydraulic. H. S. Spackman. 1,643,137; Sept. 20.
 Cementitious material, Manufacturing. H. S. Spackman. 1,643,136; Sept. 20.
 Chair: See—
 Collapsible chair.
 Chandelier. J. A. Boehringer. Des. 73,481; Sept. 20.
 Chemical tests and controlling chemical reactions, Apparatus for effecting. H. S. Hatfield. 1,643,243; Sept. 20.
 Chicken-counting device. W. E. Fissell. 1,643,071; Sept. 20.
 Chicken fountain. J. Imschweller. 1,642,926; Sept. 20.
 Cigarettes, Machine for the manufacture of chocolate. C. Rober. 1,642,894; Sept. 20.
 Cinematographic picture with stereoscopic qualities. C. Roulin. 1,642,918; Sept. 20.
 Clamp: See—
 Adjustable clamp. Belt clamp.
 Clamping device, Box. E. C. Anschutz. 1,642,665; Sept. 20.
 Clarifying and decolorizing agent and making the same. M. L. Chappell, R. F. Davis, and M. M. Moore. 1,642,871; Sept. 20.
 Clasp for hand bags and like receptacles. D. Balazs. 1,642,836; Sept. 20.
 Cleaner: See—
 Windshield cleaner.
 Clip: See—
 Mowing-machine clip.
 Clutch, Centrifugal. H. L. Brooke. 1,642,721; Sept. 20.
 Cook having floating plug. Stop. M. R. Shipley. 1,642,973; Sept. 20.
 Collapsible chair. W. J. Bauer. 1,643,107; Sept. 20.
 Collar, Semisoft. R. Hunter. 1,642,858; Sept. 20.
 Colloid products, Forming. S. A. Neldich. 1,643,080; Sept. 20.
 Comb. C. G. Anderson. 1,642,916; Sept. 20.
 Compressor, Lubricant. J. Bystricky. 1,642,940; Sept. 20.
 Compressors, Governor for steam-driven. W. Raymond. 1,643,129; Sept. 20.
 Concentrating table. W. F. and E. Delster. 1,642,843; Sept. 20.
 Concentrating table. W. F. and E. Delster. 1,643,060; Sept. 20.
 Concrete building structures, Casting in situ of. G. W. Rawlings. 1,642,893; Sept. 20.
 Concrete structures, Forming. C. E. Roop, L. M. Dieckmeyer, and C. B. Barutlo. 1,642,753; Sept. 20.
 Concrete work, Expansion joint for. T. Rauschenbach. 1,643,257; Sept. 20.
 Condenser, Fixed. A. Moss. 1,642,688; Sept. 20.
 Condenser, Snow. E. J. Jones. 1,643,121; Sept. 20.
 Construction and making the same, Externally reinforced. J. H. Lovering. 1,643,275; Sept. 20.
 Container. P. C. P. Rooty. 1,642,868; Sept. 20.
 Container, Cord and thread. H. F. Carlson and H. A. Reeen. 1,642,805; Sept. 20.
 Cooking and serving installation. F. H. White. 1,642,706; Sept. 20.
 Core-supporting means. R. M. Johnstone. 1,642,680; Sept. 20.
 Cork article and making the same, Compressed. H. F. Busch. 1,642,989; Sept. 20.
 Corset. T. G. Bowers. 1,643,109; Sept. 20.
 Cotton gin. R. L. Willis. 1,642,982; Sept. 20.
 Cotton stapling. E. E. Chandler. 1,643,198; Sept. 20.
 Coupling: See—
 Flexible coupling. Universal coupling.
 Crown sheaves, Unitary structure for. E. Tibbs and L. E. Zerbe. 1,642,979; Sept. 20.
 Cultivator. H. E. Altgelt. 1,642,801; Sept. 20.
 Cultivator attachment. J. S. Davis. 1,643,200; Sept. 20.
 Cultivators, Elevating and depressing mechanism for. S. K. Dennis. 1,643,153; Sept. 20.
 Cuvolas and the like, Apparatus for charging. W. A. Griffin. 1,643,208; Sept. 20.
 Curler, Hair. K. M. Stahl. 1,643,035; Sept. 20.
 Current apparatus, Winding for alternating. M. A. Savage. 1,643,178; Sept. 20.
 Cutter: See—
 Rotary cutter.
 Cyanogen compounds, Preparation of. R. W. Polndexter and W. E. Olberg. 1,642,694; Sept. 20.
 Cylinders, Supporting rotary. L. I. Yeomans. 1,642,834; Sept. 20.
 D handle. C. L. Hertel. 1,642,994; Sept. 20.
 Deflector and light filter. W. G. Stein. 1,643,187; Sept. 20.
 Desk or cabinet, Watchmaker's. A. S. Thompson. 1,643,101; Sept. 20.
 Dial, Illuminating. A. H. Grebe. 1,642,676-7; Sept. 20.
 Direction signal. L. E. Huber. 1,642,995; Sept. 20.
 Dishes and the like, Device for washing. J. T. McGrath. 1,642,933; Sept. 20.
 Disk wheel. R. H. Pierce and G. A. Anderson. 1,643,172; Sept. 20.
 Door-control mechanism. J. O. Nelkirk. 1,643,081; Sept. 20.
 Door, Oven. M. A. Possons. 1,643,288; Sept. 20.
 Doors, Means for excluding draughts from under. W. Scott and S. D. Marjoribanks. 1,643,132; Sept. 20.

Dough layer, Packaged unbaked. M. I. Byrnes. 1,642,804; Sept. 20.
 Dough moulders, Extender attachment for. E. T. Parson. 1,642,693; Sept. 20.
 Drain tube. J. E. Long. 1,642,819; Sept. 20.
 Dredger. G. E. Dean. 1,643,201; Sept. 20.
 Drier: See—
 Veneer drier.
 Drill: See—
 Hand drill.
 Drill attachment, Grain. C. R. Taylor. 1,642,908; Sept. 20.
 Drilling, filling, and sealing hollow bodies, Device for. R. Slegert. 1,643,260; Sept. 20.
 Drilling machine. G. H. Gilman. 1,642,949; Sept. 20.
 Drum, Shipping. H. E. McCrery. 1,643,252; Sept. 20.
 Drying apparatus. A. B. Cibel. 1,643,056; Sept. 20.
 Dusting machine. P. W. Wilcox. 1,643,144; Sept. 20.
 Dusting powdered substances on surfaces, Apparatus for. P. W. Wilcox. 1,643,143; Sept. 20.
 Dyeing and printing with phenylamine black. G. Aris. 1,643,233; Sept. 20.
 Dyestuffs, Chromiabile brown, disazo. W. Neelmeler, T. Nocken, and W. Rehner. 1,643,222; Sept. 20.
 Ear-testing device. M. J. Haffey. 1,642,923; Sept. 20.
 Eaves, Producing ornamented. J. D. Stonkes. 1,642,903; Sept. 20.
 Egg supporting and turning device. D. M. Torrance. 1,643,102; Sept. 20.
 Egg-testing device. M. Shapiro. 1,643,093; Sept. 20.
 Electric air heater. W. W. Hicks. Des. 73,502; Sept. 20.
 Electric and air switch, Automatic. H. E. Drabing. 1,643,239; Sept. 20.
 Electric relay. L. B. Turner. 1,642,861; Sept. 20.
 Electric switch. P. C. Butte. 1,642,870; Sept. 20.
 Electric switch. M. Gnett. 1,643,210; Sept. 20.
 Electrical apparatus, Cooling system for. J. B. Hodtun. 1,643,014; Sept. 20.
 Electrical sparks and making the stoneware, Stoneware of high resistance against the perforating power of. F. Singer. 1,642,754; Sept. 20.
 Electrically driven machines, Control means for. E. J. Carroll. 1,643,197; Sept. 20.
 Elevator-controlling device. C. Goebert and O. Kugler, sr. 1,642,674; Sept. 20.
 Engine: See—
 Internal-combustion engine. Rotary steam engine.
 Engine. G. Geddis. 1,643,158; Sept. 20.
 Engine with rotary valve, Internal-combustion. E. T. Larkin. 1,642,734; Sept. 20.
 Engines, Distributor for internal-combustion. A. Hammond. 1,642,876; Sept. 20.
 Etching apparatus. J. Baker. 1,643,234; Sept. 20.
 Excavator and dredge, Combined. E. A. Speegle. 1,643,094; Sept. 20.
 Extraction process and apparatus. W. F. Holzheuer. Re16,739; Sept. 20.
 Facial-lifting and supporting device. O. J. Rogers. 1,643,090; Sept. 20.
 Facing blocks, Support and backing for terra cotta or other. F. C. Davis. 1,642,842; Sept. 20.
 Fastening-inserting machine. G. Goddu. 1,642,729; Sept. 20.
 Feeder bushings, Changing glass. J. M. Lents. 1,642,881; Sept. 20.
 Feeder, Hog. W. Dannenberg. 1,642,944; Sept. 20.
 Fence construction. H. G. Thomson. 1,643,277; Sept. 20.
 Fencepost. H. L. Thomas. 1,643,100; Sept. 20.
 Fender and brake, Vehicle. B. Iere. 1,642,879; Sept. 20.
 Fermenting and storing organic manure foodstuffs and the like, Plant for. F. Krantz. 1,643,018; Sept. 20.
 Filter. J. N. S. Williams. 1,642,864; Sept. 20.
 Filtering medium and making same. R. N. Riddle. 1,643,031; Sept. 20.
 Filtering medium, Making a. R. N. Riddle. 1,643,032; Sept. 20.
 Fishing lure. H. A. Kinney. Des. 73,503; Sept. 20.
 Fishing rod, Sectional. A. Chromczak. 1,643,003; Sept. 20.
 Fishpond with sewage, supply. K. Imhoff. 1,643,273; Sept. 20.
 Fixture-attaching strap. M. A. Tierney. 1,642,796; Sept. 20.
 Flavoring product, Manufacturing a true maple. J. W. Sale and J. B. Wilson. 1,642,789; Sept. 20.
 Flexible coupling. A. Sundh. 1,642,907; Sept. 20.
 Floor covering, Article of manufacture suitable for. H. H. Duke. 1,642,845; Sept. 20.
 Flotation device. A. Black. 1,643,049; Sept. 20.
 Fluid pressure brake. R. S. McIntosh. 1,643,165; Sept. 20.
 Fluorides, Manufacture of. F. Sander. 1,642,896; Sept. 20.
 Flush switch. W. J. Newton. 1,642,743; Sept. 20.
 Flush tank and deodorizer, Automatic. J. Burcham. 1,643,286; Sept. 20.
 Fly-paper appliance. F. A. Hahn. 1,643,118; Sept. 20.
 Flying boat and like aircraft. R. J. Mitchell. 1,642,686; Sept. 20.
 Folding chair. W. C. Rastetter. Re16,742; Sept. 20.
 Food mixer, Frame for. M. K. Akers. Des. 73,464; Sept. 20.
 Foods and the product obtained thereby, Method in preparing. C. Birdseye. Re16,740; Sept. 20.

Foot switch, Combination. M. M. Williams. 1,643,230; Sept. 20.
 Forming apparatus. W. H. Ray. 1,643,088; Sept. 20.
 Forming apparatus. H. L. Ward. 1,642,755; Sept. 20.
 Forming objects with integral cup and shank. C. J. Hattelke. 1,642,696; Sept. 20.
 Fountain: See—
 Chicken fountain. Poultry fountain.
 Frame: See—
 Slide frame. Window frame.
 Fruit sizer. J. B. Von Canon. 1,643,190; Sept. 20.
 Fuel saver. A. L. Strong. 1,642,831; Sept. 20.
 Fuel tank. C. C. Cambridge. 1,643,237; Sept. 20.
 Fumigation applicator. K. F. Cooper. 1,642,920; Sept. 20.
 Furs, skins, hairs, feathers, or the like, Dyeing. O. Kaltwasser and H. Kirchhoff. 1,643,246; Sept. 20.
 Game. E. C. Alfonso. 1,642,711; Sept. 20.
 Game board. F. Beldestein. Des. 73,477; Sept. 20.
 Garment-cutting device. G. R. Mather. 1,642,964; Sept. 20.
 Garment or dress pattern. G. M. Laub. 1,642,682; Sept. 20.
 Garment, Protective. C. H. Davis and H. W. Lueck. 1,642,670; Sept. 20.
 Garment protector. D. and E. J. Levkoff. 1,643,077; Sept. 20.
 Garter. W. R. Smith. 1,643,183; Sept. 20.
 Gas meter, Dry. S. Simpson. 1,642,899; Sept. 20.
 Gases, Process and apparatus for mixing. E. Falkenthal. 1,643,065; Sept. 20.
 Gate. J. S. Fitch and J. F. Tobin. 1,642,875; Sept. 20.
 Gate lock. R. D. Stewart. 1,642,976; Sept. 20.
 Gear, Infinitely-variable. H. L. Brooke. 1,642,720; Sept. 20.
 Glass, Apparatus for drawing. A. A. Debrocq. 1,643,152; Sept. 20.
 Glass, Apparatus for producing mold charges of molten. W. J. Miller. 1,642,966-8; Sept. 20.
 Glass, Composition for cleaning and polishing. G. A. McBride. 1,643,251; Sept. 20.
 Glass-cutting machine. T. H. Chadwick. 1,642,839; Sept. 20.
 Glass-drawing apparatus. A. E. Spinasse. 1,643,184; Sept. 20.
 Glass-forming machine. J. F. Rule. 1,642,828; Sept. 20.
 Glass, Method and apparatus for producing charges of molten. L. D. Soublier. 1,642,904; Sept. 20.
 Glass tubes, Machine for shaping ends of. R. H. Koenig. 1,643,215; Sept. 20.
 Glassware, Apparatus for and method of annealing. O. Shackelford. 1,642,790; Sept. 20.
 Glassware, Apparatus for the manufacture of. D. L. Middendorf. 1,642,741; Sept. 20.
 Glassware-shaping machine. J. Davis. 1,642,722; Sept. 20.
 Golf-club head, Adjustable. R. N. Longworth. 1,643,250; Sept. 20.
 Golf tee. J. Clark. 1,643,113; Sept. 20.
 Goods, merchandise, or the like, Displaying. F. J. Shelton. 1,643,224; Sept. 20.
 Grain shocker. C. R. Rancy. 1,643,173; Sept. 20.
 Grandstand. G. Hadden. Des. 73,499; Sept. 20.
 Grate, Furnace. W. L. Harrison and C. W. Harrison. 1,642,812; Sept. 20.
 Grinding wheel and method of grinding. G. Wirrer. 1,642,708; Sept. 20.
 Guide-rail lubricator. E. Weigle. 1,643,038; Sept. 20.
 Gun cartridges, Grease. R. L. Drake. 1,642,770; Sept. 20.
 Guns, Recoil pad for. A. H. Ammann. 1,642,835; Sept. 20.
 Hair-straightening device. M. L. Perry. 1,642,888; Sept. 20.
 Hair waver. I. Strabelle. 1,643,226; Sept. 20.
 Hair waver, Electrical. W. M. Nevottl. 1,643,168; Sept. 20.
 Hammer, Power. W. Kirchner. 1,642,859; Sept. 20.
 Hammers, Shock absorber for pneumatic. A. D. Williams, and F. J. Hickey. 1,642,759; Sept. 20.
 Hand drill. C. Bodmer, and H. J. Cook. 1,642,986; Sept. 20.
 Hanger: See—
 Shade and curtain hanger.
 Harvester, Corn. O. W. Powell. 1,642,892; Sept. 20.
 Harvester, Tractor. B. R. Benjamin and W. Webber. 1,643,149; Sept. 20.
 Hat-size reducer. L. Cohen. 1,643,004; Sept. 20.
 Hat, Straw. C. Steinberg. 1,643,138; Sept. 20.
 Hay-handling apparatus. M. H. Madsen. 1,643,078; Sept. 20.
 Headlight, Controlled. R. H. Cloughley. 1,642,919; Sept. 20.
 Headlight-glare-protecting device. R. C. Hainline. 1,642,993; Sept. 20.
 Headlight shutters, Operating device for automobile. G. N. Presa. 1,643,030; Sept. 20.
 Headlight, Vehicle. W. J. Pike and W. J. Gibson. 1,643,086; Sept. 20.
 Heat protector, especially for electric machines and apparatus, Automatic excess. W. Hickel and O. Pletscher. 1,642,953; Sept. 20.
 Heater. E. C. Molby. 1,643,026; Sept. 20.

Heating apparatus, Burner for. J. B. Anderson and J. B. Garner. 1,642,762; Sept. 20.
 Heel-attaching device. J. N. Fowler. 1,642,991; Sept. 20.
 Heel-beveling machine. M. F. Brogan. 1,642,719; Sept. 20.
 Heel, Rubber. L. J. Harrison. 1,642,951; Sept. 20.
 Heels, Machine for operating on. A. W. Matthews. 1,642,738; Sept. 20.
 Hod. V. Lalli. 1,643,163; Sept. 20.
 Homogenizer, Fuel-mixture. C. Jesdale. 1,643,072; Sept. 20.
 Hook: See—
 Swivel hook.
 Hose-clamp applicator. F. W. Gunn. 1,643,160; Sept. 20.
 Hose, Storm. F. Marino. 1,643,023; Sept. 20.
 Hydrocarbons, Method of and apparatus for treating. C. P. Tolman. 1,643,036; Sept. 20.
 Hydrocyanic acid, Apparatus for spraying liquid. K. A. Kilbourne. 1,642,779; Sept. 20.
 Inclinator for garbage and the like. W. C. Epstein. 1,643,206; Sept. 20.
 Index and system of indexing. E. A. Hemphill. 1,643,161; Sept. 20.
 Indicator. R. E. Curtis. 1,643,238; Sept. 20.
 Insulator, Machine for making cork. J. Nieske, jr. 1,642,690; Sept. 20.
 Insulating means, Motor shock. J. Rlise. 1,642,697; Sept. 20.
 Internal-combustion engine. E. T. Larkin. 1,642,735; Sept. 20.
 Iron oxide, Manufacturing. H. C. Stewart. 1,642,975; Sept. 20.
 Jewelry component. F. A. Fairbrother. Re16,741; Sept. 20.
 Joint: See—
 Pipe joint. Universal joint.
 Joint-forming machine. O. P. Nystrom and J. Knoll. 1,642,691; Sept. 20.
 Joints, Pipe-coupling means for making steam and other fluid tight. L. M. Glen. 1,642,728; Sept. 20.
 Jug, Glass. E. R. Worcester. Des. 73,519; Sept. 20.
 Key action and key mechanism. O. U. Desha. 1,643,203; Sept. 20.
 Key case. J. F. Skorepa. 1,642,791; Sept. 20.
 Key for combination locks. E. Frischmuth. 1,642,725; Sept. 20.
 Knitting machine. P. Lieberknecht. 1,643,249; Sept. 20.
 Knitting machines, Pattern-plaiting attachment for circular. E. R. Ammon. 1,642,761; Sept. 20.
 Lamp. O. B. Bach. Des. 73,466; Sept. 20.
 Lamp. O. B. Bach. Des. 73,469; Sept. 20.
 Lamp. O. B. Bach. Des. 73,472; Sept. 20.
 Lamp, Base for a. O. B. Bach. Des. 73,473; Sept. 20.
 Lamp bracket. H. R. Saxon. 1,643,131; Sept. 20.
 Lamp, Bridge. O. B. Bach. Des. 73,470; Sept. 20.
 Lamp, Luminous electrode discharge. C. F. Lorenz. 1,643,126; Sept. 20.
 Lamps, Bracket for electric. J. Grien. 73,498; Sept. 20.
 Lamps, portable drills and the like, Extension reel for electric. O. Miller. 1,642,936; Sept. 20.
 Last. J. C. Schelter. 1,643,180; Sept. 20.
 Lathe, Metal. H. W. Thompson. 1,642,909; Sept. 20.
 Lathes, Headstock for. W. E. Whipp. 1,642,863; Sept. 20.
 Laundry-checking device. J. H. Lynch. 1,642,963; Sept. 20.
 Lead chloride to lead carbonate, Conversion of. S. C. Smith. 1,643,261; Sept. 20.
 Letter box and house number sign, Combination. C. F. Beck. Des. 73,476; Sept. 20.
 Light: See—
 Vehicle light.
 Lighting fixture. H. H. Wolter. Des. 73,512; Sept. 20.
 Lighting-fixture strap or analogous article. M. Feinlich. Des. 73,508; Sept. 20.
 Lighting fixtures or similar articles, Strap for. J. A. Boehringer. Des. 73,480; Sept. 20.
 Line drive and clutch control. H. Els. 1,643,240; Sept. 20.
 Linking device. A. Mirra. 1,642,969; Sept. 20.
 Liquid-fuel burner. J. L. Donahoe. 1,643,062; Sept. 20.
 Liquid levels, Indicator for low. F. G. Folberth and W. M. Folberth. 1,642,848; Sept. 20.
 Liquid under pressure, Clutch actuated by. A. Huwiler. 1,642,957; Sept. 20.
 Loading machine. W. A. Hula. 1,642,679; Sept. 20.
 Lock: See—
 Gate lock. Showcase lock.
 Permutation lock. Switch lock.
 Locking means for locking cutting tools into tool holders, Adjustable. A. L. Geltner. 1,642,852; Sept. 20.
 Locomotive provided with mechanical power transmission, Turbine-driven. F. Ljungström and I. Broberg. 1,642,987; Sept. 20.
 Loom, Bullion fringe. F. G. Hulme. 1,643,211; Sept. 20.
 Looms, Lay-actuating mechanism for. H. A. Davis. 1,642,769; Sept. 20.
 Loud speaker. C. W. Peterson. 1,643,029; Sept. 20.
 Lubrication apparatus, Forced. C. H. Clausen. 1,642,873; Sept. 20.
 Lubricator: See—
 Guide-rail lubricator.
 Magneto. C. H. Tower. 1,642,704; Sept. 20.
 Magneto-electric automatic interrupter. M. Greiner. 1,643,270; Sept. 20.

Mall box. C. N. Choate. 1,642,806; Sept. 20.
Mandrel welding. W. H. Pearce. 1,642,825; Sept. 20.
Manure distributor. P. R. Tucker. 1,642,798; Sept. 20.
Marked article and process of marking articles. J. D. Grange. 1,642,774; Sept. 20.
Marking device. R. E. Becht. 1,642,983; Sept. 20.
Massage machine. J. L. Wentz. 1,643,039-40; Sept. 20.
Mattress-wrapping machine. U. I. Rosenthal and J. J. Crowley. 1,643,091; Sept. 20.
Measure, home-baker's. O. E. Beebe. 1,642,985; Sept. 20.
Measuring device. J. Stork. 1,642,977; Sept. 20.
Measuring instrument. S. Putra. 1,643,087; Sept. 20.
Measuring machine, Torque. C. F. Cowdrey. 1,643,151; Sept. 20.
Mercury rectifier. J. Alexander. 1,643,146; Sept. 20.
Mercury-tube switch. I. E. McCabe. 1,642,932; Sept. 20.
Mercury-vapor-arc rectifier. C. Kramer. 1,643,216; Sept. 20.
Metal Apparatus for the production of pure. S. L. Madorsky. 1,642,683; Sept. 20.
Meter: See—
Gas meter.
Methyl formate, Preparation of. M. Mugdan and J. Wimmer. 1,642,689; Sept. 20.
Mine explosions, Preventing. W. E. Trent. 1,642,912; Sept. 20.
Minerals, Decomposing insoluble. G. Berge. 1,642,667; Sept. 20.
Mining apparatus. E. C. Morgan. 1,642,885; Sept. 20.
Mining apparatus for. F. B. Miller. 1,643,000; Sept. 20.
Mining machine. R. B. Metzner. 1,643,220; Sept. 20.
Mixtures, Thickening. A. L. Genter. 1,642,673; Sept. 20.
Molasses for manufacturing compressed yeast, Cleaning. R. Kusserow. 1,642,929; Sept. 20.
Mold. C. L. Fischer. 1,642,947; Sept. 20.
Mold and ingot. Ingots. E. Gathmann. 1,643,241; Sept. 20.
Molds, Making foot. P. Mathewson. 1,642,930; Sept. 20.
Monkey wrench. J. M. Beszczak. 1,643,002; Sept. 20.
Monument, Grave. P. L. De Young. 1,643,154; Sept. 20.
Mortising machine. H. De Wallace. 1,642,723; Sept. 20.
Motor: See—
Sewing-machine motor.
Motor-cycle support. B. B. Driscoll. 1,643,006; Sept. 20.
Motors, Controller for electric. N. L. Mortensen. 1,643,127; Sept. 20.
Motors, Short-circuiting device for electric. F. J. Bullivant. 1,643,111; Sept. 20.
Mowing-machine clip. A. D. Goodwin. 1,642,808; Sept. 20.
Musical instrument. B. A. Askelson. 1,643,044; Sept. 20.
Nail buffer. H. MacDougall. 1,643,164; Sept. 20.
Nozzle, Vacuum cleaner. M. Blatt. Des. 73,479; Sept. 20.
Nuts, Making castle. J. F. Golding. 1,642,854; Sept. 20.
Oil burner. E. A. and E. A. Field, jr. 1,643,115; Sept. 20.
Oil-burner construction. H. A. Mojé and I. E. McCabe. 1,642,937; Sept. 20.
Oil wells, Tubing elevator for. W. G. Bisbee and B. P. Hoffman. 1,643,283; Sept. 20.
Oiler, Air line. C. C. Hansen. 1,643,069; Sept. 20.
Oils, Refining mineral. T. Helthaler. 1,643,272; Sept. 20.
Ophthalmic mounting. W. E. McDonell. 1,643,218; Sept. 20.
Ophthalmic mounting. W. E. McDonell and T. Leytham. 1,643,219; Sept. 20.
Ornamental article of manufacture and producing the same. F. H. Auld. 1,643,045; Sept. 20.
Overcoat, Child's. S. Greenberg. 1,643,159; Sept. 20.
Packaging machine. H. Mullendore. 1,642,887; Sept. 20.
Packer. W. W. Hartman. 1,643,119; Sept. 20.
Paper, Apparatus for applying a lubricant to. C. Gustavson. 1,643,117; Sept. 20.
Paper binding-tool. H. B. Barnbrook. 1,643,193; Sept. 20.
Paper, Crinkling. E. H. Angler. 1,643,147; Sept. 20.
Paper, Machine for making corrugated. S. M. Langston. 1,642,782; Sept. 20.
Pattern: See—
Garment or dress pattern
Pavement, Sectional-rubber. A. F. Masury and A. H. Lepert. 1,643,024; Sept. 20.
Percolator, Coffee. G. Zebat. 1,642,865; Sept. 20.
Perforator. E. A. Ritchey. 1,642,970; Sept. 20.
Permutation lock. S. D. House. 1,643,244; Sept. 20.
Pharmaceutical product containing arsenic and making same. W. Schoeller and M. Gehrke. 1,642,830; Sept. 20.
Phonograph. B. Stump. 1,643,228; Sept. 20.
Phonographs, Synchronizing attachment for. F. H. Strow. 1,642,702; Sept. 20.
Photographic enlargements, Process of and apparatus for eliminating granular effects. F. E. Garbutt and R. G. Fear. 1,642,772; Sept. 20.
Photographic films, Developing apparatus for. A. M. Josepho. 1,642,927; Sept. 20.
Piano. A. G. Sulak. 1,643,139; Sept. 20.
Pianos, Automatic light indicator for. I. B. Grimaldi. 1,642,810; Sept. 20.
Picture-projecting apparatus. I. Serrurier. 1,643,134; Sept. 20.
Pilot-channel-indicating system. H. A. Affel. 1,642,710; Sept. 20.
Pipe: See—
Tobacco pipe.
Pipe-gripping and supporting device. W. F. Traves. 1,642,832; Sept. 20.
Pipe joint. G. Weiss and F. Gentzke. 1,642,981; Sept. 20.
Pipes and the like, Construction of. O. G. Luyties. 1,643,021; Sept. 20.
Plaster board. S. C. Clark. 1,642,840; Sept. 20.
Playground slide. J. Bezark. Des. 73,478; Sept. 20.
Plow. J. F. Sheahan. 1,643,182; Sept. 20.
Pocket, Reinforced. H. Kirschenbaum. 1,643,162; Sept. 20.
Portable theft-proof box. N. Urovsky. 1,643,189; Sept. 20.
Post: See—
Binding post. Fence post.
Poultry fountain. W. Jevons. 1,643,245; Sept. 20.
Powder applicator, Medical. E. C. Haas. 1,642,950; Sept. 20.
Power mechanism. C. W. Crumrine. 1,643,057; Sept. 20.
Power mechanism. A. F. Williams. 1,643,041; Sept. 20.
Power system, Electric. J. J. Kane. 1,643,213; Sept. 20.
Press: See—
Printing press. Punch press.
Presses, Safety device for. E. Secor. 1,643,259; Sept. 20.
Price marker. J. H. Alden. 1,643,267; Sept. 20.
Printing form and producing same. E. S. Ballard. 1,643,046; Sept. 20.
Printing, Plate cylinder for rotary intaglio. C. Winkler. 1,643,145; Sept. 20.
Printing press, Platen. C. H. Cochrane. 1,642,841; Sept. 20.
Printing presses, Ink fountain for. W. H. Granger. 1,642,809; Sept. 20.
Projectiles, Time fuse for. O. Boden. 1,642,837; Sept. 20.
Propeller. J. A. Blondin. 1,642,803; Sept. 20.
Pulley, Variable-speed. F. C. Largen. 1,643,124; Sept. 20.
Pumps, Computing gauge or scale for gasoline station. E. A. May. 1,642,931; Sept. 20.
Punch press. E. Gauthier. 1,642,773; Sept. 20.
Rack: See—
Shoe rack.
Radiator protector. H. F. Hudson. 1,642,925; Sept. 20.
Radio and phonograph cabinet or similar article, Combined. J. M. Beach and G. Fletcher. Des. 73,474; Sept. 20.
Radlocabinet. E. L. Hedemark. Des. 73,501; Sept. 20.
Radlocabinet or article of similar nature. B. D. Cohen. Des. 73,495; Sept. 20.
Radlodial. V. Longhead. Des. 73,504; Sept. 20.
Radio receiving circuits. E. W. House. 1,643,015; Sept. 20.
Radio signaling apparatus. M. Latour. 1,643,075; Sept. 20.
Railway-rail brace. C. L. Ruse. 1,643,177; Sept. 20.
Ranges, Detachable plate for concealed manifolds of gas. J. Roy. 1,643,176; Sept. 20.
Receiver. G. W. Elmen. 1,642,778; Sept. 20.
Receiver. W. C. Jones. 1,642,777; Sept. 20.
Receptacle, Sugar-dispensing. S. Horvath. 1,642,678; Sept. 20.
Receptacles, Manufacturing. R. J. Dieber. 1,642,717; Sept. 20.
Record-phones, Reel-stopping device for. J. Kaplan. 1,642,681; Sept. 20.
Refractory body. G. D. Morris. 1,642,886; Sept. 20.
Refrigerating apparatus. L. B. Green. 1,642,922; Sept. 20.
Refrigerating machinery, Compressor for. D. F. Smith. 1,642,900; Sept. 20.
Refrigerating purposes, Substance and using the same for. W. H. Carrier. 1,642,943; Sept. 20.
Refrigerating system. A. F. Sawyer. 1,643,179; Sept. 20.
Refrigeration purposes, Substance and using the same for. W. H. Carrier. 1,642,942; Sept. 20.
Rein support. T. Watkins. 1,642,800; Sept. 20.
Resistance control apparatus. H. J. Wiegand. 1,643,105; Sept. 20.
Rivet-setting implement. C. A. Chishelm. 1,643,112; Sept. 20.
Road-paving block. H. H. Duke. 1,642,846; Sept. 20.
Rod: See—
Fishing rod.
Room, Open-air sleeping. E. T. Helinson. 1,643,070; Sept. 20.
Roost, Poultry. G. A. Miller. 1,643,079; Sept. 20.
Rosin and producing the same, Purified. W. B. Logan. 1,643,276; Sept. 20.
Rotary cutter. E. A. Hoener. 1,643,120; Sept. 20.
Rotary steam engine. H. C. Johnson. 1,642,996; Sept. 20.
Roundabout, Centrifugal. A. A. Stewart and J. H. Stewart. 1,643,097; Sept. 20.
Rubber and accelerators therefor, Production of vulcanized. H. W. Elley and D. H. Powers. 1,643,205; Sept. 20.
Rubber composition, Article made from. C. W. Avery and D. O. Moody. 1,642,666; Sept. 20.
Rubber sole, Composite. B. F. Hartwell. 1,642,878; Sept. 20.
Saddle belt, Workman's. C. G. Thurnau. 1,642,911; Sept. 20.
Safety guard, Come-along. C. C. Coon. 1,642,874; Sept. 20.

Sand-blast apparatus. E. R. Rich, jr. 1,643,175; Sept. 20.
Saw dresser, Hand. A. S. Avery. 1,643,148; Sept. 20.
Saw guide. J. W. Causey. 1,642,838; Sept. 20.
Saw protector. C. T. Perry. 1,643,085; Sept. 20.
Saw slide file, Hand and hand. S. A. Sheller. 1,643,135; Sept. 20.
Scaler, Fish. J. J. Barry. 1,642,802; Sept. 20.
Scoop, Ice-cream. H. P. Gardner. 1,642,726; Sept. 20.
Scraper with automatic elevating control, Rotary. J. S. Reynolds. 1,642,826; Sept. 20.
Screws, Forming set. C. E. Lyman. 1,642,736; Sept. 30.
Seat: See—
Automobile seat. Window seat.
Separators, Brake for cream. J. Martin. 1,642,997; Sept. 20.
Sewing-machine motor. A. F. Welch. 1,643,191; Sept. 20.
Shade and curtain hanger. W. J. Denney. 1,643,061; Sept. 20.
Shade and curtain holder. G. Lavole. 1,643,020; Sept. 20.
Shaving compact. W. L. Orme. 1,643,171; Sept. 20.
Sheet metal sink construction. J. E. Gloekler. 1,642,853; Sept. 20.
Sheeting machines, Attachment for. J. P. Renz. 1,642,746; Sept. 20.
Ships, Apparatus for raising sunken. W. La Grange. 1,643,247; Sept. 20.
Ship's rigging. A. Bentzen. 1,642,716; Sept. 20.
Shock absorber. C. C. Blackmore. 1,643,050; Sept. 20.
Shock absorber. C. A. Stickney. 1,642,902; Sept. 20.
Shock-absorbing mechanism. W. Blackmore. 1,643,051; Sept. 20.
Shock-absorbing mechanism. H. B. Madder. 1,643,053; Sept. 20.
Shock-absorbing mechanism. E. H. Schmidt. 1,643,052; Sept. 20.
Shoe. F. H. Martin. 1,642,737; Sept. 20.
Shoe, Athletic. J. T. Riddell. 1,642,827; Sept. 20.
Shoe heel. A. Perugia. 1,642,889; Sept. 20.
Shoe last. C. H. Brown. 1,642,764; Sept. 20.
Shoe rack. C. S. Angers. 1,642,712; Sept. 20.
Shoe uppers, Closure for. M. E. Bendelari. 1,643,108; Sept. 20.
Shoes, Resilient material for soles and heels. C. Emanuel. 1,642,847; Sept. 20.
Shop fronts, doors, windows, and the like, Blind for. E. Lavagnino. 1,643,074; Sept. 20.
Show-case lock. H. G. Michaelson. 1,642,685; Sept. 20.
Shutter, Radiator. H. M. Yeager. 1,643,192; Sept. 20.
Side frame. P. J. McCullough. 1,642,965; Sept. 20.
Signal: See—
Direction signal
Signal. J. S. McLean. 1,642,934; Sept. 20.
Siphons, Expansion and contraction anchorage for thermic. J. L. Nicholson. 1,643,128; Sept. 20.
Skiving apparatus. W. H. Ray and M. L. Strawn. 1,643,089; Sept. 20.
Skylight. B. Goldman. 1,642,675; Sept. 20.
Slicers, Stone catcher for beet. H. R. Tuttle. 1,642,705; Sept. 20.
Snow-removing machine. C. B. Robinson and R. S. Carty. 1,642,895; Sept. 20.
Snubber. F. A. Huff. 1,643,016; Sept. 20.
Socket, Vacuum tube. R. H. Manson. 1,642,684; Sept. 20.
Soldering flux. C. J. Meler. 1,642,884; Sept. 20.
Sound amplifier. C. Bieberger. 1,643,284; Sept. 20.
Sound-reproducing apparatus. C. K. Sugden. 1,642,905; Sept. 20.
Sound-reproducing device. M. De Cosare. 1,642,767; Sept. 20.
Spectacle temple and making the same. J. W. Welsh. 1,642,833; Sept. 20.
Splindles, Driving. J. Kirner. 1,642,815; Sept. 20.
Spinning machines, Bobbin for. P. Sharp. 1,642,972; Sept. 20.
Spool and pin cushion holder, Combination. F. Laffin. 1,642,860; Sept. 20.
Spoon. T. L. Bear. Des. 73,475; Sept. 20.
Spring. E. A. Laughlin. 1,643,073; Sept. 20.
Sprinkler with resistance motor. W. V. E. Thompson. 1,642,910; Sept. 20.
Sprinklers, Automatic shut-off device for lawn. J. M. Noble. 1,642,821; Sept. 20.
Sprocket. M. P. Holmes. 1,642,856; Sept. 20.
Square and protractor, Folding steel. G. S. Schvetz. 1,643,033; Sept. 20.
Steam, air and signal line connection. C. E. Sullivan and L. Zaboltzky. 1,643,229; Sept. 20.
Steam boiler. C. W. Obert. 1,642,692; Sept. 20.
Steel tubing, Hook for forming. J. Fentress. 1,643,008; Sept. 20.
Steering knuckle. R. Sirl. 1,643,034; Sept. 20.
Stencil duplicating device. E. E. Morlan. 1,643,028; Sept. 20.
Stencil sheet. W. H. Kurth. 1,643,019; Sept. 20.
Stone crushers and the like, Jaw or breaker plate for. P. Bechgaard. 1,643,048; Sept. 20.
Storage building. F. E. d'Humy. Rel. 738; Sept. 20.
Storage conveyor. C. E. Fuller. 1,642,992; Sept. 20.
Strap: See—
Fixture-attaching strap.
Subliming apparatus. E. H. Wedekind. 1,642,756; Sept. 20.
Suitcase, attaché case, and the like. F. C. Gadsby. 1,642,851; Sept. 20.
Supporting wheel, Airplane-tail. C. J. Smith and H. A. Hicks. 1,642,699; Sept. 20.
Surface covering and ornamenting the same. C. F. Humphreys and J. C. McCarthy. 1,642,954-5; Sept. 20.
Swing bob. W. Mitchell. 1,642,740; Sept. 20.
Switch: See—
Atmospherically-controlled. Flush switch.
Electric switch. Foot switch.
Electric and air switch. Mercury tube switch.
Thermostatic switch.
Switchboard. A. C. Lyen and C. W. Morgan. 1,642,853; Sept. 20.
Switch lock. N. E. Murphy. 1,642,820; Sept. 20.
Swivel hook. G. F. Joyner. 1,642,958; Sept. 20.
Syringe. E. J. Pezlay. 1,643,289; Sept. 20.
Table: See—
Concentrating table.
Table and food cabinet, Combination. J. L. Morris. 1,642,687; Sept. 20.
Tag. H. E. Kondolf. 1,642,781; Sept. 20.
Tank: See—
Fuel tank.
Tank. W. M. Ward. 1,642,799; Sept. 20.
Tank and dry kiln, Combination treating. G. E. Rice and C. L. Simmons. 1,643,174; Sept. 20.
Telegraph receiver, Carrier. V. P. Thorp. 1,642,703; Sept. 20.
Telephone receiver. W. C. Jones. 1,642,776; Sept. 20.
Telephone receiver. A. Nyman. 1,643,169; Sept. 20.
Telephone receiver. D. R. Wallace. 1,643,104; Sept. 20.
Telephone receivers and the like, Connector for. L. Foote. 1,643,269; Sept. 20.
Telephone repeater system. A. F. Rose. 1,642,749; Sept. 20.
Thermostat switch. O. G. Myers. 1,642,742; Sept. 20.
Thread holder, Embroidery. J. Nigro. 1,642,744; Sept. 20.
Threading tap, Collapsible. C. P. Wetmore. 1,643,264; Sept. 20.
Tire. H. Mann. Des. 73,506-7; Sept. 20.
Tire casing and tube protector. R. D. Sarver. 1,642,897; Sept. 20.
Tire-chain applier. E. E. Cronenweth. 1,642,921; Sept. 20.
Tire-chain fastener. C. Strand. 1,642,701; Sept. 20.
Tire chains, Instrument for applying. H. B. Holt. 1,642,732; Sept. 20.
Tire, Double-tread pneumatic. J. E. Bove. 1,643,195; Sept. 20.
Tire-pressure gauge. G. S. Loy. Des. 73,505; Sept. 20.
Tires, Antiskid device for automobile. F. J. Donat. 1,642,807; Sept. 20.
Tires, Apparatus for use in the manufacture of pneumatic. H. A. Deumire. 1,643,202; Sept. 20.
Tobacco pipe. G. H. Wilson. 1,643,231; Sept. 20.
Tool, Bottle-capping. H. J. and R. W. Leberz. 1,643,076; Sept. 20.
Tool for placing clearance wrappers on boiler tubes. J. A. MacDowell. 1,643,022; Sept. 20.
Tool-head fastening. J. P. and H. P. Hebert. 1,642,814; Sept. 20.
Tool, Mining. R. B. Metzner. 1,643,221; Sept. 20.
Tool, Rim contracting and expanding. J. A. Kennedy. 1,643,122; Sept. 20.
Tool-steel-retaining device. G. H. Gilman. 1,642,948; Sept. 20.
Tool, Tapping. C. P. Wetmore. 1,643,263; Sept. 20.
Toothbrush. S. A. Lazarus. 1,643,217; Sept. 20.
Tooth-paste dispenser. R. B. Tracy. 1,642,797; Sept. 20.
Toothed element, Nonmetallic. R. Sprenger. 1,643,185; Sept. 20.
Torchère. O. B. Bach. Des. 73,467; Sept. 20.
Towel holder. A. L. Overholt. 1,643,084; Sept. 20.
Toy block. J. Srofe. 1,642,901; Sept. 20.
Toy, Figure. J. A. Frampton. 1,643,066; Sept. 20.
Toy, Mechanically-operated figure. E. Agnelli. 1,643,001; Sept. 20.
Toy, Windmill. M. De Cosare. 1,643,058; Sept. 20.
Toys, Voice for. T. Hutnikow. 1,642,956; Sept. 20.
Tractor. L. D. Stripling. 1,643,098; Sept. 20.
Traffic protective structure. W. T. Kyle. 1,643,123; Sept. 20.
Trailer. A. Ordway. 1,642,823; Sept. 20.
Train-line connector, Automatic. J. Robinson. 1,642,748; Sept. 20.
Tramway, Aerial. G. M. Kilcarr. 1,643,214; Sept. 20.
Transmission. A. S. Butell. 1,643,055; Sept. 20.
Transmission mechanism. R. Meyer. 1,642,763; Sept. 20.
Transmission wires, Spreader arm for. A. De Vries. Des. 73,496; Sept. 20.
Transmitter, Twin-light-cell. C. F. Jenkins. 1,642,733; Sept. 20.
Traveling structures, Safety device for. R. E. Brown. 1,642,988; Sept. 20.
Treating products of fiber and making same, Composition for. C. R. Felix. 1,643,116; Sept. 20.
Tree remover. A. W. Wadley. 1,643,141; Sept. 20.
Trees and the like, Apparatus for felling. C. J. Brey. 1,642,668; Sept. 20.
Trimmer for strip material. F. D. Mason. 1,642,998; Sept. 20.
Trolley wheel. F. M. Clark. 1,642,765; Sept. 20.

- Trolley wires, Suspension of. M. J. Griffith. 1,643,209; Sept. 20.
 Trousers while on wearer. Apparatus for pressing. T. B. Lambert and J. McCombs. 1,642,816; Sept. 20.
 Truck bolster with absorption mechanism. T. H. Symington and P. R. Drenning. 1,642,751; Sept. 20.
 Truck, Booster-motor. H. M. Pfager. 1,642,890; Sept. 20.
 Truck, Car. H. M. Pfager. 1,642,891; Sept. 20.
 Truck, Car. C. T. Westlake. 1,642,862; Sept. 20.
 Truck, Folding. W. W. Burnwatt. 1,643,268; Sept. 20.
 Tube: See—
 Drain tube.
 Tubes, Manufacture of butt and lap welded. D. W. Chisholm. 1,642,782; Sept. 20.
 Tumbler or similar article of glassware. E. C. Schrader. Des. 73,511; Sept. 20.
 Tunnel construction. P. Zucco. 1,642,709; Sept. 20.
 Turbines and the like, Gate apparatus for. R. Thomann. 1,643,099; Sept. 20.
 Typewriting machine. G. Aichele. 1,643,266; Sept. 20.
 Typewriting machine. C. B. Corcoran. 1,643,005; Sept. 20.
 Typewriting machine. W. A. Dohson. 1,643,114; Sept. 20.
 Typewriting machine. E. G. Rowley. 1,643,130; Sept. 20.
 Undulation, Apparatus for permanent. G. E. Björkman. 1,642,867; Sept. 20.
 Universal coupling. G. H. Hufferd. 1,643,017; Sept. 20.
 Universal joint. R. L. Henry. 1,642,775; Sept. 20.
 Unloading mechanism, Compressor. W. H. Wineman. 1,642,760; Sept. 20.
 Valve. W. M. Fleming. 1,642,724; Sept. 20.
 Valve, Automatic pressure-controlled. C. H. Nickell. 1,643,082; Sept. 20.
 Valve, Gate. J. J. Duffy. 1,643,063; Sept. 20.
 Valve mechanism, Thermostatically-controlled. H. W. O'Dowd. 1,643,255; Sept. 20.
 Vanity box. A. S. Lyhne. 1,642,962; Sept. 20.
 Vanity case. L. L. Kole and E. Loeffler. 1,642,780; Sept. 20.
 Vanity case and the like. F. M. Wojciechowski. 1,643,278; Sept. 20.
 Vaporizer, Fuel. A. T. Taecker. 1,642,795; Sept. 20.
 Vehicle. T. J. Fay. 1,642,946; Sept. 20.
 Vehicle bumper. C. A. Schmidt. Des. 73,510; Sept. 20.
 Vehicle light. G. O. Bollman and O. J. Zimmermann. 1,642,917; Sept. 20.
 Vehicle power wheels, Traction attachment for. J. A. Barrett. 1,642,713; Sept. 20.
 Vehicles, Braking mechanism for motor. T. J. Schuetz. 1,642,898; Sept. 20.
 Vehicles, Resilient axle mount for motor. H. Ledwinka. 1,642,817; Sept. 20.
 Vending machine, Coin-controlled. U. G. Grandbols. 1,643,068; Sept. 20.
 Veneer drier. J. E. Kocha. 1,642,928; Sept. 20.
 Veneers, Machine for edge-uniting. J. E. Black. 1,643,194; Sept. 20.
 Vessel emptying or filling appliance. C. W. Meggenhofen. 1,643,025; Sept. 20.
 Voice-reproducing device. M. DeCesare. 1,642,708; Sept. 20.
 Vulcanizer. R. W. Brown. 1,643,196; Sept. 20.
 Wagon body, Coaster. O. L. Lewis. 1,642,961; Sept. 20.
 Wall construction, Hollow fire. M. Liptak. 1,643,280; Sept. 20.
 Washing machine. O. E. Stokes. 1,642,700; Sept. 20.
 Washing machine, Bottle. W. H. Paulson. 1,642,824; Sept. 20.
 Washing machines, Agitator for. J. Roche. Rel. 6,743; Sept. 20.
 Washlubs, table tops, and the like, Stand for supporting. H. A. Hansen. 1,643,271; Sept. 20.
 Water-elevating apparatus. T. E. Crockett. 1,642,990; Sept. 20.
 Water-heating system. H. W. O'Dowd. 1,643,223; Sept. 20.
 Waterproof abrasive fabric and making the same. F. J. Crupl. 1,642,760; Sept. 20.
 Water-supply connection. W. J. Feunell. 1,642,672; Sept. 20.
 Weld rod and arc welding with the same. J. C. Miller. 1,643,254; Sept. 20.
 Welding, Metallic arc. R. Stresan. 1,643,227; Sept. 20.
 Welding, Weld rod for arc. C. B. Langstroth and G. G. Wunder. 1,643,274; Sept. 20.
 Wheel: See—
 Disk wheel. Trolley wheel.
 Supporting wheel.
 Wheel. F. L. Lawrence. 1,643,248; Sept. 20.
 Wheel and demountable rim. J. G. Swain. 1,643,188; Sept. 20.
 Wheel hubs, Flask for casting metallic. F. A. Thomann. 1,643,140; Sept. 20.
 Wind instruments, Control valve for sheet metal. C. Lehmann. 1,642,783; Sept. 20.
 Winding machine. J. A. Cameron and G. B. Birch. 1,642,669; Sept. 20.
 Winding yarns or threads, Machine for. H. Holt. 1,642,924; Sept. 20.
 Window. J. Williams. 1,643,042; Sept. 20.
 Window frame. G. L. Whipples. 1,643,142; Sept. 20.
 Window seat. E. Sonntag. 1,642,792; Sept. 20.
 Windshield cleaner. B. T. Barber. 1,643,235; Sept. 20.
 Windshield wiper. F. G. Goodman. 1,643,067; Sept. 20.
 Windshield wiper, Electrically-heated. R. P. Mitchell. 1,642,786; Sept. 20.
 Wire or rods, Machine for pickling coils of. H. A. Staples and H. K. Beach. 1,643,186; Sept. 20.
 Wire rope and producing the same, Attachment for. A. J. Briggs. 1,643,110; Sept. 20.
 Wire strand and producing the same, Attachment for. E. A. Conner. 1,643,150; Sept. 20.
 Wire-stretching device. L. E. Clémence. 1,643,199; Sept. 20.
 Wire ties, Machine for tying. H. B. Foulder. 1,642,850; Sept. 20.
 Wire ties, Tool for twisting. H. B. Foulder. 1,642,849; Sept. 20.
 Wrench: See—
 Monkey wrench.
 Wrenches, Extension handle for. M. Morgan. 1,643,027; Sept. 20.
 X-ray work, Method and apparatus for. M. B. Adrian. 1,642,915; Sept. 20.
 Yeast, Drying. A. K. Balls. 1,643,047; Sept. 20.
 Zeolites, Manufacture of precipitated. H. Kriegshelm and W. Vaughan. 1,642,880; Sept. 20.

CLASSIFICATION OF PATENTS

ISSUED SEPTEMBER 20, 1927.

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5: 1,643,233	36— 2: 1,643,023	19: 1,642,842	1,642,891	303: 1,642,829	189— 36: 1,642,945
1,643,246	5: 1,643,125	42: 1,643,103	197: 1,642,751	35: 1,643,085	35: 1,642,981
10: 1,642,736	10: 1,642,715	102: 1,643,280	205: 1,642,793	67: 1,642,986	56: 1,643,074
86: 1,642,854	32: 1,642,878	134: 1,643,163	220: 1,642,965	90: 1,642,705	62: 1,643,192
142: 1,643,263	36: 1,642,951	73— 1: 1,642,899	242: 1,643,214	148— 23: 1,642,884	190— 22: 1,642,851
1,643,264	1,642,991	51: 1,643,198	251: 1,643,013	152— 10: 1,643,195	61: 1,643,106
20: 1,642,690	40: 1,642,889	62: 1,642,931	270: 1,642,750	14: 1,642,732	1,643,189
46: 1,642,719	44: 1,642,877	1,642,985	274: 1,642,813	1,642,807	191— 41: 1,643,209
47: 1,642,738	50: 1,642,737	74— 14: 1,642,900	308: 1,643,081	1,642,921	61: 1,642,765
133: 1,642,764	59: 1,642,810	26: 1,642,815	410: 1,643,204	1,643,167	192— 85: 1,642,957
136: 1,643,180	59: 1,642,827	28: 1,643,185	106— 25: 1,643,136	20: 1,642,897	105: 1,642,721
27: 1,643,217	52: 1,642,895	34: 1,642,720	1,643,137	50: 1,643,248	135: 1,643,197
169: 1,643,092	1,643,121	1,643,124	107— 1: 1,643,260	12: 1,642,903	148: 1,642,700
191: 1,642,974	102: 1,643,094	56: 1,642,863	7: 1,643,143	13: 1,642,691	194— 63: 1,643,068
236: 1,642,857	140: 1,642,826	58: 1,642,763	1,643,144	10: 1,643,202	195— 20: 1,642,929
253: 1,642,786	6: 1,642,875	1,642,987	9: 1,642,693	30: 1,642,782	196— 44: 1,643,272
255: 1,643,235	74: 1,642,976	59: 1,643,055	48: 1,642,726	40: 1,642,847	97: 1,643,036
54: 1,642,941	19: 1,642,963	105: 1,643,259	16: 1,642,675	45: 9: 1,642,840	197— 2: 1,643,267
5: 1,642,802	21: 1,642,781	109: 1,643,119	108— 16: 1,642,675	49: 1,642,845	17: 1,643,041
17: 1,643,196	138: 1,642,671	75— 1: 1,643,054	109: 1,643,119	10: 1,643,236	1,643,057
35: 1,642,755	1,642,906	76— 47: 1,643,148	112— 220: 1,643,191	58: 1,642,740	27: 1,643,207
1,642,947	17: 1,642,954	78— 13: 1,642,859	113— 35: 1,643,008	142: 1,642,742	147: 1,643,005
53: 1,643,205	26: 1,642,774	50: 1,642,759	103: 1,642,825	147: 1,643,107	1,643,130
54: 1,643,080	34: 1,643,278	81— 3: 1,643,022	51: 1,643,247	24: 1,643,020	160: 1,643,266
56: 1,642,717	35: 1,643,045	9: 3: 1,643,160	102: 1,642,716	24: 1,643,061	186: 1,643,114
1,642,930	38: 6: 1,643,019	134: 1,643,002	11: 1,642,752	44: 1,643,281	34: 1,642,992
57: 1,643,059	74: 1,642,835	180: 1,643,002	17: 1,642,672	1,643,282	122: 1,642,679
59: 1,642,666	43— 18: 1,643,003	195: 1,642,970	41: 1,642,965	1,642,965	131: 1,642,824
1,642,989	114: 1,643,118	83— 53: 1,642,948	43: 1,642,943	158— 28: 1,642,762	15: 1,642,743
55: 1,642,982	45— 7: 1,643,101	84— 115: 1,642,810	109: 1,642,848	91: 1,642,762	200— 16: 1,642,876
107: 1,642,758	32: 1,643,084	212: 1,643,139	55: 1,642,972	1,643,062	50: 1,642,870
1: 1,643,018	1,643,095	296: 1,643,044	25: 1,643,079	1,643,115	59: 1,643,230
42: 1,643,042	1,643,096	328: 1,642,811	32: 1,642,787	1,643,062	65: 1,643,210
51: 1,643,142	116: 1,642,687	375: 1,642,923	44: 1,643,102	80: 1,643,025	80: 1,643,270
52: 1,643,070	14: 1,643,058	394: 1,642,783	53: 1,642,944	164— 23: 1,642,773	84: 1,643,238
65: 1,643,132	35: 1,642,901	87— 5: 1,643,251	73: 1,643,245	61: 1,642,988	112: 1,642,932
1,643,253	40: 1,643,001	88— 24: 1,642,772	7: 1,642,949	1,643,157	137: 1,642,718
1,643,265	1,643,066	1,643,134	32: 1,642,948	68: 1,643,130	139: 1,642,742
138: 1,643,140	46: 1,642,767	52: 1,642,833	71: 1,642,966	166— 14: 1,642,745	142: 1,642,953
139: 1,643,241	1,642,768	53: 1,643,218	157: 1,643,158	2: 1,642,912	201— 55: 1,643,105
29: 1,642,667	1,642,956	1,643,219	1: 1,642,794	170— 159: 1,642,803	203— 4: 1,643,276
79: 1,642,694	48— 180: 1,642,795	166: 1,642,918	2: 1,643,206	171— 206: 1,643,178	206— 56: 1,642,770
88: 1,642,788	1,643,065	89— 36: 1,642,855	68: 1,643,128	209: 1,642,704	208— 79: 1,643,006
1,642,896	1,643,072	91— 29: 1,643,117	76: 1,642,692	182: 1,643,127	209— 103: 1,643,190
113: 1,642,880	49— 5: 1,642,828	92— 69: 1,643,147	212: 1,643,026	279: 1,643,111	441: 1,642,843
146: 1,643,261	7: 1,643,215	93— 2: 1,642,665	80: 1,642,734	259: 1,642,698	498: 1,643,060
200: 1,642,975	17: 1,643,152	1,643,091	173: 1,642,735	263: 1,643,269	210— 2: 1,643,273
253: 1,643,243	35: 1,642,722	36: 1,642,913	174: 1,642,925	328: 1,642,654	43: 1,642,799
254: 1,643,155	37: 1,642,741	90: 9: 1,642,746	191: 1,643,288	354: 1,643,146	182: 1,642,673
264: 1,642,756	45: 1,642,790	15: 1,642,846	8: R. 16, 739	1,643,216	211— 20: 1,643,224
37: 1,643,037	55: 1,642,791	18: 1,643,257	57: 1,643,039	361: 1,643,014	25: 1,642,685
68: 1,642,701	44: 1,642,747	42: 1,642,935	76: 1,643,090	123: 1,643,126	212— 17: 1,643,208
69: 1,643,043	1,642,904	90: 5: 1,642,927	246: 1,643,289	311: 1,642,710	213— 36: 1,643,051
71: 3: 1,643,199	1,642,966	13: 1,643,024	265: 1,642,950	178— 6: 1,642,733	1,643,052
103: 1,643,010	1,642,967	18: 1,642,785	350: 1,642,819	44: 1,643,075	1,643,053
115: 1,642,707	1,642,968	15: 1,643,242	16: 5: 1,643,161	88: 1,642,703	214— 3: 1,643,141
134: 1,642,874	51— 13: 1,643,175	124: 1,643,182	22: 1,643,193	90: 1,642,822	5: 1,643,078
191: 1,643,063	52: 1,642,708	138: 1,643,200	12: 1,643,231	100: 1: 1,642,702	16: 1: R. 16, 738
249: 1,642,832	92: 1,643,089	157: 1,643,153	11: 1,642,916	1,642,905	46: 1,643,256
119: 1,642,980	280: 1,642,766	179: 1,642,801	32: 1,642,867	107: 1,642,776	74: 1,643,285
131: 1,642,753	53— 3: 1,642,865	182: 1,642,908	1,643,168	114: 1,642,777	62: 1,642,984
1,642,893	56— 22: 1,643,149	98— 2: 1,643,279	36: 1,642,888	117: 1,642,777	218— 19: 1,643,112
142: 1,642,886	69: 1,642,892	99— 5: 1,643,047	43: 1,643,035	119: 1,643,169	219— 8: 1,643,254
1,642,938	305: 1,642,908	6: 1,643,093	1,643,226	120: 1,643,104	10: 1,643,274
156: 1,643,181	401: 1,643,173	10: 1,643,011	59: 1,643,004	170: 1,642,749	220— 24: 1,643,133
157: 1,642,754	59— 78: 1,642,969	11: 1,642,789	78: 1,643,164	181: 1,642,778	43: 1,643,069
27: 1,642,909	95: 1,642,958	12: 1,643,174	80: 1,643,171	27: 1,643,098	66: 1,643,252
78: 1,643,135	96: 1,642,791	14: R. 16, 740	83: 1,642,780	64: 1,642,697	86: 1,643,237
84: 1,642,771	30: 1,643,275	57: 1,642,816	100— 57: 1,643,116	77: 1,643,240	221— 14: 1,642,868
105: 1,642,852	45: 1,642,709	126: 1,643,028	101—	83: 1,642,879	47: 4: 1,642,940
148: 1,643,110	115: 1,642,922	153: 1,643,145	137— 75: 1,643,021	27: 1,643,284	60: 1,642,797
153: 1,643,225	117: 1,642,882		104: 1,642,926	31: 1,643,029	64: 1,643,201
155. 5: 1,642,696	178: 1,642,942		1,643,082	22: 1,643,038	77: 1,642,920

221— 95: 1,642,779	240— 44: 1,642,919	244— 29: 1,642,686	260— 14: 1,642,830	272— 57: 1,643,040	292— 202: 1,642,836
98: 1,642,678	45: 4: 1,643,086	246— 448: 1,642,820	84: 1,643,222	273— 33: 1,643,113	204— 57: 1,642,994
100: 1,643,239	45: 6: 1,643,030	247— 10: 1,642,698	106: 1,642,689	79: 1,643,250	91: 1,643,283
223— 61: 1,643,077	48: 2: 1,643,187	248— 20: 1,643,131	262— 9: 1,642,885	134: 1,642,711	296— 1: 1,642,971
224— 5: 1,642,744	48: 4: 1,642,917	41: 1,643,271	13: 1,643,000	2: 1,643,228	28: 1,642,961
226— 2: 1,642,894	48: 6: 1,642,993	20: 1,642,861	13: 1,643,220	4: 1,642,798	29: 1,642,730
14: 1,642,887	85: 1,642,796	20: 1,643,015	13: 1,643,221	13: 1,642,714	299— 69: 1,642,910
84: 1,643,076	241— 6: 1,643,183	34: 1,642,915	265— 25: 1,643,161	33: 4: 1,642,823	88: 5: 1,642,757
227— 8: 1,642,911	242— 27: 1,642,924	56: 1,643,063	266— 7: 1,643,186	36: 1,642,731	301— 27: 1,643,172
229— 87: 1,642,804	54: 1,642,681	98: 1,642,973	36: 1,642,683	49: 1,642,712	24: 1,643,188
230— 5: 1,643,129	66: 1,642,669	121: 1,642,724	267— 10: 1,642,902	61: 5: 1,643,268	40: 1,642,713
24: 1,642,760	68: 1,642,680	2: 1,642,871	31: 1,642,940	96: 1: 1,643,034	303— 41: 1,643,165
17: 1,642,803	71: 1,642,818	3: 1,643,031	54: 1,643,050	124: 1,642,817	304— 24: 1,642,792
236— 41: 1,642,999	109: 1,642,936	253— 122: 1,643,099	54: 1,643,232	181: 1,642,800	306— 33: 1,642,814
20: 1,643,223	139: 1,642,890	256— 1: 1,643,123	61: 1,643,073	8: 1,642,939	308— 96: 1,642,979
238— 51: 1,643,177	146: 1,642,805	52: 1,643,100	36: 1,643,071	24: 1,643,229	187: 1,642,856
240— 2: 1,642,676	2: 1,642,699	57: 1,643,277	53: 1,643,064	57: 1,642,728	189: 1,643,156
1,642,677	1,643,049	259— 128: R 16,743	272— 33: 1,643,097	58: 1,642,748	203: 1,642,834
				290— 40: 1,643,213	

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ALPHABETICAL LIST OF REGISTRANTS OF TRADE-MARKS.

- Abraham & Straus, Inc., New York, N. Y. Colored dress goods. 233,479; Sept. 27. Class 42.
- Adels, Louis, doing business as Sleda Watch Company, New York, N. Y. Movements and cases for watches. 233,493; Sept. 27; Serial No. 250,151; published July 19, 1927. Class 27.
- Alderl, Giuseppe, New York, N. Y. Cigars. 233,474; Sept. 27. Class 17.
- Allen & Wheeler Co., The, Troy, Ohio. Wheat flour. 65,818-19; renewed Oct. 22, 1927.
- Ally Company, Inc., Port Washington, N. Y. Apparatus for making emulsions of oil and water. 233,316; Sept. 27; Serial No. 232,060; published July 19, 1927. Class 23.
- Aluminum Company of America, Pittsburgh, Pa. Duplex aluminum and aluminum-base alloys. 233,192; Sept. 27; Serial No. 249,691; published July 19, 1927. Class 14.
- Amendola Brothers, Inc., doing business as Amendola's Laboratories, New Haven, Conn. Hair tonic and hair-dressing. 233,337; Sept. 27; Serial No. 248,870; published July 19, 1927. Class 6.
- American Armor Corporation, New York, N. Y. Ferrous metals and metal armor for vehicles and ships and structural elements. 233,252; Sept. 27; Serial No. 232,646; published July 19, 1927. Class 14.
- American Baby Chick Producers Association, Peoria, Ill. Live baby chicks. 233,247; Sept. 27; Serial No. 234,243; published July 19, 1927. Class 46.
- Angelus Art Shop, Los Angeles, Calif. Stamped goods used for needlework. 233,335; Sept. 27; Serial No. 246,525; published July 12, 1927. Class 40.
- Anheuser-Busch Brewing Association, assignor to Anheuser-Busch, Incorporated, St. Louis, Mo. Beer. 64,464; renewed Dec. 3, 1927.
- Apollo Radio Horn Company, Chicago, Ill. Sound-amplifying devices known as loud speakers for use with radio receiving sets. 233,339; Sept. 27; Serial No. 205,925; published Mar. 2, 1926. Class 21.
- Artistic Bag Corp., New York, N. Y. Hand bags and purses. 233,478; Sept. 27. Class 3.
- Ashton & Co. (Estd. 1787) Limited, Manchester, England. Cotton piece goods. 233,225; Sept. 27; Serial No. 29,773; published July 19, 1927. Class 42.
- Assad, Alice M., Spirit Lake, Idaho. Bread yeast. 233,481; Sept. 27. Class 46.
- Atlantic Mills, The, Olneyville, R. I. and Stottville, N. Y. Woolen textile fabrics. 233,189; Sept. 27; Serial No. 248,468; published July 19, 1927. Class 42.
- Atlantic Mills, The, Olneyville, R. I. and Stottville, N. Y. Woolen textile fabrics. 233,309-10; Sept. 27; Serial Nos. 247,115-6; published July 19, 1927. Class 42.
- Babys Sliced Vegetable Co., assignor to Kiddle Kanned Foods, Inc., Seattle, Wash. Canned vegetables, fruits, and cereals. 233,307; Sept. 27; Serial No. 247,245; published July 19, 1927. Class 46.
- Badger Grains and Feed Co., Milwaukee, Wis. Stock feed. 233,206; Sept. 27; Serial No. 249,565; published July 19, 1927. Class 46.
- Bailey-Schmitz Co., Inc., Los Angeles, Calif. Mattresses. 233,318; Sept. 27; Serial No. 248,272; published July 19, 1927. Class 32.
- Baker Drug Company, Portland, Ore. Lung, throat, and bronchial medicine. 233,395; Sept. 27; Serial No. 250,429; published July 19, 1927. Class 6.
- Ball, Webster C., to The Webb C. Ball Watch Company, Cleveland, Ohio, successor. Clocks and watch movements. 64,718; renewed Aug. 20, 1927.
- Balveat Manufacturing Company, The, Mansfield, Ohio. Mattresses, box springs, and bed pillows. 233,191; Sept. 27; Serial No. 249,692; published July 19, 1927. Class 32.
- Banks, Charles L., St. Louis, Mo. Files and shear grinders. 233,403; Sept. 27; Serial No. 250,219; published July 19, 1927. Class 23.
- Banner Wholesale Grocery Co., Chicago, Ill. Canned vegetables, fish, fruit, and berries. 233,205; Sept. 27; Serial No. 249,566; published July 19, 1927. Class 46.
- Barlow & Jones, Limited, Manchester, England. Towels, bath mats, curtains, quilts, etc. 233,174; Sept. 27; Serial No. 248,873; published July 19, 1927. Class 42.
- Bay Company, The, Bridgeport, Conn. Surgical dressings, gauze products, adhesive products, etc. 233,262-3; Sept. 27; Serial Nos. 244,272-3; published July 19, 1927. Class 44.
- Bear, A. W., Commission Company, Kansas City, Mo. Dressed poultry. 233,237-40; Sept. 27; Serial Nos. 239,014-17; published Feb. 15, 1927. Class 46.
- Bear, A. W., Commission Company, Kansas City, Mo. Dressed poultry and eggs. 233,370; Sept. 27; Serial No. 238,003; published Mar. 15, 1927. Class 46.
- Bear Manufacturing Company. (See Terre Haute Extract & Chemical Co., assignor.)
- Bedell Company, The, New York, N. Y. Leather, hand, money, change, and traveling bags. 233,275; Sept. 27; Serial No. 241,806; published July 19, 1927. Class 3.
- Behr, Herman, & Co., assignor to Herman Behr & Company, Incorporated, New York, N. Y. Paper and cloth coated with adhesive material. 67,283; renewed Jan. 28, 1928.
- Beknap Hardware & Manufacturing Company, Louisville, Ky. Ice-cream freezers. 233,215; Sept. 27; Serial No. 249,941; published July 19, 1927. Class 31.
- Bell-O-Sal-Mfg. Co. (See Kroser, Harry Z.)
- Benrose Silk Mfg. Corp., New York, N. Y. Silk piece goods. 233,410; Sept. 27; Serial No. 250,112; published July 19, 1927. Class 42.
- Betty Ann Candy Company, The, Sidney, Ohio. Candies. 233,235; Sept. 27; Serial No. 239,842; published Apr. 19, 1927. Class 46.
- Biauchini, Ferler, Lyon, France. Piece goods of silk, wool, cotton, etc. 233,328; Sept. 27; Serial No. 247,670; published July 19, 1927. Class 42.
- Bierfeld, Louis, Company, Not Inc., Chicago, Ill. Mirrors. 233,323; Sept. 27; Serial No. 247,954; published July 19, 1927. Class 32.
- Blit-Rite Baby Carriage Co., Brooklyn, N. Y. Baby carriages. 233,253; Sept. 27; Serial No. 250,674; published July 19, 1927. Class 19.
- Blank, George W., Philadelphia, Pa. Buttons. 233,356; Sept. 27; Serial No. 244,209; published July 19, 1927. Class 40.
- Blumenthal, Sidney, & Co., Inc., New York, N. Y. Pile fabrics. 233,297; Sept. 27; Serial No. 246,590; published July 19, 1927. Class 42.
- Blumenthal, Sidney, & Co., Inc., New York, N. Y. Pile fabrics. 233,298; Sept. 27; Serial No. 246,588; published July 19, 1927. Class 42.
- Booth, F. E., Co., San Francisco, Calif. Canned fruits, fish, and vegetables. 233,207; Sept. 27; Serial No. 249,498; published July 19, 1927. Class 46.
- Boston & Lockport Block Company, East Boston, Mass. Heavy hardware. 233,242; Sept. 27; Serial No. 238,568; published July 19, 1927. Class 23.
- Bourjois, Inc., New York, N. Y. Perfume, toilet water, face powder, and sachet. 233,330; Sept. 27; Serial No. 247,594; published July 19, 1927. Class 6.
- Bridgeport Chain Company, The, Bridgeport, Conn. Upholstery springs and spring filers. 233,156; Sept. 27; Serial No. 249,111; published July 19, 1927. Class 32.
- Bridgeport Machine Company, The, Wichita, Kans. Oil-well drilling and fishing tools and parts thereof. 233,489; Sept. 27. Class 23.
- Brooks Tent & Awning Company, The, Denver, Colo. Cloth for all articles designed or used for protection of human beings, animals, or property from the elements, weather, etc. 233,183; Sept. 27; Serial No. 248,671; published July 19, 1927. Class 42.
- Brooks, William H., San Francisco, Calif. Bread. 233,447; Sept. 27. Class 46.
- Buffalo Specialty Company, assignor to Liquid Veneer Corporation, Buffalo, N. Y. Glue. 64,844; renewed Aug. 27, 1927.
- Bulova Watch Company, Inc., New York, N. Y. Watches and watchcases. 233,490-1; Sept. 27. Class 27.
- Butler, J. W., Paper Co., assignor to Butler Paper Corporation, Chicago, Ill. Writing paper. 65,482-4; renewed Oct. 8, 1927.
- Butterfield, Fred., & Co., assignor to Fred Butterfield & Co., Inc., New York, N. Y. Cotton piece goods. 63,262; renewed June 11, 1927.
- California Cyanide Company, Los Angeles, Calif. Fumigating compounds. 233,443-5; Sept. 27; Serial No. 250,598-600; published July 19, 1927. Class 6.
- Canada Biscuit Company, Limited, London, Canada. Biscuits. 233,333; Sept. 27; Serial No. 247,311; published July 19, 1927. Class 46.
- Carver File Company, also doing business as Delta File Works, Philadelphia, Pa. Files. 233,302; Sept. 27; Serial No. 245,829; published July 19, 1927. Class 23.
- Cello, Inc., New York, N. Y. Electric lamps. 233,151; Sept. 27; Serial No. 249,154; published July 19, 1927. Class 21.
- Cellucotton Products Company, Neenah, Wis., assignor to Kotex Company, Chicago, Ill. Absorbent pads or sheets for removing cold cream. 233,359; Sept. 27; Serial No. 228,504; published July 19, 1927. Class 44.
- Central West Laboratories, Chicago, Ill. Ointment. 233,228; Sept. 27; Serial No. 249,704; published July 19, 1927. Class 6.
- Chanel, Inc., New York, N. Y. Perfume, toilet water, and face powder. 233,406-7; Sept. 27; Serial Nos. 250,162-3; published July 19, 1927. Class 6.
- Charlton Woolen Company, Charlton, Mass. Chinchoria cloth. 233,296; Sept. 27; Serial No. 246,665; published July 19, 1927. Class 42.
- Chicago Nipple Manufacturing Co. of California, Los Angeles, Calif. Cores for pneumatic-tire valves. 233,301; Sept. 27; Serial No. 246,077; published July 19, 1927. Class 13.
- Clafin Flour Mills, The. (See Colorado Milling & Elevator Co., The.)

Clark & Phinisey Company, Clare, Mich. Polish for automobile bodies, etc. 233,316; Sept. 27; Serial No. 248,347; published July 19, 1927. Class 16.

Clement, Geo. B., Meridian, Miss. Mouth wash and toothpaste. 233,169; Sept. 27; Serial No. 248,953; published July 19, 1927. Class 6.

Clemetsen Company, The, Chicago, Ill. Desks, filing cabinets, and parts thereof. 233,260; Sept. 27; Serial No. 244,743; published July 19, 1927. Class 32.

Cochenour, Cecil E., Little Rock, Ark. Hair tonic. 233,350; Sept. 27; Serial No. 247,410; published July 19, 1927. Class 6.

Cohn, Jack, doing business as Eagle Drugists Supply Co., New York, N. Y. Elastic wrist bands. 233,450; Sept. 27. Class 44.

Colorado Milling & Elevator Co., The, Denver, Colo., also doing business as The Claflin Flour Mills, Claflin, Kans. Wheat flour. 233,399; Sept. 27; Serial No. 250,296; published July 19, 1927. Class 46.

Columbus Dental Mfg. Co., The, Columbus, Ohio. Glazing compound for porcelain bodies. 233,347; Sept. 27; Serial No. 232,189; published July 19, 1927. Class 44.

Comer Manufacturing Company, The, Dayton, Ohio. Preparation to prevent and destroy moth. 233,353; Sept. 27; Serial No. 247,263; published July 19, 1927. Class 6.

Congoleum-Nalrn Inc., Philadelphia, Pa. Prepared floor coverings of the oiled-cloth type. 233,315; Sept. 27; Serial No. 248,353; published July 12, 1927. Class 20.

Continental Optical Corporation. (See One Piece Bifocal Lens Company, assignor.)

Cook's, Adam, Sons, Inc., New York, N. Y. Lubricating greases. 233,266; Sept. 27; Serial No. 243,751; published July 19, 1927. Class 15.

Corrado Bros., New York, N. Y. Olive oil. 233,453; Sept. 27. Class 46.

Cortland Line Co., Inc., Cortland, N. Y. Fishing lines. 233,476; Sept. 27. Class 22.

Cotter, R. E., Company, San Francisco, Calif. Canned fish. 233,244; Sept. 27; Serial No. 236,911; published Apr. 19, 1927. Class 46.

Covina Food Products Co., Covina, Calif. Specially-prepared rice food. 233,439; Sept. 27; Serial No. 250,399; published July 19, 1927. Class 46.

Crane Company, The, Cleveland, Ohio. Candy. 233,449; Sept. 27. Class 46.

Cupples Company Manufacturers, St. Louis, Mo. Jar rings. 233,360; Sept. 27; Serial No. 226,334; published July 19, 1927. Class 35.

Darrah, Lydia, Candy Shops, Inc., Minneapolis, Minn. Candies. 233,216; Sept. 27; Serial No. 249,913; published July 19, 1927. Class 46.

Delta File Works. (See Carver File Company.)

Denver Equipment Company, Denver, Colo. Agitators, ball mills, classifiers, conditioners, coolers, etc. 233,232; Sept. 27; Serial No. 247,416; published July 19, 1927. Class 23.

De Ville, Augustus B., Cleveland, Ohio. Arch supports. 233,196-7; Sept. 27; Serial Nos. 249,646-7; published July 19, 1927. Class 44.

Dickinson, Albert, Company, The, Chicago, Ill. Hulled and cleaned popping corn. 233,184; Sept. 27; Serial No. 248,664; published July 19, 1927. Class 46.

Diel Watch Case Co., Inc., New York, N. Y. Watches and parts thereof. 233,218; Sept. 27; Serial No. 249,894; published July 19, 1927. Class 27.

Dill Manufacturing Company, The, Cleveland, Ohio. Valve stems, dust caps, etc. 233,463; Sept. 27. Class 13.

Drucker, Sam'l B., New York, N. Y. Mayonnaise dressing. 233,464-6; Sept. 27. Class 46.

Duplan Silk Corporation, New York, N. Y. Piece goods of silk, rayon, and mixtures of these materials. 233,288; Sept. 27; Serial No. 250,495; published July 19, 1927. Class 42.

Duplan Silk Corporation, New York, N. Y. Piece goods of silk, rayon, and mixtures of these materials. 233,349-50; Sept. 27; Serial Nos. 250,491-2; published July 19, 1927. Class 42.

Duplex Pln Company, Inc., San Francisco, Calif. Hairpins. 233,372; Sept. 27; Serial No. 238,435; published July 5, 1927. Class 40.

Durafite Putty Company. (See Papenfus, Daniel E.)

Eagle Drugists Supply Co. (See Cohn, Jack.)

Ehrat Cheese Company, Inc., Chicago, Ill. Potato chips. 233,188; Sept. 27; Serial No. 248,482; published July 19, 1927. Class 46.

Ehrat Cheese Company, Inc., Chicago, Ill. Potato chips. 233,326; Sept. 27; Serial No. 248,227; published July 19, 1927. Class 46.

Emery Food Company, Chicago, Ill. Canned corned beef. 233,298; Sept. 27; Serial No. 243,693; published July 19, 1927. Class 46.

Enterprise Tinware Co. Inc., New York, N. Y. Sanitary refuse cans or receptacles. 233,292; Sept. 27; Serial No. 249,164; published July 19, 1927. Class 2.

Eskimo Ice Corporation, Louisville, Ky. Candy covering for frozen confections. 233,428; Sept. 27; Serial No. 248,483; published July 19, 1927. Class 46.

Fahrig Metal Company, to Fahrig Metal Bearing Company, Inc., New York, N. Y., successor. Antifriction bearing metals. 62,533; renewed May 14, 1927.

Fairly, Giles A., doing business as Madame Elizabeth Company, Des Moines, Iowa. Medicinal preparation. 233,369; Sept. 27; Serial No. 234,386; published July 19, 1927. Class 6.

Ferguson, J. L., Company, Joliet, Ill. Packaging machinery. 233,245; Sept. 27; Serial No. 235,200; published July 19, 1927. Class 23.

Fidelity Machine Company, Wilmington, Del., and Philadelphia, Pa. Knitting and ribbing machines and parts thereof. 233,451; Sept. 27. Class 23.

Field, G. N., Los Angeles, Calif. Hair restorer. 233,424; Sept. 27; Serial No. 248,892; published July 19, 1927. Class 6.

Flavour Candy Co., Chicago, Ill. Candy. 233,165; Sept. 27; Serial No. 249,000; published July 19, 1927. Class 46.

Foot & Jenks, Jackson, Mich. Extracts for food-flavoring purposes. 233,438; Sept. 27; Serial No. 250,168; published July 19, 1927. Class 46.

Forstmann & Hoffmann Company, Passaic, N. J. Woolen piece goods. 233,380-1; Sept. 27; Serial Nos. 250,510-11; published July 19, 1927. Class 42.

Forstmann & Hoffmann Company, Passaic, N. J. Woolen piece goods. 233,382-4; Sept. 27; Serial Nos. 250,504-6; published July 19, 1927. Class 42.

Forstmann & Hoffmann Company, Passaic, N. J. Woolen piece goods. 233,385-7; Sept. 27; Serial Nos. 250,499-501; published July 19, 1927. Class 42.

Forstmann & Hoffmann Company, Passaic, N. J. Woolen piece goods. 233,404-5; Sept. 27; Serial Nos. 250,169-70; published July 19, 1927. Class 42.

Franklin-Kelly Company, The, Chicago, Ill. Carbon paper and typewriter ribbons. 233,187; Sept. 27; Serial No. 248,562; published July 19, 1927. Class 11.

Frederiksen, Johan D., assignor, by mesne assignments, to Chr. Hansen's Laboratory, Inc., Little Falls, N. Y. Preparations for coagulating or curdling milk. 30,916; renewed Nov. 30, 1927.

Freud-Eisenmann Radio Corporation, Brooklyn, N. Y. Radio loud speakers. 233,341; Sept. 27; Serial No. 230,448; published June 29, 1926. Class 21.

Freud-Eisenmann Radio Corporation, Brooklyn, N. Y. Phonographs, phonograph reproducers, etc. 233,344; Sept. 27; Serial No. 231,257; published July 6, 1926. Class 36.

Fuller and Fuller, Los Angeles, Calif. Perfumes, sachets, face powder, etc. 233,229; Sept. 27; Serial No. 248,095; published July 19, 1927. Class 6.

Gabilla, Incorporated, New York, N. Y. Perfumes, toilet waters, etc. 233,153; Sept. 27; Serial No. 249,115; published July 19, 1927. Class 6.

Gabilla, Incorporated, New York, N. Y. Perfumes, lotions, toilet waters and creams, etc. 233,114; Sept. 27; Serial No. 249,114; published July 19, 1927. Class 6.

Gary, Theo. H., Co., New York, N. Y. Hair nets. 233,289; Sept. 27; Serial No. 249,219; published July 19, 1927. Class 42.

Gas Light & Coke Company, The, London, England. Coal derivatives. 30,440; renewed July 27, 1927.

Gas Light & Coke Company, The, London, England. Chemical substances for sanitary purposes. 30,437; renewed Aug. 3, 1927.

General Appliance Corporation, Wilmington, Del., and San Francisco, Calif. Sets of electric lights and circuit interrupters for Christmas-tree decoration, electric cigarette lighters, etc. 233,161; Sept. 27; Serial No. 249,057; published July 19, 1927. Class 21.

General Dyestuff Corporation, New York, N. Y. Dyestuffs. 233,154; Sept. 27; Serial No. 249,116; published July 19, 1927. Class 6.

General Industries Company, The, Elyria, Ohio. Spring motors. 233,202-3; Sept. 27; Serial Nos. 249,583-4; published July 19, 1927. Class 23.

Getbetter Inc., Cohoes, N. Y. Yeast tablets. 233,415; Sept. 27; Serial No. 249,220; published July 19, 1927. Class 46.

Gibb and Brown, Inc., Denver, Colo., and Columbiana, Ohio. Grease and oil compound used as a lubricant. 233,340; Sept. 27; Serial No. 180,697; published Oct. 26, 1926. Class 15.

Giberson, E. O., & Company, Inc., New York, N. Y. Welding wire. 233,185; Sept. 27; Serial No. 248,631; published July 19, 1927. Class 14.

Gibson, Robert H., doing business as Perfection Cooky Co., Kansas City, Mo. Cookies. 233,448; Sept. 27. Class 46.

Globe Specialty Co., Chicago, Ill. Lamp parts. 233,485; Sept. 27. Class 34.

Goerlich, John E., Toledo, Ohio. Mufflers and cutouts for internal-combustion engines and parts of the same. 233,172-3; Sept. 27; Serial No. 248,895-6; published July 19, 1927. Class 23.

Goldenberg's, Washington, D. C. Felt base floor rugs. 233,303; Sept. 27; Serial No. 245,708; published July 19, 1927. Class 20.

Goodman American Ice Cream Company, Chicago, Ill. Ice cream. 233,422; Sept. 27; Serial No. 248,833; published July 19, 1927. Class 46.

Graham Paper Company, St. Louis, Mo. Printing and writing papers. 66,590-2; renewed Dec. 17, 1927.

Grand Rapids Cabinet Company, The, Grand Rapids, Mich. Ice-cream refrigerator cabinets. 233,275; Sept. 27; Serial No. 249,414; published July 19, 1927. Class 31.

Grand Rapids Store Equipment Corporation, Grand Rapids and Sparta, Mich. Store furnishings, fittings, and equipment. 233,160; Sept. 27; Serial No. 249,063; published July 19, 1927. Class 32.

Grebe, A. H., & Co., Inc., Richmond Hill, N. Y. Radio receiving sets and radio transmitting sets and parts thereof. 233,345; Sept. 27; Serial No. 231,259; published July 19, 1927. Class 21.

Grissoldville Mfg. Company, New York, N. Y. Textile fabric for use in medical, surgical, and similar bandages, etc. 233,227; Sept. 27; Serial No. 249,722; published July 19, 1927. Class 44.

Gruen Watch Company, The, Time Hill, Cincinnati, Ohio. Watches. 233,171; Sept. 27; Serial No. 248,901; published July 19, 1927. Class 27.

Guarantee Malt Products Company, Portland, Oreg. Malt sirup. 233,469; Sept. 27. Class 46.

Gurr, Frank K., Artesia, Calif. Frankfurter sausage in an envelope of dough and fried in grease. 233,461; Sept. 27. Class 46.

Guth, Stern & Co., Inc., New York, N. Y. Vacuum bottles. 233,210; Sept. 27; Serial No. 249,475; published July 19, 1927. Class 2.

Haarmann de Laire Schaefer Co., assignor to Maywood Chemical Works, Maywood, N. J. Aromatic synthetic liquid base for use in violet perfumes. 66,217; renewed Nov. 19, 1927.

Hamilton Manufacturing Company, Two Rivers, Wis. Drafting-room furniture. 233,288; Sept. 27; Serial No. 249,233; published July 19, 1927. Class 32.

Hanford, G. C., Mfg. Co., Syracuse, N. Y. Condition powder for horses, cattle, sheep, and swine. 66,904; renewed Jan. 7, 1928.

Hansen's, Chr., Laboratory, Inc. (See Frederiksen, Johan D., assignor.)

Harrington, Betty, New York, N. Y. Facial creams, perfumes, and hair tonics. 233,354; Sept. 27; Serial No. 245,555; published July 19, 1927. Class 6.

Harris Company, Inc., The, New York, N. Y. Cotton piece goods. 233,277; Sept. 27; Serial No. 249,418; published July 19, 1927. Class 42.

Hartley, C. M., Vacaville, Calif. Fresh deciduous fruits. 233,379; Sept. 27; Serial No. 250,536; published July 19, 1927. Class 46.

Hartman Wholesale Corporation, Chicago, Ill. Kitchen cabinets, sectional kitchen cabinets, wall cabinets, etc. 233,241; Sept. 27; Serial No. 238,973; published July 19, 1927. Class 32.

Hawaiian Pineapple Company, Ltd., Iwilei, Hawaii, and San Francisco, Calif. Canned fruits. 233,378; Sept. 27; Serial No. 250,537; published July 19, 1927. Class 46.

Hearst News Service, Inc., New York, N. Y. Motion-picture films. 233,283; Sept. 27; Serial No. 249,351; published July 19, 1927. Class 26.

Herrmann, A. S., Inc., New York, N. Y. Face cloths, textile bath mats, bedspreads, towels, etc. 233,201; Sept. 27; Serial No. 249,586; published July 19, 1927. Class 42.

Hills-McCauna Company, Chicago, Ill. Metal alloys. 233,358; Sept. 27; Serial No. 229,681; published July 19, 1927. Class 14.

Hires Turner Glass Company, Philadelphia, Pa. Plate glass mirrors. 233,470; Sept. 27. Class 32.

Hoff, Sigurd J., doing business as Keelock Manufacturing Co., New York, N. Y. Keyhole lock. 233,177; Sept. 27; Serial No. 248,774; published July 19, 1927. Class 25.

Holden-Leonard Company, New York, N. Y. Worsted and woolen textile fabrics. 233,398; Sept. 27; Serial No. 250,411; published July 19, 1927. Class 42.

Hoover Body Company, York, Pa. Vehicle bodies and parts thereof. 233,312; Sept. 27; Serial No. 246,903; published July 19, 1927. Class 19.

Hospital Specialty Co., The, Cleveland, Ohio. Sanitary neckbands. 233,291; Sept. 27; Serial No. 249,175; published July 19, 1927. Class 44.

Huston, Tom, doing business as Tom Huston Peanut Company, Columbus, Ohio. Fresh or salted peanuts. 233,233; Sept. 27; Serial No. 241,720; published July 19, 1927. Class 46.

I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main and Leverkusen, near Cologne-on-the-Rhine, Germany. Narcotics. 233,204; Sept. 27; Serial No. 249,580; published July 19, 1927. Class 6.

Iceland Medicine Company, Indianapolis, Ind. General tonic. 233,435; Sept. 27; Serial No. 249,727; published July 19, 1927. Class 6.

International Fraternity of Delta Sigma Pi, Chicago, Ill. Fraternity pins, badges, lapel buttons, cuff links, etc. 233,166; Sept. 27; Serial No. 248,912; published July 19, 1927. Class 28.

International Register Company, Chicago, Ill. Cutting machines. 233,331; Sept. 27; Serial No. 247,539; published July 19, 1927. Class 23.

Ishiyama, Shosaku, doing business as Stone Chemical Products Co., Los Angeles, Calif. Paint remover. 233,248; Sept. 27; Serial No. 234,124; published July 19, 1927. Class 16.

"It" Products Co., Los Angeles, Calif. Medicine. 233,159; Sept. 27; Serial No. 249,067; published July 19, 1927. Class 6.

Jay-Tee Mfg. Co., The. (See Simon, David.)

Jessop, S. T., Co., Inc., Chicago, Ill. Exhaust operated automobile whistles. 233,276; Sept. 27; Serial No. 249,426; published July 19, 1927. Class 23.

Johnson, E. A., near Gordonsville, Va. Baby chicks, eggs for hatching, and breeding poultry stock. 233,162; Sept. 27; Serial No. 249,008; published July 19, 1927. Class 46.

Johnson, John A., doing business as Sylvania Perfume Co., Phila., Philadelphia, Pa. Perfumery. 233,367; Sept. 27; Serial No. 174,364; published July 19, 1927. Class 6.

Jönköpings och Vuleans Tändsticksfabriksaktiebolag, Jönköping, Sweden. Matches. 233,217; Sept. 27; Serial No. 249,908; published July 19, 1927. Class 9.

Jordan, O. F., Company, East Chicago, Ill. Railway-track roller and spraying machines and railroad spreaders. 233,158; Sept. 27; Serial No. 249,068; published July 19, 1927. Class 23.

Jordan Stevens, Co., Minneapolis, Minn. Coffee. 233,394; Sept. 27; Serial No. 250,460; published July 19, 1927. Class 46.

Katz & Ogush, Inc., New York, N. Y. Watches, watch-cases, and watch movements. 233,282; Sept. 27; Serial No. 249,356; published July 19, 1927. Class 27.

Keek Company, Inc., St. Louis, Mo. Toilet water. 233,377; Sept. 27; Serial No. 250,547; published July 19, 1927. Class 6.

Keelock Manufacturing Co. (See Hoff, Sigurd J.)

Keystone Steel & Wire Company, South Bartonville, Peoria, Ill. Nails. 233,175; Sept. 27; Serial No. 248,844; published July 19, 1927. Class 13.

Kiddle Kanned Foods, Inc. (See Baby's Sieved Vegetable Co., assignor.)

Kieft, Wm., doing business as Lillian R. Company, San Francisco, Calif. Toilet preparations. 233,352; Sept. 27; Serial No. 245,726; published July 19, 1927. Class 6.

King Midas Mill Company, Hastings and Minneapolis, Minn. Rye flour and wheat flour. 233,364-5; Sept. 27; Serial Nos. 213,653-4; published Jan. 5, 1926. Class 46.

King, Robert P., Ellsworth, Me. Fuel economizer for heating plants. 233,195; Sept. 27; Serial No. 249,662; published July 19, 1927. Class 34.

Klein, Max, doing business as Kilmate-Pruf Mfg. Company, New York, N. Y. Waterproofing compounds, etc. 233,468; Sept. 28. Class 12.

Kilmate-Pruf Mfg. Company. (See Klein, Max.)

Kling-Tite Paint Products Company, Chicago, Ill. Roof paints. 233,368; Sept. 27; Serial No. 228,319; published July 19, 1927. Class 16.

Knight & Thomas, Inc., Boston, Mass. Portable hand fire-extinguishing apparatus. 233,327; Sept. 27; Serial No. 247,740; published July 19, 1927. Class 23.

Kohn, Max, Chicago, Ill. Pillows. 233,311; Sept. 27; Serial No. 247,089; published July 19, 1927. Class 32.

Kool Kist Company, Los Angeles, Calif. Permeators in the nature of humidors and cartridges for the same. 233,348; Sept. 27; Serial No. 232,571; published July 19, 1927. Class 8.

Korn, Samuel, doing business as Lucky Planet Mfg. Co., Cincinnati, Ohio. Incense. 233,355; Sept. 27; Serial No. 245,442; published July 19, 1927. Class 6.

Korones Brothers, New York, N. Y. Watches and watch movements. 233,167; Sept. 27; Serial No. 248,913; published July 19, 1927. Class 27.

Kotex Company. (See Cellucotton Products Company, assignor.)

Kramer, Sidney, doing business as Kratex Co., Syracuse, N. Y. Liniment for external use. 233,285; Sept. 27; Serial No. 249,277; published July 19, 1927. Class 6.

Kratex Co. (See Kramer, Sidney.)

Kroger Grocery & Baking Co., The, Cincinnati, Ohio. Beverage. 233,475; Sept. 27. Class 45.

Kroger Grocery & Baking Co., The, Cincinnati, Ohio. Canned green beans and canned strained tomatoes. 233,492; Sept. 27. Class 46.

Kronthal, Chertow, & Corin, New York, N. Y. Silk and silk-mixture piece goods. 233,393; Sept. 27; Serial No. 250,464; published July 19, 1927. Class 42.

Kroser, Harry Z., doing business as Bell O-Sal-Mfg. Co., Philadelphia, Pa. Compound for the treatment of rheumatism, etc. 233,434; Sept. 27; Serial No. 249,480; published July 19, 1927. Class 6.

La Hatto, Cleoro, Vicksburg, Miss. Tables. 233,264; Sept. 27; Serial No. 243,862; published July 19, 1927. Class 32.

Landis Machine Company, Waynesboro, Pa. Cutter heads, thread-cutting machines, cutters therefor, and parts thereof. 233,269; Sept. 27; Serial No. 243,316; published July 19, 1927. Class 23.

Lea, David M., & Company, Inc., Richmond, Va. Packing boxes. 233,153; Sept. 27; Serial No. 249,130; published July 19, 1927. Class 2.

Lee, Geo. H., Co., Omaha, Nebr. Medicine. 233,221; Sept. 27; Serial No. 249,856; published July 19, 1927. Class 6.

Lefebvre Corporation, Cedar Rapids, Iowa. Book racks. 233,325; Sept. 27; Serial No. 247,899; published July 19, 1927. Class 32.

Legrand, Oriza L., Inc., Wilmington, Del., and New York, N. Y. Perfumes, toilet water, brillantage, etc. 233,402; Sept. 27; Serial No. 250,245; published July 19, 1927. Class 6.

Lelong, Lucien, Paris, France. Perfumes and toilet preparations. 233,368; Sept. 27; Serial No. 230,178; published July 19, 1927. Class 6.

Lelong, Lucien, Paris, France. Perfumes, toilet waters, astringent lotions, etc. 233,371; Sept. 27; Serial No. 238,379; published July 19, 1927. Class 6.

Lillian R. Company. (See Kleff, Wm.)

Lilly, Eli, & Company, The, now, by change of name, Eli Lilly & Company, Indianapolis, Ind. Medicine consisting of a vaccine used in the treatment of pneumonia. 233,455; Sept. 27. Class 6.

Lindeman, Nathan, Newark, N. J. Horse-radish, cocktail sauce, beet relish, mustard and horse-radish. 233,421; Sept. 21; Serial No. 248,779; published July 19, 1927. Class 46.

Linick, Leslie L., Chicago, Ill. Jewelry, not including watches. 233,457; Sept. 27. Class 28.

Lion Oil Company, Chicago, Ill. Petroleum, kerosene, gasoline, naphtha, etc. 233,214; Sept. 27; Serial No. 249,973; published July 19, 1927. Class 15.

Liquid Veneer Corporation. (See Buffalo Specialty Company, assignor.)

Livierato, Bernard A., New York, N. Y. Coffee. 233,397; Sept. 27; Serial No. 250,414; published July 19, 1927. Class 46.

Lowenstein, M. & Sons, Inc., New York, N. Y. Piece goods of cotton and linen. 233,401; Sept. 27; Serial No. 250,248; published July 19, 1927. Class 42.

Lucas, John, & Co., Inc., Philadelphia, Pa. White lead and ready-mixed paints. 233,170; Sept. 27; Serial No. 248,960; published July 19, 1927. Class 16.

Lucky Planet Mfg. Co. (See Korn, Samuel.)

Madame Elizabeth Company. (See Fairly, Giles A.)

Ma-Deer-A Kitchens. (See Reed, Edgar L.)

Marcia, Inc., New York, N. Y. Cosmetics. 233,343; Sept. 27; Serial No. 231,115; published July 19, 1927. Class 6.

Markwell Manufacturing Co., Inc., New York, N. Y. Binding, stapling, and tacking machines. 233,357; Sept. 27; Serial No. 228,822; published July 19, 1927. Class 23.

Maryland New River Coal Company, Philadelphia, Pa. Coal. 233,454; Sept. 27. Class 1.

Mathieu & Smith, Patchogue, N. Y. Home remedy for coughs and colds. 233,261; Sept. 27; Serial No. 244,620; published July 19, 1927. Class 6.

Maurycy Company, Memphis, Tenn. Pepper sauce. 233,460; Sept. 27. Class 46.

Mavrelle Company, The. (See Mavrellis, Peter L.)

Mavrellis, Peter L., doing business as The Mavrelline Company, Waterloo, Iowa. Medicinal preparations. 233,417; Sept. 27; Serial No. 249,359; published July 19, 1927. Class 6.

Maybelle Kromdyke. (See Reed, Edgar L., assignor.)

Mayfair Products, Inc., New York, N. Y. Beverages containing clam juice. 233,234; Sept. 27; Serial No. 240,559; published May 17, 1927. Class 46.

Mayfair Products, Inc., New York, N. Y. Beverages containing clam juice and packed in containers. 233,206; Sept. 27; Serial No. 247,276; published July 19, 1927. Class 46.

Mayflower Fruit Association, Exeter, Calif. Fresh deciduous fruits, etc. 233,430; Sept. 27; Serial No. 247,197; published July 19, 1927. Class 46.

Maywood Chemical Works. (See Haarmann de Lalre Schaefer Co., assignor.)

McKesson & Robbins, New York, N. Y., assignor, by mesne assignments, to McKesson & Robbins, Incorporated, Bridgeport, Conn. Atomizers. 64,054; renewed July 23, 1927.

McKesson & Robbins, New York, N. Y., assignor, by mesne assignments, to McKesson & Robbins, Incorporated, Bridgeport, Conn. Medicines. 64,144; renewed July 23, 1927.

McKesson & Robbins, New York, N. Y., assignor, by mesne assignments, to McKesson & Robbins, Incorporated, Bridgeport, Conn. Atomizers. 64,528; renewed Aug. 13, 1927.

McKesson & Robbins, New York, N. Y., assignor, by mesne assignments, to McKesson & Robbins, Incorporated, Bridgeport, Conn. Medicines. 64,636; renewed Aug. 13, 1927.

McLaughlin-Gormley-King Company, Minneapolis, Minn. Plant spray. 233,392; Sept. 27; Serial No. 250,468; published July 19, 1927. Class 6.

McLaughlin, W. F., & Company, Chicago, Ill. Coffee. 65,709-10; renewed Oct. 15, 1927.

Mechanical Specialty Co., Bayonne, N. J. Vaporizer devices. 233,324; Sept. 27; Serial No. 247,904; published July 19, 1927. Class 23.

Mente & Co., Inc., New Orleans, La. Sugar-bag cloth. 233,270; Sept. 27; Serial No. 242,735; published July 19, 1927. Class 42.

Michigamme Oil Company, The, Ann Arbor, Mich. Gasoline, kerosene, lubricating oil and grease. 233,287; Sept. 27; Serial No. 249,231; published July 19, 1927. Class 15.

Middle States Packing Company, Chicago, Ill. Canned fruits, vegetables, berries, succotash, and sliced pineapple. 233,427; Sept. 27; Serial No. 248,508; published July 19, 1927. Class 46.

Miller, O. A., Treeling Machine Company, Portland, Me., and Boston, Mass. Boot and shoe trees, shoe forms, lasts, and followers. 65,704; renewed Oct. 15, 1927.

Mir Rovira, Ignacio, Sarria, Barcelona, Spain. Sewing white linen thread. 233,362; Sept. 27; Serial No. 223,104; published July 19, 1927. Class 43.

Model Mill Company, Inc., Johnson City, Tenn. Corn meal and feed. 233,212; Sept. 27; Serial No. 250,085; published July 19, 1927. Class 27.

Monteverde, Rolandelli & Parodi, Inc., San Francisco, Calif. Vegetable oil. 233,429; Sept. 27; Serial No. 248,313; published July 19, 1927. Class 46.

Montlor Bros., New York, N. Y. Trading in textile objects of art. 233,458; Sept. 27. Class 42.

Montlor Bros., New York, N. Y. Porcelains and curios. 233,459; Sept. 27. Class 30.

Moran, Alfred, doing business as A. Moran & Company, Flint, Mich. Horse-radish. 233,419; Sept. 27; Serial No. 248,644; published July 19, 1927. Class 46.

Morris, J. Leslie, Company, Los Angeles, Calif. Bearings. 233,152; Sept. 27; Serial No. 249,131; published July 19, 1927. Class 23.

Mortelmans, Franciscus G., The Hague, Netherlands. Photographic copying machines. 233,265; Sept. 27; Serial No. 243,820; published July 19, 1927. Class 26.

Murphy, John, Company, Baltimore, Md. Printed books. 66,764; renewed Dec. 24, 1927.

Mutual Stores, Inc., Oakland, Calif. Canned fruits and vegetables. 233,376; Sept. 27; Serial No. 250,560; published July 19, 1927. Class 46.

Nathan Novelty Mfg. Co., New York, N. Y. Auto seat covers. 233,342; Sept. 27; Serial No. 231,060; published July 19, 1927. Class 19.

National Biscuit Company. (See United States Baking Company, assignor.)

National Malleable Castings Co., The, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Car couplings. 65,262; renewed Sept. 17, 1927.

National Spring & Wire Co., Grand Rapids, Mich. Mattresses and bed springs. 233,181-2; Sept. 27; Serial Nos. 248,711-12; published July 19, 1927. Class 32.

National Tea Co., Milwaukee, Wis. Coffee. 233,488; Sept. 27. Class 46.

Nemour Silk Corporation, New York, N. Y. Silk piece goods. 233,251; Sept. 27; Serial No. 232,687; published July 19, 1927. Class 42.

Neuralgylne Company, The, assignor to Sterling Products (Incorporated), Wheeling, W. Va. Headache remedies in liquid and tablet form. 66,274; renewed Nov. 19, 1927.

Newport News Shipbuilding and Dry Dock Company, Newport News, Va. Special machinery, steel turbines, etc. 233,250; Sept. 27; Serial No. 232,738; published July 19, 1927. Class 23.

New York Hamburger Gummi-Waaren Compagnie, Hamburg, Germany. Combs of every kind other than precious metal ware. 233,473; Sept. 27. Class 40.

Niles Steele Products Company, Niles, Ohio. Steel paint pails. 233,486; Sept. 27. Class 2.

Nitrate Agencies Company, New York, N. Y. Agricultural insecticides. 233,440; Sept. 27; Serial No. 250,562; published July 19, 1927. Class 6.

Northern Blower Company, Cleveland, Ohio. Dust collectors. 233,317; Sept. 27; Serial No. 248,317; published July 19, 1927. Class 23.

O-T Manufacturing Company. (See Tanner, Arnold J.)

O'Malley-Abelling Company, San Francisco, Calif. Dried and canned fruits, canned vegetables, and fish. 233,209; Sept. 27; Serial No. 249,485; published July 19, 1927. Class 46.

One Piece Bifocal Lens Company, Indianapolis, Ind., assignor to Continental Optical Corporation, New York, N. Y. Optical lenses. 233,456; Sept. 27. Class 26.

O'Neill Duro Company, Milwaukee, Wis. Paints of every description. 233,267; Sept. 27; Serial No. 248,725; published July 19, 1927. Class 16.

Onstrand, Matilda T., Minneapolis, Minn. Healing plaster, liniment, and cough medicine. 233,295; Sept. 27; Serial No. 246,704; published July 19, 1927. Class 6.

Pacific Coast Cannery, Inc., Oakland, Calif. Canned fruits. 233,314; Sept. 27; Serial No. 248,428; published July 19, 1927. Class 46.

Pan American Petroleum Company, Los Angeles, Calif. Lubricating oil. 233,396; Sept. 27; Serial No. 250,419; published July 19, 1927. Class 15.

Papenfus, Daniel E., doing business as Duratite Putty Company, Long Beach, Calif. Putty. 233,180; Sept. 27; Serial No. 248,716; published July 19, 1927. Class 16.

Patek Brothers, Inc., Milwaukee, Wis. Paint. 233,452; Sept. 27. Class 16.

Patek Brothers, Inc., Milwaukee, Wis. Calcimine. 233,487; Sept. 27. Class 16.

Patent Button Company, The, Waterbury, Conn. Non-precious-metal buttons. 233,420; Sept. 27; Serial No. 248,717; published July 19, 1927. Class 40.

Peerless Oil & Refining Company, Chanute, Kans. Kerosene. 233,400; Sept. 27; Serial No. 250,262; published July 19, 1927. Class 15.

Penman, Arthur G., Toronto, Ontario, Canada. Compound adhesive fluid. 233,258-9; Sept. 27; Serial No. 244,786-7; published July 19, 1927. Class 5.

Penney, J. C., Company, Wilmington, Del., and New York, N. Y. Cotton piece goods. 233,409; Sept. 27; Serial No. 250,135; published July 19, 1927. Class 42.

Penney, J. C., Company, Wilmington, Del., and New York, N. Y. Narrow elastic. 233,432; Sept. 27; Serial No. 246,983; published July 12, 1927. Class 40.

Peoples Milling Company, Muskegon, Mich. Dairy feed. 233,211; Sept. 27; Serial No. 250,094; published July 12, 1927. Class 46.

Perfection Cooky Co. (See Gibson, Robert H.)

Picroleline Products Co., Montreal, Quebec, Canada. Preparations for the treatment and relief of burns, scalds, wounds, etc. 233,418; Sept. 27; Serial No. 248,591; published July 19, 1927. Class 6.

Pittsburgh Steel Products Company, Pittsburgh, Pa. Metal tubes. 233,467; Sept. 27. Class 13.

Porterville Citrus Association, The, Porterville, Calif. Oranges, lemons, and grapefruit. 233,272-4; Sept. 27; Serial Nos. 241,839-41; published July 19, 1927. Class 46.

Prarie, Calvin M., doing business as The Titan Baking Powder Co., Plattsburg, N. Y. Baking powder. 233,208; Sept. 27; Serial No. 249,488; published July 19, 1927. Class 6.

Puritan Chemical Company, Atlanta, Ga. Chemical preparation. 233,200; Sept. 27; Serial No. 249,603; published July 19, 1927. Class 6.

Queen Lilo Hair Tonic Co., New York, N. Y. Hair tonic and hairdressing. 233,486; Sept. 27; Serial No. 249,866; published July 19, 1927. Class 6.

Rainbow Dye Company, New York, N. Y. Dyes. 64,116; renewed July 23, 1927.

Ratin Laboratory, Inc., The, New York, N. Y. Moth preventive, insecticides, and vermin exterminators. 233,351; Sept. 27; Serial No. 245,863; published July 19, 1927. Class 6.

Redlands Heights Groves, Inc., Redlands, Calif. Fresh citrus fruits. 233,375; Sept. 27; Serial No. 250,566; published July 19, 1927. Class 46.

Reed, Edgar L., doing business as Ma-Deer-A Kitchens and Ma-Deer-A Food Products Co., assignor to Maybelle Kromdyke, Chicago, Ill. Jelly and marmalade. 233,374; Sept. 27; Serial No. 250,567; published July 19, 1927. Class 46.

Remedy Products, Inc., New York, N. Y. Laxatives. 233,262; Sept. 27; Serial No. 249,440; published July 19, 1927. Class 6.

Reminders Corporation, New York, N. Y. Chewing gum. 233,271; Sept. 27; Serial No. 242,022; published July 19, 1927. Class 46.

Rice and Fishman, Newark, N. J. Canned vegetables, fruits, shellfish, and evaporated milk. 233,426; Sept. 27; Serial No. 248,516; published July 19, 1927. Class 46.

Resselman, Anthony C., Le Roy, N. Y. Pop-corn confections. 233,186; Sept. 27; Serial No. 248,595; published July 19, 1927. Class 46.

Roberson, Alonzo, & Son, to A. Roberson & Son, Inc., Binghamton, N. Y., successor. Doors, blinds, and windows, glazed and unglazed; frames, etc. 30,992; renewed Dec. 21, 1927.

Robinson Syrup Company, Cairo, Ga. Table sirup. 233,423; Sept. 27; Serial No. 248,973; published July 19, 1927. Class 46.

Roebing's, John A., Sons Company, Trenton, N. J. Wrenches. 233,220; Sept. 27; Serial No. 249,868; published July 19, 1927. Class 23.

Ronan, T. J., Co., Inc., Brooklyn, N. Y. Lacquers, paint enamels, and thinners. 233,176; Sept. 27; Serial No. 248,796; published July 19, 1927. Class 16.

Rotair Burner Corporation, San Francisco, Calif. Liquid-fuel burners. 233,157; Sept. 27; Serial No. 249,097; published July 19, 1927. Class 34.

Roycrofters, The, East Aurora, N. Y. Combination match holders and ash trays, cigarette holders, etc. 233,334; Sept. 27; Serial No. 246,439; published July 19, 1927. Class 8.

Rubber Service Laboratories Company, The, Akron, Ohio. Compound used as a vulcanization accelerator in the curing of rubber articles. 233,437; Sept. 27; Serial No. 250,143; published July 19, 1927. Class 6.

Russell, I. D., doing business as I. D. Russell Company, Kansas City, Mo. Medicine for fowls. 233,281; Sept. 27; Serial No. 249,444; published July 19, 1927. Class 6.

Sablo, Alex., & Sons, New York, N. Y. Watches and parts thereof. 233,226; Sept. 27; Serial No. 249,753; published July 19, 1927. Class 27.

Safety Fumigant Company, Boston, Mass. Liquid disinfectant, cleanser, deodorant, and bleach. 233,413; Sept. 27; Serial No. 250,098; published July 19, 1927. Class 6.

Saladino Distributing Company, Mercedes, Tex. Assorted small lots of fresh fruits packed in special gift packages. 233,321; Sept. 27; Serial No. 248,130; published July 19, 1927. Class 46.

Sanitarium and Hospital Equipment Company, Battle Creek, Mich. Electric-arc lamps used for therapeutic purposes. 233,179; Sept. 27; Serial No. 248,729; published July 19, 1927. Class 44.

Sanders, Walker, Number Four, N. Y. Ointment. 233,164; Sept. 27; Serial No. 248,977; published July 19, 1927. Class 6.

Savannah Sugar Refining Corporation, Savannah, Ga. Sugar. 233,330; Sept. 27; Serial No. 246,507; published July 19, 1927. Class 46.

Scholl Mfg. Co., Inc., The, Chicago, Ill. Arch supports. 233,246; Sept. 27; Serial No. 234,991; published Nov. 9, 1926. Class 44.

Shepherd, Mrs. M. C., doing business as The Shepherd Company, Oakman, Ala. Medicinal compound for the treatment of rheumatism. 233,329; Sept. 27; Serial No. 247,643; published July 19, 1927. Class 6.

Sherbro Laboratories, The. (See Sherman, Philip J.)

Sherman, Philip J., doing business under the name of The Sherbro Laboratories, Chattanooga, Tenn. Preparation for indigestion and stomach trouble. 233,416; Sept. 27; Serial No. 249,240; published July 19, 1927. Class 6.

Shoreham Manufacturing Co., Inc., Winfield, N. Y. Toilet sets. 233,431; Sept. 27; Serial No. 247,147; published June 21, 1927. Class 40.

Simon Bros. Co., Madison, Wis. Canned fruits and canned vegetables, coffee, tea, etc. 233,472; Sept. 27. Class 46.

Simon, David, doing business as The Jay-Tee Mfg. Co., Chicago, Ill. Curtains and draperies. 233,190; Sept. 27; Serial No. 249,610; published July 19, 1927. Class 42.

Skinner Manufacturing Co., Omaha, Nebr. Cereal breakfast food. 233,462; Sept. 27. Class 46.

Sleda Watch Company. (See Adels, Louis.)

Smith America, Inc., New York, N. Y. Watches. 233,163; Sept. 27; Serial No. 248,937; published July 19, 1927. Class 27.

Societe Anonyme de Commentry Fourchambault et Decizeville, Paris, France. Alloy which is substantially inexpandable. 63,970; renewed July 16, 1927.

Solomon, William P., London, England. Tobacco pipes. 233,293; Sept. 27; Serial No. 249,932; published July 19, 1927. Class 8.

Southwestern Milling Company, Inc., The, New York, N. Y. Wheat flour. 233,294; Sept. 27; Serial No. 246,556; published July 19, 1927. Class 46.

Southwestern Milling Company, Inc., The, New York, N. Y. Self-rising flour. 233,313; Sept. 27; Serial No. 246,557; published July 19, 1927. Class 46.

Spooner Inc., New York, N. Y. Lip rouge, face powder, face rouge, etc. 233,477; Sept. 27. Class 6.

Standard Oil Company, Whiting, Ind., and Chicago, Ill. Mineral wax. 233,412; Sept. 27; Serial No. 250,103; published July 19, 1927. Class 15.

Standard Oil Company of New York, New York, N. Y. Petroleum and products of petroleum. 233,219; Sept. 27; Serial No. 249,871; published July 19, 1927. Class 15.

Steffens, Frank N., New York, N. Y. Plated cast and forged metal plates and dies. 233,305; Sept. 27; Serial No. 245,592; published July 19, 1927. Class 23.

Stein, Hermann, Berlin, Germany. Medicinal wines. 63,653; renewed July 2, 1927.

Stein, S., & Co., New York, N. Y. Woolen goods. 233,482; Sept. 27. Class 42.

Stein, S., & Co., New York, N. Y. Woolen goods. 233,483-4; Sept. 27. Class 42.

Sterling Products (Incorporated). (See Neuralgylne Company, The, assignor.)

Stone Chemical Products Co. (See Ishiyama, Shosaku.)

Strand Hand Bag Co., Inc., New York, N. Y. Ladies' hand bags. 233,194; Sept. 27; Serial No. 249,682; published July 19, 1927. Class 3.

Stromberg-Carlson Telephone Mfg. Co., Rochester, N. Y. Electrical instruments. 66,210; renewed Nov. 12, 1927.

Sullivan, John P., Omaha, Nebr. Candy. 233,290; Sept. 27; Serial No. 249,203; published July 19, 1927. Class 46.

Sylvania Perfume Co., Phila. (See Johnson, John A.)

Tal Hing Company, Honolulu, Hawaii. Coffee. 233,243; Sept. 27; Serial No. 237,929; published July 19, 1927. Class 46.

Tanner, Arnold J., doing business as O-T Manufacturing Company, New Haven, Conn. Folding paper containers. 233,178; Sept. 27; Serial No. 245,735; published July 19, 1927. Class 2.

Tasty Baking Company, Philadelphia, Pa. Cakes. 233,391; Sept. 27; Serial No. 250,477; published July 19, 1927. Class 46.

Tasty Cooker Company, Detroit, Mich. Base-metal food cookers. 233,319; Sept. 27; Serial No. 248,264; published July 19, 1927. Class 13.

Terminal Barber Shops, Inc., New York, N. Y. Hair tonics. 233,338; Sept. 27; Serial No. 248,656; published July 19, 1927. Class 6.

Terminal Barber Shops, Inc., New York, N. Y. Hair tonics. 233,340; Sept. 27; Serial No. 248,655; published July 19, 1927. Class 6.

Terre Haute Extract & Chemical Co., assignor, by mesne assignments, to Bear Manufacturing Company, Terre Haute, Ind. Toilet preparation. 63,788; renewed July 9, 1927.

Thermo Electric Instrument Co., The, Irvington, N. J. Electric ovens. 233,480; Sept. 27. Class 21.

Theta Kappa Nu Fraternity, Springfield, Mo., and Cleveland, Ohio. Jewelry for personal wear, not including watches. 233,236; Sept. 27; Serial No. 239,437; published July 19, 1927. Class 28.

Thompson, James C., doing business as James C. Thompson & Co., Wytheville, Va. Preparation for treatment of falling hair and dandruff and to allay irritation of the scalp, etc. 233,198; Sept. 27; Serial No. 249,616; published July 19, 1927. Class 6.

Thornton & Chester Milling Company, Buffalo, N. Y. Wheat flour. 67,064; renewed Jan. 14, 1928.

Titan Baking Powder Co., The. (See Prarie, Calvin M.)

Todaro, Paul, doing business as P. Todaro & Co., New York, N. Y. Canned tomatoes and fish. 233,308; Sept. 27; Serial No. 247,228; published July 19, 1927. Class 46.

Tomchin & Levinson, Inc., New York, N. Y. Bracelets for wrist watches. 233,322; Sept. 27; Serial No. 248,066; published July 19, 1927. Class 28.

Towns, Dr. W., Medical Company, Fond du Lac, to Towns Remedy Co., Milwaukee, Wis., successor. Remedy for epilepsy. 66,639; renewed Dec. 17, 1927.

Turell, A. M., Fabrics Corporation, New York, N. Y. Silk fabrics. 233,250-1; Sept. 27; Serial Nos. 249,388-9; published July 19, 1927. Class 42.

Turner, Oscar A., Chicago, Ill. Textile dollies and scarfs. 233,366; Sept. 27; Serial No. 213,411; published July 19, 1927. Class 42.

Tyler, W. S., Company, The, Cleveland, Ohio. Wire fabric for screening purposes. 233,193; Sept. 27; Serial No. 249,683; published July 19, 1927. Class 13.

Typographic Machines Co., The, Dayton, Ohio. Automatic typesetting machines. 233,411; Sept. 27; Serial No. 250,105; published July 19, 1927. Class 23.

Uniform Products Company, Lancaster, Pa. Fertilizers. 233,255-6; Sept. 27; Serial Nos. 250,581-2; published July 19, 1927. Class 10.

Uniform Products Company, Lancaster, Pa. Insecticides. 233,441; Sept. 27; Serial No. 250,580; published July 19, 1927. Class 6.

Uniform Products Company, Lancaster, Pa. Insecticides. 233,442; Sept. 27; Serial No. 250,583; published July 19, 1927. Class 6.

United Drug Company, Jersey City, N. J., assignor to United Drug Company, Boston, Mass. Candy. 66,938-9; renewed Jan. 7, 1928.

United Fruit Company, Jersey City, N. J., and Boston, Mass. Bananas. 233,249; Sept. 27; Serial No. 235,336; published July 19, 1927. Class 46.

United States Baking Company, Pittsburgh, Allegheny, and Williamsport, Pa.; Cincinnati, Columbus, Zanesville, Dayton, Newark, Cleveland, Toledo, Mansfield, Akron, and Springfield, Ohio; Detroit, Bay City, Muskegon, and Lansing, Mich.; Indianapolis, Fort Wayne, Richmond, Evansville, and Terre Haute, Ind.; Wheeling, W. Va.; Buffalo and Rochester, N. Y.; Boston, Mass.; and Louisville, Ky., assignor, by mesne assignments, to National Biscuit Company, New York, N. Y. Crackers and cakes. 31,022; renewed Dec. 21, 1927.

Vacuum Oil Company, New York, N. Y. Oils, greases, and waxes, etc. 233,300; Sept. 27; Serial No. 246,578; published July 19, 1927. Class 15.

Valentine & Company, New York, N. Y. Primers, surfacers, primer surfacers, and varnishes. 233,213; Sept. 27; Serial No. 250,051; published July 19, 1927. Class 16.

Vico Products Company, Minneapolis, Minn. Yeast foods. 233,425; Sept. 27; Serial No. 248,537; published July 19, 1927. Class 46.

W. & W. Pickle and Canning Co., Montgomery, Ala. Pickles, chowchow, and relish. 233,433; Sept. 27; Serial No. 246,563; published July 19, 1927. Class 46.

Wadsworth Howland & Co. Incorporated, Boston, Mass. Paints and enamels. 233,230; Sept. 27; Serial No. 249,451; published July 19, 1927. Class 16.

Wagenseller, Ethel S., Philadelphia, Pa. Paper, rubber, asbestos, and felt washers. 233,279; Sept. 27; Serial No. 249,395; published July 19, 1927. Class 35.

ALPHABETICAL LIST OF REGISTRANTS OF LABELS.

Aeme Metal Goods Manufacturing Co., Newark, N. J. The White Horse Kitchen Set. For Kitchen Utensils Comprising Parers, and Corers, Ball Cutters, Garnishers, and Slicers and Orange Peelers. 32,754; Sept. 27.

Beech-Nut Packing Company, Canajoharie, N. Y. Beech-Nut Biscuit Dainties, Beech-Nut Butter Sweets, and Bakery Goods—Namely, Butter-Sweets Biscuits. 32,755; Sept. 27.

Beech-Nut Packing Company, Canajoharie, N. Y. Beech-Nut Biscuit Dainties, Beech-Nut Scotch Cakes. For Bakery Goods—Namely, Scotch Cakes. 32,756; Sept. 27.

Beech-Nut Packing Company, Canajoharie, N. Y. Beech-Nut Biscuit Dainties, Beech-Nut Chocolate Tea Wafers. For Bakery Goods—Namely, Chocolate Tea Wafers. 32,757; Sept. 27.

Beech-Nut Packing Company, Canajoharie, N. Y. Beech-Nut Biscuit Dainties, Beech-Nut Cream Crackers. For Bakery Goods—Namely, Cream Crackers. 32,758; Sept. 27.

Beech-Nut Packing Company, Canajoharie, N. Y. Beech-Nut Biscuit Dainties, Beech-Nut Vanilla Tea Wafers. For Bakery Goods—Namely, Vanilla Tea Wafers. 32,759; Sept. 27.

Birkett, Ruth H., (Madam Ruth), Wissinoming, Philadelphia, Pa. Madam Ruth's Hair Restorer. For Hair Restorer. 32,760; Sept. 27.

Bode, Hans A., doing business as Royal Hawaiian Laboratories, Honolulu, Hawaii. Pau-Anu. For Medicinal Preparation. 32,761; Sept. 27.

Branca, Fratelli, Milan, Italy. Fernet-Branca. For an Anti-Cholera and Tonic Remedy. 32,762; Sept. 27.

C. G. Spring & Bumper Company, The, Detroit, Mich. On Guard. For Vehicle Bumpers. 32,763; Sept. 27.

Walliser, H. F., Company, Chicago, Ill. Fabric valances. 233,190; Sept. 27; Serial No. 248,538; published July 19, 1927. Class 42.

Wapakoneta Machine Co., The, Wapakoneta, Ohio. High-speed-steel machine knives. 233,284; Sept. 27; Serial No. 249,310; published July 19, 1927. Class 23.

Warwick Mills, West Warwick, R. I., and Boston, Mass. Two-ply cotton-yarn marquisettes. 233,326; Sept. 27; Serial No. 247,765; published July 19, 1927. Class 42.

Watkins, J. R., Company, The, Winona, Minn. Face powder, brown skin powder, cold cream, rouge, etc. 233,286; Sept. 27; Serial No. 249,248; published July 19, 1927. Class 6.

Wayne County Canning Co. Ltd., Marlon, N. Y. Canned fruits and vegetables. 65,541; renewed Oct. 8, 1927.

Wayne County Canning Co. Ltd., Marlon, N. Y. Canned fruits and vegetables. 66,316; renewed Nov. 19, 1927.

Weckerle & Berlinger, Feuerbach, near Stuttgart, Germany. Candles and bouillons. 233,304; Sept. 27; Serial No. 245,673; published July 19, 1927. Class 46.

Weinstein, George J., doing business as George J. Weinstein Co., Cleveland, Ohio. Dental gold. 233,257; Sept. 27; Serial No. 244,965; published July 19, 1927. Class 44.

Wells Glass Company, Kokomo, Ind. Glass tables and counter tops, wainscoting, plate and sheet glass, etc. 233,254; Sept. 27; Serial No. 250,657; published July 19, 1927. Class 33.

Wells & Richardson Company, assignor to Wells & Richardson Company, Incorporated, Burlington, Vt. Dyes. 65,038; renewed Sept. 3, 1927.

Western Coal & Coke Co., Milwaukee, Wis. Coal. 233,446; Sept. 27. Class 1.

Western Laboratories, Inc., Phoenix, Ariz. Insecticide. 233,163; Sept. 27; Serial No. 249,029; published July 19, 1927. Class 6.

Whiteside, Sidney B., College Point, N. Y. Hand lifting devices for carrying ice-cream cans. 233,299; Sept. 27; Serial No. 246,580; published July 19, 1927. Class 23.

Willys-Overland Company, The, Toledo, Ohio. Passenger-carrying automobiles. 233,223-4; Sept. 27; Serial Nos. 249,827-8; published July 19, 1927. Class 19.

Wilson, Louis P., doing business as The Wilson Products Company, Cleveland, Ohio. Tonic pills and tablets. 233,378; Sept. 27; Serial No. 242,036; published July 19, 1927. Class 6.

Wolf Bros., Chicago, Ill. Canned fruits, canned vegetables, etc. 233,471; Sept. 27. Class 46.

Wuest, Adam, Cincinnati, Ohio. Bedding. 233,361; Sept. 27; Serial No. 226,322; published July 19, 1927. Class 32.

Zephyr Washed Air Company, Minneapolis, Minn. Humidifiers, air moistening, air washing, air purifying, air cooling, and air conditioning apparatus. 232,222; Sept. 27; Serial No. 249,829; published July 19, 1927. Class 34.

Zwonechek & Aksamit, to Zwonechek & Aksamit Milling Co., Wilber, Nebr., successor. Wheat flour. 66,695; renewed Dec. 24, 1927.

Zwonechek & Aksamit, to Zwonechek & Aksamit Milling Co., Wilber, Nebr., successor. Wheat flour and corn meal. 66,696; renewed Dec. 24, 1927.

Dunham Manufacturing Co., Brooklyn, N. Y. Dunham's Coconut Macaroons. For Coconut Cakes. 32,764; Sept. 27.

Gelfand Manufacturing Company, The, doing business as Pickle Products Company, Baltimore, Md. Select Brand. For Sweet Relish. 32,765; Sept. 27.

Glassbrooke, Myron D., doing business as Vapoline Products Co., Fresno, Calif. Vapoline. For Cleaner for Lacquer, Enamel, and Duco Finished Surfaces. 32,766; Sept. 27.

Goetz, M. K., Brewing Co., St. Joseph, Mo. Country Club Special. For Cereal Beverage Containing Less Than One-Half of One Per Cent Alcohol. 32,767; Sept. 27.

Hy-Glo-Lac Co., The. (See Schofield, Henry M.)

Ice Cream Smack Products Co., New York, N. Y. Patton's Ice Cream Smack. For Chocolate-Coated Ice Cream. 32,768; Sept. 27.

MacFarlane, D. L., Oakland, Calif. MacFarlane's California Salted Almonds. For Salted Almonds. 32,769; Sept. 27.

Milwaukee Paper Box Co., The, Milwaukee, Wis. Zion Season's Greetings Chocolates. For Candy. 32,770; Sept. 27.

Milwaukee Paper Box Co., The, Milwaukee, Wis. Red Circle Season's Greetings Assorted Chocolates. For Candy. 32,771; Sept. 27.

Milwaukee Paper Box Co., The, Milwaukee, Wis. Red Circle Well Maid Chocolates. For Candy. 32,772; Sept. 27.

Pacific Coast Hops and Malt Company. (See Peters, George V.)

Peters, George V., doing business as Pacific Coast Hops and Malt Company, Baltimore, Md. Pacific Coast Malt. For Pure Barley Malt. 32,773; Sept. 27.

Pickle Products Company. (See Gelfand Manufacturing Company.)

Real Silk Hosiery Mills, Inc., Indianapolis, Ind. Real Silk Lingerie. For Women's Apparel—Namely, Lingerie. 32,774; Sept. 27.

Richards, Dr., Dyspepsia Tablet Association, Norwalk, Conn. Allen's Cod-an-Yeast. For Medicinal Tablets. 32,775; Sept. 27.

Royal Hawaiian Laboratories. (See Bode, Hans A.)

Sawyer Biscuit Company, Chicago, Ill. Sawyer's Honey Flavored Graham Crackers. For Graham Crackers. 32,776; Sept. 27.

Schofield, Henry N., doing business as The Hy-Glo-Lac Co., Kansas City, Mo. Hy-Glo-Lac. For Finishing Lacquer. 32,777; Sept. 27.

Sentz, L. E., Felton, Pa. Blue Goose. For Cigars. 32,778; Sept. 27.

Vapoline Products Co. (See Glassbrooke, Myron D.)

ALPHABETICAL LIST OF REGISTRANTS OF PRINTS.

Cadet Knitting Company, The, Philadelphia, Pa. The New Complete Cadet Van Dyke Foot. For Hosiery. 10,196; Sept. 27.

Dunlap, Harry B., Ames, Iowa. Star Straight Line Power. For Star Automobile. 10,197; Sept. 27.

Friedberger-Aaron Mfg. Co., Philadelphia, Pa. F.A. Quality. For Bias-Fold Tapes, Shoulder Strappings, Lingerie Braids, Military Braids, Elastics, and Garters. 10,198; Sept. 27.

Hollenbach, Charles, Chicago, Ill. Chas. Hollenbach's 314 Roll. For Meat Products. 10,199; Sept. 27.

Hudson Motor Car Company, Detroit, Mich. H. M. C. Purchase Plan. For Automobiles. 10,200; Sept. 27.

Lehn & Fink, Inc., New York, N. Y. Hind's Honey & Almond Cream. For Lotion. 10,201; Sept. 27.

McEwen, Irving, Omaha, Nebr. Hairraide Hair Preparations. For Medicinal Preparations for the Hair and Scalp. 10,202; Sept. 27.

Reid, Murdoch & Co., Chicago, Ill. The Silver Lining. For Catchup and Chili Sauce. 10,203; Sept. 27.

ALPHABETICAL LIST OF TRADE-MARK APPLICANTS.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Abbott Laboratories, doing business as The Sterilac Company, North Chicago, Ill. Publication. 252,453; Sept. 27. Class 38.

Abraham & Straus, Inc., Brooklyn, N. Y. Leather gloves. 239,219; Sept. 27. Class 39.

AKme Flue, Incorporated, Baltimore, Md. Flues for gas ranges. 245,683; Sept. 27. Class 34.

Aldrich Manufacturing Company, Allentown, Pa. Porcelain pump plungers. 252,278; Sept. 27. Class 23.

Alsteel Manufacturing Co., Battle Creek, Mich. Lawn sprinklers. 252,929; Sept. 27. Class 13.

Alumina-Aid Products Company. (See Olsen, Norman D.)

Amorskin Corporation, New York, N. Y. Face cream. 253,221; Sept. 27. Class 6.

Anker-Werke A.-G., The, Bielefeld, Germany. Cash registers and tabulating machines and parts thereof. 246,809; Sept. 27. Class 26.

Armor Plate Engineering Co., Detroit, Mich. Bank inclosures and cages and parts thereof. 235,721; Sept. 27. Class 12.

Armstrong Cork Company, Lancaster, Pa. Unsaturated felt known as builder's felt. 251,315; Sept. 27. Class 12.

Automatic Nut-Thread Corporation, Buffalo, N. Y. Nut-making machines. 230,001; Sept. 27. Class 23.

Badner, David, doing business as Parfumerie Davette, Baltimore, Md. Cold cream, vanishing cream, mentholated vanishing cream, etc. 253,262; Sept. 27. Class 6.

Baeder Adamson Company, Boston, Mass. Fish isinglass. 235,677; Sept. 27. Class 1.

Barnes Drill Co., Rockford, Ill. Drilling machines. 228,590; Sept. 27. Class 23.

Bedell Company, The, New York, N. Y. Ladies' wearing apparel. 241,805; Sept. 27. Class 39.

Bell, Robert B. H., Denver, Colo. Ice cream. 253,529; Sept. 27. Class 46.

Bender-Zimmer Company, Milwaukee, Wis. Bathing suits, scarfs, hosiery, etc. 235,635; Sept. 27. Class 39.

Bernhard, Arthur L., Huntington Station, N. Y. Cold tablets. 248,083; Sept. 27. Class 6.

Blizzell, Jesse O., Clinton, N. C. Medicinal preparation. 253,566; Sept. 27. Class 6.

Black Products Company, Chicago, Ill. Clay targets. 252,305; Sept. 27. Class 22.

Blomberg, Axel, Sallings, Sweden. Radioactive cloth, textile fabric, carpets, and compresses. 248,277; Sept. 27. Class 44.

Bonwit Teller & Co., New York, N. Y. Dresses, coats, and suits. 252,757; Sept. 27. Class 29.

Boone, Herbert, New York, N. Y. Hairdressing compound. 244,813; Sept. 27. Class 6.

Borden & Remington Co., Fall River, Mass. Paints, varnishes, stains, and paint enamels. 252,584; Sept. 27. Class 16.

Bramble, Miles E., doing business as Liddle Products Company, Olean, N. Y. Mayonnaise, and sandwich mixture containing eggs, nuts, vegetables, etc. 243,194; Sept. 27. Class 46.

Brillo Manufacturing Company, Brooklyn, N. Y. Soaps, cleaning, scouring, and polishing wads, pads, etc. 252,461; Sept. 27. Class 4.

Brown Shoe Company, Inc., St. Louis, Mo. Shoes. 252,939-40; Sept. 27. Class 39.

Bunnell, Edwin, doing business as Mileded Lamb Co., Willows, Calif. Live lambs. 250,435; Sept. 27. Class 46.

Butterfield, Fred, & Co., Inc., New York, N. Y. Wool, cotton, silk, rayon, and linen fabrics or combinations thereof. 253,007; Sept. 27. Class 42.

California Bottling Company, Inc., Washington, D. C. Beverages sold as soft drinks. 251,121; Sept. 27. Class 45.

Cameron, Wm., & Co., Inc., Waco, Tex. Portable laundry appliances. 249,837; Sept. 27. Class 24.

Carson Specialty Company, The, Oklahoma City, Okla. Pop-corn confections. 252,501; Sept. 27. Class 46.

Chilton Class Journal Company, Philadelphia, Pa. Publication. 251,026; Sept. 27. Class 38.

Claremont Citrus Association, Claremont, Calif. Fresh citrus fruits. 253,575-6; Sept. 27. Class 46.

Clarks Products Inc., Binghamton, N. Y. Face creams. 248,157; Sept. 27. Class 6.

Commercial Cycle Mfg. Co. (See Steinberg, Israel.)

Compound Chemical Company. (See Nangle, John S.)

Continental Baking Company, Wilmington, Del., and New York, N. Y. Cake. 250,680; Sept. 27. Class 46.

Continental Chemical Corporation of Illinois, Watseka, Ill. Liquid for killing insects. 253,741; Sept. 27. Class 6.

Counts, Noah T., Cocon, Fla. Medicinal preparation. 252,316; Sept. 27. Class 6.

Cooper, Wells & Co., St. Joseph, Mich. Hosiery. 247,126; Sept. 27. Class 39.

Crampyne Co. (See Mosher, Beulah L.)

Dautrich, Fred L., Tacoma, Wash. Stringed musical instruments. 237,017; Sept. 27. Class 36.

Dedmon, Hanson H., doing business as Standard Holder Company, Oakland, Calif. Card-display receptacle for automobiles. 252,592; Sept. 27. Class 19.

De Sylva, Brown & Henderson, Inc., New York, N. Y. Sheet music and musical publications. 249,408; Sept. 27. Class 38.

Diamond Sand Company, Lake Wales, Fla. Concrete sand. 213,491; Sept. 27. Class 1.

Dictaphone Corporation, Bridgeport, Conn. Memorandum pads. 251,893; Sept. 27. Class 37.

Dubarry Perfumery Co., Limited, The, Hove, England. Preparation for whitening and softening the hands, cuticle solvent, cuticle cream, etc. 251,180; Sept. 27. Class 6.

Dymisia, Jos. G., Co., Braddock, Pa. Dill, sour, sweet, and sweet mixed pickles, sweet relish, etc. 252,946; Sept. 27. Class 46.

Eagle Wash Sult Co., Inc., New York, N. Y. Wash suits. 253,016; Sept. 27. Class 39.

Eastman Kodak Company, Rochester, N. Y. Cameras, camera carrying cases, and shutters. 253,643; Sept. 27. Class 26.

Edwards, Perc., doing business as Industrial Refining Company, New York, N. Y. Preparation for the purpose of preventing the formation of rust and corrosion in the metal parts of automobile cooling systems, etc. 252,594; Sept. 27. Class 6.

F. A. Bohm Akt.-Ges., Untersachsenberg, Germany. Mouth harmonicas, accordions, and parts thereof, and strings for violins, mandolins, etc. 244,389; Sept. 27. Class 38.

Fairclough & Gold Inc., Boston, Mass. Marquisette, case-mint cloth, and gauze. 252,766; Sept. 27. Class 42.

Farrington Manufacturing Company, Jamaica Plain, Mass. Doorstops. 253,647; Sept. 27. Class 13.

Feldbaum and Silverman, New York, N. Y. Mink fur coats, etc. 251,551; Sept. 27. Class 39.

Feldbaum and Silverman, New York, N. Y. Fur coats and fur scarfs. 251,552; Sept. 27. Class 39.
 Fevre & Cie., Paris, France. Uncut rock and marble. 252,697; Sept. 27. Class 1.
 Finch, Van Slyck & McConville, St. Paul, Minn. Women's hosiery. 252,951-2; Sept. 27. Class 39.
 Finnish Co-Operative Trading Association Inc., Brooklyn, N. Y. Rolls, cakes, biscuits, etc. 252,373; Sept. 27. Class 46.
 Florin, John R., Company, St. Louis, Mo. Fresh, stuffed, and candied dates. 239,401; Sept. 27. Class 46.
 Fitzer Company, The, Duluth, Minn. Malt cereal beverage. 237,069; Sept. 27. Class 48.
 Florida Packers Corporation, The, Chipley, Fla. Canned fruits and canned vegetables and honey, canned berries. 250,688; Sept. 27. Class 46.
 Florin, Philip, New York, N. Y. Card cases. 253,412; Sept. 27. Class 3.
 Forstmann & Hufmann Company, Passaic, N. J. Woolen piece goods. 253,796-8; Sept. 27. Class 42.
 Frankel, Arthur, doing business as Arthur Frankel Company, Long Island City, N. Y. Boys' suits and girls' dresses. 252,699; Sept. 27. Class 39.
 Fratelli Ramazzotti, Società Anonima, Milan, Italy. Tonics and remedies. 228,101; Sept. 27. Class 6.
 Frontier Products Corporation. (See Wilson, Paul D., assignor.)
 Garbutt, Frank A., Los Angeles, Calif. China cleaner. 252,955; Sept. 27. Class 4.
 Gardelle Co. of Philadelphia. (See Gardelle, Carlton.)
 Gardelle, Carlton, doing business as Gardelle Co. of Philadelphia, Philadelphia, Pa. Artists' paints. 252,700; Sept. 27. Class 16.
 General Fireproofing Company, The, Youngstown, Ohio. Card-index systems. 252,769; Sept. 27. Class 37.
 Gilmont Products Corporation, New York, N. Y. Soaps in liquid, cake, stick, cream, and/or powder form. 253,090; Sept. 27. Class 4.
 Glatzer, Frances, New York, N. Y. Liquid cold-cream remover. 252,902; Sept. 27. Class 6.
 Goodman, Cohen & Co., New York, N. Y. Shirts. 248,405; Sept. 27. Class 39.
 Grady-Travers Company, The, New York, N. Y. Cordage. 253,417; Sept. 27. Class 7.
 Graton & Knight Company, Worcester, Mass. Sole leather. 247,951; Sept. 27. Class 1.
 Graves & Meade & Baker Company, New York, N. Y. Mouth wash. 252,200; Sept. 27. Class 6.
 Great American Tea Co., The, New York, N. Y. Waterless cooker. 252,378; Sept. 27. Class 13.
 Green-Haas-Schwartz Company, The, Cleveland, Ohio. Knitted sweaters and jackets. 251,750; Sept. 27. Class 39.
 Griggs, Cooper & Company, St. Paul, Minn. Hops. 252,430; Sept. 27. Class 1.
 Haas Brothers Fabrics Corporation, New York, N. Y. Piece goods made of silk, cotton, and wool. 253,884-5; Sept. 27. Class 42.
 Hess Brothers, Allentown, Pa. Women's sanitary napkins. 243,548; Sept. 27. Class 44.
 Hillyard Chemical Company, St. Joseph, Mo. Disinfectant. 253,373; Sept. 27. Class 6.
 Hollingsworth & Vose Company, Boston, Mass. Paper in sheets or rolls suitable for folders, envelopes, etc. 251,968; Sept. 27. Class 37.
 Holmes, Terhune, Crossman, Inc., Lewiston, Me., and Boston, Mass. Boots and shoes. 252,043; Sept. 27. Class 39.
 Hooper, Wm. E., & Sons Co., Woodberry, Baltimore, Md. Cotton rope, sash cord, wrapping cord, etc. 252,386; Sept. 27. Class 7.
 Hopkins, H. H., Company, Chicago, Ill. Felt for sound deadening and heat insulating. 252,510; Sept. 27. Class 12.
 Hunt, Robert W., Co., Chicago, Ill. Bridge timbers and piles, etc. 252,711; Sept. 27. Class 12.
 Independent Coal Tar Company, Boston, Mass. Insecticide. 253,472; Sept. 27. Class 6.
 Industrial Refining Company. (See Edwards, Perc.)
 International Cement Corporation, New York, N. Y. Portland cement. 249,972; Sept. 27. Class 12.
 Iodent Chemical Company, Detroit, Mich. Tooth paste. 236,489-90; Sept. 27. Class 6.
 Kimball, C. M., Company, Winthrop, Mass. Window wash. 251,908; Sept. 27. Class 4.
 Kitchenaid Manufacturing Company, The, Troy, Ohio. Soup strainers. 252,332; Sept. 27. Class 13.
 Klobner, I. B., Rubber Company, New York, N. Y. Dress shields. 253,600; Sept. 27. Class 40.
 Kops Bros., Inc., New York, N. Y. Elastic webbing. 253,190; Sept. 27. Class 42.
 Kops Bros., Inc., New York, N. Y. Corsets, brassieres, girdles, and underwear. 253,606-7; Sept. 27. Class 39.
 Krusius, Hulda, doing business as Krusius Brothers; Hulda Krusius, executrix of the estate of Ewald Krusius, deceased, Weehawken, N. J., assignor to Henry Krusius. Knives, razors, and scissors. 251,759; Sept. 27. Class 23.
 Liddle Products Company. (See Bramlee, Miles E.)

Laughlin Filter Corporation, New York, N. Y. Centrifugal filtering machines. 250,244; Sept. 27. Class 23.
 Lee Brothers (Overwear) Ltd., London, England. Motor robes. 250,754; Sept. 27. Class 42.
 Lehigh Silk Hosiery Mills, Inc., New York, N. Y. Hosiery. 252,849; Sept. 27. Class 39.
 Lieber, Leo, & Co., Philadelphia, Pa. Candies. 248,641; Sept. 27. Class 46.
 Lincoln Manufacturing Company, Connorsville, Ind. Auxiliary transmissions for automobiles. 251,060; Sept. 27. Class 23.
 Lish Bros., New York, N. Y. Ladies' hats. 252,103; Sept. 27. Class 39.
 Livermeal Corporation, Wilmington, Del., and New York, N. Y. Tonic. 253,331; Sept. 27. Class 6.
 Long Island Packing Co., Brooklyn, N. Y. Peanut butter. 252,908; Sept. 27. Class 46.
 Loose-Wiles Biscuit Company, Kansas City, Mo. Fig bars. 253,379; Sept. 27. Class 46.
 Loose-Wiles Biscuit Company, Long Island City, N. Y. Biscuit. 253,380; Sept. 27. Class 46.
 MacLean-Fogg Lock Nut Company, Chicago, Ill. Nuts for bolts and other threaded members. 252,852; Sept. 27. Class 13.
 Mandel & Cohen, New York, N. Y. Knitted underwear for women and children. 246,422; Sept. 27. Class 39.
 Mandel & Cohen, New York, N. Y. Knitted underwear. 247,193; Sept. 27. Class 39.
 Marshak Maltinolak Co., Inc., New York, N. Y. Food product. 213,448; Sept. 27. Class 46.
 Marshall Field & Company, Chicago, Ill. Dresses. 252,698; Sept. 27. Class 39.
 Maurice Mills Company, Thomasville, N. C. Hosiery. 251,353; Sept. 27. Class 39.
 McCrory Stores Corporation, Wilmington, Del., and New York, N. Y. Brushing lacquer. 253,158; Sept. 27. Class 16.
 Mester, Robert H., St. Louis, Mo. Rubber desk-leg protectors. 251,355; Sept. 27. Class 50.
 Methudy Enamel Range Co., East St. Louis, Ill. Gas stoves and ranges. 253,193; Sept. 27. Class 34.
 Metz Packing Company, The, Concordia, Kans. Eggs and dressed poultry. 252,610; Sept. 27. Class 46.
 Michigan Book Binding Company, The, Detroit, Mich. Brief cases and portfolios. 253,424; Sept. 27. Class 3.
 Milfed Lamb Co. (See Bunnell, Edwin.)
 Miles, Lester H., Los Angeles, Calif. Audible sirens, alarms, and signals. 247,554; Sept. 27. Class 23.
 Miles, Lester H., Los Angeles, Calif. Audible sirens, alarms, and signals. 251,232; Sept. 27. Class 23.
 Miller, I., & Sons, Inc., Long Island City, N. Y. Shoes and overshoes. 253,194-5; Sept. 27. Class 39.
 Miller Rubber Company, The, Akron, Ohio. Water bottles. 252,563; Sept. 27. Class 44.
 Mitchell, Allen R., & Son, Philadelphia, Pa. Woolen and worsted goods and combinations thereof. 252,106; Sept. 27. Class 42.
 Mortgage Guarantee Company of America, Atlanta, Ga. Negotiable instruments. 249,916; Sept. 27. Class 38.
 Morton, C. & E., Limited, London, England. Tinned preserved fruits. 253,544; Sept. 27. Class 46.
 Mosher, Boulah L., doing business as Crampye Co., St. Louis, Mo. Medical compound for use in relieving painful menstruation, uterine irritation, abdominal cramps, etc. 250,031; Sept. 27. Class 6.
 Naef, M., & Co., Geneva, Switzerland. Artificial and Synthetic perfumes and essential oils for the production of perfumes. 242,605-6; Sept. 27. Class 6.
 Naef, M., & Co., Geneva, Switzerland. Artificial and synthetic perfumes and essential oils for the production of perfumes. 253,478; Sept. 27. Class 6.
 Nangle, John S., doing business as Compound Chemical Company, Baltimore, Md. Powdered chemical. 253,036; Sept. 27. Class 6.
 National Gypsum Company, Buffalo, N. Y. Plaster, gypsum, lime, etc. 252,660; Sept. 27. Class 12.
 National Tile Company, The, Anderson, Ind. Tiles for interior use. 242,607; Sept. 27. Class 12.
 Newton, George F., Auburn, R. I. Automatic fire-extinguishing sprinklers. 250,132; Sept. 27. Class 23.
 Noplin Ditty Co., Inc., Atlantic City, N. J. Textile diapers. 193,615; Sept. 27. Class 42.
 Norda Essential Oil & Chemical Co., Inc., New York, N. Y. Face powders and creams, rouges, perfumes, etc. 253,655; Sept. 27. Class 6.
 Northwest Lead Company, Seattle, Wash. Lead products. 246,844; Sept. 27. Class 14.
 Northwest Lead Company, Seattle, Wash. Lead products. 251,979; Sept. 27. Class 13.
 Northwestern Cooperage & Lumber Company, The, Gladstone, Mich. Plywood shipping cases. 253,510; Sept. 27. Class 2.
 Ohio Metal Utensil Company, The, Greenwich, Ohio. Cooking utensils. 245,802; Sept. 27. Class 13.
 Olsen, Norman D., doing business as Alumin-Aid Products Company, Chicago, Ill. Cleaners and polishers for kitchen utensils made of aluminum and the like. 250,815; Sept. 27. Class 4.
 Ohio Valley Coffee Co., The, Portsmouth, Ohio. Rice. 253,546; Sept. 27. Class 46.

Pacific Mills, Lawrence and Boston, Mass. Cotton piece goods. 252,165; Sept. 27. Class 42.
 Parfumerie Davette. (See Badner, David.)
 Parfumerie Davette, Inc., New York, N. Y. Perfumes. 253,108; Sept. 27. Class 6.
 Patek Brothers, Inc., Milwaukee, Wis. Varnish. 252,786; Sept. 27. Class 16.
 Patek Brothers, Inc., Milwaukee, Wis. Paint. 252,789; Sept. 27. Class 16.
 Payne Syndicate, Inc., New York, N. Y. Newspaper section. 252,977; Sept. 27. Class 38.
 Pi-Kone Co., St. Paul, Minn. Edible ice-cream containers. 201,410; Sept. 27. Class 46.
 Plumbers Trade Journal Publishing Company, The, New York, N. Y. Magazine. 252,288; Sept. 27. Class 38.
 Premier Mill Corporation, Geneva, N. Y. Colloid mills. 249,291; Sept. 27. Class 33.
 Publishers' Fiscal Corp., New York, N. Y. Publication. 252,109; Sept. 27. Class 38.
 Pyroclento Company, The, Baltimore, Md. Tooth paste and a liquid antiseptic. 251,929; Sept. 27. Class 6.
 Quincy Market Cold Storage & Warehouse Co., Boston, Mass. Eggs. 252,790; Sept. 27. Class 46.
 Ready Apron Company, Chicago, Ill. Sanitary rubber-coated aprons. 243,726; Sept. 27. Class 44.
 Red Sun Products Co., Chicago, Ill. Malt sirup for food purposes. 232,353; Sept. 27. Class 46.
 Revere, Paul, Mfg. Co., Baltimore, Md. Wash suits and middle blouses for boys and girls. 250,861; Sept. 27. Class 59.
 Richardson Dry Goods Co., St. Joseph, Mo. Shirts made of cotton, wool, and silk. 252,730; Sept. 27. Class 39.
 Richman, N. J., Co., New York, N. Y. Table linens embroidered by hand in Spain. 251,930; Sept. 27. Class 42.
 Robertson, J. A., & Sons (Dumfries) Limited, Dumfries, Scotland. Articles of clothing for men, women, and children. 252,111; Sept. 27. Class 39.
 Roberts-Wicks Company, Utica, N. Y. Overcoats, raincoats, storm coats, suits, etc. 234,738; Sept. 27. Class 39.
 Rozycki, Zygmunt, Seattle, Wash. Doughnuts. 252,568; Sept. 27. Class 46.
 Rumi Brothers of New York, Inc., New York, N. Y. Wheat flour. 242,395; Sept. 27. Class 46.
 Runci, Joseph, doing business as Joseph Runci & Sons Co., Roxbury, Mass. Hair tonic. 253,665; Sept. 27. Class 6.
 Rush, W. S., & Co., Los Angeles, Calif. Adjustable emergency brake shoes for Fords. 241,443; Sept. 27. Class 19.
 Ryan, William J., doing business as Ryber Manufacturing Co., Indianapolis, Ind. Building partitions and parts thereof. 252,393; Sept. 27. Class 12.
 Sandvikens Jernverks Aktiebolag, Sandviken, Sweden. Saws, handied and not handied pliers, files, etc. 253,631; Sept. 27. Class 23.
 Schiff, Benjamin A., Chicago, Ill. Lamps. 252,622; Sept. 27. Class 34.
 Schmidt, Julius, Inc., New York, N. Y. Astringents, astringent cereates, bleach creams, etc. 253,392; Sept. 27. Class 6.
 Scoff, Elias M., Boston, Mass. Salad or cooking oil. 249,197; Sept. 27. Class 46.
 Scott, Rufus W., Company, New York, N. Y. Stockings. 252,170; Sept. 27. Class 39.
 Schroth, J. & E., Packing Company, The, Cincinnati, Ohio. Sausages, and imitation sausages, chile con carne, dry salted meats, etc. 227,600; Sept. 27. Class 46.
 Schumacher Wall Board Corporation, Wilmington, Del., Seattle, Wash., and Los Angeles, Calif. Plaster board. 252,527; Sept. 27. Class 12.
 Serra Products Co. (See Tarpley, Frank C.)
 Service Grocer Company, Inc., Detroit, Mich. Lye, salt, chloride of lime, etc. 251,869; Sept. 27. Class 6.
 Simon, Alfred L., & Company, New York, N. Y. Automobile bodies, vehicle bodies, and automobiles. 250,196; Sept. 27. Class 19.
 Simon, Alfred L., & Company, New York, N. Y. Wall fixtures for gas lighting, ceiling fixtures for gas lighting, metallic lamp shades, etc. 250,204; Sept. 27. Class 34.
 Simon, Alfred L., & Company, New York, N. Y. Leather substitutes. 250,206; Sept. 27. Class 50.
 Singer Manufacturing Company, The, Elizabeth, N. J., and New York, N. Y. Sewing-machine needles. 252,171; Sept. 27. Class 23.

Shaffer Pharmacal Company, Philadelphia, Pa. Medicinal preparations. 250,944; Sept. 27. Class 6.
 Smith, Henry, Adelphi, London, England. Shock absorbers of ordinary metal for use upon vehicles. 239,202; Sept. 27. Class 18.
 Smith, Wm. J., Music Co. Inc., New York, N. Y. Musical publications. 248,133-5; Sept. 27. Class 38.
 Spilly Spuds Company, The, Bennington, Vt. Jullenne potatoes. 252,115; Sept. 27. Class 46.
 Standard Holder Company. (See Dedmon, Hanson H.)
 Standard Oil Company, Whiting, Ind., and Chicago, Ill. Insecticides. 252,624; Sept. 27. Class 6.
 Standard Oil Company, Whiting, Ind., and Chicago, Ill. Polish or gloss for cleaning and polishing automobile bodies and the like. 252,625; Sept. 27. Class 16.
 Steinberg, Israel, doing business as Commercial Cycle Mfg. Co., Chicago, Ill. Two-wheeled vehicles commonly known as bicycles. 247,873; Sept. 27. Class 19.
 Sterlac Company, The. (See Abbott Laboratories.)
 Stevens, Chas. A., & Bros., Chicago, Ill. Glasses and glass liquor sets, bowls, candy dishes, etc. 251,579; Sept. 27. Class 33.
 Strauss, Ulrika, Brooklyn, N. Y. Powder for making soft drinks. 251,797; Sept. 27. Class 45.
 Studebaker Company, The, South Bend, Ind. Automobiles. 253,051; Sept. 27. Class 19.
 Sunical Packing Company, San Francisco, Calif. Canned and dried fruits and dried vegetables, canned tomatoes, etc. 252,227-9; Sept. 27. Class 46.
 Tarpley, Frank C., doing business as Serra Products Co., Los Angeles, Calif. Automobile top dressing. 251,874; Sept. 27. Class 4.
 Tyler Manufacturing Co., The, Muncie, Ind. Combined scraper and cleaner for pots, pans, and the like. 251,285; Sept. 27. Class 23.
 Uniform Products Company, Lancaster, Pa. Fertilizers. 251,289; Sept. 27. Class 10.
 U. S. Sanitary Specialties Corporation, Chicago, Ill. Deodorants and disinfectants. 253,341; Sept. 27. Class 6.
 U. S. Sanitary Specialties Corporation, Chicago, Ill. Disinfectant, germicide, and deodorant. 253,342; Sept. 27. Class 6.
 Utility Manufacturing Company, Inc., Baltimore, Md. Double-faucet soap dishes. 253,053; Sept. 27. Class 13.
 Valentine & Company, New York, N. Y. Liquid polish and cleaner for automobiles, furniture, etc. 252,174; Sept. 27. Class 16.
 Vanadium-Alloys Steel Company, Latrobe, Pa. High-speed steels, alloy steels, and carbon tool steels. 250,108; Sept. 27. Class 14.
 Virginia-Carolina Chemical Corporation, Richmond, Va. Fertilizers. 253,062-4; Sept. 27. Class 10.
 Virginia-Carolina Chemical Corporation, Richmond, Va. Fertilizers. 253,066-7; Sept. 27. Class 10.
 Virginia-Carolina Chemical Corporation, Richmond, Va. Fertilizers. 253,250-1; Sept. 27. Class 10.
 Wachusett Shirt Company, Leominster, Mass. Shirts and collars. 251,523; Sept. 27. Class 39.
 Waterman, L. E., Company, New York, N. Y. Fountain pens. 250,275; Sept. 27. Class 37.
 Waterman, L. E., Company, New York, N. Y. Fountain pens. 250,277; Sept. 27. Class 37.
 Wehberg Brothers, Inc., New York, N. Y. Metal flower vases, napkin rings, and salt and pepper shakers. 252,923; Sept. 27. Class 13.
 Wenatchee Packing Corporation, Wenatchee and Seattle, Wash. Canned fruits. 253,612; Sept. 27. Class 46.
 West Cleveland Trim Company, The, Cleveland, Ohio. Interior trim. 252,450; Sept. 27. Class 12.
 White & Hodges, Everett, Mass. Oils for treating leather. 252,804; Sept. 27. Class 4.
 White, S. S., Dental Manufacturing Company, The, Philadelphia, Pa. Dental engines, lathes, and parts thereof, hand pieces, etc. 248,070; Sept. 27. Class 44.
 Wiechert, George A., Co., Inc., New York, N. Y. Dental plates. 238,932; Sept. 27. Class 44.
 Wilson Fastener Company, The, Cleveland, Ohio. Hairpins. 246,794; Sept. 27. Class 40.
 Wilson, Paul D., Buffalo, N. Y., assignor to Frontier Products Corporation, North Tonawanda, N. Y. Preparation of malt chocolate in powdered form for making food beverages. 250,880; Sept. 27. Class 46.
 World's Dispensary Medical Association, Buffalo, N. Y. General tonic. 247,583-4; Sept. 27. Class 6.
 York Heating & Ventilating Corporation, Bridgeport, and Philadelphia, Pa. Heat-diffusing units. 250,588; Sept. 27. Class 34.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED.

CLASS 1.

Coal. Maryland New River Coal Company. 233,454; Sept. 27.
Coal. Western Coal & Coke Co. 233,446; Sept. 27.

CLASS 2.

Bottles, Vacuum. Guth, Stern & Co. 233,210; Sept. 27; Serial No. 249,475; published July 19, 1927.
Boxes, Packing. David M. Lea & Company. 233,153; Sept. 27; Serial No. 249,130; published July 19, 1927.
Cans or receptacles, Sanitary refuse. Enterprise Tinware Co. Inc. 233,202; Sept. 27; Serial No. 249,164; published July 19, 1927.
Containers, Folding paper. A. J. Tanner. 233,178; Sept. 27; Serial No. 248,735; published July 19, 1927.
Pails. Steel paint. Niles Steel Products Company. 233,456; Sept. 27.

CLASS 3.

Bags and purses, Hand. Artistic Bag Corp. 233,478; Sept. 27.
Bags, Ladies' hand. Strand Hand Bag Co. 233,194; Sept. 27; Serial No. 249,682; published July 19, 1927.
Bags, Leather, hand, money, change, and travelling. Bedell Company. 233,275; Sept. 27; Serial No. 241,806; published July 19, 1927.

CLASS 4.

Paper and cloth coated with adhesive material. Herman Behr & Co. 67,283; renewed Jan. 28, 1928.

CLASS 5.

Adhesive fluid, Compound. A. G. Penman. 233,258-9; Sept. 27; Serial Nos. 244,786-7; published July 19, 1927.
Glue. Buffalo Specialty Company. 64,844; renewed Aug. 27, 1927.

CLASS 6.

Aromatic synthetic liquid base for use in violet perfumes. Haarmann de Laire Schaefer Co. 66,217; renewed Nov. 19, 1927.
Baking powder. C. M. Prarie. 233,208; Sept. 27; Serial No. 249,488; published July 19, 1927.
Chemical preparation. Puritan Chemical Company. 233,200; Sept. 27; Serial No. 249,603; published July 19, 1927.
Chemical substances for sanitary purposes. Gar Light & Coke Company. 30,457; renewed Aug. 3, 1927.
Coal derivatives. Gas Light & Coke Company. 30,440; renewed July 27, 1927.
Compound for the treatment of rheumatism, etc. H. Z. Kroser. 233,434; Sept. 27; Serial No. 249,480; published July 19, 1927.
Compound used as a vulcanization accelerator in the curing of rubber articles. Rubber Service Laboratories Company. 233,437; Sept. 27; Serial No. 250,143; published July 19, 1927.
Compounds, Fumigating. California Cyanide Company. 233,443-5; Sept. 27; Serial Nos. 250,598-600; published July 19, 1927.
Cosmetics. Marcia, Inc. 233,343; Sept. 27; Serial No. 231,115; published July 19, 1927.
Creams, perfumes, and hair tonics. Facial. B. Harrington. 233,354; Sept. 27; Serial No. 245,555; published July 19, 1927.
Disinfectant, cleanser, deodorant, and bleach. Liquid. Safety Fumigant Company. 233,413; Sept. 27; Serial No. 250,098; published July 19, 1927.
Dyes. Rainbow Dye Company. 64,116; renewed July 23, 1927.
Dyes. Wells & Richardson Company. 65,038; renewed Sept. 3, 1927.
Dyestuffs. General Dyestuff Corporation. 233,154; Sept. 27; Serial No. 249,116; published July 19, 1927.
Fertilizers. Uniform Products Company. 233,255-6; Sept. 27; Serial Nos. 250,581-2; published July 19, 1927.
Hair restorer. G. N. Field. 233,424; Sept. 27; Serial No. 248,892; published July 19, 1927.
Incense. S. Korn. 233,355; Sept. 27; Serial No. 245,442; published July 19, 1927.
Insecticide. Western Laboratories, Inc. 233,163; Sept. 27; Serial No. 249,029; published July 19, 1927.
Insecticide, Agricultural. Nitrate Agencies Company. 233,440; Sept. 27; Serial No. 250,562; published July 19, 1927.
Insecticides. Uniform Products Company. 233,441; Sept. 27; Serial No. 250,580; published July 19, 1927.
Insecticides. Uniform Products Company. 233,442; Sept. 27; Serial No. 250,583; published July 19, 1927.
Laxatives. Remedy Products, Inc. 233,232; Sept. 27; Serial No. 249,440; published July 19, 1927.
Liniment. S. Kramer. 233,285; Sept. 27; Serial No. 249,277; published July 19, 1927.
Medicinal compound. Mrs. M. C. Shepherd. 233,329; Sept. 27; Serial No. 247,643; published July 19, 1927.
Medicinal preparation. G. A. Fairly. 233,369; Sept. 27; Serial No. 234,386; published July 19, 1927.

Medicinal preparations. P. L. Mavrelis. 233,417; Sept. 27; Serial No. 249,359; published July 19, 1927.
Medicinal wines. H. Stein. 63,653; renewed July 2, 1927.
Medicine. "Lil" Products Co. 233,159; Sept. 27; Serial No. 249,067; published July 19, 1927.
Medicine. Geo. H. Lee Co. 233,221; Sept. 27; Serial No. 249,856; published July 19, 1927.
Medicine. Eli Lilly & Company. 233,455; Sept. 27.
Medicine for fowls. I. D. Russell. 233,231; Sept. 27; Serial No. 249,444; published July 19, 1927.
Medicine, Lung, throat, and bronchial. Baker Drug Company. 233,395; Sept. 27; Serial No. 250,429; published July 19, 1927.
Medicines. McKesson & Robbins. 64,144; renewed July 23, 1927.
Medicines. McKesson & Robbins. 64,636; renewed Aug. 13, 1927.
Moth preventives, insecticides, and vermin exterminators. Ratlin Laboratory, Inc. 233,351; Sept. 27; Serial No. 254,863; published July 19, 1927.
Mouth wash and tooth paste. G. B. Clement. 233,169; Sept. 27; Serial No. 248,953; published July 19, 1927.
Narcotics. I. G. Furhenindustrie Aktiengesellschaft. 233,204; Sept. 27; Serial No. 249,580; published July 19, 1927.
Ointment. Central West Laboratories. 233,228; Sept. 27; Serial No. 249,704; published July 19, 1927.
Ointment. W. Saunders. 233,164; Sept. 27; Serial No. 248,977; published July 19, 1927.
Perfume, sachets, face powder, etc. Fuller and Fuller. 233,229; Sept. 27; Serial No. 248,095; published July 19, 1927.
Perfume, toilet water, and face powder. Chanel, Inc. 233,406-7; Sept. 27; Serial Nos. 250,162-3; published July 19, 1927.
Perfume, toilet water, face powder, and sachet. Bourjois, Inc. 233,330; Sept. 27; Serial No. 247,594; published July 19, 1927.
Perfumes and toilet preparations. L. Lelong. 233,367; Sept. 27; Serial No. 230,178; published July 19, 1927.
Perfumes, lotions, toilet waters, creams, etc. Gabilla, Incorporated. 233,414; Sept. 27; Serial No. 249,114; published July 19, 1927.
Perfumes, lotions, toilet waters, etc. Gabilla, Incorporated. 233,155; Sept. 27; Serial No. 249,115; published July 19, 1927.
Perfumes, toilet waters, astringent lotions, etc. L. Lelong. 233,371; Sept. 27; Serial No. 238,379; published July 19, 1927.
Perfumes, toilet waters, brilliantine, etc. Oriza L. LeGrand, Inc. 233,402; Sept. 27; Serial No. 250,245; published July 19, 1927.
Perfumery. J. A. Johnson. 233,367; Sept. 27; Serial No. 174,364; published July 19, 1927.
Pills and tablets, Tonic. L. P. Wilson. 233,373; Sept. 27; Serial No. 242,036; published July 19, 1927.
Plaster, liniment, and cough medicine. Healding. M. T. Onstrand. 233,295; Sept. 27; Serial No. 246,704; published July 19, 1927.
Powder, brown-skin powder, cold cream, rouge, etc., Face. J. R. Watkins Company. 233,286; Sept. 27; Serial No. 249,248; published July 19, 1927.
Powder for horse, cattle, sheep and swine. Condition. G. C. Hanford Mfg. Co. 66,904; renewed Jan. 7, 1928.
Preparation for indigestion and stomach trouble. P. J. Sherman. 233,416; Sept. 27; Serial No. 249,240; published July 19, 1927.
Preparation to prevent and destroy moth. Comer Manufacturing Company. 233,353; Sept. 27; Serial No. 247,263; published July 19, 1927.
Preparation used for the treatment of falling hair, etc. J. C. Thompson. 233,198; Sept. 27; Serial No. 249,616; published July 19, 1927.
Preparations for coagulating or curdling milk. J. D. Frederiksen. 30,916; renewed Nov. 30, 1927.
Preparations for the treatment and relief of burns, scalds, wounds, etc. Pteroleine Products Co. 233,418; Sept. 27; Serial No. 248,591; published July 19, 1927.
Remedies, Headache. Neuralkaline Company. 66,274; renewed Nov. 19, 1927.
Remedy for coughs and colds. Home. Mathieu & Smith. 233,261; Sept. 27; Serial No. 244,620; published July 19, 1927.
Remedy for epilepsy. Dr. W. Towns Medical Company. 66,639; renewed Dec. 17, 1927.
Rouge, face rouge, face powder, etc., Lip. Spooner Inc. 233,477; Sept. 27.
Spray. Plant. McLaughlin-Gormley-King Company. 233,392; Sept. 27; Serial No. 250,408; published July 19, 1927.
Toilet preparation. Terre Haute Extract & Chemical Co. 63,788; renewed July 9, 1927.
Toilet preparations. W. Kleff. 233,352; Sept. 27; Serial No. 245,726; published July 19, 1927.
Toilet water. Keck Company. 233,377; Sept. 27; Serial No. 250,547; published July 19, 1927.
Tonic and hairdressing, Hair. Amendola Brothers, Inc. 233,337; Sept. 27; Serial No. 248,870; published July 19, 1927.

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Tonic and hairdressing, Hair. Queen Lilo Hair Tonic Co. 233,436; Sept. 27; Serial No. 249,866; published July 19, 1927.
Tonic, General. Iceland Medicine Company. 233,435; Sept. 27; Serial No. 249,727; published July 19, 1927.
Tonic, Hair. C. E. Cochenour. 233,350; Sept. 27; Serial No. 247,410; published July 19, 1927.
Tonics, Hair. Terminal Barber Shops. 233,338; Sept. 27; Serial No. 248,656; published July 19, 1927.
Tonics, Hair. Terminal Barber Shops, Inc. 233,349; Sept. 27; Serial No. 248,655; published July 19, 1927.

CLASS 8.

Match holders and ash trays, cigarette holders, etc. Combination. Roverotters. 233,334; Sept. 27; Serial No. 246,439; published July 19, 1927.
Permeators in the nature of humidors and cartridges for the same. Kool Kist Company. 233,348; Sept. 27; Serial No. 232,571; published July 19, 1927.
Pipes, Tobacco. W. P. Solomon. 233,293; Sept. 27; Serial No. 249,932; published July 19, 1927.

CLASS 9.

Matches. Jönköpings Och Vulcans Tändsticksfabriks-aktiebolag. 233,217; Sept. 27; Serial No. 249,908; published July 19, 1927.

CLASS 11.

Carbon paper and typewriter ribbons. Franklin-Kelly Company. 233,187; Sept. 27; Serial No. 248,562; published July 19, 1927.

CLASS 12.

Doors, blinds, frames, moldings, etc. Alonzo Robertson & Son. 30,992; renewed Dec. 21, 1927.
Waterproofing compounds, etc. M. Klein. 233,468; Sept. 27.

CLASS 13.

Cookers, Base-metal food. Tasty Cooker Company. 233,319; Sept. 27; Serial No. 248,264; published July 19, 1927.
Nails. Keystone Steel & Wire Company. 233,175; Sept. 27; Serial No. 248,844; published July 19, 1927.
Tubes, Metal. Pittsburgh Steel Products Company. 233,467; Sept. 27.
Valve stems, dust caps, etc. Dill Manufacturing Company. 233,463; Sept. 27.
Valves. Cores for pneumatic tire. Chicago Nipple Manufacturing Co. of California. 233,301; Sept. 27; Serial No. 246,077; published July 19, 1927.
Wire fabric for screening purposes. W. S. Tyler Company. 233,193; Sept. 27; Serial No. 249,683; published July 19, 1927.

CLASS 14.

Alloy which is substantially inexpandible. Societe Anonyme de Commentry Fourchambault et Decazeville. 63,970; renewed July 10, 1927.
Aluminum and aluminum-base alloys, Duplex. Aluminum Company of America. 233,192; Sept. 27; Serial No. 249,691; published July 19, 1927.
Metal alloys. Hills-McCanna Company. 233,358; Sept. 27; Serial No. 229,681; published July 19, 1927.
Metals and metal armor for vehicles, ships, and structural elements, Ferrous. American Armor Corporation. 233,252; Sept. 27; Serial No. 232,646; published July 19, 1927.
Metals, Antifriction bearing. Fahrig Metal Company. 62,533; renewed May 14, 1927.
Wire, Welding. E. D. Giberson & Company. 233,185; Sept. 27; Serial No. 248,631; published July 19, 1927.

CLASS 15.

Gasoline, kerosene, lubricating oil and grease. Michigamme Oil Company. 233,287; Sept. 27; Serial No. 249,231; published July 19, 1927.
Grease and oil compounds. Glibb and Brown, Inc. 233,340; Sept. 27; Serial No. 180,697; published Oct. 26, 1926.
Greases, Lubricating. Adam Cook's Sons, Inc. 233,266; Sept. 27; Serial No. 243,751; published July 19, 1927.
Kerosene. Peerless Oil & Refining Company. 233,400; Sept. 27; Serial No. 250,262; published July 19, 1927.
Oil, Lubricating. Pan American Petroleum Company. 233,396; Sept. 27; Serial No. 250,419; published July 19, 1927.
Oils, greases, waxes, etc. Vacuum Oil Company. 233,300; Sept. 27; Serial No. 246,578; published July 19, 1927.
Petroleum and products of petroleum. Standard Oil Company of New York. 233,219; Sept. 27; Serial No. 249,871; published July 19, 1927.
Petroleum, kerosene, gasoline, naphtha, lubricating oils, etc. Lion Oil Company. 233,214; Sept. 27; Serial No. 249,973; published July 19, 1927.
Wax, Mineral. Standard Oil Company. 233,412; Sept. 27; Serial No. 250,103; published July 19, 1927.

CLASS 16.

Calcimine. Patek Brothers, Inc. 233,487; Sept. 27.
Lacquers, paint enamels, and thinners. T. J. Ronan Co. 233,176; Sept. 27; Serial No. 248,796; published July 19, 1927.

Paint. Patek Brothers, Inc. 233,452; Sept. 27.
Paint remover. S. Ishiyama. 233,245; Sept. 27; Serial No. 234,124; published July 19, 1927.
Paints and enamels. Wadsworth Howland & Co. Incorporated. 233,230; Sept. 27; Serial No. 249,451; published July 19, 1927.
Paints of every description. O'Neil Duro Company. 233,267; Sept. 27; Serial No. 243,725; published July 19, 1927.
Paints, Roof. Kling-Tite Paint Products Company. 233,363; Sept. 27; Serial No. 228,319; published July 19, 1927.
Polish for automobile bodies, etc. Clark & Phinley Company. 233,416; Sept. 27; Serial No. 248,347; published July 19, 1927.
Primers, surfaces, primer surfaces, and varnishes. Valentine & Company. 233,213; Sept. 27; Serial No. 250,051; published July 19, 1927.
Putty. D. E. Papenfus. 233,180; Sept. 27; Serial No. 248,716; published July 19, 1927.
White lead and ready-mixed paints. John Lucas & Co. 233,170; Sept. 27; Serial No. 248,960; published July 19, 1927.

CLASS 17.

Cigars. G. Alfieri. 233,474; Sept. 27.

CLASS 19.

Auto seat covers. Nathan Novelty Mfg. Co. 233,342; Sept. 27; Serial No. 231,060; published July 19, 1927.
Automobiles, Passenger-carrying. Willys-Overland Company. 233,223-4; Sept. 27; Serial Nos. 249,827-8; published July 19, 1927.
Car couplings. National Malleable Castings Co. 65,262; renewed Sept. 17, 1927.
Carriages, Baby. Bilt-Rite Baby Carriage Co. 233,253; Sept. 27; Serial No. 250,674; published July 19, 1927.
Vehicle bodies and parts thereof. Hoover Body Company. 233,312; Sept. 27; Serial No. 246,903; published July 19, 1927.

CLASS 20.

Floor coverings of the oiled-cloth type, Prepared. Congoleum-Nairn, Inc. 233,315; Sept. 27; Serial No. 248,253; published July 12, 1927.
Rugs, Felt-base floor. Goldenberg's. 233,303; Sept. 27; Serial No. 245,708; published July 19, 1927.

CLASS 21.

Electric lights and circuit interrupters for Christmas-tree decoration, electric cigarette lighters, etc. Sets of. General Appliance Corporation. 233,161; Sept. 27; Serial No. 249,057; published July 19, 1927.
Electric ovens. Thermo Electric Instrument Co. 233,480; Sept. 27.
Electrical instruments. Stromberg-Carlson Telephone Mfg. Co. 66,210; renewed Nov. 12, 1927.
Lamps, Electric. Cello, Inc. 233,151; Sept. 27; Serial No. 249,154; published July 19, 1927.
Radio loud speakers. Freed-Eismann Radio Corporation. 233,341; Sept. 27; Serial No. 250,445; published June 20, 1926.
Radio receiving sets and transmitting sets, and parts thereof. A. H. Grebe & Co. 233,345; Sept. 27; Serial No. 231,259; published July 19, 1927.
Sound-amplifying devices. Apollo Radio Horn Company. 233,339; Sept. 27; Serial No. 205,925; published Mar. 2, 1926.

CLASS 22.

Fishing lines. Cortland Line Co. 233,476; Sept. 27.

CLASS 23.

Agitators, ball mills, classifiers, conditioners, coolers, etc. Denver Equipment Company. 233,332; Sept. 27; Serial No. 247,416; published July 19, 1927.
Apparatus for making emulsions of oil and water. Ally Company. 233,346; Sept. 27; Serial No. 232,060; published July 19, 1927.
Bearings. J. Leslie Morris Company. 233,152; Sept. 27; Serial No. 249,131; published July 19, 1927.
Binding, stapling, and tacking machines. Markwell Manufacturing Co. Inc. 233,357; Sept. 27; Serial No. 228,822; published July 19, 1927.
Cutter heads, thread-cutting machines, cutters therefor, and parts thereof. Landis Machine Company. 233,269; Sept. 27; Serial No. 243,316; published July 19, 1927.
Cutting machines. International Register Company. 233,331; Sept. 27; Serial No. 247,539; published July 19, 1927.
Drilling and fishing tools. Oil-well. Bridgeport Machine Company. 233,459; Sept. 27.
Dust collectors. Northern Blower Company. 233,317; Sept. 27; Serial No. 248,317; published July 19, 1927.
Files. Carver File Company. 233,362; Sept. 27; Serial No. 245,629; published July 19, 1927.
Files and shear grinders. C. L. Banks. 233,403; Sept. 27; Serial No. 250,219; published July 19, 1927.
Fire-extinguishing apparatus, Portable hand. Knight & Thomas, Inc. 233,327; Sept. 27; Serial No. 247,740; published July 19, 1927.
Hardware, Heavy. Boston & Lockport Block Company. 233,242; Sept. 27; Serial No. 238,568; published July 19, 1927.

Knitting and ribbing machines and parts thereof. Fidelity Machine Company. 233,451; Sept. 27.
Knives, High-speed-steel machine. Wapakoneta Machine Co. 233,284; Sept. 27; Serial No. 249,310; published July 19, 1927.
Lifting devices for carrying ice-cream cans. Hand. S. B. Whiteside. 233,299; Sept. 27; Serial No. 246,580; published July 19, 1927.
Machinery, steel turbines, etc. Special. Newport News Shipbuilding and Dry Dock Company. 233,250; Sept. 27; Serial No. 232,738; published July 19, 1927.
Motors, Spring. General Industries Company. 233,202-3; Sept. 27; Serial Nos. 249,583-4; published July 19, 1927.
Mufflers and cut-outs for internal-combustion engine and parts of the same. J. E. Goerlich. 233,172-3; Sept. 27; Serial Nos. 248,895-6; published July 19, 1927.
Packaging machinery. J. L. Ferguson Company. 233,245; Sept. 27; Serial No. 235,200; published July 19, 1927.
Plated cast and forged metal plates and dies. F. N. Stoffens. 233,305; Sept. 27; Serial No. 245,592; published July 19, 1927.
Railway-track oiler and spraying machines and railroad spreaders. O. F. Jordan Company. 233,153; Sept. 27; Serial No. 249,068; published July 19, 1927.
Typesetting machines, Automatic. Typographic Machines Co. 233,411; Sept. 27; Serial No. 250,105; published July 19, 1927.
Vaporizer devices. Mechanical Specialty Co. 233,324; Sept. 27; Serial No. 247,904; published July 19, 1927.
Whistles, Exhaust-operated automobile. S. T. Jessop Co. 233,276; Sept. 27; Serial No. 249,426; published July 19, 1927.
Wrenches. John A. Roebling's Sons Company. 233,220; Sept. 27; Serial No. 249,868; published July 19, 1927.

CLASS 25.

Keyhole lock. S. J. Hoff. 233,177; Sept. 27; Serial No. 248,774; published July 19, 1927.

CLASS 26.

Films, Motion-picture. Hearst News Service, Inc. 233,283; Sept. 27; Serial No. 249,351; published July 19, 1927.
Lenses, Optical. One Piece Bifocal Lens Company. 233,456; Sept. 27.
Photographic-copying machines. F. G. Mortelmans. 233,265; Sept. 27; Serial No. 243,820; published July 19, 1927.

CLASS 27.

Clocks and watch movements. W. C. Ball. 64,718; renewed Aug. 30, 1927.
Watches. Gruen Watch Company. 233,171; Sept. 27; Serial No. 248,901; published July 19, 1927.
Watches. Smith America Inc. 233,168; Sept. 27; Serial No. 248,937; published July 19, 1927.
Watches and parts thereof. Dial Watch Case Co. 233,218; Sept. 27; Serial No. 249,894; published July 19, 1927.
Watches and parts thereof. Alex. Sabin & Sons. 233,226; Sept. 27; Serial No. 249,753; published July 19, 1927.
Watches and watchcases. Bulova Watch Company. 233,400-1; Sept. 27.
Watches and watch movements. Korones Brothers. 233,167; Sept. 27; Serial No. 248,913; published July 19, 1927.
Watches, Movements and cases for. L. Adels. 233,408; Sept. 27; Serial No. 250,151; published July 19, 1927.
Watches, watchcases, and watch movements. Katz & Ogush, Inc. 233,282; Sept. 27; Serial No. 249,356; published July 19, 1927.

CLASS 28.

Bracelets for wrist watches. Tomchin & Levinson, Inc. 233,322; Sept. 27; Serial No. 248,066; published July 19, 1927.
Jewelry for personal wear. Theta Kappa Nu Fraternity. 233,236; Sept. 27; Serial No. 239,437; published July 19, 1927.
Jewelry, not including watches. L. L. Linick. 233,457; Sept. 27.
Pins, badges, lapel buttons, cuff links, etc., Fraternity. International Fraternity of Delta Sigma Pi. 233,166; Sept. 27; Serial No. 248,912; published July 19, 1927.

CLASS 30.

Porcelains and curios. Montilior Bros. 233,459; Sept. 27.

CLASS 31.

Freezers, Ice-cream. Belknap Hardware & Manufacturing Company. 233,215; Sept. 27; Serial No. 249,941; published July 19, 1927.
Refrigerator cabinets, Ice-cream. Grand Rapids Cabinet Company. 233,278; Sept. 27; Serial No. 249,414; published July 19, 1927.

CLASS 32.

Bedding. A. Wuest. 233,361; Sept. 27; Serial No. 226,322; published July 19, 1927.
Cabinets, sectional kitchen, wall, etc., cabinets, Kitchen. Hartman Wholesale Corporation. 233,241; Sept. 27; Serial No. 228,973; published July 19, 1927.

Desks, filing cabinets, and parts thereof. Clemetsen Company. 233,260; Sept. 27; Serial No. 244,743; published July 19, 1927.
Furniture, Drafting-room. Hamilton Manufacturing Company. 233,288; Sept. 27; Serial No. 249,223; published July 19, 1927.
Mattresses. Bailey-Schmitz Co. Inc. 233,318; Sept. 27; Serial No. 248,272; published July 19, 1927.
Mattresses and bed springs. National Spring & Wire Co. 233,181-2; Sept. 27; Serial Nos. 248,711-2; published July 19, 1927.
Mattresses, box springs, and bed pillows. Balyeat Manufacturing Company. 233,191; Sept. 27; Serial No. 249,692; published July 19, 1927.
Mirrors. Louis Herfeld Company. 233,323; Sept. 27; Serial No. 247,954; published July 19, 1927.
Mirrors, Plate glass. Hires Turner Glass Company. 233,470; Sept. 27.
Pillows. M. Kohn. 233,311; Sept. 27; Serial No. 247,089; published July 19, 1927.
Racks, Book. Lefebvre Corporation. 233,325; Sept. 27; Serial No. 247,890; published July 19, 1927.
Show cases, wardrobes, shelving, tables, racks, etc. Grand Rapids Store Equipment Corporation. 233,160; Sept. 27; Serial No. 249,063; published July 19, 1927.
Tables. C. La Hattie. 233,264; Sept. 27; Serial No. 243,862; published July 19, 1927.
Upholstery springs and spring fillers. Bridgeport Chain Company. 233,150; Sept. 27; Serial No. 249,111; published July 19, 1927.

CLASS 33.

Glass tables and counter tops, wainscoting, plate and sheet glass, etc. Wells Glass Company. 233,254; Sept. 27; Serial No. 250,637; published July 19, 1927.

CLASS 34.

Burners, Liquid-fuel. Rotair Burner Corporation. 233,157; Sept. 27; Serial No. 249,097; published July 19, 1927.
Heating plants, Fuel economizer for. R. P. King. 233,195; Sept. 27; Serial No. 249,662; published July 19, 1927.
Humidifiers, air moistening, washing, purifying, cooling, and air-conditioning apparatus. Zephyr Washed Air Company. 233,222; Sept. 27; Serial No. 249,820; published July 19, 1927.
Lamp parts. Globe Specialty Co. 233,485; Sept. 27.

CLASS 35.

Jar rings. Cupples Company Manufacturers. 233,360; Sept. 27; Serial No. 226,334; published July 19, 1927.
Washers. E. S. Wagenseller. 233,279; Sept. 27; Serial No. 249,395; published July 19, 1927.

CLASS 36.

Phonographs, phonograph reproducers, etc. Freed-Eismann Radio Corporation. 233,344; Sept. 27; Serial No. 231,257; published July 6, 1926.

CLASS 37.

Paper, Writing. J. W. Butler Paper Co. 65,482-4; renewed Oct. 8, 1927.
Papers, Printing and writing. Graham Paper Company. 66,590-2; renewed Dec. 17, 1927.

CLASS 38.

Books, Printed. John Murphy Company. 66,764; renewed Dec. 24, 1927.

CLASS 40.

Buttons. G. W. Blank. 233,356; Sept. 27; Serial No. 244,209; published July 19, 1927.
Buttons, Nonprecious-metal. Patent Button Company. 233,420; Sept. 27; Serial No. 248,717; published July 12, 1927.
Combs. New York Hamburger Gummi-Waaren Compagnie. 233,473; Sept. 27.
Elastic, Narrow. J. C. Penney Company. 233,432; Sept. 27; Serial No. 246,983; published July 12, 1927.
Hairpins. Duplex Pin Company. 233,372; Sept. 27; Serial No. 238,435; published July 5, 1927.
Stamped goods. Angeles Art Shop. 233,335; Sept. 27; Serial No. 246,525; published July 12, 1927.
Toilet sets. Shoreham Manufacturing Co. Inc. 233,431; Sept. 27; Serial No. 247,147; published June 21, 1927.

CLASS 42.

Cloth, Chinchilla. Charlton Woolen Company. 233,296; Sept. 27; Serial No. 246,665; published July 19, 1927.
Cloth for all articles designed or used for protection of human beings, animals, or property from the elements, weather, etc. Brooks Tent & Awning Company. 233,183; Sept. 27; Serial No. 248,071; published July 19, 1927.
Cloth, Sugar-bag. Mente & Co. Inc. 233,270; Sept. 27; Serial No. 242,735; published July 19, 1927.
Cloths, textile bath mats, bedspreads, towels, etc. Face. A. S. Herrmann, Inc. 233,201; Sept. 27; Serial No. 249,586; published July 19, 1927.
Cotton and linen piece goods. M. Lowenstein & Sons, Inc. 233,401; Sept. 27; Serial No. 250,248; published July 19, 1927.

CLASS 45.

Beverage. Kroger Grocery & Baking Co. 233,475; Sept. 27.

CLASS 46.

Cotton piece goods. Ashton & Co. (Estd. 1787) Limited. 233,225; Sept. 27; Serial No. 249,773; published July 19, 1927.
Cotton piece goods. Fred. Butterfield & Co. 63,262; renewed June 11, 1927.
Cotton piece goods. Harris Company. 233,277; Sept. 27; Serial No. 249,418; published July 19, 1927.
Cotton piece goods. J. C. Penney Company. 233,409; Sept. 27; Serial No. 250,135; published July 19, 1927.
Curtains and draperies. D. Simon. 233,199; Sept. 27; Serial No. 249,010; published July 19, 1927.
Dress goods, Colored. Abraham & Straus, Inc. 233,479; Sept. 27.
Fabric valances. H. F. Walliser Company. 233,190; Sept. 27; Serial No. 248,538; published July 19, 1927.
Marquisesettes. Warwick Mills. 233,326; Sept. 27; Serial No. 247,765; published July 19, 1927.
Nets, Hair. Theo. H. Gary Co. 233,289; Sept. 27; Serial No. 249,219; published July 19, 1927.
Pile fabrics. Sidney Blumenthal & Co. Inc. 233,207; Sept. 27; Serial No. 246,590; published July 19, 1927.
Pile fabrics. Sidney Blumenthal & Co. Inc. 233,298; Sept. 27; Serial No. 246,588; published July 19, 1927.
Silk and silk-mixture piece goods. Kronthal, Chertow, & Corin. 233,393; Sept. 27; Serial No. 250,464; published July 19, 1927.
Silk fabrics. A. M. Turell Fabrics Corporation. 233,280-1; Sept. 27; Serial Nos. 249,388-9; published July 19, 1927.
Silk piece goods. Benrose Silk Mfg. Corp. 233,410; Sept. 27; Serial No. 250,112; published July 19, 1927.
Silk piece goods. Nemour Silk Corporation. 233,251; Sept. 27; Serial No. 232,687; published July 19, 1927.
Silk, rayon, and mixtures of these materials. Piece goods of Duplan Silk Corporation. 233,388; Sept. 27; Serial No. 250,495; published July 19, 1927.
Silk, rayon, and mixtures of these materials. Piece goods of Duplan Silk Corporation. 233,389-90; Sept. 27; Serial Nos. 250,491-2; published July 19, 1927.
Silk, wool, cotton, etc., piece goods. Bianchini, Ferler. 233,328; Sept. 27; Serial No. 247,070; published July 19, 1927.
Textile dollies and scarfs. O. A. Turner. 233,366; Sept. 27; Serial No. 213,411; published July 19, 1927.
Textile fabrics, Woolen. Atlantic Mills. 233,189; Sept. 27; Serial No. 248,468; published July 19, 1927.
Textile fabrics, Worsted and woolen. Holden-Leonard Company. 233,398; Sept. 27; Serial No. 250,411; published July 19, 1927.
Towels, bath mats, curtains, quilts, etc. Barlow & Jones, Limited. 233,174; Sept. 27; Serial No. 248,873; published July 19, 1927.
Trading in textile objects of art. Montilior Bros. 233,458; Sept. 27.
Woolen goods. S. Stein & Co. 233,482-4; Sept. 27.
Woolen piece goods. Fortsmann & Huffmann Company. 233,380-1; Sept. 27; Serial Nos. 250,510-11; published July 19, 1927.
Woolen piece goods. Fortsmann & Huffmann Company. 233,382-4; Sept. 27; Serial Nos. 250,504-6; published July 19, 1927.
Woolen piece goods. Fortsmann & Huffmann Company. 233,385-7; Sept. 27; Serial No. 250,499-501; published July 19, 1927.
Woolen piece goods. Fortsmann & Huffmann Company. 233,404-5; Sept. 27; Serial Nos. 250,169-70; published July 19, 1927.
Woolen textile fabrics. Atlantic Mills. 233,309-10; Sept. 27; Serial Nos. 247,115-16; published July 19, 1927.

CLASS 43.

Thread, Sewing white linen. I. Mir Rovira. 233,302; Sept. 27; Serial No. 223,104; published July 19, 1927.

CLASS 44.

Arch supports. A. B. De Ville. 233,196-7; Sept. 27; Serial Nos. 249,646-7; published July 19, 1927.
Arch supports. Scholl Mfg. Co. Inc. 233,246; Sept. 27; Serial No. 234,901; published Nov. 9, 1926.
Atomizers. McKesson & Robbins. 64,054; renewed July 23, 1927.
Atomizers. McKesson & Robbins. 64,528; renewed Aug. 13, 1927.
Dental gold. G. J. Weinstein. 233,257; Sept. 27; Serial No. 244,965; published July 19, 1927.
Electric-arc lamps used for therapeutic purposes. Sanitarium and Hospital Equipment Company. 233,179; Sept. 27; Serial No. 248,729; published July 19, 1927.
Glazing compound for porcelain bodies. Columbus Dental Mfg. Co. 233,347; Sept. 27; Serial No. 232,189; published July 19, 1927.
Medical, surgical, and similar bandages, etc., Textile fabric for use in. Griswoldville Mfg. Company. 233,227; Sept. 27; Serial No. 249,722; published July 19, 1927.
Pads or sheets for removing cold cream. Absorbent. Cellucotton Products Company. 233,359; Sept. 27; Serial No. 228,804; published July 19, 1927.
Sanitary neckbands. Hospital Specialty Co. 233,291; Sept. 27; Serial No. 249,175; published July 19, 1927.
Surgical dressings, gauze products, adhesive products, etc. Bay Company. 233,262-3; Sept. 27; Serial Nos. 244,272-3; published July 19, 1927.
Wrist bands, Elastic. J. Cohn. 233,450; Sept. 27.

Bananas. United Fruit Company. 233,249; Sept. 27; Serial No. 233,336; published July 19, 1927.
Beverages containing clam juice. Mayfair Products, Inc. 233,234; Sept. 27; Serial No. 240,559; published May 17, 1927.
Biscuits. Canada Biscuit Company. 233,333; Sept. 27; Serial No. 247,311; published July 19, 1927.
Bread. W. H. Brooks. 233,447; Sept. 27.
Cakes. Tasty Baking Company. 233,391; Sept. 27; Serial No. 250,477; published July 19, 1927.
Candles. Betty Ann Candy Company. 233,235; Sept. 27; Serial No. 239,842; published Apr. 19, 1927.
Candles. Lydia Darrach Candy Shops, Inc. 233,216; Sept. 27; Serial No. 249,913; published July 19, 1927.
Candles and bouillons. Weckerle & Beringer. 233,304; Sept. 27; Serial No. 245,673; published July 19, 1927.
Candy. Crane Company. 233,449; Sept. 27.
Candy. Flavour Candy Co. 233,165; Sept. 27; Serial No. 249,000; published July 19, 1927.
Candy. J. P. Sullivan. 233,290; Sept. 27; Serial No. 249,203; published July 19, 1927.
Candy. United Drug Company. 66,938-9; renewed Jan. 7, 1928.
Canned corned beef. Emery Food Company. 233,268; Sept. 27; Serial No. 243,693; published July 19, 1927.
Canned fish. R. E. Cotter Company. 233,244; Sept. 27; Serial No. 236,911; published Apr. 19, 1927.
Canned fruits. Hawaiian Pineapple Company. 233,378; Sept. 27; Serial No. 250,537; published July 19, 1927.
Canned fruits. Pacific Coast Cannery, Inc. 233,314; Sept. 27; Serial No. 248,428; published July 19, 1927.
Canned fruits and vegetables. Mutual Stores, Inc. 233,376; Sept. 27; Serial No. 250,560; published July 19, 1927.
Canned fruits and vegetables. Wayne County Canning Co. Ltd. 65,541; renewed Oct. 8, 1927.
Canned fruits and vegetables. Wayne County Canning Co. Ltd. 66,316; renewed Nov. 19, 1927.
Canned fruits and vegetables, coffee, tea, etc. Simon Bros. Co. 233,472; Sept. 27.
Canned fruits, fish, and vegetables. F. E. Booth Co. 233,207; Sept. 27; Serial No. 249,498; published July 19, 1927.
Canned fruits, vegetables, berries, succotash, and sliced pineapple. Middle States Packing Company. 233,427; Sept. 27; Serial No. 248,508; published July 19, 1927.
Canned fruits, vegetables, etc. Wolf Bros. 233,471; Sept. 27.
Canned green beans and canned strained tomatoes. Kroger Grocery & Baking Co. 233,492; Sept. 27.
Canned tomatoes and fish. P. Todaro. 233,306; Sept. 27; Serial No. 247,228; published July 19, 1927.
Canned vegetables, fish, fruit, and berries. Banner Wholesale Grocery Co. 233,205; Sept. 27; Serial No. 249,506; published July 19, 1927.
Canned vegetables, fruits, and cereals. Rabys Sliced Vegetable Co. 233,307; Sept. 27; Serial No. 247,245; published July 19, 1927.
Canned vegetables, fruits, shellfish, and evaporated milk. Rice and Fishman. 233,426; Sept. 27; Serial No. 248,516; published July 19, 1927.
Cereal breakfast food. Skinner Manufacturing Co. 233,462; Sept. 27.
Chicks, eggs for hatching, and breeding poultry stock. Baby. E. A. Johnson. 233,162; Sept. 27; Serial No. 249,008; published July 19, 1927.
Chicks, Live baby. American Baby Chick Producers Association. 233,247; Sept. 27; Serial No. 234,243; published July 19, 1927.
Clam juice and packed in containers. Beverages containing. Mayfair Products, Inc. 233,306; Sept. 27; Serial No. 247,276; published July 19, 1927.
Coffee. Jordan Stevens Co. 233,394; Sept. 27; Serial No. 250,460; published July 19, 1927.
Coffee. B. A. Livierato. 233,397; Sept. 27; Serial No. 250,414; published July 19, 1927.
Coffee. W. F. McLaughlin & Company. 65,709-10; renewed Oct. 15, 1927.
Coffee. National Tea Co. 233,488; Sept. 27.
Coffee. Tai Hing Company. 233,243; Sept. 27; Serial No. 237,929; published July 19, 1927.
Confections, Candy covering for frozen. Eskimo Pie Corporation. 233,428; Sept. 27; Serial No. 248,483; published July 19, 1927.
Cookies. R. H. Gibson. 233,448; Sept. 27.
Corn, Hulled and cleaned popping. Albert Dickinson Company. 233,184; Sept. 27; Serial No. 248,664; published July 19, 1927.
Crackers and cakes. United States Baking Company. 31,022; renewed Dec. 21, 1927.
Extracts. Foote & Jenks. 233,438; Sept. 27; Serial No. 250,168; published July 19, 1927.
Feed, Dairy. Peoples Milling Company. 233,211; Sept. 27; Serial No. 250,094; published July 12, 1927.
Feed, Stock. Badger Grains and Feed Co. 233,206; Sept. 27; Serial No. 249,565; published July 19, 1927.
Flour and cornmeal. Wheat. Zwonechek & Aksent. 66,696; renewed Dec. 24, 1927.

Flour, Rye and wheat. King Midas Mill Company. 233,364-5; Sept. 27; Serial Nos. 213,653-4; published Jan. 5, 1926.
 Flour, Self-rising. Southwestern Milling Company. 233,313; Sept. 27; Serial No. 246,857; published July 19, 1927.
 Flour, Wheat. Allen & Wheeler Co. 65,818-19; renewed Oct. 22, 1927.
 Flour, Wheat. Colorado Milling & Elevator Co. 233,399; Sept. 27; Serial No. 250,296; published July 19, 1927.
 Flour, Wheat. Southwestern Milling Company. 233,294; Sept. 27; Serial No. 246,856; published July 19, 1927.
 Flour, Wheat. Thornton & Chester Milling Company. 67,064; renewed Jan. 14, 1928.
 Flour, Wheat. Zwonechek & Aksamit. 66,695; renewed Dec. 24, 1927.
 Fruits, canned vegetables, and fish. Dried and canned. O'Malley-Abeling Company. 233,209; Sept. 27; Serial No. 249,485; published July 19, 1927.
 Fruits, Fresh citrus. Redlands Heights Groves, Inc. 233,375; Sept. 27; Serial No. 250,506; published July 19, 1927.
 Fruits, Fresh deciduous. C. M. Hartley. 233,379; Sept. 27; Serial No. 250,536; published July 19, 1927.
 Fruits, Fresh figs, olives, etc. Fresh deciduous. Mayflower Fruit Association. 233,430; Sept. 27; Serial No. 247,197; published July 19, 1927.
 Fruits packed in special gift packages. Assorted small lots of fresh. Saladino Distributing Company. 233,321; Sept. 27; Serial No. 248,130; published July 19, 1927.
 Gum, Chewing. Reminders Corporation. 233,271; Sept. 27; Serial No. 242,022; published July 19, 1927.
 Horse-radish. A. Moran. 233,419; Sept. 27; Serial No. 248,644; published July 19, 1927.
 Horse-radish, cocktail sauce, beet relish, mustard and horse-radish. N. Lindeman. 233,421; Sept. 27; Serial No. 248,779; published July 19, 1927.
 Ice cream. Goodman American Ice Cream Company. 233,422; Sept. 27; Serial No. 248,833; published July 19, 1927.
 Jelly and marmalade. E. L. Reed. 233,374; Sept. 27; Serial No. 250,567; published July 19, 1927.
 Malt syrup. Guarantee Malt Products Company. 233,469; Sept. 27.
 Mayonnaise dressing. S. B. Drucker. 233,464-6; Sept. 27.
 Meal and feed. Corn. Model Mill Company. 233,212; Sept. 27; Serial No. 250,085; published July 19, 1927.

ALPHABETICAL LIST OF LABELS.

Allen's Cod-an-Yeast. Medicinal Tablets. Dr. Richards Dyspepsia Tablet Association. 32,775; Sept. 27.
 Beech-Nut Biscuit Dainties, Beech-Nut Butter Sweets. For Bakery Goods—Namely, Butter-Sweets Biscuits. Beech-Nut Packing Company. 32,755; Sept. 27.
 Beech-Nut Biscuit Dainties, Beech-Nut Chocolate Tea Wafers. For Bakery Goods—Namely, Chocolate Tea Wafers. Beech-Nut Packing Company. 32,757; Sept. 27.
 Beech-Nut Biscuit Dainties, Beech-Nut Cream Crackers. For Bakery Goods—Namely, Cream Crackers. Beech-Nut Packing Company. 32,758; Sept. 27.
 Beech-Nut Biscuit Dainties, Beech-Nut Scot Cake. For Bakery Goods—Namely, Scot Cakes. Beech-Nut Packing Company. 32,756; Sept. 27.
 Beech-Nut Biscuit Dainties, Beech-Nut Vanilla Tea Wafers. For Bakery Goods—Namely, Vanilla Tea Wafers. Beech-Nut Packing Company. 32,759; Sept. 27.
 Blue Goose. For Cigars. L. E. Sontz. 32,778; Sept. 27.
 Country Club Special. For Cereal Beverage Containing Less Than One-Half of One Per Cent Alcohol. M. K. Goetz Brewing Co. 32,767; Sept. 27.
 Dunham's Coconut Macaroons. For Coconut Cakes. Dunham Manufacturing Co. 32,764; Sept. 27.
 Fernet-Branca. For An Anticholera and Tonic Remedy. Fratelli Branca. 32,762; Sept. 27.
 Hy-Glo-Lac. For Finishing Lacquer. H. N. Schofield. 32,777; Sept. 27.
 MacFarlane's California Salted Almonds. For Salted Almonds. D. L. MacFarlane. 32,769; Sept. 27.

ALPHABETICAL LIST OF PRINTS.

Chas. Hollenbach's 314 Roll. For Meat Products. C. Hollenbach. 10,199; Sept. 27.
 F-A Quality. For Bias Fold Tapes, Shoulder Strappings, Lingerie Brails, Military Brails, Elastics, and Garters. Friedberger-Aaron Mfg. Co. 10,198; Sept. 27.
 H M C Purchase Plan. For Automobiles. Hudson Motor Car Company. 10,200; Sept. 27.
 Hairdo Hair Preparations. For Medicinal Preparations for the Hair and Scalp. I. McEwen. 10,202; Sept. 27.

Oil, Olive. Corrado Bros. 233,453; Sept. 27.
 Oil, Vegetable. Monteverde, Rolandelli & Parodi, Inc. 233,429; Sept. 27; Serial No. 248,313; published July 19, 1927.
 Oranges, lemons, and grapefruit. Porterville Citrus Association. 233,272-4; Sept. 27; Serial Nos. 241,839-41; published July 19, 1927.
 Peanuts, Fresh or salted. T. Huston. 233,233; Sept. 27; Serial No. 241,720; published July 19, 1927.
 Pepper sauce. Maury-Cole Company. 233,400; Sept. 27.
 Pickles, chowchow, and relish. W. & W. Pickle and Canning Co. 233,433; Sept. 27; Serial No. 246,863; published July 19, 1927.
 Pop-corn confections. A. C. Riesselman. 233,186; Sept. 27; Serial No. 248,595; published July 19, 1927.
 Potato chips. Ehrat Cheese Company. 233,188; Sept. 27; Serial No. 248,482; published July 19, 1927.
 Potato chips. Ehrat Cheese Company. 233,320; Sept. 27; Serial No. 248,227; published July 19, 1927.
 Poultry and eggs, Dressed. A. W. Bear Commission Company. 233,370; Sept. 27; Serial No. 238,003; published Mar. 15, 1927.
 Poultry, Dressed. A. W. Bear Commission Company. 233,237-40; Sept. 27; Serial Nos. 239,014-17; published Feb. 15, 1927.
 Rice food, Specially-prepared. Coclina Food Products Co. 233,439; Sept. 27; Serial No. 250,399; published July 19, 1927.
 Sausage, Frankfurter. F. K. Gurr. 233,461; Sept. 27.
 Syrup, Table. Robinson Syrup Company. 233,423; Sept. 27; Serial No. 248,973; published July 19, 1927.
 Sugar. Savannah Sugar Refining Corporation. 233,336; Sept. 27; Serial No. 246,507; published July 19, 1927.
 Yeast, Bread. A. M. Assad. 233,481; Sept. 27.
 Yeast foods. Vico Products Company. 233,425; Sept. 27; Serial No. 248,537; published July 19, 1927.
 Yeast tablets. Getbetter Inc. 233,415; Sept. 27; Serial No. 249,220; published July 19, 1927.

CLASS 48.

Beer. Anheuser-Busch Brewing Association. 66,464; renewed Dec. 3, 1927.

CLASS 50.

Boot and shoe trees, shoe forms, lasts, and followers. O. A. Miller Treeling Machine Company. 65,704; renewed Oct. 16, 1927.

ALPHABETICAL LIST OF PATENTEEES

TO WHOM

PATENTS WERE ISSUED ON THE 27TH DAY OF SEPTEMBER, 1927.

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice). Includes patents, reissues, and designs.

Aah, William. New Ulm, Minn. Piston-aligning machine for connecting-rod assemblies. 1,643,359; Sept. 27.
 Adams, Thomas C., assignor to O. B. McClintock Company, Minneapolis, Minn. Alarm circuit operated by microphone. 1,643,759; Sept. 27.
 Albach, George F., Jr., Bayonne, assignor to Schwarzenbach-Huber Co., Union City, N. J. Adjustable guide for winding machines. 1,643,914; Sept. 27.
 Albright, Victor A. T., Bedford, Ind. Mold. 1,643,651; Sept. 27.
 Alexander, Frank, Rochester, Ind. Cue-tip drier. 1,643,402; Sept. 27.
 Allardice, Thomas B., Mountain Lakes, N. J. Controlling unit for oil burners. 1,643,435; Sept. 27.
 Allardice, Thomas B., Mountain Lakes, N. J. Oil burner. 1,643,436; Sept. 27.
 Allen, James E., Peru, Ind. Driving-rod bearing for locomotives. 1,643,760; Sept. 27.
 Allen, Robert N., Methuen, Mass., assignor to U. S. Bobbin & Shuttle Co., Providence, R. I. Shuttle. 1,643,360; Sept. 27.
 Allison, Eva K., Los Angeles, Calif. Condiment holder. Des. 73,514; Sept. 27.
 Aluminum Products Company. (See McClure, Elmer P., assignor.)
 Amen, Nicholas C., assignor to H. H. Randolph, Kansas City, Mo. Fabric cement. 1,643,437; Sept. 27.
 American Aggregate Company. (See Hayde, Stephen J., assignor.)
 American Glass Works, Incorporated. (See Ready, William J., assignor.)
 American Hardware Corporation, The. (See Telch, Ernest L., assignor.)
 American Locker Company. (See Johnson, Harvey L., assignor.)
 American Manganese Steel Company. (See Rorabeck, Claude, assignor.)
 American Radiator Company. (See Mertzanoff, André M., assignor.)
 American Safety Device Co. (See Pitou, Eugene, assignor.)
 American Smelting and Refining Company. (See Call, Benjamin G., assignor.)
 American Steel Foundries. (See Hedgecock, William C., assignor.)
 American Telephone and Telegraph Company. (See Campbell, George A., assignor.)
 American Telephone and Telegraph Company. (See Shetzline, Roy A., assignor.)
 American Telephone and Telegraph Company. (See Stone, John S., assignor.)
 Anderson, George R., Rockford, Ill. Radio device. 1,643,290; Sept. 27.
 Angellilli, Quirino, New York, N. Y. Bricklayer's guide. 1,643,915; Sept. 27.
 Anglada, Joseph A., Jenkintown, Pa., assignor, by mesne assignments, to Arch Cushion Corporation. Shock-absorbing device. 1,643,597; Sept. 27.
 Anla, Anthony E., Corona, N. Y. Water heater. 1,643,533; Sept. 27.
 Appleby, James A., assignor to C. C. Wakefield & Company Limited, London, England. Grease gun. 1,643,761; Sept. 27.
 Arch Cushion Corporation. (See Anglada, Joseph A., assignor.)
 Armstrong, Alan, Whitley Bay, assignor to Pilkington Brothers Limited, Liverpool, England. Apparatus for the production of welded-wire fabrics. 1,643,291; Sept. 27.
 Armstrong, Edwin J., assignor, by mesne assignments, to Erie Steam Shovel Company, Erie, Pa. Travelling track sprocket. 1,643,598; Sept. 27.
 Ashdown, Sydney Victoria, British Columbia, Canada. Automatic releasing choker hook. 1,643,361; Sept. 27.
 Ashdown, Sydney, Victoria, British Columbia, Canada. Logging hook. 1,643,362; Sept. 27.
 Aske, Irving E., Duluth, Minn. Heater or fumer. 1,643,438; Sept. 27.
 Aske, Leonard E., Duluth, Minn. Heater or fumer. 1,643,439; Sept. 27.
 Auld, D. L., Company. (See Auld, Frederick H., assignor.)
 Auld, Frederick H., assignor to D. L. Auld Company, Columbus, Ohio. Switch plate. 1,643,599; Sept. 27.
 Automatic Electric Inc. (See Wicks, John, assignor.)
 Avery, B. F., & Sons. (See Ray, Charles T., assignor.)

Badger, Arthur C., Newton, Mass. Nonfreezing fire extinguisher. 1,643,363; Sept. 27.
 Bahr, August T. J., Kansas City, Mo., assignor to G. B. Rooney, Fairview, Kans. Collapsible tire rim. 1,643,534; Sept. 27.
 Baily, Thaddeus E., Alliance, Ohio. Electric annealing hood. 1,643,600; Sept. 27.
 Baird, L. D., et al. (See Hendrickson, Dan C., assignor.)
 Baker, Edwin, Winn, Me. Ice-cream-cone holder. 1,643,735; Sept. 27.
 Baker, John, Brooklyn, N. Y. Boat-propelling mechanism. 1,643,535; Sept. 27.
 Baldwin, Mary, Jackson Heights, N. Y., assignor of one-half to Fritz Ziegler, Jr., New York, N. Y. Hand bag. 1,643,440; Sept. 27.
 Ballard, Harrie A., Boston, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Hand tacker. 1,643,364; Sept. 27.
 Ballou, B. A., & Co. (See Morehouse, Eugene, assignor.)
 Barbour, Clyde A., Jr., Monroe, La. Manufacture of carbon black. 1,643,736; Sept. 27.
 Baribault, Donat R., Springfield, Mass. Boat construction. 1,643,329; Sept. 27.
 Barord, Paul J., Dormont Borough, Pa. Method of and apparatus for coating. 1,643,350; Sept. 27.
 Barré, Paul, Paris, France. Vulcanizing molding apparatus for rubber tires. 1,643,869; Sept. 27.
 Barrett Company, The. (See Roeve, Charles S., assignor.)
 Barrett, Joseph M., assignor to The S-C Regulator Manufacturing Company, Fostoria, Ohio. Turbine-pump governor. 1,643,483; Sept. 27.
 Bartelt, Erwald A. (See Breitenstein, A. E., and Bartelt.)
 Bartholdy, Max, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Implement for testing cones. 1,643,570; Sept. 27.
 Baskerville, Benjamin J., Joliet, Ill. Grain sprouter. 1,643,536; Sept. 27.
 Baskerville, Benjamin J., Joliet, Ill. Oat sprouter. 1,643,537; Sept. 27.
 Bausch & Lomb Optical Company. (See Patterson, William L., assignor.)
 Bausch & Lomb Optical Company. (See Stevens, F. A., and Welsh, assignors.)
 Baxter, Harold G., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Switch mechanism. 1,643,798; Sept. 27.
 Beaver Machine & Tool Company. (See Slade, Harold E., assignor.)
 Beehman, Henry F., assignor to Duplex Printing Press Company, Battle Creek, Mich. Inking mechanism for printing presses. 1,643,799; Sept. 27.
 Becker, John J., New York, N. Y. Mechanical toy. 1,643,916; Sept. 27.
 Becker, John J., New York, N. Y. Figure wheeled toy. 1,643,917; Sept. 27.
 Becker, John J., New York, N. Y. Toy steamboat. 1,643,918; Sept. 27.
 Beckfield, William J., Pittsburgh, Pa. Nut lock. 1,643,484; Sept. 27.
 Beckwith Manufacturing Company. (See Clapp, Albert L., assignor.)
 Beebe, Daniel S., Chicago, Ill., assignor to The Vitrolite Company, Parkersburg, W. Va. Pouring apparatus for glass furnaces. 1,643,601; Sept. 27.
 Behrle, Edward H., et al. (See Giancola, Nicholas, assignor.)
 Belden Manufacturing Company. (See Parsons, Newell B., assignor.)
 Belknap, Edward H., Washington, D. C. Fuel-testing apparatus. 1,643,617; Sept. 27.
 Bell, William E. H., Glenside, Pa., assignor, by mesne assignments, to H. W. Butterworth & Sons Company. Fastening mechanism. 1,643,365; Sept. 27.
 Bell, William E. H., Glenside, Pa., assignor, by mesne assignments, to H. W. Butterworth & Sons Company. Closure-securing device. 1,643,538; Sept. 27.
 Bendix Brake Company. (See Dodge, Adiel Y., assignor.)
 Bennett, Harold S., Baltimore, Md. Self-soaping mop. 1,643,702; Sept. 27.
 Benson, John B., Independence, Kans. Clamping device. 1,643,737; Sept. 27.
 Benz, Adolph, Jr., Peoria, Ill. Dough-conditioning machine. 1,643,366; Sept. 27.
 Berg, Ralph. (See Thomson, Roy W., assignor.)

Bergfeld, Carl, Berlin-Wilmersdorf, Germany. Apparatus for transmitting the position of signals. 1,643,800; Sept. 27.

Bergmann, Christian N., Pittsburgh, Pa. E. Z. Taylor, Newark, N. J., and C. Taylor, Hartford, Conn., assignors to Bergmann Packaging Machine Company, Pittsburgh, Pa. Receptacle-handling means for unit-measuring machines. 1,643,367; Sept. 27.

Bergmann Packaging Machine Company. (See Bergmann, C. N., and Taylor, assignors.)

Bethlehem Steel Company. (See Howells, F. E., and Leach, assignors.)

Bethlehem Steel Company. (See Kinney, James A., assignor.)

Bettcher Stamping & Manufacturing Company, The. (See Bump, Spencer M., assignor.)

Bever, Loyd. (See Maze, H. T., and Bever.)

Bielefeldt, Herman, Berlin, Germany. Device for producing offset prints. 1,643,571; Sept. 27.

Blignell, Edward, Lincoln, Nebr. Apparatus for river control. 1,643,691; Sept. 27.

Billon, François, assignor to Les Etablissements Poulenc Frères, Paris, France. Salts composed of alkaloids and acetylaminohydroxyphenylarsenic acid and preparing the same. 1,643,692; Sept. 27.

Blidsey, Charles R., Hinsdale, assignor to United States Gypsum Company, Chicago, Ill. Method and apparatus for constructing plaster board. 1,643,801; Sept. 27.

Blro, Carl, Marblehead, Ohio. Meat cutter. 1,643,829; Sept. 27.

Black, Edgar T., Winston-Salem, N. C. Mechanical movement. 1,643,693; Sept. 27.

Black, Millard S., Huntington Park, Calif. Casing cutter. 1,643,572; Sept. 27.

Blackburn, Clifton A., Little Rock, Ark. Alarm. 1,643,870; Sept. 27.

Blakely, William W., Detroit, Mich. Hold-down device for vehicles. 1,643,802; Sept. 27.

Blakesley Novelty Company, The. (See Crouch, Walter L., assignor.)

Blanchard, Walter J., Cleveland, Ohio. Centrifugal separator basket. 1,643,441; Sept. 27.

Boehm Surgical Instrument Corporation. (See Schulz, Raymond L., assignor.)

Roerner, Anton, Thompson, Nebr. Snare trap. 1,643,602; Sept. 27.

Bogardus, Arthur G., Chicago, Ill., assignor to The Grison-Russell Company, New York, N. Y. Device for protecting condensers. 1,643,803; Sept. 27.

Bolton, Archer L., North Andover, assignor to John W. Bolton and Sons, Inc., Lawrence, Mass. Self-supporting lining for Jordan engine shells. 1,643,368; Sept. 27.

Bolton, John W., and Sons. (See Bolton, Archer L., assignor.)

Bookman, Sidney M., New York, N. Y. Repeating device for phonographic records. 1,643,369; Sept. 27.

Bornstein, Joseph, Dorchester, Boston, Mass. Windshield wiper. 1,643,919; Sept. 27.

Borreson, Helge A., assignor of one-half to E. R. Hills, Chicago, Ill. Watch barrel. 1,643,403; Sept. 27.

Borreson, Helge A., assignor to The C. H. Hanson Company, Chicago, Ill. Plate mounting. 1,643,652; Sept. 27.

Bossart, Paul N., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway-traffic-controlling apparatus. 1,643,331; Sept. 27.

Bossi, Enea, New York, N. Y. Liquid-fuel-supply mechanism for motor vehicles. 1,643,539; Sept. 27.

Bots, Richard H., Syracuse, N. Y. Manufacturing vanillin. 1,643,804; Sept. 27.

Bots, Richard H., Syracuse, N. Y. Manufacturing vanillin. 1,643,805; Sept. 27.

Boudette, Clayton M., Beverly, Mass. Sound-reproducing apparatus. Re16,748; Sept. 27.

Bowles, William H., assignor of one-third to W. H. Bowles and Sons, Meadow Creek, W. Va. Rail joint. 1,643,826; Sept. 27.

Bowles, W. H., and Sons. (See Bowles, William H., assignor.)

Bowman, Clifford, Spencer, Iowa. Map construction. 1,643,831; Sept. 27.

Boyd, Dwight P., Boston, Mass. Golf shaft or the like. 1,643,573; Sept. 27.

Bradstreet, Ross, St. Charles, Ill. Gauge. 1,643,404; Sept. 27.

Brannen, Thomas L., assignor to Brown Company, Berlin, N. H. Plug cock. 1,643,370; Sept. 27.

Braren, Lorenz K., assignor to the Firm Friedrich Deckel Fabrik für Präzisionsmechanik und Maschinenbau, Munich, Germany. Screw making and turning machine. 1,643,635; Sept. 27.

Brauer, Herman, and L. H. Cron, Graver, Okla. Rock bit breaker. 1,643,442; Sept. 27.

Breitstein, Albert F., and E. A. Bartlett, assignors to The Geometric Tool Co., New Haven, Conn. Nonrotary self-opening die head. 1,643,832; Sept. 27.

Breland, Eugene F. J., Paris, France. Automatic governor for marine engines. 1,643,574; Sept. 27.

Bried, Julien A. (See Zinn, A. O., and Bried.)

Brooks, William H., San Francisco, Calif. Display and storage cabinet. 1,643,738; Sept. 27.

Brough, John, Philadelphia, Pa. Double-hung window sash. 1,643,920; Sept. 27.

Brown Company. (See Brannen, Thomas L., assignor.)

Brown Company. (See Richter, G. A., and Schur, assignors.)

Brown, Phelps, Springfield, Mass. Magneto-actuating mechanism. 1,643,636; Sept. 27.

Brownback, Henry L., Norristown, Pa. Internal-combustion engine. 1,643,603; Sept. 27.

Brubaker, W. L., & Bros. Company. (See Roderick, Marcy B., assignor.)

Bruck, Walther, Breslau, Germany. Dentifrice compound. 1,643,618; Sept. 27.

Buckley, Charles E., New Bedford, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Loom dobby. 1,643,443; Sept. 27.

Budd, Edward G., Manufacturing Company. (See Ledwinka, Joseph, assignor.)

Bump, Spencer M., assignor to The Bettcher Stamping & Manufacturing Company, Cleveland, Ohio. Chair hub. 1,643,694; Sept. 27.

Bunger, Joseph, Oklahoma City, Okla. Frame square and gauge. 1,643,695; Sept. 27.

Bunn, Rodney T., Danville, Va. Galley-slug adjuster. 1,643,540; Sept. 27.

Burnham, George A., Saugus, assignor, by mesne assignments, to Condit Electrical Manufacturing Corporation, Boston, Mass. Multipole-electric-switch casing. 1,643,444; Sept. 27.

Busha, Charley P., Redore, assignor of one-fourth to P. R. Eklund, Hibbing, and one-sixteenth to W. I. Poole, Duluth, Minn. Loping-pony toy. 1,643,371; Sept. 27.

Butcher, Galema, Norfolk, Va. Window adjustment. 1,643,871; Sept. 27.

Butcher, Galema, Norfolk, Va. Casement-window-adjustment construction. 1,643,921; Sept. 27.

Butcher, Joseph A., Lake Charles, La. Attachment for oil tanks. 1,643,833; Sept. 27.

Butters Manufacturing Company. (See Butters, R. H., and Starke, assignors.)

Butters, Robert H., and R. W. Starke, assignors to Butters Manufacturing Company, Atlanta, Ga. Tire lock. 1,643,485; Sept. 27.

Butterworth, H. W., & Sons Company. (See Bell, William C., assignor.)

Cage, John O., Silverton, Oreg. Sanding device. 1,643,872; Sept. 27.

Caldwell Lawn Mower Company. (See Haselton, Page S., assignor.)

Call, Benjamin G., Tacoma, Wash., assignor to American Smelting and Refining Company, New York, N. Y. Metallic shingle. 1,643,445; Sept. 27.

Campbell, George A., Montclair, N. J., assignor to American Telephone and Telegraph Company, Electrical network. 1,643,332; Sept. 27.

Campbell, Julian A., Long Beach, Calif. Absorber. 1,643,696; Sept. 27.

Campbell, Walter K., et al. (See Hendrickson, Dan C., assignor.)

Canfield, Lewis T., assignor to Union Draft Gear Company, Chicago, Ill. Railway car. 1,643,834; Sept. 27.

Cardullo, Forrest E., assignor to The G. A. Gray Company, Cincinnati, Ohio. Tool holder for planers and similar tools. 1,643,873; Sept. 27.

Carlson, Gustave O., Wethersfield, assignor of one-third to H. Hanson, Middletown, and one-third to C. O. Hedstrom, Portland, Conn. Tool. 1,643,835; Sept. 27.

Carson, George F. (See Meier, Axel W., assignor.)

Carter, William, Company, The. (See Redmond, Harriet L., assignor.)

Case, J. L., Threshing Machine Company. (See Smith, Henry S., assignor.)

Cawood, Richard L., East Liverpool, Ohio. Pulverizer. 1,643,874; Sept. 27.

Cawthon, Bender A., Jacksonville, Fla. Stereopticon for motion-picture projectors. 1,643,541; Sept. 27.

Cellocik Company. (See Furness, William H., assignor.)

Chadwick, Jessie D., Toronto, Ontario, Canada. Mop. 1,643,637; Sept. 27.

Chafa, Parley A., and O. R. Gruder, Bridgewater, Iowa. Shifting tractor hitch. 1,643,542; Sept. 27.

Chain Belt Company. (See Welser, George B., Jr., assignor.)

Chambers, Laurence E., Eau Claire, Wis. Refrigerator case for window display. 1,643,372; Sept. 27.

Chandler, Elbert E., Los Angeles, Calif. Measuring the strength of fibers. 1,643,333; Sept. 27.

Chason, Daniel H., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Motor controller. 1,643,292; Sept. 27.

Chicago Flexible Shaft Company. (See Kocourek, Henry, assignor.)

Childs, James. (See Pearson, E. C., and Childs.)

Christensen, Niels C., Salt Lake City, Utah. Precipitating copper from sulphate solution. 1,643,922; Sept. 27.

Christianson, Andrew, Butler, assignor to Standard Steel Car Company, Pittsburgh, Pa. Car construction. 1,643,836; Sept. 27.

Christianson, Arnold and C., Hammond, Ind. Brake structure. 1,643,837; Sept. 27.

Christianson, Christian. (See Christianson, Arnold and C.)

Christner, George C., Rivesville, W. Va. Crosstie. 1,643,923; Sept. 27.

Christy, Frank W., Beverly, Mass. Lighting apparatus. 1,643,697; Sept. 27.

Chromatic Tool Company. (See Klouman, Henning, assignor.)

Chromatic Tool Company. (See Sullivan, William B., assignor.)

Chrysler Corporation. (See Kent, Philip J., assignor.)

Cincinnati Ball Crank Company, The. (See Walter, Fred C., assignor.)

Clives, Frank H., assignor to French Battery Company, Madison, Wis. Dry cell. 1,643,486; Sept. 27.

City of Jacksonville. (See Mickler, Raymond Y., assignor.)

Clasen, Walther, Cologne-on-the-Rhine, Germany. Production of new ester mixtures. 1,643,619; Sept. 27.

Clapp, Albert L., Danvers, assignor to The Flintkote Company, Boston, Mass. Method and mechanism for making tapered shingles. 1,643,373; Sept. 27.

Clapp, Albert L., Danvers, assignor to Beckwith Manufacturing Company, Boston, Mass. Heel and making the same. 1,643,374; Sept. 27.

Clark, Edwin M., Clarkston, Mich. Storage tank. 1,643,924; Sept. 27.

Clark, Warren F., Cleveland, Ohio. Heat-controlling device. 1,643,575; Sept. 27.

Clarke, Patrick J., assignor of one-half to M. Jaros, Chicago, Ill. Burglar guard. 1,643,293; Sept. 27.

Coggshall, George W., and A. Reilly, assignors to The Jefferson Construction and Oil Treating Company, Washington, D. C. Separating oily emulsions. 1,643,698; Sept. 27.

Coggshall, George W., and A. Reilly, assignors to The Jefferson Construction and Oil Treating Company, Washington, D. C. Treating emulsions. 1,643,699; Sept. 27.

Cole, Marshall W., Richmond, Va. Drop hammer. 1,643,875; Sept. 27.

Cole, Paul, Tyrrell, Ohio. Jar clamp and wrench. 1,643,876; Sept. 27.

Collins, Fred L., Pueblo, Colo. Brake lock. 1,643,334; Sept. 27.

Colonna, Angelo, Philadelphia, Pa. Box-joint-grooving machine. 1,643,576; Sept. 27.

Commercial Cable Company, The. (See Herbig, Henry F., assignor.)

Compagnie d'Applications Mécaniques. (See Rouanet, Louis, assignor.)

Condit Electrical Manufacturing Corporation. (See Burnham, George A., assignor.)

Consolidated Car-Heating Company. (See Haynes, Lee P., assignor.)

Consolidated Iron-Steel Manufacturing Company, The. (See Lehman, Joseph, assignor.)

Consortium für Elektrochemische Industrie G. m. b. H. (See Herrmann, W. O., Deutsch, and Haehnel, assignors.)

Cooke, Harry, Jr., Garfield, N. J. Traffic signal. 1,643,925; Sept. 27.

Corbin, Emmett T., Hamilton, Ohio. Concrete-column clamp. 1,643,838; Sept. 27.

Corson, Michael G. (See Korsunsky, Michael G.)

Cowlin, Arthur H., Sidney, British Columbia, Canada. Interchangeable rubber heel. 1,643,294; Sept. 27.

Cradle, Joel E., Los Angeles, Calif. Clutch. 1,643,543; Sept. 27.

Craig, Edward, St. Joseph, assignor to Saranac Automatic Machine Corporation, Benton Harbor, Mich. Hoop-making machine. 1,643,487; Sept. 27.

Crawford, James L. (See Swan, H. B., and Crawford.)

Creamette Company, The. (See Quiggle, Arthur W., assignor.)

Crompton & Knowles Loom Works. (See Buckley, Charles E., assignor.)

Crompton & Knowles Loom Works. (See Jennings, V. H., and Watson, assignors.)

Crompton & Knowles Loom Works. (See Lane, Edward L., assignor.)

Crompton & Knowles Loom Works. (See Payne, Oscar V., assignor.)

Crompton & Knowles Loom Works. (See Ryon, Eppa H., assignor.)

Crompton & Knowles Loom Works. (See Unwin, K. J., and Wakefield, assignors.)

Crompton & Knowles Loom Works. (See Wakefield, Walter H., assignor.)

Cron, Lon H. (See Brauer, H., and Cron.)

Cross, Edward A., Spring Arbor, Mich. Roof binding. 1,643,877; Sept. 27.

Cross, Walter M., Kansas City, Mo., assignor to Gasoline Products Company, New York, N. Y. Treating petroleum hydrocarbons. 1,643,446; Sept. 27.

Crouch, Walter L., assignor to The Blakesley Novelty Company, Bristol, Conn. Floor mop. 1,643,878; Sept. 27.

Crump, Ellen B., Nitta Yuma, Miss. Manicuring device. 1,643,295; Sept. 27.

Curry, Gordon C., assignor, by mesne assignments, to The Hoover Company, North Canton, Ohio. Nozzle adjustment for suction sweepers. 1,643,763; Sept. 27.

Cushman, John P., Ashtabula, Ohio. Car-platform cradle for car wheels. 1,643,544; Sept. 27.

Dade, Thomas G., Dayton, Ohio. Wheel. 1,643,700; Sept. 27.

Dallas, Charles D., Winnetka, Ill. Tube-cleaning apparatus for tinning purposes. 1,643,545; Sept. 27.

Dalton, William, Schenectady, N. Y. Railroad track. 1,643,701; Sept. 27.

Damm, Arvid G., Ronninge, Sweden. Apparatus for deciphering cipher messages. 1,643,546; Sept. 27.

Dana, J. W. (See Nalman, Julius, assignor.)

Darby, Scott R., Medford, Oreg. Tractor wheel. 1,643,702; Sept. 27.

Davenport, Hugh McC., Los Angeles, Calif. Cigarette holder, damper, and preserver. 1,643,703; Sept. 27.

Davies, David R., Manchester, England, assignor to Westinghouse Electric & Manufacturing Company. Electric switch. 1,643,806; Sept. 27.

Davies, W. Sanders, et al., trustees. (See Peale, Richard, assignor.)

Davis, Charles E., assignor to Goodman Manufacturing Company, Chicago, Ill. Power shovel. 1,643,704; Sept. 27.

De Jarny, Edouard J. P. C., Bry-sur-Marne, France. Manufacturing condensation products from phenols and formaldehydes. 1,643,447; Sept. 27.

De Meyer, Emil, Brooklyn, N. Y. Cement block pavement. 1,643,579; Sept. 27.

De Saussure, William P., Jr., Englewood, N. J. Index rack. 1,643,547; Sept. 27.

Deckel, Friedrich, Fabrik für Präzisionsmechanik und Maschinenbau. (See Braren, Lorenz K., assignor.)

Delaware Punch Company of America. (See Lyons, Earle K., assignor.)

Den Besten, Gerrit, Holland, Mich. Safety hitch. 1,643,653; Sept. 27.

Denman, Earl W., Swissvale, Pa., assignor to Westinghouse Electric & Manufacturing Company. Oil cup for ceiling fans. 1,643,807; Sept. 27.

Denver Rock Drill Mfg. Co., The. (See Katterjohn, August H., assignor.)

Denver Rock Drill Manufacturing Company, The. (See Nell, Gustave M., assignor.)

Dethier, Joseph. (See Liron, L., and Dethier.)

Deutsch, Linus. (See Herrmann, W. O., Deutsch, and Haehnel.)

Devereaux, William C., Detroit, Mich. Door-lock construction. 1,643,764; Sept. 27.

Devine, Joseph P., Buffalo, N. Y. Vacuum pump and compressor for milking machines. 1,643,296; Sept. 27.

Dickson, Ensign E., assignor to Johnson & Johnson, New Brunswick, N. J. Emergency dressing. 1,643,926; Sept. 27.

Didion, Jacob, Valley Park, Mo. Runner bar for plate-glass-grinding machines. 1,643,928; Sept. 27.

Dieckmann, Edward H., Florissant, Mo. Tractor. 1,643,375; Sept. 27.

Dietrich, William S., assignor to The Greenville Steel Car Company, Greenville, Pa. Sawing apparatus and method. Re16,747; Sept. 27.

Dilger, Frank S., Yankton, S. Dak. Legging. 1,643,620; Sept. 27.

Dinkelspiel & Co. (See Dinkelspiel, Lawrence, assignor.)

Dinkelspiel, Lawrence, assignor to Dinkelspiel & Co., Inc., West New York, N. J. Lace. Des. 73,515; Sept. 27.

Dixon, James, Phoenix, Ariz. Snubber. 1,643,927; Sept. 27.

Dobson, William A., Bridgeport, Conn., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,643,654; Sept. 27.

Dodge, Adiel Y., South Bend, Ind., assignor to Bendix Brake Company, Chicago, Ill. Brake. 1,643,548; Sept. 27.

Doolcher, Jacob, Hillsdale, Mich. Portable elevator. 1,643,448; Sept. 27.

Donnelly, James O., Herndon, and F. D. Simminger, Ludell, Kans. Hole-digging mechanism. 1,643,549; Sept. 27.

Dootson, Norman L., San Francisco, Calif. Hatband. 1,643,335; Sept. 27.

Dornier, Claudius, Friedrichshafen-on-the-Bodensee, assignor to the Firm Dornier Metallbauten Gesellschaft mit beschränkter Haftung, Friedrichshafen, Germany. Hollow light metal glider. 1,643,577; Sept. 27.

Dornier Metallbauten Gesellschaft mit beschränkter Haftung. (See Dornier, Claudius, assignor.)

Dry Zero Corporation. (See Lindsay, Harvey B., assignor.)

Duncan, Robert D., Jr., East Orange, N. J., assignor to Wired Radio, Inc., New York, N. Y. Polyphase high-frequency-current generator. 1,643,405; Sept. 27.

Dunham, Charles E., Los Angeles, Calif. Waste-pipe tool. 1,643,628; Sept. 27.

Duplex Printing Press Company. (See Bechman, Henry F., assignor.)

Du Pont, E. I., de Nemours & Company. (See Reid, E. E., and Schwartz, assignors.)

Duralex Corporation. (See Wilson, John A., assignor.)

Dykes, Hugh T., Berkeley, Calif. Wall furnace. 1,643,705; Sept. 27.

East, Harry R., Los Angeles, Calif. Vehicle steering-wheel attachment. 1,643,706; Sept. 27.

Eastern Tool & Mfg. Co. (See Falstrom, Henry W., assignor.)

Eastern Tool & Mfg. Co. (See Mountan, Adolf, assignor.)

Eaton, William D., and W. T. Lamb, Jacumba, Calif. Positioning pavement reinforcing. 1,643,578; Sept. 27.

Edgerton, Israel V., assignor to Palace Poultry Car Company, Chicago, Ill. Car ventilator. 1,643,765; Sept. 27.

Ehrlén, Harry W., Bellevue, and J. H. Matthews, assignors to Jas. H. Matthews & Company, Pittsburgh, Pa. Fountain inkling roll. 1,643,488; Sept. 27, 1927.
 Ehrlich, Adolf, Budapest, Hungary. Tugboat moved by means of two-limbed oars. 1,643,839; Sept. 27.
 Ekland, Peter R., et al. (See Busha, Charley P., assignor.)
 Elder Manufacturing Company. (See Elder, William G., assignor.)
 Elder, William G., assignor to Elder Manufacturing Company, Bardonia, N. Y. Corner guide and plumb rule. 1,643,880; Sept. 27.
 Electric Boat Company. (See Nibbs, Ernest, assignor.)
 Electro Metallurgical Company. (See Korsunsky, Michael G., assignor.)
 Electro Thermostatic Control Company. (See Goodhue, J. G., and Sauvage, assignors.)
 Electro Thermostatic Control Company. (See Sauvage, Herbert J., assignor.)
 Ellis, James F., Lewiston, Idaho. Snap hook. 1,643,581; Sept. 27.
 Elman, Samuel, Syracuse, N. Y. Manufacturing garments. 1,643,707; Sept. 27.
 Engert, Charles, Berwyn, Ill. Sandwich fork. 1,643,708; Sept. 27.
 Equipment Specialties Co. (See Hull, George A., assignor.)
 Erie Steam Shovel Company. (See Armstrong, Edwin J., assignor.)
 Eriksson, Erik O., and G. V. Johansson, Stockholm, Sweden. Fluid-fuel burner. 1,643,579; Sept. 27.
 Etheridge, Ernest L., Brooklyn, N. Y. License-plate holder. 1,643,580; Sept. 27.
 Evans, W. Ira, et al. (See Szakács, Joseph, assignor.)
 Fahrwald, Frank A., Chicago Heights, Ill. Heat-resisting plate. 1,643,766; Sept. 27.
 Fairmont Box Company. (See Wade, V. M., and Zuspan, assignors.)
 Faiver, Marshall A., Girard, Ohio. Meat-block cleaner. 1,643,882; Sept. 27.
 Falkstrom, Henry W., assignor to Eastern Tool & Mfg. Co., Bloomfield, N. J. Slide. 1,643,767; Sept. 27.
 Fawcett, Gerald D., Whittier, Calif. Casing cutter. 1,643,709; Sept. 27.
 Feldman, J. M. Co., The. (See Holdeman, Harry R., assignor.)
 Fife, Kiley C., Manchester, N. H. Garment fastener. 1,643,883; Sept. 27.
 Flach, John S., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Label-attaching seam. 1,643,406; Sept. 27.
 Fischer, Max W., Portland, Oreg. Hinge. 1,643,621; Sept. 27.
 Fisher Body Corporation. (See Simpson, Emory G., assignor.)
 Fitch, Benjamin F., Greenwich, Conn. Apparatus for handling freight. 1,643,489; Sept. 27.
 Fitch, John S., and J. F. Tobin, Everts, Alberta, Canada. Gate. 1,643,297; Sept. 27.
 Fitzgerald, Francis A. J., Niagara Falls, N. Y., assignor to Harper Electric Furnace Corporation. Electric furnace. 1,643,808; Sept. 27.
 Flago, Philipp F., assignor to Klauer Manufacturing Co., Dubuque, Iowa. Building structure. 1,643,934; Henrik, assignor.)
 Fleming, James R., Scranton, Pa. Truck for nine cars. 1,643,298; Sept. 27.
 Flunkote Company, The. (See Clapp, Albert L., assignor.)
 Florence, Allen E., Dallas, Tex. Garbage receptacle. 1,643,407; Sept. 27.
 Ford, Edward, Plate Glass Company, The. (See Schutz, Harold R., assignor.)
 Fornaca, Guido, Turin, Italy. Pneumatic buffer for reciprocating machine members. 1,643,408; Sept. 27.
 Foundation Oven Corporation. (See Wright, William H., assignor.)
 Fox, Abraham, assignor to The Patricia Petticoat Company, New York, N. Y. Slip. 1,643,884; Sept. 27.
 Frank, Harrison, J. L., assignor to Mutual Electric and Machine Company, Detroit, Mich. Safety switch. 1,643,768; Sept. 27.
 Franklin Railway Supply Company. (See Martin, Frederick W., assignor.)
 Frazier, George H., Crafton, and A. E. Herrold, Pittsburgh, Pa. Derailor. 1,643,376; Sept. 27.
 Freeman, Joseph. (See O'Brien, F. E., and Freeman, assignor.)
 Freeman, Louis. (See O'Brien, F. E., and Freeman.)
 Freeman, Roll, Chicago, Ill. Garage. 1,643,409; Sept. 27.
 French Battery Company. (See Clives, Frank H., assignor.)
 Frickley, Royal E., San Francisco, and A. S. Kalenborn, Redwood City, Calif. Engine controller for welding systems. 1,643,550; Sept. 27.
 Friden, Carl M. E., Oakland, Calif. Register dial. 1,643,551; Sept. 27.
 Friden, Carl M. F., Piedmont, Calif. Calculating machine. 1,643,710; Sept. 27.
 Fried, Krupp Aktiengesellschaft. (See Bartholdy, Max, assignor.)
 Frost-Selvester P., Dallas, Tex. Scraper. 1,643,836; Sept. 27.

Fry, Clayton E., Newark, N. J., assignor to The H. A. Wilson Company. Thermostatic metal. 1,643,809; Sept. 27.
 Fry, John W., Struthers, Ohio. Multiple spring. 1,643,840; Sept. 27.
 Fuller, James H., Columbus, Ohio. Aiding the sorting of documents. 1,643,841; Sept. 27.
 Furness, William H., National Park, N. J., assignor to Cellocik Company, Philadelphia, Pa. Apparatus for filtering. 1,643,299; Sept. 27.
 Gasoline Products Company. (See Cross, Walter M., assignor.)
 Gast, Ernest A., Cincinnati, Ohio. Plating machine. 1,643,604; Sept. 27.
 Gatchell, Helen C., Chicago, Ill. Street sign. 1,643,552; Sept. 27.
 Gebrüder Stelmel. (See Kuchenmeister, Fritz, assignor.)
 Geiger, Paul H., Wilkesburg, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway train-control apparatus. 1,643,337; Sept. 27.
 General Motors Corporation. (See Ruppert, Albert A., assignor.)
 Genslor, Nicholas, et al. (See Szakács, Joseph, assignor.)
 Geometric Tool Co., The. (See Breitenstein, A. F., and Bartelt, assignors.)
 Giancola, Nicholas, assignor of one-third to J. Reece and E. H. Behrie and one-sixth to R. L. McLaran, St. Louis, Mo. Lapel turner. 1,643,410; Sept. 27.
 Gibson, Randolph H., Chicago, Ill. Cigar-lighter cabinet. Des. 73,516; Sept. 27.
 Giles, Isaac F., Yonkers, assignor to Helite Electric Manufacturing Corporation, Tuckahoe, N. Y. Electric socket. 1,643,655; Sept. 27.
 Gill, Clarence D., Trenton, N. J. Loading and hauling automobiles. 1,643,885; Sept. 27.
 Gilleland, Edgar B., Kansas City, Mo., assignor of one-fourth to J. McSweeney, Council Bluffs, Iowa. Commutator brush. 1,643,842; Sept. 27.
 Gladstone, William D., New York, N. Y. Operating device for cymbals. 1,643,553; Sept. 27.
 Glass, James A., Windsor, Ontario, Canada. Ventilating window construction. 1,643,554; Sept. 27.
 Gleason Works. (See Johanson, Magnus H., assignor.)
 Gledhill, Edward C., Gallon, Ohio. Vehicle guard. 1,643,555; Sept. 27.
 Gluck, Herman H., et al. (See Stowell, Francis H., assignor.)
 Globe Lighting Fixture Mfg. Co. (See Petersen, Thorvald J., assignor.)
 Goddu, George, Winchester, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Finishing machine. 1,643,556; Sept. 27.
 Gold, Egbert H., Evanston, Ill. Train-pipe end valve. 1,643,300; Sept. 27.
 Goldman, Sigmund L., assignor to Red Sun Products Co., Chicago, Ill. Bottle-capping machine. 1,643,557; Sept. 27.
 Goldsmith, P., Sons Company, The. (See Joseph, Leslie R., assignor.)
 Goodhue, Julian G., Evanston, and H. J. Sauvage, Chicago, assignors to Electric Thermostatic Control Company, Chicago, Ill. Alarm-clock switch. 1,643,843; Sept. 27.
 Goodman Manufacturing Company. (See Davis, Charles E., assignor.)
 Goodman, Patrick, Brooklyn, N. Y. Fitting for gas-pressure gauges. 1,643,886; Sept. 27.
 Gougler, Clyde J., Tulsa, Okla. Corner brace for tubular derrick girts. 1,643,887; Sept. 27.
 Gougler, Clyde J., Tulsa, Okla. Girt brace for derricks. 1,643,888; Sept. 27.
 Grab, Carl, Ludwigshafen-on-the-Rhine, Germany. Air moistener. 1,643,844; Sept. 27.
 Graf, Rudolf, and W. Lapp, Nuremberg, Germany. Glass ampul serving as packing receptacle for surgical sewing material. 1,643,490; Sept. 27.
 Grassell Dyestuff Corporation. (See Tesche, H., and Job, assignors.)
 Gray, G. A., Company, The. (See Cardullo, Forrest E., assignor.)
 Gray, Geoffrey A., Cincinnati, Ohio, and M. B. Newburger, Covington, Ky. Treating butter cream. 1,643,301; Sept. 27.
 Great Lakes Golf Corporation. (See Sleith, Samuel W., assignor.)
 Green, Samuel G., Gray, Ga. Mount for guns. 1,643,491; Sept. 27.
 Greene, Delle, Pittsburgh, Pa. Washboard. 1,643,845; Sept. 27.
 Greenville Steel Car Company, The. (See Dietrich, William S., assignor.)
 Greger, Henrik, assignor to The Hooven, Owens, Rentschler Company, Hamilton, Ohio. Valve gear. 1,643,492; Sept. 27.
 Gregg, Mark H., Oakland, Calif. Tire vulcanizer. 1,643,493; Sept. 27.
 Griness, Frank. (See Travnick, Frank.)
 Griscom-Russell Company, The. (See Bogardus, Arthur G., assignor.)
 Grondahl, Lars O., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling. Re16,744; Sept. 27.
 Gruber, Ottmar R. (See Chafa, P. A., and Gruber.)

Gruen, Frederick G., assignor to The Gruen National Watch Case Company, Cincinnati, Ohio. Watchcase. Des. 73,517; Sept. 27.
 Gruen National Watch Case Company, The. (See Gruen, Frederick G., assignor.)
 Guide Motor Lamp Company, The. (See Michel, Clarence A., assignor.)
 Guide Motor Lamp Manufacturing Company, The. (See Michel, Clarence A., assignor.)
 Gunn, Charles H., San Francisco, Calif. Ball cock. 1,643,558; Sept. 27.
 Gustin, Daniel S., Newark, N. J., assignor to Westinghouse Lamp Company. Gas-filled incandescent lamp and getter therefor. 1,643,810; Sept. 27.
 Guth, Edwin P., Company, The. (See Owen, Raymond V., assignor.)
 Guth, Edwin P., St. Louis, Mo. Lighting fixture. Des. 73,518; Sept. 27.
 Haag, Albert R., Peoria, Ill. Washing machine. Re16,746; Sept. 27.
 Hadam, Max, Chemnitz, assignor to Maschinenfabrik Kappel A. G., Chemnitz-Kappel, Germany. Jacquard mechanism for embrodering machines. 1,643,449; Sept. 27.
 Haddock, William J., Baxter Springs, Kans. Fuel burner. 1,643,889; Sept. 27.
 Haehnel, Wolfram. (See Herrmann, W. O., Deutsch, and Haehnel.)
 Hale, James S., Barnesville, Ga. Spraying attachment for plows. 1,643,846; Sept. 27.
 Haley, Reuben, Beaver, Pa., assignor to Indiana Glass Company, Dunkirk, Ind. Service dish. Des. 73,519; Sept. 27.
 Hall, Albert J., Berkeley, Calif. Fan drive for engines. 1,643,622; Sept. 27.
 Hallum, Otto P., and A. Sletten, Minneapolis, Minn. Dental amalgamator. 1,643,847; Sept. 27.
 Halvorsen, Halbert B., Chicago, Ill., assignor to Sullivan Machinery Company. Core drill. 1,643,338; Sept. 27.
 Hanson, C. H., Company, The. (See Borresen, Helge A., assignor.)
 Hanson, Henry, et al. (See Carlson, Gustave O., assignor.)
 Hargreaves, Herbert, Philadelphia, Pa. Automobile brake. 1,643,890; Sept. 27.
 Harper Electric Furnace Corporation. (See Fitzgerald, Francis A. J., assignor.)
 Harper Electric Furnace Corporation. (See Kelleher, James, assignor.)
 Haselton, Page S., Bayside, assignor to Caldwell Lawn Mower Company, Newburgh, N. Y. Electric lawn mower. 1,643,656; Sept. 27.
 Hayde, Stephen J., assignor to American Aggregate Company, Kansas City, Mo. Preparing a material suitable for use in the manufacture of molded articles. Re16,750; Sept. 27.
 Hayes, Walter A., Denver, Colo. Burglarproof booth. 1,643,494; Sept. 27.
 Hedgecock, William C., assignor to American Steel Foundries, Chicago, Ill. Railway-car truck structure. 1,643,495; Sept. 27.
 Hedstrom, Carl O., et al. (See Carlson, Gustave O., assignor.)
 Heinrich, Walter A., assignor to W. N. Matthews Corporation, St. Louis, Mo. Anchor. 1,643,769; Sept. 27.
 Heisel, Ralph E., Chillicothe, assignor to The Mead Pulp & Paper Company, Dayton, Ohio. Paper-making apparatus. 1,643,657; Sept. 27.
 Helolan, Ernest, Highland Park, Mich. Dish stand. 1,643,450; Sept. 27.
 Hemphill Company. (See Landry, Aldei, assignor.)
 Hendrickson, Dan C., Wichita Falls, Tex., assignor of one-half to W. K. Campbell and one-half to L. D. Baird, Tulsa, Okla. Carburetor. 1,643,711; Sept. 27.
 Henson, William P., Sacramento, Calif. Tire mold. 1,643,712; Sept. 27.
 Herbig, Henry F., Maplewood, N. J., assignor to The Commercial Cable Company, New York, N. Y. Method of and apparatus for amplifying electric signal impulses. 1,643,713; Sept. 27.
 Hermann, Willy O., H. Deutsch, and W. Haehnel, assignors to Consortium für Elektrochemische Industrie G. m. b. H., Munich, Bavaria, Germany. Improving aldehyde resins. 1,643,496; Sept. 27.
 Herrold, Albert E. (See Frazier, G. H., and Herrold.)
 Hesse, Paul F., Pawtucket, R. I. Apparel collar. 1,643,497; Sept. 27.
 Heywood-Wakefield Company. (See Stinson, George, assignor.)
 Hibbert, Ernest, Goulburn, New South Wales, Australia. Tire for motor vehicles and the like and manufacturing same. 1,643,848; Sept. 27.
 Hickman, Charles D., Philadelphia, Pa. Interior valve for radiators. 1,643,451; Sept. 27.
 Hicks, Alie H., Omaha, Nebr. Hair clipper. 1,643,559; Sept. 27.
 Hillix, Foster F., assignor, by mesne assignments, to White Sewing Machine Corporation, Cleveland, Ohio. Cord lock. 1,643,658; Sept. 27.
 Hillix, Foster F., assignor, by mesne assignments, to White Sewing Machine Corporation, Cleveland, Ohio. Connector for electric conductors. 1,643,659; Sept. 27.
 Hills, Edward R. (See Borresen, Helge A., assignor.)

Hinrichsen, Edward E., assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone system. 1,643,452; Sept. 27.
 Hoffman, George A., assignor to The New Method Stove Company, Mansfield, Ohio. Gas-range oven. 1,643,339; Sept. 27.
 Holdeman, Harry R., assignor to The J. M. Feldman Co., Inc., Los Angeles, Calif. Italian-effect lighting-fixture shield. Des. 73,520; Sept. 27.
 Holdeman, Harry R., assignor to The J. M. Feldman Co., Inc., Los Angeles, Calif. Italian-effect lighting-fixture shield. Des. 73,521; Sept. 27.
 Holdeman, Harry R., assignor to The J. M. Feldman Co., Inc., Los Angeles, Calif. Scroll-effect lighting-fixture ornament. Des. 73,522; Sept. 27.
 Holdeman, Harry R., assignor to The J. M. Feldman Co., Inc., Los Angeles, Calif. Italian-effect lighting-fixture ring. Des. 73,523; Sept. 27.
 Hole, Sidney, Albourn, Hassocks, England. Receiving apparatus for attachment to house doors, walls, or other parts of buildings. 1,643,639; Sept. 27.
 Holland, Newman H., East Orange, N. J. Phonograph record. 1,643,770; Sept. 27.
 Holliday, Robert L., assignor to Industrial Spray-Drying Corporation, New York, N. Y. Manufacture of a finely-divided dry soap product. Re16,749; Sept. 27.
 Holst, Gilles, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. X-ray tube. 1,643,453; Sept. 27.
 Holte, Halvor, special administrator. (See Holte, Harold O.)
 Holte, Harold O., Wilkesburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical relay. 1,643,340; Sept. 27.
 Holte, Harold O., deceased, Pittsburgh, H. Holte, special administrator, assignor to The Union Switch & Signal Company, Swissvale, Pa. Train-carried receiver for automatic train-control systems. 1,643,377; Sept. 27.
 Homan, Louis J., Jr., Cincinnati, Ohio. Tracing tool. 1,643,302; Sept. 27.
 Hooven, Owens, Rentschler Company, The. (See Greger, Henrik, assignor.)
 Hoover Company, The. (See Curry, Gordon C., assignor.)
 Howell, Willie A., Jayess, Miss. Hand grip. 1,643,591; Sept. 27.
 Howells, Frank E., and L. L. Leach, Steelton, assignors to Bethlehem Steel Company, Bethlehem, Pa. Device for tilting rails. 1,643,714; Sept. 27.
 Howes, Frederick C., and F. L. Savageau, Denver, Colo. Apparatus for printing cylindrical objects. 1,643,605; Sept. 27.
 Howes, S. Co. Inc. (See Shumaker, Charles F., assignor.)
 Hoyt, Arthur S., New York, N. Y. Making a new food and the product. 1,643,772; Sept. 27.
 Hubbard, William, Herkimer, N. Y., assignor to United Shoe Machinery Corporation, Paterson, N. J. Heel-building machine and method. 1,643,498; Sept. 27.
 Hughes, William A., East Chattanooga, Tenn., assignor to Scott & Williams, Incorporated, New York, N. Y. Ribbed-top-holding-down attachment for knitting machines. 1,643,849; Sept. 27.
 Hull, George A., assignor to Equipment Specialties Co., Chicago, Ill. Air circulating means for refrigerator cars. 1,643,892; Sept. 27.
 Hulsman, Oscar C., Middleboro, Mass. Roundabout. 1,643,499; Sept. 27.
 Humphris, Frank, Parkstone, England. Construction of bearer plates for use in presses and like machines. 1,643,893; Sept. 27.
 Hunt, Mary. (See Thompson, Arthur R., assignor.)
 Hunt-Spiller Manufacturing Corporation. (See Platt, John G., assignor.)
 Hupp, Lanzo R., Urbana, Ohio. Drill set. 1,643,378; Sept. 27.
 Hutchinson, William A., Orlando, Fla. Wheel structure. 1,643,379; Sept. 27.
 Hyde Engineering Company. (See Hyde, Henry W., assignor.)
 Hyde, Henry W., North Cohasset, assignor to Hyde Engineering Company, Boston, Mass. Spring suspension for vehicles. 1,643,811; Sept. 27.
 Hynes, Lee P., assignor, by mesne assignments, to Consolidated Car-Heating Company, Inc., Albany, N. Y. Car-door operation. 1,643,454; Sept. 27.
 I. G. Farbenindustrie Aktiengesellschaft. (See Klatte, F., and Söll, assignors.)
 Iacovino, Pietro, New York, N. Y. Arch supporter. 1,643,812; Sept. 27.
 Helite Electric Manufacturing Corporation. (See Giles, Isaac F., assignor.)
 Indiana Glass Company. (See Haley, Reuben, assignor.)
 Industrial Spray-Drying Corporation. (See Holliday, Robert L., assignor.)
 International Patents Fiscal Corporation. (See Slate, Thomas B., assignor.)
 Iseman, John W., Brooklyn, assignor of fifty per cent to J. D. Small, New York, N. Y. Rivet. 1,643,771; Sept. 27.
 Iken, Martin, Skagway, Alaska. Spark-plug cleaner. 1,643,606; Sept. 27.
 Jacobson, Arthur, and A. L. Ogilvie, San Francisco, Calif. Flushing valve. 1,643,500; Sept. 27.
 Jakubiak, Edmund J., Detroit, Mich. Light support. 1,643,455; Sept. 27.

James, Samuel W., Chicago, Ill. Serving implement. 1,643,456; Sept. 27.
 Jaros, Matthew. (See Clarke, Patrick J., assignor.)
 Jaspert, William B., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electrode-feeding means. 1,643,773; Sept. 27.
 Jefferson Construction and Oil Treating Company, The. (See Coggeshall, G. W., and Reilly, assignors.)
 Jenkins, Charles F., Washington, D. C. Billboard radio picture receiver. 1,643,660; Sept. 27.
 Jennings, R. J. (See Tyson, William M., assignor.)
 Jennings, Victor H., and H. H. Watson, assignors to Crompton & Knowles Loom Works, Worcester, Mass. Thread cutter for looms. 1,643,457; Sept. 27.
 Job, Albert. (See Tesche, H., and Job.)
 Johanson, Magnus H., assignor to Gleason Works, Rochester, N. Y. Tool mechanism for gear-cutting machines. 1,643,813; Sept. 27.
 Johansson, Gustav V. (See Eriksson, E. O., and Johansson.)
 Johnson & Johnson. (See Dickson, Ensign E., assignor.)
 Johnson, Harvey L., assignor to American Locker Company, Chicago, Ill. Coin-controlled lock. 1,643,458; Sept. 27.
 Johnson, Magnus. (See Sever, F., and Johnson.)
 Johnson, Waldo P., Chicago, Ill. Feed trough for poultry cars. 1,643,501; Sept. 27.
 Johnson, William, Muskegon Heights, Mich. Cylinder-honing device. 1,643,459; Sept. 27.
 Jones, Arthur W., Randolph, Wis. Splint. 1,643,850; Sept. 27.
 Jones, Charlotte M., Philadelphia, Pa. Music-scale-indicating device. 1,643,303; Sept. 27.
 Jones, George E., sr., Knoxville, Tenn. Wheel. 1,643,460; Sept. 27.
 Jones, Thomas W. (See Syer, J. E., and Jones.)
 Jordan, Roy E., Newark, N. J., assignor to The Mosaic Tile Company. Receptacle for rolls of toilet paper. 1,643,380; Sept. 27.
 Joseph, Leslie B., assignor to The P. Goldsmith Sons Company, Cincinnati, Ohio. Shoe. 1,643,851; Sept. 27.
 Junge, Erich, Staten Island, N. Y. Internal-combustion engine. 1,643,581; Sept. 27.
 Kahn, Isaac T., Cleveland, Ohio. Container for collapsible tubes. 1,643,381; Sept. 27.
 Kalenborn, Arion S. (See Frickey, R. E., and Kelenborn.)
 Katterjohn, August H., assignor to The Deaver Rock Drill Mfg. Co., Denver, Colo. Fluid-actuated tool. 1,643,560; Sept. 27.
 Katz, Jack, New York, N. Y. Clock case. Des. 73,524; Sept. 27.
 Katz, Jack, New York, N. Y. Clock case. Des. 73,525; Sept. 27.
 Katz, Jack, New York, N. Y. Clock case. Des. 73,526; Sept. 27.
 Kauch, Robert, and C. L. Paulus, Dayton, Ohio. Ground speed indicator. 1,643,381; Sept. 27.
 Keene, Alvin D., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electric furnace. 1,643,774; Sept. 27.
 Kelleher, James, Chippawa, Ontario, Canada, assignor to Harper Electric Furnace Corporation. Tunnel kiln. 1,643,775; Sept. 27.
 Kelley, John R., Covington, Ky. Radiographic apparatus. 1,643,382; Sept. 27.
 Kendall, Thomas W., Newark, N. J. Hanger. 1,643,661; Sept. 27.
 Kennedy, Ernest N., London, England. Safety razor. 1,643,383; Sept. 27.
 Kent, Philip J., Royal Oak, assignor to Chrysler Corporation, Detroit, Mich. Automobile instrument panel. Des. 73,527; Sept. 27.
 Kern, Albert L., Aurora, Ill. Automobile bumper. 1,643,776; Sept. 27.
 Kleiberg, Henry, Martins Ferry, Ohio. Burner for radiant gas heaters. 1,643,607; Sept. 27.
 King, Jefferson D., Griffin, Ga. Bed brace. 1,643,502; Sept. 27.
 Kinney, James A., Lebanon, assignor to Bethlehem Steel Company, Bethlehem, Pa. Die opening and closing mechanism. 1,643,662; Sept. 27.
 Kinzel, Arch H., Akron, Ohio. Gasket. 1,643,561; Sept. 27.
 Kirschberg, Sigmund, San Francisco, Calif. Bedspring fabric. 1,643,623; Sept. 27.
 Klafke, Albert, Munich, Germany. Lock for nuts and screw heads. 1,643,384; Sept. 27.
 Klatte, Fritz, and J. Söll, Schwanheim-on-the-Main, assignors to I. G. Farbenindustrie, Aktiengesellschaft, Frankfurt, Germany. Production of methane. 1,643,663; Sept. 27.
 Klauer Manufacturing Co. (See Flagge, Philipp F., assignor.)
 Kleinsmith, Frederick, Indianapolis, Ind. Cushion adjuster. 1,643,715; Sept. 27.
 Klouman, Henning, Michigan City, Ind., assignor to Chromatic Tool Company. Making metal castings. 1,643,777; Sept. 27.
 Knowles, E. B. (See Phelan, John A., assignor.)
 Kocourek, Henry, assignor to Chicago Flexible Shaft Company, Chicago, Ill. Terminal plug and sheath for electric cables. 1,643,462; Sept. 27.
 Korsunsky, Michael G., Jackson Heights, N. Y., now, by judicial change of name, M. G. Corson, assignor to Electro Metallurgical Company. Silver-silicon alloy and making the same. 1,643,304; Sept. 27.

Kucharski, Stanislaus, Berlin, Germany. Keyboard musical instrument. 1,643,562; Sept. 27.
 Kuchenmeister, Fritz, assignor to Gebrüder Steimel, Hennef, Germany. Dairy machine. 1,643,503; Sept. 27.
 Kunin, Paul, and R. A. Olsen, Minneapolis, Minn.; said Olsen assignor to said Kunin. Hair-curling apparatus. 1,643,411; Sept. 27.
 Kurowski, Alfred G. F., Brooklyn, assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,643,664; Sept. 27.
 Kurtz, Charles F., Rock Island, Ill. Vending machine case. Des. 73,528; Sept. 27.
 Lafitte, Theodore, Gennevilliers, France. Aeroplane bomb with safety device. 1,643,385; Sept. 27.
 Lalor, James D., assignor to The Lawlor Fuel Oil System Company, Inc., Baltimore, Md. Valve. 1,643,305; Sept. 27.
 Lamb, Walter T. (See Eaton, W. D., and Lamb.)
 Landry, Adel, assignor to Hemphill Company, Central Falls, R. I. Yarn-feeding mechanism for knitting machines. 1,643,341; Sept. 27.
 Lane, Edward L., Mooresville, N. C., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Protector mechanism for looms. 1,643,412; Sept. 27.
 Lapp, Wilhelm. (See Graf, R., and Lapp.)
 Larson, Johannes S., Dec, Oreg. Regulator for the pressure of a common source of fluid utilized in operating independent devices. 1,643,624; Sept. 27.
 Lasker, William W., Brooklyn, assignor, by mesne assignments, to Powers Accounting Machine Corporation, New York, N. Y. Counting sorter for perforated cards. 1,643,386; Sept. 27.
 Lasker, William W., Brooklyn, assignor to Powers Accounting Machine Corporation, New York, N. Y. Automatic circuit breaker for electric key punches. 1,643,778; Sept. 27.
 Lasker, William W., Brooklyn, assignor to Powers Accounting Machine Corporation, New York, N. Y. Carriage return for punching machines. 1,643,779; Sept. 27.
 Lavarrack, Frederick C., Montclair, N. J., and W. M. Page, Pittsburgh, Pa. Rail bond. 1,643,306; Sept. 27.
 Law, Robert, Woodside, and E. J. Sweda, Glendale, N. Y. Multiple switch. 1,643,894; Sept. 27.
 Lawlor Fuel Oil System Company, The. (See Lalor, James D., assignor.)
 Lawson, John F., Brooklyn, N. Y. Method and apparatus for welding. 1,643,307; Sept. 27.
 Lea, Richard, Alameda, Calif. Fish-beheading machine. 1,643,504; Sept. 27.
 Leach, Lester L. (See Howells, F. E., and Leach.)
 Ledwinka, Joseph, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Automobile body and making same. 1,643,730; Sept. 27.
 Ledwinka, Joseph, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Automobile body. 1,643,740; Sept. 27.
 Ledwinka, Joseph, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Automobile body. 1,643,741; Sept. 27.
 Ledwinka, Joseph, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Vehicle body. 1,643,742; Sept. 27.
 Ledwinka, Joseph, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Automobile body and making same. 1,643,743; Sept. 27.
 Lee, Frank M., Chicago, Ill., assignor to Sullivan Machinery Company. Channeler mechanism. 1,643,665; Sept. 27.
 Lee, Harry S., Plymouth, Mich. Air cooling of permanent molds. 1,643,780; Sept. 27.
 Leeds & Northrup Company. (See Martin, Charles A., assignor.)
 Leftwich, Jesse H., Chicago, Ill. Treating molasses and product resulting therefrom. 1,643,666; Sept. 27.
 Lehman, Joseph, assignor to The Consolidated Iron-Steel Manufacturing Company, Cleveland, Ohio. Metallic stair. 1,643,342; Sept. 27.
 Les Etablissements Poulenc Frères. (See Billon, François, assignor.)
 Lesquendieu, J., Inc. (See Lesquendieu, Joseph, assignor.)
 Lesquendieu, Joseph, Paris, France, assignor to J. Lesquendieu Inc., New York, N. Y. Box for salve or cream. 1,643,815; Sept. 27.
 Lesquendieu, Joseph, Paris, France, assignor to J. Lesquendieu Inc., New York, N. Y. Box for salve or cream. 1,643,895; Sept. 27.
 Levy, Edward, New York, N. Y. Diving armor. 1,643,667; Sept. 27.
 Lewellen, Darcy E., and E. F., Columbus, Ind. Controller. 1,643,716; Sept. 27.
 Lewellen, Emmons F. (See Lewellen, Darcy E., and E. F.)
 Lindblad, Nils, Stockholm, Sweden, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Thermoelectrical measuring arrangement. 1,643,668; Sept. 27.
 Lindenberg, Henry A., Fergus Falls, Minn. Iceless ice-cream packer. 1,643,816; Sept. 27.
 Lindsay, Harvey B., Oakland, Calif., assignor to Dry Zero Corporation, Wilmington, Del. Method and apparatus for producing bodies formed of separate fibers. 1,643,505; Sept. 27.
 Linon, Ivan, and J. Dethler, Brussels, Belgium. Pneumatic separator for spinning frames. 1,643,717; Sept. 27.

Linstow, Frederick N., assignor to A. Keyrolle & Company Limited, Hebburn-on-Tyne, England. Electric time-element device. 1,643,852; Sept. 27.
 Lippuner, John J. (See Woll, John M., assignor.)
 Lister, James R., Clinton, Mass., assignor to Roubaix Mills, Incorporated, New York, N. Y. Weaving. 1,643,817; Sept. 27.
 Little, Donald G., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Radio sending system. 1,643,781; Sept. 27.
 Locomotive Stoker Company. (See Lower, Nathan M., assignor.)
 Loeck, Glunther, assignor to the Firm of Georg Wolf G. m. b. H., Berlin, Germany. Device for examining tubes and cavities in the body. 1,643,718; Sept. 27.
 Loeck, Glunther, assignor to the Firm of Georg Wolf G. m. b. H., Berlin, Germany. Device for light-treatment of tubes and cavities in the body. 1,643,719; Sept. 27.
 Loewe, Sigmund, Berlin, Germany, assignor to Westinghouse Electric & Manufacturing Company. Device for altering the wave length. 1,643,782; Sept. 27.
 Logan, Charles W., Kenmore, assignor to Markel Electric Products, Inc., Buffalo, N. Y. Wall plate for electric-light fixtures. Des. 73,529; Sept. 27.
 Loomis, Harold S., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway braking apparatus. 1,643,669; Sept. 27.
 Loudon Machinery Company, The. (See Northmore, Robert S., assignor.)
 Loughbridge, Matthew H., Bogota, N. J. Motion-picture device. 1,643,670; Sept. 27.
 Lowenfeld, Henry, Paris, France. Syringe. 1,643,744; Sept. 27.
 Lower, Nathan M., assignor to Locomotive Stoker Company, Pittsburgh, Pa. Steam engine. 1,643,671; Sept. 27.
 Lund, Thomas, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Manufacturing of heels. 1,643,387; Sept. 27.
 Lundell, Otto, Rockford, Ill. Heat conserving and dispenser. 1,643,745; Sept. 27.
 Lutes, Henry W., Roscoe, Mo. Automobile wheel brake. 1,643,388; Sept. 27.
 Lyons, Earle K., assignor to Delaware Punch Company of America, San Antonio, Tex. Bottle. Des. 73,530; Sept. 27.
 MacArthur, David, Harrisburg, Pa., assignor to United Shoe Machinery Corporation, Paterson, N. J. Economizer for fastening-inserting machines. 1,643,389; Sept. 27.
 MacNicol, Elmo P., Memphis, Tenn. Illuminated sign. 1,643,506; Sept. 27.
 Maddox, John W., Marlon, Md. Agricultural machine. 1,643,625; Sept. 27.
 Maginnis, William J., assignor to Royal Electrotype Company, Philadelphia, Pa. Incorporating engraved plates with electros in a solid plate. 1,643,390; Sept. 27.
 Mahoney, Clarence L., Washington, D. C. Toilet-seat cover. 1,643,413; Sept. 27.
 Manning, Robert M., Mexia, Tex. Ball-unseating device in line valves. 1,643,818; Sept. 27.
 Manns, Thomas F., Newark, Del. Specific-gravity balance. 1,643,343; Sept. 27.
 Marcel, Francis R., Brooklyn, N. Y. Apparatus for waving hair. 1,643,783; Sept. 27.
 Margerison, W. H. & A. E., & Co. (See Reiss, Winold, assignor.)
 Markel Electric Products, Inc. (See Logan, Charles W., assignor.)
 Marland, Arthur, assignor to John Wood Manufacturing Company, Conshohocken, Pa. Manual holder for arc welding electrodes. 1,643,929; Sept. 27.
 Marquette Manufacturing Company. (See Nilson, Leonard D., assignor.)
 Marshall, George F., and C. W. Vogt, Tampa, Fla. Juice extractor. 1,643,819; Sept. 27.
 Martin, Charles A., Chicago, Ill., assignor to Leeds & Northrup Company, Philadelphia, Pa. Temperature-responsive apparatus. 1,643,582; Sept. 27.
 Martin, Frederick W., Bronxville, N. Y., assignor to Franklin Railway Supply Company. Locomotive-booster apparatus. 1,643,308; Sept. 27.
 Maschinenfabrik Kappel A.-G. (See Hadam, Max, assignor.)
 Matthews, James H. (See Ehrlen, H. W., and Matthews.)
 Matthews, W. N., Corporation. (See Heinrich, Walter A., assignor.)
 Matzelle, Ferdinand, Saginaw, Mich. Cereal food product. 1,643,507; Sept. 27.
 May, Joseph, Frankfort-on-the-Main, Germany. Apparatus for observing the variation of the sole-treading surface when the foot is under load and not under load. 1,643,626; Sept. 27.
 Maze, Harry T., and L. Bever, Anderson, Ind. Planter attachment. 1,643,414; Sept. 27.
 Mazzur, Frank A. (See Seaver, E., and Mazzur.)
 Mazzur, Mattie P., administratrix. (See Seaver, E., and Mazzur.)
 McAvoy, John W., Bangor, North Wales. Wood-wind and like musical instrument. 1,643,468; Sept. 27.
 McBurney, James R., Cambridge, Ohio. Glove. 1,643,391; Sept. 27.

McCann, Ronald A., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway-traffic-controlling apparatus. 1,643,344; Sept. 27.
 McClelland, David H., Pittsburgh, Pa. Demountable tire rim. 1,643,672; Sept. 27.
 McClintock, O. B., Company. (See Adams, Thomas C., assignor.)
 McClure, Elmer P., assignor to Aluminum Products Company, La Grange, Ill. Coffeepot. 1,643,309; Sept. 27.
 McCullers, Edgar W., Clayton, N. C. Dock. 1,643,464; Sept. 27.
 McDonald David A., Chicago, Ill. Saxophone mouthpiece. 1,643,310; Sept. 27.
 McGuckin, John J., assignor to Stevens Walden-Worcester, Incorporated, Worcester, Mass. Wheel puller. 1,643,896; Sept. 27.
 McKone, Leo J., Minneapolis, Minn. Connecting-rod structure. 1,643,720; Sept. 27.
 McLaren, Robert L., et al. (See Giancola, Nicholas, assignor.)
 McLenn, Barnet W., Philadelphia, Pa. Chair. Des. 73,531; Sept. 27.
 McSweeney, Joseph. (See Gilleland, Edgar B., assignor.)
 McWilliams, Arthur C., Chicago, Ill., assignor to Westinghouse Electric & Manufacturing Company. Metering panel board. 1,643,784; Sept. 27.
 Mead Pulp & Paper Company, The. (See Helsel, Ralph E., assignor.)
 Meler, Axel W., Long Beach, Calif., assignor of one-half to G. F. Carson, Los Angeles, Calif. Self-adjustable universal-joint casing. 1,643,723; Sept. 27.
 Mercola, Michael, assignor, by mesne assignments, to Ready Apron Company, Chicago, Ill. Apron. 1,643,311; Sept. 27.
 Merrill, Warren C., Alameda, Calif. Electric heating element. 1,643,673; Sept. 27.
 Mertzano, André M., assignor to American Radiator Company, New York, N. Y. Parlor-heater casing. Des. 73,532; Sept. 27.
 Mertzano, André M., assignor to American Radiator Company, New York, N. Y. Parlor-heater casing. Des. 73,533; Sept. 27.
 Metropolitan Sewing Machine Corporation. (See Wels, John P., assignor.)
 Meyer, Henry A., assignor to The Wolf Machine Company, Cincinnati, Ohio. Carcass splitter. 1,643,721; Sept. 27.
 Michel, Clarence A., assignor to The Guide Motor Lamp Company, Cleveland, Ohio. Stop signal for automobiles. 1,643,465; Sept. 27.
 Michel, Clarence A., assignor to The Guide Motor Lamp Manufacturing Company, Cleveland, Ohio. Headlight. 1,643,466; Sept. 27.
 Mickler, Raymond Y., Jacksonville, Fla., assignor to City of Jacksonville. Valve lock. 1,643,930; Sept. 27.
 Miehle Printing Press & Manufacturing Company. (See Zimmewicz, Anthony, assignor.)
 Miles, James C. (See Teare, Albert R., assignor.)
 Millen, Stanley S., assignor of one-half to M. M. Mummet, Los Angeles, Calif. Polishing mitt. 1,643,722; Sept. 27.
 Miller, Charles F., Cedar Rapids, Iowa. Mold box for butter and the like. 1,643,508; Sept. 27.
 Miller, Frank B., Norwalk, Ohio. Toy or article of similar nature. Des. 73,534; Sept. 27.
 Miller, Otto, Cincinnati, Ohio. Engine-lubricating system. 1,643,674; Sept. 27.
 Millville Manufacturing Company. (See Skedgell, David E., assignor.)
 Minton, Gustave M., jr., New York, N. Y. Perfume atomizer. Des. 73,535; Sept. 27.
 Moffatt, James R., assignor to Union Special Machine Company, Chicago, Ill. Trimming mechanism for sewing machines. 1,643,820; Sept. 27.
 Montan, Adolf, Montclair, assignor to Eastern Tool & Mfg. Co., Bloomfield, N. J. Slide. 1,643,746; Sept. 27.
 Montan, Adolf, Montclair, assignor to Eastern Tool & Mfg. Co., Bloomfield, N. J. Slide. 1,643,747; Sept. 27.
 Montgomerie, John A., Glasgow, Scotland. Bituminous emulsion. 1,643,675; Sept. 27.
 Moody, William O., La Grange, Ill. Driving box and spring saddle. 1,643,312; Sept. 27.
 Moore, Charles A., St. Paul, Minn. Ventilating, heating, and humidifying apparatus. 1,643,345; Sept. 27.
 Moore, Charles A., St. Paul, Minn. Temperature-changing and air-circulating appliance. 1,643,346; Sept. 27.
 Moore, Edgar D., Cleveland, Ohio. Automatic circuit breaker. 1,643,415; Sept. 27.
 Moore, Roswell A., and W. F. Murtha, assignors to Waterbury Buckle Co., Waterbury, Conn. Buckle. Rel. 745; Sept. 27.
 Moran, Frank B., Dallas, Tex. Driving shield. 1,643,509; Sept. 27.
 Morehouse, Eugene, assignor to B. A. Ballou & Co., Inc., Providence, R. I. Safety catch for pin stems. Des. 73,536; Sept. 27.
 Mosaic Tile Company, The. (See Jordan, Roy E., assignor.)
 Muir, Wellington W., Lockport, N. Y. Variable-temperature cooling system for internal-combustion engines. 1,643,510; Sept. 27.
 Muir, Wellington W., Lockport, N. Y. Cooling system for internal-combustion engines and operating the same. 1,643,511; Sept. 27.

Mulhern, Frederick J., Troy, N. Y. Garbage receptacle. 1,643,897; Sept. 27.
 Mullaney, John F., Colorado Springs, Colo. Molding machine. 1,643,392; Sept. 27.
 Mummert-Dixon Company. (See Mummert, Ervin S., assignor.)
 Mummert, Ervin S., assignor to Mummert-Dixon Company, Hanover, Pa. Wire loom. 1,643,347; Sept. 27.
 Mummert, Maurice M. (See Millen, Stanley S., assignor.)
 Murtha, William F. (See Moore, R. A., and Murtha.)
 Mutual Electric and Machine Company. (See Frank, Harrison J. L., assignor.)
 Myers, Warren M., Saginaw, Mich. Safety water gauge. 1,643,467; Sept. 27.
 Nagai, Kiyoshi, San Francisco, Calif. Sanitary finetooth comb. 1,643,512; Sept. 27.
 Nalman, Julius, Chicago, Ill., assignor to J. W. Dana, Kansas City, Mo. Control system for mechanically fired boilers. 1,643,640; Sept. 27.
 National Pump & Compressor Company, The. (See Wilson, Edward, assignor.)
 Neidich, Samuel A., Edgewater Park, N. J. Ink-ribbon-winding mechanism. 1,643,313; Sept. 27.
 Nell, Gustave M., assignor to The Denver Rock Drill Manufacturing Company, Denver, Colo. Rock drill. 1,643,563; Sept. 27.
 Nelson, Arthur P., Minneapolis, Minn. Rope-securing device. 1,643,676; Sept. 27.
 Newburger, Morton B. (See Gray, G. A., and Newburger.)
 Newhouse, George A., assignor of one-half to E. E. Prillaman, Yorktown, Ind. Cultivating implement. 1,643,898; Sept. 27.
 New Method Stove Company, The. (See Hoffman, George A., assignor.)
 Newton, Albert E., Providence, assignor to The Rhode Island Lace Works, Inc., West Barrington, R. I. Lace. Des. 73,537; Sept. 27.
 Nibbs, Ernest, assignor to Electric Boat Company, New London, Conn. Cylinder construction for internal-combustion engines. 1,643,677; Sept. 27.
 Niehaus, Frank, Butler, Ill. Lime spreader. 1,643,748; Sept. 27.
 Nilson, Leonard D., Wayzata, assignor to Marquette Manufacturing Company, St. Paul, Minn. Crane. 1,643,348; Sept. 27.
 Nissen, Harry P., Oakland, Calif. Fastener for sleeve holders. 1,643,627; Sept. 27.
 Novak, John. (See Novak, Julius J., assignor.)
 Nordberg, Bruno V., deceased; H. C. Nordberg, executrix, Milwaukee, Wis. Valve gear for steam engines. 1,643,853; Sept. 27.
 Nordberg, Bruno V., deceased; H. C. Nordberg, executrix, Milwaukee, Wis. Combined inlet and unloading valve gear. 1,643,899; Sept. 27.
 Nordberg, Helena C., executrix. (See Nordberg, Bruno V.)
 Norlin, Carl E., Jersey City, N. J., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,643,583; Sept. 27.
 Northmore, Robert S., Chicago, Ill., assignor to The Loudon Machinery Company, Fairfield, Iowa. Hanger for overhead trackways. 1,643,749; Sept. 27.
 Nottage, Stanley G., Murraysville, Pa., assignor to Westinghouse Electric & Manufacturing Company. Dynamo-electric machine. 1,643,785; Sept. 27.
 Novak, Julius J., assignor to J. Novak, New York, N. Y. Combined propelling and steering apparatus. 1,643,314; Sept. 27.
 O'Brien, Francis E., and L. Freeman, Northampton, Mass.; said Freeman assignor to J. Freeman, Brooklyn, N. Y. Binding post. 1,643,513; Sept. 27.
 O'Brien, William E., Swanton, Vt. Water heater. 1,643,854; Sept. 27.
 Oehm, William N., and E. W. Test, assignors to Pullman Car & Manufacturing Corporation, Chicago, Ill. Welded railway car. 1,643,416; Sept. 27.
 Oglivie, Alexander L. (See Jacobson, A., and Oglivie.)
 Olsen, Ruben A. (See Kunin, P., and Olsen.)
 Optische Anstalt C. P. Goerz Aktiengesellschaft. (See Weldert, Franz, assignor.)
 Owen, Raymond V., assignor to The Edwin F. Guth Company, St. Louis, Mo. Globe for lighting fixtures. Des. 73,538; Sept. 27.
 Pacific Gas Radiator Company. (See Spangler, Archie L., assignor.)
 Page, William M. (See Lavarack, F. C., and Page.)
 Palace Poultry Car Company. (See Edgerton, Israel V., assignor.)
 Palmer, John F., Buffalo, N. Y. Pneumatic tire. 1,643,514; Sept. 27.
 Parris, Harry, Baltimore, Md. Trap. 1,643,315; Sept. 27.
 Parsons, Newell B., La Grange, assignor to Belden Manufacturing Company, Chicago, Ill. Electric-lamp socket. 1,643,641; Sept. 27.
 Patricia Petticoat Company, The. (See Vox, Abraham, assignor.)
 Patterson, William L., Rochester, assignor to Bausch & Lomb Optical Co., Rochester, N. Y. Colorimeter. 1,643,515; Sept. 27.
 Paulus, Charles L. (See Kauch, R., and Paulus.)
 Paulus, Charles L., Dayton, Ohio. Bomb or flare rack. 1,643,468; Sept. 27.
 Paupa, Joseph, deceased; Union Trust Company, executor, assignor to J. Paupa and A. K. Volsch, Chicago, Ill. Automatic vending machine. 1,643,316; Sept. 27.

Paupa, Joseph, et al. (See Paupa, Joseph, assignor.)
 Payne, Oscar V., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Let-off mechanism for looms. 1,643,417; Sept. 27.
 Peabody Engineering Corporation. (See Seaver, E., and Mazzur, assignors.)
 Peale, Rembrandt, et al., trustees. (See Peale, Richard, assignor.)
 Peale, Richard, St. Benedict, Pa., assignor, by mesne assignments, to R. Peale, W. S. Davies, and W. S. Wallace, trustees. Conveyer mechanism. 1,643,786; Sept. 27.
 Pearson, Edmund C., and J. Childs, assignors to Vickers Limited, Westminster, London, England. Slips for supporting drill pipes in well-boring apparatus. 1,643,750; Sept. 27.
 Pechkranz, Rodolphe, Geneva, Switzerland. Electrolyzer electrode of the filter press type. 1,643,900; Sept. 27.
 Pedelty, Walter B., Mason City, Iowa. Centrifugal fan. 1,643,317; Sept. 27.
 Peer, Richard W., East Orange, assignor of one-half to P. A. Sawyer, Hasbrouck Heights, N. J. Boot and shoe and method of manufacture. 1,643,675; Sept. 27.
 Percy, Earl N. (See Yard, W. S., and Percy.)
 Perry, John E., Sharon, assignor to Valley Mould and Iron Corporation, Sharpsville, Pa. Set-up and core bar for casting ingot molds. 1,643,419; Sept. 27.
 Petersen, Thorvald J., New York, assignor to Globe Lighting Fixture Mfg. Co., Brooklyn, N. Y. Chandelier or article of similar nature. Des. 73,539; Sept. 27.
 Peterson, John N., Milwaukee, Oreg. Socket wrench. 1,643,814; Sept. 27.
 Peterson, John N., Milwaukee, Oreg. Socket wrench. 1,643,855; Sept. 27.
 Peterson, John N., Milwaukee, Oreg. Socket wrench. 1,643,901; Sept. 27.
 Peterson, William, Albert City, Iowa. Governor for gas engines. 1,643,516; Sept. 27.
 Peugh, Ray L., Oklahoma City, Okla. Book cover or protector. 1,643,418; Sept. 27.
 Phelan, John A., assignor to E. B. Knowles, Galveston, Tex. Furnace front. 1,643,902; Sept. 27.
 Phillips, Ellis J. G., assignor to Richards-Wilcox Manufacturing Company, Aurora, Ill. Traveling crane. 1,643,642; Sept. 27.
 Phillips, N. V., Gloelampenfabrieken. (See Holst, Gilles, assignor.)
 Picketts, James, San Diego, Calif. Gas engine. 1,643,584; Sept. 27.
 Pilkington Brothers Limited. (See Armstrong, Alan, assignor.)
 Pitou, Eugene, Kew Gardens, assignor to American Safety Device Co., New York, N. Y. Sign support for temporary structures. 1,643,585; Sept. 27.
 Platt, John G., Brighton, assignor to Hunt-Spiller Manufacturing Corporation, Boston, Mass. Piston ring. 1,643,628; Sept. 27.
 Poole, W. L., et al. (See Busha, Charley P., assignor.)
 Porter, Enos, Shelbyville, Ind. Rear-view mirror for automobiles. 1,643,420; Sept. 27.
 Powers Accounting Machine Corporation. (See Lasker, William W., assignor.)
 Price, Frank E., Pontiac, Mich. Side bumper. 1,643,517; Sept. 27.
 Price, John D., Milwaukee, Wis. Electric wire housing. 1,643,725; Sept. 27.
 Priestley, Abraham L., New York, N. Y. Selective printing machine. 1,643,608; Sept. 27.
 Prillaman, Elmer E. (See Newhouse, George A., assignor.)
 Pritchard, George E., Elizabeth City, N. C. Separator attachment for bean harvesters. 1,643,629; Sept. 27.
 Prosser, Harold P., New Rochelle, N. Y. Automatically reversible toy vehicle. 1,643,903; Sept. 27.
 Pulaski, Stanley, Brooklyn, N. Y. Trolley pole. 1,643,751; Sept. 27.
 Pullman Car & Manufacturing Corporation. (See Oehm, W. N., and Test, assignors.)
 Quiggle, Arthur W., assignor to The Creamette Company, Minneapolis, Minn. Drying inaccaroni. 1,643,821; Sept. 27.
 Rall-Osterwalder, Gustav, Reutlingen, Germany. Folding umbrella. 1,643,724; Sept. 27.
 Ramsey, James C., Roswell, N. Mex. Fire-making device. 1,643,726; Sept. 27.
 Randolph, Howard H. (See Amen, Nicholas C., assignor.)
 Ratigan, James P., Walnut Park, Calif. Lock pin. 1,643,586; Sept. 27.
 Ratigan, James P., Walnut Park, Calif. Connector. 1,643,587; Sept. 27.
 Ratigan, James P., Los Angeles, Calif. Beam adjuster. 1,643,588; Sept. 27.
 Ratliff, Lester, Morven, N. C. Liquid-spraying machine. 1,643,518; Sept. 27.
 Ray, Charles T., assignor to B. F. Avery & Sons, Louisville, Ky. Tillage implement. 1,643,519; Sept. 27.
 Ready Apron Company. (See Mercola, Michael, assignor.)
 Ready, William J., assignor to American Glass Works, Incorporated, Richmond, Va. Glass bottle. Des. 73,540; Sept. 27.
 Redmond, Harriet L., Needham, assignor to The William Carter Company, Needham Heights, Mass. Woman's undergarment. 1,643,568; Sept. 27.

Red Sun Products Co. (See Goldman, Sigmund L., assignor.)
 Reece, John, et al. (See Glancola, Nicholas, assignor.)
 Reeve, Charles S., Grantwood, N. J., assignor to The Barrett Company, Plastic composition. 1,643,520; Sept. 27.
 Reeve, Charles S., Grantwood, N. J., assignor to The Barrett Company, Plastic composition. 1,643,521; Sept. 27.
 Reeves, Donald H., Dayton, Ohio. Liquid-level gauge. 1,643,469; Sept. 27.
 Reid, Ebenezer E., and G. L. Schwartz, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Cyclohexyl phthalates and making same. 1,643,393; Sept. 27.
 Reilly, Arthur. (See Coggeshall, G. W., and Reilly.)
 Reiss, Winold, New York, N. Y., assignor to W. H. & A. E. Margerison & Co., Philadelphia, Pa. Towel. Des. 73,541; Sept. 27.
 Rewett, Carl J., Los Angeles, Calif. Chain wrench. 1,643,825; Sept. 27.
 Reyrolle, A., and Company Limited. (See Linstow, Frederick N., assignor.)
 Reyrolle, A., and Company Limited. (See Waterhouse, Edgar, assignor.)
 Rhode Island Lace Works, Inc., The. (See Newton, Albert E., assignor.)
 Rhodes, Charles J., Wakefield, England. Machine for hanging and seaming sheet-metal receptacles. 1,643,470; Sept. 27.
 Richards-Wilcox Manufacturing Company. (See Phillips, Ellis J. G., assignor.)
 Richardson, Chester A., San Francisco, Calif. Refrigerator car. 1,643,471; Sept. 27.
 Richter, George A., and M. O. Schur, assignors to Brown Company, Berlin, N. H. Manufacture of high alpha-cellulose fiber. 1,643,355; Sept. 27.
 Rife, Uriah L., Sound Beach, Conn. Key protector. 1,643,904; Sept. 27.
 Robert Boby Limited. (See Soenens, Maurice, assignor.)
 Rodanet, Charles H. H., Levallois, France, assignor to Societe Anonyme le Contre & Cie., Le Sentier, Switzerland. Setting and winding mechanism for watches. 1,643,630; Sept. 27.
 Roderick, Marcy B., Rutherford, N. J., assignor to W. L. Brubaker & Bros. Company, Millersburg, Pa. Flue-sheet tool. 1,643,679; Sept. 27.
 Roepke Pan Machine Corporation. (See Roepke, William J., assignor.)
 Roepke, William J., Los Angeles, Calif., assignor to Roepke Pan Machine Corporation, Wilmington, Del. Automatic pan-making machine. 1,643,609; Sept. 27.
 Romero, Alberto R., Tucson, Ariz. Sanitary ice shaver. 1,643,856; Sept. 27.
 Rooney, George B. (See Bahr, August T. J., assignor.)
 Ropp, Ezra R., Oklahoma City, Okla. Automatic baseball game. 1,643,522; Sept. 27.
 Rorabeck, Claude, Chicago Heights, assignor to American Manganese Steel Company, Chicago, Ill. Renewable-rim sprocket wheel. 1,643,472; Sept. 27.
 Rosenhahn, Carl, East Orange, N. J. Lock. 1,643,752; Sept. 27.
 Rosenzweig, Fred, Pittsburgh, Pa. Recovering metals from slag. 1,643,610; Sept. 27.
 Ross, Frederick N., Detroit, Mich. Clutch mechanism. 1,643,473; Sept. 27.
 Rossner, May H., New York, N. Y. Combination dish drain and tub cover. 1,643,905; Sept. 27.
 Rottgardt, Karl, Dahlem, near Berlin, Germany, assignor to Westinghouse Electric & Manufacturing Company. Control unit for variable instruments. 1,643,787; Sept. 27.
 Rouanet, Louis, assignor to Compagnie d'Applications Mechaniques, Ivry-Port, France. Split pulley. 1,643,611; Sept. 27.
 Roubaix Mills, Incorporated. (See Lister, James R., assignor.)
 Rowan, Albert J., assignor, by mesne assignments, to Lucas Manufacturing Company, Providence, R. I. Display card. 1,643,421; Sept. 27.
 Royal Electrotape Company. (See Maginnis, William J., assignor.)
 Ruppert, Albert A., assignor to General Motors Corporation, Detroit, Mich. Trimming. 1,643,318; Sept. 27.
 Russel, John W., Marietta, Pa. Combination drain board and tub cover. 1,643,906; Sept. 27.
 Ryan, Eppa H., Pasadena, Calif., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Thread-cutting mechanism for looms. 1,643,422; Sept. 27.
 S.C. Regulator Manufacturing Company, The. (See Barrett, Joseph M., assignor.)
 Sacks, Abraham, Brooklyn, N. Y. Combination dish mop and scraper. 1,643,857; Sept. 27.
 Sanders, John W., Detroit, Mich. Cigarette-printing device. 1,643,349; Sept. 27.
 Sanitarium and Hospital Equipment Company. (See Tuttle, Roy N., assignor.)
 Sanitarium and Hospital Equipment Company. (See Wentworth, Merton W., assignor.)
 Saranac Automatic Machine Corporation. (See Craig, Edward, assignor.)
 Sauvage, Herbert J. (See Goodhue, J. G., and Sauvage.)
 Sauvage, Herbert J., assignor to Electro Thermostatic Control Company, Chicago, Ill. Electrically-operated valve. 1,643,523; Sept. 27.

Sauvage, Herbert J., assignor to trustees of the Electro Thermostatic Control Company, Chicago, Ill. Thermostatic control. 1,643,858; Sept. 27.
 Sauvage, Herbert J., assignor to Electro Thermostatic Control Company, Chicago, Ill. Control for fluid-fuel furnaces. 1,643,859; Sept. 27.
 Sauvageau, Frederic L. (See Howes, F. C., and Sauvageau.)
 Sawyer, Philip A. (See Peer, Richard W., assignor.)
 Schacht, George E., Plainfield, N. J. Fare-registering device. 1,643,907; Sept. 27.
 Schade, Edmund A., assignor to The Stanley Works, New Britain, Conn. Plane. 1,643,524; Sept. 27.
 Schneider, William A., Glen Ridge, N. J. Clothes wringer. 1,643,643; Sept. 27.
 Schultz, Adelbert W. R., Clarion, Iowa. Cream-can aerator. 1,643,822; Sept. 27.
 Schulz, Raymond L., Los Angeles, Calif., assignor to Boehm Surgical Instrument Corporation, Rochester, N. Y. Surgical instrument. 1,643,631; Sept. 27.
 Schur, Milton O. (See Richter, G. A., and Schur.)
 Schutz, Harold R., Toledo, assignor to The Edward Ford Plate Glass Company, Rossford, Ohio. Manufacture of sheet glass. 1,643,680; Sept. 27.
 Schwartz, George L. (See Reid, E. E., and Schwartz.)
 Schwarzenbach-Huber Co. (See Albach, George F., Jr., assignor.)
 Schwandt, Andrew A., Dickinson, N. Dak. Bolt cutter. 1,643,589; Sept. 27.
 Scott & Williams, Incorporated. (See Hughes, William A., assignor.)
 Scovill Manufacturing Company. (See Summey, David L., assignor.)
 Seaver, Edward, Needham, and F. A. Mazzur, deceased, Waban, Mass., M. P. Mazzur, administratrix, assignors to Peabody Engineering Corporation, New York, N. Y. Combination oil and gas burner. 1,643,788; Sept. 27.
 Seifert, Edward M., Rutherford, N. J. Tool for applying fasteners to fruit-basket tops. 1,643,612; Sept. 27.
 Sells, Albert D., assignor of one-half to L. P. Somer, Mount Joy, Pa. Reinforced paper box. 1,643,564; Sept. 27.
 Sellman, Meyer, New York, N. Y. Device for supporting radio parts. 1,643,319; Sept. 27.
 Sever, Fred, and M. Johnson, Latouche, Alaska. Clothes cleaner. 1,643,823; Sept. 27.
 Seymour, Benjamin F., Washington, D. C. Vehicle suspension. 1,643,681; Sept. 27.
 Seymour, Benjamin F., Washington, D. C. Combined resilient bearing and transmission. 1,643,682; Sept. 27.
 Shedd, Charles A., assignor to Walden-Worcester, Incorporated, Worcester, Mass. Socket wrench. 1,643,860; Sept. 27.
 Shetzline, Roy A., New York, N. Y., assignor to American Telephone and Telegraph Company. Neutralization of inductive interference. 1,643,350; Sept. 27.
 Shiman, Abraham, Newark, N. J. Finger ring. Des. 73,542; Sept. 27.
 Shorb, Poe A., Burdett, Kans. Grain-threshing concave and cylinder. 1,643,683; Sept. 27.
 Shumaker, Charles F., assignor to S. Howes Co. Inc., Silver Creek, N. Y. Machine for trimming ears of corn. 1,643,525; Sept. 27.
 Shunk, John Q., Bucyrus, Ohio. Material-dispensing means for poisoning machines. 1,643,423; Sept. 27.
 Shupe, Hies V., Northfork, W. Va. Tire-locking device. 1,643,824; Sept. 27.
 Siemens & Halske Aktiengesellschaft. (See Lindblad, Nils, assignor.)
 Siemon, William H., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Knife-blade switch. 1,643,789; Sept. 27.
 Simmlinger, Francis D. (See Donnelly, J. O., and Simmlinger.)
 Simmons, Oliver G., Lakewood, Ohio. Spiral cutter. 1,643,474; Sept. 27.
 Simon, Alexander, Munich, Germany. High-tension insulator. 1,643,565; Sept. 27.
 Simons, Ernest R., St. Paul, Minn. Quilting frame. 1,643,351; Sept. 27.
 Simpson, Emory G., assignor to Fisher Body Corporation, Detroit, Mich. Window regulator. 1,643,320; Sept. 27.
 Singer Manufacturing Company, The. (See Chason, Daniel H., assignor.)
 Singer Manufacturing Company, The. (See Finch, John S., assignor.)
 Skedzell, David E., assignor to Millville Manufacturing Company, Millville, N. J. Filling stop motion for looms. 1,643,931; Sept. 27.
 Slade, Harold E., assignor to Beaver Machine & Tool Company, Inc., Newark, N. J. Electric-lamp socket. 1,643,790; Sept. 27.
 Slate, Thomas B., assignor, by mesne assignments, to International Patents Fiscal Corporation, New York, N. Y. Method and machine for converting carbon dioxide to a solid. 1,643,590; Sept. 27.
 Slatery, Donald W., East Cleveland, Ohio. Butterfly valve. 1,643,753; Sept. 27.
 Sletth, Samuel W., Louisville, Ky., assignor to Great Lakes Golf Corporation, Milwaukee, Wis. Golf club. 1,643,754; Sept. 27.
 Slepian, Joseph, Swissvale, Pa., assignor to Westinghouse Electric & Manufacturing Company. Loud speaker. 1,643,791; Sept. 27.
 Sletten, Albert. (See Hallum, O. F., and Sletten.)
 Small, John D. (See Isman, John W., assignor.)

Smith, Benjamin H., Wilkesburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Thermal switch. 1,643,792; Sept. 27.
 Smith, Edward M., Los Angeles, Calif. Perforated pipe for wells. 1,643,394; Sept. 27.
 Smith, Eric M., Eastcote, England. Hydraulic press. 1,643,591; Sept. 27.
 Smith, Henry S., Dixon, Ill., assignor to J. I. Case Threshing Machine Company, Racine, Wis. Plow-lift mechanism. 1,643,644; Sept. 27.
 Smith, George W., Jr., Pittsburgh, Pa. Wringer-roll guard. 1,643,475; Sept. 27.
 Smith, Joseph K., Detroit, assignor to C. H. Wills, Marysville, Mich. Rail steel. 1,643,321; Sept. 27.
 Smith, Roy M., et al. (See Smyser, Elmer D., assignor.)
 Smith, Roy S., Cairo, Ill. Car-door operating and locking device. 1,643,352; Sept. 27.
 Smith, Walter S., Elizabeth, N. J., assignor to Willys Corporation, New York, N. Y. Automobile door and securing panels thereto. 1,643,395; Sept. 27.
 Smyser, Elmer D., assignor of one-third to R. M. Smith and one-third to P. E. Williams, Fellows, Calif. Tubing bleeder. 1,643,908; Sept. 27.
 Societe Anonyme le Coultre & Cie. (See Rodanet, Charles H. H., assignor.)
 Soemans, Maurice, assignor to Robert Roby Limited, St. Andrews Ironworks, Bury St. Edmunds, England. Machine for harvesting flax and other plants. 1,643,984; Sept. 27.
 Söll, Julius. (See Klatte, F., and Söll.)
 Somer, Loren P. (See Seller, Albert D., assignor.)
 Soss, Joseph, Brooklyn, N. Y. Hinge. 1,643,592; Sept. 27.
 Sonder, William A., Shamokin, Pa. Milk-bottle closure. 1,643,322; Sept. 27.
 Spangler, Archie L., assignor to Pacific Gas Radiator Company, Los Angeles, Calif. Radiant gas heater. Des. 73,543; Sept. 27.
 Sparhawk, Charles E., Portland, Oreg., assignor to A. Young, Ketchikan, Alaska. Bed for invalids. 1,643,793; Sept. 27.
 Stafford, Earl C., Philadelphia, Pa. System of control for marine engines. 1,643,424; Sept. 27.
 Stahlecker, Wilhelm, Stuttgart, Germany. Spinning machine. 1,643,685; Sept. 27.
 Standard Steel Car Company. (See Christianson, Andrew, assignor.)
 Stanley Works, The. (See Schade, Edmund A., assignor.)
 Starke, Richard W. (See Butters, R. H., and Starke.)
 Steele, Lawrence C., Pittsburgh, Pa. Feeding mechanism for detector. 1,643,686; Sept. 27.
 Steensen, Lulu E., West Salem, Wis. Knicker supporter. 1,643,613; Sept. 27.
 Stenbridge & Brandt. (See Wellman, Lester R., assignor.)
 Stephens, Albert G., Indianapolis, Ind. Display-case closure. 1,643,632; Sept. 27.
 Stevens, Frederick A., and J. W. Welch, Providence, R. I., assignors, by mesne assignments, to Bausch and Lomb Optical Company, Rochester, N. Y. Ophthalmic mounting and method. 1,643,909; Sept. 27.
 Stevens, Walden-Worcester, Incorporated. (See McGuckin, John J., assignor.)
 Stiefel, Ralph C., Ellwood City, Pa. Universal coupling. 1,643,553; Sept. 27.
 Stiles, Thomas G., Arlington, N. J. Rail bond. 1,643,755; Sept. 27.
 Stinson, George, Gardner, assignor to Heywood-Wakefield Company, Boston, Mass. Baby-carriage gear. 1,643,910; Sept. 27.
 Stockinger, Franz, New York, N. Y. Photo-engraving process. 1,643,526; Sept. 27.
 Stone, Herbert A., Chicago, Ill. Aquarium. 1,643,527; Sept. 27.
 Stone, John S., San Diego, Calif., assignor to American Telephone and Telegraph Company. Directive antenna array. 1,643,323; Sept. 27.
 Stow, Audley H., Charleston, W. Va., assignor to E. S. White, Caldwell, N. Y. Mine and other car. 1,643,687; Sept. 27.
 Stowell, Francis H., et al. (See Stowell, Francis H., assignor.)
 Stowell, Francis H., assignor to F. H. Stowell and H. H. Gluck, Indianapolis, Ind. Window-sash holder. 1,643,614; Sept. 27.
 Strand, Andrew, Minneapolis, Minn. Internal-combustion engine. 1,643,645; Sept. 27.
 Stark, Ewald, E., Hollywood, Calif. Hot-water bottle. 1,643,794; Sept. 27.
 Styer, John F., and T. W. Jones, Greeley, Colo. Side light for automobiles. 1,643,593; Sept. 27.
 Sullivan Machinery Company. (See Halvorsen, Halbert B., assignor.)
 Sullivan Machinery Company. (See Lee, Frank M., assignor.)
 Sullivan, Patrick. (See Wendel, Frans B., assignor.)
 Sullivan, William B., Detroit, Mich., assignor to Chreballie Tool Company. Carburelizing box. 1,643,756; Sept. 27.
 Summers, Bertrand S., Port Huron, Mich. Making paper pulp. 1,643,826; Sept. 27.
 Summey, David L., assignor to Seovill Manufacturing Company, Waterbury, Conn. Furnace lining. 1,643,425; Sept. 27.

Sutherland, Donald W., Jr., Sioux Falls, S. Dak. Butter-fat-reading machine. 1,643,426; Sept. 27.
 Swan, Harry B., and J. L. Crawford, Detroit, Mich. Poppet valve for air-jolting molding machines. 1,643,427; Sept. 27.
 Sweda, Edward J. (See Law, R., and Sweda.)
 Swift, George W., Jr., Bordentown, N. J. Sheet-feeding means. 1,643,646; Sept. 27.
 Szakács, Joseph, assignor of one-third to N. Gensler, Wood, and one-third to W. I. Evans, Broad Top, Pa. Tool. 1,643,861; Sept. 27.
 Tarbox, Gordon L., North Plainfield, N. J. Universal Joint. 1,643,647; Sept. 27.
 Tarbox, Gordon L., North Plainfield, N. J. Universal Joint. 1,643,648; Sept. 27.
 Taylor, Cyrus. (See Bergmann, C. N., and Taylor.)
 Taylor, Elmer Z. (See Bergmann, C. N., and Taylor.)
 Teare, Albert R., Lakewood, assignor to J. C. Miles, Cleveland, Ohio. Heating and ventilating apparatus. Re16,751; Sept. 27.
 Teed, Earl S., assignor to The Textile Rubber Company, Akron, Ohio. Apparatus for drying artificial silk, yarn, or the like. 1,643,594; Sept. 27.
 Telch, Ernest L., assignor to The American Hardware Corporation, New Britain, Conn. Door closer. 1,643,932; Sept. 27.
 Tesche, Heinrich, and A. Job, Elberfeld, near Cologne, Germany, assignors to Grasselli Dyestuff Corporation, New York, N. Y. Anthraquinone-nitrosamine compound. 1,643,428; Sept. 27.
 Test, Ellis W. (See Oehm, W. N., and Test.)
 Textile Rubber Company, The. (See Teed, Earl S., assignor.)
 Thompson, Arthur R., assignor of one-third to M. Hunt, San Francisco, Calif. Gasburner attachment. 1,643,911; Sept. 27.
 Thompson, Thomas, Brighton, Iowa. Ladder. 1,643,649; Sept. 27.
 Thomson, Roy W., Wallace, Idaho, assignor of one-half to R. Berg, Spokane, Wash. Friction brake. 1,643,354; Sept. 27.
 Thorne, Carl B., Hawkesbury, Ontario, Canada. Bleaching and the like purposes. 1,643,560; Sept. 27.
 Thornton, George H., Patterson, Ill. Apparatus for use in packing fruit and the like. 1,643,429; Sept. 27.
 Thorp, James M., Alameda, Calif. Multiwheel propelling mechanism for motor vehicles. 1,643,476; Sept. 27.
 Thurston, Tennis R., Spokane, Wash. Bath cabinet. 1,643,528; Sept. 27.
 Tobin, James F. (See Fitch, J. S., and Tobin.)
 Travulcek, Frank, also known as F. Griness, East St. Louis, Ill. Reaction vacuum propeller. 1,643,862; Sept. 27.
 Truax, William T., assignor to United States Register Company, Battle Creek, Mich. Register-front fastener. 1,643,863; Sept. 27.
 Trueb, Julius J., Brewster, Ohio. Method and machine for thrashing grain, etc. 1,643,827; Sept. 27.
 Trussell, Homer A., Chicago, Ill. Internal-combustion engine. 1,643,390; Sept. 27.
 Tuttle, Roy X., assignor to Sanitarium and Hospital Equipment Company, Battle Creek, Mich. Therapeutic lamp. 1,643,430; Sept. 27.
 Tyson, William M., Lanett, Ala., assignor of one-fourth to R. J. Jennings, West Point, Ga. Filling end clearer. 1,643,727; Sept. 27.
 Uncas Manufacturing Company. (See Rowan, Albert J., assignor.)
 Underwood Typewriter Company. (See Dobson, William A., assignor.)
 Underwood Typewriter Company. (See Kurowski, Alfred G. F., assignor.)
 Underwood Typewriter Company. (See Norin, Carl E., assignor.)
 Union Draft Gear Company. (See Canfield, Lewis T., assignor.)
 Union Special Machine Company. (See Moffatt, James R., assignor.)
 Union Switch & Signal Company, The. (See Bossart, Paul N., assignor.)
 Union Switch & Signal Company, The. (See Geiger, Paul H., assignor.)
 Union Switch & Signal Company, The. (See Grondahl, Lars O., assignor.)
 Union Switch & Signal Company, The. (See Holte, Harold O., assignor.)
 Union Switch & Signal Company, The. (See Loomis, Harold S., assignor.)
 Union Switch & Signal Company, The. (See McCann, Ronald A., assignor.)
 Union Trust Company, executor. (See Paupa, Joseph.)
 United Shoe Machinery Corporation. (See Ballard, Harrie A., assignor.)
 United Shoe Machinery Corporation. (See Goddu, George, assignor.)
 United Shoe Machinery Corporation. (See Hubbard, William, assignor.)
 United Shoe Machinery Corporation. (See Lund, Thomas, assignor.)
 United Shoe Machinery Corporation. (See MacArthur, David, assignor.)
 U. S. Bobbin & Shuttle Co. (See Allen, Robert N., assignor.)
 United States Gypsum Company. (See Birdsey, Charles R., assignor.)

United States Register Company. (See Truax, William T., assignor.)
 Unwin, Kenneth J., Shrewsbury, and W. H. Wakefield, assignors to Crompton & Knowles Loom Works, Worcester, Mass. Device to check needle motion of Axminster looms. 1,643,431; Sept. 27.
 Valley Mould and Iron Corporation. (See Perry, John E., assignor.)
 Van Arsdale, William, Auburn, N. Y. Combined plow and cultivator. 1,643,567; Sept. 27.
 Vance, Howard C., Detroit, assignor to Whitehead & Kales Company, River Rouge, Mich. Safety device for riveting machines. 1,643,795; Sept. 27.
 Van Eck, Jacob, Middleburg, Netherlands. Open-end wrench of the adjustable-jaw type. 1,643,633; Sept. 27.
 Vickers Limited. (See Pearson, E. C., and Childs, assignors.)
 Viel, Louis L., Billancourt, France. Carburetor. 1,643,804; Sept. 27.
 Vitrolite Company, The. (See Beebe, Daniel S., assignor.)
 Vogt, Charles W. (See Marshall, G. F., and Vogt.)
 Volsch, Anna K., et al. (See Paupa, Joseph, assignor.)
 Von Arx, Rudolf, Munich, Germany. Production of pictures by the transfer process. 1,643,529; Sept. 27.
 Wade, Verner M., and C. E. Zupan, assignors to Fairmont Box Company, Fairmont, W. Va. Clutch mechanism. 1,643,356; Sept. 27.
 Wade, Verner M., and C. E. Zupan, assignors to Fairmont Box Company, Fairmont, W. Va. Partition-assembling machine. 1,643,357; Sept. 27.
 Wagner, Albert G., assignor to The Wemb Company, Cincinnati, Ohio. Gear-shifting mechanism. 1,643,729; Sept. 27.
 Wagner, Albert G., assignor to The Wemb Company, Cincinnati, Ohio. Gear-shifting mechanism. 1,643,729; Sept. 27.
 Wagner Electric Corporation. (See Weichsel, Hans, assignor.)
 Wakefield, C. C., & Company, Limited. (See Appleby, James A., assignor.)
 Wakefield, Walter H. (See Unwin, K. J., and Wakefield.)
 Wakefield, Walter H., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Weft detector for box looms. 1,643,432; Sept. 27.
 Walden-Wooster Incorporated. (See Shedd, Charles A., assignor.)
 Walinsky, Ossip J., Sea Gate, assignor to White Luggage Co. Inc., New York, N. Y. Luggage. 1,643,397; Sept. 27.
 Walker, Edmund, Willows, Calif. Combination screw driver and starter. 1,643,433; Sept. 27.
 Wallace, William S., et al., trustees. (See Peale, Richard, assignor.)
 Wallenbeck, William G., Chicago, Ill. Razor. 1,643,757; Sept. 27.
 Waller, Edward A., Chicago, Ill. Color-printing compensator. 1,643,324; Sept. 27.
 Walter, Fred C., assignor to The Cincinnati Ball Crank Company, Cincinnati, Ohio. Bumper bracket. 1,643,758; Sept. 27.
 Walther, Mathias J., Lakewood, Ohio. Heater for gas and oil stoves. 1,643,434; Sept. 27.
 Warner, James L., Tulsa, Okla. Spectrum for stringed instruments. 1,643,530; Sept. 27.
 Warren, Frederick A., Flandreau, S. Dak. Stationery and office-appliance assembler. 1,643,477; Sept. 27.
 Waterbury Buckle Co. (See Moore, R. A., and Murtha, assignors.)
 Waterhouse, Edgar, South Shields, assignor to A. Reyrolle & Company Limited, Hebburn-on-Tyne, England. Electric switch gear. 1,643,634; Sept. 27.
 Watson, Herbert H. (See Jennings, V. H., and Watson.)
 Weaver, John L., Philadelphia, Pa. Portable woodworking machine. 1,643,325; Sept. 27.
 Webb, George L., Spencer, N. C. Adjustable journal wedge. 1,643,326; Sept. 27.
 Weeks, Edward A., Elizabeth, N. J., assignor to Weeks, Sawyer & Co., New York, N. Y. Textile fabric. Des. 73,544; Sept. 27.
 Weeks, Sawyer & Co. (See Weeks, Edward A., assignor.)
 Weichsel, Hans, assignor to Wagner Electric Corporation, St. Louis, Mo. Alternating-current motor. 1,643,327; Sept. 27.
 Weichsel, Hans, assignor to Wagner Electric Corporation, St. Louis, Mo. Synchronous motor. 1,643,398; Sept. 27.
 Weldert, Franz, Berlin-Zehlendorf, assignor to Optische Anstalt C. P. Goerz Aktiengesellschaft, Berlin-Friedenau, Germany. Photographic two-lens objective. 1,643,865; Sept. 27.
 Wels, John P., Nyack, assignor to Metropolitan Sewing Machine Corporation, Nyack, N. Y. Needle mechanism. 1,643,595; Sept. 27.
 Wellman, Lester R., assignor to Stenbridge & Brandt, Chicago, Ill. Bracket back for lighting fixtures. Des. 73,545; Sept. 27.
 Welser, George B., Jr., assignor to Chain Belt Company, Milwaukee, Wis. Mechanism for operating cleaning brushes and similar apparatus. 1,643,866; Sept. 27.
 Welsh, James W. (See Stevens, F. A., and Welsh.)
 Wemb Company, The. (See Wagner, Albert G., assignor.)
 Wendel, Frans B., Cranford, N. J., assignor to P. Sullivan, Woodin, William H., Jr., Plainfield, N. J. Radio aerial pole or the like. 1,643,689; Sept. 27.

Wente, Emil C., Waverly, Iowa. Tile fork. 1,643,867; Sept. 27.
 Wentworth, Merton W., Battle Creek, Mich., assignor to Sanitarium and Hospital Equipment Company. Therapeutic apparatus. 1,643,399; Sept. 27.
 West, Augustus A., Philadelphia, Pa. Supplementary exhaust for internal-combustion engines. 1,643,912; Sept. 27.
 Westerbeck, Frederick, St. Louis, Mo. Pouring spout for liquid containers. 1,643,796; Sept. 27.
 Western Electric Company. (See Hinchsen, Edward E., assignor.)
 Westinghouse Electric & Manufacturing Company. (See Baxter, Harold G., assignor.)
 Westinghouse Electric & Manufacturing Company. (See Davies, David R., assignor.)
 Westinghouse Electric & Manufacturing Company. (See Denman, Earl W., assignor.)
 Westinghouse Electric & Manufacturing Company. (See Jaspert, William B., assignor.)
 Westinghouse Electric & Manufacturing Company. (See Keene, Alvin D., assignor.)
 Westinghouse Electric & Manufacturing Company. (See Little, Donald G., assignor.)
 Westinghouse Electric & Manufacturing Company. (See Loewe, Siegmund, assignor.)
 Westinghouse Electric & Manufacturing Company. (See McWilliams, Arthur C., assignor.)
 Westinghouse Electric & Manufacturing Company. (See Nottage, Stanley G., assignor.)
 Westinghouse Electric & Manufacturing Company. (See Rottgardt, Karl, assignor.)
 Westinghouse Electric & Manufacturing Company. (See Siemon, William H., assignor.)
 Westinghouse Electric & Manufacturing Company. (See Steplan, Joseph, assignor.)
 Westinghouse Electric & Manufacturing Company. (See Smith, Benjamin H., assignor.)
 Westinghouse Lamp Company. (See Gustin, Daniel S., assignor.)
 Wexelman, Abraham, Brooklyn, N. Y. Knockdown table. 1,643,478; Sept. 27.
 White, Edith S. (See Stow, Audley H., assignor.)
 White Luggage Co. Inc. (See Walinsky, Ossip J., assignor.)
 White Sewing Machine Corporation. (See Hillix, Foster F., assignor.)
 Whitehead & Kales Company. (See Vance, Howard C., assignor.)
 Wickes, John, Oak Park, assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill. Automatic telephone system. 1,643,797; Sept. 27.
 Wild, Charles, Eureka, Calif. Well drill. 1,643,730; Sept. 27.
 Wild, Charles, Eureka, Calif. Well-boring machine. 1,643,731; Sept. 27.
 Wilhite Machine Works, Inc. (See Wilhite, Samuel C., assignor.)
 Wilhite, Samuel C., assignor to Wilhite Machine Works, Inc., Los Angeles, Calif. Wall-bracket electric fixture. Des. 73,547; Sept. 27.
 Williams, Harry S., San Antonio, Tex. Sanitary napkin. 1,643,615; Sept. 27.
 Williams, John M., Jr., Montclair, N. J. Carburetor economizer. 1,643,479; Sept. 27.
 Williams, Perl E., et al. (See Smyser, Elmer D., assignor.)
 Williams, Ross G., Long Beach, Calif. Rotary combination stove. 1,643,650; Sept. 27.
 Wills, C. Harold. (See Smith, Joseph K., assignor.)
 Willys Corporation. (See Smith, Walter S., assignor.)
 Wilson, Edward, assignor to The National Pump & Compressor Company, St. Louis, Mo. Compressor. 1,643,933; Sept. 27.
 Wilson, Elhu C., Los Angeles, Calif. Pipe-supporting clamp. 1,643,688; Sept. 27.
 Wilson, H. A., Company, The. (See Fry, Clayton E., assignor.)
 Wilson, John A., Elizabeth, N. J., assignor to Duratex Corporation, Newark, N. J. Upholstery panel and making the same. 1,643,400; Sept. 27.
 Wired Radio, Inc. (See Duncan, Robert D., Jr., assignor.)
 Wiswell, Arthur M., Portland, Oreg. Transmission lock. 1,643,480; Sept. 27.
 Wolf, Georg, assignor to the Firm Georg Wolf G. m. b. H., Berlin, Germany. Device for examining tubes and cavities in the body. 1,643,732; Sept. 27.
 Wolf, Georg, G. m. b. H. (See Loock, Günther, assignor.)
 Wolf, Georg, G. m. b. H. (See Wolf, Georg, assignor.)
 Wolf Machine Company, The. (See Meyer, Henry A., assignor.)
 Wolf, William, New York, N. Y. Syringe for hypodermic needles or the like. 1,643,531; Sept. 27.
 Woll, Ford V., administrator. (See Woll, John M.)
 Woll, John M., deceased, Kittanning, Pa.; F. V. Woll, administrator, assignor of one-third to J. J. Lippuner, Oregon City, Oreg. Tunnel-ventilating system. 1,643,868; Sept. 27.
 Wood, John, Manufacturing Company. (See Marland, Arthur, assignor.)
 Wood, Philip C., Johnstonville, Calif. Submarine lifting device. 1,643,733; Sept. 27.
 New York, N. Y. Toy or similar article of manufacture. Des. 73,546; Sept. 27.

Wright, William H., Milwaukee, Wis., assignor to Foundation Oven Corporation. Coke oven. 1,643,532; Sept. 27.
Yackley, Julius, Spokane, Wash. Cultivator. 1,643,328; Sept. 27.
Yard, Willis S., and E. N. Percy, Oakland, Calif. Manufacturing light hydrocarbon liquids. 1,643,401; Sept. 27.
Young, Ada. (See Sparhawk, Charles E., assignor.)
Young, James P., Pittsburgh, Pa. Soap-measuring device. 1,643,828; Sept. 27.
Young, Joseph R., Minneapolis, Minn. Automatic aligning attachment for manifold devices. 1,643,358; Sept. 27.
Zels, George J., Buffalo, N. Y. Automobile radiator ornament. Des. 73,548; Sept. 27.
Ziegler, Fritz, Jr. (See Baldwin, Mary, assignor.)
Zillacus, Artur, Dalsbruk, Finland. Furnace for heating or melting metals. 1,643,569; Sept. 27.
Zimmerman, Harry, Fremont, Ohio. Stitched buffing section. 1,643,690; Sept. 27.

Zimniewicz, Anthony, New York, N. Y., assignor, by mesne assignments, to Mieble Printing Press & Manufacturing Company, Chicago, Ill. High-speed collecting cylinder. 1,643,481; Sept. 27.
Zimniewicz, Anthony, New York, N. Y., assignor, by mesne assignments, to Mieble Printing Press & Manufacturing Company, Chicago, Ill. Sheet-stacking mechanism. 1,643,482; Sept. 27.
Zinn, Argus O., Los Angeles, and J. A. Bried, Oakland, Calif.; said Bried assignor to said Zinn. Apparatus for pumping oil wells. 1,643,616; Sept. 27.
Zoller, Harper F., Detroit, Mich. Preserved egg and process therefor. 1,643,913; Sept. 27.
Zuckerman, Roscoe C., Stockton, Calif. Device for separating potatoes from flatable foreign matter. 1,643,596; Sept. 27.
Zuspan, Charles E. (See Wade, V. M., and Zuspan.)
Zworykin, Vladimir K., assignor to C & C Developing Company, Kansas City, Mo. Thermocouple. 1,643,734; Sept. 27.

ALPHABETICAL LIST OF INVENTIONS

FOR WHICH

 PATENTS WERE ISSUED ON THE 27TH DAY OF SEPTEMBER, 1927.

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice). Includes patents, reissues, and designs.

Absorber. J. A. Campbell. 1,643,696; Sept. 27.
Aerator, Cream-can. A. W. R. Schultz. 1,643,822; Sept. 27.
Agricultural machine. J. W. Maddox. 1,643,625; Sept. 27.
Air moistener. C. Grab. 1,643,844; Sept. 27.
Alarm. C. A. Blackburn. 1,643,870; Sept. 27.
Alarm circuit operated by microphone. T. C. Adams. 1,643,759; Sept. 27.
Alarm-clock switch. J. G. Goodhue and H. J. Sauvage. 1,643,843; Sept. 27.
Aldehyde resins, Improving. W. O. Herrmann, H. Deutsch, and W. Haehnel. 1,643,496; Sept. 27.
Alloy and making the same, Silver silicon. M. G. Korsunsky. 1,643,304; Sept. 27.
Ampul serving as packing receptacle for surgical sewing material, Glass. R. Graf and W. Lapp. 1,643,490; Sept. 27.
Anchor. W. A. Heinrich. 1,643,769; Sept. 27.
Annealing hood, Electric. F. Bailly. 1,643,600; Sept. 27.
Antenna array, Directive. J. S. Stone. 1,643,323; Sept. 27.
Anthraquinone nitrosamine compound. H. Tesche and A. Job. 1,643,428; Sept. 27.
Apron. M. Mercola. 1,643,311; Sept. 27.
Aquarium. H. A. Stone. 1,643,527; Sept. 27.
Arch supporter. P. Iacovino. 1,643,812; Sept. 27.
Armor, Diving. E. Levy. 1,643,667; Sept. 27.
Atomizer, Perfume. G. M. Minton, Jr. Des. 73,535; Sept. 27.
Automobile body. J. Ledwinka. 1,643,740; Sept. 27.
Automobile body and making same. J. Ledwinka. 1,643,739; Sept. 27.
Automobile body and making same. J. Ledwinka. 1,643,743; Sept. 27.
Automobile brake. H. Hargreaves. 1,643,890; Sept. 27.
Automobile bumper. A. L. Kern. 1,643,776; Sept. 27.
Automobile instrument panel. P. J. Kent. Des. 73,527; Sept. 27.
Automobile radiator ornament. G. J. Zels. Des. 73,548; Sept. 27.
Automobile wheel brake. H. W. Lutes. 1,643,388; Sept. 27.
Automobiles, Loading and hauling. C. D. Gill. 1,643,885; Sept. 27.
Automobiles, Side light for. J. F. Styer and T. W. Jones. 1,643,593; Sept. 27.
Automobiles, Stop signal for. C. A. Michel. 1,643,465; Sept. 27.
Bag. See—
Hand bag.
Ball cock. C. H. Gunn. 1,643,558; Sept. 27.
Baseball game, Automatic. E. B. Ropp. 1,643,522; Sept. 27.
Beam adjuster. J. P. Ratigan. 1,643,588; Sept. 27.
Bearing and transmission, Combined resilient. B. F. Seymour. 1,643,682; Sept. 27.
Bearing for locomotives, Driving rod. J. E. Allen. 1,643,760; Sept. 27.
Bed brace. J. D. King. 1,643,502; Sept. 27.
Bed for invalids. C. E. Sparhawk. 1,643,793; Sept. 27.
Bedspring fabric. S. Kirschberg. 1,643,623; Sept. 27.
Binding post. F. E. O'Brien and L. Freeman. 1,643,513; Sept. 27.
Bituminous emulsion. J. A. Montgomerie. 1,643,675; Sept. 27.
Bleaching and the like purposes. C. B. Thorne. 1,643,586; Sept. 27.
Board. See—
Metering panel board.
Boat construction. D. R. Baribault. 1,643,329; Sept. 27.
Bodies formed of separate fibers, Method and apparatus for producing. H. B. Lindsay. 1,643,505; Sept. 27.
Boilers, Control system for mechanically-fired. J. Naiman. 1,643,640; Sept. 27.
Bolt cutter. A. A. Schwindt. 1,643,589; Sept. 27.
Bomb or flare rack. C. L. Paulus. 1,643,468; Sept. 27.
Bomb with safety device, Aeroplane. T. Lafitte. 1,643,385; Sept. 27.
Book cover or protector. R. L. Peugh. 1,643,418; Sept. 27.
Boot and shoe and method of manufacture. R. W. Peer. 1,643,678; Sept. 27.
Booth, Burglarproof. W. A. Hayes. 1,643,494; Sept. 27.
Bottle. E. K. Lyons. Des. 73,530; Sept. 27.
Bottle-capping machine. S. L. Goldman. 1,643,557; Sept. 27.
Bottle closure, Milk. W. A. Souder. 1,643,322; Sept. 27.
Bottle, Glass. W. J. Ready. Des. 73,540; Sept. 27.
Bottle, Hot-water. E. E. Sturk. 1,643,794; Sept. 27.
Box. See—
Carburizing box. Paper box.
Box and spring saddle, Driving. W. O. Moody. 1,643,312; Sept. 27.
Box for salve or cream. J. Lesquendieu. 1,643,815; Sept. 27.
Box for salve or cream. J. Lesquendieu. 1,643,895; Sept. 27.
Brace. See—
Bed brace.
Bracket. See—
Bumper bracket.
Brake. See—
Automobile brake. Friction brake.
Automobile wheel brake.
Brake. A. Y. Dodge. 1,643,548; Sept. 27.
Brake lock. F. L. Collins. 1,643,334; Sept. 27.
Brake structure. A. and C. Christianson. 1,643,837; Sept. 27.
Bricklayer's guide. Q. Angelilli. 1,643,915; Sept. 27.
Brush, Commutator. E. B. Gilleland. 1,643,842; Sept. 27.
Brushes and similar apparatus, Mechanism for operating cleaning. G. B. Welser, Jr. 1,643,866; Sept. 27.
Buckle. R. A. Moore, and W. F. Murtha. Rel. 6,745; Sept. 27.
Buffing section, Stitched. H. Zimmerman. 1,643,690; Sept. 27.
Building structure. P. F. Flagg. 1,643,934; Sept. 27.
Bumper bracket. F. C. Walter. 1,643,758; Sept. 27.
Bumper, side. F. E. Price. 1,643,517; Sept. 27.
Burglar guard. P. J. Clarke. 1,643,293; Sept. 27.
Burner. See—
Fluid fuel burner. Oil burner.
Fuel burner. Oil and gas burner.
Burner attachment, Gas. A. R. Thompson. 1,643,911; Sept. 27.
Burners, Controlling unit for oil. T. B. Allardice. 1,643,435; Sept. 27.
Butter and the like, Mold box for. C. F. Miller. 1,643,508; Sept. 27.
Butter cream, Treating. G. A. Gray and M. B. Newburger. 1,643,301; Sept. 27.
Butter-fat-reading machine. D. W. Sutherland, Jr. 1,643,426; Sept. 27.
Cabinet, Bath. T. R. Thurston. 1,643,528; Sept. 27.
Cabinet, Cigar-lighter. R. H. Gibson. Des. 73,516; Sept. 27.
Cabinet, Display and storage. W. H. Brooks. 1,643,738; Sept. 27.
Calculating machine. C. M. F. Friden. 1,643,710; Sept. 27.
Car construction. A. Christianson. 1,643,836; Sept. 27.
Car-door operation. L. P. Hynes. 1,643,454; Sept. 27.
Car, Mine and other. A. H. Stow. 1,643,687; Sept. 27.
Car-platform cradle for car wheels. J. P. Cushnyr. 1,643,544; Sept. 27.
Car, Railway. L. T. Canfield. 1,643,834; Sept. 27.
Car, Refrigerator. C. A. Richardson. 1,643,471; Sept. 27.
Car truck structure, Railway. W. C. Hedgcock. 1,643,495; Sept. 27.
Car ventilator. I. V. Edgerton. 1,643,765; Sept. 27.
Car, Welded railway. W. N. Oehm and E. W. Teat. 1,643,416; Sept. 27.
Cars, Air-circulating means for refrigerator. G. A. Hull. 1,643,892; Sept. 27.
Cars, Feed trough for poultry. W. P. Johnson. 1,643,501; Sept. 27.
Cars, Truck for mine. J. R. Fleming. 1,643,298; Sept. 27.
Carbon black, Manufacture of. C. A. Barbour, Jr. 1,643,736; Sept. 27.
Carbon dioxide to a solid, Method and machine for converting. T. B. Slate. 1,643,590; Sept. 27.
Carburetor. D. C. Hendrickson. 1,643,711; Sept. 27.
Carburetor. L. L. Viel. 1,643,864; Sept. 27.
Carburetor economizer. J. M. Williams, Jr. 1,643,479; Sept. 27.
Carburizing box. W. B. Sullivan. 1,643,756; Sept. 27.
Carcass splitter. H. A. Meyer. 1,643,721; Sept. 27.
Card, Display. A. J. Brown. 1,643,421; Sept. 27.
Casing cutter. M. S. Black. 1,643,572; Sept. 27.
Casing cutter. G. D. Fawcett. 1,643,709; Sept. 27.
Cellulose fiber, Manufacture of high alpha. G. A. Richter and M. O. Schur. 1,643,355; Sept. 27.
Cement, Fabric. N. C. Amen. 1,643,437; Sept. 27.
Cereal food product. F. Matzelle. 1,643,507; Sept. 27.
Chain wrench. C. J. Rewett. 1,643,825; Sept. 27.

Chair, R. W. McLean. Des. 73,531; Sept. 27.
 Chair hub. S. M. Bump. 1,643,694; Sept. 27.
 Chandelier or article of similar nature. T. J. Petersen. Des. 73,539; Sept. 27.
 Choker mechanism. F. M. Lee. 1,643,665; Sept. 27.
 Choker hook. Automatic releasing. S. Ashdown. 1,643,361; Sept. 27.
 Cigarette holder, damper, and preserver. H. M. Davenport. 1,643,703; Sept. 27.
 Cigarette-printing device. J. W. Sanders. 1,643,349; Sept. 27.
 Cipher messages, Apparatus for deciphering. A. G. Damm. 1,643,546; Sept. 27.
 Circuit breaker, Automatic. E. D. Moore. 1,643,415; Sept. 27.
 Circuit breaker for electric key punches, Automatic. W. W. Lasker. 1,643,778; Sept. 27.
 Clamp: See—
 Column clamp. Pipe-supporting clamp.
 Clamping device. J. B. Benson. 1,643,737; Sept. 27.
 Cleaner: See—
 Clothes cleaner. Spark-plug cleaner.
 Meat-block cleaner.
 Clock case. J. Katz. Des. 73,524-6; Sept. 27.
 Closure-sealing device. W. E. H. Bell. 1,643,538; Sept. 27.
 Clothes cleaner. F. Sever and M. Johnson. 1,643,823; Sept. 27.
 Clothes wringer. W. A. Schnedler. 1,643,643; Sept. 27.
 Clutch. J. E. Craddock. 1,643,543; Sept. 27.
 Clutch mechanism. F. N. Ross. 1,643,473; Sept. 27.
 Clutch mechanism. V. M. Wade and C. E. Zuspan. 1,643,356; Sept. 27.
 Coating, Method of and apparatus for. P. J. Barord. 1,643,330; Sept. 27.
 Cock plug. T. L. Brannen. 1,643,370; Sept. 27.
 Coffee pot. E. P. McClure. 1,643,309; Sept. 27.
 Coin-controlled lock. H. L. Johnson. 1,643,458; Sept. 27.
 Collar. Apparel. P. F. Hesse. 1,643,497; Sept. 27.
 Color-printing compensator. E. A. Waller. 1,643,324; Sept. 27.
 Colorimeter. W. L. Patterson. 1,643,515; Sept. 27.
 Column clamp, Concrete. E. T. Corbin. 1,643,838; Sept. 27.
 Comb: See—
 Fine-tooth comb
 Compressor. E. Wilson. 1,643,933; Sept. 27.
 Condensation products from phenols and formaldehydes. Manufacturing. E. J. P. C. de Jarny. 1,643,447; Sept. 27.
 Condensers, Device for protecting. A. G. Bogardus. 1,643,803; Sept. 27.
 Condiment holder. E. K. Allison. Des. 73,514; Sept. 27.
 Connector. J. P. Ratigan. 1,643,587; Sept. 27.
 Containers, Pouring spout for, liquid. F. Westerbeck. 1,643,796; Sept. 27.
 Controller. D. E. and E. F. Lewellen. 1,643,716; Sept. 27.
 Conveyor mechanism. R. Peale. 1,643,786; Sept. 27.
 Copper from sulphate solution. Precipitating. N. C. Christensen. 1,643,922; Sept. 27.
 Cord lock. F. F. Hillix. 1,643,658; Sept. 27.
 Core drill. H. B. Halvorsen. 1,643,338; Sept. 27.
 Corn, Machine for trimming ears of. C. F. Shumaker. 1,643,525; Sept. 27.
 Corner guide and plumb rule. W. G. Elder. 1,643,880; Sept. 27.
 Counting sorter for perforated cards. W. W. Lasker. 1,643,386; Sept. 27.
 Coupling: See—
 Universal coupling.
 Crane. L. D. Nilson. 1,643,348; Sept. 27.
 Crane, Traveling. E. J. G. Phillips. 1,643,642; Sept. 27.
 Cressle. G. C. Christner. 1,643,923; Sept. 27.
 Cue-tip drier. F. Alexander. 1,643,402; Sept. 27.
 Cultivating implement. G. A. Newhouse. 1,643,898; Sept. 27.
 Cultivator. J. Yackley. 1,643,328; Sept. 27.
 Curling apparatus, Hair-. P. Kunin and R. A. Olsen. 1,643,411; Sept. 27.
 Current motor, Alternating. H. Welchsel. 1,643,327; Sept. 27.
 Cushion adjuster. F. Kleinsmith. 1,643,715; Sept. 27.
 Cutter: See—
 Bolt cutter. Meat cutter.
 Casing cutter. Spiral cutter.
 Cyclohexyl phthalates and making same. E. E. Reid and G. L. Schwartz. 1,643,393; Sept. 27.
 Cylinder, High-speed collecting. A. Zimmler. 1,643,481; Sept. 27.
 Cylinder-honing device. W. Johnson. 1,643,459; Sept. 27.
 Cylindrical objects, Apparatus for printing. F. C. Howes and F. L. Savageau. 1,643,605; Sept. 27.
 Cymbals, Operating device for. W. D. Gladstone. 1,643,553; Sept. 27.
 Dairy machine. F. Kuchenmeister. 1,643,503; Sept. 27.
 Dental amalgamator. O. F. Hallum and A. Sletten. 1,643,847; Sept. 27.
 Dentifrice compound. W. Bruck. 1,643,618; Sept. 27.
 Deraller. G. H. Frazier and A. E. Herrold. 1,643,376; Sept. 27.
 Derrick girts, Corner brace for tubular. C. J. Gougler. 1,643,887; Sept. 27.
 Derrieks, Girt brace for. C. J. Gougler. 1,643,888; Sept. 27.

Die head, Nonrotary self opening. A. F. Breitenstein and E. A. Bartlett. 1,643,832; Sept. 27.
 Die opening and closing mechanism. J. A. Kinney. 1,643,662; Sept. 27.
 Digging mechanism, Hole-. J. O. Donnelly and F. D. Simminger. 1,643,549; Sept. 27.
 Dish drainer and tub cover, Combination. M. H. Rossner. 1,643,905; Sept. 27.
 Dish mop and scraper, Combination. A. Sacks. 1,643,857; Sept. 27.
 Dish, Service. R. Haley. Des. 73,519; Sept. 27.
 Dish stand. E. Helolan. 1,643,450; Sept. 27.
 Display-case closure. A. G. Stephens. 1,643,632; Sept. 27.
 Dock. E. W. McCullers. 1,643,464; Sept. 27.
 Documents, Aiding the sorting of. J. H. Fuller. 1,643,841; Sept. 27.
 Door and securing panels thereto, Automobile. W. S. Smith. 1,643,395; Sept. 27.
 Door closer. E. L. Teich. 1,643,932; Sept. 27.
 Door-lock construction. W. C. Devereaux. 1,643,764; Sept. 27.
 Door operating and locking device, Car-. R. S. Smith. 1,643,352; Sept. 27.
 Doors, walls, or other parts of buildings, Receiving apparatus for attachment to house. S. Hole. 1,643,639; Sept. 27.
 Dough-conditioning machine. A. Benz, Jr. 1,643,366; Sept. 27.
 Drain board and tub cover, Combined. J. W. Russell. 1,643,906; Sept. 27.
 Drier: See—
 Cue-tip drier.
 Drill: See—
 Core drill. Well drill.
 Rock drill.
 Drill pipes in well-boring apparatus, Slips for supporting. E. C. Pearson and J. Childs. 1,643,750; Sept. 27.
 Drill set. L. R. Hupp. 1,643,378; Sept. 27.
 Driving shield. F. B. Moran. 1,643,509; Sept. 27.
 Dry cell. F. H. Clives. 1,643,486; Sept. 27.
 Egg and process therefor, Preserved. H. F. Zoller. 1,643,913; Sept. 27.
 Electric cables, Terminal plug and sheath for. H. Kocourek. 1,643,462; Sept. 27.
 Electric conductors, Connector for. F. F. Hillix. 1,643,659; Sept. 27.
 Electric furnace. F. A. J. Fitzgerald. 1,643,808; Sept. 27.
 Electric furnace. A. D. Keene. 1,643,774; Sept. 27.
 Electric machine, Dynamo-. S. G. Nottage. 1,643,785; Sept. 27.
 Electric signal impulses, Method of and apparatus for amplifying. H. F. Herbig. 1,643,713; Sept. 27.
 Electric switch. D. R. Davies. 1,643,806; Sept. 27.
 Electric-switch casing, Multipole-. G. A. Burnham. 1,643,444; Sept. 27.
 Electric time-element device. F. N. Linstow. 1,643,852; Sept. 27.
 Electric-wire housing. J. D. Price. 1,643,725; Sept. 27.
 Electrical fixture, Wall-bracket. S. C. Wilhite. Des. 73,547; Sept. 27.
 Electrical network. G. A. Campbell. 1,643,332; Sept. 27.
 Electrode-feeding means. W. B. Jaspert. 1,643,773; Sept. 27.
 Electrode of the filter-press type, Electrolyzer. R. Pechkranz. 1,643,900; Sept. 27.
 Elevator: See—
 Portable elevator.
 Embroidering machines, Jacquard mechanism for. M. Hadam. 1,643,449; Sept. 27.
 Emergency dressing. E. E. Dickson. 1,643,926; Sept. 27.
 Emulsions, Separating oily. G. W. Coggeshall and A. Reilly. 1,643,698; Sept. 27.
 Emulsions, Treating. G. W. Coggeshall and A. Reilly. 1,643,699; Sept. 27.
 Engine: See—
 Gas engine. Steam engine.
 Internal-combustion engine.
 Engine-lubricating system. O. Miller. 1,643,674; Sept. 27.
 Engine shells, Self-supporting lining for Jordan-. A. L. Bolton. 1,643,368; Sept. 27.
 Engines and operating the same, Cooling system for internal-combustion. W. W. Muir. 1,643,511; Sept. 27.
 Engines, Automatic governor for marine. E. F. J. Breland. 1,643,574; Sept. 27.
 Engines, Cylinder construction for internal-combustion. E. Nibbs. 1,643,677; Sept. 27.
 Engines, Fan drive for. E. J. Hall. 1,643,622; Sept. 27.
 Engines, Governor for gas. W. Peterson. 1,643,516; Sept. 27.
 Engines, Supplementary exhaust for internal-combustion. A. A. West. 1,643,912; Sept. 27.
 Engines, System of control for marine. E. C. Stafford. 1,643,424; Sept. 27.
 Engines, Valve gear for steam. B. V. Nordberg. 1,643,853; Sept. 27.
 Engines, Variable-temperature cooling system for internal-combustion. W. W. Muir. 1,643,510; Sept. 27.
 Engraved plates with electros in a solid plate, Incorporating. W. J. Maginnis. 1,643,390; Sept. 27.
 Ester mixtures, Production of new. W. Claassen. 1,643,619; Sept. 27.
 Examining tubes and cavities in the body, Device for. G. Loeck. 1,643,718; Sept. 27.

Examining tubes and cavities in the body, Device for. G. Wolf. 1,643,732; Sept. 27.
 Extractor: See—
 Juice extractor.
 Fabric: See—
 Bed-spring fabric.
 Fan, Centrifugal. W. B. Pedelty. 1,643,317; Sept. 27.
 Fare-registering device. G. E. Schacht. 1,643,907; Sept. 27.
 Fastening-inserting machines, Economizer for. D. MacArthur. 1,643,389; Sept. 27.
 Fastening mechanism. W. E. H. Bell. 1,643,365; Sept. 27.
 Feeding-mechanism deflector. L. C. Steele. 1,643,686; Sept. 27.
 Fibers, Measuring the strength of. E. E. Chandler. 1,643,333; Sept. 27.
 Filing-end clearer. W. M. Tyson. 1,643,727; Sept. 27.
 Filtering, Apparatus for. W. H. Furness. 1,643,299; Sept. 27.
 Fine-tooth comb, Sanitary. K. Nagai. 1,643,512; Sept. 27.
 Finger ring. A. Shimen. Des. 73,542; Sept. 27.
 Finishing machine. G. Goddu. 1,643,556; Sept. 27.
 Fire extinguisher, Nontreezing. A. C. Badger. 1,643,363; Sept. 27.
 Fire-making device. J. C. Ramsey. 1,643,726; Sept. 27.
 Fish-beheading machine. R. Lea. 1,643,504; Sept. 27.
 Fluid-fuel burner. E. O. Eriksson and G. V. Johansson. 1,643,579; Sept. 27.
 Food and the product, Making a new. A. S. Hoyt. 1,643,772; Sept. 27.
 Fork: See—
 Sandwich fork. Tile fork.
 Fountain inkling roll. H. W. Ehrlen and J. H. Matthews. 1,643,488; Sept. 27.
 Frame: See—
 Quilting frame.
 Freight, Apparatus for handling. B. F. Fitch. 1,643,489; Sept. 27.
 Friction brake. R. W. Thomson. 1,643,354; Sept. 27.
 Fruit and the like, Apparatus for use in packing. G. H. Thornton. 1,643,429; Sept. 27.
 Fuel burner. W. J. Haddock. 1,643,889; Sept. 27.
 Fuel-supply mechanism for motor vehicles, Liquid-. E. Boast. 1,643,539; Sept. 27.
 Fuel-testing apparatus. E. H. Belknap. 1,643,617; Sept. 27.
 Furnace: See—
 Electric furnace. Wall furnace.
 Furnace for heating or melting metals. A. Zilliacus. 1,643,569; Sept. 27.
 Furnace front. J. A. Phelan. 1,643,902; Sept. 27.
 Furnace lining. D. L. Summey. 1,643,425; Sept. 27.
 Furnaces, Control for fluid-fuel. H. J. Sauvage. 1,643,859; Sept. 27.
 Furnaces, Pouring apparatus for glass. D. S. Beebe. 1,643,601; Sept. 27.
 Galley-slug adjuster. R. T. Bunn. 1,643,540; Sept. 27.
 Garage. S. Freeman. 1,643,409; Sept. 27.
 Garment fastener. I. C. Pife. 1,643,883; Sept. 27.
 Garments, Manufacturing. S. Elman. 1,643,707; Sept. 27.
 Gas engine. J. Picketts. 1,643,584; Sept. 27.
 Gas heater, Radiant. A. L. Spangler. Des. 73,543; Sept. 27.
 Gas heaters, Burner for radiant. H. Kielberg. 1,643,607; Sept. 27.
 Gasket. A. H. Kinzel. 1,643,561; Sept. 27.
 Gate. J. S. Fitch and J. F. Tobin. 1,643,297; Sept. 27.
 Gauge: See—
 Liquid-level gauge. Water gauge.
 Gauge, R. Bradstreet. 1,643,404; Sept. 27.
 Gauges, Fitting for gas-pressure. P. Goodman. 1,643,886; Sept. 27.
 Gear, Baby-carriage. G. Stinson. 1,643,910; Sept. 27.
 Gear, Combined inlet and unloading valve. B. V. Nordberg. 1,643,899; Sept. 27.
 Gear-cutting machines, Tool mechanism for. M. H. Johanson. 1,643,813; Sept. 27.
 Gear, Electric switch. E. Waterhouse. 1,643,634; Sept. 27.
 Gear-shifting mechanism. A. G. Wagner. 1,643,728-9; Sept. 27.
 Gear, Valve. H. Greger. 1,643,492; Sept. 27.
 Generator: See—
 High-frequency-current generator.
 Girder, Hollow light-metal. C. Dornier. 1,643,577; Sept. 27.
 Glass, Manufacture of sheet. H. R. Schutz. 1,643,680; Sept. 27.
 Glove. J. R. McBurney. 1,643,391; Sept. 27.
 Golf club. S. W. Sleith. 1,643,754; Sept. 27.
 Golf shaft or the like. D. F. Boyden. 1,643,573; Sept. 27.
 Grain, etc., Method and machine for thrashing. J. J. Trueb. 1,643,827; Sept. 27.
 Grain sprouter. B. J. Baskerville. 1,643,536; Sept. 27.
 Grease gun. J. A. Appleby. 1,643,761; Sept. 27.
 Grinding machine, Runner bar for plate glass. J. Didion. 1,643,928; Sept. 27.
 Grip, Hand. W. A. Howell. 1,643,891; Sept. 27.
 Grooving machine, Box-joint. A. Colonna. 1,643,576; Sept. 27.

Ground-speed indicator. R. Kauch and C. L. Paulus. 1,643,461; Sept. 27.
 Guns, Mount for. S. G. Green. 1,643,491; Sept. 27.
 Hair, Apparatus for waving. F. R. Marcel. 1,643,783; Sept. 27.
 Hair clipper. A. H. Hicks. 1,643,559; Sept. 27.
 Hammer, Drop. M. W. Cole. 1,643,875; Sept. 27.
 Hand bag. M. Baldwin. 1,643,440; Sept. 27.
 Hanger. T. W. Kendall. 1,643,661; Sept. 27.
 Hatband. N. L. Bootson. 1,643,335; Sept. 27.
 Harvesters, Separator attachment for bean. G. E. Pritchard. 1,643,629; Sept. 27.
 Harvesting flax and other plants, Machine for. M. Soenens. 1,643,684; Sept. 27.
 Headlight. C. A. Michel. 1,643,466; Sept. 27.
 Heat conserving and dispenser. O. Lundell. 1,643,745; Sept. 27.
 Heat-controlling device. W. F. Clark. 1,643,575; Sept. 27.
 Heat-resisting plate. F. A. Fehrenwald. 1,643,766; Sept. 27.
 Heater: See—
 Water heater.
 Heater casing, Parlor-. A. M. Mertzauoff. Des. 73,532-3; Sept. 27.
 Heater or fumer. I. E. Aske. 1,643,438-9; Sept. 27.
 Heating and ventilating apparatus. A. R. Teare. Rel. 7,761; Sept. 27.
 Heating element, Electric. W. C. Merrill. 1,643,673; Sept. 27.
 Heel and making the same. A. L. Clapp. 1,643,374; Sept. 27.
 Heel-building machine and method. W. Hubbard. 1,643,498; Sept. 27.
 Heel, Interchangeable rubber. A. H. Cowlin. 1,643,294; Sept. 27.
 Heels, Manufacture of. T. Lund. 1,643,387; Sept. 27.
 High-frequency current generator, Polyphase. R. D. Duncan, Jr. 1,643,405; Sept. 27.
 Hinge. M. W. Fischer. 1,643,621; Sept. 27.
 Hinge. J. Sosa. 1,643,592; Sept. 27.
 Hook: See—
 Choker hook. Snap hook.
 Hoop-making machine. E. Craig. 1,643,487; Sept. 27.
 Hydraulic press. E. M. Smith. 1,643,591; Sept. 27.
 Hydrocarbon liquids, Manufacturing light. W. S. Yard and E. N. Percy. 1,643,401; Sept. 27.
 Ice-cream-cone holder. E. Baker. 1,643,735; Sept. 27.
 Ice-cream packer, Iceless. H. A. Lidenberg. 1,643,816; Sept. 27.
 Ice shaver, Sanitary. A. R. Romero. 1,643,856; Sept. 27.
 Implement for testing cones. M. Bartholdy. 1,643,570; Sept. 27.
 Index rack. W. P. De Saussure, Jr. 1,643,547; Sept. 27.
 Indicator: See—
 Ground speed indicator.
 Inductive interference, Neutralization of. R. A. Shetzline. 1,643,350; Sept. 27.
 Insulator, High-tension. A. Simon. 1,643,565; Sept. 27.
 Internal-combustion engine. H. L. Brownback. 1,643,603; Sept. 27.
 Internal-combustion engine. E. Junge. 1,643,581; Sept. 27.
 Internal-combustion engine. A. Strand. 1,643,645; Sept. 27.
 Internal-combustion engine. H. A. Trussell. 1,643,896; Sept. 27.
 Jar clamp and wrench. P. Cole. 1,643,876; Sept. 27.
 Joint: See—
 Rail joint. Universal joint.
 Joint casing, Self-adjustable universal-. A. W. Meier. 1,643,723; Sept. 27.
 Journal wedge, Adjustable. G. L. Webb. 1,643,326; Sept. 27.
 Juice extractor. G. F. Marshall and C. W. Vogt. 1,643,819; Sept. 27.
 Key protector. U. L. Rife. 1,643,904; Sept. 27.
 Knicker supporter. L. E. Steensen. 1,643,613; Sept. 27.
 Knife-blade switch. W. H. Siemon. 1,643,789; Sept. 27.
 Knitting machine, Ribbed-top-holding-down attachment for. W. A. Hughes. 1,643,849; Sept. 27.
 Knitting machines, Yarn-feeding mechanism for. A. Landry. 1,643,341; Sept. 27.
 Knockdown table. A. Wexelman. 1,643,478; Sept. 27.
 Label-attaching seam. J. S. Finch. 1,643,406; Sept. 27.
 Lace. L. Dinkelspiel. Des. 73,515; Sept. 27.
 Lace. A. E. Newton. Des. 73,537; Sept. 27.
 Ladder. T. Thompson. 1,643,649; Sept. 27.
 Lamp and getter therefor, Gas-filled incandescent. D. S. Gustin. 1,643,810; Sept. 27.
 Lamp socket, Electric. N. B. Parsons. 1,643,641; Sept. 27.
 Lamp socket, Electric. H. E. Slade. 1,643,790; Sept. 27.
 Lamp, Therapeutic. R. X. Tuttle. 1,643,430; Sept. 27.
 Lapel turner. N. Giancola. 1,643,410; Sept. 27.
 Legging. F. S. Dilger. 1,643,620; Sept. 27.
 License-plate holder. E. L. Etheridge. 1,643,580; Sept. 27.
 Light fixtures, Wall plate for electric. C. W. Logan. Des. 73,529; Sept. 27.
 Light support. E. J. Jakubak. 1,643,455; Sept. 27.
 Light treatment of tubes and cavities in the body, Device for. G. Loeck. 1,643,719; Sept. 27.
 Lighting apparatus. F. W. Christy. 1,643,697; Sept. 27.
 Lighting fixture. E. F. Guth. Des. 73,518; Sept. 27.

Lighting-fixture ornament, Scroll-effect. H. R. Holdeman. Des. 73,522; Sept. 27.
 Lighting-fixture ring, Italian-effect. H. R. Holdeman. Des. 73,523; Sept. 27.
 Lighting-fixture shield, Italian-effect. H. R. Holdeman. Des. 73,520-1; Sept. 27.
 Lighting fixtures, Bracket back for. L. R. Wellman. Des. 73,545; Sept. 27.
 Lighting fixtures, Globe for. R. V. Owen. Des. 73,538; Sept. 27.
 Lime spreader. F. Niehaus. 1,643,748; Sept. 27.
 Liquid-level gauge. D. H. Reeves. 1,643,469; Sept. 27.
 Lock: See—
 Brake lock. Tire lock.
 Coin-controlled lock. Transmission lock.
 Cord lock. Valve lock.
 Nut lock.
 Lock. C. Rosenbahn. 1,643,752; Sept. 27.
 Lock pin. J. P. Ratigan. 1,643,586; Sept. 27.
 Locomotive booster apparatus. F. W. Martin. 1,643,308; Sept. 27.
 Logging hook. S. Ashdown. 1,643,362; Sept. 27.
 Loom dobbie. C. E. Buckley. 1,643,443; Sept. 27.
 Loom, Wire. E. S. Mummert. 1,643,347; Sept. 27.
 Looms, Device to check needle motion of Axminster. K. J. Unwin and W. H. Wakefield. 1,643,431; Sept. 27.
 Looms, Filling stop motion for. D. E. Skedgell. 1,643,931; Sept. 27.
 Looms, Let-off mechanism for. O. V. Payne. 1,643,417; Sept. 27.
 Looms, Protector mechanism for. E. L. Lane. 1,643,412; Sept. 27.
 Looms, Thread cutter for. V. H. Jennings and H. H. Watson. 1,643,457; Sept. 27.
 Looms, Thread-cutting mechanism for. E. H. Ryon. 1,643,422; Sept. 27.
 Looms, Weft detector for box. W. H. Wakefield. 1,643,432; Sept. 27.
 Loud speaker. J. Slepian. 1,643,791; Sept. 27.
 Luggage. O. J. Walinsky. 1,643,397; Sept. 27.
 Macaroni, Drying. A. W. Quiggle. 1,643,821; Sept. 27.
 Magneto-actuating mechanism. P. Brown. 1,643,636; Sept. 27.
 Manicuring device. E. B. Crump. 1,643,295; Sept. 27.
 Manifold devices, Automatic aligning attachment for. J. R. Young. 1,643,358; Sept. 27.
 Map construction. C. Bowman. 1,643,831; Sept. 27.
 Meat-block cleaner. M. A. Falver. 1,643,882; Sept. 27.
 Meat cutter. C. Biro. 1,643,829; Sept. 27.
 Mechanical movement. E. T. Black. 1,643,693; Sept. 27.
 Metal castings, Making. H. Klouman. 1,643,777; Sept. 27.
 Metal, Thermostatic. C. E. Fry. 1,643,809; Sept. 27.
 Metals from slag, Recovering. F. Rosenzweig. 1,643,610; Sept. 27.
 Metering panel board. A. C. McWilliams. 1,643,784; Sept. 27.
 Methane, Production of. F. Klatte and J. Söhl. 1,643,663; Sept. 27.
 Milking machines, Vacuum pump and compressor for. J. P. Devine. 1,643,296; Sept. 27.
 Mirror for automobiles, Rear-view. E. Porter. 1,643,420; Sept. 27.
 Molasses and product resulting therefrom, Treating. J. H. Leftwich. 1,643,666; Sept. 27.
 Mold: See—
 Tire mold.
 Mold. V. A. T. Albright. 1,643,651; Sept. 27.
 Molded articles, Preparing a material suitable for use in the manufacture of. S. J. Hayde. Re16,750; Sept. 27.
 Molding machine. J. F. Mullaney. 1,643,392; Sept. 27.
 Molding machines, Poppet valve for air-jolted. H. B. Swan and J. L. Crawford. 1,643,427; Sept. 27.
 Molds, Air cooling of permanent. H. S. Lee. 1,643,780; Sept. 27.
 Molds, Set-up and core bar for casting ingot. J. E. Perry. 1,643,419; Sept. 27.
 Mop. J. D. Chadwick. 1,643,637; Sept. 27.
 Mop, Floor. W. L. Crouch. 1,643,878; Sept. 27.
 Mop, Self-soaping. H. S. Bennett. 1,643,762; Sept. 27.
 Motor: See—
 Current motor. Synchronous motor.
 Motor controller. D. H. Chason. 1,643,292; Sept. 27.
 Mower, Electric lawn. P. S. Haselton. 1,643,656; Sept. 27.
 Multiple spring. J. W. Fry. 1,643,840; Sept. 27.
 Multiple switch. R. Law and E. J. Sweda. 1,643,894; Sept. 27.
 Music-scale-indicating device. C. M. Jones. 1,643,303; Sept. 27.
 Musical instrument, Keyboard. S. Kucharski. 1,643,562; Sept. 27.
 Needle mechanism. J. P. Wels. 1,643,595; Sept. 27.
 Nut lock. W. J. Beckfield. 1,643,484; Sept. 27.
 Nuts and screw heads, Lock for. A. Klatke. 1,643,384; Sept. 27.
 Oars, Tugboat moved by means of two-limbed. A. Ehrlich. 1,643,839; Sept. 27.
 Ont sprouter. B. J. Baskerville. 1,643,537; Sept. 27.
 Oil and gas burner, Combination. E. Seaver and F. A. Mazzur. 1,643,788; Sept. 27.
 Oil burner. T. B. Allardice. 1,643,436; Sept. 27.
 Oil cup for ceiling fans. E. W. Denman. 1,643,807; Sept. 27.

Oil wells, Apparatus for pumping. A. O. Zinn and J. A. Bried. 1,643,616; Sept. 27.
 Ophthalmic mounting and method. F. A. Stevens and J. W. Welsh. 1,643,909; Sept. 27.
 Oven, Gas-range. W. H. Wright. 1,643,532; Sept. 27.
 Oven, Gas-range. G. A. Hoffman. 1,643,339; Sept. 27.
 Pan-making machine, Automatic. W. J. Koepke. 1,643,609; Sept. 27.
 Paper box, Reinforced. A. D. Seiler. 1,643,564; Sept. 27.
 Paper-making apparatus. R. E. Heisel. 1,643,657; Sept. 27.
 Paper pulp, Making. B. S. Summers. 1,643,826; Sept. 27.
 Partition-assembling machine. V. M. Wade and C. E. Zuspan. 1,643,357; Sept. 27.
 Pavement, Cement-block. E. De Meyer. 1,643,879; Sept. 27.
 Pavement reinforcing, Positioning. W. D. Eaton and W. T. Lamb. 1,643,578; Sept. 27.
 Petroleum hydrocarbons, Treating. W. Cross. 1,643,446; Sept. 27.
 Phonograph record. N. H. Holland. 1,643,770; Sept. 27.
 Phonographic records, Repeating device for. S. M. Bookman. 1,643,369; Sept. 27.
 Photo-engraving process. F. Stockinger. 1,643,526; Sept. 27.
 Photographic two-lens objective. F. Weldert. 1,643,865; Sept. 27.
 Picture device, Motion. M. H. Loughridge. 1,643,670; Sept. 27.
 Picture projectors, Stereopticon for motion. B. A. Cawthon. 1,643,541; Sept. 27.
 Pictures by the transfer process, Production of. R. Von Arx. 1,643,529; Sept. 27.
 Pin: See—
 Lock pin.
 Pin stems, Safety catch for. E. Morehouse. Des. 73,536; Sept. 27.
 Pipe for wells, Perforated. E. M. Smith. 1,643,394; Sept. 27.
 Pipe-supporting clamp. E. C. Willson. 1,643,688; Sept. 27.
 Piston-aligning machine for connecting rod assemblies. W. Amb. 1,643,359; Sept. 27.
 Piston ring. J. G. Platt. 1,643,628; Sept. 27.
 Plane. E. A. Schade. 1,643,524; Sept. 27.
 Planers and similar tools, Tool holder for. F. E. Cardullo. 1,643,873; Sept. 27.
 Planter attachment. H. T. Maze and L. Bever. 1,643,414; Sept. 27.
 Plaster board, Method and apparatus for constructing. C. R. Birdsey. 1,643,801; Sept. 27.
 Plastic composition. C. S. Reeve. 1,643,520-1; Sept. 27.
 Plate mounting. H. A. Borresen. 1,643,652; Sept. 27.
 Plating machine. E. A. Gast. 1,643,604; Sept. 27.
 Spectrum for stringed instruments. J. L. Warner. 1,643,530; Sept. 27.
 Plow and cultivator, Combined. W. Van Arsdale. 1,643,567; Sept. 27.
 Plow-lift mechanism. H. S. Smith. 1,643,644; Sept. 27.
 Plows, Spraying attachment for. J. S. Hale. 1,643,846; Sept. 27.
 Poisoning machines, Material-dispensing means for. J. Q. Shunk. 1,643,423; Sept. 27.
 Polishing mitt. S. S. Millen. 1,643,722; Sept. 27.
 Portable elevator. J. Doolcher. 1,643,448; Sept. 27.
 Post: See—
 Binding post.
 Power shovel. C. E. Davis. 1,643,704; Sept. 27.
 Press: See—
 Hydraulic press.
 Presses and like machines, Construction of bearer plates for use in. F. Humphris. 1,643,893; Sept. 27.
 Printing machine, Selective. A. L. Priestley. 1,643,608; Sept. 27.
 Printing presses, Inking mechanism for. H. F. Bechman. 1,643,799; Sept. 27.
 Prints, Device for producing offset. H. Bielefeldt. 1,643,571; Sept. 27.
 Propeller, Reaction vacuum. F. Travnick. 1,643,862; Sept. 27.
 Propelling and steering apparatus, Combined. J. J. Novak. 1,643,314; Sept. 27.
 Propelling mechanism, Boat. J. Baker. 1,643,535; Sept. 27.
 Puller: See—
 Wheel puller.
 Pulley, Split. L. Rouanet. 1,643,611; Sept. 27.
 Pulverizer. R. L. Cawood. 1,643,874; Sept. 27.
 Pump governor, Turbine. J. M. Barrett. 1,643,483; Sept. 27.
 Punching machines, Carriage return for. W. W. Lasker. 1,643,779; Sept. 27.
 Quilting frame. E. R. Simons. 1,643,351; Sept. 27.
 Rack: See—
 Index rack.
 Radiators, Interior valve for. C. D. Hickman. 1,643,451; Sept. 27.
 Radio aerial pole or the like. W. H. Woodin, Jr. 1,643,659; Sept. 27.
 Radio device. G. R. Anderson. 1,643,290; Sept. 27.
 Radiographic apparatus. J. R. Kelley. 1,643,382; Sept. 27.
 Radio parts, Device for supporting. M. Selligman. 1,643,319; Sept. 27.

Radio picture receiver, Billboard. C. F. Jenkins. 1,643,660; Sept. 27.
 Radio sending system. D. G. Little. 1,643,781; Sept. 27.
 Rail bond. F. C. Lavarack and W. M. Page. 1,643,306; Sept. 27.
 Rail bond. T. G. Stiles. 1,643,755; Sept. 27.
 Rail joint. W. H. Bowles. 1,643,830; Sept. 27.
 Rail steel. J. K. Smith. 1,643,321; Sept. 27.
 Rails, Device for tilting. F. E. Howells and L. L. Leach. 1,643,714; Sept. 27.
 Railway braking apparatus. H. S. Loomis. 1,643,669; Sept. 27.
 Railway track. W. Dalton. 1,643,701; Sept. 27.
 Razor. W. G. Wallenbeck. 1,643,757; Sept. 27.
 Razor, Safety. E. N. Kennedy. 1,643,383; Sept. 27.
 Receptacle for rolls of toilet paper. R. E. Jordan. 1,643,380; Sept. 27.
 Receptacle, Garbage. A. E. Florance. 1,643,407; Sept. 27.
 Receptacle, Garbage. F. J. Mulhern. 1,643,897; Sept. 27.
 Receptacles, Machine for flanging and seaming sheet-metal. C. J. Rhodes. 1,643,470; Sept. 27.
 Reciprocating machine members, Pneumatic buffer for. G. Fornaca. 1,643,408; Sept. 27.
 Register dial. C. M. F. Friden. 1,643,551; Sept. 27.
 Register-front fastener. W. T. Truax. 1,643,863; Sept. 27.
 Regulator: See—
 Window regulator.
 Regulator for the pressure of a common source of fluid utilized in operating independent devices. J. S. Larson. 1,643,624; Sept. 27.
 Relay, Electrical. H. O. Holte. 1,643,340; Sept. 27.
 Ring: See—
 Piston ring.
 River control, Apparatus for. E. Bignell. 1,643,691; Sept. 27.
 Rivet. J. W. Iseman. 1,643,771; Sept. 27.
 Riveting machines, Safety device for. H. C. Vance. 1,643,795; Sept. 27.
 Rock-bit breaker. H. Braper and L. H. Cron. 1,643,442; Sept. 27.
 Rock drill. G. M. Nell. 1,643,563; Sept. 27.
 Rod structure, Connecting. L. J. McKone. 1,643,720; Sept. 27.
 Roof binding. E. A. Cross. 1,643,877; Sept. 27.
 Rope-securing device. A. F. Nelson. 1,643,676; Sept. 27.
 Roundabout. O. C. Hulsman. 1,643,499; Sept. 27.
 Safety hitch. G. Den Besten. 1,643,653; Sept. 27.
 Safety switch. H. J. L. Frank. 1,643,768; Sept. 27.
 Salts composed of alkaloids and acetylaminohydroxy-phenyl arsenic acid and preparing the same. F. Billon. 1,643,692; Sept. 27.
 Sanding device. J. O. Cage. 1,643,872; Sept. 27.
 Sandwich fork. C. Engert. 1,643,768; Sept. 27.
 Sanitary napkin. H. S. Williams. 1,643,615; Sept. 27.
 Sash, Double-hung window. J. Brough. 1,643,920; Sept. 27.
 Sawing apparatus and method. W. S. Dietrich. Re16,747; Sept. 27.
 Saxophone, Mouthpiece. D. A. McDonald. 1,643,310; Sept. 27.
 Scraper. S. P. Frost. 1,643,336; Sept. 27.
 Screw driver and starter, Combination. E. Walker. 1,643,433; Sept. 27.
 Screw making and turning machine. L. K. Braren. 1,643,635; Sept. 27.
 Separating potatoes from floatable foreign matter, Device for. R. C. Zuckerman. 1,643,596; Sept. 27.
 Separator basket, Centrifugal. W. J. Blanchard. 1,643,441; Sept. 27.
 Serving implement. S. W. James. 1,643,456; Sept. 27.
 Sewing machines, Trimming mechanism for. J. R. Moffatt. 1,643,826; Sept. 27.
 Sheet-feeding means. G. W. Swift, Jr. 1,643,646; Sept. 27.
 Sheet-stacking mechanism. A. Zimniewicz. 1,643,482; Sept. 27.
 Shingle, Metallic B. G. Call. 1,643,445; Sept. 27.
 Shingles, Method and mechanism for making tapered. A. L. Clapp. 1,643,373; Sept. 27.
 Shock-absorbing device. J. A. Anglada. 1,643,597; Sept. 27.
 Shoe. L. B. Joseph. 1,643,851; Sept. 27.
 Shovel: See—
 Power shovel.
 Shuttle. R. N. Allen. 1,643,360; Sept. 27.
 Sign, Illuminated. E. P. MacNicol. 1,643,506; Sept. 27.
 Sign, Street. H. C. Gatchell. 1,643,552; Sept. 27.
 Sign support for temporary structures. E. Pitou. 1,643,585; Sept. 27.
 Signal: See—
 Traffic signal.
 Signals, Apparatus for transmitting the position of. C. Bergfeld. 1,643,800; Sept. 27.
 Signaling, Railway. L. O. Grondahl. Re16,744; Sept. 27.
 Silk, yarn, or the like, Apparatus for drying artificial. E. S. Teed. 1,643,594; Sept. 27.
 Sleeve holders, Fastener for. H. P. Nissen. 1,643,627; Sept. 27.
 Slide. H. W. Falstrom. 1,643,767; Sept. 27.
 Slide. A. Montan. 1,643,746-7; Sept. 27.
 Slip. A. Fox. 1,643,884; Sept. 27.
 Snap hook. J. E. Ellis. 1,643,881; Sept. 27.
 Snare trap. A. Boerner. 1,643,602; Sept. 27.
 Snubber. J. Dixon. 1,643,927; Sept. 27.

Soap-measuring device. J. P. Young. 1,643,828; Sept. 27.
 Soap product, Manufacture of a finely-divided dry. R. L. Holliday. Re16,749; Sept. 27.
 Socket, Electric. I. F. Giles. 1,643,655; Sept. 27.
 Socket wrench. J. N. Peterson. 1,643,814; Sept. 27.
 Socket wrench. J. N. Peterson. 1,643,855; Sept. 27.
 Socket wrench. J. N. Peterson. 1,643,901; Sept. 27.
 Socket wrench. C. A. Shedd. 1,643,860; Sept. 27.
 Sole treading surface when the foot is under load and not under load, Apparatus for observing the variation of the. J. May. 1,643,626; Sept. 27.
 Sound-reproducing apparatus. C. M. Boudette. Re16,748; Sept. 27.
 Spark-plug cleaner. M. Itjen. 1,643,606; Sept. 27.
 Specific-gravity balance. T. F. Manns. 1,643,343; Sept. 27.
 Spinning frames, Pneumatic separator for. I. Linon and J. Dethier. 1,643,717; Sept. 27.
 Spinning machine. W. Stahlecker. 1,643,685; Sept. 27.
 Splint cutter. O. G. Simmons. 1,643,474; Sept. 27.
 Splint. A. W. Jones. 1,643,850; Sept. 27.
 Spraying machine, Liquid. L. Ratliff. 1,643,518; Sept. 27.
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 Multiple spring.
 Sprocket, Traveling track. E. J. Armstrong. 1,643,598; Sept. 27.
 Sprocket wheel, Renewable-rim. C. Rorabeck. 1,643,472; Sept. 27.
 Square and gauge, Frame. J. Bunker. 1,643,695; Sept. 27.
 Stair, Metallic. J. Lehman. 1,643,342; Sept. 27.
 Stand: See—
 Dish stand.
 Stationary and office-appliance assembler. F. A. Warren. 1,643,477; Sept. 27.
 Steam engine. N. M. Lower. 1,643,671; Sept. 27.
 Steering-wheel attachment, Vehicle. H. R. East. 1,643,706; Sept. 27.
 Storage tank. E. M. Clark. 1,643,924; Sept. 27.
 Stove, Rotary combination. R. G. Williams. 1,643,650; Sept. 27.
 Stoves, Heater for gas and oil. M. J. Walther. 1,643,434; Sept. 27.
 Submarine lifting device. P. C. Wood. 1,643,733; Sept. 27.
 Surgical instrument. R. L. Schulz. 1,643,631; Sept. 27.
 Sweepers, Nozzle adjustment for suction. G. C. Curry. 1,643,763; Sept. 27.
 Switch: See—
 Alarm-clock switch. Safety switch.
 Knife-blade switch. Thermal switch.
 Multiple switch.
 Switch mechanism. H. G. Baxter. 1,643,798; Sept. 27.
 Switch plate. F. H. Auld. 1,643,599; Sept. 27.
 Synchronous motor. H. Welchel. 1,643,398; Sept. 27.
 Syringe. H. Lowenfeld. 1,643,744; Sept. 27.
 Syringe for hypodermic needles or the like. W. Wolf. 1,643,531; Sept. 27.
 Table: See—
 Knockdown table.
 Tacker, Hand. H. A. Ballard. 1,643,364; Sept. 27.
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 Storage tank.
 Tanks, Attachment for oil. J. A. Butcher. 1,643,833; Sept. 27.
 Telephone system. E. E. Hinrichsen. 1,643,452; Sept. 27.
 Telephone system, Automatic. J. Wickes. 1,643,797; Sept. 27.
 Temperature-changing and air-circulating appliance. C. A. Moore. 1,643,346; Sept. 27.
 Temperature-responsive apparatus. C. A. Martin. 1,643,582; Sept. 27.
 Textile fabric. E. A. Weeks. Des. 73,544; Sept. 27.
 Therapeutic apparatus. M. W. Wentworth. 1,643,399; Sept. 27.
 Thermal switch. B. H. Smith. 1,643,792; Sept. 27.
 Thermocouple. V. K. Zworykin. 1,643,734; Sept. 27.
 Thermoelectrical measuring arrangement. N. Lindblad. 1,643,668; Sept. 27.
 Thermostatic control. H. J. Sauvage. 1,643,858; Sept. 27.
 Thrashing concave and cylinder. Grain. P. A. Shorb. 1,643,683; Sept. 27.
 Tile fork. E. C. Wente. 1,643,867; Sept. 27.
 Tillage implement. C. T. Ray. 1,643,519; Sept. 27.
 Tire for motor vehicles and the like and manufacturing same. E. Hibbert. 1,643,848; Sept. 27.
 Tire lock. R. H. Butters and R. W. Starke. 1,643,485; Sept. 27.
 Tire-locking device. I. V. Shupe. 1,643,824; Sept. 27.
 Tire mold. W. P. Henson. 1,643,712; Sept. 27.
 Tire, Pneumatic. J. F. Palmer. 1,643,514; Sept. 27.
 Tire rim, Collapsible. A. T. J. Bahr. 1,643,534; Sept. 27.
 Tire rim, Demountable. D. H. McClelland. 1,643,672; Sept. 27.
 Tire vulcanizer. M. H. Gregg. 1,643,493; Sept. 27.
 Tires, Vulcanizing molding apparatus for rubber. P. Barre. 1,643,869; Sept. 27.
 Toilet-seat cover. C. L. Mahoney. 1,643,413; Sept. 27.
 Tool. G. O. Carlson. 1,643,835; Sept. 27.
 Tool. J. Szakacs. 1,643,861; Sept. 27.

Tool, Flue-sheet. M. B. Roderick. 1,643,679; Sept. 27.
 Tool, Fluid-actuated. A. H. Katterjohn. 1,643,560; Sept. 27.
 Tool for applying fasteners to fruit-basket tops. E. M. Selfert. 1,643,612; Sept. 27.
 Tool, Tracing. L. J. Homan, jr. 1,643,302; Sept. 27.
 Tool, Waste-pipe. C. E. Dunham. 1,643,638; Sept. 27.
 Towel. W. Reiss. Des. 73,541; Sept. 27.
 Toy, Figure wheeled. J. J. Becker. 1,643,917; Sept. 27.
 Toy, Loping-pony. C. P. Rusha. 1,643,371; Sept. 27.
 Toy, Mechanical. J. J. Becker. 1,643,916; Sept. 27.
 Toy or article of similar nature. F. B. Miller. Des. 73,534; Sept. 27.
 Toy or similar article of manufacture. F. B. Wendel. Des. 73,546; Sept. 27.
 Toy steamboat. J. J. Becker. 1,643,918; Sept. 27.
 Toy vehicle, Automatically-reversible. H. P. Prosser. 1,643,903; Sept. 27.
 Trackways, Hanger for overhead. R. S. Northmore. 1,643,749; Sept. 27.
 Tractor. E. H. Dieckmann. 1,643,375; Sept. 27.
 Tractor hitch. Shifting. P. A. Chafa and O. R. Gruber. 1,643,542; Sept. 27.
 Tractor wheel. S. R. Darby. 1,643,702; Sept. 27.
 Traffic-controlling apparatus, Railway. P. N. Bossart. 1,643,331; Sept. 27.
 Traffic-controlling apparatus, Railway. R. A. McCann. 1,643,344; Sept. 27.
 Traffic signal. H. Cooke, jr. 1,643,925; Sept. 27.
 Train-control apparatus, Railway. P. H. Gelger. 1,643,337; Sept. 27.
 Train-control systems, Train-carried receiver for automatic. H. O. Holte. 1,643,377; Sept. 27.
 Transmission lock. A. M. Wiswell. 1,643,480; Sept. 27.
 Trap. See—
 Snare trap.
 Trap. H. Parris. 1,643,315; Sept. 27.
 Trimming. A. A. Ruppert. 1,643,318; Sept. 27.
 Trolley pole. S. Pulaski. 1,643,751; Sept. 27.
 Tube. See—
 X-ray tube.
 Tube-cleaning apparatus for tinning purposes. C. D. Dallas. 1,643,545; Sept. 27.
 Tubes, Container for collapsible. I. T. Kahn. 1,643,381; Sept. 27.
 Tubing bleeder. E. D. Smyser. 1,643,908; Sept. 27.
 Tunnel kiln. J. Kellehen. 1,643,775; Sept. 27.
 Tunnel-ventilating system. J. M. Woll. 1,643,868; Sept. 27.
 Typewriting machine. W. A. Dobson. 1,643,654; Sept. 27.
 Typewriting machine. A. G. F. Kurowski. 1,643,664; Sept. 27.
 Typewriting machine. C. E. Norlin. 1,643,583; Sept. 27.
 Umbrella, Folding. G. Ball-Osterwalder. 1,643,724; Sept. 27.
 Undergarment, Woman's. H. L. Redmond. 1,643,568; Sept. 27.
 Unit-measuring machines, Receptacle-handling means for. C. N. Gergmann, and E. Z. and C. Taylor. 1,643,367; Sept. 27.
 Universal coupling. R. C. Stiefel. 1,643,353; Sept. 27.
 Universal joint. G. L. Tarbox. 1,643,647-8; Sept. 27.
 Upholstery panel and making the same. J. A. Willson. 1,643,400; Sept. 27.
 Valve. J. D. Lalor. 1,643,305; Sept. 27.
 Valve, Butterfly. D. W. Slattery. 1,643,753; Sept. 27.
 Valve, Electrically-operated. H. J. Sauvage. 1,643,523; Sept. 27.
 Valve, Flushing. A. Jacobson and A. L. Ogilvie. 1,643,500; Sept. 27.
 Valve lock. R. Y. Mickler. 1,643,930; Sept. 27.
 Valve, Train-pipe end. E. H. Gold. 1,643,300; Sept. 27.
 Valves, Ball-unsealing device in line. R. M. Manning. 1,643,818; Sept. 27.

Vanillin, Manufacturing. R. H. Bots. 1,643,804-5; Sept. 27.
 Variable instruments, Control unit for. K. Rottgardt. 1,643,787; Sept. 27.
 Vehicle body. J. Ledwinka. 1,643,742; Sept. 27.
 Vehicle guard. E. C. Gledhill. 1,643,555; Sept. 27.
 Vehicle suspension. B. F. Seymour. 1,643,681; Sept. 27.
 Vehicles, Hold-down device for. W. W. Blakely. 1,643,802; Sept. 27.
 Vehicles, Multiwheel propelling mechanism for motor. J. M. Thorp. 1,643,476; Sept. 27.
 Vehicles, Spring suspension for. H. W. Hyde. 1,643,811; Sept. 27.
 Vending machine, Automatic. J. Paupa. 1,643,316; Sept. 27.
 Vending-machine case. C. F. Kurtz. Des. 73,528; Sept. 27.
 Ventilating, heating, and humidifying apparatus. C. A. Moore. 1,643,345; Sept. 27.
 Ventilator. See—
 Car ventilator.
 Wall furnace. H. T. Dykes. 1,643,705; Sept. 27.
 Washboard. D. Greene. 1,643,845; Sept. 27.
 Washing machine. A. R. Haag. Re 16,746; Sept. 27.
 Watch barrel. H. A. Borresen. 1,643,403; Sept. 27.
 Watchcase. F. G. Gruen. Des. 73,517; Sept. 27.
 Watches, Setting and winding mechanism for. C. H. H. Rodanet. 1,643,630; Sept. 27.
 Water gauge, Safety. W. M. Myers. 1,643,467; Sept. 27.
 Water heater. A. E. Anla. 1,643,533; Sept. 27.
 Water heater. W. E. O'Brien. 1,643,854; Sept. 27.
 Wave length. Device for altering the. S. Loewe. 1,643,782; Sept. 27.
 Weaving. J. R. Lister. 1,643,817; Sept. 27.
 Welding electrodes, Manual holder for arc. A. Marland. 1,643,929; Sept. 27.
 Welding, Method and apparatus for. J. F. Lawson. 1,643,307; Sept. 27.
 Welding systems, Engine controller for. R. E. Frickey and A. S. Kalenborn. 1,643,550; Sept. 27.
 Well-boring machine. C. Wild. 1,643,731; Sept. 27.
 Well drill. C. Wild. 1,643,730; Sept. 27.
 Wheel. See—
 Sprocket wheel. Tractor wheel.
 Wheel. T. G. Dade. 1,643,700; Sept. 27.
 Wheel. G. E. Jones, sr. 1,643,460; Sept. 27.
 Wheel puller. J. J. McGucklin. 1,643,896; Sept. 27.
 Wheel structure. W. A. Hutchinson. 1,643,379; Sept. 27.
 Winding machines, Adjustable guide for. G. F. Albach, jr. 1,643,914; Sept. 27.
 Winding mechanism, Ink-ribbon. S. A. Neldich. 1,643,313; Sept. 27.
 Window adjustment. G. Butcher. 1,643,871; Sept. 27.
 Window-adjustment construction, Casement. G. Butcher. 1,643,921; Sept. 27.
 Window construction. Ventilating. J. A. Glass. 1,643,554; Sept. 27.
 Window display Refrigerator case for. L. E. Chambers. 1,643,372; Sept. 27.
 Window regulator. E. G. Simpson. 1,643,320; Sept. 27.
 Window-sash holder. F. H. Stowell. 1,643,614; Sept. 27.
 Windshield wiper. J. Bornstein. 1,643,919; Sept. 27.
 Wire fabric, Apparatus for the production of. A. Armstrong. 1,643,291; Sept. 27.
 Wood wind and like musical instrument. J. W. McAvoy. 1,643,463; Sept. 27.
 Woodworking machine, Portable. J. L. Weaver. 1,643,325; Sept. 27.
 Wrench. See—
 Chain wrench. Socket wrench.
 Wrench of the adjustable-jaw type, Open-end. J. Van Eck. 1,643,633; Sept. 27.
 Wringer. See—
 Clothes wringer.
 Wringer-roll guard. G. W. Smith, jr. 1,643,475; Sept. 27.
 X-ray tube. G. Holst. 1,643,453; Sept. 27.

CLASSIFICATION OF PATENTS

ISSUED SEPTEMBER 27, 1927.

NOTE.—First number=class, second number=subclass, third number=patent number.

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OFFICIAL GAZETTE

OF THE

UNITED STATES PATENT OFFICE.

VOLUME 363.

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UNITED STATES
GOVERNMENT PRINTING OFFICE
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ERRATA.

Alphabetical List of Patentees, October 18, 1927, 1,645,794, page 16, name of patentee, for "Blumstead, Ralph W." read *Bumstead, Ralph W.*

1,644,850, page 313, in the heading, assignment, name of assignee, for "I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany, a Corporation of Germany" read *Grasselli Dyestuff Corporation, New York, N. Y., a Corporation of Delaware.*

1,644,851, page 313, in the heading, assignment, name of assignee, for "I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany, a Corporation of Germany" read *Grasselli Dyestuff Corporation, New York, N. Y., a Corporation of Delaware.*

VOL. 363.

THE OFFICIAL GAZETTE

OF THE

United States Patent Office.

Vol. 363—No. 1.

TUESDAY, OCTOBER 4, 1927.

Price—\$10 per year.

The OFFICIAL GAZETTE is mailed under the direction of the Superintendent of Documents, Government Printing Office, to whom all subscriptions should be made payable and all communications respecting the Gazette should be addressed. Issued weekly. Subscription, \$10.00 per annum; including annual indexes, \$11.50; single numbers, 25 cents each. PRINTED COPIES OF PATENTS are furnished by the Patent Office at 10 cents each. For the latter, address the Commissioner of Patents, Washington, D. C. CIRCULARS OF GENERAL INFORMATION concerning PATENTS or concerning TRADE-MARKS, PRINTS, and LABELS will be sent without cost on request to the Commissioner of Patents, Washington, D. C.

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Total.....	1,193

Numbering of Claims.

(ORDER NO. 3,023.)

U. S. PATENT OFFICE, Washington, Sept. 21, 1927.

In view of difficulties arising in the Government Printing Office in the printing of specifications, the claims of an application, when it is passed to issue, must, as to all appearing in any one paper, be numbered in sequence. If this is not possible with the claims as they appear when the case is allowed, the rewriting of all, or as many of them as may be necessary to comply with this rule, will be required.

WM. A. KINNAN,
Acting Commissioner.

Notice of Cancellation.

U. S. PATENT OFFICE, Washington, June 23, 1927.

Robert Groppler, his assigns or legal representatives, take notice:

A cancellation proceeding having been instituted by this Office upon the application of Lysol, Incorporated, of Bloomfield, N. J., to effect the cancellation of the trade-mark registration of Robert Groppler, of 7 Mots Street, Berlin, Germany, No. 34,878, dated July 10, 1900, and the notice of such proceeding sent by registered mail to the said Groppler at the said address having been returned by the post-office as undeliverable, notice is hereby given that unless said Groppler, his assigns or legal representatives, shall enter an appearance therein within

thirty days from the first publication of this order the cancellation will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

WM. A. KINNAN,
First Assistant Commissioner.

Adverse Decisions in Interference.

In interferences involving the indicated claims of the following patents final decisions have been rendered that the respective patentees were not the first inventors with respect to the claims listed:

Pat. 1,483,507, C. J. Brockbank, Refractory article and method of making the same, decided July 21, 1927, claims 1 and 3.

Pat. 1,556,625, G. O. Pomeroy, Pressing machine, decided July 20, 1927, claim 1.

Pat. 1,582,898, J. Bobrow, Hinge and the hingedly connecting of temples to frames of spectacles, decided August 27, 1927, claim 1.

Final decision in interference has been rendered against the following trade mark:

T. M. 222,237, Field seeds and seed grains, Occidental Seed Company. Registered December 28, 1926. Decided August 11, 1927.

Drawings.

RULE 26.

38. When there are drawings, the description will refer to the different views by figures and to the different parts by letters or numerals, (preferably the latter.)

RULE 52—EXTRACT.

(7) The different views should be consecutively numbered. Letters and figures of reference must be carefully formed. They should, if possible, measure at least one-eighth of an inch in height, so that they may bear reduction to one twenty-fourth of an inch; and they may be much larger when there is sufficient room. They must be so placed in the close and complex parts of drawings as not to interfere with a thorough comprehension of the same, and therefore should rarely cross or mingle with the lines. When necessarily grouped around a certain part, they should be placed at a little distance, where there is available space, and connected by short lines with the parts to which they refer and by short broken lines when the number or letters refers to parts shown in dotted lines. They should not be placed upon shaded surfaces, and when it is difficult to avoid this, a blank space must be left in the shading where the letter occurs, so that it shall appear perfectly distinct and separate from the work. If the same part of an invention appear in more than one view of the drawing it must always be represented by the same character, and the same character must never be used to designate different parts.

It is suggested that numerals or letters be used without exponents.

2330

Condition of Applications Under Examination at Close of Business September 23, 1927.

Room No.	DIVISIONS, EXAMINERS, AND SUBJECTS OF INVENTIONS.	Oldest new application and oldest action by applicant awaiting office action.		No. of applications awaiting action.
		New.	Amended.	
112	1. LOEFFLER, F. A., Closure Operators; Fences; Gates; Tillage; Scattering Unloaders.	May 21	May 19	745
126	2. HADEN, C. F., Bee Culture; Dairy; Preserving; Presses; Tobacco.	Apr. 25	Apr. 30	967
331	3. LINDSEY, A., Electric Heating; Electrochemistry; Heating; Metal Founding; Metallurgical Apparatus; Metallurgy; Metal Treatment; Plastic Metal Working.	Apr. 18	May 10	1,621
234	4. MERRITT, A. D., Conveyers; Hoists; Handling Apparatus and Implements, and Pushing and Pulling.	Feb. 14	Feb. 9	1,815
108*	5. MACNAB, J. F., Harvesters; Jewelry; Music; Acoustics; Sound Recording; Knotters.	Mar. 28	Mar. 28	1,091
318	6. LEWERS, A. M., Chemistry; Carbon Compounds; Substance Preparation.	Jan. 22	Jan. 28	1,748
106	7. JARBOE, C. G., Amusement and Exercising Devices; Toys; Optics; Photography.	Mar. 12	Mar. 17	1,492
133	8. HENRY, C. C., Beds; Chairs and Seats; Furniture; Kitchen and Table Articles; Store Furniture.	Mar. 18	Apr. 9	1,782
221	9. ADAMS, R. E., Pumps; Fluid and Fluid-Current Motors.	June 11	June 13	899
118	10. HUNTER, O. F., Land Vehicles—Animal Draft Appliances, Bodies and Tops.	Mar. 8	Mar. 18	1,420
148*	11. ARMSTRONG, H. C., Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Hides, Skins, and Leather Manufactures; Nailing and Stapling; Whip Apparatus; Cutting and Punching Sheets and Bars.	May 3	Apr. 28	1,007
380	12. PIERCE, P. P., Machine Elements.	Mar. 10	Mar. 14	1,319
154*	13. CLIFT, J. W., Bolt, Nail, Nut, Rivet, and Screw Making; Chain, Staple, and Horseshoe Making; Driven, Headed, and Screw-Threaded Fastenings; Gear Cutting, Milling, and Planing; Metal Drawing; Metal Forging and Welding; Metal Rolling; Metal Working; Needle and Pin Making; Turning; Boring and Drilling.	Mar. 7	Mar. 21	1,552
102*	14. BRUMBAUGH, N. J., Compound Tools; Farriery; Metal Bending; Metal Tools and Implements, Making; Sheet-Metal Ware, Making; Tools; Wire Fabrics and Structure; Wire Working; Metal Working, Assembling, and Blanks and Processes.	Mar. 10	Apr. 5	1,448
329	15. REDROW, W. L., Glass; Paper Making; Plastic Block and Earthenware Apparatus; Plastics.	Mar. 24	Apr. 1	1,733
242*	16. SPENCER, C. J., Batteries; Resistances and Rheostats; Telegraphy; Telephony.	May 6	May 20	845
307	17. RAFTER, G. S., Label Pasting and Paper Hanging; Nut and Bolt Locks; Ornamentation; Paper Manufactures; Printing; Type Casting; Sheet-Material Associating or Folding; Sheet or Web Feeding or Delivering; Type Setting.	Mar. 5	Mar. 18	839
229	18. PORTER, M. E., Motors, Expandable-Chamber Type; Power Plants; Speed-Responsive Devices.	Mar. 22	Mar. 22	1,006
236	19. GLASCOCK, E. S., Furnaces; Heating Systems; Liquid and Gaseous Fuel Burners; Stoves and Furnaces.	May 27	May 21	1,005
179	20. GROVE, S. D., Miscellaneous Hardware; Closure Fasteners; Locks and Latches; Safes; Undertaking.	May 28	June 1	1,043
212	21. THURBER, W. L., Winding and Reeling; Textiles; Cloth Finishing.	Apr. 9	Apr. 2	1,125
244*	22. COLWELL, J. H., Amusement Devices, Games; Firearms, Ordnance, and Explosive Devices; Air Guns, Catapults, and Targets; Boats and Buoys; Ships; Marine Propulsion.	Mar. 31	Apr. 6	1,110
217	23. GROESBECK, W. D., Coin Handling; Records; Registers; Horology; Time-Controlling Mechanism.	Mar. 2	Feb. 28	984
147*	24. DURAS, C. O., Apparel; Apparel Apparatus; Garment Supporters; Sewing Machines.	Feb. 9	Feb. 16	1,154
314	25. LIGHTFOOT, J. H., Agitating; Bleaching and Dyeing; Butchering; Classifying Solids; Centrifugal Bowl Separators; Explosive, Pyrotechnic, and Match Compositions; Fertilizers; Mills; Sugar and Starch; Threshing; Vegetable and Meat Cutters and Comminutors.	Mar. 23	Mar. 19	1,312
228*	26. HODGES, J. S., Electricity, Generation; Motive Power; Prime-Mover Dynamo Plants.	Mar. 18	Mar. 8	1,001
214	27. ANDERSON, L. S., Brush, Broom, and Mop Making; Brushing, Scrubbing, and General Cleaning; Laundry; Washing Apparatus.	May 9	May 26	932
225	28. BENSON, A. R., Internal-Combustion Engines.	Apr. 14	Apr. 13	1,178
160*	29. MORRIS, B. N., Abrading; Button Making; Coopering, Wheelwright Machines; Wood Sawing; Wood Turning; Woodworking; Woodworking Tools.	Feb. 28	Mar. 14	1,321
248	30. SHIPMAN, J. L., Automatic Temperature and Humidity Regulation; Illuminating Burners; Illumination; Typewriting Machines; Thermostats and Humidostats.	Mar. 7	Apr. 14	1,225
312	31. HOLMES, W. N., Alcohol; Ammonia, Water, and Wood Distillation; Charcoal and Coke; Gas, Heating and Illuminating; Hydraulic Cement and Lime; Mineral Oils; Oils, Fats, and Glue.	Mar. 3	Mar. 4	1,719
349	32. BARTHOLOMEW, J. A., Gas and Liquid Contact Apparatus; Heat Exchange; Gas Separation.	Apr. 18	Apr. 20	1,248
152	33. WYMAN, W. I., Bridges; Hydraulic and Earth Engineering; Masonry and Concrete Structures; Metallic Building Structures; Roads and Pavements; Roofs; Wooden Buildings.	May 23	May 23	1,575
304	34. SIMPSON, G. R., Electricity-Transmission to Vehicles; Pneumatic Dispatch; Railways, Rolling Stock, Switches, and Signals; Store Service; Vehicle Fenders.	Mar. 14	Feb. 26	1,000
116*	35. REYNOLDS, E. C., Buckles, Buttons, Clasps, Etc.; Card, Picture, and Sign Exhibiting; Signals and Indicators; Toilet.	May 25	June 7	1,113
105	36. MORTON, G. L., Automatic Weighers; Geometrical and Measuring Instruments; Force Measuring.	May 14	May 19	1,143
324*	37. WEAVER, M. E., Electricity, Circuit Makers and Breakers.	Apr. 1	Mar. 22	1,560
145	38. KRAFFT, C. F., Animal Husbandry; Earth Boring; Fishing, Trapping, and Vermin Destroying; Mining, Quarrying, and Ice Harvesting; Stoneworking; Wells.	Apr. 11	May 5	1,151
220	39. COWLES, A. W., Fluid-Pressure Regulators; Multiple Valves; Valves; Water Distribution.	Apr. 6	Mar. 17	984
269	40. OBERLIN, J. J., Baggage; Bottles and Jars; Package and Article Carriers; Receptacles.	Feb. 21	Mar. 28	2,375
125	41. BROWN, J. I., Land Vehicles, Wheels, and Axles; Resilient Tires and Wheels; Wheel Substitutes.	Apr. 4	May 3	827
223*	42. CUTTING, H. O., Electrical Conduits and Housings; Electric Signaling.	Feb. 19	Feb. 23	1,531
124*	43. HOPKINS, F. M., Baths, Closets, Sinks, and Spilltoons; Sewerage; Electricity, Medical and Surgical; Medicines; Surgery; Dentistry; Artificial Body Members; Railway Draft Appliances.	Apr. 12	May 4	1,097
253	44. SHAFFER, C. H., Dispensing; Dispensing Beverages; Filling and Closing Portable Receptacles; Refrigeration.	Feb. 12	Mar. 5	1,367
379	45. GILES, A. H., Pulleys and Shafting; Lubrication; Machine Elements; Bearings and Guides.	May 2	May 4	989
233	46. WOLCOTT, C. L., Concentrating Evaporators; Fluid Sprinkling, Spraying, and Diffusing; Fire Extinguishers; Liquid Heaters and Vaporizers.	Mar. 15	Mar. 15	1,100
264	47. BARKER, H., Brakes; Clutches and Power Stop Control; Elevators; Fluid-Pressure Brake and Analogous Systems; Motors; Spring Devices.	Apr. 5	Apr. 12	1,686
213*	48. ROEPKE, O. B., Electricity, General Applications.	Mar. 25	Mar. 24	1,108
239	49. EDINBURG, F. P., Check-Controlled Apparatus; Domestic Cooking Vessels; Fuel and Igniting Devices; Ventilation; Veicelpedes; Driers; Liquid Separation or Purification.	Mar. 16	Mar. 25	1,147
322	50. BLAKE, C. L., Plastic and Liquid Coating Compositions; Coating; Laminated Fabrics.	Apr. 8	Apr. 8	1,780
240*	51. BACKUS, C. D., Radiant Energy, Wave Transmission.	Mar. 9	Mar. 2	1,606
144	52. MORGAN, E. T., Supports; Chucks; Fire Escapes; Ladders; Scaffolds; Railway Mail Delivery; Joint Packing; Pipe and Rod Joints or Couplings; Tool-Handle Fastenings.	Apr. 27	May 4	1,320
309	53. PECK, M. K., Books; Manifolding; Printed Matter; Stationery; Educational Appliances; Paper Files and Binders; Tents, Canopies, Umbrellas, and Canes; Curtains, Shades, and Screens.	May 2	May 5	1,200
241*	54. LANE, C. H., Electric Lamps; Conductors; Vapor Electric Devices; Space Discharge Tubes.	Jan. 21	Jan. 25	1,933
102	55. RICHARD, V. I. (Acting)—{Bread, Pastry, and Confection Making; Cutlery.	Mar. 2	Mar. 10	729
		Aug. 8	Aug. 15	576
		Aug. 24	Sept. 7	1,593
163	TRADE-MARKS, LABELS, AND PRINTS: F. A. RICHMOND—{Trade-Marks.	Aug. 25	Sept. 15	214

* Refers to room numbers in the annex.

DECISIONS IN PATENT AND TRADE-MARK CASES.

U. S. Circuit Court of Appeals—Third Circuit.

R. H. COMEY Co. v. MONTE CHRISTI CORPORATION ET AL.

Decided March 2, 1927.

[17 Fed. Rep. (2d) 910.]

1. PATENTABILITY—SPECIFICATION—SUFFICIENCY OF.

Where chemists skilled in the art could not practice invention of a patent from its disclosure, but were driven to experiments, courts will carefully appraise adequacy of disclosures and sustain or strike down patent accordingly, especially where it is claimed that the art is new.

2. SAME—SAME—SAME—ARTICLE.

Where a patent claims a preparation consisting of a compound containing certain chemicals by the combination of which the specification states that a given result is accomplished, *Held* that the patent is invalid if it does not teach how the preparation can be so compounded that it will do what the patent claims it will do.

APPEAL from the District Court of the United States for the District of New Jersey; Joseph L. Bodine, Judge.

Patent infringement suit by the R. H. Comey Company against the Monte Christi Corporation and others. Decree of dismissal, and plaintiff appeals. Affirmed.

Mr. George Ramsey, Mr. C. S. Grindle, Mr. O. F. Ohlholm, and Messrs. Wicoff & Lanning for the appellant.

Mr. William S. Gluck, Mr. J. T. Basseches, Mr. I. M. Obrieght, and Mr. Clair W. Fairbank for the appellees.

Before BUFFINGTON, WOOLLEY, and DAVIS, Circuit Judges.

WOOLLEY, Cir. J.:

In this suit for infringement, the trial court found the first and second claims of Letters Patent No. 1,000,298, issued August 8, 1911, to Leopold Sarason, and now owned by the plaintiff, invalid, and accordingly dismissed the bill. The plaintiff took this appeal. We shall confine our discussion to the issue of validity.

The patent is not for a process; it is for an article in the form of a "preparation for slowly liberating oxygen." The patent is so inartificially drawn that it has opened many avenues of discussion which the respective counsel have fully explored. Thus, while its title describes the invention as a preparation for slowly liberating oxygen, the specification says it is a preparation for safely keeping compounds which contain loosely combined oxygen. The opposing parties have traveled these opposite paths without definitely clearing them. We think, as the two objects are not incompatible, the inventor intended both, or, stated differently, the patent contemplates stabilizing oxygen wherever loosely combined. However, what the patentee said is this:

As is well known, hydrogen peroxide, sodium peroxide, sodium perborate, sodium percarbonate, and analogous preparations, liberate their loosely combined oxygen very readily if they come in contact with catalytic agents. They thus decompose to some extent even during storage, since particles of dust and the walls of the storage vessels

also act as catalytic substances. Also in their employment in medicine and hygiene, and in technical bleaching processes, premature and undesirable liberation of oxygen occurs, owing to the continual presence of catalytic substances.

Going on, the patentee said:

I have ascertained, however, that by the addition of pyrophosphates of the alkalis (especially sodium pyrophosphate), the keeping quality of the above-mentioned substances, both in dry form and in solution, can be considerably increased, in such manner that they are altered in a much lower degree by catalytic agents than when without such additions. Pyrophosphates, furthermore, essentially increase the stability of said oxygen-containing substances against the influence of heat. By means of the present invention, therefore, a much better economic exploitation of the oxygen at disposal can be effected.

Having stated his knowledge of the art and the purpose of his invention, the patentee proceeded with his claims as follows:

Claim 1. A preparation for slowly liberating oxygen, consisting of a compound containing loosely combined oxygen, and an alkali pyrophosphate.

Claim 2 differs from claim 1 in that it specifies sodium pyrophosphate as a particular alkali pyrophosphate.

In addition to the knowledge of the art stated in the patent, it was known that hydrogen peroxide, H_2O_2 , which is nothing more than water, H_2O , oxygenated, contains the element of oxygen in loosely combined form, that is, one molecule of oxygen, under given catalytic influences, notably heat and light, is easily liberated, leaving nothing but plain water. Liberated oxygen is availed of for many purposes. It is used as a medicine; for instance, when hydrogen peroxide is poured on a wound, it rapidly decomposes on contact, oxygen escapes in bubbles, and its curative and disinfecting effect is obtained. Loosely combined oxygen is also used to destroy coloring matter during bleaching of materials for industrial purposes, as in this case the bleaching of straw. It was also known that liberation of oxygen can be hastened or retarded. Substances used for either purpose are called catalysts, and these in turn are divided, according to their habit, into two classes—positive catalysts, which are decomposing agents, and negative catalysts which are preserving agents. It was still further known that alkalis are positive catalysts, which speed or promote decomposition of hydrogen peroxide, thus advancing its already fickle keeping qualities, and that acids are negative catalysts, which retard decomposition and thereby improve its keeping qualities.

Whether Sarason's object was to control the slow liberation of oxygen in medicinal and industrial uses, or merely to enhance its keeping qualities in one or the other, he employed as a definite element (disclosed in the second claim) sodium pyrophosphate, whose chemical formula is $Na_2P_2O_6$. This, we think, was new. That ingredient was one of a number embraced in the broad designation of the first claim "an alkali pyrophosphate," and is therefore an alkali, or a positive catalyst, and its use for either purpose would, on first view, seem a chemical paradox. The defendants maintain that it uses a sodium pyrophosphate which is acid, a negative catalyst, having the formula of $Na_2H_2P_2O_6$, and

therefore avoids infringement. But for present purposes we shall accept the plaintiff's chemical explanation that the presence in the pyrophosphate of the sodium metal (an alkali) in both formulae makes both pyrophosphates alkali, and shall, for the purposes of this discussion, refuse to follow the persuasive distinction made by the defendants. We thus deliberately bring the defendants' practice within the literalism of the claims of the patent in suit and of the specification with reference to the use of an alkali pyrophosphate in connection with hydrogen peroxide—two substances of the patent and the only two testified as having been found in the defendants' bleaching bath—and inquire what the patentee intended to accomplish by them when used together, how he taught their use, and what he actually accomplished.

[2] Concededly, the intended object of the alleged invention is the stabilization of oxygen in compounds where it is loosely combined. To achieve that would, without doubt, be an advance in the chemical and especially in the medical and bleaching arts. As to how the thing can be done, the patentee was even more silent than Rohm (*Rohm v. Martin Dennis Co.* [C. C. A.] 263 F. 388), who, after satisfactorily pointing out a new bane for hides as the object of his invention, failed to disclose how his patented process could be practiced. He simply told of treatment of hides with an aqueous extract from the pancreas of animals; that is, he simply named a new fat decomposing ingredient, without giving proportions or other directions as to its composition. On licensing the invention, he gave the licensees personal instruction how to do it. That, we thought, he should have told the art, and, feeling that way, we held his patent invalid under Revised Statutes, section 4888 (Comp. Stat., sec. 9432), for want of that "full, clear, concise, and exact" disclosure which is the consideration for a patent monopoly. So in this case the patentee simply named an oxygen quieting substance. But the plaintiff says that the Rohm patent was for a process while his is for an article. That is true, but it is an article with identifying characteristics, namely, a—
preparation . . . consisting of a compound containing loosely combined oxygen (in this case hydrogen peroxide) and sodium pyrophosphate.

In other words, the patent sought to teach how fugitive oxygen in hydrogen peroxide can be controlled by a new use of an old chemical. The compound of these two claims certainly has these ingredients, but these compounded ingredients are not an invention entitling the one who thought of it to a patent, unless he show how the new preparation can be so compounded that it will do the thing the patent claims it will do, namely; slowly liberate oxygen or retard oxygen in its normal escape.

In a word, the patent describes the article, but it discloses no formula as to the proportions of its constituents and no way, technical or practical, of compounding them. True, the patent says,

A suitable preparation may be obtained by mixing, for instance, equal parts of sodium perborate ($\text{Na}_2\text{B}_4\text{O}_7 + 10\text{H}_2\text{O}$) and sodium pyrophosphate ($\text{Na}_2\text{P}_2\text{O}_7$);

but that is a solid compound falling under claim 4, not in suit. We are concerned with claims 1 and

2 in respect to the fluid bleaching agent of hydrogen peroxide. The patent gives no proportions of sodium pyrophosphate specifically or of "an alkali pyrophosphate" generally, and none is suggested whereby to obtain a product that will stabilize the more or less evanescent oxygen in hydrogen peroxide. What may be the proper proportions of the constituents of the article so to be employed as a bleaching ingredient, the patentee left the art to hunt, and, if possible, to find. It may be the defendants succeeded; that has not been proved. Similarly, it may be the plaintiff succeeded; that, too, has not been proved, for the plaintiff's officers refused to tell. Some others in the art may have found them, but the evidence does not show it. So it was left to the experts for the respective parties to discover the proper proportions by experiments. Dr. McKee, the expert for the defendants, took hydrogen peroxide and sodium pyrophosphate, and, mixing them in varying proportions, obtained the startling result that the oxygen solution was not thereby made stable and the liberation of oxygen retarded, but that, in fact, the liberation of oxygen was accelerated, the sodium pyrophosphate (an alkali) acting as a positive catalyst, not as a negative catalyst. But the plaintiff says (and it says it in this court for the first time) that Dr. McKee experimented in a wrong way to test the invention, because the solution should have contained a positive catalyst in addition to the oxygen compound and in addition to the sodium pyrophosphate. Three were present, we think, some catalysts which the patent contemplates as continually present, namely, heat in some measure, dust in some quantity, and chamber walls, all mentioned by the patent. But hydrogen peroxide is an alkali and is itself a catalyst, and we think the results of Dr. McKee's experiments and the way he made them show that one skilled in the art, such as he, could not, by following the patent, obtain the results promised.

[1] Dr. Beans, the plaintiff's expert, went about his experiments in his own way. He made a solution of hydrogen peroxide and sodium pyrophosphate in proportions of his own selection—three per cent hydrogen peroxide and three per cent sodium pyrophosphate—and made it highly alkali by adding caustic soda, a powerful catalytic alkali of which the patent says nothing. Thus impregnated with caustic soda, the preparation did, he testified, have the effect of retarding the liberation of loosely-combined oxygen; yet this is challenged with some force by the defendants. Dr. Beans' experiments with caustic soda carries the implication that without caustic soda the patented preparation would not produce the results claimed for it. Be that as it may, the action of these two chemists, both of unquestioned integrity, of high standing in their science, and highly skilled in the art, shows that the patent did not tell them how to produce the product or its results. The expert for the defendants followed literally the terms of the patent (so far as given) and thereby obtained a result wholly opposite that which it proclaims;

the expert for the plaintiff, not following the terms of the patent, but adding caustic soda, obtained the result which it declares. But whether caustic soda was the controlling agent we cannot say, for the patentee gave no indication that it should be an element of his preparation or that his preparation should be used in a solution containing that element. As we read the testimony of the two experts—and on their testimony this case must turn—we are not so much concerned as to which was right in his chemical tests as we are influenced by what to us is the demonstrated fact that both of these gentlemen had to experiment in practicing the supposed teaching of the patent. In other words, highly-skilled chemists—that is, chemists whose skill in the art is no part of the invention and therefore does not have to be supplied or aided by the patent (*Pittsburgh Iron & Steel Foundries' Co. v. Seaman-Sleeih Co.* [C. C. A.] 248 F. 705, 706)—could not practice the invention of the patent from its disclosures. They were driven to experiments. When this is necessary, especially where, as here, it is claimed the art is new, courts will carefully appraise the adequacy of the disclosures and sustain or strike down the patent accordingly. *Tyler v. Boston*, 7 Wall. 327, 330, 19 L. Ed. 93; *Consolidated Electric Light Co. v. McKeesport Light Co.*, 159 U. S. 465, 16 S. Ct. 75, 40 L. Ed. 221; *Solva Co. v. Perkins Co.*, 251 F. 64, 69 (C. C. A. 7th); *Rohm v. Martin-Dennis Co.*, 263 F. 388 (C. C. A. 3d). We are alert to the fact that the claimed invention is for an article, but the inventor has in his patent defined its identifying characteristics, chief of which is a definite result from the coaction of its ingredients. Searching for them with the aid of skilled experts, we have not been able to find them. It is evident, therefore, the patentee has not paid the price for a patent monopoly by conforming to Revised Statutes, section 4888, and making an adequate disclosure. *Wood v. Underhill*, 5 How. 1, 5, 12 L. Ed. 23.

The decree dismissing the bill because of invalidity of the claims of the patent in suit is affirmed.

Patent Suits.

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922.]

802,004, D. B. Luten, Centering for and method of constructing arches; 1,106,880, same, Falsework, appeal filed Aug. 12, 1927, C. C. A. 8th Cir. (St. Louis), Doc. 7931, *D. B. Luten v. Kansas City Bridge Co.*

923,799, C. W. Saalburg, Process of making pictures; 935,612, same, Picture, filed July 15, 1927, D. C. Conn. (New Haven), Doc. 1910, *Van Dyck Gracure Co. v. American Republican, Inc.*

935,612. (See 923,799.)

1,018,502, Just & Hanaman, Manufacture of incandescent electric lamps; 1,180,159, I. Langmuir, Incandescent electric lamp, filed May 20, 1927, D. C., S. D. N. Y., Doc. E 41/864, *General Electric Co. v. J. M. Marks (Empire Electrical Products Co.)*. Decree sustaining patents and granting injunction (notice dated Aug. 16, 1927).

1,038,504, O. P. Smith, Lure conveyer; 1,379,224, 1,410,842, same, Dog-racing amusement; 1,507,439; 1,630,811, same, Starting cage for racing dogs; 1,507,440, same, Housing for conveyer cars and tracks; 1,591,560,

same, Electric car; 1,630,812, same, Traction car and the like, filed Aug. 19, 1927, D. C., S. D. Ohio (W. Div.), Doc. E 485, *H. M. Smith v. Springdale Amusement Park, Ltd., et al.*

1,050,441, R. A. Fessenden, Electric signalling apparatus; 1,050,728, same, Method of signaling; 1,113,149, E. H. Armstrong, Wireless receiving system; 1,239,852, F. K. Vreeland, Receivers of electrical impulses; 1,245,166, same, Method of transmitting and receiving high-frequency signal impulses, D. C., S. D. N. Y., Doc. E 41/270, *Westinghouse Electric & Mfg. Co. et al. v. Neston Radio Co., Inc.* Decree sustaining patents, and granting injunction, Aug. 16, 1927.

1,050,728. (See 1,050,441.)

1,060,588, B. J. Steiner, Method of producing imitation plect skins, D. C. Conn. (New Haven), Doc. 1819, *Self's Textile Mfg. Co. v. S. Blumenthal & Co., Inc.* Patent held but not infringed, Aug. 13, 1927.

1,106,880. (See 802,004.)

1,113,149. (See 1,050,441.)

1,180,159. (See 1,018,502.)

1,239,580, F. T. Farmer, Wheel; 1,545,829, P. T. Herschel, Jr., same, filed Mar. 11, 1927 D. C. Ind. (Indianapolis), Doc. 1030, *E. Herschel Mfg. Co. v. Great States Corp.* Bill dismissed by plaintiff July 14, 1927, counterclaim dismissed July 29, 1927.

1,239,852. (See 1,050,441.)

1,245,166. (See 1,050,441.)

1,276,716, J. M. Browning, Firearm, filed May 24, 1927, D. C. Conn. (New Haven), Doc. 1902, *Colt's Patent Fire Arms Mfg. Co. v. Hartford Arms & Equipment Co.*

1,292,081 (a), J. Sachs, Electric switch; 1,301,175, same, Electric service and meter testing system; 1,465,688, same, Incased circuit connecting and controlling device, filed July 18, 1927, D. C. Conn. (New Haven), Doc. 1911, *J. Sachs et al. v. The Hartford Electric Supply Co.*

1,292,081 (b), 1,294,176, J. Sachs, Electric switch, filed July 18, 1927, D. C. Conn. (New Haven), Doc. 1912, *J. Sachs et al. v. The Service Electrical Supply Co., Inc.* Doc. 1913, *J. Sachs et al. v. Union Light Co.*

1,294,176. (See 1,292,081 (b).)

1,301,175. (See 1,292,081 (a).)

1,307,733, A. V. Gullborg, Lubricating apparatus; 1,307,734, same, Lubricating means, filed Aug. 17, 1927, D. C., N. D. Ohio (E. Div.), Doc. 2374, *The Bassick Mfg. Co. v. MacBerkson*. Same, filed Aug. 20, 1927, D. C., N. D. Ohio (E. Div.), Doc. 2376, *The Bassick Mfg. Co. v. M. Johnson*. Doc. 2377, *The Bassick Mfg. Co. v. The Wallach Bros. Co.*

1,307,734. (See 1,307,733.)

1,313,974, E. D. Anderson, Machine for packing articles, filed Aug. 19, 1927, D. C., S. D. N. Y., Doc. E 42/375, *E. D. Anderson, Inc. v. Smith Bros., Inc.*

1,368,780, E. D. Anderson, Machine for making and labeling packages, filed Aug. 19, 1927, D. C., S. D. N. Y., Doc. E 42/874, *E. D. Anderson, Inc. v. American Mint Corp.*

1,379,224. (See 1,038,504.)

1,391,750, R. C. Montgomery, Straw hat, filed July 7, 1927, D. C. Conn. (New Haven), Doc. 1908, *Knos Hat Co., Inc. v. J. J. Desmond Co., Inc.*

1,410,842. (See 1,038,504.)

1,411,391, 1,424,530, J. D. Tucker, Spike tightener, filed Aug. 12, 1927, D. C., N. D. Tex. (Ft. Worth), Doc. E 522, *Tucker Bros. Mfg. Co. v. A. Newman (Adolph's Repair Shop)*.

1,424,530. (See 1,411,391.)

1,429,175. (See 1,465,598.)

1,454,848, H. E. Brown, Under reamer, filed July 28, 1927, D. C., S. D. Calif. (Los Angeles), Doc. E M-59-M, *A. J. Campbell et al. (Grant Oil Tool Co.) v. H. C. Smith (H. C. Smith Mfg. Co.)*.

1,465,598, J. H. C. de Brey, Process for the treating of hydrocarbons; 1,429,175, H. E. Thompson, Process of

treating natural gas and product thereof; 1,523,314, same, Natural-gas gasoline, filed Dec. 23, 1925, D. C., S. D. Tex., Doc. E 271, *Carbide & Carbon Chemicals Corp. v. The Texas Co.* Claims held invalid, bill dismissed Aug. 9, 1927.

1,465,688. (See 1,292,081(a).)

1,507,439. (See 1,038,504.)

1,507,440. (See 1,038,504.)

1,512,888, L. Haft, Lighting sets, filed June 9, 1927, D. C. Conn. (New Haven), Doc. 1906, *Noma Electric Corp. v. M. Goldman*.

1,521,259, F. Stolzenberg, Imitation fur and the method of producing same; 1,548,819, S. Blumenthal, Textile fabrics simulating animal fur and method of producing same; Des. 66,119, Des. 67,279, J. Gowans, Pile fabric; Des. 68,138, same, Textile fabric, filed Sept. 3, 1925, D. C. Conn. (New Haven), Doc. 1817, *S. Blumenthal & Co., Inc. v. Salf's Textile Mfg. Co.* Claim 1 of 1,521,259 infringed, claim 2 not infringed, claims 1 and 3 of 1,548,819 invalid; design patents not infringed Aug. 13, 1927.

1,522,344, 1,554,928, A. B. Thompson, Automatic windshield cleaner; 1,562,122, J. R. Olshel, Fluid-pressure motor; 1,567,328, same, Motor for windshield cleaners; 1,565,493, Olshel & Horton, Fluid-pressure motor, filed Aug. 16, 1927, D. C., E. D. Mich. (Detroit), Doc. 2138, *Trico Products Corp. v. W. J. Kilpatrick Engineering Co.*

1,523,314. (See 1,465,598.)

1,545,207, 1,617,179, 1,617,180, C. G. Smith, Electrical apparatus; 1,617,171, same, Method and apparatus for the rectification of alternating currents; 1,617,174, same, Electrical apparatus and method; 1,617,177, 1,617,172, same, Production of electrical variations; 1,617,178, 1,617,181, V. Bush, Electrical apparatus, filed Aug. 11, 1927, D. C. Conn. (New Haven), Doc. 1919, *Raytheon Mfg. Co. v. Southern New England Electric Co.*

1,545,829. (See 1,239,580.)

1,548,819. (See 1,521,259.)

1,553,571, Des. 64,869, Des. 64,870, Des. 64,871, Des. 64,872, Des. 64,873, Des. 64,941, Des. 65,309, Des. 65,622, Des. 65,624, L. Strasser, Watchcase, filed Aug. 19, 1927, D. C., S. D. N. Y., Doc. E 42/376, *Nov-E-Line Mfg. Co., Inc. v. The Dial Watch Case Co., Inc.*

1,554,928. (See 1,522,344.)

1,562,122. (See 1,522,344.)

1,565,493. (See 1,522,344.)

1,567,328. (See 1,522,344.)

1,591,569. (See 1,038,504.)

1,617,171. (See 1,545,207.)

1,617,172. (See 1,545,207.)

1,617,174. (See 1,545,207.)

1,617,177. (See 1,545,207.)

1,617,178. (See 1,545,207.)

1,617,179. (See 1,545,207.)

1,617,180. (See 1,545,207.)

1,617,181. (See 1,545,207.)

1,630,811. (See 1,038,504.)

1,630,812. (See 1,038,504.)

T. M. 95,225, C. N. Miller, Candy, filed July 19, 1927, D. C. Conn. (New Haven), Doc. 1914, *C. N. Miller Co. v. The Roberts-Frank Co., Inc.*

Des. 64,869. (See 1,553,571.)

Des. 64,870. (See 1,553,571.)

Des. 64,871. (See 1,553,571.)

Des. 64,872. (See 1,553,571.)

Des. 64,873. (See 1,553,571.)

Des. 64,941. (See 1,553,571.)

Des. 65,309. (See 1,553,571.)

Des. 65,622. (See 1,553,571.)

Des. 65,624. (See 1,553,571.)

Des. 66,119. (See 1,521,259.)

Des. 67,279. (See 1,521,259.)

Des. 68,138. (See 1,521,259.)

Adjudicated Patents.

(C. C. A. Mass.) Colman patent, No. 977,166, for thread-selecting device in warp-drawing machine, *Held* not infringed. *Barber-Colman Co. v. Withnell*, 20 F. (2d) 373.

(C. C. A. N. J.) Pauling patent, No. 1,031,864, for method of concentrating nitric acid, *Held* valid and infringed. *Southern Electro-Chemical Co. v. E. I. DuPont de Nemours & Co.*, 20 F. (2d) 97.

(D. C. Mass.) Nash patent, No. 1,091,529, for hydro-turbine air pump, claims 6 and 13 *Held* valid and claim 13 infringed. *Nash Engineering Co. v. Trane Co.*, 20 F. (2d) 439.

(C. C. A. Mass.) Colman patent, No. 1,115,399, for warp-drawing machine, *Held* not infringed. *Barber-Colman Co. v. Withnell*, 20 F. (2d) 373.

(D. C. Ill.) King patent, No. 1,158,058, for oil burner, claims 1, 2, 5, and 10 *Held* valid and infringed. *Marr Oil Heat Mach. Corporation v. Hardinge Bros.*, 20 F. (2d) 241.

(D. C. and C. C. A. N. Y.) Mueller patent, No. 1,192,336, for machine for folding noodles, claims 1 to 6, 8 to 14, and 35 to 39 *Held* valid but not infringed. *O. F. Mueller Co. v. Clermont Mach. Co.*, 20 F. (2d) 413 and 416.

(D. C. and C. C. A. N. Y.) Mueller patent, No. 1,217,891, for method of folding noodles, *Held* valid but not infringed. *O. F. Mueller Co. v. Clermont Mach. Co.*, 20 F. (2d) 431 and 416.

(C. C. A. N. Y.) White patent, No. 1,220,038, for child's tricycle, claim 2 *Held* valid and infringed. *H. O. White Co. v. Morton E. Converse & Son Co.*, 20 F. (2d) 311.

(C. C. A. N. J.) Hopkins patent, No. 1,271,527, for sound-regulating machine, *Held* invalid. *Lektophone Corporation v. Brandes Products Corporation*, 20 F. (2d) 155.

(D. C. N. Y.) Hopkins patent, No. 1,271,527, for sound-regenerating machine, claims 29, 30 *Held* invalid. *Lektophone Corporation v. Western Electric Co.*, 20 F. (2d) 150.

(C. C. A. N. J.) Hopkins patent, No. 1,271,529, for acoustic device, *Held* valid and infringed. *Lektophone Corporation v. Brandes Products Corporation*, 20 F. (2d) 155.

(D. C. N. Y.) Hopkins patent, No. 1,271,529, for acoustic device, claims 1, 2, 3, 4, 8 *Held* valid but not infringed. *Lektophone Corporation v. Western Electric Co.*, 20 F. (2d) 150.

(C. C. A. Minn.) Deubener patent, No. 1,305,198, for collapsible paper bag, *Held* not infringed. *Deubener v. R. Brownson & Co.*, 20 F. (2d) 324.

(C. C. A. N. J.) Mitchell et al. patent, No. 1,423,956, for tipless incandescent lamp, *Held* not infringed. *General Electric Co. v. Eisler*, 20 F. (2d) 33.

(C. C. A. N. J.) Mitchell et al. patent, No. 1,423,957, for stem-making machine, *Held* invalid. *General Electric Co. v. Eisler*, 20 F. (2d) 33.

(C. C. A. Mass.) Colman patent, No. 1,442,776, for warp-tying machine, *Held* invalid. *Barber-Colman Co. v. Withnell*, 20 F. (2d) 373.

(D. C. and C. C. A. N. Y.) Morrell patent, No. 1,572,157, for yarn winding, *Held* valid and infringed. *Malina v. Grissman*, 20 F. (2d) 406 and 409.

(D. C. Mass.) Weston reissue patent, No. 13,730, for method of making hinge in paper, claim 2 *Held* valid but not infringed. *Bryon Weston Co. v. L. L. Brown Paper Co.*, 20 F. (2d) 183.

(D. C. Mass.) Jennings reissue patent, No. 15,637, for pumping apparatus and steam-heating system, claims 2 and 11 *Held* valid and infringed, claim 8 *Held* not infringed. *Nash Engineering Co. v. Trane Co.*, 20 F. (2d) 439.

(C. C. A. N. Y.) White patent, Design No. 48,957, for child's tricycle, *Held* invalid. *H. O. White Co. v. Morton E. Converse & Son Co.*, 20 F. (2d) 311.

TRADE-MARKS

OFFICIAL GAZETTE, OCTOBER 4, 1927.

[VOL. 363. No. 1.]

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication.

Marks applied for "under the ten-year proviso" are registrable under the provision in clause (b) of section 5 of said act as amended February 18, 1911.

As provided by section 14 of said act, a fee of ten dollars must accompany each notice of opposition.

CLASS 1.

RAW OR PARTLY-PREPARED MATERIALS.

Ser. No. 241,285. HYPER-HUMUS COMPANY, Newton, N. J. Filed Dec. 10, 1926.

RHODO-GRO

Particular description of goods.—Plant Soil.
Claims use since Apr. 3, 1926.

Ser. No. 246,159. HEKO-WERK CHEMISCHE FABRIK A.-G., Berlin-Grünwald, Germany. Filed Mar. 22, 1927.

Hekolith

Particular description of goods.—Plastic Materials Which May be Treated and Formed When Heated and Used for Manufacturing of Prothesis All Kinds and of Hygienic Syringes and Instruments.
Claims use since Feb. 18, 1925.

Ser. No. 250,534. KULLMAN, SALZ & CO., San Francisco, Calif. Filed June 15, 1927.



No claim is made to the exclusive right to the use of the words "Santa Cruz Tannery" and "Santa Cruz, Cal.," except as associated with the other features of the mark.
Particular description of goods.—Hides and Leather.
Claims use since about May 19, 1927.

Ser. No. 252,385. F. HECHT & CO., INC., New York, N. Y. Filed July 21, 1927.



Particular description of goods.—Leather Known as Lizard, Water Snake, Python, Boa, Kalamangsa, and Alligator.
Claims use since May, 1926.

Ser. No. 253,184. GENERAL COAL COMPANY, Cincinnati, Ohio. Filed Aug. 8, 1927.

GENCO

Particular description of goods.—Coal.
Claims use since about June 15, 1927.

CLASS 4.

ABRASIVE, DETERGENT, AND POLISHING MATERIALS.

Ser. No. 251,073. KREINER & BRANDT MANNA-WERK AKTIENGESELLSCHAFT, Berlin-Neukölln, Germany. Filed July 8, 1927.

Manna

Particular description of goods.—Impregnating Agents for Japanned Leather, Polishing and Preservative Preparations Used for Impregnating and Polishing Boots and Shoes.
Claims use since Feb. 2, 1926.

Ser. No. 252,150. L. A. FRYE & SON, Brush Creek, Tenn.
Filed July 16, 1927.

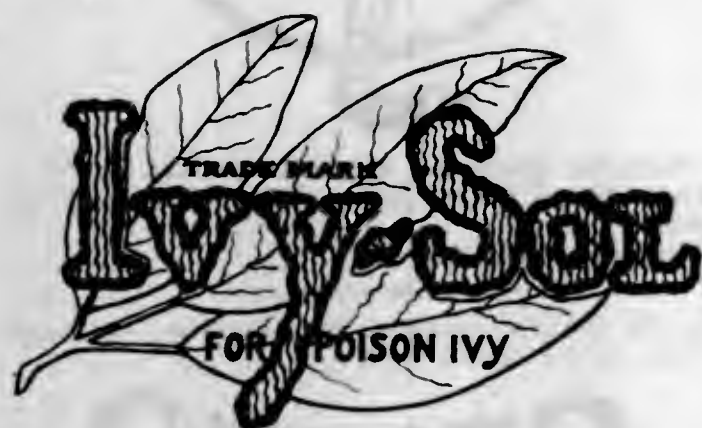


Particular description of goods.—Soap and Soap Powders.
Claims use since Apr. 1, 1927.

CLASS C.

CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.

Ser. No. 223,002. JOHN S. TRINSEY, doing business as Crescent Pharmaceutical Co., Glenside, Pa. Filed Nov. 7, 1925.



The words "Trade-Mark," "Ivy," and "For Poison Ivy" are disclaimed apart from the mark as shown.
Particular description of goods.—Medical Lotion for Skin Poisoning—Namely, Poisoning from Poison Ivy.
Claims use since July 3, 1924.

Ser. No. 232,301. ANNA WACHTEL, GER. SYBERZ, doing business as Anna Nebelsiek, Brunswick, Germany. Filed May 26, 1926.

Slastory

Particular description of goods.—Massaging Cream for the Body to Maintain the Shape Thereof, Perfume, Hair Dye, Bath Salts, Oxygen Face and Scalp Powder, Oxygen Toilet Essence for the Treatment of the Face, Massage Cream, Oxygen Face Cream, Bleaching Cream for the

Face, Cream for Perspiration, Scalp Water, Shampoo Powder for Scalp Treatment, Eyebrow Dye or Coloring, Eyebrow Tincture, Depilation Cream, Skin Powder, Antiseptic Powder, Face Powder, Hair-Curling Essence, Dental Cream, Refreshing Cream for Cooling the Skin
Claims use since Mar. 31, 1926.

Ser. No. 232,302. ANNA WACHTEL, GER. SYBERZ, doing business as Anna Nebelsiek, Brunswick, Germany. Filed May 26, 1926.



Particular description of goods.—Massaging Cream for Body to Maintain the Shape Thereof, Perfume, Hair Dye, Bath Salts, Oxygen Face and Scalp Powder, Oxygen Toilet Essence for the Treatment of the Face, Massage Cream, Oxygen Face Cream, Bleaching Cream for the Face, Cream for Perspiration, Scalp Water, Shampoo Powder for Scalp Treatment, Eyebrow Dye or Coloring, Eyebrow Tincture, Depilation Cream, Skin Powder, Antiseptic Powder, Face Powder, Hair-Curling Essence, Dental Cream, Refreshing Cream for Cooling the Skin.
Claims use since Mar. 31, 1926.

Ser. No. 233,388. FRED W. PORTER, doing business as Tampa Veterinary Laboratory, Tampa, Fla. Filed June 17, 1926.



Applicant disclaims the words "Stamps out disease" apart from the mark shown.

Particular description of goods.—Insecticide, Disinfectant, Germicide, Bactericide, and Deodorant, Tick Eradicator, Saponified Pine Tar, and a Preparation Acting as a Tonic System Builder, and Reconstructor for Domestic Animals.
Claims use since 1912.

Ser. No. 235,416. PACIFIC COAST BISCUIT COMPANY, Seattle, Wash. Filed July 31, 1926.



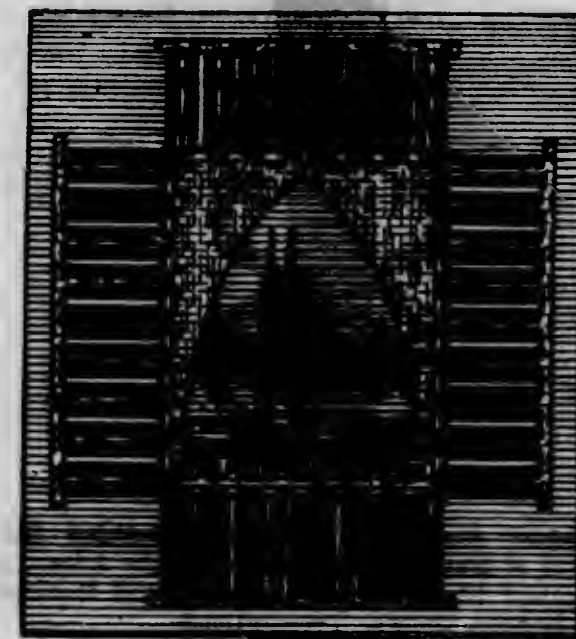
Particular description of goods.—Cough Drops.
Claims use since Oct. 25, 1901.

Ser. No. 236,260. ALVIN J. EMIO, doing business as Emig-Karn Laboratories, Detroit, Mich. Filed Aug. 21, 1926.



No claim is made to the exclusive use of the words "White Yeast Pack," and "It gives the bloom of Youth," apart from the mark shown in the drawing.
Particular description of goods.—Face Packs.
Claims use since July 1, 1926.

Ser. No. 242,108. PAUL PETER MÜLHENS, doing business as Die Eau de Cologne- & Parfümerie-Fabrik "Glockengasse No. 4711" gegenüber der Pferdepost von Ferd. Mühlens, Cologne-on-the-Rhine, Germany. Filed Dec. 29, 1926.



The words "Cologne o/Rh." are disclaimed apart from the mark shown.

Particular description of goods.—Eau-De-Cologne Water, Perfumery, Hair Tonics, Shampoo, Pomade, Brillantine, Cold Cream, Vanishing Cream, Rouge, Face Powder, Baby Powder, Shaving Lotion, Tooth Paste, Mouth Wash, Head Tonics, and Ethereal Oils for Perfumes.
Claims use since March, 1926.

Ser. No. 242,798. RAQUEL, INCORPORATED, New York, N. Y. Filed Jan. 13, 1927.

Le Menuet

Particular description of goods.—Perfumes, Toilet Water, Cosmetic Creams, Bath Salts, Sachets, Hair Tonic, Mentholene Balm, Depilatory, Shampoo, Scalp Salve, Face and Lip Ranges, Liquid and Paste Form.
Claims use since Oct. 11, 1926.

Ser. No. 244,626. EDMUND FRIDOLIN PABST, doing business as Pabst Chemical Co., Chicago, Ill. Filed Feb. 19, 1927.

HIXOSAN

Particular description of goods.—Genito-Urinary Antiseptic and Diuretic.
Claims use since October, 1924.

Ser. No. 244,852. CHEMISCHE-PHARMAZEUTISCHE A. G. BAD HOMBURG, Bad Homburg, Germany. Filed Feb. 25, 1927.



Particular description of goods.—Medicine for the Treatment of Wounds, Preparations for the Alleviation of Pain Against Illnesses of Assimilation and Feverish Illnesses—Namely, Quinine Preparations.

Claims use since Dec. 13, 1920.

Ser. No. 246,167. DR. ERNST LAVES, Hanover, Germany. Filed Mar. 22, 1927.

Tricalcol

Particular description of goods.—Remedy for Deficiency of Calcium in the Human System.

Claims use since 1912.

Ser. No. 248,583. IRVING McEWEN, Omaha, Nebr. Filed May 6, 1927.



Particular description of goods.—Hand and Face Lotion, Face Cream, Massage Cream, Deodorant Toilet Powder, Talcum Powder, After-Shaving Lotion, Lilac Vegetal, Lilac Lotion, Bath Salt, Brilliantine, Hair Tonic, Hair Dressing, Shampoo, Hair Pomade, Hair Oil, Scalp Treatment Preparation, Foot Powder, Foot Balm, Tooth Paste, Face Powder, Bay Rum, Cologne, Toilet Water, and Perfume.

Claims use since Mar. 1, 1927.

Ser. No. 249,410. ISADORE EHRLICH, Brooklyn, N. Y. Filed May 23, 1927.



Particular description of goods.—Preparation to Assist in Keeping the Stomach, Liver, and Bowels in a Healthy Condition.

Claims use since July 1, 1925.

Ser. No. 249,462. BROTHERS CORPORATION, New York, N. Y. Filed May 24, 1927.

DIAMIDOL

Particular description of goods.—Prepared Medicine for Use as an Analgesic and Sedative for Headache and Relieving Pain.

Claims use since Feb. 9, 1927.

Ser. No. 250,138. CHAS. A. RAHAYEL, doing business as Rahayel Freres, Brooklyn, N. Y. Filed June 7, 1927.



The words "Trade-Mark" are disclaimed apart from the mark shown.

Particular description of goods.—Perfumes, Toilet Waters, Cosmetics—Namely, Cold Cream, Vanishing Cream, Lemon Cream, Rosavera Vanishing Cream, Massage Cream, Face Powder, Bath Powder, and Dusting Powder; and Toilet Articles—Namely, Lilac Vegetal, Bay Rum, Hair Tonic, Florida Water, Lavende Carmel Toilet Water, and Johan Maria Farina Cologne.

Claims use since July 14, 1901.

Ser. No. 250,784. THE BLOSSER CO., Atlanta, Ga. Filed June 20, 1927.



The words "El Remedio Del" are disclaimed apart from the mark as shown.

Particular description of goods.—Medicinal Smoking Preparations Free from Tobacco.

Claims use since Dec. 11, 1906.

Ser. No. 250,817. W. A. PURINGTON, Dover-Foxcroft, Me. Filed June 20, 1927.

EUREKIAMA

Particular description of goods.—Medicinal Preparations for Whooping Cough, Abscess Beginning, Acne, Angina Pectoris, Aphonia, Appendicitis, Nasal Catarrh, Coryza, Acute Laryngitis, Chronic Laryngitis, Pain of Internal Cancer, Spasmodic Croup, Cystitis, Diarrhea, Acute Dysentery, Dysmenorrhea, Endocarditis, Pericarditis, Endometritis, Enteritis, Gastralgia, Gastric Ulcer, Gout, Hay Fever, Headache, Hemorrhoids, Impetigo Contagiosa, Leucorrhea, Metritis, Neuralgia, Orchitis, Pertussis, Peritonitis, Phlebitis, Phthisis Pulmonalis, All Forms of Rheumatism, Scarletina, General Septicemia, Sciatica; Vermicide and Vermifuge for Intestinal and Animal Parasites; Anthelmintic for Animals and Human Family; Special Vermicide Against Lung Worms in Foxes; Dressings for Burns; Surgical Dressings for Use for Covering Incised Areas to Prevent Infection, Adenitis, Postscarlatinal Adenitis, Postdiphtheritic Adenitis, Adenitis Following Measles, Spasmodic Asthma, Asthmatic Bronchitis, Bronchitis, Bunions, Burns, Barber's Itch, Coughs of All Kinds, Chilblains, Delayed Measles, Epididymitis and Orchitis, Erysipelas, Eczema, Eczema Rubrum, Influenza, La Grippe, Lumbago, Lame Back, Mumps, Measles, Simple Neuritis, Rheumatic Neuritis, Ovaritis, Parotiditis, Psoriasis, Pleurisy, Broncho-Pneumonia, Lobar Pneumonia, Pleuropneumonia, Pleuritic Effusions, Muscular Rheumatism, Rheumatism, Articular or Joint Rheumatism, Rheumatic Fever, Gonorrheal Rheumatism, Sore Throat, Tonsillitis.

Claims use since May 29, 1924.

Ser. No. 250,862. ROSE-LO-LE INC., New York, N. Y. Filed June 21, 1927.

Rose-lo-le

Particular description of goods.—Perfumes and Cosmetics—Namely, Cleansing Powder, Cleansing Cream, Cleansing Oil, Massage Cream, Beauty Wash, Ointment Used Over Massage Cream, Lip and Cheek Rouge, Face Powder, and Hand Lotion.

Claims use since Mar. 19, 1927.

Ser. No. 251,243. REED & CARNEICK, Jersey City, N. J. Filed June 28, 1927.

Nephritin

Particular description of goods.—Preparation for Diseases of the Kidneys, Comprising the Primary Substance from the Cells of the Cortex and the Convulated Tubules of the Kidneys.

Claims use since July 26, 1911.

Ser. No. 251,364. JOHN K. STOVER, doing business as Stover Laboratories, Trenton, N. J. Filed June 30, 1927.

SEDOMIDES

The drawing is lined to designate shading.

Particular description of goods.—Nerve Sedative Elixir. *Claims use since Mar. 28, 1924.*

Ser. No. 251,567. F. H. MARKEY COMPANY, INC., St. Joseph, Mo. Filed July 6, 1927.



The representation of the capsule is disclaimed apart from the mark as shown in the drawing. The mark consists in coloring arbitrarily one half of the capsule containing the medicine red. The drawing is lined to indicate the color red.

Particular description of goods.—Medicine in Capsule Form for the Relief from Colds, La Grippe, and Flu. *Claims use since Nov. 2, 1925.*

Ser. No. 251,591. F. M. TROTTER, doing business as Trotter's Laboratory, Brinkley, Ark. Filed July 6, 1927.



No claim is made herein to the exclusive right to use the words "Fit Remedy" apart from the mark as shown in the drawing.

Particular description of goods.—Fit Remedy for Dogs. *Claims use since May 1, 1927.*

Ser. No. 251,629. RECKITT & SONS, LIMITED, Hull, England. Filed July 7, 1927.



No claim is made to the word "Blue" apart from the mark as shown on the drawing.

Particular description of goods.—Laundry Blue. *Claims use since Nov. 27, 1877.*

Ser. No. 251,662. NELSON J. FLOCKER, doing business as Mercy Products Company, Pittsburgh, Pa. Filed July 8, 1927.

MERCY

Particular description of goods.—Medicinal Preparations for the Treatment of Mange and Distemper in Dogs.
Claims use since Mar. 6, 1892.

Ser. No. 251,883. WYETH CHEMICAL COMPANY, Jersey City, N. J. Filed July 11, 1927. Under 10-year proviso.

St Jacobs Oil

Particular description of goods.—St. Jacobs Oil.
Claims use since 1878.

Ser. No. 251,892. THE DENT MEDICINE COMPANY, Newburgh and New York, N. Y.; Chicago, Ill.; and Toronto, Canada. Filed July 12, 1927.



Particular description of goods.—Preparations and Medicines for the Treatment of Distemper, Worms, Disordered Stomach, Mange, Cankered Ears, Debility, Tape-worm, Impure Blood, Constipation, Diarrhea, Sore Eyes, Fits, Chorea, Gout, and Black Tongue in Dogs; Shampoo, Condition Pills, Germicide, and Toilet Powder for Dogs.

Claims use since May 1, 1895.

Ser. No. 252,145. BROTHERS CORPORATION, New York, N. Y. Filed July 16, 1927.

COLAFEN

Particular description of goods.—Prepared Medicine—Namely, a Cholagogue for Use in Stimulating the Hepatic Functions.

Claims use since May 17, 1927.

Ser. No. 252,238. ACME WHITE LEAD & COLOR WORKS, Hamtramck, Mich. Filed July 18, 1927.

ZINC-A-NITE

Particular description of goods.—Insecticides.
Claims use since about June 1, 1927.

Ser. No. 252,239. ACME WHITE LEAD & COLOR WORKS, Hamtramck, Mich. Filed July 18, 1927.

LEAD-A-NATE

Particular description of goods.—Insecticides.
Claims use since about June 1, 1927.

Ser. No. 252,299. SAMUEL WOLFF, doing business as Lip-Joy Manufacturing Co., Denver, Colo. Filed July 19, 1927.



The portrait appearing on the drawing is fanciful.
Particular description of goods.—Preparation for Sore, Chapped, Rough, or Cracked Lips.
Claims use since Feb. 22, 1927.

Ser. No. 252,308. FRANK H. MORRILL, doing business as Dayton-Kil-Ol Company, Dayton, Ohio. Filed July 20, 1927.

KIL-OL

Particular description of goods.—Insecticide.
Claims use since February, 1926.

Ser. No. 252,363. BACHMEIER & COMPANY, INC., New York, N. Y. Filed July 21, 1927.

PENET

Particular description of goods.—Preparation to be Used as an Aid to Penetration When Dyeing Any Textile Materials or Fabrics, and for Use as an Assistant in Dye Baths.

Claims use since Oct. 1, 1926.

Ser. No. 252,496. WILLIAM M. BAIR, Des Moines, Iowa. Filed July 25, 1927. Under 10-year proviso.

ELECTRO MEDICATED BATHS

Particular description of goods.—Healing and Antiseptic Medicinal Preparations in Powder or Tablet Form.
Claims use since 1885.

Ser. No. 252,669. THE WILCO COMPANY, Philadelphia, Pa. Filed July 28, 1927.



Particular description of goods.—Hair Tonic.
Claims use since July 12, 1927.

Ser. No. 252,680. CADOLLE FRÈRES (SOCIÉTÉ À RESPONSABILITÉ LIMITÉE), Paris, France. Filed July 29, 1927.

LE N° 9

Particular description of goods.—Perfumes, Toilet Water, Face Powder, Talcum Powder, Face Creams, Rouge, Lip Sticks, Brilliantine, Lotion for the Skin and Hair, Bath Salts, and Dentifrices.
Claims use since Feb. 18, 1927.

Ser. No. 252,839. HELM CHEMICAL COMPANY, Benton Harbor, Mich. Filed Aug. 1, 1927.

RA-ED-O

Particular description of goods.—Preparation for the Relief of Piles.
Claims use since July 10, 1926.

Ser. No. 253,166. SOCIÉTÉ DES LABORATOIRES CORTIAL (SRL. A RESPONSABILITÉ LIMITÉE), Paris, France. Filed Aug. 6, 1927.

IODASEPTINE

Particular description of goods.—Medicine Used in All Cases Where Iodine Treatment is Indicated, and Especially in the Treatment of Rheumatism, Tuberculosis, Syphilis, and Tropical Diseases.
Claims use since Jan. 30, 1926.

Ser. No. 253,332. THE LIVERPOOL BORAX CO. LTD., Liverpool, England. Filed Aug. 11, 1927.

ALGOROID

Particular description of goods.—Chemical Substances Used in Manufactures—Namely, Boiler Scale Eliminating Compounds, and Anticorrosives.
Claims use since July 11, 1926.

Ser. No. 253,333. THE LIVERPOOL BORAX CO. LTD., Liverpool, England. Filed Aug. 11, 1927.

ISINGELL

Particular description of goods.—Chemical Substances Used in Manufactures—Namely, Substances for Treatment of Feed Water for Steam Boilers, Scale Eliminating Compounds and Anticorrosives.
Claims use since Apr. 11, 1912.

Ser. No. 253,344. WILLIAM E. YOUNCE, doing business as Verlac Remedy Company, Winchester, Ind. Filed Aug. 11, 1927.



Particular description of goods.—Hog-Cholera Medicine.
Claims use since Aug. 8, 1927.

Ser. No. 253,355. BRITISH DYESTUFFS CORPORATION LTD., Manchester, England. Filed Aug. 12, 1927.

ICYL

Particular description of goods.—Synthetic Dyestuffs.
Claims use since Mar. 12, 1927.

Ser. No. 253,484. STERLING PRODUCTS (INCORPORATED), Wheeling, W. Va. Filed Aug. 15, 1927. Under 10-year proviso.



Particular description of goods.—Headache Powders, Cough Syrup, and Soothing Syrup.
Claims use since Oct. 15, 1892.

Ser. No. 253,557. SAMUEL A. VISANSKA, doing business as Savex Laboratories, Atlanta, Ga. Filed Aug. 16, 1927.

SAVEX

Particular description of goods.—Salve for the Skin and Scalp, for the Relief of Toe Itch, Eczema, Pimples, Dan-druff, and Bites of Insects.
Claims use since July 20, 1927.

Ser. No. 253,567. IRVING BLECHMAN, doing business as Odora Company, New York, N. Y. Filed Aug. 17, 1927.

ODORA

Particular description of goods.—Deodorants.
Claims use since Aug. 1, 1927.

Ser. No. 253,610. SUPERIOR PRODUCTS COMPANY, Dallas, Tex. Filed Aug. 17, 1927.

SUPER-OL

Particular description of goods.—Insecticide and Wood Preservative.
Claims use since June 21, 1927.

Ser. No. 253,660. PYRENE MANUFACTURING COMPANY, Newark, N. J. Filed Aug. 18, 1927.

Guardene

Particular description of goods.—Chemicals for Use in Fire Extinguishers.
Claims use since about Feb. 1, 1916.

Ser. No. 253,699. FAIRCHILD BROS. & FOSTER, New York, N. Y. Filed Aug. 19, 1927.

FERULTIN

Particular description of goods.—Preparation of Iron Obtained from Fresh Ox Blood and Separated to a Great Degree from Other Constituents of the Blood Designed for Internal Administration in the Treatment of Anemia.
Claims use since Aug. 1, 1927.

Ser. No. 253,707. THE NORWICH PHARMACAL COMPANY, Norwich, N. Y. Filed Aug. 19, 1927.

Aspogen

Particular description of goods.—Vaginal-Douche Powder.
Claims use since May, 1927.

Ser. No. 253,813. F. H. MARKET CO., INC., St. Joseph, Mo. Filed Aug. 22, 1927.

KICKERS

Particular description of goods.—Laxative Pills.
Claims use since Jan. 1, 1926.

Ser. No. 253,865. CHARLES A. BLAKELEY, Columbus, Ga. Filed Aug. 24, 1927.



The trade-mark consists of a picture of G. W. Blakeley, deceased, together with his signature.

Particular description of goods.—Preparation to be Taken Internally for the Treatment of Catarrh, Dyspepsia, Pellagra, Rheumatism, Kidney and Liver Complaints, All Stomach Troubles, and Bad Blood.
Claims use since September, 1926.

Ser. No. 253,898. HENRY E. KUNKA, doing business as Redline Chemical Company, Chicago, Ill. Filed Aug. 24, 1927.

INFERNO

Particular description of goods.—Rubbing Salve.
Claims use since July 10, 1927.

CLASS 7.

CORDAGE.

Ser. No. 253,752. HANOVER CORDAGE COMPANY, Hanover, Pa. Filed Aug. 20, 1927.

"VANIA"

Particular description of goods.—Tube Rope, Wall Paper Twine, Jute Wrapping Twine, and Jute Miller's Twine.
Claims use since Sept. 22, 1926.

CLASS 9.

EXPLOSIVES, FIREARMS, EQUIPMENTS, AND PROJECTILES.

Ser. No. 237,285. REMINGTON ARMS COMPANY, INC., Bridgeport, Conn., Illon and New York, N. Y. Filed Sept. 15, 1926.



The word "Rustproof" is disclaimed.
Particular description of goods.—Ammunition.
Claims use since Sept. 14, 1926.

Ser. No. 246,253. VULCAN MATCH CO., INC., New York, N. Y. Filed Mar. 23, 1927.



No claim is made to the exclusive use of the words "Safety Matches" and "Made in Poland" apart from the mark shown in the drawing.
Particular description of goods.—Safety Matches.
Claims use since Jan. 14, 1927.

Ser. No. 253,991. FEDERAL CARTRIDGE CORPORATION, Minneapolis, Minn. Filed Aug. 26, 1927.



Particular description of goods.—Shot-Gun Shells.
Claims use since on or about Jan. 8, 1926.

CLASS 10.

FERTILIZERS.

Ser. No. 253,055. VIRGINIA-CAROLINA CHEMICAL CORPORATION, Richmond, Va. Filed Aug. 4, 1927. Under 10-year proviso.

ASHLEY

Particular description of goods.—Fertilizers.
Claims use since 1881.

Ser. No. 253,252. VIRGINIA-CAROLINA CHEMICAL CORPORATION, Richmond, Va. Filed Aug. 9, 1927.

KENNESAW

Applicant is the owner of registrations No. 57,302 and No. 57,317 for the marks "Kennesaw" and "Kennesaw Guano Co's.," respectively.

Particular description of goods.—Fertilizers.
Claims use since 1883.

CLASS 12.

CONSTRUCTION MATERIALS.

Ser. No. 248,515. THE RADFORD COMPANY, Oshkosh, Wis. Filed May 5, 1927.

THE ARISTOCRAT

Particular description of goods.—Wooden Doors.
Claims use since July, 1926.

Ser. No. 248,902. GULF CRUSHING COMPANY, INC., Morgan City and New Orleans, La. Filed May 12, 1927.

Reef Rock

No claim is made to the word "Rock" except in connection with the mark as shown.

Particular description of goods.—Asphalt Paving Material.

Claims use since Oct. 27, 1926.

Ser. No. 250,285. ACME BRICK COMPANY, Fort Worth, Tex. Filed June 10, 1927.

PER MAL

Particular description of goods.—Brick.
Claims use since June, 1926.

Ser. No. 251,644. ACME BRICK COMPANY, Fort Worth, Tex. Filed July 8, 1927.

ALGONQUIN

Particular description of goods.—Brick.
Claims use since January, 1927.

Ser. No. 251,646. ACME BRICK COMPANY, Fort Worth, Tex. Filed July 8, 1927.

OUACHITA

Particular description of goods.—Brick.
Claims use since January, 1927.

Ser. No. 252,807. APCO ASPHALT ROOFING COMPANY, New York, N. Y. Filed Aug. 1, 1927.

APCO-MIX

Particular description of goods.—Waterproofing, Hardener, and Accelerator for Cement Mixtures.
Claims use since on or about Jan. 15, 1927.

Ser. No. 252,921. THE WEAVER-WALL COMPANY, Cleveland, Ohio. Filed Aug. 2, 1927.

KLYMAX

Particular description of goods.—Composition Roofing, Both in the Form of Rolls and Individual Shingles.
Claims use since May, 1925.

Ser. No. 253,191. THE MASTER BUILDERS COMPANY, Cleveland, Ohio. Filed Aug. 8, 1927.



Particular description of goods.—Construction Materials and More Particularly for Rectified Solutions of Calcium Chloride to be Used as Cement Accelerators for Oil-Field Cementing.

Claims use since June 1, 1927.

CLASS 15.

OILS AND GREASES.

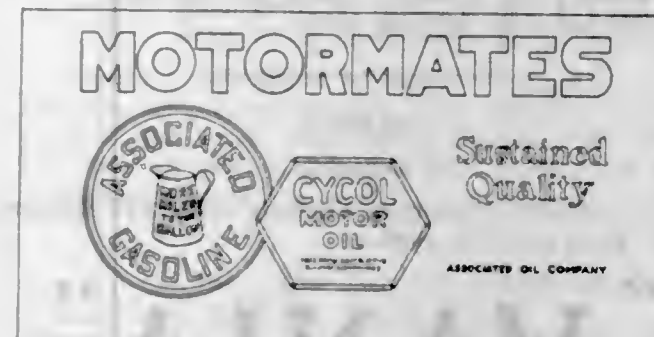
Ser. No. 249,491. CARL SIUDNA, Kansas City, Mo. Filed May 24, 1927.



The notation "100 per cent Pennsylvania" is disclaimed apart from the other features of the mark shown in the drawing.

Particular description of goods.—Gasoline.
Claims use since Mar. 10, 1927.

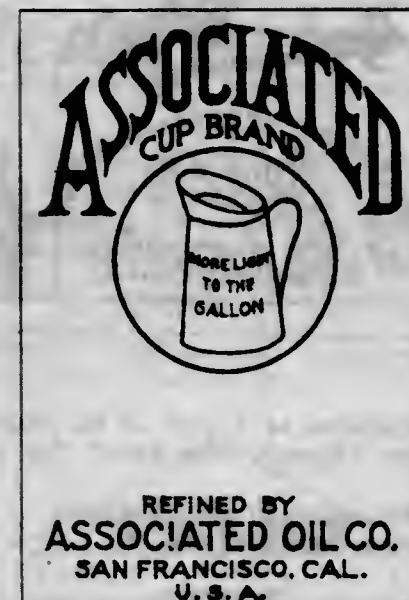
Ser. No. 251,810. ASSOCIATED OIL COMPANY, San Francisco, Calif. Filed July 11, 1927.



The words "More Miles to the Gallon," "Gasoline," and "Sustained Quality" are disclaimed apart from the mark shown in the drawing.

Particular description of goods.—Gasoline and Motor Oil.
Claims use since about Mar. 29, 1927.

Ser. No. 251,811. ASSOCIATED OIL COMPANY, San Francisco, Calif. Filed July 11, 1927.

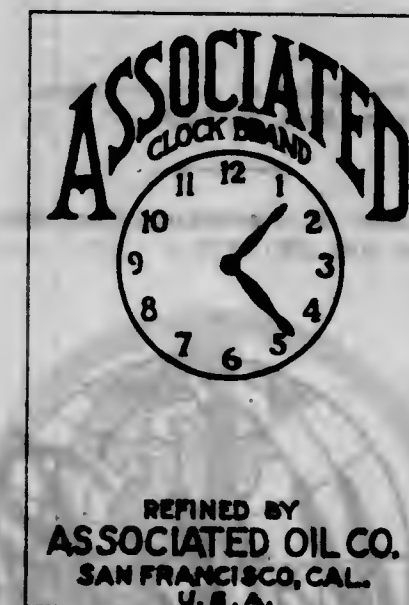


REFINED BY
ASSOCIATED OIL CO.
SAN FRANCISCO, CAL.
U. S. A.

The words "More Light to the Gallon," "Brand," "Refined by," and "San Francisco, Cal. U. S. A.," are disclaimed apart from the mark shown in the drawing.

Particular description of goods.—Kerosene.
Claims use since about Sept. 24, 1926.

Ser. No. 251,812. ASSOCIATED OIL COMPANY, San Francisco, Calif. Filed July 11, 1927.



REFINED BY
ASSOCIATED OIL CO.
SAN FRANCISCO, CAL.
U. S. A.

The words "Brand," "Refined by," and "San Francisco, Cal. U. S. A.," are disclaimed apart from the mark shown in the drawing.

Particular description of goods.—Kerosene and Gasoline.
Claims use since about Sept. 24, 1926.

365 O. G.—2

Ser. No. 251,813. ASSOCIATED OIL COMPANY, San Francisco, Calif. Filed July 11, 1927.



REFINED BY
ASSOCIATED OIL CO.
SAN FRANCISCO, CAL.
U. S. A.

The words "Brand," "Refined by," and "San Francisco, Cal. U. S. A.," are disclaimed apart from the mark shown in the drawing. A translation of the Chinese characters appearing on the drawing reads as follows: The two characters appearing above the word "Associated" literally mean "Beautiful nation." The characters appearing at the sides of clock, reading from one at top of the right side mean "Big Light Petroleum Company."

Particular description of goods.—Kerosene and Gasoline.

Claims use since about Sept. 24, 1926.

Ser. No. 252,410. ALFRED R. HIMMELRICH, doing business as Inland Oil Co., Baltimore, Md. Filed July 22, 1927.

INLAND OILS

The word "Oils" is disclaimed apart from the mark shown in the drawing.

Particular description of goods.—Motor Fuel Oils, Lubricating Oils, and Lubricating Greases.
Claims use since Apr. 1, 1926.

Ser. No. 252,411. ALFRED R. HIMMELRICH, doing business as Inland Oil Co., Baltimore, Md. Filed July 22, 1927.



The word "Oils" is disclaimed apart from the mark shown.

Particular description of goods.—Motor Fuel Oils, Lubricating Oils, and Lubricating Greases.
Claims use since Jan. 12, 1926.

Ser. No. 252,585. BORDEN & REMINGTON CO., Fall River, Mass. Filed July 27, 1927.



The lines on the drawing indicate shading and not any particular color scheme.

Particular description of goods.—Lubricating Oils.
Claims use since July 15, 1922.

Ser. No. 252,980. SIRCO OIL CO., Bridgeport, Conn. Filed Aug. 3, 1927.



The shading lines denote the color red.
Particular description of goods.—Lubricating Oils.
Claims use since July 21, 1927.

Ser. No. 253,371. GEO. P. JONES OIL CO., St. Louis, Mo. Filed Aug. 12, 1927. Under 10-year proviso.

PEERLESS

Particular description of goods.—Lubricating Oils, Engine Oils, Cylinder Oils, Dynamo Oils, and Railroad Signal Oils.

Claims use since 1882.

CLASS 17.

TOBACCO PRODUCTS.

Ser. No. 244,176. PETRI CIGAR COMPANY, San Francisco, Calif. Filed Feb. 10, 1927.

AA

Particular description of goods.—Cigars, Cigarettes, Smoking and Leaf Tobacco.
Claims use since July 1, 1916.

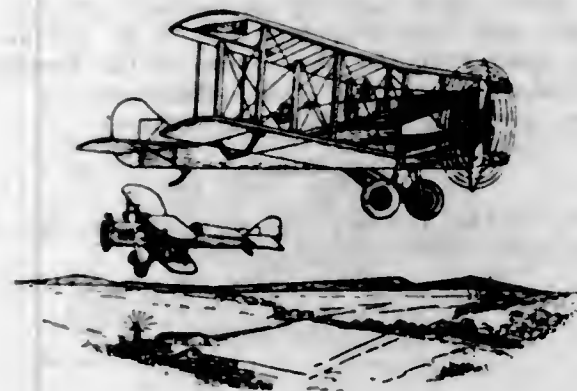
Ser. No. 251,569. MAZER-CRESSMAN CIGAR CO., INC., Detroit, Mich. Filed July 6, 1927.



Applicant disclaims as a part of his trade-mark the following words: "Ryan," "New York," "St. Louis," and "Paris."

Particular description of goods.—Cigars.
Claims use since June 25, 1927.

Ser. No. 252,517. JOSEPH LAMBERT, Independence, Iowa. Filed July 25, 1927.



Particular description of goods.—Cigars.
Claims use since Sept. 25, 1926.

Ser. No. 253,564. S. BENADERET, INC., San Francisco, Calif. Filed Aug. 17, 1927.



Particular description of goods.—Cigarettes.
Claims use since Jan. 2, 1927.

CLASS 31.

ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.

Ser. No. 241,593. WACO TOOL WORKS, Chicago, Ill. Filed Dec. 16, 1926.



Particular description of goods.—Electric Motors and Portable Electric Drills and Tools and Unitary Shop Equipment Especially Adapted to be Operated Thereby.
Claims use since Dec. 1, 1926.

Ser. No. 245,090. GENERAL DRY BATTERIES, INC., Cleveland, Ohio. Filed Mar. 2, 1927.



Particular description of goods.—Dry Cells.
Claims use since about Jan. 27, 1927.

Ser. No. 246,326. ATLANTIC RADIO AND MARINE CO., INC., Boston, Mass. Filed Mar. 25, 1927.

CRUISING THE AIR

Particular description of goods.—Antenna Outfits, Lightning Arresters, Electron Lead-Ins, Storage Batteries, A Batteries, B Batteries, C Batteries, Adjustable Clamps, Extension Cords and Connectors, Insulators, Loud Speakers, Adjustments for Loud Speakers, Plugs, Radio Receiving Sets, Battery Chargers, Head Phones, Electron Tubes, Antenna Wires.
Claims use since Nov. 16, 1926.

Ser. No. 249,961. THE ELECTRIC AUTO-LITE COMPANY, Toledo, Ohio. Filed June 3, 1927.



Particular description of goods.—Engine Ignition Systems and Parts Thereof.
Claims use since Dec. 15, 1926.

Ser. No. 250,197. ALFRED L. SIMON & COMPANY, New York, N. Y. Filed June 8, 1927.



Particular description of goods.—Electric Sockets, Plugs, Electric Connectors, Amplifiers, Horns for Radio Loud Speakers, Loud Speakers, Telephone Receivers.
Claims use since Dec. 1, 1926.

Ser. No. 251,294. AUTOMATIC SWITCH COMPANY, New York, N. Y. Filed June 29, 1927.

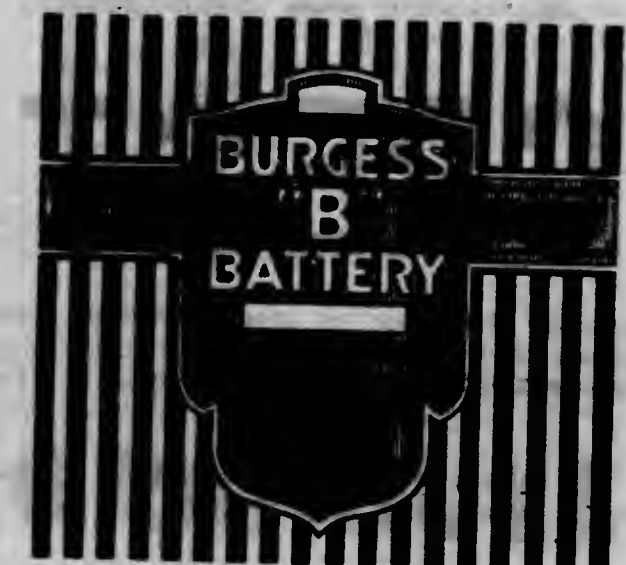
ASCO VALVES

No claim is made to the word "Valves" apart from the mark shown in the drawing.

Particular description of goods.—Magnet or Solenoid Operated Valves for Controlling Fluid Flow Through Conduits.

Claims use since June 23, 1927.

Ser. No. 251,387. BURGESS BATTERY COMPANY, Madison, Wis. Filed July 1, 1927.



Applicant disclaims any exclusive right to the words "B Battery" apart from the mark shown in the drawing. The vertical lining on the representation of a shield appearing in the drawing indicates red color.

Particular description of goods.—Electric Batteries.
Claims use since June 10, 1927.

Ser. No. 251,758. EDWARD E. JACOB, doing business as Edwards Electric Co., Toledo, Ohio. Filed July 9, 1927.

MAID

Particular description of goods.—Electric Vacuum Cleaners.
Claims use since May 20, 1927.

Ser. No. 251,975. METROPOLITAN COLUMBIA MFG. CO., INC., New York, N. Y. Filed July 13, 1927.

METCO

Particular description of goods.—Electrical Fixtures Consisting of Ceiling Fixtures, Brackets, Suspended Fixtures, Beam Lights, Ceiling Lights, Drop Brackets, Receptacle Holders, Crimped Adapters, and Hanger Canopies.

Claims use since Jan. 1, 1926.

Ser. No. 252,016. PACIFIC WHOLESALE, INC., Los Angeles, Calif. Filed July 13, 1927.

DX-TESTED

No claim is made to the word "Dx-Tested" apart from the mark shown in the drawing.

Particular description of goods.—Radio Electron Tubes.

Claims use since May 1, 1927.

Ser. No. 252,037. THE CREST COMPANY, Chicago, Ill. Filed July 14, 1927.

CREST

Particular description of goods.—Electrical Lamps, Torchères, and Candelabra.

Claims use since January, 1918.

Ser. No. 252,243. THE ELECTRIC SPRAYIT COMPANY, Detroit, Mich. Filed July 18, 1927.



The drawing is lined to indicate red. The representation of the goods and the word "Electrically" is disclaimed apart from the mark shown in the drawing.

Particular description of goods.—Electric Sprayers.

Claims use since June 15, 1927.

Ser. No. 252,375. JOHN B. GLOWACKI, Chicago, Ill. Filed July 21, 1927.

"GLOW"

Particular description of goods.—Electric Fuses.

Claims use since Jan. 15, 1924.

Ser. No. 252,975. PARAGON DISTRIBUTING CORPORATION, New York, N. Y. Filed Aug. 3, 1927.

PARAGON

Particular description of goods.—Electrical Permanent-Waving Machines.

Claims use since Jan. 2, 1927.

CLASS 22.

GAMES, TOYS, AND SPORTING GOODS.

Ser. No. 250,198. ALFRED L. SIMON & COMPANY, New York, N. Y. Filed June 8, 1927.

OSMITE

Particular description of goods.—Figure Toys, Toy Vehicles, Toy Canes, Tennis Rackets, Golf Sticks, and Golf Bags.

Claims use since Dec. 1, 1926.

Ser. No. 251,585. FRANCES SULLIVAN, Nashville, Tenn. Filed July 6, 1927.

A-B-C

HAPPY HOUR
GAMES

No claim is made to the use of the word "Games" apart from the trade-mark shown in the drawing.

Particular description of goods.—Table Board Games.

Claims use since June 17, 1927.

Ser. No. 252,339. LUTHER GRINDER MFG. CO., Milwaukee, Wis. Filed July 20, 1927.

REKREATOR

The drawing is lined for red.

Particular description of goods.—Exercising Machines.

Claims use since Mar. 7, 1927.

Ser. No. 252,841. THE JOHN J. HILDEBRANDT COMPANY, Logansport, Ind. Filed Aug. 1, 1927.



No claim is made to the representation of a fishing rod, line, and artificial bait, except in association with the other features of the mark as shown.

Particular description of goods.—Fishing Rods, Reels, Lines, and Artificial Baits.

Claims use since Jan. 1, 1926.

Ser. No. 252,875. ARRO TOY & MFG. CO., INC., New York, N. Y. Filed Aug. 2, 1927.

Bang-o-Top

The word "Top" is claimed only in connection with the other features of the mark.

Particular description of goods.—Spinning Tops.

Claims use since Apr. 15, 1927.

Ser. No. 252,905. KINGSBURY MANUFACTURING COMPANY, Keene, N. H. Filed Aug. 2, 1927.

SUNBEAM

Particular description of goods.—Toy Automobiles.

Claims use since on or about Apr. 15, 1927.

Ser. No. 253,440. PARKER BROTHERS, Portland, Me., and Salem, Mass. Filed Aug. 13, 1927.

HOKUM

Particular description of goods.—Special Type of Game Played with Numbered Cards, Numbered Discs, and Wooden Markers for Covering the Numbers on the Cards.

Claims use since Mar. 24, 1927.

CLASS 23.

CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.

Ser. No. 219,806. CHEMICAL TREATMENT COMPANY, INC., New York, N. Y., assignor to Chromium Corporation of America, New York, N. Y., a Corporation of Delaware. Filed Sept. 4, 1925.

CRODON

Particular description of goods.—Files, Saws, Hammers, Hatchets, Trowels, Machine Knitting Needles, Hand Pumps; Steel Balls for Bearings for Grinding Mills; Soot-Cleaner Parts; Knives, Forks, Spoons, All of Base Metal; Trip Hammers, Gears, Dies, Shears; End Parts of Screws and Helices Such as Used in Conveyers or Pumps, Turbine Blades, Centrifugal Separators for Liquids; Thread Guides and Tension Posts for Textile Machinery, Typewriters; Pump Parts as Follows: Pistons, Rotors; Knife Blades, Knife Handles, Safety-Razor Blades, Engine Poppet Valves, Steel Valve-Seat Rings, Bronze Bushing for Molds, Steel Bushings for Molds, Butter Triers; Vacuum-Cleaner Parts—Namely, Suction Nozzles, Handles, Frames, Tube Connections, All Coated with Metal.

Claims use since Apr. 29, 1925.

Ser. No. 253,782. THE WILLIAMS FOUNDRY AND MACHINE COMPANY, Akron, Ohio. Filed Aug. 20, 1927.

RAPIDO

Particular description of goods.—Rubber-Working Machinery, Particularly Tubers.

Claims use since June, 1927.

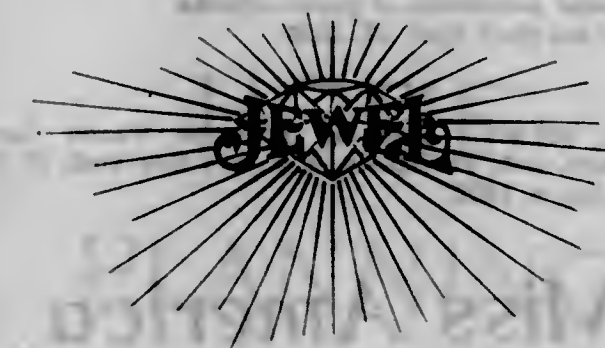
Ser. No. 253,801. GRAHAM-HOULE MANUFACTURING COMPANY, Wilkesburg, Pa. Filed Aug. 22, 1927.

GRAHOULE

Particular description of goods.—Hydraulic Pumps.

Claims use since February, 1927.

Ser. No. 253,839. GUARANTEED PARTS CO., INC., New York, N. Y. Filed Aug. 23, 1927.



Particular description of goods.—Handles for Levers.

Claims use since July 11, 1927.

Ser. No. 251,975. METROPOLITAN COLUMBIA MFG. CO., INC., New York, N. Y. Filed July 13, 1927.

METCO

Particular description of goods.—Electrical Fixtures Consisting of Ceiling Fixtures, Brackets, Suspended Fixtures, Beam Lights, Ceiling Lights, Drop Brackets, Receptacle Holders, Crimped Adapters, and Hanger Canopies.

Claims use since Jan. 1, 1926.

Ser. No. 252,016. PACIFIC WHOLESALE, INC., Los Angeles, Calif. Filed July 13, 1927.

DX-TESTED

No claim is made to the word "Dx-Tested" apart from the mark shown in the drawing.

Particular description of goods.—Radio Electron Tubes.

Claims use since May 1, 1927.

Ser. No. 252,037. THE CREST COMPANY, Chicago, Ill. Filed July 14, 1927.

CREST

Particular description of goods.—Electrical Lamps, Torchères, and Candelabra.

Claims use since January, 1918.

Ser. No. 252,243. THE ELECTRIC SPRAYIT COMPANY, Detroit, Mich. Filed July 13, 1927.



The drawing is lined to indicate red. The representation of the goods and the word "Electrically" is disclaimed apart from the mark shown in the drawing.

Particular description of goods.—Electric Sprayers.

Claims use since June 15, 1927.

Ser. No. 252,375. JOHN B. GLOWACKI, Chicago, Ill. Filed July 21, 1927.

"GLOW"

Particular description of goods.—Electric Fuses.

Claims use since Jan. 15, 1924.

Ser. No. 252,975. PARAGON DISTRIBUTING CORPORATION, New York, N. Y. Filed Aug. 3, 1927.

PARAGON

Particular description of goods.—Electrical Permanent-Waving Machines.

Claims use since Jan. 2, 1927.

CLASS 22.

GAMES, TOYS, AND SPORTING GOODS.

Ser. No. 250,198. ALFRED L. SIMON & COMPANY, New York, N. Y. Filed June 8, 1927.

OSMITE

Particular description of goods.—Figure Toys, Toy Vehicles, Toy Canes, Tennis Rackets, Golf Sticks, and Golf Bags.

Claims use since Dec. 1, 1926.

Ser. No. 251,585. FRANCES SULLIVAN, Nashville, Tenn. Filed July 6, 1927.

A-B-C

HAPPY HOUR
GAMES

No claim is made to the use of the word "Games" apart from the trade-mark shown in the drawing.

Particular description of goods.—Table Board Games.

Claims use since June 17, 1927.

Ser. No. 252,339. LUTHER GRINDER MFG. CO., Milwaukee, Wis. Filed July 20, 1927.

REKREATOR

The drawing is lined for red.

Particular description of goods.—Exercising Machines.

Claims use since Mar. 7, 1927.

Ser. No. 252,841. THE JOHN J. HILDEBRANDT COMPANY, Logansport, Ind. Filed Aug. 1, 1927.



No claim is made to the representation of a fishing rod, line, and artificial bait, except in association with the other features of the mark as shown.

Particular description of goods.—Fishing Rods, Reels, Lines, and Artificial Baits.

Claims use since Jan. 1, 1926.

Ser. No. 252,875. AERO TOY & MFG. CO., INC., New York, N. Y. Filed Aug. 2, 1927.

Bang-o-Top

The word "Top" is claimed only in connection with the other features of the mark.

Particular description of goods.—Spinning Tops.

Claims use since Apr. 15, 1927.

Ser. No. 252,905. KINGSBURY MANUFACTURING COMPANY, Keene, N. H. Filed Aug. 2, 1927.

SUNBEAM

Particular description of goods.—Toy Automobiles.

Claims use since on or about Apr. 15, 1927.

Ser. No. 253,440. PARKER BROTHERS, Portland, Me., and Salem, Mass. Filed Aug. 13, 1927.

HOKUM

Particular description of goods.—Special Type of Game Played with Numbered Cards, Numbered Discs, and Wooden Markers for Covering the Numbers on the Cards.

Claims use since Mar. 24, 1927.

CLASS 23.

CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.

Ser. No. 219,806. CHEMICAL TREATMENT COMPANY, INC., New York, N. Y., assignor to Chromium Corporation of America, New York, N. Y., a Corporation of Delaware. Filed Sept. 4, 1925.

CRODON

Particular description of goods.—Files, Saws, Hammers, Hatchets, Trowels, Machine Knitting Needles, Hand Pumps; Steel Balls for Bearings for Grinding Mills; Soot-Cleaner Parts; Knives, Forks, Spoons, All of Base Metal; Trip Hammers, Gears, Dies, Shears; End Parts of Screws and Helices Such as Used in Conveyers or Pumps, Turbine Blades, Centrifugal Separators for Liquids; Thread Guides and Tension Posts for Textile Machinery, Typewriters; Pump Parts as Follows: Pistons, Rotors; Knife Blades, Knife Handles, Safety-Razor Blades, Engine Poppet Valves, Steel Valve-Seat Rings, Bronze Bushing for Molds, Steel Bushings for Molds, Butter Triers; Vacuum-Cleaner Parts—Namely, Suction Nozzles, Handles, Frames, Tube Connections, All Coated with Metal.

Claims use since Apr. 29, 1925.

Ser. No. 253,782. THE WILLIAMS FOUNDRY AND MACHINE COMPANY, Akron, Ohio. Filed Aug. 20, 1927.

RAPIDO

Particular description of goods.—Rubber-Working Machinery, Particularly Tubers.

Claims use since June, 1927.

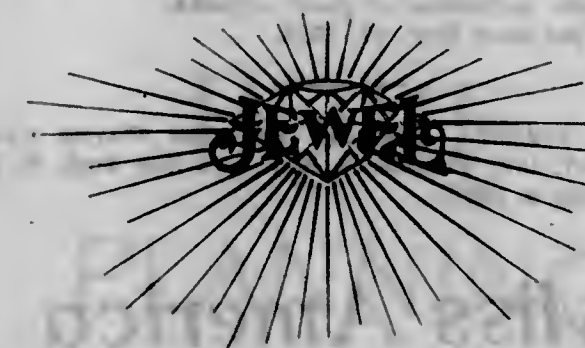
Ser. No. 253,801. GRAHAM-HOULE MANUFACTURING COMPANY, Wilkesburg, Pa. Filed Aug. 22, 1927.

GRAHOULE

Particular description of goods.—Hydraulic Pumps.

Claims use since February, 1927.

Ser. No. 253,839. GUARANTEED PARTS CO., INC., New York, N. Y. Filed Aug. 23, 1927.



Particular description of goods.—Handles for Levers.

Claims use since July 11, 1927.

CLASS 27.

HOROLOGICAL INSTRUMENTS.

Ser. No. 250,199. ALFRED L. SIMON & COMPANY, New York, N. Y. Filed June 8, 1927.

OSMITE

Particular description of goods.—Clocks, Frames, and Casings for Clocks.

Claims use since Dec. 1, 1926.

Ser. No. 250,841. FABRIQUE VULCAIN, DITISHEIM & CIE., La Chaux de Fonds, Switzerland. Filed June 21, 1927.

VULCAIN

Particular description of goods.—Watches, Watchcases, Watch Movements, and Parts of the Same.

Claims use since about Jan. 1, 1899.

Ser. No. 251,324. DIEL WATCH CASE CO., INC., New York, N. Y. Filed June 30, 1927.

**SPIRIT
OF
ST. LOUIS**

Particular description of goods.—Watches and Parts Thereof.

Claims use since about June 15, 1927.

Ser. No. 251,584. CHAS. A. STEVENS & BROS., Chicago, Ill. Filed July 6, 1927.

RARITY

Particular description of goods.—Clocks.

Claims use since Sept. 17, 1926.

Ser. No. 252,997. AMERICAN STANDARD WATCH CASE COMPANY, INC., Providence, R. I., and New York, N. Y. Filed Aug. 4, 1927.

Miss America

Particular description of goods.—Watches.

Claims use since Jan. 18, 1927.

Ser. No. 252,999. AMERICAN STANDARD WATCH CASE COMPANY, INC., Providence, R. I., and New York, N. Y. Filed Aug. 4, 1927.

American Boy

Particular description of goods.—Watches.

Claims use since Jan. 18, 1927.

CLASS 28.

JEWELRY AND PRECIOUS-METAL WARE.

Ser. No. 250,153. ALPHA PHI DELTA FRATERNITY, INC., Brooklyn, N. Y. Filed June 8, 1927.

AΦΔ

Particular description of goods.—Fraternity Pins, Badges, Lapel Buttons, Cuff Links, Tie Clasps, Charms, Finger Rings, All Made of or Plated with Precious Metals.

Claims use since October, 1914.

Ser. No. 252,025. ALPHA OMEGA FRATERNITY, Baltimore, Md. Filed July 14, 1927.

AΩ

Particular description of goods.—Fraternity Pins, Lapel Buttons, Tie Clasps, Charms, Finger Rings, and Belt Buckles, All Made of or Plated with Precious Metals.

Claims use since December, 1908.

Ser. No. 252,719. ATOW MATSUOKA, doing business as Atow Matsuoka Co., San Francisco, Calif. Filed July 29, 1927.

Miracle

Particular description of goods.—Imitation-Pearl Jewelry for Personal Wear, Not Including Watches.

Claims use since July 12, 1927.

Ser. No. 253,315. DELTA ZETA, Indianapolis, Ind. Filed Aug. 11, 1927.

Δ Z

Particular description of goods.—Sorority Pins Made of or Plated with Precious Metal.

Claims use since October, 1902.

CLASS 29.

BROOMS, BRUSHES, AND DUSTERS.

Ser. No. 246,259. THE A. & J. MANUFACTURING CO., Binghamton, N. Y. Filed Mar. 24, 1927.

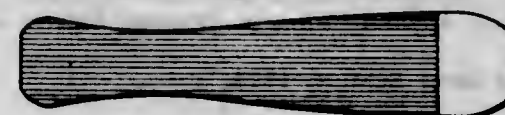


The trade-mark consists in coloring the free ends of the tools and utensils gray and the stippling in the drawing indicates the color gray. No claim is made herein to the representation of the handle per se.

Particular description of goods.—Kitchen Brushes—Namely, Vegetable Brushes, Sink Brushes, Scouring Brushes, and Griddle Greasers.

Claims use since Oct. 21, 1925.

Ser. No. 252,449. THE WASHBURN COMPANY, Worcester, Mass. Filed July 22, 1927.



The lining on the drawing, representing blue, is for contrast purposes only. The mark consists of a white tip on the end of a handle. No claim is made to the form of the handle shown, apart from the trade-mark.

Particular description of goods.—Sink Brushes and Bottle Brushes.

Claims use since Dec. 29, 1926.

CLASS 36.

MUSICAL INSTRUMENTS AND SUPPLIES.

Ser. No. 232,847. JACQUES ROSTON, London, England. Filed June 7, 1926.

LINGUAPHONE

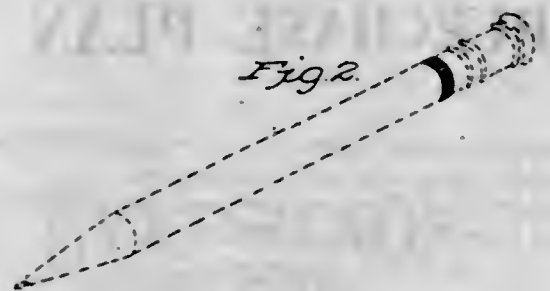
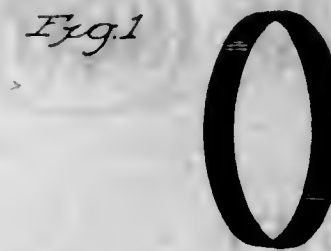
Particular description of goods.—Phonographs, Talking Machines, Repenting Devices for Said Machines, and Sound Records.

Claims use since Oct. 20, 1905.

CLASS 37.

PAPER AND STATIONERY.

Ser. No. 247,701. THE PARKER PEN COMPANY, Janesville, Wis. Filed Apr. 19, 1927.



The mark is affixed to the goods by banding the body of the pencil with an annular stripe of black.

Particular description of goods.—Pencil.

Claims use since Mar. 16, 1926.

Ser. No. 250,207. ALFRED L. SIMON & COMPANY, New York, N. Y. Filed June 8, 1927.

OSMITE

Particular description of goods.—Letter Openers, Blotter Holders, Calendar Holders, Inkwells, Paper Weights, Shot Holders, Book Covers, Book Bindings, Pen-Brush Holders, Bridge Scores, Pencils, Fountain Pens, Pen-holders, Pen and Pencil Trays.

Claims use since Dec. 1, 1926.

CLASS 38.

PRINTS AND PUBLICATIONS.

Ser. No. 226,326. ABRAHAM & STRAUS, INC., New York, N. Y. Filed Jan. 25, 1926.

**PRACTICAL
HOME
PLANNING**

Particular description of goods.—Booklets Published from Time to Time.

Claims use since Jan. 2, 1926.

Ser. No. 237,142. S. S. ALEXANDER, INC., New York, N. Y. Filed Sept. 13, 1926.

"TREASURE CHEST"

**GIFT
PURCHASE PLAN**

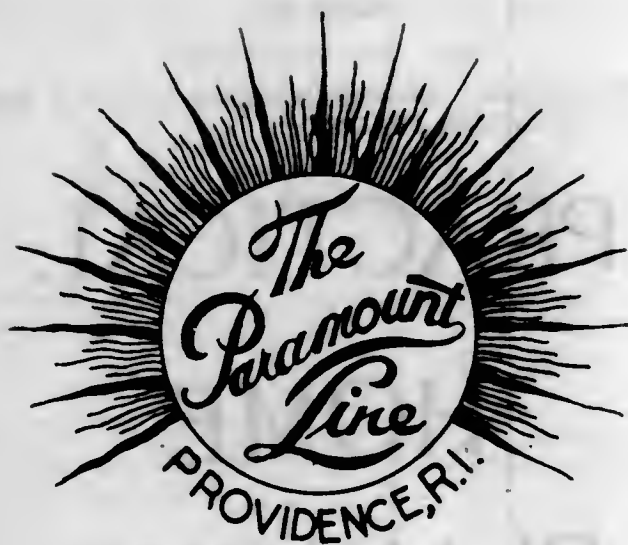
No claim is made herein to the words "Gift Purchase Plan" apart from the mark illustrated.
Particular description of goods.—Trade Certificates.
Claims use since Sept. 1, 1926.

Ser. No. 250,740. DOUBLEDAY PAGE & Co., Garden City, N. Y. Filed June 18, 1927.

**THE
WEEK-END
LIBRARY**

Particular description of goods.—Books.
Claims use since June 10, 1927.

Ser. No. 252,329. JAPANESE WOOD NOVELTY CO., Providence, R. I. Filed July 20, 1927.



The words "Line" and "Providence, R. I." are not claimed apart from the other features of the mark.
Particular description of goods.—Greeting Cards and Wall Calendars.
Claims use since January, 1921.

**CLASS 39.
CLOTHING.**

Ser. No. 205,400. EAGLE KNITTING MILLS, Milwaukee, Wis. Filed Nov. 17, 1924.

EAGLEKNIT

Particular description of goods.—Knit Goods—Namely, Caps for Men, Women, and Children.
Claims use since about Dec. 1, 1923.

Ser. No. 221,154. ABRAHAM & STRAUS, INC., New York, N. Y. Filed Oct. 3, 1925.



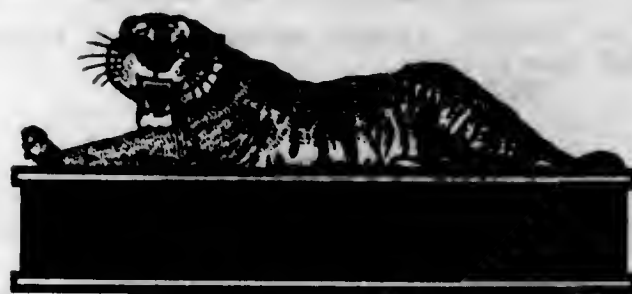
Particular description of goods.—Women's and Children's Wearing Apparel—Namely, Dresses, Skirts, Coats, and Hosiery.
Claims use since Sept. 4, 1925.

Ser. No. 232,829. GEO. P. IDE & CO., INC., Troy, N. Y. Filed June 7, 1926.

IdeLuxe

Particular description of goods.—Collars.
Claims use since May 13, 1926.

Ser. No. 235,323. THE ROYAL TAILORS, Chicago, Ill. Filed July 29, 1926.



Particular description of goods.—Boy's, Youth's, and Men's Coats, Suits, Vests, Pants, and Overcoats.
Claims use since Nov. 19, 1913.

Ser. No. 236,338. D. M. OBERMAN MFG. CO., New York, N. Y., and Jefferson City, Mo. Filed Aug. 23, 1926.

**HAST IRON
KHAKI**

No claim is made to the word "Khaki" apart from the mark shown in the drawing.
Particular description of goods.—Trousers.
Claims use since July 14, 1926.

Ser. No. 242,515. VARSITY UNDERWEAR COMPANY, INC., Baltimore, Md. Filed Jan. 7, 1927.

SUPER-CHEX

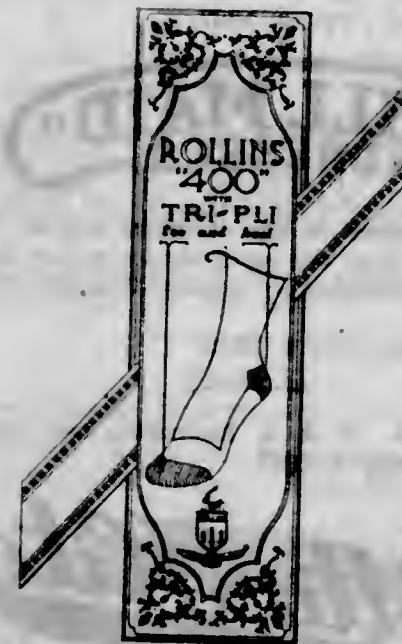
Particular description of goods.—Pyjamas, Nightshirts, Night Robes, and Sleeping Garments of That Type Commercially and Commonly Known as Sleepers and Knitted and Textile Underwear Comprising Shirts, Drawers, and Union Suits for Men, Women, and Children; Combination Suits, and Running Pants.
Claims use since Aug. 11, 1926.

Ser. No. 245,651. OLIVER BROTHERS, Philadelphia, Pa. Filed Mar. 12, 1927.

VEE K NEE

Particular description of goods.—Ladies' Hosiery.
Claims use since Jan. 25, 1927.

Ser. No. 246,178. ROLLINS HOSIERY MILLS, Des Moines, Iowa. Filed Mar. 22, 1927.



No claim is made apart from the mark as shown in the drawing to the following words: "With Tri-Pli toe and heel" and "For men, women, children," nor for the illustration of the sock apart from the mark as shown in the drawing.

Particular description of goods.—Hosiery.
Claims use since July 1, 1926.

Ser. No. 247,314. JOHN DI CIO, Norristown, Pa. Filed Apr. 12, 1927.

Chemiknicker

Particular description of goods.—Undergarment for Women, a Combination Article of Ladies' Underwear Comprising a Union of the So-Called Chemise, Vest, and the Knickerbocker or Bloomer, All Made in one Piece, of Knitted and Textile Fabric.
Claims use since Jan. 13, 1927.

Ser. No. 247,857. HARRIS RAINCOAT COMPANY, New York, N. Y. Filed Apr. 22, 1927.

**THE
EVERGLADE
Made of DU PONT
FAIRFIELD FABRIC**

No claim is made to any of the words appearing on the drawing except the words, "The Everglade" apart from the mark as shown.

Particular description of goods.—Waterproofed Clothing—Namely, Coats, Capes, Caps, and Hats for Men, Women, and Children, and Overalls, Pants, and Shirts for Men and Boys, All Waterproofed.
Claims use since Apr. 13, 1927.

Ser. No. 248,045. MILWAUKEE KNITTING MILLS, Milwaukee, Wis. Filed Apr. 27, 1927.

Saucy Seam

No claim is made to the word "Seam" apart from the mark as shown in the drawing.
Particular description of goods.—Hosiery.
Claims use since Apr. 12, 1927.

Ser. No. 248,596. ROSENWALD & WEIL, Chicago, Ill. Filed May 6, 1927.

HEATHER DE LUXE

The words "De Luxe" do not form a part of the registration sought, separate and apart from the mark shown in the drawing.

Particular description of goods.—Men's and Boys' Overcoats.
Claims use since Mar. 1, 1927.

Ser. No. 249,176. ALMA R. JOHNSON, Seattle, Wash.
Filed May 18, 1927.

CONNIE J

Particular description of goods.—Combination Child's Dress Made of Textile Fabric.
Claims use since Mar. 1, 1927.

Ser. No. 250,466. MANHATTAN CORSET CO. INC., New York, N. Y. Filed June 13, 1927.

Uth=Stay

No claim is made to the exclusive use of the word "Stay" apart from the mark shown in the drawing.
Particular description of goods.—Girdles.
Claims use since about Apr. 10, 1926.

Ser. No. 250,909. BENJAMIN DORTCH, doing business as Victoria Knitting Mills, Philadelphia, Pa. Filed June 22, 1927.



Applicant disclaims the words "Knit of 100% Pure Wool Worsted" apart from the mark as shown in the drawing.

Particular description of goods.—Sweaters, Sweater Coats, and Knitted Jackets for Men, Women, and Children.
Claims use since Jan. 1, 1927.

Ser. No. 251,848. MARKS-CHANDLER COMPANY, Amesbury, Mass. Filed July 11, 1927.

BUILD ARCH

Particular description of goods.—Leather and Cloth Shoes.
Claims use since Feb. 1, 1927.

Ser. No. 251,898. JACOB FEINBERG, doing business as J. F. Underwear Company, Allentown, Pa. Filed July 12, 1927.

THE

GANG

Particular description of goods.—Children's Athletic Waist Union Suits Manufactured from Textile Fabric, and Outer Garments—Viz, Children's Wash Dresses; Children's Pantie Waists, Children's Play Frocks, Children's Rompers, Little Boys' Play Suits.
Claims use since Apr. 15, 1927.

Ser. No. 252,356. TOM TOM CAP, INC., New York, N. Y. Filed July 20, 1927.



No claim is made to the words "Beats All" apart from the mark shown on the drawing.

Particular description of goods.—Men's, Women's, and Children's Caps of Knitted Material.
Claims use since May, 1927.

Ser. No. 252,470. MARTIN J. HILL, INCORPORATED, Chicago, Ill. Filed July 23, 1927.

"HILL MAID" DRESSES

No claim is made to the exclusive use of the word "Dresses" apart from the mark shown in the drawing.

Particular description of goods.—Women's Coats and Dresses.
Claims use since July 1, 1912.

Ser. No. 253,115. S. & A. RUCHMAN, INC., New York, N. Y. Filed Aug. 5, 1927.

"Petty-Fite" FROCKS

No claim is made to the word "Frocks" apart from the mark.

Particular description of goods.—Women's, Misses', and Children's Dresses.
Claims use since about June 1, 1927.

Ser. No. 253,123. A. V. VICTORIUS & CO., INC., New York, N. Y. Filed Aug. 5, 1927.

GOOD MEASURE

Particular description of goods.—Hosiery.
Claims use since May 12, 1927.

Ser. No. 253,254. RICHMOND WOLLSTEIN, Rome, Ga. Filed Aug. 9, 1927.

Loving Cup

Particular description of goods.—Hosiery.
Claims use since July 1, 1927.

Ser. No. 253,277. IPSWICH MILLS, Ipswich, Mass. Filed Aug. 10, 1927.

Paloma

Particular description of goods.—Hosiery.
Claims use since July 23, 1927.

Ser. No. 253,393. RUFUS W. SCOTT COMPANY, New York, N. Y. Filed Aug. 12, 1927.

"CORSAIR"

Particular description of goods.—Hosiery.
Claims use since July 16, 1927.

Ser. No. 253,394. RUFUS W. SCOTT COMPANY, New York, N. Y. Filed Aug. 12, 1927.

BUCCANEER

Particular description of goods.—Hosiery.
Claims use since July 16, 1927.

CLASS 40.

FANCY GOODS, FURNISHINGS, AND NOTIONS.

Ser. No. 233,085. LA SOCIÉTÉ INDUSTRIELLE DES MATIÈRES PLASTIQUES, Paris, France. Filed June 11, 1926.

PRYSTAL

Particular description of goods.—Buckles, Buttons, Collar Buttons, Cuff Buttons, Hairpin Ornaments, Novelty Jewelry Such as Bracelets, Rings, Necklaces, Brooches.

Earrings, and Pendants; Boudoir and Toilet Sets—Namely, Combs, Hair Brushes, Mirrors, Clothes Brushes, Powder Boxes, Puff Boxes, Shoebricks, Buttonhooks, Nail Files, Salve Jars, Jewelry Cases, and Perfume-Bottle Holders, All Made of Hardened Plastic Material.
Claims use since about December, 1925.

CLASS 42.

KNITTED, NETTED, AND TEXTILE FABRICS.

Ser. No. 250,127. JOHNSTON, ALLEN & CO., LTD., Lurgan, Ireland. Filed June 7, 1927.

SUNDEW

Particular description of goods.—Handkerchiefs, Tablecloths, Napkins, and Towels, All Being Cotton Goods in the Piece; Handkerchiefs, Tablecloths, Napkins, and Towels, All Being Cotton Goods Not in the Piece; Linen Handkerchiefs in the Piece and Linen Damasks in the Piece, All Made in Ireland, but Not Including Damasks for Furnishings; Linen Handkerchiefs (Not in the Piece) and Linen Damasks (Not in the Piece), All Made in Ireland, but Not Including Damasks for Furnishings.
Claims use since Jan. 13, 1927.

Ser. No. 252,141. BEACON MANUFACTURING COMPANY, New Bedford, Mass. Filed July 16, 1927.

VIKING

Particular description of goods.—Blankets Made of Cotton or Cotton and Wool.
Claims use since June 17, 1927.

Ser. No. 253,365. EVERLASTIK, INC., Chelsea, Mass. Filed Aug. 12, 1927.

Norunette

Particular description of goods.—Elastic Webbing Textile Piece Goods.
Claims use since July 29, 1927.

Ser. No. 253,525. ASSOCIATED MERCHANDISING CORPORATION, New York, N. Y. Filed Aug. 16, 1927.

WOLVERINE

Particular description of goods.—Bed Sheets and Pillowcases.
Claims use since May 18, 1927.

Ser. No. 253,526. ASSOCIATED MERCHANDISING CORPORATION, New York, N. Y. Filed Aug. 16, 1927.

ENVOY

Particular description of goods.—Bed Sheets and Pillowcases.
Claims use since June 15, 1927.

Ser. No. 253,794. FORSTMANN & HUFFMANN COMPANY, Passaic, N. J. Filed Aug. 22, 1927.

Ferra

Particular description of goods.—Woolen Piece Goods.
Claims use since July 10, 1927.

Ser. No. 253,795. FORSTMANN & HUFFMANN COMPANY, Passaic, N. J. Filed Aug. 22, 1927.

Reja

Particular description of goods.—Woolen Piece Goods.
Claims use since July 10, 1927.

Ser. No. 253,800. FORSTMANN & HUFFMANN COMPANY, Passaic, N. J. Filed Aug. 22, 1927.

Zarella

Particular description of goods.—Woolen Piece Goods.
Claims use since July 10, 1927.

Ser. No. 254,033. W. T. GRANT COMPANY, Lynn, Mass., and New York, N. Y. Filed Aug. 27, 1927.



Particular description of goods.—Babies' Textile Crib Sheets, and Babies' Wash Cloths and Towels in Kits.
Claims use since June 7, 1927.

Ser. No. 254,066. VANITY FAIR SILK MILLS, Reading, Pa. Filed Aug. 27, 1927.

VANITENSE

Particular description of goods.—Piece Goods Consisting of Silk and Bemberg Fiber (or Synthetic Fiber).
Claims use since Aug. 12, 1927.

CLASS 43.

THREAD AND YARN.

Ser. No. 243,972. NATHAN ROSS, doing business as Queens Thread Co., Los Angeles, Calif. Filed Feb. 7, 1927.



No claim is made to the words "Los Angeles, California."

Particular description of goods.—Spooled Thread and Yarn.

Claims use since Sept. 1, 1926.

Ser. No. 253,580. GEORGE ELBOGEN & COMPANY, INC., New York, N. Y. Filed Aug. 17, 1927.

CELORAY

Particular description of goods.—Rayon Yarns.
Claims use since Apr. 29, 1927.

CLASS 44.

DENTAL, MEDICAL, AND SURGICAL APPLIANCES.

Ser. No. 246,656. AMBULATORY PNEUMATIC SPLINT MFG. CO., Chicago, Ill. Filed Mar. 31, 1927.

AMBUMATIC

Particular description of goods.—Washable Abdominal Supporter Corset Binders, Abdominal Supporters (Elastic and Nonelastic), Ambulatory Pneumatic Splints (for Fractured Hips, Thighs, Legs, Ankles, Knees, and Hip Joint Diseases), Ambulatory Pneumatic Splints (for Fractured Humerus, Head of the Humerus and Forearm), Pneumatic Splints, Thomas Splints, Walking Splints, Arch Supports, Weak-Ankle Braces, Weak-Knee Braces, Weak-Hip Braces, Spinal Braces, Spinal Corsets, Head Suspension

Braces, Artificial Limbs, Artificial Legs, Artificial Hands, Artificial Arms, Artificial Feet, Artificial Fingers, Artificial Eyes, Arm Splints, Bandages, Buck's Extension, Leg Supporters, Chest Splints, Crutches, Extensions for Short Limbs, Deformity Shoes, Elastic Stockings; Finger Splints, Fracture Appliances, Fracture-Reducing Splints, Invalid Wheel Chairs, Orthopedic Appliances, Ptois Corsets and Ptois Supporters, Sacro-Iliac Belts, Sacro-Iliac Corsets, Shoe Extensions, Splints, Surgical Appliances, Trusses, Suspensories, Shoulder Braces, Back Rests.
Claims use since Jan. 1, 1905.

Ser. No. 251,020. THERMOFOR MFG. CO., INC., New York, N. Y. Filed June 23, 1927.



No claim is made to the exclusive use of the words "Trade-Mark" and "Thermoform" apart from the mark shown in the drawing.

Particular description of goods.—Heat-Retaining Devices—Namely, Bottles, Bags, and Pads, Used for Therapeutic or Medical Purposes.

Claims use since about 1922.

CLASS 45.

BEVERAGES, NONALCOHOLIC.

Ser. No. 232,178. GENO MANUFACTURING COMPANY, Minneapolis, Minn. Filed May 22, 1926.

Geno

Particular description of goods.—Nonalcoholic, Maltless Beverage Sold as a Soft Drink.
Claims use since Mar. 1, 1926.

Ser. No. 236,184. KALBNSCHER & CALDWELL, New York, N. Y. Filed Aug. 18, 1926.

TROPICAL

Particular description of goods.—Nonalcoholic, Maltless Beverage Sold as a Soft Drink.
Claims use since May 27, 1926.

Ser. No. 249,812. H. C. SCHRANCK COMPANY, Milwaukee, Wis. Filed May 31, 1927.

X-tre

Particular description of goods.—Nonalcoholic, Maltless Beverages Sold as Soft Drinks, and Sirups for Making the Same.
Claims use since Apr. 1, 1918.

Ser. No. 251,853. POLITT & THIAKOR CO., Chicago, Ill. Filed July 11, 1927.

MILITARY

Particular description of goods.—Nonalcoholic, Maltless Beverages Sold as Soft Drinks, and Sirups for Making the Same.
Claims use since Apr. 1, 1927.

Ser. No. 252,187. ROBERT A. BORLAND, doing business as Purity Grape Juice Co., Los Angeles, Calif. Filed July 18, 1927.

CLARET-MIST

The descriptive word "Claret" is disclaimed except as associated with the word "Mist."

Particular description of goods.—Nonalcoholic, Maltless Grape Punch.
Claims use since Feb. 8, 1927.

Ser. No. 253,309. HENRY J. BAUMEISTER, doing business as Kewaunee Bottling Works, Kewaunee, Wis. Filed Aug. 11, 1927.

MARQUETTE CLUB

Particular description of goods.—Carbonated, Nonalcoholic, Noncereal, Maltless Beverages Sold as Soft Drinks—Viz, Ginger Ale, Root Beer, Cream Soda, Champagne Flavor Soda, Chocolate, Grape, Lemon, Orange, Raspberry, Strawberry, and Lime Flavors, and Mineral Water.
Claims use since May, 1926.

Ser. No. 253,549. ROC ARC WATER COMPANY, Little Rock, Ark. Filed Aug. 16, 1927.

Roc-Arc

Particular description of goods.—Distilled Water and Carbonated, Nonalcoholic, Noncereal, Maltless Beverages Sold as Soft Drinks—Viz, Lime, Cherry, Orange, Strawberry, Grape, Cream, and Other Flavors.
Claims use since 1912.

Ser. No. 253,565. BEUCKEL BROS. CO., Los Angeles, Calif. Filed Aug. 17, 1927.

GREENGOLD

Particular description of goods.—Carbonated Beverages. Claims use since Aug. 4, 1927.

Ser. No. 253,671. TRIMONT BOTTLING CO. INC., Boston, Mass. Filed Aug. 18, 1927.

PLEASURE

Particular description of goods.—Ginger Ale. Claims use since Feb. 10, 1927.

Ser. No. 253,772. CHARLES SEGALAS, doing business as Chas. Segalas Company, San Francisco, Calif. Filed Aug. 20, 1927.

HILLSIDE

Particular description of goods.—Nonalcoholic Beverages—Namely, Tamarindo Syrup, Martini Cocktail, Anisette, Grenadine, Crème de Menthe, Apricot Cordial, and Manhattan Cocktail. Claims use since May 17, 1927.

CLASS 46.

FOODS AND INGREDIENTS OF FOODS.

Ser. No. 219,256. NAAMLOOZE VENNOOTSCHAP KONINKLIJKE FABRIEKEN V. H. PAUL C. KAISER, The Hague, Netherlands. Filed Aug. 22, 1925.

PECA

Particular description of goods.—Chocolate Bonbons. Claims use since June 1, 1924.

Ser. No. 227,021. CARL F. KOLBE, doing business as Kolbe Fish & Trading Company, Buffalo, N. Y. Filed Feb. 8, 1926.



Particular description of goods.—Sea Foods—Namely, Fresh, Frozen, Salted, Smoked, Pickled, and Canned Fish. Claims use since Jan. 16, 1926.

Ser. No. 230,932. LAKESIDE PACKING COMPANY, Manitowoc, Wis. Filed Apr. 30, 1926.

KING BIRD

Particular description of goods.—Canned Vegetables. Claims use since Apr. 7, 1911.

Ser. No. 235,998. BROWNLEY'S, INC., Washington, D. C. Filed Aug. 16, 1926.

Farmland Goodies

Particular description of goods.—Candies. Claims use since Aug. 14, 1926.

Ser. No. 236,661. STANDARD BISCUIT CO., San Francisco, Calif. Filed Aug. 30, 1926.



Particular description of goods.—Crackers. Claims use since January, 1897.

Ser. No. 242,508. SPANISH AMERICAN FRUIT COMPANY, INC., Vega Baja, Porto Rico. Filed Jan. 7, 1927.

HEARTS

Particular description of goods.—Canned Grapefruit. Claims use since July, 1920.

Ser. No. 248,261. STROBEL BROS., Salinas, Calif. Filed Apr. 30, 1927.



Particular description of goods.—Fresh Vegetables—Namely, Lettuce, Tomatoes, Squash, Peas; Melons—Namely, Cantaloupes. Claims use since June 1, 1924.

Ser. No. 248,285. DAVIDSON BROTHERS, INC., Glasgow, Bowling Green, and Scottsville, Ky. Filed May 2, 1927.



Particular description of goods.—Canned Fruits, Canned Vegetables, Canned Salmon, Vienna Style Sausage, Potted Meats, Canned Brains, Sliced Dried-Beef, Peanut Butter, and Spices. Claims use since Mar. 1, 1925.

Ser. No. 249,041. I. W. BICKLEY, doing business as A. F. Bickley & Son, Philadelphia, Pa. Filed May 16, 1927.



No claim is made for the exclusive use of the word-ing apart from the mark as shown in the drawing. The drawing is lined for the colors red and blue, but for the purpose of this application no claim is made to any particular color of any portion of the mark.

Particular description of goods.—Oleomargarine. Claims use since Aug. 1, 1917.

Ser. No. 251,571. PASO FOOD PRODUCT COMPANY, Gloucester and Rockport, Mass. Filed July 6, 1927.



No claim is made to the words "Tasty Taters," "The Leader," and "Mighty Nice" apart from the mark shown in the drawing.

Particular description of goods.—Potato Chips. Claims use since June 20, 1927.

Ser. No. 251,633. THE WM. SCHLUDERBERG-T. J. KURDLE Co., Baltimore, Md. Filed July 7, 1927.

CHEEKEE PORKEE

The word "Porkee" is disclaimed apart from the other features of the mark.

Particular description of goods.—Cured Pork, Which After Curing is Placed in a Mold and Cooked, the Same Being Composed of Pig Jowls Prepared in a Mold. Claims use since June 1, 1927.

Ser. No. 252,213. MAILLIARD & SCHMIDEL, San Francisco, Calif. Filed July 18, 1927.



Particular description of goods.—Canned Fish. Claims use since 1915.

Ser. No. 252,688. COLLEGE HEIGHTS ORANGE AND LEMON ASS'N., Claremont, Calif. Filed July 29, 1927.

Basket Ball

Particular description of goods.—Fresh Citrus Fruits—Namely, Oranges, Lemons, Grapefruit. Claims use since Jan. 5, 1917.

Ser. No. 253,032. EDWIN C. MCCULLOUGH, New York, N. Y. Filed Aug. 4, 1927.

KOKO-LAC

Particular description of goods.—Chocolate Milk Drink. Claims use since July 16, 1927.

Ser. No. 253,157. MANHATTAN WHOLESALE GROCERY COMPANY, Providence, R. I. Filed Aug. 6, 1927.

Pilgrim



The figure shown is fanciful.

Particular description of goods.—Canned Baked Beans with Pork, Preserved Fruits, Canned Fruits, Canned Vegetables, Olives in Glass, Vegetable Preserves, Rice, Flavoring Extracts for Food Purposes; Sandwich Spreads

Composed Wholly or in Part of Pickles, Olives, and Mayonnaise; Canned Pimientos, Catsup, Canned Fish, Spices, Vinegar, Salad Dressing, Peanut Butter, Dried Vegetables, Mince-meat, Breakfast Cereals, Horse-Radish, Macaroni, Pickles, Honey, Canned Shellfish, Table Oils, Table Sirups, Canned Chicken, Prepared Mustard, Jellies, Buckwheat Flours, Canned Condensed Milk, Canned Evaporated Milk, Tea, and Chili Sauce.

Claims use since June 25, 1925.

Ser. No. 253,614. WHITEHEAD BROS., Riverside, Calif.
Filed Aug. 17, 1927.

JUNIOR

Particular description of goods.—Eggs.
Claims use since June 1, 1925.

Ser. No. 253,656. OLE SALTHER'S INC., New York, N. Y.
Filed Aug. 18, 1927.



Applicant disclaims any exclusive right to the word "Foods" and to the representation of a hen apart from the mark shown in the drawing.

Particular description of goods.—Dressed Poultry, Butter, and Eggs.

Claims use since Aug. 4, 1927.

Ser. No. 253,683. C. V. NICHOL, doing business as Nichol's Poultry Farm, Monmouth, Ill. Filed Aug. 18, 1927.



The pictorial representation of the chicks and the word "Chix" not being claimed apart from the other features of the mark.

Particular description of goods.—Baby Chicks.

Claims use since July 13, 1927.

Ser. No. 253,793. GUY E. FARMER, doing business as Ice Cream Products Co., Long Beach, Calif. Filed Aug. 22, 1927.

KOLDERPOLE

Particular description of goods.—Bodies of Ice Cream Having a Coating of Edible Substance.

Claims use since July 18, 1927.

Ser. No. 253,843. J. HUNGERFORD SMITH CO., Rochester, N. Y. Filed Aug. 23, 1927.

Fisk-O-Mul

Particular description of goods.—Ice-Cream Body Builder.

Claims use since Aug. 8, 1927.

Ser. No. 253,868. C. R. CHENEY COMPANY, Los Angeles, Calif. Filed Aug. 24, 1927.

Blā Bo

Particular description of goods.—Salad Dressing.

Claims use since Jan. 1, 1927.

CLASS 50.

MERCHANDISE NOT OTHERWISE CLASSIFIED.

Ser. No. 226,669. JOSEPH MATTEI, doing business as Mat-Rac. Co. Chicago, Chicago, Ill. Filed Jan. 30, 1926.

MAT-RAC. CO.

Particular description of goods.—Drainboard Racks of the Sort Used for Draining Dishes in Dish-Washing and Floor-Drainage Racks for Use on Wet Floors Composed Chiefly of Nonmetallic Material.

Claims use since Feb. 26, 1925.

Ser. No. 248,117. MITCHELL-RAND MFG. CO., New York, N. Y. Filed Apr. 28, 1927.



The words "Rubber" and "Seal" are severally disclaimed, and the term "Rubberseal" as a whole is disclaimed apart from the mark shown on the drawing.

Particular description of goods.—Specially Treated, Flexible, and Pliable Asphalt Compound of a Low Susceptibility Factor for the Sealing of Storage Batteries and Other Devices Requiring an Elastic Waterproof Acid and Alkali Resisting Steel of High Dielectric Strength.

Claims use since Sept. 28, 1926.

Ser. No. 252,596. EMPIRE METAL CAP CO., INC., Brooklyn, N. Y. Filed July 27, 1927.

SUR OFF

Particular description of goods.—Sheet-Metal Caps for Bottles and Jars.

Claims use since about Mar. 1, 1926.

Ser. No. 252,815. BELLE CITY INCUBATOR COMPANY, Racine, Wis. Filed Aug. 1, 1927.

Champion Belle City

Particular description of goods.—Incubators and Brooders.

Claims use since November, 1899.

Ser. No. 253,049. SARA A. SCHMITT, doing business as Shenango Valley Awning Company, Sharpsville, Pa. Filed Aug. 4, 1927.

DUCK THE SUN

Particular description of goods.—Awnings, Tents, and Tarpaulins.

Claims use since on or about July 2, 1926.

363 O. G.—3

Ser. No. 253,177. AMERICAN STEEL PRODUCTS CO., Macomb, Ill. Filed Aug. 8, 1927.



The crosshatching in the drawing denotes gold and the vertical lining denotes red.

Particular description of goods.—Poultry Supplies—Namely, Incubators, Brooders, Chicken Feeders, and Poultry Fountains.

Claims use since about Jan. 2, 1927.

TRADE-MARK REGISTRATIONS GRANTED

[ACT OF FEBRUARY 20, 1905.]

OCTOBER 4, 1927.

233,493. WATCH MOVEMENTS. JACOB GOLDBERG, doing business as Ormont Watch Company, New York, N. Y.
Filed March 2, 1927. Serial No. 245,091. PUBLISHED JULY 26, 1927. Class 27.

233,494. RUSTPROOFING MATERIAL IN THE NATURE OF A VARNISH. URNER & GERBER, Elizabeth, N. J.
Filed April 13, 1927. Serial No. 247,401. PUBLISHED JULY 26, 1927. Class 16.

233,495. GENERATOR-BRUSH HOLDERS, BATTERY CABLES, GENERATOR HOUSINGS, GENERATOR BRACKETS, BATTERY-POST CLAMPS, TIMER HOUSINGS, INSULATED WIRE, AND SPARK-PLUG LEAD WIRES. ROGER G. LAPITE, doing business as Automotive Manufacturing Company, Kansas City, Mo.
Filed April 13, 1927. Serial No. 247,376. PUBLISHED JULY 26, 1927. Class 21.

233,496. KNITTED SILK GOODS IN THE PIECE. CHOPAK TEXTILE CO., INC., New York, N. Y.
Filed April 11, 1927. Serial No. 247,261. PUBLISHED JULY 26, 1927. Class 42.

233,497. TOY WAGONS, TOY CARTS, TOY AUTOMOBILES, TOY ENGINES, TOY CARS, TOY BOATS, AND TOY AEROPLANES. ELIZABETH H. CREIN, Harrison, N. J.
Filed April 9, 1927. Serial No. 247,169. PUBLISHED JULY 19, 1927. Class 22.

233,498. WOOLEN TEXTILE FABRICS IN THE PIECE. THE ATLANTIC MILLS, Olneyville, R. I., and Stottville, N. Y.
Filed April 8, 1927. Serial No. 247,117. PUBLISHED JULY 26, 1927. Class 42.

233,499. DRY-EARTH PIGMENTS FOR USE PARTICULARLY IN PAINTS. REICHARD-COLESTON INC., New York, N. Y.
Filed April 7, 1927. Serial No. 247,099. PUBLISHED JULY 26, 1927. Class 16.

233,500. NONALCOHOLIC, MALTLESS BEVERAGE SOLD AS A SOFT DRINK—VIZ. GINGER ALE. PALMER BOTTLING COMPANY, Philadelphia, Pa.
Filed April 2, 1927. Serial No. 246,845. PUBLISHED JULY 12, 1927. Class 45.

233,501. ELECTRIC TREATING PADS. SPINAL-MAGNETO CO., San Diego, Calif.
Filed April 4, 1927. Serial No. 246,936. PUBLISHED JULY 12, 1927. Class 45.

233,502. GINGER ALE, ROOT BEER, CARBONATED WATER, AND SASSAPARILLA. WATKESHA SULLIVAN WATER COMPANY, Waukesha, Wis.
Filed April 1, 1927. Serial No. 246,792. PUBLISHED JULY 12, 1927. Class 45.

233,503. NONALCOHOLIC, MALTLESS BEVERAGES SOLD AS SOFT DRINKS. CHABRO GESSELLSCHAFT M. H. Nuremberg, Germany.
Filed April 2, 1927. Serial No. 246,815. PUBLISHED JULY 19, 1927. Class 45.

233,504. REFINED, SEMIREFINED, AND UNREFINED OILS MADE FROM PETROLEUM BOTH WITH AND WITHOUT ADMIXTURE OF ANIMAL, VEGETABLE, OR MINERAL SUBSTANCES FOR ILLUMINATING, BURNING, POWER, SOLVENT, FUEL, AND LUBRICATING PURPOSES, AND LUBRICATING GREASES. STANDARD OIL COMPANY (NEW JERSEY), Bayonne, N. J.
Filed March 31, 1927. Serial No. 246,717. PUBLISHED JULY 26, 1927. Class 15.

233,505. REFINED, SEMIREFINED, AND UNREFINED OILS MADE FROM PETROLEUM BOTH WITH AND WITHOUT ADMIXTURE OF ANIMAL, VEGETABLE, OR MINERAL SUBSTANCES FOR ILLUMINATING, BURNING, POWER, SOLVENT, FUEL, AND LUBRICATING PURPOSES, AND LUBRICATING GREASES. STANDARD OIL COMPANY (NEW JERSEY), Bayonne, N. J.
Filed March 31, 1927. Serial No. 246,718. PUBLISHED JULY 26, 1927. Class 15.

233,506. MATCHES. JÖNKÖPINGS OCH VULCANS TÄNDSTICKSFABRIKSÄKTIEBOLAG, Jonköping, Sweden.
Filed March 28, 1927. Serial No. 246,210. PUBLISHED JULY 26, 1927. Class 9.

233,507. ELECTRIC CONTROLS FOR ELECTRIC SWITCHES, TEMPERATURE-OPERATED ELECTRIC SWITCHES, PRESSURE-OPERATED ELECTRIC SWITCHES, AND PARTS THEREOF. THE FEDERAL GAUGE COMPANY, Chicago, Ill.
Filed March 28, 1927. Serial No. 246,471. PUBLISHED JULY 26, 1927. Class 21.

233,508. JELLIES, JAMS, FRUITS IN GLASS, CANNED FRUITS, ETC. MITCHELL FLETCHER COMPANY, Philadelphia, Pa., and Atlantic City, N. J.
Filed March 22, 1927. Serial No. 246,173. PUBLISHED JULY 19, 1927. Class 46.

233,509. AUTOMATIC PROJECTING ADVERTISING MACHINES. TRANS-LUX DAYLIGHT PICTURE SCREEN CORPORATION, New York, N. Y.
Filed March 3, 1927. Serial No. 245,167. PUBLISHED JULY 26, 1927. Class 26.

233,510. FILES. CARVER FILE COMPANY, doing business as Delta File Works, Philadelphia, Pa.
Filed March 11, 1927. Serial No. 245,532. PUBLISHED JULY 26, 1927. Class 23.

233,511. ELECTROMAGNETIC BELTS FOR THERAPEUTIC PURPOSES. EARL C. FAIRMER, doing business as The Magnuco Company, San Francisco, Calif.
Filed March 16, 1927. Serial No. 245,835. PUBLISHED JULY 26, 1927. Class 44.

233,512. WOMEN'S HATS. ADELE LEVENE, New York, N. Y.
Filed March 22, 1927. Serial No. 246,168. PUBLISHED JULY 19, 1927. Class 39.

233,513. ELECTRICALLY-OPERATED LIGHTERS AND DISPENSERS FOR CIGARS, CIGARETTES, AND THE LIKE. AMERICAN METAL PRODUCTS CORPORATION, San Francisco, Calif.
Filed May 11, 1927. Serial No. 248,804. PUBLISHED JULY 26, 1927. Class 21.

233,514. WOOLEN PIECE GOODS. FORSTMAN & HUFFMANN COMPANY, Passaic, N. J.
Filed May 10, 1927. Serial No. 248,764. PUBLISHED JULY 26, 1927. Class 42.

233,515. CIGARS. THE POSTAL CIGAR COMPANY, Miami, Fla.
Filed May 9, 1927. Serial No. 248,722. PUBLISHED JULY 19, 1927. Class 17.

233,516. GASOLINE, KEROSENE, LUBRICATING OILS, LUBRICATING GREASES, FUEL OILS, PETROLEUM DISTILLATE, AND MOTOR FUELS, THE PRINCIPAL CONSTITUENT OF WHICH IS GASOLINE. ARBUTHNOT OIL COMPANY, Picher, Okla.
Filed May 14, 1927. Serial No. 248,983. PUBLISHED JULY 26, 1927. Class 15.

OCTOBER 4, 1927

U. S. PATENT OFFICE.

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233,517. INTERNAL-COMBUSTION ENGINES, ETC., AND PARTS. CONTINENTAL MOTORS CORPORATION, Detroit and Muskegon, Mich.
Filed May 9, 1927. Serial No. 248,675. PUBLISHED JULY 26, 1927. Class 23.

233,518. BOWS, ARROWS, QUIVERS, AND ARM GUARDS. PHILLIP ROUNSEVELLE, doing business as The Archers Company, Pinehurst, N. C.
Filed May 7, 1927. Serial No. 248,650. PUBLISHED JULY 19, 1927. Class 22.

233,519. ELECTRICALLY-DRIVEN LIQUID MIXERS AND ELECTRICAL FANS. UNITED ELECTRICAL MANUFACTURING COMPANY, Adrian, Mich.
Filed May 7, 1927. Serial No. 248,658. PUBLISHED JULY 26, 1927. Class 21.

233,520. ORNAMENTAL DEVICES AND CHRISTMAS-TREE ORNAMENTS—NAMELY, REFLECTORS. BRODERICK-SON-OF-RAYMOND COMPANY, Minneapolis, Minn.
Filed April 23, 1927. Serial No. 247,884. PUBLISHED JULY 12, 1927. Class 22.

233,521. RAYON YARN (ARTIFICIAL SILK OR MIXTURES OF ARTIFICIAL SILK AND OTHER FIBERS). S. & H. DYEING CO., INC., West New York, N. J.
Filed April 21, 1927. Serial No. 247,823. PUBLISHED JULY 26, 1927. Class 43.

233,522. HAIR TONIC. ADELAIDE ORTEGAT, doing business as Parfumerie de Boor, Paris, France.
Filed April 20, 1927. Serial No. 247,748. PUBLISHED JULY 26, 1927. Class 6.

233,523. SKIN TONIC. ADELAIDE ORTEGAT, doing business as Parfumerie de Boor, Paris, France.
Filed April 20, 1927. Serial No. 247,747. PUBLISHED JULY 26, 1927. Class 6.

233,524. READY-MIXED PAINTS AND VARNISHES. VARNISH PRODUCTS CO., Brooklyn, N. Y.
Filed April 16, 1927. Serial No. 247,581. PUBLISHED JULY 26, 1927. Class 16.

233,525. MALTLESS EXTRACT USED IN THE PREPARATION OF SOFT DRINKS. JOSEPH WHEWELL, Burnley, England.
Filed April 13, 1927. Serial No. 247,402. PUBLISHED JULY 12, 1927. Class 45.

233,526. JEWELRY FOR PERSONAL USE OR ADORNMENT CONSISTING OF FINGER RINGS, EARRINGS, BRACELETS, PENDANTS, NECKLACES, WATCH BRACELETS, BAGS, BROOCHES, BUCKLES, BAR PINS, AND CUFF LINKS, LONG-NETTES, STUDS, SCARFPINS, HAT-PINS, VEST BUTTONS, AND HANDY PIN MADE OF OR PLATED WITH PRECIOUS METAL. ORESTE PENNINO, doing business as Pennino Brothers, New York, N. Y.
Filed May 6, 1927. Serial No. 248,590. PUBLISHED JULY 26, 1927. Class 28.

233,527. BANJOS AND STRINGS, BRIDGES, TAIL PIECES, PICKS, AND RESONATORS THEREFOR; BANJO UKULELES AND STRINGS, BRIDGES, TAIL PIECES, PICKS, AND RESONATORS THEREFOR; BANJO MANDOLINS AND STRINGS, BRIDGES, TAIL PIECES, AND PICKS THEREFOR; MANDOLINS AND STRINGS, BRIDGES, TAIL PIECES, AND PICKS THEREFOR; LUTES AND STRINGS, BRIDGES, TAIL PIECES, AND PICKS THEREFOR; AND GUITARS AND STRINGS, BRIDGES, TAIL PIECES, AND PICKS THEREFOR. WILLIAM L. LANGE, New York, N. Y.
Filed May 7, 1927. Serial No. 248,638. PUBLISHED JULY 26, 1927. Class 36.

233,528. GOLD ALLOYS FOR DENTAL PURPOSES. THE J. M. NEY COMPANY, Hartford, Conn.
Filed May 6, 1927. Serial No. 248,589. PUBLISHED JULY 26, 1927. Class 44.

233,529. GOLD ALLOYS FOR DENTAL PURPOSES. THE J. M. NEY COMPANY, Hartford, Conn.
Filed May 6, 1927. Serial No. 248,588. PUBLISHED JULY 26, 1927. Class 44.

233,530. PILLS FOR RELIEVING HEADACHE, BILIOUSNESS, LIVER AND KIDNEY TROUBLE, INDIGESTION, JAUNDICE, AND CONSTIPATION; MEDICINES FOR TREATING COUGHS, COLDS, CATARRH, NERVES, AND LIVER; LINIMENT FOR TREATING CUTS AND WOUNDS, HIVES, BURNS, AND IRRITATIONS OF THE SKIN; MOUTH WASHES; AND PLASTERS FOR USE IN RELIEVING BACKACHE. EDMANSON, BATES & CO. LTD., Toronto, Ontario, Canada.
Filed May 5, 1927. Serial No. 248,480. PUBLISHED JULY 26, 1927. Class 6.

233,531. BRICK. ACME BRICK COMPANY, Danville, Ill.
Filed May 4, 1927. Serial No. 248,386. PUBLISHED JULY 5, 1927. Class 12.

233,532. STRINGS FOR VIOLINS AND SIMILAR MUSICAL INSTRUMENTS. MULLER & KAPLAN, New York, N. Y.
Filed May 7, 1927. Serial No. 248,645. PUBLISHED JULY 26, 1927. Class 36.

233,533. BRICK. ACME BRICK COMPANY, Danville, Ill.
Filed May 4, 1927. Serial No. 248,383. PUBLISHED JULY 5, 1927. Class 12.

233,534. CANNED FRUITS, CANNED VEGETABLES, AND CANNED CONDENSED MILK. MCCLINTOCK-TRUNKY CO., Spokane, Wash.
Filed May 2, 1927. Serial No. 248,311. PUBLISHED JULY 19, 1927. Class 46.

233,535. PORTABLE ELECTRIC BENCH MACHINES CONSISTING OF PORTABLE ELECTRIC BAND SAWS, PORTABLE ELECTRIC RIPSAWS, PORTABLE ELECTRIC SWING SAWS, PORTABLE ELECTRIC JOINTERS, PORTABLE ELECTRIC WOOD LATHES, PORTABLE ELECTRIC BENCH GRINDERS. HESTON & ANDERSON, Fairfield, Iowa.
Filed May 2, 1927. Serial No. 248,298. PUBLISHED JULY 26, 1927. Class 21.

233,536. ELECTRIC CONTROLS FOR ELECTRIC SWITCHES, TEMPERATURE-OPERATED ELECTRIC SWITCHES, PRESSURE-OPERATED ELECTRIC SWITCHES, AND PARTS THEREOF. THE FEDERAL GAUGE COMPANY, Chicago, Ill.
Filed May 2, 1927. Serial No. 248,294. PUBLISHED JULY 26, 1927. Class 21.

233,537. BEVERAGES—NAMELY, STILL WATER, CARBONATED WATER, AND GINGER ALE. THE MOUNTAIN VALLEY SPRINGS COMPANY, Hot Springs, Ark.
Filed April 28, 1927. Serial No. 248,120. PUBLISHED JULY 12, 1927. Class 45.

233,538. BEVERAGES—NAMELY, STILL WATER, CARBONATED WATER, AND GINGER ALE. THE MOUNTAIN VALLEY SPRINGS COMPANY, Hot Springs, Ark.
Filed April 28, 1927. Serial No. 248,119. PUBLISHED JULY 12, 1927. Class 45.

233,539. BEVERAGES—NAMELY, STILL WATER, CARBONATED WATER, AND GINGER ALE. THE MOUNTAIN VALLEY SPRINGS COMPANY, Hot Springs, Ark.
Filed April 28, 1927. Serial No. 248,118. PUBLISHED JULY 12, 1927. Class 45.

233,540. PERFUMES, TOILET WATER, TOILET POWDERS, FACE AND TALCUM POWDERS, COSMETIC CREAMS, BATH SALTS, SACHETS, HAIR TONIC, MENTHOLENE BALM, DEPILOYATORY, SHAMPOO, SCALP SALVE, FACE AND LIP ROUGES, LIQUID AND PASTE FORM. RAQUEL INCORPORATED, New York, N. Y.
Filed May 20, 1927. Serial No. 249,294. PUBLISHED JULY 26, 1927. Class 6.

- 233,541. NONALCOHOLIC, MALTLESS, IMITATION FRUIT-FLAVORED SIRUPS FOR SOFT DRINKS AND SODA WATER. THOMAS C. CORBITT, Washington, D. C.
Filed May 20, 1927. Serial No. 249,264. PUBLISHED JULY 19, 1927. Class 45.
- 233,542. CARBONATED, NONALCOHOLIC, NON-CEREAL MALTLESS BEVERAGES SOLD AS SOFT DRINKS. G. E. TUCKER, doing business as Sportsman's Club Bev. Co., El Dorado Springs, Mo.
Filed May 19, 1927. Serial No. 249,247. PUBLISHED JULY 12, 1927. Class 45.
- 233,543. CARBONATED, NONALCOHOLIC, NON-CEREAL MALTLESS BEVERAGES SOLD AS SOFT DRINKS. BERKELEY SPRINGS BOTTLING CO., Inc., Berkeley Springs, W. Va.
Filed May 19, 1927. Serial No. 249,211. PUBLISHED JULY 12, 1927. Class 45.
- 233,544. VARNISHES, READY-MIXED PAINTS, PAINT ENAMELS, PREPARED SHELLACS READY FOR USE, VARNISH REMOVER, FLOOR OIL, AND WOOD STAINS. GEORGE M. JOHNSON, doing business as Pilot Paint & Varnish Co., Chicago, Ill.
Filed May 18, 1927. Serial No. 249,177. PUBLISHED JULY 26, 1927. Class 16.
- 233,545. SENSITIZED PHOTOGRAPHIC DEVELOPING PAPERS. THE HALOID COMPANY, Rochester, N. Y.
Filed May 18, 1927. Serial No. 249,172. PUBLISHED JULY 26, 1927. Class 26.
- 233,546. A SPECIALLY TREATED OIL USED TO PREPARE ALL KINDS OF TEXTILE MATERIALS FOR LUBRICANT AND DYE PENETRANT. H. & B. TEXTILE CHEMICAL CORPORATION, New York, N. Y.
Filed May 18, 1927. Serial No. 249,171. PUBLISHED JULY 26, 1927. Class 6.
- 233,547. PREPARATION FOR STIFFENING ANIMAL TEXTILE MATERIAL. H. & B. TEXTILE CHEMICAL CORPORATION, New York, N. Y.
Filed May 18, 1927. Serial No. 249,170. PUBLISHED JULY 26, 1927. Class 6.
- 233,548. CHEMICAL PREPARATION DESIGNED AS A CURATIVE AND PREVENTIVE OF RUST AND CORROSION. THE BIRD-ARCHER COMPANY, New York, N. Y.
Filed May 17, 1927. Serial No. 249,110. PUBLISHED JULY 26, 1927. Class 6.
- 233,549. SEMILIQUID PAINTS. A. SARTORIUS & CO. INC., New York, N. Y.
Filed May 10, 1927. Serial No. 248,800. PUBLISHED JULY 26, 1927. Class 16.
- 233,550. CREAMS, LIQUIDS, PASTES, POWDERS, AND SOLID SUBSTANCES FOR BEAUTIFYING AND PRESERVING THE TEETH, NAILS, SKIN, HAIR, AND BODY GENERALLY, DEPILOTORIES, DEODORANTS, AND PERFUMERY. THE MAY DEPARTMENT STORES COMPANY, Los Angeles, Calif.
Filed May 16, 1927. Serial No. 249,079. PUBLISHED JULY 26, 1927. Class 6.
- 233,551. ENGINE-DRIVEN FIRE APPARATUS. AMERICAN LAFRANCE FIRE ENGINE COMPANY, INC., Elmira, N. Y.
Filed May 17, 1927. Serial No. 249,109. PUBLISHED JULY 26, 1927. Class 23.
- 233,552. ELECTRICAL RECEPTACLES, ELECTRIC LIGHTING FIXTURES, AND PARTS THEREOF. PASS & SEYMOUR, INC., Solvay Station, Syracuse, N. Y.
Filed May 14, 1927. Serial No. 249,019. PUBLISHED JULY 26, 1927. Class 21.
- 233,553. OIL-WELL DRIVES AND COUNTERWEIGHTED DISKS ON THE DRIVE. LINK-BELT COMPANY, Chicago, Ill.
Filed June 13, 1927. Serial No. 250,465. PUBLISHED JULY 26, 1927. Class 23.

- 233,554. CRUSHED FRUITS, SUNDAES, AND TOPPINGS FOR ICE CREAM. H. BARON & CO. INC., New York, N. Y.
Filed January 13, 1926. Serial No. 225,863. PUBLISHED JULY 19, 1927. Class 46.
- 233,555. MALTLESS FLAVORINGS AND FLAVORING EXTRACTS FOR USE IN THE MAKING OF BEVERAGES SOLD AS SOFT DRINKS. STAR EXTRACT WORKS, INC., New York, N. Y.
Filed February 23, 1923. Serial No. 176,510. PUBLISHED JULY 19, 1927. Class 45.
- 233,556. TOILET PREPARATIONS—NAMELY, HAIR-REMOVING WAX OR DEPILOTORY. WILFRED LABORATORIES, INC., New York, N. Y.
Filed May 22, 1926. Serial No. 232,107. PUBLISHED JULY 26, 1927. Class 6.
- 233,557. CANNED FISH. JOHN BRAADLAND LTD., also doing business as Venus Packing Co., Stavanger, Norway, and Boston, Mass.
Filed August 20, 1924. Serial No. 201,646. PUBLISHED AUGUST 11, 1925. Class 46.
- 233,558. AUTOMATIC COIN-CONTROLLED BEVERAGE DISPENSING AND VENDING MACHINES. AUTOMATIC SODA DISPENSING CORPORATION, Philadelphia, Pa.
Filed May 20, 1926. Serial No. 231,895. PUBLISHED JULY 26, 1927. Class 23.
- 233,559. CERTAIN NAMED FOOD PRODUCTS. SQUIRE DINGER COMPANY, Chicago, Ill.
Filed March 15, 1926. Serial No. 228,672. PUBLISHED JULY 19, 1927. Class 46.
- 233,560. GINGER ALE, A NONALCOHOLIC, NON-CEREAL MALTLESS BEVERAGE SOLD AS A SOFT DRINK, AND SIRUP FOR MAKING SAME. ISRAEL LEVINSON, doing business as Royal Bottling Co., Brooklyn, N. Y.
Filed June 11, 1925. Serial No. 215,637. PUBLISHED OCTOBER 19, 1926. Class 45.
- 233,561. ROAD SCRAPERS, ROAD ROLLERS, ROCK CRUSHERS, GARDEN, LAWN, AND FIELD ROLLERS, MACHINES FOR HANDLING AND SCREENING STONE, ORE, AND COAL, BINS, WASH BOXES, APRON FEEDERS, PORTABLE ROCK CRUSHERS, BUCKET ELEVATORS, CONVEYERS, WINDING HOISTING DRUMS. AMERICAN ROAD MACHINERY COMPANY, Kennett Square, Pa.
Filed March 10, 1926. Serial No. 228,398. PUBLISHED JULY 26, 1927. Class 23.
- 233,562. WOOLEN DRESS GOODS IN THE PIECE. THE ATLANTIC MILLS, Olneyville, R. I.
Filed December 17, 1925. Serial No. 224,790. PUBLISHED APRIL 6, 1926. Class 42.
- 233,563. GINGER ALE, EXTRACTS AND SIRUPS USED IN MAKING THE SAME. BLUE SEAL EXTRACT CO., Cambridge, Mass.
Filed June 14, 1927. Serial No. 250,487. PUBLISHED JULY 19, 1927. Class 45.
- 233,564. POTTERY AND PORCELAIN. PICKARD STUDIOS, INCORPORATED, Chicago, Ill.
Filed January 25, 1926. Serial No. 226,573. PUBLISHED JULY 26, 1927. Class 39.
- 233,565. WOOLEN DRESS GOODS—NAMELY, WORSTEDS IN THE PIECE. THE ATLANTIC MILLS, Olneyville, R. I.
Filed December 17, 1925. Serial No. 224,798. PUBLISHED APRIL 6, 1926. Class 42.
- 233,566. ELECTRICALLY-OPERATED SCRIBE SAWS AND HAM MARKERS. H & H SCRIBE SAW COMPANY, Detroit, Mich.
Filed February 16, 1926. Serial No. 227,348. PUBLISHED JULY 26, 1927. Class 21.
- 233,567. NONALCOHOLIC MALTLESS BEVERAGE SOLD AS A SOFT DRINK AND EXTRACT FOR MAKING SAME. THE MIL-COA COMPANY, Cincinnati, Ohio.
Filed December 26, 1925. Serial No. 223,198. PUBLISHED OCTOBER 26, 1926. Class 45.

- 233,568. DETERGENT AND POLISHING LIQUIDS FOR WOODWORK, METAL, AND ENAMELED SURFACES. BUFFALO SPECIALTY COMPANY, now by change of name to Liquid Veneer Corporation, Buffalo, N. Y.
Filed January 16, 1926. Serial No. 225,995. PUBLISHED JULY 26, 1927. Class 16.
- 233,569. DECORATED HANDKERCHIEFS. MOTTE-DE-VEAN, INC., San Francisco, Calif.
Filed December 30, 1925. Serial No. 225,313. PUBLISHED JULY 26, 1927. Class 42.
- 233,570. COFFEE, SPICES, RICE, TAPIOCA, AND HERBS AND SEEDS FOR SEASONING FOODS. KIRKPATRICK BROS., Scranton, Pa.
Filed June 5, 1926. Serial No. 232,784. PUBLISHED AUGUST 24, 1926. Class 46.
- 233,571. PLAYING CARDS, BASEBALL BATS, TOY CANES, DOLLS, TOY BALLOONS, TOY RADIO SETS, KITES, TOY PISTOLS, HORNS, POPGUNS, TOY CARTS, WHEELBARROWS, AND PUZZLES. THE MOXIE COMPANY, Boston, Mass.
Filed May 17, 1926. Serial No. 231,747. PUBLISHED JULY 19, 1927. Class 22.
- 233,572. KITCHEN TABLE TOPS. KOMPASS & STOLL COMPANY, INC., Niles, Mich.
Filed May 24, 1926. Serial No. 232,139. PUBLISHED JULY 26, 1927. Class 32.
- 233,573. LUBRICATING OIL. INTERNATIONAL HARVESTER COMPANY, Chicago, Ill.
Filed June 30, 1926. Serial No. 233,935. PUBLISHED JULY 26, 1927. Class 15.
- 233,574. WOOLEN PIECE GOODS. WILLIAM RICHARD BRADSHAW, New York, N. Y.
Filed July 3, 1926. Serial No. 234,077. PUBLISHED AUGUST 10, 1926. Class 42.
- 233,575. WIRE ROPE DRILLING CABLES. BRODERICK & BASCOM ROPE COMPANY, St. Louis, Mo.
Filed August 9, 1926. Serial No. 235,729. PUBLISHED JULY 26, 1927. Class 7.
- 233,576. TALKING MACHINES, TALKING-MACHINE RECORDS, SOUND BOXES OR REPRODUCERS FOR TALKING MACHINES, AND TALKING-MACHINE NEEDLES. SOCIETA ITALIANA DI FONOTIPIA, Milan, Italy.
Filed November 27, 1926. Serial No. 240,688. PUBLISHED JULY 26, 1927. Class 36.
- 233,577. AN OUTDOOR BALL GAME PLAYED WITH A HAND BALL AND GOAL EQUIPMENT. RED POPPY MFG. CO., Newark, N. J.
Filed December 4, 1926. Serial No. 241,001. PUBLISHED JULY 19, 1927. Class 22.
- 233,578. ELECTRIC COFFEE AND TEA POTS AND PERCOLATORS, ELECTRIC DISHWASHING MACHINES, ELECTRIC VACUUM CLEANERS, ELECTRIC BROTHERS, ELECTRIC COOKERS AND ATMOSPHERIC ELECTRIC HEATERS, STOVES AND LAMPS, ELECTROLIERS, AND RADIO RECEIVING, DETECTING, AND TRANSMITTING APPARATUS AND PARTS THEREOF COMPRISING RADIO RECEIVING SETS, LOUD SPEAKERS, AERIAL LOOPS, AMPLIFIERS CONSISTING OF ELECTRON TUBES, VACUUM TUBES, GRID LEAKS, HEAD PHONES AND RADIO TRANSMITTING SETS AND PARTS THEREOF. THE BUCKLEY, NEWHALL COMPANY, New York, N. Y.
Filed December 7, 1926. Serial No. 241,084. PUBLISHED JULY 26, 1927. Class 21.
- 233,579. ELECTRIC CONTROLS FOR ELECTRIC SWITCHES, TEMPERATURE-OPERATED ELECTRIC SWITCHES, PRESSURE-OPERATED ELECTRIC SWITCHES, AND PARTS THEREOF. THE FEDERAL GAUGE COMPANY, Chicago, Ill.
Filed December 22, 1926. Serial No. 241,814. PUBLISHED JULY 26, 1927. Class 21.
- 233,580. WATCHES, WATCH PARTS, WATCH CASES, STANDING OR HANGING SMALL CLOCKS, CLOCKS, AND CLOCK PARTS. DIDISHEIM-GOLDSCHMIDT FILS ET CIE., FABRIQUE JUVENIA, La Chaux-de-Fonds, Switzerland.
Filed December 24, 1926. Serial No. 241,936. PUBLISHED JULY 26, 1927. Class 27.
- 233,581. ELECTRIC FLATIRONS. CHICAGO FLEXIBLE SHAFT COMPANY, Chicago, Ill.
Filed December 29, 1926. Serial No. 242,091. PUBLISHED JULY 26, 1927. Class 21.
- 233,582. VARNISHES, FIRST COATERS, PAINT ENAMELS, AND LACQUERS. THE SHERWIN-WILLIAMS COMPANY, Cleveland, Ohio.
Filed December 21, 1922. Serial No. 173,679. PUBLISHED JULY 26, 1927. Class 16.
- 233,583. CIGARETTES. SPEROS ANDELENIS, New York, N. Y.
Filed April 30, 1926. Serial No. 230,910. PUBLISHED JULY 19, 1927. Class 17.
- 233,584. FINELY-GROUND CLEAR GRAY IRON WITH WHICH AN OXIDIZING AGENT HAS BEEN MIXED AND IS USED FOR WATERPROOFING BRICK, STONE, TILE, AND CONCRETE STRUCTURES BY MIXING SAME WITH WATER AND APPLYING THE MIXTURE TO SURFACES TO BE WATERPROOFED. CONTRACT WATERPROOFING COMPANY, St. Louis, Mo.
Filed February 28, 1927. Serial No. 244,987. PUBLISHED JULY 5, 1927. Class 12.
- 233,585. ROLLERS FOR PRINTING PRESSES, LITHOGRAPHIC PRESSES, LACQUERING MACHINES, AND SIMILAR DEVICES WHERE INK, EITHER FOR WRITING OR PRINTING, IS TRANSMITTED. IDEAL ROLLER AND MANUFACTURING COMPANY, Chicago, Ill.
Filed February 16, 1927. Serial No. 244,447. PUBLISHED JULY 26, 1927. Class 23.
- 233,586. PREPARATION FOR THE RELIEF OF HEADACHE, NEURALGIA, RHEUMATISM, LUMBAGO, LARYNGITIS, CATARRH, SORE THROAT, COLD IN HEAD, AND INSECT BITES. WILBUR A. MAHONEY, Jacksonville, Fla.
Filed February 16, 1927. Serial No. 244,456. PUBLISHED JULY 26, 1927. Class 6.
- 233,587. CASING CLAMPS. WILBUR C. NORRIS, Tulsa, Okla.
Filed February 11, 1927. Serial No. 244,236. PUBLISHED JULY 26, 1927. Class 23.
- 233,588. SANITARY BELTS. AI ISHII, Sacramento, Calif.
Filed December 6, 1926. Serial No. 241,057. PUBLISHED JULY 26, 1927. Class 44.
- 233,589. TALCUM POWDERS, FACE POWDERS, BATH SALTS, TOOTH POWDERS, SACHET POWDERS, ALMOND MEAL, TOILET WATER, HEADACHE COLOGNE, SMELLING SALTS, VANISHING CREAM, COLD CREAM, TOOTH PASTE, ROUGE, PERFUMES, LIP ROUGE, BATH POWDER, TOILET CEREATE, AND SKIN AND TISSUE CREAM. ALFRED WRIGHT, PERFUMER, INC., New York, N. Y.
Filed November 2, 1926. Serial No. 239,606. PUBLISHED JULY 26, 1927. Class 6.
- 233,590. TOOTH PASTE, LIQUID DISINFECTANT, LIQUID FOR NASAL AND THROAT SPRAY, SALVE PREPARATION FOR CATARRH, SALVE PREPARATION FOR ECZEMA, SALVE PREPARATION FOR HEMORRHOIDS, AND LIQUID PREPARATION FOR ASTHMA. MARIE K. WOLVERTON, doing business as Riddo-Girms Chemical Company, Detroit, Mich.
Filed October 19, 1926. Serial No. 238,883. PUBLISHED JULY 26, 1927. Class 6.

- 233,591. SANITARY NAPKINS. THE HOSPITAL SPECIALTY CO., Cleveland, Ohio.
Filed August 11, 1926. Serial No. 235,817. PUBLISHED JULY 26, 1927. Class 44.
- 233,592. MECHANICAL AND AUTOMATIC STROPPERS. QUALITY SPECIALTY MFG. CO., St. Paul, Minn.
Filed July 3, 1926. Serial No. 234,150. PUBLISHED JULY 26, 1927. Class 23.
- 233,593. PIECE GOODS OF COTTON OR RAYON. KENDALL MILLS INC., Walpole, Mass.
Filed June 2, 1927. Serial No. 249,909. PUBLISHED JULY 26, 1927. Class 42.
- 233,594. NONALCOHOLIC, MALTLESS BEVERAGES SOLD AS SOFT DRINKS AND SIRUPS AND EXTRACTS FOR MAKING THE SAME, INCLUDING CARBONATED BEVERAGES. BRUNKE BROS., Chicago, Ill.
Filed June 3, 1927. Serial No. 249,945. PUBLISHED JULY 19, 1927. Class 45.
- 233,595. NOVELTY TOYS—NAMELY, MINIATURE TOILET SETS, INCLUDING TOILET BOWLS, SEATS, AND COVERS. IRVING H. FISHELOV, doing business as H. Fishelov & Co., Chicago, Ill.
Filed June 3, 1927. Serial No. 249,963. PUBLISHED JULY 19, 1927. Class 22.
- 233,596. PLASTIC PAINT. JOHN LUCAS & CO., INC., Philadelphia, Pa.
Filed June 3, 1927. Serial No. 249,975. PUBLISHED JULY 26, 1927. Class 16.
- 233,597. GLAZING LIQUID AND MIXING OIL FOR PAINT. JOHN LUCAS & CO., INC., Philadelphia, Pa.
Filed June 3, 1927. Serial No. 249,976. PUBLISHED JULY 26, 1927. Class 16.
- 233,598. PREPARATION FOR EXPELLING WORMS FROM HOGS AND FOR THE TREATMENT OF PNEUMONIA IN HOGS. HARRY M. LUX, doing business as Cornhusker Hog Remedy Co., Lincoln, Nebr.
Filed June 3, 1927. Serial No. 249,977. PUBLISHED JULY 26, 1927. Class 6.
- 233,599. SMOKING AND CHEWING TOBACCO. BROWN & WILLIAMSON TOBACCO CORPORATION, Winston-Salem, N. C.
Filed June 11, 1927. Serial No. 250,372. PUBLISHED JULY 19, 1927. Class 17.
- 233,600. SMOKING AND CHEWING TOBACCO. BROWN & WILLIAMSON TOBACCO CORPORATION, Winston-Salem, N. C.
Filed June 11, 1927. Serial No. 250,373. PUBLISHED JULY 19, 1927. Class 17.
- 233,601. SMOKING AND CHEWING TOBACCO. BROWN & WILLIAMSON TOBACCO CORPORATION, Winston-Salem, N. C.
Filed June 11, 1927. Serial No. 250,374. PUBLISHED JULY 19, 1927. Class 17.
- 233,602. SMOKING AND CHEWING TOBACCO. BROWN & WILLIAMSON TOBACCO CORPORATION, Winston-Salem, N. C.
Filed June 11, 1927. Serial No. 250,376. PUBLISHED JULY 19, 1927. Class 17.
- 233,603. SMOKING AND CHEWING TOBACCO. BROWN & WILLIAMSON TOBACCO CORPORATION, Winston-Salem, N. C.
Filed June 11, 1927. Serial No. 250,377. PUBLISHED JULY 19, 1927. Class 17.
- 233,604. SNUFF. BROWN & WILLIAMSON TOBACCO CORPORATION, Winston-Salem, N. C.
Filed June 11, 1927. Serial No. 250,380. PUBLISHED JULY 19, 1927. Class 17.
- 233,605. SMOKING AND CHEWING TOBACCO. BROWN & WILLIAMSON TOBACCO CORPORATION, Winston-Salem, N. C.
Filed June 11, 1927. Serial No. 250,382. PUBLISHED JULY 19, 1927. Class 17.
- 233,606. SMOKING AND CHEWING TOBACCO. BROWN & WILLIAMSON TOBACCO CORPORATION, Winston-Salem, N. C.
Filed June 11, 1927. Serial No. 250,383. PUBLISHED JULY 19, 1927. Class 17.
- 233,607. SMOKING AND CHEWING TOBACCO. BROWN & WILLIAMSON TOBACCO CORPORATION, Winston-Salem, N. C.
Filed June 11, 1927. Serial No. 250,387. PUBLISHED JULY 19, 1927. Class 17.
- 233,608. SMOKING AND CHEWING TOBACCO. BROWN & WILLIAMSON TOBACCO CORPORATION, Winston-Salem, N. C.
Filed June 11, 1927. Serial No. 250,388. PUBLISHED JULY 19, 1927. Class 17.
- 233,609. WOOLEN PIECE GOODS. FORSTMANN & HUFFMANN COMPANY, Passaic, N. J.
Filed June 14, 1927. Serial No. 250,502. PUBLISHED JULY 26, 1927. Class 42.
- 233,610. WOOLEN PIECE GOODS. FORSTMANN & HUFFMANN COMPANY, Passaic, N. J.
Filed June 14, 1927. Serial No. 250,503. PUBLISHED JULY 26, 1927. Class 42.
- 233,611. WOOLEN PIECE GOODS. FORSTMANN & HUFFMANN COMPANY, Passaic, N. J.
Filed June 14, 1927. Serial No. 250,507. PUBLISHED JULY 26, 1927. Class 42.
- 233,612. NONALCOHOLIC, NONCEREAL, MALTLESS BEVERAGES SOLD AS SOFT DRINKS, FLAVORING CONCENTRATES, SIRUPS, AND EXTRACTS FOR MAKING THE SAME. JACOB HOUSE & SONS, Buffalo, N. Y.
Filed June 15, 1927. Serial No. 250,540. PUBLISHED JULY 19, 1927. Class 45.
- 233,613. RAZORS. K. C. SEELBACH COMPANY, New York, N. Y.
Filed June 15, 1927. Serial No. 250,570. PUBLISHED JULY 26, 1927. Class 23.
- 233,614. RAZORS. K. C. SEELBACH COMPANY, New York, N. Y.
Filed June 15, 1927. Serial No. 250,571. PUBLISHED JULY 26, 1927. Class 23.
- 233,615. DRESSING FOR PROTECTING WOUNDS IN THE MOUTH. A. W. WARD, doing business as Westward Dental Agencies, San Francisco, Calif.
Filed June 15, 1927. Serial No. 250,586. PUBLISHED JULY 26, 1927. Class 6.
- 233,616. GOLF TEES. ACUSHNET PROCESS COMPANY, Acushnet, Mass.
Filed June 16, 1927. Serial No. 250,590. PUBLISHED JULY 19, 1927. Class 22.
- 233,617. CARBONATED, NONALCOHOLIC, NONCEREAL, MALTLESS BEVERAGES SOLD AS SOFT DRINKS. ABE KANNER, doing business as Globe Bottling Co., Los Angeles, Calif.
Filed June 13, 1927. Serial No. 250,461. PUBLISHED JULY 19, 1927. Class 45.
- 233,618. FISHLINE REELS. THE GENERAL INDUSTRIES COMPANY, Elyria, Ohio.
Filed June 11, 1927. Serial No. 250,409. PUBLISHED JULY 19, 1927. Class 22.
- 233,619. PHONOGRAPH SOUND BOXES AND TONE ARMS. J. A. FISCHER COMPANY, Philadelphia, Pa.
Filed June 11, 1927. Serial No. 250,403. PUBLISHED JULY 26, 1927. Class 36.
- 233,620. DENTURE BRUSHES. SYLVAN M. EDISON, doing business as Edison Laboratories, Chicago, Ill.
Filed June 11, 1927. Serial No. 250,401. PUBLISHED JULY 26, 1927. Class 29.
- 233,621. PERFUMES AND TOILET WATERS. HENRI BENDEL INC., New York, N. Y.
Filed June 11, 1927. Serial No. 250,395. PUBLISHED JULY 26, 1927. Class 6.

- 233,622. SNUFF. BROWN & WILLIAMSON TOBACCO CORPORATION, Winston-Salem, N. C.
Filed June 11, 1927. Serial No. 250,394. PUBLISHED JULY 19, 1927. Class 17.
- 233,623. SNUFF. BROWN & WILLIAMSON TOBACCO CORPORATION, Winston-Salem, N. C.
Filed June 11, 1927. Serial No. 250,393. PUBLISHED JULY 19, 1927. Class 17.
- 233,624. SMOKING AND CHEWING TOBACCO. BROWN & WILLIAMSON TOBACCO CORPORATION, Winston-Salem, N. C.
Filed June 11, 1927. Serial No. 250,390. PUBLISHED JULY 19, 1927. Class 17.
- 233,625. SMOKING AND CHEWING TOBACCO. BROWN & WILLIAMSON TOBACCO CORPORATION, Winston-Salem, N. C.
Filed June 11, 1927. Serial No. 250,389. PUBLISHED JULY 19, 1927. Class 17.
- 233,626. AUTOMOBILES. HEO MOTOR CAR COMPANY, Lansing, Mich.
Filed February 28, 1927. Serial No. 245,029. PUBLISHED MAY 31, 1927. Class 19.
- 233,627. SCALES. PHILA. SCOOP & SCALE MFG. CO., Philadelphia, Pa.
Filed June 8, 1926. Serial No. 232,883. PUBLISHED JULY 26, 1927. Class 26.
- 233,628. SCALES. PHILA. SCOOP & SCALE MFG. CO., Philadelphia, Pa.
Filed June 8, 1926. Serial No. 232,882. PUBLISHED JULY 26, 1927. Class 26.
- 233,629. CIGARS. HAROLD GOLDRING, Chicago, Ill.
Filed May 21, 1927. Serial No. 249,348. PUBLISHED JULY 19, 1927. Class 17.
- 233,630. FINGER RINGS, BAR PINS, SCARF PINS, BRACELETS, SANTOIRS, WATCH CHAINS, GEM SETTINGS, MESH BAGS, VANITY CASES, BARRETTE, BROOCHES, BELT BUCKLES, EARRINGS, WATCH FOBS, NECKLACES, NECK CHAINS, NECKLACE CLASPS, MEDALS, CUFF BUTTONS, SHOE BUCKLES, LOCKETS, TIE CLASPS, WATCH-CHAIN SNAPS, AND VEIL PINS, ALL ARTICLES BEING MADE OF OR COATED WITH PRECIOUS METAL. KATZ & OGUSHI, INC., New York, N. Y.
Filed May 21, 1927. Serial No. 249,357. PUBLISHED JULY 26, 1927. Class 28.
- 233,631. NONALCOHOLIC, MALTLESS BEVERAGES SOLD AS SOFT DRINKS AND SIRUPS, COMPOUNDS, FLAVORS, AND CONCENTRATES FOR MAKING THE SAME. ORANGE-CRUSH COMPANY, Chicago, Ill.
Filed May 23, 1927. Serial No. 249,433. PUBLISHED JULY 19, 1927. Class 45.
- 233,632. WOOLEN FABRICS. DELANE WOOLEN COMPANY, INC., New York, N. Y.
Filed May 24, 1927. Serial No. 249,466. PUBLISHED JULY 26, 1927. Class 42.
- 233,633. ELECTRIC FRUIT-JUICE EXTRACTORS. CALIFORNIA FRUIT GROWERS EXCHANGE, Los Angeles, Calif.
Filed May 25, 1927. Serial No. 249,510. PUBLISHED JULY 26, 1927. Class 21.
- 233,634. RADIO VACUUM TUBES. A. F. HENNINGER CORPORATION, Chicago, Ill.
Filed May 25, 1927. Serial No. 249,522. PUBLISHED JULY 26, 1927. Class 21.
- 233,635. LATHER BRUSHES. RUBBER AND CELLULOID PRODUCTS COMPANY, Newark, N. J.
Filed May 25, 1927. Serial No. 249,543. PUBLISHED JULY 12, 1927. Class 29.
- 233,636. TOY ANIMALS. HASSELTINE M. DICKINS, Brooklyn, N. Y.
Filed May 26, 1927. Serial No. 249,574. PUBLISHED JULY 19, 1927. Class 22.
- 233,637. LAWN, BEING COTTON PIECE GOODS. LIBERTY & CO., LIMITED, London, England.
Filed May 26, 1927. Serial No. 249,592. PUBLISHED JULY 26, 1927. Class 42.
- 233,638. LAXATIVE TABLETS. LANMAN & KEMP, INC., New York, N. Y.
Filed June 16, 1927. Serial No. 250,625. PUBLISHED JULY 26, 1927. Class 6.
- 233,639. OINTMENT FOR USE IN TREATING THE SKIN AND IN THE TREATMENT OF BOILS, SORES, CUTS, ITCHING, SORENESS, INSECT BITES, AND CHAPPED HANDS. DOMINGO A. ORTEGA, Albuquerque, N. Mex.
Filed June 16, 1927. Serial No. 250,631. PUBLISHED JULY 26, 1927. Class 6.
- 233,640. DIMENSION GAUGES AND ATTACHMENTS THEREFOR. PRATT & WHITNEY COMPANY, New York, N. Y.
Filed June 16, 1927. Serial No. 250,637. PUBLISHED JULY 26, 1927. Class 26.
- 233,641. SELENIUM USED AS A SECONDARY VULCANIZING AGENT IN THE MANUFACTURE OF RUBBER COMPOUNDS. R. T. VANDERBILT COMPANY, INC., New York, N. Y.
Filed June 16, 1927. Serial No. 250,656. PUBLISHED JULY 26, 1927. Class 6.
- 233,642. PREPARATION FOR EXTERMINATION OF MOSQUITOES, FLIES, BEDBUGS, AND OTHER INSECTS. THADDEUS HILL WILKINSON, doing business as Wilkinson Pharmacy, Winter Haven, Fla.
Filed June 16, 1927. Serial No. 250,658. PUBLISHED JULY 26, 1927. Class 6.
- 233,643. PHENOLIC CONDENSATION COMPOUNDS. COLT'S PATENT FIRE ARMS MANUFACTURING CO., Hartford, Conn.
Filed June 17, 1927. Serial No. 250,676. PUBLISHED JULY 26, 1927. Class 6.
- 233,644. TOOTHBRUSHES. LESTER STAMM, doing business as The Monesta Company, New York, N. Y.
Filed June 17, 1927. Serial No. 250,721. PUBLISHED JULY 19, 1927. Class 29.
- 233,645. ALL COTTON, RAYON AND COTTON, AND SILK AND COTTON FABRICS. TURNER & VANDAM, INC., New York, N. Y.
Filed June 17, 1927. Serial No. 250,724. PUBLISHED JULY 26, 1927. Class 42.
- 233,646. STEREOPTICONS, OPTICAL PROJECTING INSTRUMENTS, SUPPORTING STANDS, AND SCREENS THEREFOR. HUGO NEWMAN, New York, N. Y.
Filed June 18, 1927. Serial No. 250,756. PUBLISHED JULY 26, 1927. Class 26.
- 233,647. LOCAL ANTISEPTIC FOR EXTERNAL USE. A. T. REED, doing business as Liquid Gold Local Antiseptic Co., Lockney, Tex.
Filed June 20, 1927. Serial No. 250,820. PUBLISHED JULY 26, 1927. Class 6.
- 233,648. CRÉPE DE CHINE PIECE GOODS. SQUARE SILK MILLS, INC., New York, N. Y.
Filed June 20, 1927. Serial No. 250,826. PUBLISHED JULY 26, 1927. Class 42.
- 233,649. EXTERNAL SALVE AND LOTION FOR USE IN TREATMENT OF SKIN DISEASES SUCH AS ITCH, ECZEMA, RINGWORM, DANDRUFF, AND FOR ELIMINATING BODY LICE. WILLIAM R. MUNRO, Los Angeles, Calif.
Filed June 21, 1927. Serial No. 250,855. PUBLISHED JULY 26, 1927. Class 6.
- 233,650. TOOTH PASTE. NATURE'S TOOTH PASTE CORPORATION, Los Angeles, Calif.
Filed June 21, 1927. Serial No. 250,856. PUBLISHED JULY 26, 1927. Class 6.
- 233,651. LAXATIVE. ALBERT E. ELY, doing business as Quilz Chemical Co., Glasgow, Ky.
Filed June 22, 1927. Serial No. 250,914. PUBLISHED JULY 26, 1927. Class 6.

- 233,652. PILE REMEDY. ALBERT E. ELY, doing business as Quiz Chemical Co., Glasgow, Ky.
Filed June 22, 1927. Serial No. 250,915. PUBLISHED JULY 26, 1927. Class 6.
- 233,653. CIGARETTE, CIGAR, AND TOBACCO CASES. ALFRED VESTER SONS, INC., Providence, R. I.
Filed June 22, 1927. Serial No. 250,948. PUBLISHED JULY 26, 1927. Class 8.
- 233,654. PLAYING CARDS. A. DOUGHERTY, New York, N. Y.
Filed June 4, 1927. Serial No. 250,015. PUBLISHED JULY 19, 1927. Class 22.
- 233,655. PLAYING CARDS. A. DOUGHERTY, New York, N. Y.
Filed June 4, 1927. Serial No. 250,016. PUBLISHED JULY 19, 1927. Class 22.
- 233,656. SILK FABRICS. A. M. TURELL FABRICS CORPORATION, New York, N. Y.
Filed June 4, 1927. Serial No. 250,050. PUBLISHED JULY 26, 1927. Class 42.
- 233,657. NONALCOHOLIC, NONCEREAL, MALTLESS BEVERAGES SOLD AS SOFT DRINKS AND SIRUPS FOR MAKING THE SAME, AND ALSO INCLUDING SPRING WATERS, DISTILLED AND CARBONATED WATERS, AND STILL WATERS. EWALD BROEKER, Elizabeth, N. J.
Filed June 6, 1927. Serial No. 250,060. PUBLISHED JULY 19, 1927. Class 45.
- 233,658. DENTIFRICES IN LIQUID, PASTE, POWDER, OR IN ANY OTHER FORM. RALPH B. WAITE, doing business as The Antidolor Mfg. Co., Springville, N. Y.
Filed June 6, 1927. Serial No. 250,109. PUBLISHED JULY 26, 1927. Class 6.
- 233,659. WOOLEN PIECE GOODS—NAMELY, PIECE GOODS OF MIXED WOOL AND CAMEL'S HAIR. WILLIAM F. READ & SONS CO., Philadelphia, Pa.
Filed June 7, 1927. Serial No. 250,139. PUBLISHED JULY 26, 1927. Class 42.
- 233,660. NONALCOHOLIC, NONCEREAL, MALTLESS BEVERAGES SOLD AS SOFT DRINKS AND SIRUPS FOR MAKING THE SAME. BRONX MINERAL WATER CO. INC., New York, N. Y.
Filed June 8, 1927. Serial No. 250,158. PUBLISHED JULY 19, 1927. Class 45.
- 233,661. NONALCOHOLIC, NONCEREAL, MALTLESS BEVERAGES SOLD AS SOFT DRINKS AND SIRUPS FOR MAKING THE SAME. AUGUST KOEGL, Thomaston, Conn.
Filed June 8, 1927. Serial No. 250,177. PUBLISHED JULY 19, 1927. Class 45.
- 233,662. CIGARS. G. A. STROBECK, Red Lion, Pa.
Filed June 8, 1927. Serial No. 250,210. PUBLISHED JULY 19, 1927. Class 17.
- 233,663. DENTIFRICE TOOTH-CLEANING PREPARATION. FOAMADENT CO., New York, N. Y.
Filed June 9, 1927. Serial No. 250,234. PUBLISHED JULY 26, 1927. Class 6.
- 233,664. SWEET APPLE CIDER. F. A. KAUFFMANN MANUFACTURING COMPANY, St. Louis, Mo.
Filed June 10, 1927. Serial No. 250,308. PUBLISHED JULY 19, 1927. Class 45.
- 233,665. CAKE HAVING LAXATIVE PROPERTIES. LAX-A-CAKE COMPANY, Louisville, Ky.
Filed June 10, 1927. Serial No. 250,311. PUBLISHED JULY 26, 1927. Class 6.
- 233,666. SMOKING AND CHEWING TOBACCO. BROWN & WILLIAMSON TOBACCO CORPORATION, Winston-Salem, N. C.
Filed June 11, 1927. Serial No. 250,368. PUBLISHED JULY 19, 1927. Class 17.
- 233,667. SMOKING AND CHEWING TOBACCO. BROWN & WILLIAMSON TOBACCO CORPORATION, Winston-Salem, N. C.
Filed June 11, 1927. Serial No. 250,370. PUBLISHED JULY 19, 1927. Class 17.

- 233,668. SANITARY NAPKINS. BENJAMIN JACOBSON, doing business as Lexington Products Co., Brooklyn, N. Y.
Filed June 16, 1927. Serial No. 250,618. PUBLISHED JULY 26, 1927. Class 44.
- 233,669. VANITY CASES MADE OF OR PLATED WITH PRECIOUS METAL. ASSOCIATED ATTLEBORO MANUFACTURERS INC., Attleboro, Mass.
Filed June 1, 1927. Serial No. 249,830. PUBLISHED JULY 26, 1927. Class 28.
- 233,670. NONALCOHOLIC, MALTLESS BEVERAGES SOLD AS SOFT DRINKS, EXTRACTS, CONCENTRATES, AND SIRUPS FOR MAKING SAME. RALPH C. KOCHENDARFER, doing business as Ry-Hy Company, Washington, D. C.
Filed May 31, 1927. Serial No. 249,797. PUBLISHED JULY 19, 1927. Class 45.
- 233,671. YARNS OR THREADS COMPRISED WHOLLY OR PRINCIPALLY OF CELLULOSE ACETATE ARTIFICIAL SILK IN ADMIXTURE WITH COTTON, WOOL, SILK, OR ANY OTHER FIBER. CELANESE CORPORATION OF AMERICA, New York, N. Y.
Filed May 31, 1927. Serial No. 249,781. PUBLISHED JULY 26, 1927. Class 43.
- 233,672. SKIN LOTION. DAGGETT & RAMSDELL, New York, N. Y.
Filed June 2, 1927. Serial No. 249,893. PUBLISHED JULY 26, 1927. Class 6.
- 233,673. GOLF BALLS. ALFRED FIELD & CO., INC., New York, N. Y.
Filed June 2, 1927. Serial No. 249,880. PUBLISHED JULY 19, 1927. Class 22.
- 233,674. HAIR FOR STUFFING MATTRESSES, FURNITURE, AND UPHOLSTERY. F. P. WOLL & CO., Philadelphia, Pa.
Filed June 1, 1927. Serial No. 249,879. PUBLISHED JULY 26, 1927. Class 32.
- 233,675. STUFFED TOY ANIMALS. MARGARETE STEIFF, Inc., New York, N. Y.
Filed June 1, 1927. Serial No. 249,872. PUBLISHED JULY 19, 1927. Class 22.
- 233,676. KNITTED, NETTED, AND TEXTILE FABRICS MADE WHOLLY OR PRINCIPALLY OF CELLULOSE DERIVATIVES IN ADMIXTURE WITH COTTON, WOOL, SILK, OR ANY OTHER FIBER. CELANESE CORPORATION OF AMERICA, New York, N. Y.
Filed May 31, 1927. Serial No. 249,780. PUBLISHED JULY 26, 1927. Class 42.
- 233,677. VOILE IN THE PIECE MADE OF RAYON. CLARENCE WHITMAN & SONS, INC., New York, N. Y.
Filed May 28, 1927. Serial No. 249,764. PUBLISHED JULY 26, 1927. Class 42.
- 233,678. ASTRINGENTS, ASTRINGENT CERATES, BLEACH CREAMS, ETC. ANDRE A. GOUTAL, doing business as Andre Goutal & Co., New York, N. Y.
Filed May 28, 1927. Serial No. 249,720. PUBLISHED JULY 26, 1927. Class 6.
- 233,679. TABLETS OF ASPIRIN. BLACKSTONE MANUFACTURING COMPANY, doing business as Tru-Lax Manufacturing Co., Newark, N. J.
Filed May 28, 1927. Serial No. 249,699. PUBLISHED JULY 26, 1927. Class 6.
- 233,680. GOLD ALLOYS FOR DENTAL PURPOSES. THE J. M. NEY COMPANY, Hartford, Conn.
Filed May 27, 1927. Serial No. 249,673. PUBLISHED JULY 26, 1927. Class 44.
- 233,681. SANITARY NAPKINS. HYGIENE PRODUCTS CO., New York, N. Y.
Filed May 27, 1927. Serial No. 249,661. PUBLISHED JULY 26, 1927. Class 44.
- 233,682. SANITARY NAPKINS. HYGIENE PRODUCTS CO., New York, N. Y.
Filed May 27, 1927. Serial No. 249,660. PUBLISHED JULY 26, 1927. Class 44.

- 233,683. TIRE COVERS. THE STUDEBAKER CORPORATION, South Bend, Ind.
Filed May 26, 1927. Serial No. 249,613. PUBLISHED JULY 26, 1927. Class 35.
- 233,684. BEVERAGE-DISPENSING MACHINES AND PARTS THEREFOR. FOUNTERIA MANUFACTURING COMPANY INC., Birmingham, Ala.
Filed June 16, 1927. Serial No. 250,610. PUBLISHED JULY 26, 1927. Class 23.
- 233,685. COTTON PIECE GOODS AND RAYON AND COTTON MIXTURES AND SILK AND COTTON MIXTURES. TILTON & KEELER INC., New York, N. Y.
Filed February 26, 1927. Serial No. 244,963. PUBLISHED JULY 26, 1927. Class 42.
- 233,686. MEDICINE, BEING A STOMACH AND INDIGESTION PREPARATION THE PRINCIPAL INGREDIENT OF WHICH IS MILK OF MAGNESIA. STOM-ULCE LABORATORIES, Chicago, Ill.
Filed February 25, 1927. Serial No. 244,893. PUBLISHED JULY 26, 1927. Class 6.
- 233,687. ELECTRIC CONDUCTOR AND RESISTANCE MATERIALS MADE OF CARBON, METAL OR SECOND-CLASS CONDUCTOR SUBSTANCES IN THE FORM OF BARS, RIBBONS, WIRES, RODS, TUBES, ETC., HEATING RESISTANCES FOR FURNACES, AIR HEATERS, COOKING UTENSILS, ETC., CURRENT-REGULATING RESISTANCES, POTENTIOMETERS FOR RADIO AND LIKE PURPOSES, SERIES RESISTANCES, GRID RESISTANCES, AND COUPLING RESISTANCES. GEORGE SIEMENS & COMPANY, Berlin-Lichtenberg, Germany.
Filed February 12, 1927. Serial No. 244,300. PUBLISHED JULY 26, 1927. Class 21.
- 233,688. CHAMBRAY AND GINGHAM COTTON GOODS IN THE PIECE. RIVERSIDE & DAN RIVER COTTON MILLS, INC., Danville, Va.
Filed February 9, 1927. Serial No. 244,108. PUBLISHED JULY 26, 1927. Class 42.

- 233,689. LUBRICATING OILS AND GREASES. BLACK-HAWK PETROLEUM CO., Chicago, Ill.
Filed January 31, 1927. Serial No. 243,584. PUBLISHED JULY 26, 1927. Class 15.
- 233,690. LUBRICATING OILS AND GREASES. BLACK-HAWK PETROLEUM CO., Chicago, Ill.
Filed January 29, 1927. Serial No. 243,526. PUBLISHED JULY 26, 1927. Class 15.
- 233,691. LUBRICATING OILS AND GREASES. BLACK-HAWK PETROLEUM CO., Chicago, Ill.
Filed January 29, 1927. Serial No. 243,525. PUBLISHED JULY 26, 1927. Class 15.
- 233,692. SOUND AMPLIFIERS FOR RADIO RECEIVING APPARATUS. STEWART-WARNER SPEEDOMETER CORPORATION, Chicago, Ill.
Filed January 19, 1927. Serial No. 243,072. PUBLISHED JULY 26, 1927. Class 21.
- 233,693. CHEMICAL EMULSIFYING AGENTS TO REDUCE LIQUIDS OR OTHER BODIES SUCH AS ORGANIC SOLVENTS, FATS, OILS, RESINS, PARAFFIN, ETC., TO AN EXCEEDINGLY FINE STATE OF DIVISION (EMULSION) WHICH ARE INSOLUBLE IN OR NOT MISCIBLE WITH WATER. I. G. FARBENINDUSTRIE AKTIENGESELLSCHAFT, Frankfurt-on-the-Main and Ludwigshafen-on-the-Rhine, Germany.
Filed January 28, 1927. Serial No. 243,484. PUBLISHED JULY 26, 1927. Class 6.
- 233,694. ELECTRICAL VEHICLE LAMPS. THE STOVER SIGNAL ENGINEERING CO., Wilmington, Del., and Racine, Wis.
Filed December 29, 1926. Serial No. 242,151. PUBLISHED JULY 26, 1927. Class 21.
- 233,695. CERTAIN NAMED FOOD PRODUCTS. EDWARD W. BROWN CO., San Francisco, Calif., assignor to Martin Camm Co., San Francisco, Calif., a Corporation of California.
Filed March 14, 1925. Serial No. 211,015. PUBLISHED MARCH 1, 1927. Class 46.

[ACT OF MARCH 19, 1920, SEC. 1 (b)].

THESE REGISTRATIONS ARE NOT SUBJECT TO OPPOSITION.

- 233,696. (CLASS 50. MERCHANDISE NOT OTHERWISE CLASSIFIED.) MONTLON BROS., doing business as Spanish Antique Shop, New York, N. Y. Filed May 28, 1926. Serial No. 232,411.

Spanish Antique Shop

Particular description of goods.—Wrought-Iron and Other Metal Objects of Art. Statuary, Plaques, Carvings, Antique, Curio and Objects of Art Exemplar, and Particularly the Antique Productions and Reproductions Thereof.
Claims use since Jan. 26, 1917.

- 233,697. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) LIGHTFOOT SCHULTZ COMPANY, Hoboken, N. J. Filed Nov. 22, 1926. Serial No. 240,421.

Lightfoot's

Particular description of goods.—Compounds for Cleaning the Hands and the Face, Shaving Cream to be Used Before Shaving, Shaving Sticks, Shaving Powder, Outfit

Packages Containing Soap and Towel; Detergent Powder for Bathing, Washing, and Cleaning Purposes; Laundry Soaps, Soap Flakes, Hand Soap, Toilet Soap, Soap Paste, Washing Tablets, and Shampoo Soaps.
Claims use since June 29, 1922.

- 233,698. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) JOHNSON MOTOR COMPANY, South Bend, Ind. Filed Apr. 29, 1927. Serial No. 248,180.

Johnson

Particular description of goods.—Outboard Motors.
Claims use since Apr. 1, 1922.

- 233,699. (CLASS 37. PAPER AND STATIONERY.) THE KROGER GROCERY & BAKING CO., Cincinnati, Ohio. Filed July 8, 1927. Serial No. 251,676.

Kroger's

Particular description of goods.—Tissue Paper.
Claims use since Aug. 30, 1926.

233,700. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) BOONE COUNTY COAL CORPORATION, Sharples, W. Va., and Philadelphia, Pa. Filed Aug. 3, 1927. Serial No. 252,925.

BOONE-CHILTON

Particular description of goods.—Bituminous Coal.
Claims use since Jan. 1, 1918.

233,701. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) JOHN C. WELWOOD CORP., New York, N. Y. Filed Aug. 10, 1927. Serial No. 253,300.

"WELWOOD'S WELLMADE SILKS"

Particular description of goods.—Piece Goods of Silk, Cotton, and Mixtures Thereof, Flat Crepes, Crêpe de Chines, and Satin Crêpe.
Claims use since February, 1926.

233,702. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) WHEELER, REYNOLDS & STAUFFER, San Francisco, Calif. Filed July 18, 1927. Serial No. 252,236.

ACTIVATED

Particular description of goods.—Sulphur and Carbon Bisulphide.
Claims use since July 5, 1926.

233,703. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) LIQUID VENEER CORPORATION, Buffalo, N. Y. Filed July 26, 1927. Serial No. 252,558.

RADIATOR NEVERLEAK

Particular description of goods.—Preparations for Sealing Leaks in Radiators, Particularly in Radiators of the Automobile Type.
Claims use since August, 1915.

233,704. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) LIQUID VENEER CORPORATION, Buffalo, N. Y. Filed July 26, 1927. Serial No. 252,559.

BOILER NEVERLEAK

Particular description of goods.—A Preparation for Sealing Leaks in Steam and Hot-Water Boilers.
Claims use since January, 1918.

233,705. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) PYNE-PIX GUM CO., San Francisco, Calif. Filed Oct. 16, 1926. Serial No. 238,741.

Pyne-Pix

Particular description of goods.—Medicated Chewing Gum for Coughs, Colds, Bronchial and Asthmatic Irritations.
Claims use since June 17, 1926.

233,706. (CLASS 15. OILS AND GREASES.) L. W. BAUGH, Los Angeles, Calif. Filed July 22, 1925. Serial No. 217,693.

ATHENS

GASOLINE

Particular description of goods.—Gasoline.
Claims use since June 23, 1925.

233,707. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THE CUDAHY PACKING CO., Chicago, Ill. Filed Nov. 29, 1926. Serial No. 240,704.

VALENTINO BRAND

Particular description of goods.—Dry Sausage.
Claims use since Aug. 25, 1926.

233,708. (CLASS 45. BEVERAGES, NONALCOHOLIC.) NAPA ROCK MINERAL WATER CO., doing business as Bohemian Ginger Ale Co., Oakland, Calif. Filed Mar. 7, 1927. Serial No. 245,364.

BOHEMIAN

Particular description of goods.—Ginger Ale.
Claims use since on or about January, 1907.

233,709. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) BAKO PROCESS COMPANY, Minneapolis, Minn. Filed June 23, 1927. Serial No. 250,956.

De-Zolvit

Particular description of goods.—Paint Remover, Varnish Remover, Enamel Remover, and Lacquer Remover.
Claims use since on or about July 1, 1924.

233,710. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) EASTERN HEALTH LABORATORY, Washington, D. C. Filed June 30, 1927. Serial No. 251,325.

KLEEN FOOT

Particular description of goods.—Foot Balm.
Claims use since Mar. 10, 1926.

233,711. (CLASS 29. BROOMS, BRUSHES, AND DUSTERS.) THE KROGER GROCERY & BAKING CO., Cincinnati, Ohio. Filed July 14, 1927. Serial No. 252,049.

Kroger's

Particular description of goods.—Brooms.
Claims use since Aug. 5, 1926.

233,712. (CLASS 39. CLOTHING.) TRAYLANCE MFG. & IMP'T CO., INC., New York, N. Y. Filed Sept. 8, 1926. Serial No. 237,003.



Particular description of goods.—Ladies' Girdle Bloomers, Sport Bloomers, and Pantee Step-Ins.
Claims use since July 5, 1926.

233,713. (CLASS 15. OILS AND GREASES.) STANDARD OIL COMPANY, Whiting, Ind., and Chicago, Ill. Filed Aug. 9, 1926. Serial No. 235,757.

SERVICE

Particular description of goods.—Candles and Candle Bases, Paraffin Wax, Gasoline, Kerosene, and Lubricating Oils, and Lubricating Greases.
Claims use since June 21, 1926.

233,714. (CLASS 39. CLOTHING.) MATILDA KEATING, Grand Marais, Mich. Filed June 25, 1925. Serial No. 216,398.

THE KEATING HAND MADE GRAND MARAIS, MICH.

Particular description of goods.—Worsted Sweaters.
Claims use since Feb. 10, 1915.

TRADE-MARK REGISTRATIONS RENEWED

60,234. PIANOS, MANDOLINS, GUITARS, BANJOS, AND VIOLINS. Registered January 29, 1907. C. J. HEPPE & SON. Renewed January 29, 1927, to C. J. Heppe & Son, Philadelphia, Pa., a Corporation of Pennsylvania, successor.

60,235. PIANOS, MANDOLINS, GUITARS, BANJOS, AND VIOLINS. Registered January 29, 1907. C. J. HEPPE & SON. Renewed January 29, 1927, to C. J. Heppe & Son, Philadelphia, Pa., a Corporation of Pennsylvania, successor.

60,472. A MALT PREPARATION FOR USE IN MAKING BREAD. Registered February 12, 1907. ERSTE WIENER EXPORT-MALZFABRIK HAUSER & SOBOTKA, Stadlau-Wien, Austria. Renewed February 12, 1927, to The American Diamalt Company, Cincinnati, Ohio, and New York, N. Y., a Corporation of Ohio, successor.

60,596. A SIZE FOR COTTON AND OTHER THREADS AND YARNS. Registered February 12, 1907. ERSTE WIENER EXPORT-MALZFABRIK HAUSER & SOBOTKA, Stadlau-Wien, Austria. Renewed February 12, 1927, to The American Diamalt Company, Cincinnati, Ohio, and New York, N. Y., a Corporation of Ohio, successor.

62,703. CANDY. Registered May 21, 1907. EMORY C. SPERRY. Renewed May 21, 1927, to Herman H. Hug, sr., doing business as Sperry Candy Company, Canton, Ohio, successor.

62,989. POCKETKNIVES, SCISSORS, AND RAZORS. Registered June 4, 1907. C. LUTTERS & CO. Renewed June 4, 1927, to C. Lutters & Co., Lowenwerk, Solingen, Germany, assignee.

63,320. CONDENSED MILK. Registered June 11, 1907. PACIFIC COAST CONDENSED MILK CO. Renewed June 11, 1927, to Carnation Milk Products Co., Seattle, Wash., a Corporation of Delaware, assignee by mesne assignments.

63,886. UNDERFEED STOKERS. Registered July 9, 1907. UNDERFEED STOKER COMPANY OF AMERICA, Chicago, Ill. Renewed July 9, 1927, to Riley Stoker Corporation, Worcester, Mass., a Corporation of Massachusetts, assignee.

64,183. BLEACHED, UNBLEACHED, DYED, AND PRINTED TEXTILE FABRICS. Registered July 30, 1907. A. G. HYDE & SONS. Renewed July 30, 1927, to Fred Butterfield & Co. Inc., New York, N. Y., a Corporation of New York, assignee.

- 64,185. LACES. Registered July 30, 1907. AITKEN, SON & Co. Renewed July 30, 1927, to Aitken, Son & Co., New York, N. Y., a Corporation of New York, successor.
- 64,234. BLEACHED, UNBLEACHED, DYED, AND PRINTED TEXTILE FABRICS. Registered July 30, 1907. A. G. HYDE & SONS. Renewed July 30, 1927, to Fred Butterfield & Co. Inc., New York, N. Y., a Corporation of New York, assignee.
- 64,268. SMOKED, CANNED, PICKLED, AND PRESERVED FISH. Registered July 30, 1907. A/S. THE BERGEN CANNING Co. Renewed July 30, 1927, to A/S United Sardine Factories, Bergen, Norway, a Corporation of Norway, successor.
- 64,379. WHISKY. Registered August 6, 1907. C. P. MOORMAN & COMPANY, INC. Renewed August 6, 1927, to The Wheeler Company, Incorporated, Louisville, Ky., a Corporation of Kentucky, successor.
- 64,544. COFFEE. Registered August 13, 1907. C. A. MURDOCK MFG. CO., Kansas City, Mo. Renewed August 13, 1927, to Jewett & Sherman Co., Milwaukee, Wis., a Corporation of Wisconsin, successor.
- 64,595. POP CORN. Registered August 13, 1907. WILLIAM J. MADDEN, New York, N. Y. Renewed August 13, 1927.
- 64,599. TUBULAR KNIT RIBBED FABRIC UNDERGARMENTS. Registered August 13, 1907. ROYAL GEM MILLS CO., St. Johnsville, N. Y. Renewed August 13, 1927, to Union Mills, Inc., New York, N. Y., a Corporation of New York, assignee.
- 64,602. WINDOW SHADE CLOTH. Registered August 13, 1907. THE WESTERN SHADE CLOTH COMPANY, Chicago, Ill., a Corporation of Illinois. Renewed August 13, 1927.
- 64,653. STOVES AND THEIR PARTS. Registered August 20, 1907. AMERICAN STOVE COMPANY, St. Louis, Mo., a Corporation of New Jersey. Renewed August 20, 1927.
- 64,775. CURED, DRESSED, COOKED, AND CANNED MEATS, LARD, AND SAUSAGE. Registered August 20, 1907. THE COFFIN-FLETCHER PACKING CO. Renewed August 20, 1927, to Kingan & Co. Incorporated, Indianapolis, Ind., a Corporation of New Jersey, assignee.
- 64,817. LADIES' HATS AND HAT FRAMES. Registered August 29, 1907. AITKEN, SON & Co. Renewed August 29, 1927, to Aitken, Son & Co., New York, N. Y., a Corporation of New York, successor.
- 64,918. HAMS AND BACON. Registered August 27, 1907. KINGAN & COMPANY, LTD., Belfast, Ireland, and Richmond, Va. Renewed August 27, 1927, to Kingan & Co. Incorporated, Indianapolis, Ind., a Corporation of New Jersey, assignee.
- 65,219. PUMPS AND TURBINES. Registered September 10, 1907. EDMUND SCOTT GUSTAVE REES, Wolverhampton, England. Renewed September 10, 1927, to Manistee Iron Works Company, Manistee, Mich., a Corporation of Michigan, successor.
- 65,232. FURNACES, HEATERS, AND BOILERS. Registered September 10, 1907. L. J. MUELLER FURNACE COMPANY, Milwaukee, Wis., a Corporation of Wisconsin. Renewed September 10, 1927.
- 65,473. A COLOR SETTING COMPOUND USED IN DYEING. Registered October 8, 1907. AUG. ELHARDT SÖHNE, Dietmannsried, Germany. Renewed October 8, 1927, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.
- 65,549. CERTAIN MEDICINE. Registered October 8, 1907. CURT BORCHERT, Berlin, Germany. Renewed October 8, 1927, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.
- 65,570. AMALGAM FILLING FOR TEETH. Registered October 8, 1907. JOHN B. Z. ROBERTS, Kansas City, Mo. Renewed October 8, 1927.
- 65,597. PORTABLE BAKE OVENS. Registered October 8, 1907. MIDDLEBY OVEN MANUFACTURING COMPANY, Renewed October 8, 1927, to Middleby-Marshall Oven Company, Chicago, Ill., a Corporation of Illinois, successor.
- 65,624. AN ANTISEPTIC AND DISINFECTANT SUBSTANCE. Registered October 15, 1907. CHEMISCHE FABRIK AUF ACTIEN (vorm. E. Schering), Berlin, Germany. Renewed October 15, 1927, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.
- 65,626. ANTISEPTICS, DEODORANTS, AND DISINFECTANTS. Registered October 15, 1907. CHEMISCHE FABRIK AUF ACTIEN (vorm. E. Schering), Berlin, Germany. Renewed October 15, 1927, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.
- 65,700. SMOKED AND SALT MEATS. Registered October 15, 1907. KINGAN & COMPANY LTD., Belfast, Ireland; Indianapolis, Ind.; and Richmond, Va. Renewed October 15, 1927, to Kingan & Co. Incorporated, Indianapolis, Ind., a Corporation of New Jersey, assignee.
- 65,721. MEDICINE FOR FEVER. Registered October 22, 1907. FARHWERKE VORM. MEISTER LUCIUS & BRÜNING, Höchst-on-the-Main, Germany. Renewed October 22, 1927, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.
- 65,761. SOAP MANUFACTURED FROM WOOL GREASE. Registered October 22, 1907. VEREINIGTE CHEMISCHE WERKE AKTIENGESELLSCHAFT, Charlottenburg, near Berlin, Germany. Renewed October 22, 1927, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.
- 65,816. RUBBER BOOTS, OVERSHOES, AND RUBBERS. Registered October 22, 1907. ST. PAUL RUBBER CO., St. Paul, Minn. Renewed October 22, 1927, to United States Rubber Company, New Brunswick, N. J., and New York, N. Y., a Corporation of New Jersey, assignee.
- 65,952. PRINTERS' QUOINS. Registered October 29, 1907. WICKERSHAM QUOIN COMPANY. Renewed October 29, 1927, to Samuel Stephens & Wickersham Quoin Company, Inc., Boston, Mass., a Corporation of Massachusetts, successor.
- 65,953. PRINTERS' QUOINS. Registered October 29, 1907. WICKERSHAM QUOIN COMPANY. Renewed October 29, 1927, to Samuel Stephens & Wickersham Quoin Company, Inc., Boston, Mass., a Corporation of Massachusetts, successor.
- 65,997. RUBBER BOOTS AND SHOES. Registered November 5, 1907. THE GOODYEAR METALLIC RUBBER SHOE COMPANY, Naugatuck, Conn., a Corporation of Connecticut. Renewed November 5, 1927.
- 66,020. DAMPROOF PAINT. Registered November 5, 1907. DEXTER BROTHERS COMPANY, Boston, Mass., a Corporation of Massachusetts. Renewed November 5, 1927.
- 66,032. BISCUITS. Registered November 5, 1907. STANDARD WAFER CO., New York, N. Y. Renewed November 5, 1927, to Consolidated Wafer Company, Inc., Chicago, Ill., and Brooklyn, N. Y., a Corporation of Delaware, assignee by mesne assignments.
- 66,088. PANTALOONS. Registered November 5, 1907. J. SCHOENEMAN. Renewed November 5, 1927, to J. Schoeneman, Incorporated, Baltimore, Md., a Corporation of Maryland, successor.
- 66,223. SPRING WATER. Registered November 19, 1907. JOSEPH E. PATTERSON. Renewed November 19, 1927, to B. Frank Myers and Helen Patterson Myers, executors under the will of Joseph E. Patterson, Wilkes-Barre, Pa., successor.

- 66,237. CERTAIN BELTING, HOSE, AND MACHINERY PACKING. Registered November 19, 1907. REVERE RUBBER COMPANY, Boston, Mass. Renewed November 19, 1927, to Revere Rubber Company, Chelsea, Mass., a Corporation of Rhode Island, assignee.
- 66,269. STYLOGRAPHIC FOUNTAIN PENS. Registered November 19, 1907. J. KEARNEY & Co. Renewed November 19, 1927, to Joseph Francis Kearney, doing business as J. Kearney and Company, Liverpool, England, successor.
- 66,373. HOSIERY. November 26, 1907. M. HALFF & BRO., San Antonio, Tex., a Corporation of Texas. Renewed November 26, 1927.
- 66,426. CERTAIN CLOTHING. Registered November 26, 1907. M. HALFF & BRO., San Antonio, Tex., a Corporation of Texas. Renewed November 26, 1927.
- 66,434. GOLF-CLUB IRONS. Registered November 26, 1907. A. G. SPALDING & BROS., Jersey City, N. J., and New York, N. Y., a Corporation of New Jersey. Renewed November 26, 1927.
- 66,489. STOVEPIPES. Registered December 3, 1907. JACKES-EVANS MANUFACTURING COMPANY, St. Louis, Mo., a Corporation of Missouri. Renewed December 3, 1927.
- 66,539. A NEWSPAPER. Registered December 10, 1907. THE WASHINGTON TIMES COMPANY, Washington, D. C., a Corporation of New York. Renewed December 10, 1927.
- 66,580. WHEAT FLOURS. Registered December 17, 1907. GLOBE MILLING CO. Renewed December 17, 1927, to Federal Mill & Elevator Co. Inc., Lockport, N. Y., a Corporation of New York, assignee.
- 66,598. ROQUEFORT CHEESE. Registered December 17, 1907. SOCIÉTÉ ANONYME DES CAVES ET DES PRODUCTEURS REUNIS DE ROQUEFORT, Roquefort, Aveyron, France, a Corporation of France. Renewed December 17, 1927.
- 66,644. RUBBER WHEEL TIRES. Registered December 17, 1907. THE HARTFORD RUBBER WORKS COMPANY, Hartford, Conn., and New York, N. Y. Renewed December 17, 1927, to The Hartford Rubber Works Company, Hartford, Conn., a Corporation of Connecticut.
- 66,645. A REMEDY FOR RHEUMATISM AND GOUT. Registered December 17, 1907. JOHN HAMPTON HOWARTH, New Haven, Conn. Renewed December 17, 1927, to R. S. Bosworth, White Plains, N. Y., assignee.
- 66,650. A LUNG TONIC. Registered December 17, 1907. W. T. OWBRIDGE, LIMITED, Hull, England, a Corporation of Great Britain. Renewed December 17, 1927.
- 66,686. CURED MEATS AND SAUSAGE. Registered December 24, 1907. KINGAN AND COMPANY, LIMITED, Belfast, Ireland; Indianapolis, Ind.; Baltimore, Md.; and Richmond, Va. Renewed December 24, 1927, to Kingan & Co. Incorporated, Indianapolis, Ind., a Corporation of New Jersey, assignee.
- 66,687. CURED, COOKED, CANNED, AND SALTED MEATS, LARD, AND SAUSAGE. Registered December 24, 1907. KINGAN AND COMPANY, LIMITED, Belfast, Ireland; Indianapolis, Ind.; Baltimore, Md.; and Richmond, Va. Renewed December 24, 1927, to Kingan & Co. Incorporated, Indianapolis, Ind., a Corporation of New Jersey, assignee.
- 66,699. CURED AND SALTED MEATS. Registered December 24, 1907. KINGAN AND COMPANY, LIMITED, Belfast, Ireland; Indianapolis, Ind.; Baltimore, Md.; and Richmond, Va. Renewed December 24, 1927, to Kingan & Co. Incorporated, Indianapolis, Ind., a Corporation of New Jersey, assignee.
- 66,700. CURED AND SALTED MEATS. Registered December 24, 1907. KINGAN AND COMPANY, LIMITED, Belfast, Ireland; Indianapolis, Ind.; Baltimore, Md.; and Richmond, Va. Renewed December 24, 1927, to Kingan & Co. Incorporated, Indianapolis, Ind., a Corporation of New Jersey, assignee.
- 66,701. CURED MEATS. Registered December 24, 1907. KINGAN AND COMPANY, LIMITED, Belfast, Ireland; Indianapolis, Ind.; Baltimore, Md.; and Richmond, Va. Renewed December 24, 1927, to Kingan & Co. Incorporated, Indianapolis, Ind., a Corporation of New Jersey, assignee.
- 66,724. CERTAIN KNITTED GARMENTS. Registered December 24, 1907. M. HALFF & BRO., San Antonio, Tex., a Corporation of Texas. Renewed December 24, 1927.
- 66,752. COLD CREAM AND REMEDY FOR DYSPEPSIA. Registered December 24, 1907. FRANK N. POND. Renewed December 24, 1927, to Pond Pharmacal Company, New York, N. Y., a Corporation of New York, assignee.
- 66,770. CERTAIN PAINTERS' MATERIALS. Registered December 24, 1907. THE PATTERSON-SARGENT COMPANY, Cleveland, Ohio, a Corporation of Ohio. Renewed December 24, 1927.
- 66,843. OBESITY REMEDIES. Registered December 31, 1907. MARMOLA COMPANY. Renewed December 31, 1927, to Raladam Company, Detroit, Mich., a Corporation of Michigan, assignee.
- 66,874. RUBBER HOSE AND FABRIC HOSE. Registered December 31, 1907. FABRIC FIRE HOSE COMPANY, Sandy Hook, Conn., and New York, N. Y. Renewed December 31, 1927.
- 66,887. CIGARS. Registered December 31, 1907. STARLIGHT BROTHERS. Renewed December 31, 1927, to Starlight Bros. Inc., New York, N. Y., a Corporation of New York, assignee.
- 66,937. SHEET-METAL CHAINS. Registered January 7, 1908. SMITH & EGGE MFG. CO., Bridgeport, Conn. Renewed January 7, 1928.
- 66,971. HOSIERY. Registered January 7, 1908. RICHMOND HOSIERY MILLS, Chattanooga, Tenn., and Rossville, Ga. Renewed January 7, 1928, to Richmond Hosiery Mills, Rossville, Ga.
- 66,987. RUBBER FOOTWEAR AND RUBBER TIRES FOR MOTOR VEHICLES. Registered January 7, 1908. HOOD RUBBER CO., Boston, Mass. Renewed January 7, 1928, to Hood Rubber Company, Watertown, Mass., a Corporation of Massachusetts.
- 67,038. MINCEMEAT. Registered January 14, 1908. ATMORE & SON. Renewed January 14, 1928, to Atmore & Son, Inc., Philadelphia, Pa., a Corporation of Pennsylvania, assignee.
- 67,039. MINCEMEAT. Registered January 14, 1908. ATMORE & SON. Renewed January 14, 1928, to Atmore & Son, Inc., Philadelphia, Pa., a Corporation of Pennsylvania, assignee.
- 67,084. COTTON PIECE GOODS. Registered January 14, 1908. TILTON & KEELER. Renewed January 14, 1928, to Tilton & Keeler, Inc., New York, N. Y., a Corporation of New York, assignee.
- 67,103. CERTAIN CLOTHING. Registered January 14, 1908. THE PRITZ-BIEDERMAN COMPANY, Cleveland, Ohio, a Corporation of Ohio. Renewed January 14, 1928.
- 67,139. CERTAIN MEDICINE. Registered January 21, 1908. JOHN HOUSTON, Wellston, Ohio. Renewed January 21, 1928, to John Houston, Jackson, Ohio.
- 67,148. PLUM PUDDING. Registered January 21, 1908. ATMORE & SON. Renewed January 21, 1928, to Atmore & Son, Inc., Philadelphia, Pa., a Corporation of Pennsylvania, assignee.
- 67,169. CERTAIN SEA FOODS. Registered January 21, 1908. STROHMMEYER & ARPE CO., New York, N. Y., a Corporation of New York. Renewed January 21, 1928.
- 67,189. CORSETS. Registered January 21, 1908. 1. NEWMAN & SONS. Renewed January 21, 1928, to I. Newman & Sons, Inc., New Haven, Conn., a Corporation of Connecticut, assignee.
- 67,222. GINGER ALE. Registered January 21, 1908. BLANKE-BAER CHEMICAL CO. Renewed January 21, 1928, to Blanke-Baer Extract & Preserving Company, St. Louis, Mo., a Corporation of Missouri, assignee.

- 67,267. LARD. Registered January 28, 1908. CHAS. WOLFF PACKING CO., Topeka, Kans., a Corporation of Kansas. Renewed January 28, 1928.
- 67,282. ELECTRICAL SWITCHES. Registered January 28, 1908. THE ARROW ELECTRIC COMPANY, Hartford, Conn., a Corporation of Connecticut. Renewed January 28, 1928.
- 67,286. COMFORTS. Registered January 28, 1908. THE CHAS. A. MAISH COMPANY, Cincinnati, Ohio, a Corporation of Ohio. Renewed January 28, 1928.
- 67,301. SHEET-METAL CHAINS. Registered January 28, 1908. SMITH & EGGE MFG. CO., Bridgeport, Conn., a Corporation of Connecticut. Renewed January 28, 1928.
- 67,315. CANNED CORN. Registered January 28, 1908. ILLINOIS CANNING CO., Camden, N. J., and Hoopes-ton, Ill. Renewed January 28, 1928, to The Illinois Canning Co., Hoopes-ton, Ill., a Corporation of Illinois, assignee.
- 67,320. COCOA. Registered January 28, 1908. HENRY MAILLARD, New York, N. Y. Renewed January 28, 1928, to Henry Maillard, Inc., Long Island City, N. Y., a Corporation of New York, successor.
- 67,327. CARBON BLACK, LAMPBLACK, AND GAS BLACK. Registered January 28, 1908. GODFREY L. CABOT. Renewed January 28, 1928, to Godfrey L. Cabot, Inc., Boston, Mass., a Corporation of Massachusetts, assignee.
- 67,357. REMEDY FOR LAXATIVE AND BLOOD-PURIFYING PURPOSES. Registered January 28, 1908. IRON-ON REMEDY COMPANY, Detroit, Mich., a Corporation of Michigan. Renewed January 28, 1928.
- 67,377. PRINTING AND WRITING PAPER. Registered January 28, 1908. GRAHAM PAPER COMPANY, St. Louis, Mo., a Corporation of Missouri. Renewed January 28, 1928.
- 67,378. PRINTING AND WRITING PAPER. Registered January 28, 1908. GRAHAM PAPER COMPANY, St. Louis, Mo., a Corporation of Missouri. Renewed January 28, 1928.
- 67,477. MONTHLY PUBLICATIONS. Registered February 4, 1908. ELBERT HUBBARD. Renewed February 4, 1928, to The Roycrofters, East Aurora, N. Y., a Corporation of New York, successor.
- 67,502. CANNED PINEAPPLE. Registered February 4, 1908. PEARL CITY FRUIT COMPANY, LIMITED, Pearl City, and Honolulu, Territory of Hawaii. Renewed February 4, 1928, to Pearl City Fruit Co. Ltd., Honolulu, Territory of Hawaii, a Corporation of Territory of Hawaii.
- 67,549. COFFEE. Registered February 11, 1908. J. S. ELLIOTT. Renewed February 11, 1928, to J. S. Elliott Coffee Co., Newville, Pa., successor.
- 67,570. LADIES' MUSLIN UNDERGARMENTS. Registered February 11, 1908. RICE-STIX DRY GOODS COMPANY, St. Louis, Mo., a Corporation of Missouri. Renewed February 11, 1928.
- 67,574. COFFEE AND TEA. Registered February 11, 1908. ROSS W. WEIR & COMPANY. Renewed February 11, 1928, to Ross W. Weir & Co. Inc., New York, N. Y., a Corporation of New York, assignee.
- 67,598. SPRING BEDS. Registered February 11, 1908. M. A. HUNT & CO., Cincinnati, Ohio; Chattanooga, Tenn.; Louisville, Ky.; and Evansville, Ind. Renewed February 11, 1928, to The Royal Blue Bed Spring Company, Cincinnati, Ohio, a Corporation of Ohio, assignee by mesne assignments.
- 67,622. ALLOY OF METAL. Registered February 11, 1908. SMITH & EGGE MFG. CO., Bridgeport, Conn., a Corporation of Connecticut. Renewed February 11, 1928.
- 67,624. AROMATIC SCHIEDAM SCHNAPPS. Registered February 11, 1908. UDOLPHO WOLFE COMPANY, New York, N. Y. Renewed February 11, 1928, to Naamlooze Vennootschap Handelsvereniging Udolpho Wolfe Company, Rotterdam, Holland, a Corporation of Holland, assignee.
- 67,648. HOT-WATER HEATERS AND STEAM BOILERS FOR HEATING PURPOSES. Registered February 11, 1908. MODEL HEATING COMPANY, Philadelphia, Pa. Renewed February 11, 1928, to Richmond Radiator Company, New York, N. Y., a Corporation of Delaware, assignee.
- 67,651. STOVES AND RANGES. Registered February 11, 1908. ORBON STOVE AND RANGE CO. Renewed February 11, 1928, to Orbon Stove Co., Belleville, Ill., a Corporation of Delaware, assignee.
- 67,656. BOND PAPER AND LINEN ENVELOPES AND BRISTOL BOARDS. Registered February 11, 1908. UNION CARD & PAPER CO., New York, N. Y., a Corporation of New York. Renewed February 11, 1928.
- 67,706. CANNED FRUITS AND VEGETABLES. Registered February 18, 1908. HENRY P. CANNON. Renewed February 18, 1928, to H. P. Cannon & Son, Inc., Bridgeville, Del., a Corporation of Delaware, assignee.
- 67,787. LAXATIVE TABLETS. Registered February 18, 1908. THE M. A. WINTER CO., Washington, D. C., a Corporation of Virginia. Renewed February 18, 1928.
- 67,825. LEATHER BELTING. Registered February 18, 1908. CHICAGO BELTING COMPANY, Chicago, Ill., a Corporation of Illinois. Renewed February 18, 1928.
- 67,934. CERTAIN FOODS. Registered February 25, 1908. H. J. HEINZ COMPANY, Allegheny, Pa. Renewed February 25, 1928, to H. J. Heinz Company, Pittsburgh, Pa., a Corporation of Pennsylvania.
- 67,959. WATCHES. Registered February 25, 1908. SOUTH BEND WATCH COMPANY, South Bend, Ind., a Corporation of New Jersey. Renewed February 25, 1928.
- 68,050. STRINGS FOR MUSICAL INSTRUMENTS. Registered March 3, 1908. THE KAY GRAHAM CO., Portsmouth, Ohio. Renewed March 3, 1928.

LABELS

REGISTERED OCTOBER 4, 1927.

- 32,779.—Title: CLENZALL. For a Cleansing-Fluid Compound. RUDOLPH A. BASSETT, Los Angeles, Calif. Published January 15, 1927.
- 32,780.—Title: BEECH-NUT BISCUIT Dainties. BEECH-NUT MOLASSES CHIPS. For Bakery Goods—Namely, Molasses Chips. BEECH-NUT PACKING COMPANY, Canajoharie, N. Y. Published August 10, 1927.
- 32,781.—Title: BEECH-NUT LIME DROPS. For Candles—Namely, Lime Drops. BEECH-NUT PACKING COMPANY, Canajoharie, N. Y. Published October 18, 1926.
- 32,782.—Title: BEECH-NUT LEMON DROPS. For Candles—Namely, Lemon Drops. BEECH-NUT PACKING COMPANY, Canajoharie, N. Y. Published January 4, 1927.
- 32,783.—Title: BEECH-NUT BLACK COUGH DROPS. For Cough Drops. BEECH-NUT PACKING COMPANY, Canajoharie, N. Y. Published September 2, 1926.
- 32,784.—Title: BEECH-NUT BUTTER SCOTCH. For Candles—Namely, Butterscotch. BEECH-NUT PACKING COMPANY, Canajoharie, N. Y. Published July 15, 1926.
- 32,785.—Title: BEECH-NUT ANISE DROPS. For Candles—Namely, Anise drops. BEECH-NUT PACKING COMPANY, Canajoharie, N. Y. Published February 17, 1927.
- 32,786.—Title: BEECH-NUT ORANGE DROPS. For Candles—Namely, Orange Drops. BEECH-NUT PACKING COMPANY, Canajoharie, N. Y. Published October 27, 1926.
- 32,787.—Title: BEECH-NUT PEPPERMINT DROPS. For Candles—Namely, Peppermint Drops. BEECH-NUT PACKING COMPANY, Canajoharie, N. Y. Published December 4, 1926.
- 32,788.—Title: BEECH-NUT WINTERGREEN DROPS. For Candles—Namely, Wintergreen Drops. BEECH-NUT PACKING COMPANY, Canajoharie, N. Y. Published February 7, 1927.
- 32,789.—Title: BEECH-NUT CINNAMON DROPS. For Candles—Namely, Cinnamon Drops. BEECH-NUT PACKING COMPANY, Canajoharie, N. Y. Published February 7, 1927.
- 32,790.—Title: BEECH-NUT CLOVE DROPS. For Candles—Namely, Clove Drops. BEECH-NUT PACKING COMPANY, Canajoharie, N. Y. Published February 7, 1927.
- 32,791.—Title: MAGOZONE. For Oxygen Compound. F. M. EUGENE BLASS, New York, N. Y. Published April 1, 1927.
- 32,792.—Title: PALEKANA. For Medicinal Preparation. HANS A. BODE, doing business as Royal Hawaiian Laboratories, Honolulu, Territory of Hawaii. Published March 28, 1927.
- 32,793.—Title: HOOLA. For Medicinal Preparation. HANS A. BODE, doing business as Royal Hawaiian Laboratories, Honolulu, Territory of Hawaii. Published March 28, 1927.
- 32,794.—Title: ATLANTIC BIRD PALACE, PET SUPPLIES, AND HEALTH FOOD PRODUCTS. For Food Products and Supplies for Household Pets. HENRY L. BORUNT, Brooklyn, N. Y. Published June 17, 1927.
- 32,795.—Title: BRODEX WHOLE O' THE WHEAT BREAD. For Bread. W. H. BROOKS, San Francisco, Calif. Published March 3, 1927.
- 32,796.—Title: TRANSMISSIONS, CLUTCHES & CONTROLS. For Transmissions, Clutches, and Controls. BROWN-LIFE GEAR COMPANY, Syracuse, N. Y. Published August 1, 1927.
- 32,797.—Title: GOLD SEAL. For Barley-Malt Sirup. CAMDEN HARDWARE CO., Camden, N. J. Published August 22, 1927.
- 32,798.—Title: MELBA RUSK. For Whole-Wheat Melba Rusk. HARRY G. CURRIER, doing business as Cubison Cracker Company, Los Angeles, Calif. Published May 25, 1927.
- 32,799.—Title: RED FLAG. For Fresh Apples. EARL FRUIT COMPANY, Wenatchee, Wash. Published June 1, 1927.
- 32,800.—Title: BLUE & RED FLAG. For Fresh Apples. EARL FRUIT COMPANY, Wenatchee, Wash. Published June 1, 1927.
- 32,801.—Title: BLUE FLAG. For Fresh Apples. EARL FRUIT COMPANY, Wenatchee, Wash. Published June 1, 1927.
- 32,802.—Title: HALF MOON. For Fresh Oranges. GOLD BANNER ASSOCIATION, Redlands, Calif. Published July 23, 1927.
- 32,803.—Title: MARSHMALLOW-FREEZE. For a Frozen Confection. HOBART HALSTED, doing business as H. Halsted and E. Kaufman, Buffalo, N. Y. Published August 2, 1927.
- 32,804.—Title: YOUTH AND BEAUTY HAIR TONIC. For a Tonic for the Hair and Scalp. GEORGE VALENTINE HOLLAND, Chicago, Ill. Published June 15, 1927.
- 32,805.—Title: LAX-O-MINT. For Laxative Chewing Gum. LEON HURWITZ, doing business as Lax-O-Mint Company, Joplin, Mo. Published July 1, 1927.
- 32,806.—Title: JAN-U-WINE. For Chop Suey. JAN-U-WINE CHOP SUEY COMPANY, Los Angeles, Calif. Published May 21, 1927.
- 32,807.—Title: JONES'S NO-CHAP. For a Preparation for Sunburn, Windburn, Chapped Hands and Face, and After-Shaving Delight. HOMER L. JONES COMPANY, Kingston, Pa. Published July 20, 1927.
- 32,808.—Title: THE BOX BEAUTIFUL. For Engraved Greeting Cards for Everyday Use. KING CARD COMPANY, Philadelphia, Pa. Published October 1, 1925.
- 32,809.—Title: PURITAN. For Fresh Lettuce. GEORGE E. MANN, El Centro, Calif. Published June 8, 1927.
- 32,810.—Title: SAVE-A-COTE. For Enamels. MINERAL-LAC PAINT CO., INC., Philadelphia, Pa. Published July 14, 1927.
- 32,811.—Title: MAID O'CLOVER. For Ice Cream. MUTUAL CREAMERY COMPANY, Los Angeles, Calif. Published July 1, 1927.
- 32,812.—Title: GILT-EDGE. For Malt Sirup. PHILADELPHIA MALT EXTRACT COMPANY, Philadelphia, Pa. Published August 10, 1927.
- 32,813.—Title: PICKANINNY TWINS. For Cake Mixture. THE C. M. PITT & SONS COMPANY, Baltimore, Md. Published July 15, 1927.
- 32,814.—Title: MOHICAN. For Fresh Oranges. RED FOX ORCHARDS, Orange, Calif. Published July 20, 1927.
- 32,815.—Title: BLUE RIBBON. For Chewing Gum. DAVID ROBBINS, Brooklyn, N. Y. Published April 15, 1927.
- 32,816.—Title: SUNLIGHT WASHING COMPOUND. For Washing Compound. SALES SERVICE PRODUCTS CO., Miami, Fla. Published July 15, 1927.
- 32,817.—Title: DIXIE MAID MILK BREAD. For Bread. TEXAS BREAD COMPANY, Houston, Tex. Published June 28, 1927.
- 32,818.—Title: SANITARY NATURAL CREPE. For Toilet Paper. VAN PAPER SUPPLY CO., St. Paul, Minn. Published March 1, 1926.
- 32,819.—Title: VAN-GUARD. For Toilet Paper. VAN PAPER SUPPLY CO., St. Paul, Minn. Published March 1, 1926.
- 32,820.—Title: VAN-ITY. For Toilet Paper. VAN PAPER SUPPLY CO., St. Paul, Minn. Published March 1, 1926.
- 32,821.—Title: FARM BRAND. For Catchup. THE C. VON ALLEN PRESERVING CO., Louisville, Ky. Published August 11, 1927.
- 32,822.—Title: OH HENRY! For Candy. WILLIAMSON CANDY COMPANY, Chicago, Ill. Published June 2, 1927.
- 32,823.—Title: BULL DOG. For Automobile Tire Patches. HYMAN YAFFE, doing business as The Yaffe Tire Shoe Company, Los Angeles, Calif. Published March 1, 1927.

PRINTS

REGISTERED OCTOBER 4, 1927.

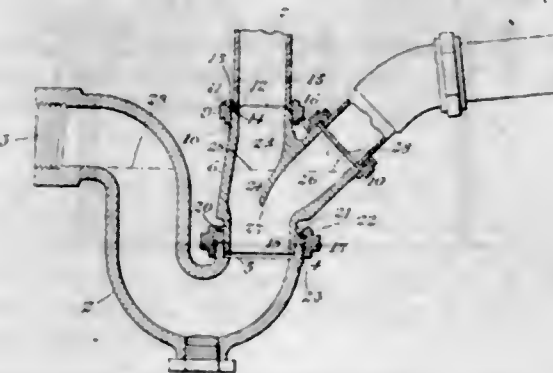
- 10,204.—Title: COSMETICS CAN NEITHER CURE NOR CONCEAL YOUR SKIN BLEMISHES. For Venetian Toilet Preparations. ARDEN CHEMICAL CO. INC., doing business as Elizabeth Arden, New York, N. Y. Published July 19, 1927.
- 10,205.—Title: CONSTIPATION, FAULTY DIGESTION, METABOLISM. For Oxygen-Therapy. F. M. EUGENE BLASS, New York, N. Y. Published October 1, 1923.
- 10,206.—Title: MILLIONS AND MILLIONS OF PEOPLE ARE PUSHING HOMMER SPRING HINGES WHEN OPENING DOORS. For Spring Hinges. EMIL HOMMER, doing business as Bommer Spring Hinge Company, Brooklyn, N. Y. Published July 7, 1927.
- 10,207.—Title: CARTER'S CHAMPION CHICKS. For Baby Chicks. OTIS A. CARTER, doing business as Carter's Hatchery, Eldorado, Ill. Published May 1, 1927.
- 10,208.—Title: PERFUME MOODS OF ADA MAY. For Perfume. CORY, INC., Wilmington, Del., and New York, N. Y. Published Aug. 15, 1927.
- 10,209.—Title: TEETHING TROUBLES USUALLY DUE TO UNWISE FEEDING. For Wheat Breakfast Food. CREAM OF WHEAT CO., Minneapolis, Minn. Published July 20, 1927.
- 10,210.—Title: TEACHERS SAY—THIS PLAN WORKS WONDERS! For Wheat Breakfast Food. CREAM OF WHEAT CO., Minneapolis, Minn. Published August 10, 1927.
- 10,211.—Title: BY GINGER! IT'S GOOD. For Ginger Ale. GENERAL OUTDOOR ADVERTISING CO., INC., New York, N. Y. Published July 1, 1926.
- 10,212.—Title: QUICK FIRE HARLAN. For Coal. WILLIAM S. HARMAN, Columbus, O. Published February 7, 1927.
- 10,213.—Title: THERE IS NO SATISFACTORY SHORT-CUT IN ROASTING COFFEE. For Coffee. HILLS BROS., San Francisco, Calif. Published February 4, 1927.
- 10,214.—Title: FREE ACCEPT THIS GIFT FROM HILLS BROS.—JUST SEND THE COUPON. For Coffee. HILLS BROS., San Francisco, Calif. Published February 3, 1927.
- 10,215.—Title: A WESTERNER IS NEVER AWAY FROM HOME WHEN HE CAN BUY HILLS BROS COFFEE. For Coffee. HILLS BROS., San Francisco, Calif. Published February 2, 1927.
- 10,216.—Title: THE INVIGORATING DRINK OF THE WEST—HILLS BROS COFFEE. For Coffee. HILLS BROS., San Francisco, Calif. Published February 11, 1927.
- 10,217.—Title: BACK YOU WILL COME FOR MORE HILLS BROS COFFEE. For Coffee. HILLS BROS., San Francisco, Calif. Published February 18, 1927.
- 10,218.—Title: CONTROLLED ROASTING GIVES HILLS BROS COFFEE A FLAVOR YOU CAN'T FORGET OR MATCH. For Coffee. HILLS BROS., San Francisco, Calif. Published April 17, 1927.
- 10,219.—Title: COOKING FOOD AND ROASTING COFFEE ARE CLOSELY RELATED. For Coffee. HILLS BROS., San Francisco, Calif. Published April 14, 1927.
- 10,220.—Title: NOW A NEW AND BETTER CAN FOR HILLS BROS COFFEE. For Coffee. HILLS BROS., San Francisco, Calif. Published April 1, 1927.
- 10,221.—Title: SHOULDN'T COFFEE BE MORE THAN SOMETHING HOT TO DRINK? For Coffee. HILLS BROS., San Francisco, Calif. Published March 25, 1927.
- 10,222.—Title: CONTROLLED ROASTING MAKES HILLS BROS COFFEE YIELD AN EXTRA MEASURE OF FLAVOR. For Coffee. HILLS BROS., San Francisco, Calif. Published March 17, 1927.
- 10,223.—Title: EXPLORE WHERE YOU WILL—YOU'LL FIND NO COFFEE TO COMPARE WITH HILLS BROS. For Coffee. HILLS BROS., San Francisco, Calif. Published March 17, 1927.
- 10,224.—Title: AROMA, FLAVOR, STRENGTH, AND FRESHNESS—ALL PRESENT IN HILLS BROS COFFEE. For Coffee. HILLS BROS., San Francisco, Calif. Published May 18, 1927.

- 10,225.—Title: IN ALL THE WORLD THERE'S NO OTHER COFFEE WITH THE FLAVOR OF HILLS BROS. For Coffee. HILLS BROS., San Francisco, Calif. Published March 23, 1927.
- 10,226.—Title: CONTROLLED ROASTING IS HILLS BROS' PROCESS, BUT THE FINE FLAVOR IT CREATES IS YOURS. For Coffee. HILLS BROS., San Francisco, Calif. Published January 9, 1927.
- 10,227.—Title: THAT FLAVOR OF HILLS BROS COFFEE IS UNLIKE ANY THAT EVER PASSED YOUR LIPS. For Coffee. HILLS BROS., San Francisco, Calif. Published April 27, 1927.
- 10,228.—Title: HILLS BROS' DISCOVERY OF CONTROLLED ROASTING MADE COFFEE DRINKING A NEW JOY. For Coffee. HILLS BROS., San Francisco, Calif. Published January 14, 1927.
- 10,229.—Title: SATISFY YOUR LONGING FOR PERFECT COFFEE WITH A CUP OF HILLS BROS. For Coffee. HILLS BROS., San Francisco, Calif. Published May 4, 1927.
- 10,230.—Title: EACH SIP REPEATS THE GOODNESS OF HILLS BROS COFFEE. For Coffee. HILLS BROS., San Francisco, Calif. Published January 28, 1927.
- 10,231.—Title: YOUR TASTE NEVER MET COFFEE SO EXQUISITE IN FLAVOR AS HILLS BROS. For Coffee. HILLS BROS., San Francisco, Calif. Published May 11, 1927.
- 10,232.—Title: WESTERN HOSPITALITY ALWAYS OFFERS ITS BEST... HILLS BROS COFFEE. For Coffee. HILLS BROS., San Francisco, Calif. Published May 19, 1927.
- 10,233.—Title: THE AROMA OF HILLS BROS COFFEE SAYS, 'WAIT TILL YOU TASTE THE FLAVOR.' For Coffee. HILLS BROS., San Francisco, Calif. Published June 5, 1927.
- 10,234.—Title: LOOK FOR THE ARAB... IT IDENTIFIES THE GENUINE HILLS BROS COFFEE. For Coffee. HILLS BROS., San Francisco, Calif. Published January 14, 1927.
- 10,235.—Title: CONTROLLED ROASTING IS HILLS BROS' GUARANTEE OF EXCELLENCE. For Coffee. HILLS BROS., San Francisco, Calif. Published June 10, 1927.
- 10,236.—Title: IT'S NOT ONLY RIVERS AND MOUNTAINS THAT BOUND THE WEST, BUT HILLS BROS COFFEE! For Coffee. HILLS BROS., San Francisco, Calif. Published February 27, 1927.
- 10,237.—Title: FREE A BOOKLET YOU WILL WANT TO KEEP AND REFER TO WHEN GUESTS COME. For Coffee. HILLS BROS., San Francisco, Calif. Published January 26, 1927.
- 10,238.—Title: AS YOU DRINK—YOUR TASTE REVEALS IN THE FLAVOR OF HILLS BROS COFFEE. For Coffee. HILLS BROS., San Francisco, Calif. Published March 16, 1927.
- 10,239.—Title: GENUINE... A WESTERN GREETING AND A CUP OF HILLS BROS COFFEE. For Coffee. HILLS BROS., San Francisco, Calif. Published March 9, 1927.
- 10,240.—Title: THERE ARE SO MANY COFFEES—IT PAYS TO ASK FOR HILLS BROS. For Coffee. HILLS BROS., San Francisco, Calif. Published June 15, 1927.
- 10,241.—Title: MILLIONS OF TASTES HAVE APPROVED THE MATCHLESS FLAVOR OF HILLS BROS COFFEE. For Coffee. HILLS BROS., San Francisco, Calif. Published June 22, 1927.
- 10,242.—Title: HOLD IT! For Handkerchiefs. THE INTERNATIONAL HDKF. MFG. CO., New York, N. Y. Published July 6, 1927.
- 10,243.—Title: PAINTS OF THE BETTER KIND. For Paints. FRANK M. KENNEDY PAINT & COLOR COMPANY, Newark, N. J. Published July 20, 1927.
- 10,244.—Title: A SOUVENIR WHICH HAS DONE CREDIT TO OUR NATION. For Souvenir Coin or Pocket Piece. THOMAS J. SYLVESTER, doing business as Thomas Sylvester, Philadelphia, Pa. Published June 11, 1927.
- 10,245.—Title: EQUAL PORTION—EQUAL SERVICE. For Pie and Cake and Similar Food Dividing Machines. TURNQUIST CORPORATION, Los Angeles, Calif. Published August 11, 1927.

REISSUES

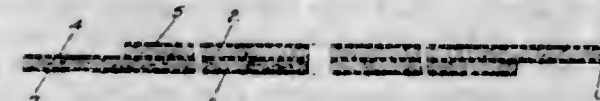
OCTOBER 4, 1927.

- 16,752. DRAIN TRAP. GEORGE D. CASPER, New York, N. Y., assignor of one-half to William W. Schusky, Long Island City, N. Y. Filed Aug. 3, 1927. Serial No. 210,448. Original No. 1,571,707, dated Feb. 2, 1926. Serial No. 630,710, filed Apr. 9, 1923. 1 Claim. (Cl. 182—18.)



A self-cleaning drain trap having a water seal and embodying a member having an outlet and a juncture portion on the inlet part thereof below the water seal surface, an inlet member having a portion to fit said juncture portion of the first-mentioned member and having two pipe connections both above the water seal, joining branch passages separated by a wall that is above said juncture portion and whose lower edge is below the water seal surface whereby the inlet pipes are water-sealed from each other, and in which inlet member the area of the lower orifice thereof exceeds any single cross section of either of said branch passages, and means below the water seal surface whereby the first-mentioned member and the member having said pipe connections are joined together at said juncture portion.

- 16,753. INSULATING AND PLASTER-HOLDING WALL AND CEILING COVERING. WILLIAM E. NELSON and THOMAS B. HENNESSEY, Minneapolis, Minn.; said Hennessey assignor to said Nelson. Filed June 17, 1927. Serial No. 199,613. Original No. 1,593,981, dated Sept. 7, 1926. Serial No. 92,541, filed Mar. 5, 1926. 7 Claims. (Cl. 72—16.)



7. Heat and sound insulating material comprising in combination a sheet of unsaturated felt with a layer of asphalt upon the face thereof forming a surface adapted to receive plaster.

- 16,754. LINING FOR DENTAL PLATES AND PROCESS OF PREPARING THE SAME. ERNEST K. PETERS, Fresno, Calif. Filed May 28, 1927. Serial No. 195,183. Original No. 1,589,552, dated June 22, 1926. Serial No. 720,473, filed June 10, 1924. 7 Claims. (Cl. 32—4.)
1. The method of producing a metallic lining for dental plates which consists in coating one side thereof with an amalgam having a relatively high mercury content, then subjecting the same to heat sufficient to cause rapid volatilization of the mercury and produce a spongy surface.

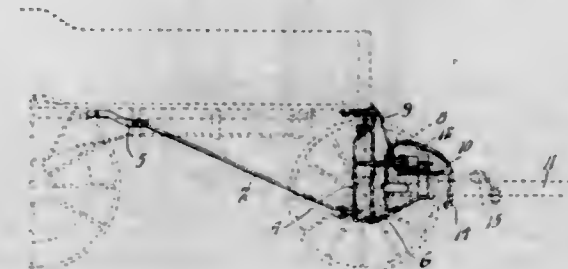
363 O. G.—4

- 16,755. PROCESS OF MAKING SHEET GLASS. LES SHOWERS, Charleroi, Pa., assignor to Pittsburgh Plate Glass Company, a Corporation of Pennsylvania. Filed Aug. 16, 1927. Serial No. 213,423. Original No. 1,603,989, dated Oct. 19, 1926. Serial No. 81,949, filed Jan. 18, 1926. 4 Claims. (Cl. 40—87.)



4. A process of making a glass sheet, which consists in forming the sheet at a relatively high rate of speed from a body of molten glass, feeding the sheet into and partially through a lehr at the speed of its formation, and then feeding it onward through the lehr at a lower rate of speed.

- 16,756. DRAFT ATTACHMENT FOR VEHICLES. THEODORE TORRELSON, Mabel, Minn. Filed Apr. 22, 1926. Serial No. 103,976. Original No. 1,526,189, dated Feb. 10, 1925. Serial No. 598,354, filed Nov. 1, 1922. 7 Claims. (Cl. 278—1.)

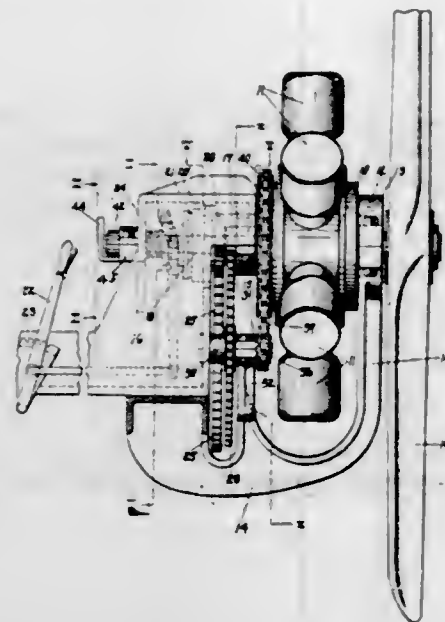


1. A draft attachment for vehicles having a body, a crossbar supported forwardly of the body, and guards mounted on the crossbar adjacent the outer ends thereof, said guards extending downwardly from the crossbar and being rearward of a whiffle-tree in position to be engaged thereby for regulating the backward movement of the whiffle-tree.

- 16,757. MECHANISM FOR FACILITATING THE STARTING OF INTERNAL-COMBUSTION ENGINES. CHARLES Y. KNIGHT, Pasadena, Calif., assignor to The Knight American Patents Company, Chicago, Ill., a Corporation of Delaware. Filed Dec. 8, 1919. Serial No. 343,371. Original No. 1,305,905, dated June 3, 1919. Serial No. 258,527, filed Oct. 17, 1916. 14 Claims. (Cl. 123—44.)

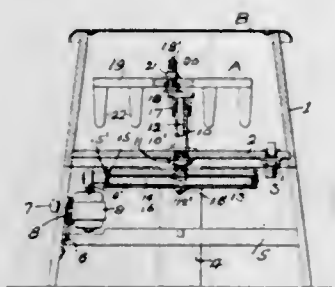
1. In combination, a motor having the frame member thereof mounted for rotation and having a crank shaft arranged to rotate relative to said frame during the

operation of said motor, means for supporting said frame and shaft to rotate in unison with one another, and means



for stopping the rotation of said shaft to cause relative rotation of said frame and shaft for the purpose of starting the operation of said motor.

16,755. WASHING MACHINE. BENN P. CHURCHILL and WILLIAM J. CHURCHILL, Milwaukee, Wis. Filed Feb. 9, 1925. Serial No. 8,010. Original No. 1,447,760, dated Mar. 6, 1923, Serial No. 520,798, filed Dec. 8, 1921. 3 Claims. (Cl. 68-15.)

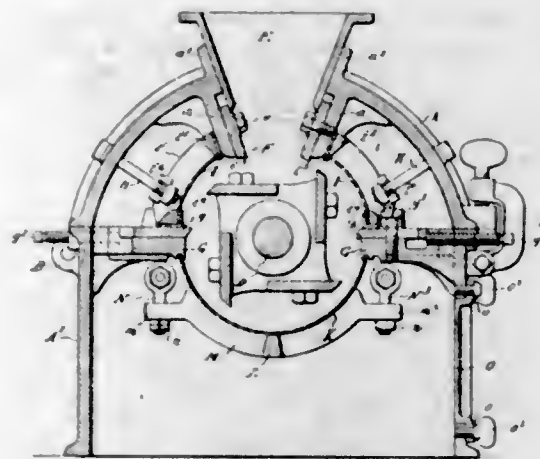


1. A washing machine comprising a leg supported tub, a tubular bearing extending upwardly through the bottom of the tub, a spindle mounted in the tubular bearing, a drive mechanism for the spindle, the same being positioned under the tub bottom and located within the leg portions thereof, whereby the driving mechanism is protected, a crank pin extending upwardly from the spindle, and an agitator detachably mounted upon the crank pin, the agitator including a series of depending fingers.

16,759. GRAIN-CRACKING MACHINE. SIMON SNYDER, Muncy, Pa., assignor to Sprout, Waldron & Co., Muncy, Pa., a Corporation of Pennsylvania. Filed Aug. 17, 1927. Serial No. 213,713. Original No. 1,560,433, dated Nov. 3, 1925, Serial No. 759,077, filed Dec. 31, 1924. 19 Claims. (Cl. 83-6.)

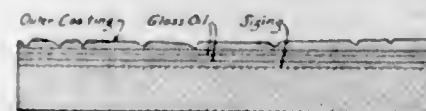
1. A grain cracking or reducing machine comprising a casing composed of upper and lower members and having a rotary cutter therein and knives or cutters projecting inwardly from opposite sides thereof in co-operative relation to said rotary cutter; the lower casing

member having a curved perforated plate therein arranged below the rotary cutter, and the upper casing member having a feed hopper and receiving chambers on opposite sides thereof into which granulated material is thrown by said rotary cutter and caused to pass by gravity



into the lower casing member; said receiving chambers having curved perforated plates spaced from the inner walls of the upper casing member and having openings in the bottoms thereof for the passage of granulated material therethrough.

16,760. PROCESS OF FORMING AN ARTISTIC PAINT FINISH. CHARLES H. EGELHOFF, Columbus, Ohio. Filed June 25, 1927. Serial No. 201,547. Original No. 1,600,723, dated Sept. 21, 1926, Serial No. 84,246, filed Jan. 27, 1926. 4 Claims. (Cl. 91-68.)

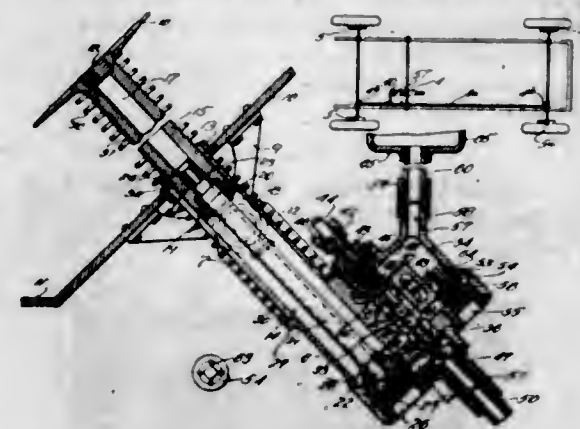


1. The method of applying a finish to a surface, consisting in applying to the surface two distinct liquid coatings having different drying characteristics, the first coating standing a short time before applying the second coating, the under coating having a relatively smooth surface and the outer of a plastic character, the differences in the drying characteristics of the two coatings being such as to cause the plastic coating to slip upon the under coating causing portions of the plastic coat to assume a raised or embossed character.

16,761. BRAKING APPARATUS. MALCOLM LOUGHEAD, Detroit, Mich., assignor, by mesne assignments, to Hydraulic Brake Company, Los Angeles, Calif., a Corporation of California. Filed Mar. 28, 1925. Serial No. 19,180. Original No. 1,495,231, dated May 27, 1924, Serial No. 431,334, filed Dec. 17, 1920. 21 Claims. (Cl. 188-152.)

20. A hydraulic braking system comprising hydraulically actuated brake-applying wheel cylinders, a liquid reservoir, a compressor including a master cylinder communicating with the wheel cylinders, retractile means therefor, operating independently of the back pressure

from the wheel cylinders to replenish said master cylinder from the reservoir by suction, and valve means



interposed between the compressor and the wheel cylinders for preventing a complete relief of the positive pressure in the wheel cylinders.

16,762. FILM SPOOL. HERMAN A. DE VRY, Chicago, Ill., assignor to The De Vry Corporation, Chicago, Ill., a Corporation of Illinois. Filed Aug. 28, 1927. Serial No. 215,747. Original No. 1,620,605, dated Mar. 8, 1927, Serial No. 133,536, filed Sept. 4, 1926. 8 Claims. (Cl. 242-71.)

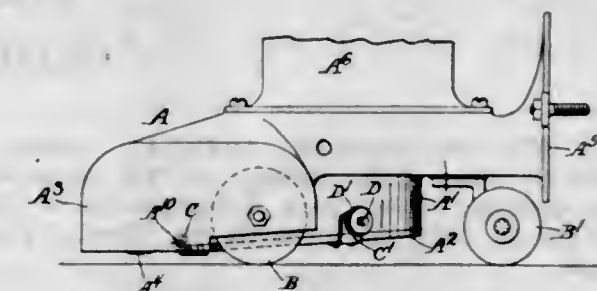


4. A film spool comprising a hub and sides; one of the sides having a circular opening to receive the circular end of a shaft, and the other with an opening having a plurality of outwardly extending notches shaped to receive the key on a cylindrical shaft or the corners of a polygonal shaft of predetermined size, and inwardly crowned margins between the notches to fit the central portions of the sides of a polygonal shaft or the periphery of a cylindrical shaft with a key, to form driving connections with either of such shafts.

16,763. SUCTION SWEEPER. HOWARD EARL HOOVER, Glencoe, Ill., assignor, by mesne assignments, to The Hoover Company, North Canton, Ohio, a Corporation of Ohio. Filed Dec. 14, 1925. Serial No. 75,459. Original No. 1,483,977, dated Feb. 19, 1924, Serial No. 348,746, filed Jan. 2, 1920. 10 Claims. (Cl. 15-9.)

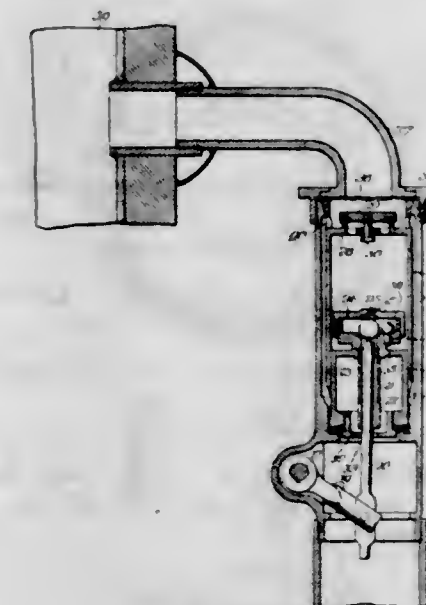
9. In a suction cleaner casing, a cast metal fan chamber having an inlet opening, a collecting nozzle having

its top side integral with said fan chamber and its bottom side formed with an open channel which communi-



cates with said opening, and a bottom plate detachably secured to said nozzle and completing said channel.

16,764. FLUSHING VALVE. WILLIAM SEARS WHITE, Denver, Colo. Filed July 22, 1926. Serial No. 124,281. Original No. 1,511,927, dated Oct. 14, 1924, Serial No. 652,126, filed July 17, 1923. 13 Claims. (Cl. 137-93.)

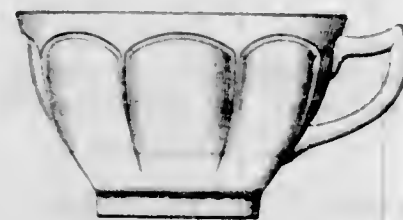


1. In a flush valve mechanism having a fluid inlet port and a fluid outlet port and a connecting passageway, a fluid storage chamber adjacent said passageway, a valve between said chamber and passageway for controlling communication between said inlet and outlet ports, said valve having an auxiliary chamber therein and an orifice communicating between said auxiliary chamber and said storage chamber and a second orifice communicating between said auxiliary chamber and said passageway, gravity operated means normally closing one and substantially closing the other of said orifices, and manually operable means for displacing the means closing the second said orifice for opening the same.

DESIGNS

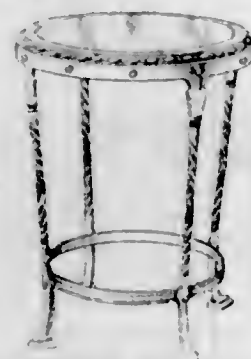
OCTOBER 4, 1927.

73,549. CUP OR SIMILAR ARTICLE. GEORGE R. AHRENDTS, Niles, Ohio, assignor to The Atlas-Globe China Company, Niles, Ohio, a Corporation of Ohio. Filed Apr. 29, 1927. Serial No. 21,790. Term of patent 7 years.



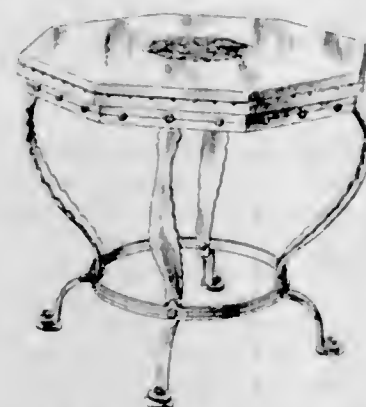
The ornamental design for a cup or similar article, as shown.

73,550. TABLE. OSCAR B. BACH, New York, N. Y. Filed May 26, 1927. Serial No. 22,176. Term of patent 3 1/4 years.



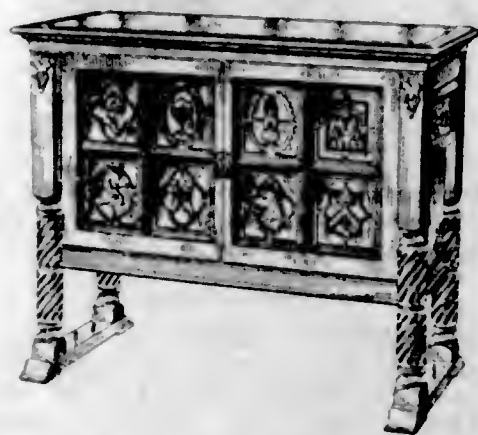
The ornamental design for a table, as shown.

73,551. TABLE. OSCAR B. BACH, New York, N. Y. Filed May 26, 1927. Serial No. 22,177. Term of patent 3 1/4 years.



The ornamental design for a table, as shown.

73,552. CABINET. OSCAR B. BACH, New York, N. Y. Filed May 26, 1927. Serial No. 22,182. Term of patent 3 1/4 years.



The ornamental design for a cabinet, as shown.

73,553. ASH TRAY. OSCAR B. BACH, New York, N. Y. Filed May 26, 1927. Serial No. 22,187. Term of patent 3 1/4 years.



The ornamental design for an ash tray, as shown.

73,554. RING. GEORGE C. BECKSTEIN, Buffalo, N. Y. Filed Apr. 26, 1927. Serial No. 21,728. Term of patent 7 years.



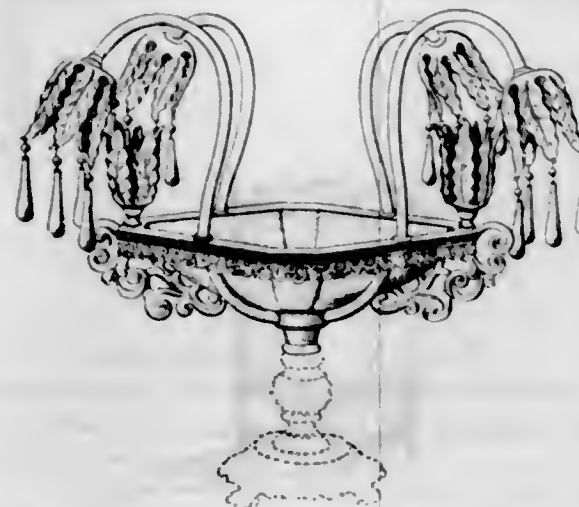
The ornamental design for a ring, as shown.

OCTOBER 4, 1927

U. S. PATENT OFFICE.

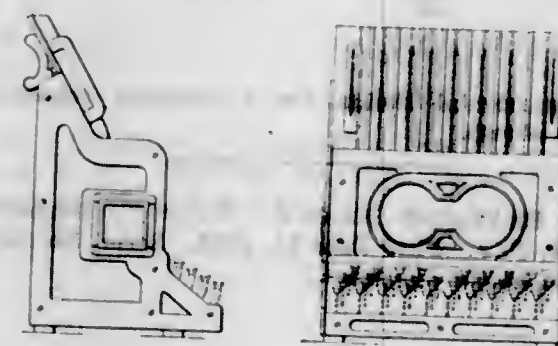
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73,555. LIGHTING FIXTURE. MAURICE BLOCK, Chicago, Ill., assignor to Block Porteller Company, Chicago, Ill., a Corporation of Illinois. Filed June 27, 1927. Serial No. 22,578. Term of patent 3 1/4 years.



The ornamental design for a lighting fixture substantially as shown.

73,556. CASING FOR A COIN-DELIVERY MACHINE. EDWARD J. BRANDT, Watertown, Wis., assignor to Brandt Automatic Cashier Co., Watertown, Wis. Filed June 1, 1926. Serial No. 17,907. Term of patent 14 years.



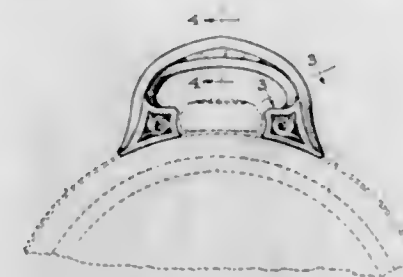
The ornamental design for a casing for a coin-delivery machine, as shown.

73,557. FLOWER HOLDER. FREDERICK CARDER, Corning, N. Y. Filed July 8, 1927. Serial No. 22,694. Term of patent 14 years.



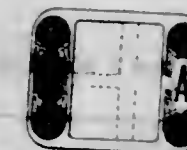
The ornamental design for a flower holder as shown.

73,558. WATCHCASE BOW. ARTHUR P. CONANT, Fort Thomas, Ky., assignor to The Wadsworth Watch Case Company, Dayton, Ky., a Corporation of Kentucky. Filed July 9, 1927. Serial No. 22,718. Term of patent 14 years.



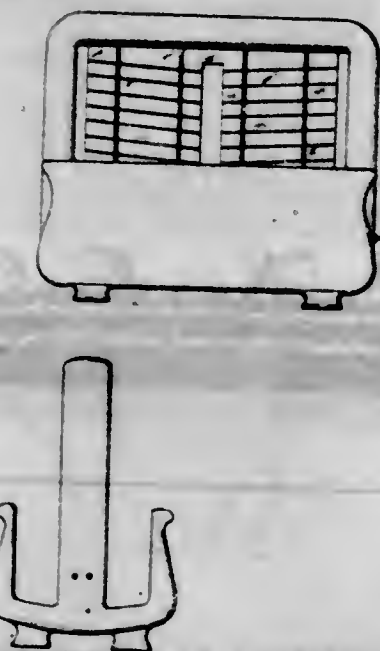
The ornamental design for a watchcase bow, substantially as shown.

73,559. BUCKLE. FRANK P. DAUGHADAY, Norton, Mass. Filed May 5, 1927. Serial No. 21,861. Term of patent 3 1/4 years.



The ornamental design for a buckle, as shown and described.

73,560. ELECTRIC HEATER. GEORGE EATON, Cleveland, Ohio, assignor to May C. Eaton, Cleveland, Ohio. Filed Apr. 8, 1927. Serial No. 21,505. Term of patent 14 years.



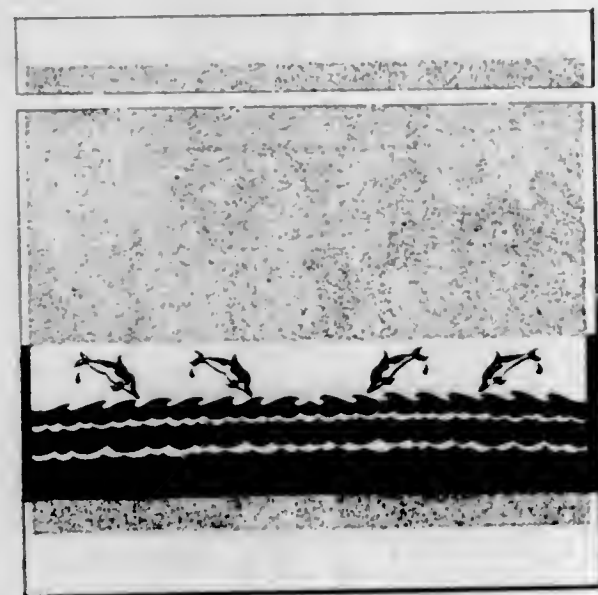
The ornamental design for an electric heater, as shown.

73,561. STOCKING. JOHN E. FITZGIBBON, Milwaukee, Wis., assignor to Phoenix Hosiery Company, Milwaukee, Wis., a Corporation of Wisconsin. Filed Mar. 30, 1927. Serial No. 21,407. Term of patent 14 years.



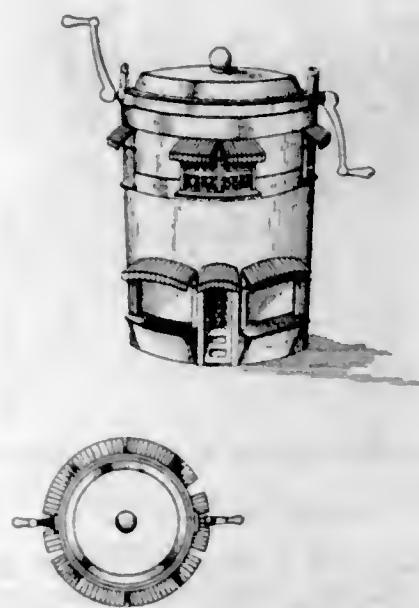
The ornamental design for a stocking as shown.

73,562. TOWEL OR THE LIKE. BURT V. FLANNERY, Philadelphia, Pa., assignor to Cannon Manufacturing Company, Kannapolis, N. C., a Corporation of North Carolina. Filed Nov. 3, 1926. Serial No. 10,579. Term of patent 3½ years.



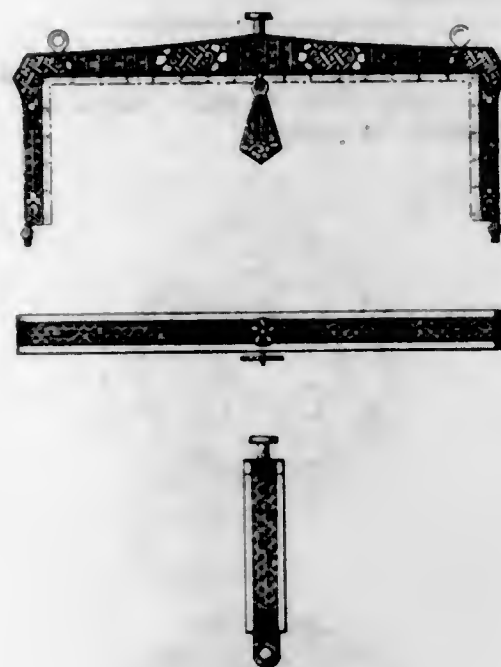
The ornamental design for a towel or the like, substantially as shown.

73,563. PORTABLE REFRESHMENT BOOTH. LAWRENCE A. FLEMING, Fairmont, W. Va. Filed Jan. 22, 1927. Serial No. 20,467. Term of patent 14 years.



The ornamental design for a portable refreshment booth, as shown.

73,564. HAND-BAG FRAME. WOLF T. GOLDSMITH, Newark, N. J. Filed June 14, 1927. Serial No. 22,424. Term of patent 3½ years.



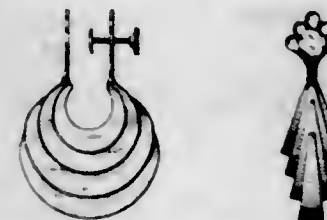
The ornamental design for a hand bag frame, substantially as shown.

73,565. HAND-BAG FRAME. WOLF T. GOLDSMITH, Newark, N. J. Filed June 14, 1927. Serial No. 22,425. Term of patent 3½ years.



The ornamental design for a hand bag frame, substantially as shown.

73,566. EARRING. RICHARD HAHN, Kew Gardens, N. Y. Filed June 30, 1927. Serial No. 22,623. Term of patent 7 years.



The ornamental design for an earring substantially as shown.

73,567. SANDWICH HOLDER. ISIDORE HIRTZ, New York, N. Y. Filed Oct. 24, 1925. Serial No. 15,239. Term of patent 7 years.



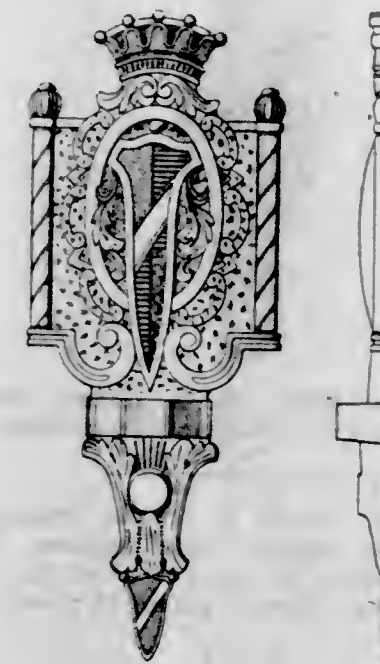
The ornamental design for a sandwich holder as shown.

73,568. LIGHTING-FIXTURE PART OR ANALOGOUS ARTICLE. JULIUS HOROWITZ, New York, N. Y., assignor to Eagle Lites, Inc., a Corporation of New York. Filed Aug. 13, 1927. Serial No. 23,079. Term of patent 3½ years.



The ornamental design for a lighting fixture part or analogous article substantially as shown.

73,569. LIGHTING-FIXTURE BACKPLATE OR ANALOGOUS ARTICLE. JULIUS HOROWITZ, New York, N. Y., assignor to Eagle Lites, Inc., a Corporation of New York. Filed Aug. 13, 1927. Serial No. 23,080. Term of patent 3½ years.



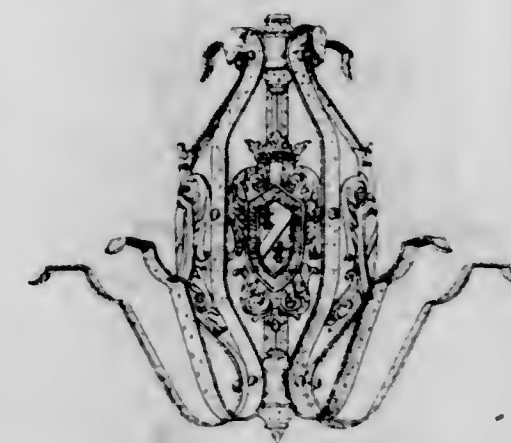
The ornamental design for a lighting fixture backplate or analogous article substantially as shown.

73,570. POWDER BOX. GEORGES HURET, Paris, France, assignor to Societe Anonyme Jean Patou, Paris, France. Filed May 23, 1927. Serial No. 22,131. Term of patent 3½ years.



The ornamental design for a powder box substantially as shown.

73,571. CHANDELIER OR ARTICLE OF SIMILAR NATURE. ISAAC LEVY, Brooklyn, N. Y. Filed Aug. 10, 1927. Serial No. 23,045. Term of patent 3½ years.



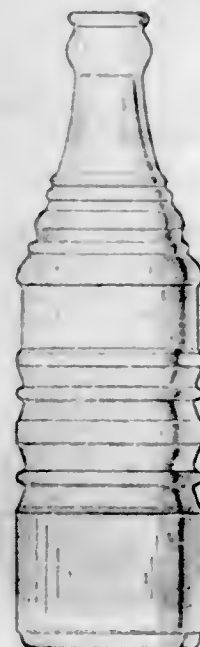
The ornamental design for a chandelier or article of similar nature substantially as shown.

73,572. LIGHTING-FIXTURE BACKPLATE OR ANALOGOUS ARTICLE. ISAAC LEVY, Brooklyn, N. Y. Filed Aug. 10, 1927. Serial No. 23,046. Term of patent $3\frac{1}{2}$ years.



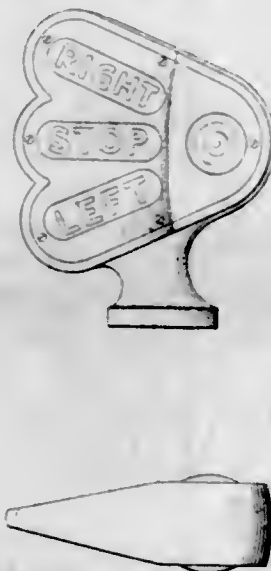
The ornamental design for a lighting fixture backplate or analogous article substantially as shown.

73,573. BOTTLE. FRANK R. MILLER, Evansville, Ind., assignor to The Graham Glass Company, Evansville, Ind., a Corporation of Indiana. Filed Nov. 23, 1925. Serial No. 15,509. Term of patent 14 years.



The ornamental design for a bottle, substantially as shown.

73,574. SIGNAL BOX. JOHN S. MOORE, Springfield, Mo. Filed June 28, 1927. Serial No. 22,588. Term of patent 7 years.



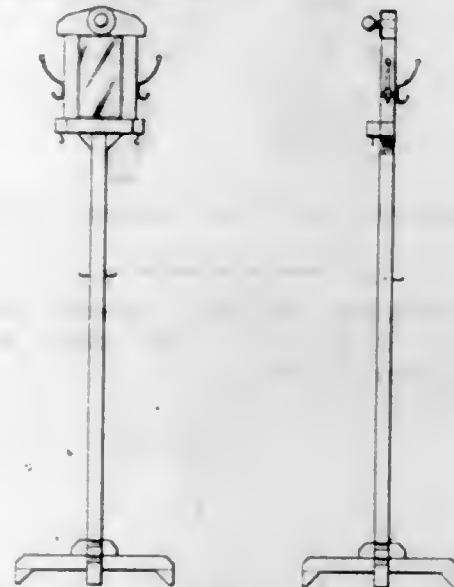
The ornamental design for a signal box, as shown.

73,575. TEXTILE FABRIC. BENJAMIN NATHAN, New York, N. Y. Filed June 30, 1927. Serial No. 22,617. Term of patent 7 years.



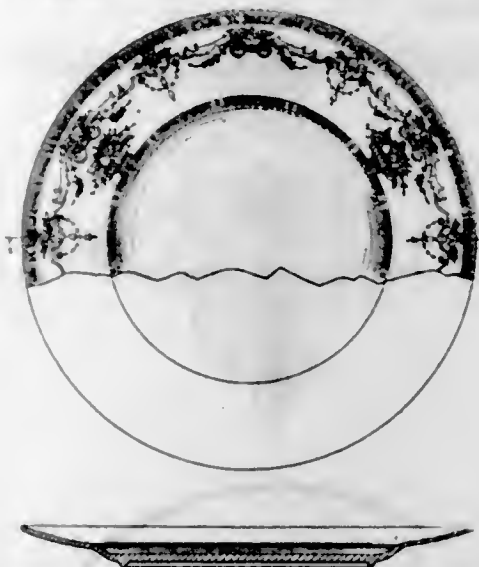
The ornamental design for a textile fabric substantially as shown.

73,576. COSTUMER. WILLIAM PRESTON NEAL, Louisville, Ky. Filed Feb. 1, 1927. Serial No. 20,573. Term of patent 7 years.



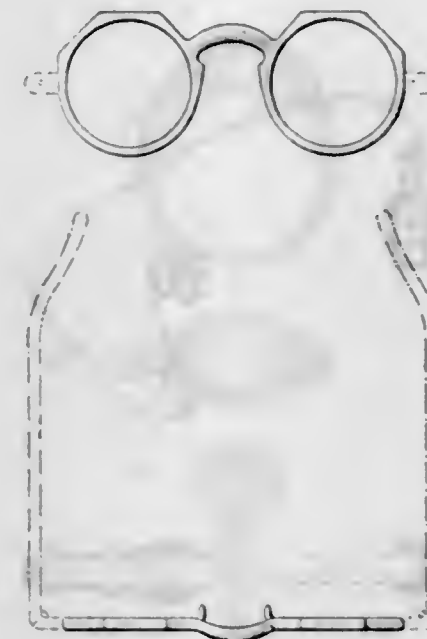
The ornamental design for a costumer substantially as shown.

73,577. PLATE OR SIMILAR ARTICLE. CHARLES JOHN NOKE, Stoke-on-Trent, England, assignor to William S. Pitcairn Corporation, New York, N. Y., a Corporation of New York. Filed Apr. 7, 1927, Serial No. 21,502, and in Great Britain Mar. 4, 1927. Term of patent 7 years.



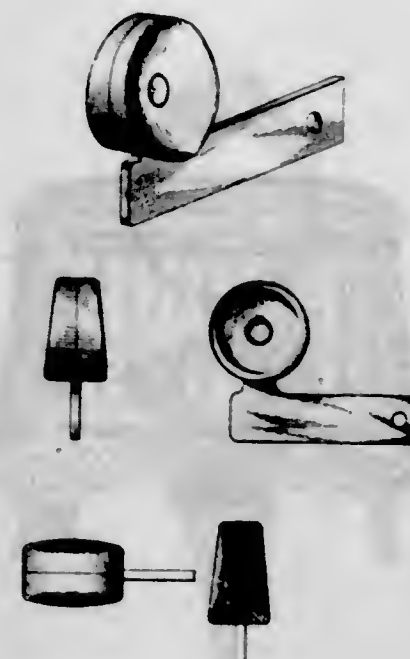
The ornamental design for a plate or similar article as shown and described.

73,578. SPECTACLE FRAME. EMANUEL PAPPERT, New York, N. Y. Filed Feb. 3, 1927. Serial No. 20,601. Term of patent $3\frac{1}{2}$ years.



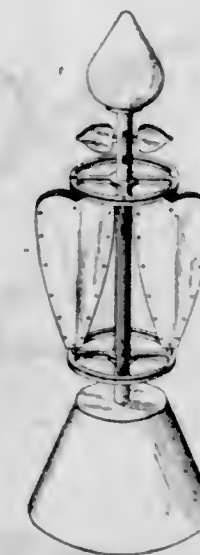
The ornamental design for a spectacle frame, as shown.

73,579. ELECTRIC-SWITCH MEMBER. CLARENCE D. PLATT, Bridgeport, Conn. Filed July 15, 1925. Serial No. 14,097. Term of patent 14 years.



The ornamental design for an electric switch member substantially as shown.

73,580. ADVERTISING SIGN. URIAH ROBERTS, Berryville, Ark. Filed June 29, 1927. Serial No. 22,606. Term of patent 14 years.



The ornamental design for an advertising sign as shown.

73,581. BRIDGE LAMP. JOHN B. SALTERINI, New York, N. Y. Filed June 18, 1927. Serial No. 22,493. Term of patent $3\frac{1}{2}$ years.



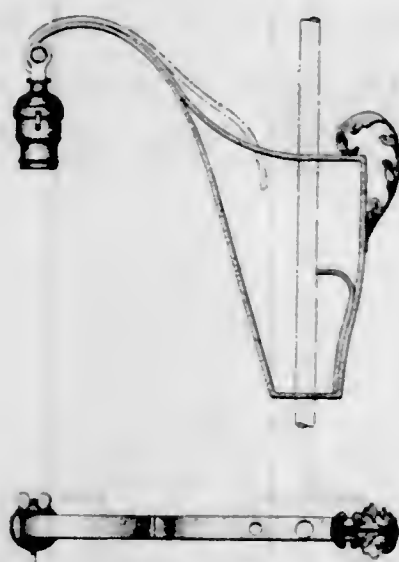
The ornamental design for a bridge lamp as shown.

73,582. LAMP ARM. JOHN B. SALTERINI, New York, N. Y. Filed June 18, 1927. Serial No. 22,494. Term of patent $3\frac{1}{2}$ years.



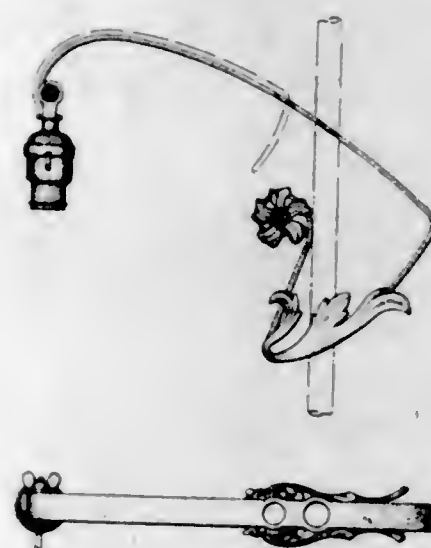
The ornamental design for a lamp arm as shown.

73,583. LAMP ARM. JOHN B. SALTERINI, New York, N. Y. Filed June 18, 1927. Serial No. 22,495. Term of patent $3\frac{1}{2}$ years.



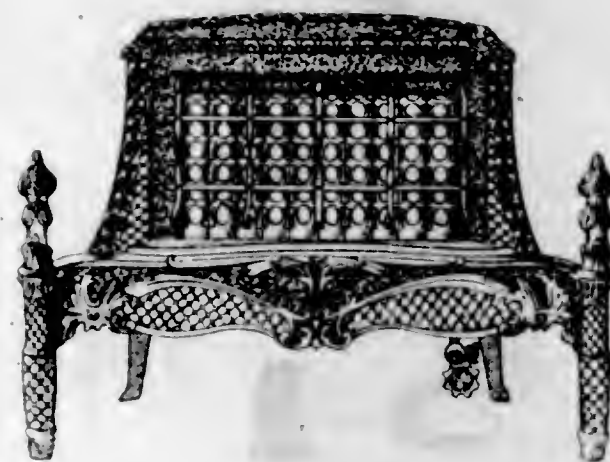
The ornamental design for a lamp arm as shown.

73,584. LAMP ARM. JOHN B. SALTERINI, New York, N. Y. Filed June 18, 1927. Serial No. 22,496. Term of patent $3\frac{1}{2}$ years.



The ornamental design for a lamp arm as shown.

73,585. GAS HEATER. WILLIAM L. SHARP, Steubenville, Ohio, assignor to The Ohio Foundry and Manufacturing Co., Steubenville, Ohio, a Corporation of Ohio. Filed July 18, 1927. Serial No. 22,794. Term of patent 7 years.



The ornamental design for a gas heater, as shown.

73,586. FINGER RING. BENJAMIN SKALITZKY, New York, N. Y. Filed July 20, 1927. Serial No. 22,822. Term of patent $3\frac{1}{2}$ years.



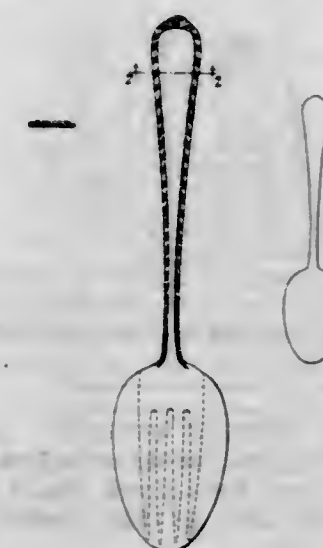
The ornamental design for a finger ring as shown.

73,587. FINGER RING. BENJAMIN SKALITZKY, New York, N. Y. Filed July 30, 1927. Serial No. 22,959. Term of patent $3\frac{1}{2}$ years.



The ornamental design for a finger ring as shown.

73,588. SPOON OR SIMILAR ARTICLE. FREDERICK W. STARK, Meriden, Conn., assignor to International Silver Company, Meriden, Conn., a Corporation of New Jersey. Filed Jan. 4, 1927. Serial No. 20,273. Term of patent 7 years.



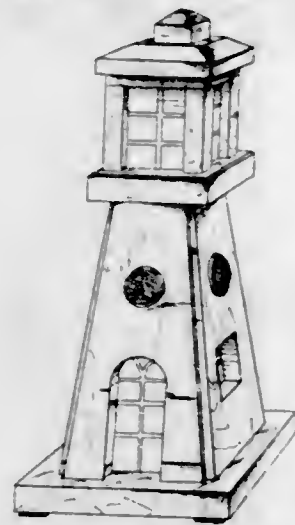
The ornamental design for a spoon or similar article substantially as shown.

73,589. ADAPTER FOR LIGHTING FIXTURES. GUSTAVE E. VILLARET, Leonia, N. J., assignor to Scovill Manufacturing Company, Waterbury, Conn., a Corporation of Connecticut. Filed July 15, 1927. Serial No. 22,757. Term of patent 7 years.



The ornamental design for an adapter for lighting fixtures, as shown.

73,590. LAMP. ERNEST E. WISS, Brecksville, Ohio. Filed Mar. 24, 1927. Serial No. 21,311. Term of patent $3\frac{1}{2}$ years.



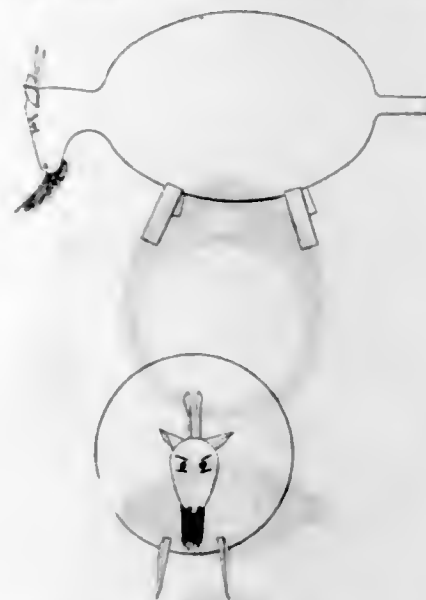
The ornamental design for a lamp, as shown.

73,591. PLATE OR SIMILAR ARTICLE. JAMES HENRY WILSON, Falls Creek, Pa., assignor to Jackson Vitrified China Company, Inc., Falls Creek, Pa., a Corporation of Delaware. Filed July 8, 1927. Serial No. 22,699. Term of patent 7 years.



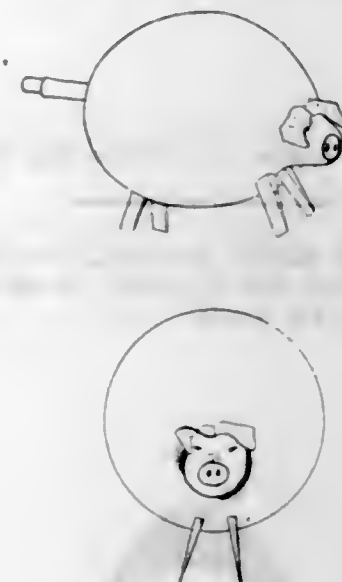
The ornamental design for a plate or similar article, as shown.

73,592. TOY FIGURE. ARTHUR P. WITTEN, Akron, Ohio. Filed Apr. 7, 1922. Serial No. 1,622. Term of patent $3\frac{1}{2}$ years.



The ornamental design for a toy figure as shown.

73,593. TOY FIGURE. ARTHUR P. WITTEN, Akron, Ohio, assignor to The Western Reserve Rubber Company, Akron, Ohio, a Corporation of Ohio. Filed Oct. 22, 1921. Serial No. 509,720. Term of patent 14 years.

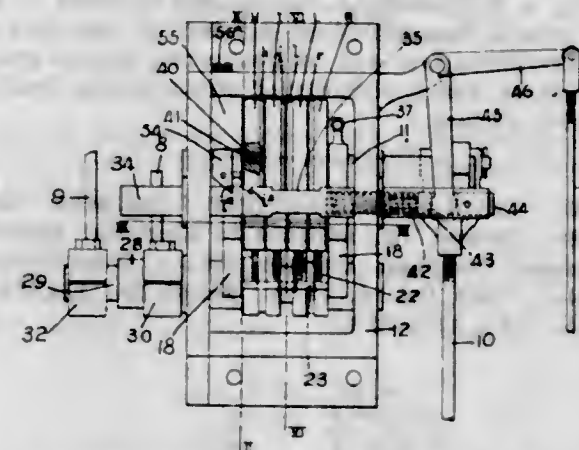


The ornamental design for a toy figure substantially as shown.

PATENTS

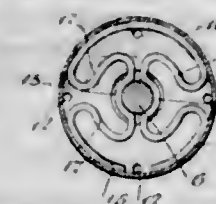
GRANTED OCTOBER 4, 1927.

1,643,935. GEAR SHIFT MECHANISM. JAMES S. ALSPAUGH, Portsmouth, Ohio. Filed Nov. 15, 1922. Serial No. 601,161. 12 Claims. (Cl. 74-58.)



1. In a motor vehicle having a foot lever, the combination of a gear shift mechanism, selector means therefor consisting of a longitudinally movable notched bar, means operable by the driver for predetermining the position of said bar, latching means for automatically interrupting the movement of said bar and means operable by the foot lever for releasing said latching means and said bar.

1,643,936. SNAP FASTENER. ANTONIO ASSORATI, New York, N. Y. Filed Sept. 13, 1926. Serial No. 135,043. 1 Claim. (Cl. 24-208.)

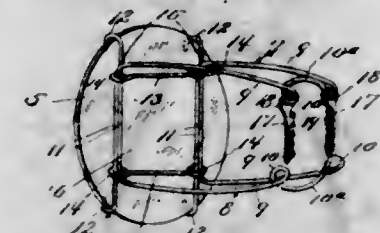


A fastener of the type described including a head member having a stud, a socket member having an opening therein into which said stud is insertable, said opening being of such diameter relative to the stud as to permit of lateral movements of either member in any direction relative to an axial line through said stud, and a spring carried by said socket member and having two opposed circumferential stud engaging portions which combine to encircle the major portion of the circumference of said stud to offer a yielding resistance to said lateral movements in all directions and which are normally disposed entirely within the confines of the plane of the wall of said opening, said spring further having two opposed arcuate retaining portions disposed transversely to the first named portions and combining to extend almost completely about the periphery of said socket member, and the spring being further formed to provide convolutions connecting the ends of the stud engaging portions with the ends of said retaining portions.

1,643,937. GLARE SHIELD FOR ELECTRIC LAMPS. GILBERT L. BAKER, Oakland, Calif. Filed Sept. 15, 1926. Serial No. 135,623. 8 Claims. (Cl. 240-48.6.)

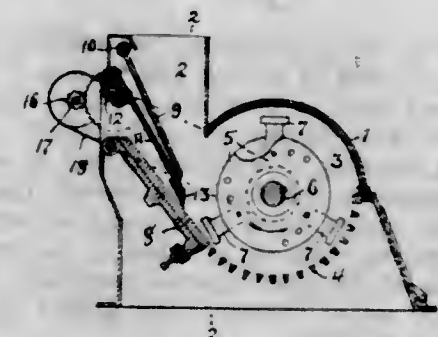
6. A glare shield device including a glare inhibiting member and a resilient supporting cage therefor shaped to embrace an electric lamp bulb and yieldably hold the said member against the forward extremity of the bulb, the cage comprising upper and lower clasps with forward reversely and angularly bent legs terminating in hooks

to engage different portions of the periphery of the member, the said legs being provided with connecting means for effecting a tight association thereof with the said glare inhibiting member, the rear portions of the clasps having



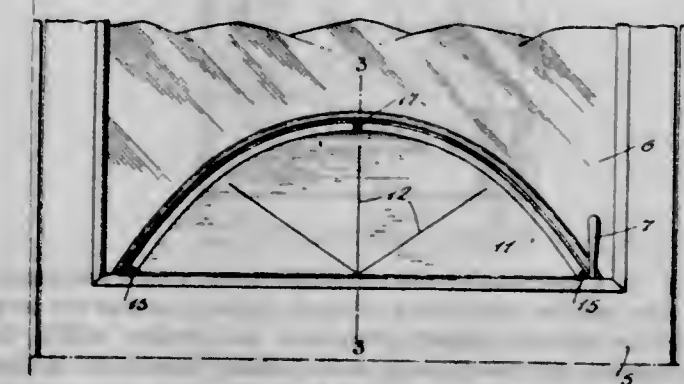
adjustable catches to separably connect the rear extremities of the clasps and hold the cage in positive association with the bulb and also provide for applying the cage and member to bulbs of different dimensions.

1,643,938. DISINTEGRATING MACHINE. DIETRICH C. ADDICKS, Ragland, Ala. Filed Apr. 3, 1926. Serial No. 99,499. 4 Claims. (Cl. 83-11.)



1. In combination with a crushing or grinding means including a housing having a hopper, a crushing chamber with a grating in the bottom thereof, and a rotor in said chamber, a breaker plate in cooperative relation with said rotor; a pendant hinged plate forming a movable bottom for said hopper; a feeding means comprising a gyrating plate positioned between said movable bottom and said breaker plate, the lower end of said gyrating plate having reciprocating movement on said breaker plate and sliding contact with said movable bottom; and transmitting means in connection with said rotor imparting movement to said feeding means.

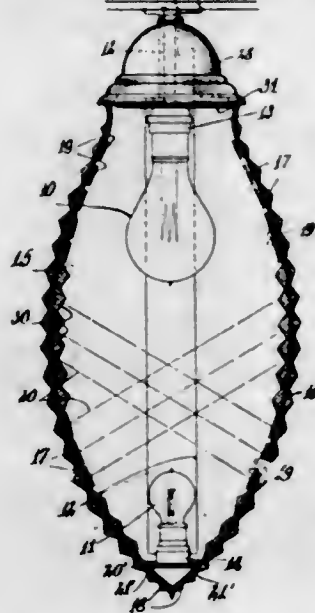
1,643,939. AUTOMOBILE DOOR. GEORGE W. BECKER, Brooklyn, N. Y. Filed May 4, 1926. Serial No. 106,601. 1 Claim. (Cl. 296-44.)



An automobile door having an opening therein, a frame secured along one edge of said opening and having projecting pins and a threaded recess therein, an elastic

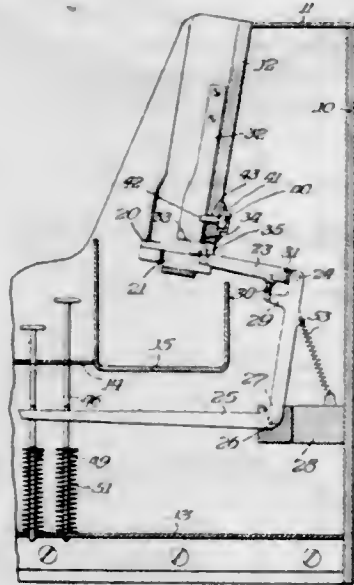
closure for said opening having one edge secured in said frame, a locking plate for said closure engageable with said pins, and a screw member carried by said plate and engageable with the threaded recess in said frame to lock said plate in operative position.

1,643,940. ELECTRIC-LIGHTING FIXTURE. THOMAS F. BENNETT, Flushing, N. Y. Filed Sept. 11, 1926. Serial No. 134,774. 2 Claims. (Cl. 240-106.)



1. An electric light comprising two electric light bulbs and sockets attached at the top and bottom of the inside of a globe; and being so wired and provided with switches to light both bulbs together or independently, said globe comprising a plurality of crystals attached to one another by flexible members, and having a smooth inner surface and a crystal contour inner surface and an outer surface of crystal contour; mirrors attached to the said smooth inner surface of the said crystals comprising the globe, and so located as to distribute the density of the light in any desired manner.

1,643,941. COIN-HANDLING MACHINE. EDWARD J. BRANDT, Watertown, Wis., assignor to Brandt Automatic Cashier Co., Watertown, Wis., a Corporation of Wisconsin. Filed Dec. 10, 1919. Serial No. 343,710. 19 Claims. (Cl. 133-4.)



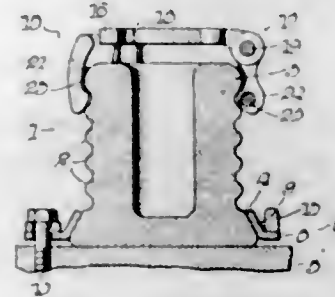
1. In a machine of the class described, a coin receptacle, a coin ejector operatively related thereto, means for locking the ejector against operation, and means within the receptacle for positioning said locking means in locking relation to said ejector, said positioning means being held in non-operating position by the coins in the receptacle until a predetermined condition in the supply of coins has arisen.

1,643,942. CURTAIN WINDOW. RAYMOND CALPIN, Everett, Mass., assignor to A. S. Campbell Company, East Boston, Mass., a Corporation of Massachusetts. Filed Apr. 14, 1923. Serial No. 632,107. 17 Claims. (Cl. 296-145.)



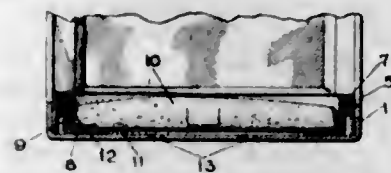
16. A frame portion for curtain window installations presenting a piece of metal turned back on itself at each side to present rounded edges, a relatively flat back-supported interior surface and back-supported prongs projecting therefrom, and a plurality of strengthening beads on its exterior surface.

1,643,943. INSULATOR SUPPORT. CHRISTEN CHRISTENSEN, Chicago, Ill., assignor to Electrical Engineers Equipment Company, Chicago, Ill., a Corporation of Illinois. Filed Oct. 4, 1920. Serial No. 414,388. 6 Claims. (Cl. 173-313.)



4. In combination, a frangible insulator, a mounting plate having apertured lugs, a clamping member having three segments having inner apertured bolting lugs, said segments extending about and projecting beyond the adjacent end of the insulator and having outer apertured bolting lugs adapted for cooperation with the apertured lugs of the mounting plate beyond the end of the insulator, and securing bolts extending through the inner lugs of the clamping segments and through the outer lugs and the lugs of the plate.

1,643,944. VANITY BOX. CLARENCE P. COOK, Waterbury, Conn., assignor to Scovill Manufacturing Company, Waterbury, Conn., a Corporation of Connecticut. Filed Jan. 13, 1927. Serial No. 160,845. 2 Claims. (Cl. 132-82.)

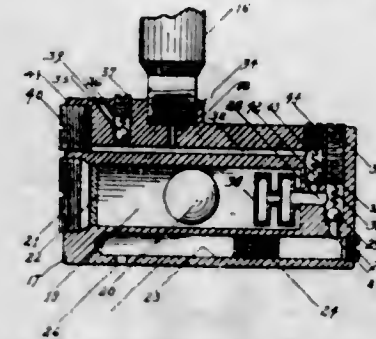


1. In a vanity case, the combination of a body and a cover therefor, a compact holding fitment in the body, holding projections on the fitment below which the edge of the compact engages, when in place in the fitment, and an aperture in the bottom of the box below the compact through which a tool may be inserted from without the box to force the compact past the projections.

1,643,945. INFLATING AND INJECTING DEVICE. LOUIS H. CROOK, Washington, D. C., assignor of one-half to G. Herman Jakobson, Takoma Park, Md. Filed Sept. 17, 1926. Serial No. 136,165. 5 Claims. (Cl. 230-27.)

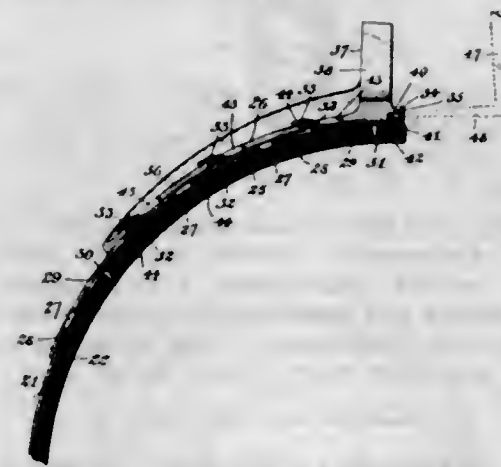
1. A fluid compressing and injecting device, comprising a housing mounted to reciprocate and provided with a main chamber coaxial with the line of reciprocation and a compression chamber of variable capacity associated with the main chamber, a closing element between said

chambers, a freely movable mass in the main chamber adapted to reduce the volume of the compression chamber upon impact against said element from its inertia



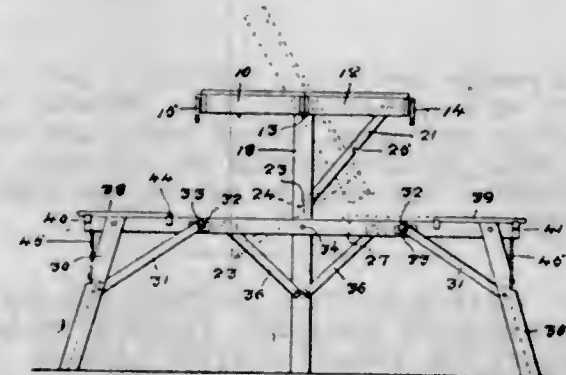
caused by said reciprocation, and a delivery port and a one-way intake port for the compression chamber in the housing.

1,643,946. TRANSMISSION OR BRAKE BAND. HUGH J. FRIEDL, Buffalo, N. Y. Filed June 11, 1925. Serial No. 36,373. 2 Claims. (Cl. 188-249.)



2. A transmission or brake band, comprising an open ring band, a lining for said band, a reinforcing strip applied to the outer side of said band at one end thereof whereby a stiffened end portion is provided while otherwise retaining the flexibility of said band and the true circular contour of said lining, said reinforcing strip having a retainer hole near its outer end, a detachable connector provided with an overhanging catch lip at its outer end spaced from said reinforcing strip and a retainer stud adjacent said catch lip entered into said retainer hole, and means for detachably connecting said connector to said reinforcing strip and for simultaneously therewith causing entrance of said retainer stud in said retainer hole.

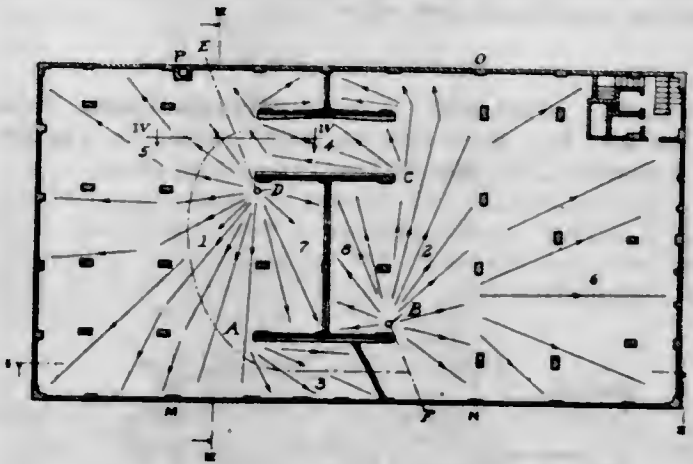
1,643,947. FOLDING TABLE AND BENCH. ALBERT E. HILL, Peoria, Ill. Filed Apr. 3, 1926. Serial No. 99,614. 6 Claims. (Cl. 45-116.)



6. In a device of the class described, a collapsible frame, a seat member supported by said frame to form therewith a bench, a top member having a plane face and pivotally secured to said frame to permit said

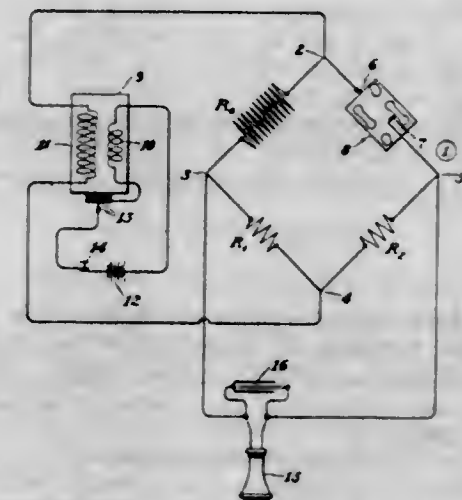
top member to be rotated, a pin fixed to said frame, a brace secured to said top member and having a plurality of notches adapted to engage said pin to maintain said top member horizontal to form a table top in convenient relation to said bench, and to maintain said top member in a position inclined to the vertical to form a back for said bench.

1,643,948. GARAGE STRUCTURE. RICHARD IRVIN, Knoxville, Pa. Filed Aug. 14, 1926. Serial No. 129,114. 1 Claim. (Cl. 20-118.)



In a building for the reception of vehicles a spiral ramp rising from ground level through the building, the spiral being developed on two vertical axes spaced apart, and the surface of the ramp being inclined downwardly toward the axes, the change from one axis to the other in the development of the spiral occurring along a line in advance of the vertical plane common to the two axes, thus forming a watershed, the surface of the ramp extending to the walls of the building and in such extension being warped toward the horizontal and constituting storage areas.

1,643,949. METHOD OF TESTING BATTERIES FOR LEAKS. GEORGE L. KYLE, Niagara Falls, N. Y., assignor to U. S. Light & Heat Corporation, Niagara Falls, N. Y., a Corporation of New York. Filed Nov. 4, 1920. Serial No. 421,760. 4 Claims. (Cl. 175-183.)



1. The method of testing batteries for leaks which consists of measuring the electrical resistance between the elements contained within a battery and the exterior of said battery at the bottom thereof and comparing said measured resistance with the resistance of a sound battery similarly measured.

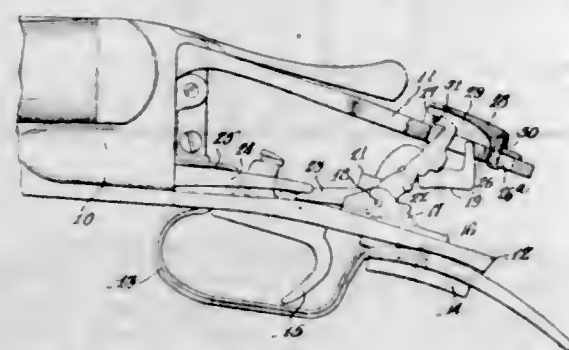
1,643,950. FOOD COMPOSITION. ALBERT LEO, Chicago, Ill., and HERBERT T. LEO, Corona, Calif. Filed Feb. 1, 1926. Serial No. 85,383. 5 Claims. (Cl. 99-11.)

1. A food composition for use in making meringues, marshmallows and the like, comprising albumen and pectin.

1,643,951. FOOD COMPOSITION. ALBERT LEO, Chicago, Ill. Filed Feb. 1, 1926. Serial No. 85,384. 6 Claims. (Cl. 99-11.)

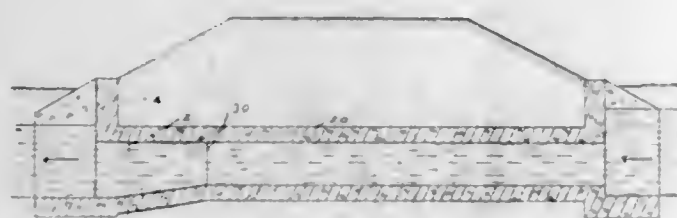
3. A food composition for use in making meringues, marshmallows and the like, comprising albumen, pectin, sodium bicarbonate and citric acid.

1,643,952. GUNLOCK. ANGELO RAFFAELLE LERRO, Philadelphia, Pa. Filed Oct. 26, 1926. Serial No. 144,234. 4 Claims. (Cl. 42-70.)



1. In a firearm having a slot in its under frame; a lock including a hammer trip, a trip lever engaging the hammer trip, a trigger engaging the trip lever, a safety catch extending upwardly through the slot and having a notch, and a lug formed on the trip lever adapted to engage the notch.

1,643,953. FLOW-INCREASING ATTACHMENT FOR CULVERTS. FLOYD A. NAGLER, Iowa City, Iowa. Filed Mar. 24, 1923. Serial No. 627,284. 3 Claims. (Cl. 61-16.)



1. A culvert provided with divergent walls at its discharge end forming a progressively enlarging water passage and positioned for complete submergence of such passage below the level of the stream of water when the culvert is filled.

1,643,954. DEFENSIVE AND OFFENSIVE PROJECTOR COMPOSITION. JOHN A. PRENTICE, San Francisco, Calif. Filed Apr. 14, 1926. Serial No. 101,876. 5 Claims. (Cl. 167-3.)

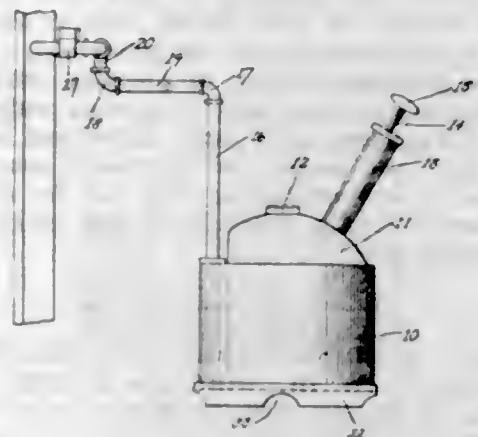
1. A composition of matter, adapted for defensive and offensive projection in the protection of property, comprising a smoke producing component, an irritant component and a distinctively and persistently odorous component.

1,643,955. TRAFFIC SIGNAL. JOHN RANK and HENRY W. RANK, Minneapolis, Minn. Filed Oct. 21, 1925. Serial No. 63,994. 9 Claims. (Cl. 40-145.)



9. A casing for traffic signals comprising side plates in rectangular arrangement, interior heads to which said plates are secured, said plates having spaced edges projecting beyond said heads at the corners of the casing, and corner strips interlocking to and projecting outward beyond the projecting edges of said plates.

1,643,956. PRESSURE LUBRICATOR. HARRY RATYKA, New York, N. Y. Filed Nov. 5, 1926. Serial No. 146,429. 4 Claims. (Cl. 184-21.)

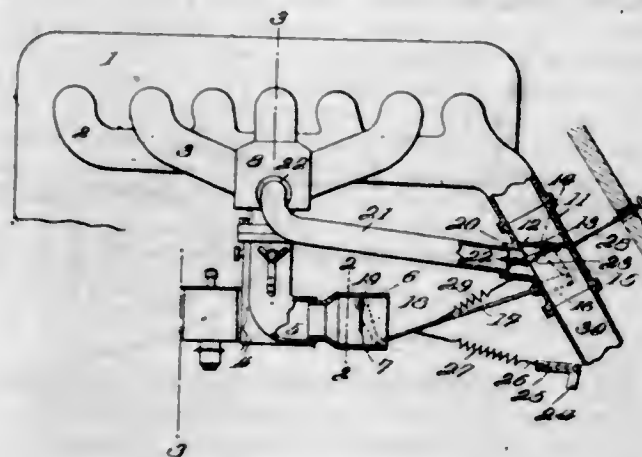


1. In a pressure lubricator, a container, a pump communicating with said container, tubes extending from said container and having nozzles facing each other, spreader wings pivotally mounted on said tubes, and means connecting said wings for securing said wings in two positions.

1,643,957. CHARGE-HEATING CONTROL FOR INTERNAL-COMBUSTION ENGINES. ALBERT G. REDMOND, Indianapolis, Ind., assignor to Marvel Carburetor Company, Flint, Mich., a Corporation of Indiana. Filed Apr. 22, 1920. Serial No. 375,773. 18 Claims. (Cl. 128-122.)

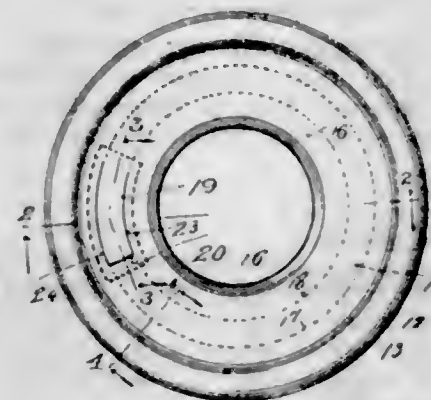
1. An internal combustion engine having an exhaust pipe, intake manifold and charge forming device connected thereto, a heater arranged to heat the charge in its passage from the charge forming device to the en-

neered thereto, a heater arranged to heat the charge in its passage from the charge forming device to the en-



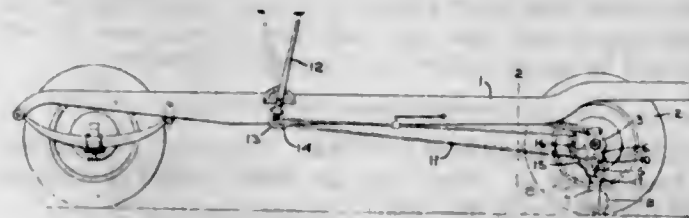
gine and means actuated by the velocity of the air passing through said charge forming device for controlling the admission of heating fluid to said heater.

1,643,958. CAN COVER. WALTER E. ROONEY, Bellingham, Wash., assignor to Thermokept Corporation, New York, N. Y., a Corporation of Delaware. Filed Feb. 10, 1923. Serial No. 618,223. 2 Claims. (Cl. 220-54.)



1. A can cover comprising a sealing rim and a depressed disk encompassed thereby, said disk having a head and score lines to set off said head, a portion of said score lines being cut through to form a tongue and a cover for said tongue.

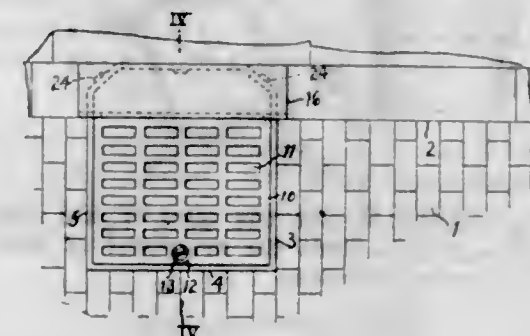
1,643,959. NONSKID DEVICE FOR AUTOMOBILES. HARRY SEWELL, Boston, Mass. Filed Nov. 8, 1926. Serial No. 146,862. 3 Claims. (Cl. 188-5.)



1. The combination with an automobile, of a non-skid device therefor comprising two arms pivotally connected to the rear axle housing, a roll pivoted eccentrically to the end of each arm, and means to swing the arms into operative position with the rolls in contact with the road surface, whereby the rotation of the rolls will periodically lift the rear wheels from contact with the road surface.

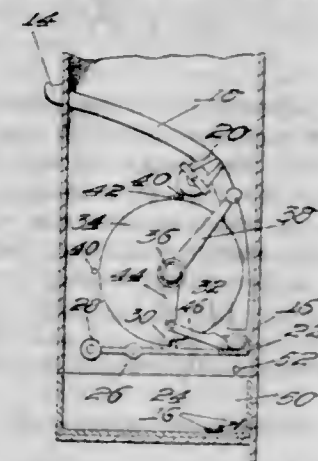
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1,643,960. CURB INLET. DANIEL G. SLEE, Toledo, Ohio, assignor to The France Foundry & Machine Co., Toledo, Ohio, a Corporation of Ohio. Filed Sept. 3, 1925. Serial No. 54,215. 3 Claims. (Cl. 182-6.)



1. A frame having a supporting flange, said frame rising from said flange to have a flat top, a hood uprising from said frame over a portion thereof having a flat supporting face resting on the frame flat top, and lugs from said hood projecting below said frame top and against the frame sides.

1,643,961. COIN-OPERATED SOAP DISPENSER. ARTHUR SODERHOLM, Chicago, Ill. Filed Oct. 9, 1926. Serial No. 140,453. 1 Claim. (Cl. 194-48.)



In a soap dispenser, a dispensing drum, means for moving the drum through ninety degrees (90°), a package receiving slot in the drum, and coin controlled means for releasing the drum moving means, said coin controlled means comprising a pivoted lever, an upstanding pin on the lever, and a cam element in the drum for co-operation with the pin, and additional means for ejecting the coin from said coin controlled means upon a dispensing movement, said means comprising a lever mounted on the drum and a coin ejecting finger pivoted to the lever.

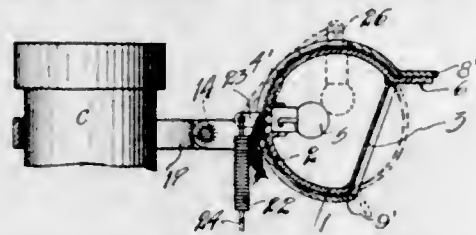
1,643,962. ALUMINA COAGULANT. HUGH MCCURDY SPENCER, Newark, N. J., assignor to Seydel Chemical Company, a Corporation of West Virginia. Filed Apr. 16, 1924. Serial No. 706,882. 9 Claims. (Cl. 210-23.)

1. An improved alumina-containing coagulant for clarifying aqueous liquids comprising a concentrated solution containing alumina and a solution of sulphur dioxide in an amount sufficient to peptize the alumina.

1,643,963. VEHICLE LAMP. GEORGE H. STILES, Spokane, Wash. Filed July 20, 1925. Serial No. 44,723. Renewed Mar. 15, 1927. 2 Claims. (Cl. 240-41.)

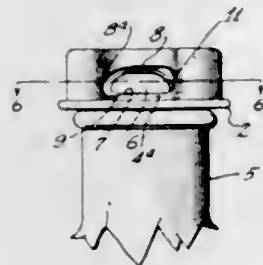
1. The combination with an outer stationary casing having a light opening and supports, of an inner casing movable in said outer casing, illuminating means carried

by said inner casing, a lens in said inner casing a hood formed on said inner casing above said lens, means for moving said inner casing within said outer casing, said



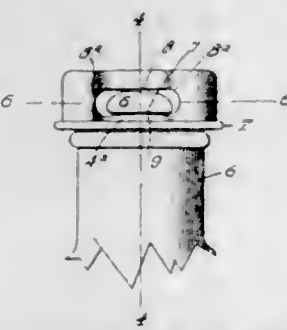
hood being engageable with the sides of said outer casing light opening to limit the movement of said inner casing in opposite directions.

1,643,964. BOTTLE CAP OR CLOSURE. JACOB STIRISS, New York, N. Y., assignor to The Larvex Corporation, Brooklyn, N. Y., a Corporation of New York. Filed Nov. 26, 1926. Serial No. 150,720. 10 Claims. (Cl. 215-44.)



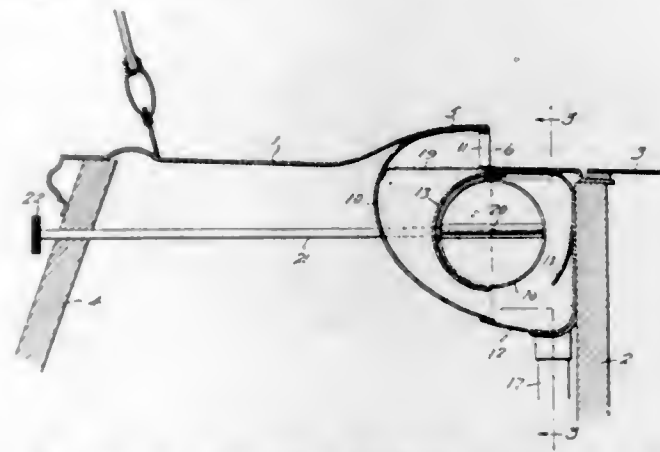
1. A closure embodying a metal shell formed with a skirt; segmental portions of which are alternately of different diameters, the larger of which is sufficiently great to embrace the lugs of a cooperating receptacle, and the smaller of which is of a size to closely fit the receptacle directly beneath said lugs, and the segmental portions of the smaller diameter being provided, in spaced relation to the lower edge of the skirt, with circumferentially disposed slots, at least one end of each of which extends into the adjacent segmental portion of the larger diameter.

1,643,965. BOTTLE CAP OR CLOSURE. JACOB STIRISS, New York, N. Y., assignor to The Larvex Corporation, Brooklyn, N. Y., a Corporation of New York. Filed Nov. 26, 1926. Serial No. 150,721. 7 Claims. (Cl. 215-44.)



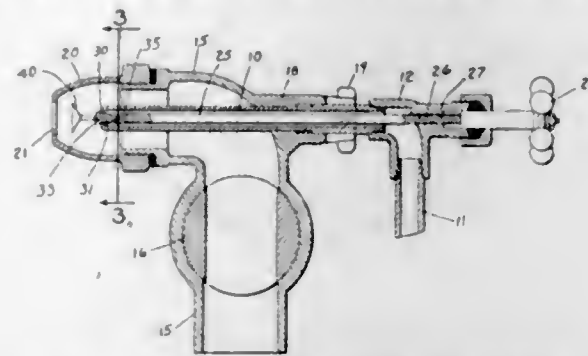
1. A closure embodying a metal shell formed with a skirt, segmental portions of which are alternately of different diameters, the larger of which is sufficiently great to embrace the lugs of a cooperating receptacle and the smaller of which is of a size to closely fit the receptacle directly beneath the lugs, and the segmental portions of the smaller diameter being provided in spaced relation to the lower edge of the skirt with circumferentially disposed slots at least one end of each of which extends into an adjacent segmental portion of the larger diameter and terminates in a yielding abutment normally spaced from the axis of the closure, a distance less than the overall radius of said lugs, whereby it is necessary to flex said abutments to pass the lugs from the larger to the smaller segmental portions of the skirt and vice versa.

1,643,966. VENTILATING AND HEATING MEANS FOR CONVEYANCES. DENTON K. SWARTWOUT, Cleveland, Ohio. Filed Oct. 1, 1921. Serial No. 504,814. 7 Claims. (Cl. 98-2.)



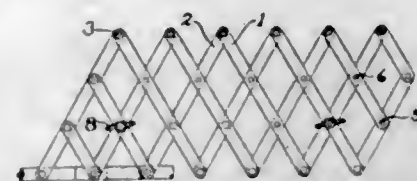
1. For use on automobiles and other vehicles, a ventilator comprising a casing having an inlet opening through which air is directed from the exterior to the interior of the vehicle, the casing having a substantially spiral cross section so as to impart a swirling motion of the air whereby any rain, snow, moisture or other foreign substance wherewith the air may be laden is separated from the air before the air is discharged into the vehicle, a portion of the casing spaced substantially 180° from said inlet opening constituting a basin into which such substance is collected, and means for removing foreign substance from such portion of the casing.

1,643,967. LOW-PRESSURE OIL BURNER. HARRY F. TATE, Kokomo, Ind., assignor to Sta-Kleen Burner Company, Kokomo, Ind., a Corporation. Filed Apr. 12, 1923. Serial No. 631,581. 8 Claims. (Cl. 158-76.)



1. In an oil burner, the combination of an oil feeding tube having a reduced nozzle portion and a valve rod adjustably mounted therein having a valve portion which in one position snugly fits said reduced nozzle portion for preventing the flow of oil therethrough, said rod being provided with a plurality of oil grooves inwardly of said snug fitting valve portion whereby when said valve rod is adjusted outwardly oil will be permitted to flow through said grooves and out of said tube, a deflector on said rod beyond said valve portion adapted to deflect oil issuing from said tube, and an air nozzle extending around and beyond said tube and deflector whereby the oil and air will be mixed before leaving said air nozzle.

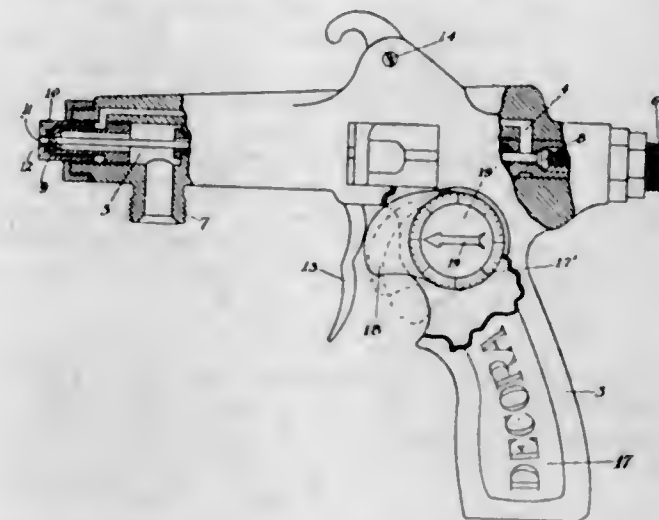
1,643,968. MULTIPLE SPACER. FEARING S. THOMPSON, Springfield, Ill. Filed Jan. 25, 1926. Serial No. 83,496. 2 Claims. (Cl. 33-192.)



1. A multiple spacer comprising a plurality of pivotally adjustable frame members, arranged in angularly disposed opposite parallels; one group of said parallel members

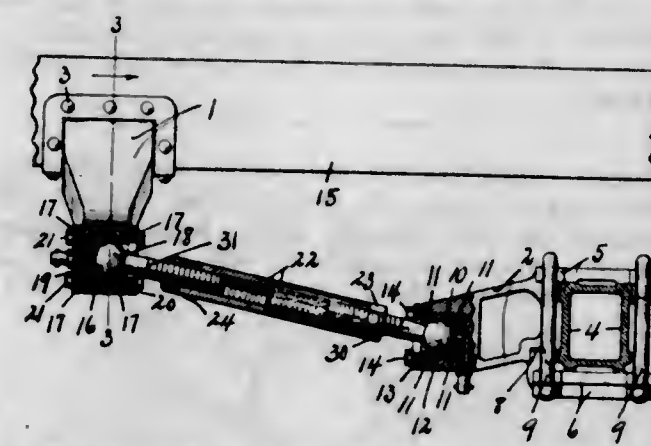
comprising members spaced apart in ever-parallel space relation; said parallel members of one group each pivotally connected at uniformly spaced predetermined points along its length with pivot points on members of said opposite angularly disposed group of parallel members; said parallel members pivotally engaged by a plurality of holding members at intermediate points along their length and at their end connections, along one side of the spacer, and provided with marking spurs at the end connections along the opposite side of the spacer; said spacer provided at one end with a bracketed, pivotally adjusted measuring scale for adjusting said marking spurs along the length of the spacer to any desired position of spaced relation.

1,643,969. MEANS FOR CONTROLLING THE DISTRIBUTION OF LIQUIDS. FRANK A. TITTEMORE and CHARLES S. RENWICK, Richmond, Calif., assignors to Hopkins Spray Equipment Company, San Francisco, Calif., a Corporation of Nevada. Filed Aug. 26, 1926. Serial No. 131,664. 4 Claims. (Cl. 91-45.)



1. A spray gun comprising a body provided with a depending hand-grip portion formed with a recess, said body having liquid and air conduits, valves for controlling the passage of liquid and air therethrough under pressure, means common to both of said valves and operable for opening the valves, quickly adjustable stop means capable of reception within the said hand-grip recess or projection therefrom for limiting the opening movement of said valves, and an indicator associated with said hand-grip portion and said quickly adjustable means.

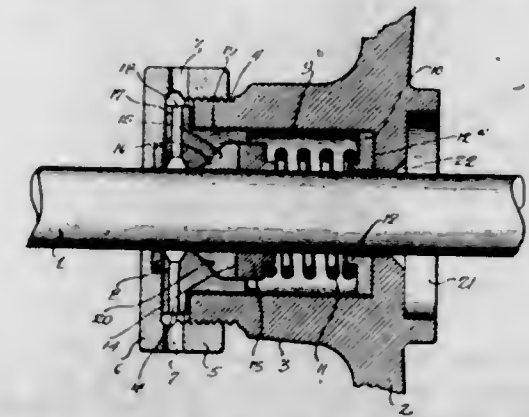
1,643,970. RADIUS ROD. FRED W. WILKINS, Syracuse, N. Y., assignor to Sanford Motor Truck Company, Syracuse, N. Y., a Corporation of New York. Filed Apr. 17, 1924. Serial No. 707,145. 2 Claims. (Cl. 267-66.)



1. The combination with the frame and axle of a vehicle, of a bracket connected to the frame and formed with a passageway, blocks arranged in said passageway and having their interior portions spherically formed to

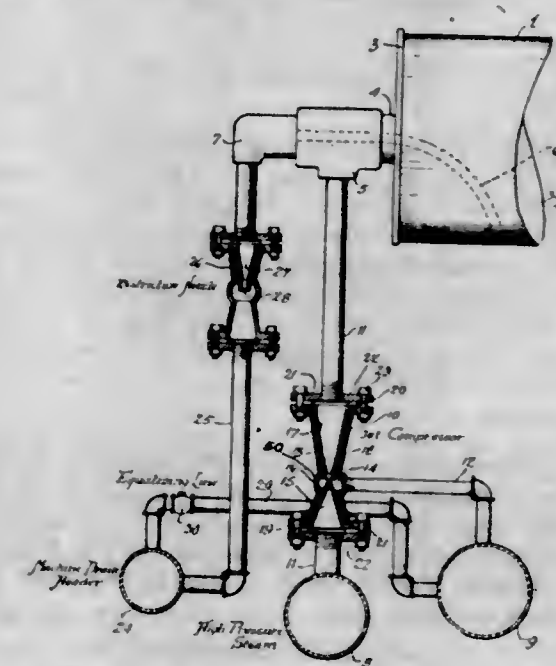
define a substantially spherical socket, means for confining the blocks in the passageway, a bracket carried by the axle and having a recess, a series of blocks mounted in the recess, and having spherically shaped inner surfaces defining a substantially spherical socket, means for confining said blocks in the recess, and a rod having spherically formed end portions, the end portions being seated in the respective spherical sockets.

1,643,971. STUFFING BOX. WILLIAM WISHART, Clinton, Iowa, assignor to Cilmax Engineering Company, Clinton, Iowa, a Corporation of Delaware. Filed Feb. 6, 1926. Serial No. 86,408. 1 Claim. (Cl. 286-28.)



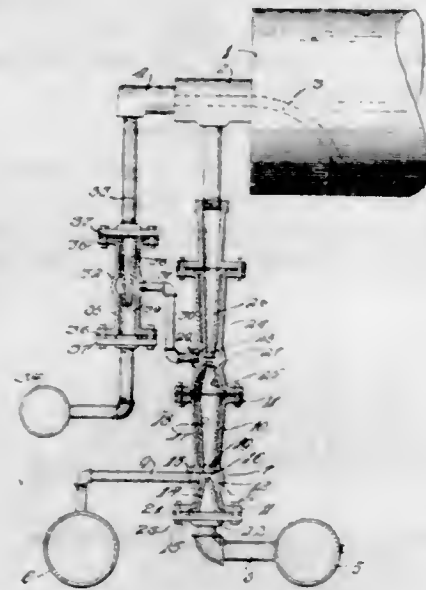
The combination with a stuffing box, of a shaft projecting therethrough, a radially passaged cap removably secured to one end of said stuffing box, a packing disk between said cap and the end of said stuffing box and having a plurality of radial passages therein, a shank integrally formed on said packing disk having a conical recess therein, a conical packing ring seated in said conical recess, a pair of packing rings in said stuffing box, and resilient means separating said pair of packing rings and furthermore acting to resiliently hold said conical packing ring seated in position.

1,643,972. STEAM-CIRCULATING SYSTEM FOR DRIERS. JOHN O. WOODSOME, New York, N. Y. Filed June 16, 1926. Serial No. 116,307. 5 Claims. (Cl. 34-4.)



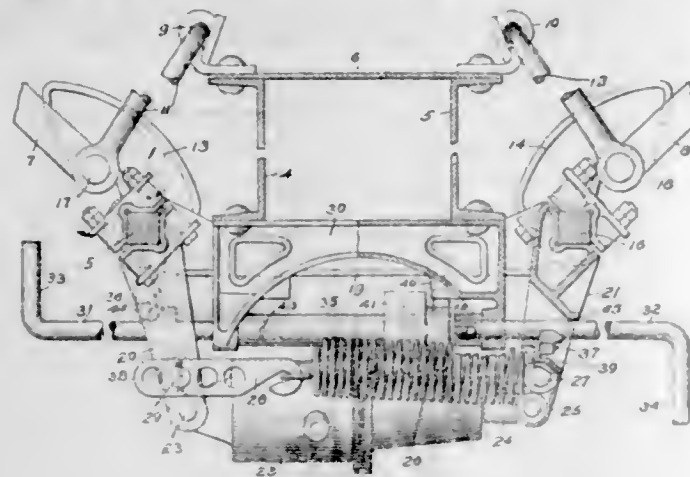
1. In a steam drying apparatus, a steam drier, a high pressure steam line, piping connecting said line to said drier, a jet compressor of the Venturi type in said piping, a low pressure steam supply header connected to said jet compressor at the constricted portion, a drain line from said drier, a Venturi fitting therein and a communicating conduit between said drain line and said steam supply header to equalize the back pressure in said drain line.

1,643,973. STEAM-CIRCULATING SYSTEM FOR DRIERS. JOHN O. WOODSON, New York, N. Y. Filed Dec. 16, 1926. Serial No. 155,130. 3 Claims. (Cl. 34-4.)



1. In a steam drying apparatus, a steam drier, a high pressure steam line, piping connecting said line to said drier, a jet compressor and circulator of the Venturi type in said piping, a low pressure steam supply header connected to said jet compressor at the constricted portion, a drain line from said drier, a Venturi type nozzle separator in said drain line and a communicating conduit between said separator and said circulator to recirculate uncondensed steam from said drain line.

1,643,974. LATCH-RELEASE MECHANISM. HOWARD L. BEACH, Pittsburgh, Pa., assignor to Clark Car Company, Pittsburgh, Pa., a Corporation of New Jersey. Filed Feb. 26, 1923. Serial No. 621,158. 19 Claims. (Cl. 105-261.)

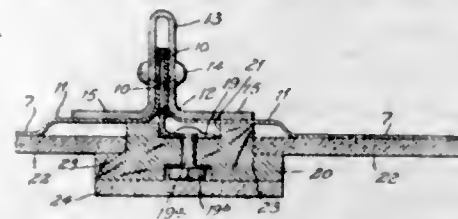


1. In a tilting side dump car, two normally latched mechanisms, common means for actuating both of said mechanisms and a device rotatable between two extreme positions and provided with overlapping locking elements whereby only one of said latch locking mechanisms may be released at a time.

1,643,975. CAR ROOF. CHARLES DAVID BONSALE, Pittsburgh, Pa., assignor to P. H. Murphy Company, New Kensington, Pa., a Corporation of Pennsylvania. Filed May 4, 1927. Serial No. 188,669. 8 Claims. (Cl. 108-5.)

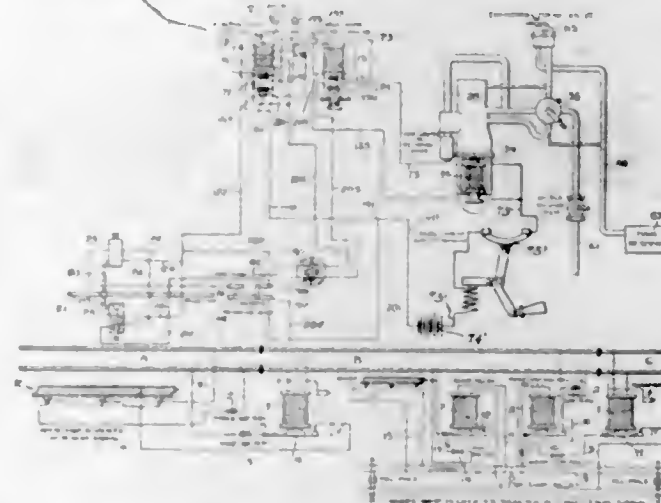
1. A car roof comprising self-supporting roof sheets extending from eaves to eaves of the car and connected along their adjacent margin by seams, hanger members secured to said seams, supporting members detachably

secured to said hanger members, and an insulating lining located beneath said roof sheets and supported by said supporting members, said supporting members being



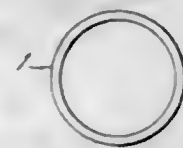
adapted to be drawn upwardly towards the sheet to clamp the insulating lining against the under sides thereof.

1,643,976. AUTOMATIC TRAIN-STOPPING AND SPEED-CONTROLLING APPARATUS. WALTER A. BROWNE, Washington, D. C., assignor to Warthen Train Control Corporation, Washington, D. C., a Corporation of Delaware. Filed Nov. 1, 1922. Serial No. 598,265. 6 Claims. (Cl. 246-180.)



1. In automatic train stopping apparatus, brake applying apparatus, a normally energized electro-responsive device holding said brake applying apparatus normally against operation, a main circuit including said electro-responsive device and a source of electrical energy, a switch in said circuit normally closed, a normally energized electro-responsive device holding said switch in normal position, circuit connections between said second named electro-responsive device and the source of energy, another electro-responsive device connected to said switch, a source of energy for said last named electro-responsive device, co-operating car carried and roadside elements operable under certain conditions of traffic to break the circuit connections of the second named electro-responsive device and establish circuit connections between the third named electro-responsive device and its source of energy, and safety means associated with each roadside element whereby the same will be rendered inactive to influence the circuit of said last named electro-responsive device in the event of displacement of any one of said roadside elements.

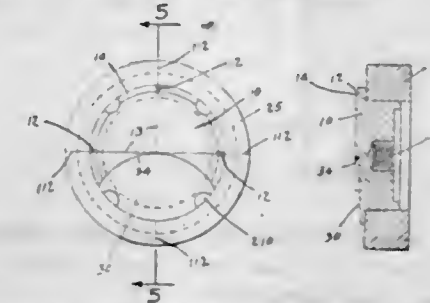
1,643,977. PROCESS OF MOUNTING ROLLER-BEARING CUPS. TRACY V. BUCKWALTER, Canton, Ohio, assignor to The Timken Roller Bearing Company, Canton, Ohio, a Corporation of Ohio. Filed Mar. 20, 1926. Serial No. 96,173. 4 Claims. (Cl. 29-156.)



1. The process of mounting roller bearing cups in hubs, which comprises the formation of the hub of metal tubing that admits of plastic flow and with an inside

diameter less than the outside diameter of the cup by such amount that the cup cannot enter said hub without such plastic flow, forming abutments for the cup in said hub and forcing said cup endwise into said hub and against said abutments.

1,643,978. LENS BLOCK. LUCIAN W. BUGBE, Jr., Indianapolis, Ind., assignor, by mesne assignments, to Continental Optical Corporation, New York, N. Y., a Corporation of Delaware. Filed Dec. 8, 1925. Serial No. 74,205. 2 Claims. (Cl. 51-216.)



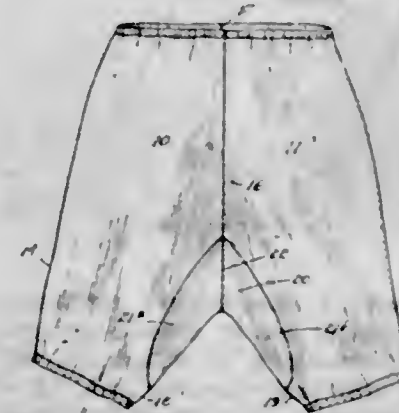
1. A circular lens block having its surface beveled near its margin for seating a lens in direct physical contact with the surface of the lens block at substantially equal distances from the center of the lens and for supporting the middle portion of the lens slightly spaced from the middle portion of the block and with one edge portion thereof formed to adapt said portion of the block to receive the reading field of a bifocal lens, whereby the middle portion of the lens may be secured by cement or the like to the middle portion of the block.

1,643,979. CURTAIN WINDOW. RAYMOND CALPIN, Everett, Mass., assignor to A. S. Campbell Company, East Boston, Mass., a Corporation of Massachusetts. Filed Apr. 14, 1923. Serial No. 632,108. 9 Claims. (Cl. 296-145.)



4. A curtain window frame element presenting a base portion having a substantial area for engagement with the curtain fabric, a prong concealing and turning portion integral with said base portion, and an angular glass retaining portion integral with one of said portions.

1,643,980. BLOOMERS. ELLSWORTH E. CARLSON, JAMES P. COSTELLO, and RALPH L. HEILBRONNER, Milwaukee, Wis., assignors to Luxite Silk Products Co., Milwaukee, Wis., a Corporation of Wisconsin. Filed July 28, 1925. Serial No. 45,493. 2 Claims. (Cl. 2-226.)



1. In a bloomer garment, a crotch piece comprised of two shield shaped sections of warp knitted fabric stitched together along their upper curved edges and combined

in the garment with the said stitched edges extending from front to rear thereof and forming a continuation of the center body seam of the garment, the warp threads of said sections extending in downwardly divergent directions from said seam and lying substantially parallel to the inner leg seams of the garment, the greatest elasticity of the fabric of the crotch piece being in a direction transverse to the warp threads.

1,643,981. FASTENER. MOSES F. CARR, Lexington, Mass., assignor to Carr Fastener Company, Cambridge, Mass., a Corporation of Maine. Filed Nov. 18, 1924. Serial No. 750,588. 4 Claims. (Cl. 24-219.)



1. A snap fastener stud comprising, in combination, a cap part having a head, a neck and a base portion, said base portion being substantially larger in diameter than said head portion, a one-piece attaching element having a head back-supporting the central portion of said cap part, a relatively thin flange of substantially the same diameter as the base of the cap part over the edge of which a portion of said base is crimped to secure said parts together.

1,643,982. BEARING. THOMAS C. DELAVAL-CROW, Bristol, Conn., assignor to The New Departure Manufacturing Company, Bristol, Conn., a Corporation of Connecticut. Filed July 11, 1924. Serial No. 725,508. 12 Claims. (Cl. 308-201.)

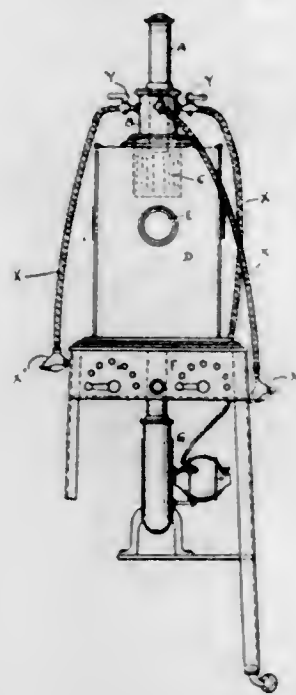


1. A self-contained, unit-handling, double-row ball bearing comprising an outer cup having a central rib with an angular contact raceway on each side thereof, a pair of inner abutting cones, each having a shoulder at the outside and an angular contact raceway inside said shoulder and facing one of the raceways on the cup, a snap rib on each cone inside the raceway and having a diameter slightly larger than that of the deepest circle of said raceway, a circular series of balls for each raceway, a separator for each series having openings smaller than the balls, said separator having its ball engaging portion of a diameter normally to hold the balls in the raceway of the cone and in a circle smaller than the snap rib, and said outer cup also having snap ribs outside the raceways therein, said ribs having a diameter smaller than that of the deepest circle of said raceways and confining the assembled cones, balls and separators within the cup; substantially as described.

1,643,983. APPARATUS TO RENDER POSSIBLE THE INHALATION OF MEDICINAL POWDERS. NUNNIO RICCARDO DI CRISTINA, Palermo, Italy. Filed Aug. 18, 1924. Serial No. 731,786, and in Italy Aug. 17, 1923. 1 Claim. (Cl. 128-266.)

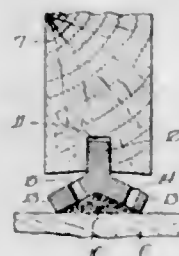
An apparatus to render possible the inhalation of medicinal powders comprising a blower for compressing air,

apparatus for heating air, a chamber for storing a relatively large quantity of compressed and heated air, a medicinal powder container, having a plurality of minute orifices therein, and positioned to so hold powder as to



be carried away with compressed air from said chamber, a distribution chamber positioned to receive carried away powder and air, and controllable discharge means from said distribution chamber.

1,643,984. MEANS FOR SEALING WALL AND FLOOR JOINTS, ETC. WILLIAM R. GILLIES, Chicago, Ill., assignor to Equipment Specialties Co., Chicago, Ill., a Corporation of Illinois. Filed Sept. 12, 1924. Serial No. 737,233. 6 Claims. (Cl. 20-92.)

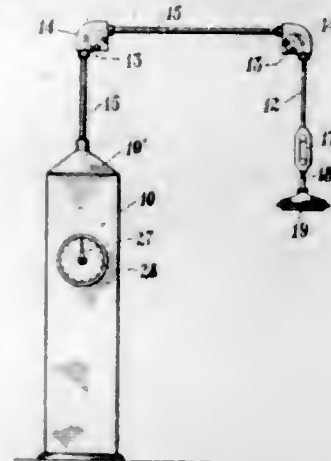


1. The combination of a floor and a wall board to be fitted thereto, said wall board having a longitudinal groove in the edge thereof adjacent said floor, with a deformable sealing strip having a web adapted to be received in said groove and flanges diverging from said web forming a groove in the bottom of said strip, and unstable plastic sealing compound in said latter groove, whereby said sealing compound is distributed between said floor and strip when said wall board is pressed against said floor.

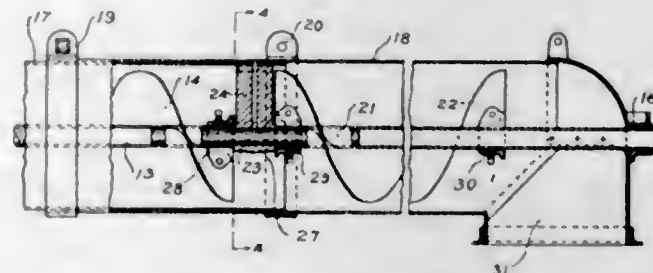
1,643,985. AUTOMATICALLY-RECOILING HEIGHT-MEASURING DEVICE. ERLE H. HAND, New Britain, Conn. Filed Jan. 12, 1924. Serial No. 685,756. 4 Claims. (Cl. 33-147.)

1. A height measuring device comprising a vertically movable head-piece, a dial, a pointer registering with said dial, and operative connection between said head-piece

and the pointer, including a drum and a strap connected at opposite ends to said drum and head-piece, and resilient means engaged with the drum for returning the head-piece to normal position, and counter-balancing means including gear segments.

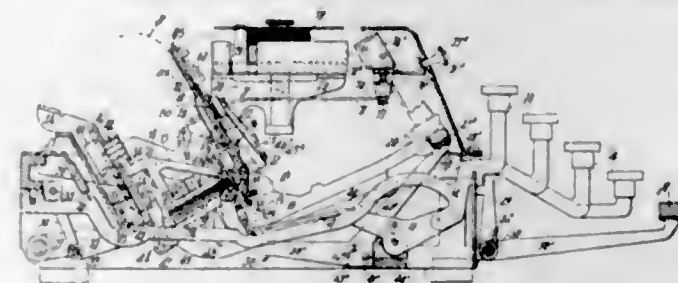


1,643,986. POWER-DRIVEN CONVEYER. ARTHUR J. HARTLEY, Peoria, Ill. Filed July 12, 1926. Serial No. 121,818. 3 Claims. (Cl. 198-213.)



1. In a power conveyer, comprising a receiving hopper, a cylindrical conveyer casing, flight members mounted therein, a power shaft for said flight members, and an extensible portion for said power conveyer, including an auxiliary power shaft, and flight portion, means for connecting said extensible portion to said conveyer casing, including a supporting bearing and stub shaft and an auxiliary casing adapted to telescope with said first named casing, and means for clamping same in a fixed manner thereon.

1,643,987. TYPEWRITING MACHINE. ALFRED G. F. KUROWSKI, Brooklyn, N. Y., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed May 27, 1924. Serial No. 716,096; 20 Claims. (Cl. 197-157.)



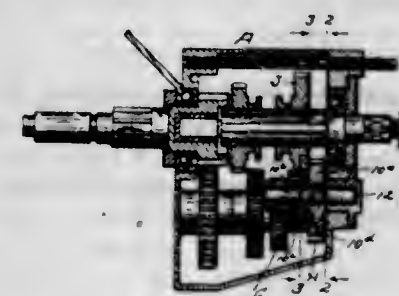
3. In a typewriting machine, the combination with a platen and a universal bar, of a multi-color-ribbon-vibrating mechanism including a vibrating arm, an actuating arm associated with said vibrating arm, an element reciprocating at strokes of the universal bar and imparting idle motion to the actuating arm, a device including a stationary inclinable surface disposed in the path of motion of said actuating arm, said surface effecting a camming action against said actuating arm to cause a throw of the vibrating arm, and means for adjusting the degree of inclination of said stationary surface to vary the extent of throw of said vibrating arm, whereby any selected color-band of the ribbon may be presented at the printing line.

of the vibrating arm, and means for adjusting the degree of inclination of said stationary surface to vary the extent of throw of said vibrating arm, whereby any selected color-band of the ribbon may be presented at the printing line.

1,643,988. REFRACTORY MATERIAL SUITABLE FOR COVERINGS AND THE PROCESS OF FORMING SAME. GEORGE B. LUCKETT and JOHN A. JOHNSON, Crawfordsville, Ind. Filed July 14, 1924. Serial No. 726,031. 2 Claims. (Cl. 106-9.)

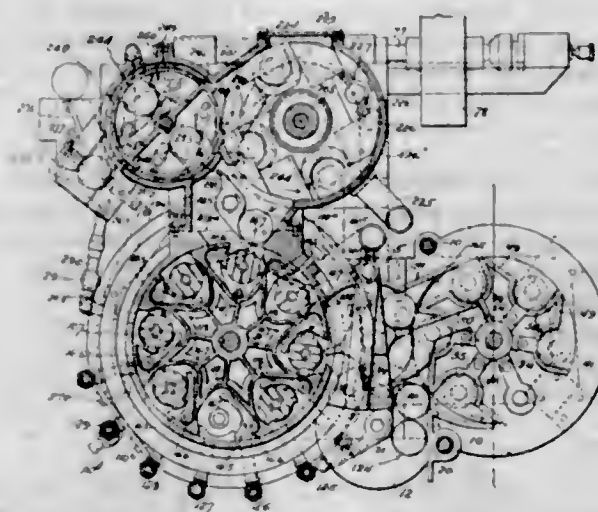
1. A refractory coating material comprising acetylene plant waste (essentially calcium hydroxide) and sodium chloride in the approximate proportions of one ounce of chloride to one gallon of waste of a thick cream consistency.

1,643,989. SAFETY DEVICE FOR MOTOR CARS. GEORGE E. LYNCH, Los Angeles, Calif. Filed Aug. 14, 1922. Serial No. 581,351. 3 Claims. (Cl. 192-4.)



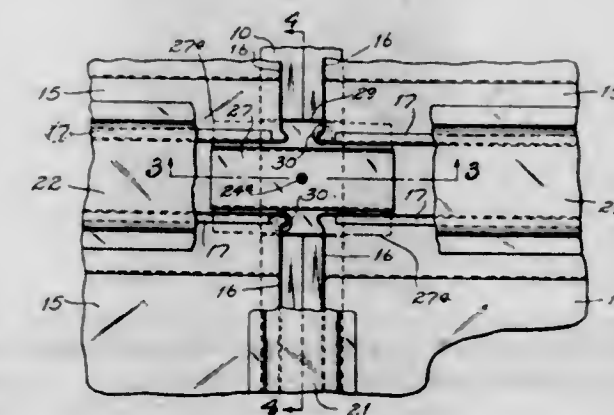
1. In a motor vehicle, in combination with the transmission gears, idler shaft, counter shaft and gears thereon, of a fixed ratchet element around one of said shafts with means extending to the other shaft for holding it, a revolving ratchet element on said first mentioned shaft within said fixed ratchet element, and interlocking ratchet means between said fixed and revolving ratchet elements and adapted to prevent said elements from turning contrary to the direction for which they are set to turn.

1,643,990. CANNING APPARATUS. ADOLPH K. MALMQUIST, South Bellingham, Wash., assignor, by mesne assignments, to Thermokept Corporation, New York, N. Y., a Corporation of Delaware. Filed Aug. 18, 1922. Serial No. 582,712. 3 Claims. (Cl. 226-75.)



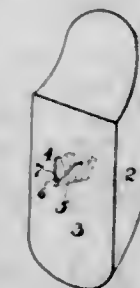
1. In apparatus of the character described, the combination with two casings, a passageway connecting said casings, and exhausting means for said casings, of a plurality of mechanisms for filling cans in vacuum in one of said casings, a plurality of mechanisms for sealing can in vacuum in the other of said casings, means for continuously operating said mechanisms, a rotating transfer lever in said passage-way, means for ejecting cans from the filling mechanisms and into said passage-way in the path of said transfer lever, and means for continuously rotating said transfer lever to transfer the cans to the sealing mechanisms.

1,643,991. CAR ROOF. WALTER P. MURPHY, New York, N. Y., assignor to P. H. Murphy Company, New Kensington, Pa., a Corporation of Pennsylvania. Filed Dec. 6, 1926. Serial No. 152,938. 7 Claims. (Cl. 108-5.)



1. A flexible car roof comprising movably arranged roof sheets spaced apart along their adjacent margins, a seam cover covering the spaced margins of adjacent sheets, and sheet spacers secured to the car between the spaced margins of adjacent sheets, and spaced apart longitudinally thereof, said seam cover being rigidly secured to some of said spacers independently of the securing means therefor.

1,643,992. ARTIFICIAL TEETH. EDWARD P. OFF, Philadelphia, Pa., assignor to The Dentists' Supply Company, a Corporation of New York. Filed Feb. 18, 1926. Serial No. 88,981. 7 Claims. (Cl. 32-9.)

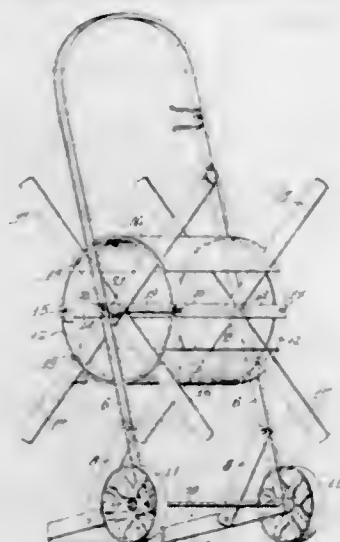


1. A facing comprising a porcelain tooth body having at its back an anchor formed of sheet metal bent upon itself and secured in the tooth body so as to project substantially at right angles to the surface at said back thereof said anchor providing a point at its bent portion and having projecting opposite side portions arranged at an angle to each other to form a grooved socket opening toward the cervical end of the tooth body and having their outer edges inclined toward the point.

1,643,993. HOSE REEL. CHARLES R. PARKER, Philadelphia, Pa., assignor to Wirt & Knox Mfg. Co., Philadelphia, Pa. Filed Aug. 23, 1926. Serial No. 130,857. 7 Claims. (Cl. 242-85.)

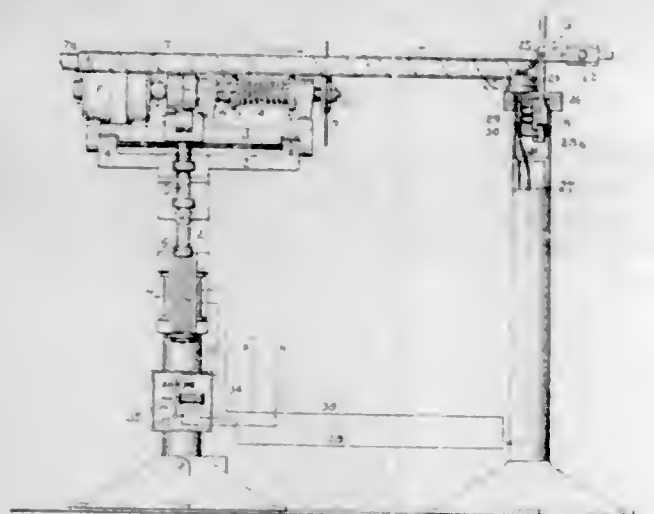
7. A hose reel including a U-shaped main frame, a U-shaped auxiliary frame, a wheel axle pivotally connecting the ends of the U-shaped members to one another, wheels on the wheel axle, a strap at each side of the reel having an end separably connected to each frame for holding

said frames in fixed relation to one another, a drum axle mounted in the main frame, spokes on the drum axle,



rings on the spokes, and drum segments removably connected to spokes and abutting the rings.

1,643,994. CUT-OFF SAWING MACHINE. PHILIP D. PARSONS, Philadelphia, Pa., assignor to Scott Paper Company, a Corporation of Pennsylvania. Filed Oct. 6, 1924. Serial No. 741,813. 10 Claims. (Cl. 164-61.)

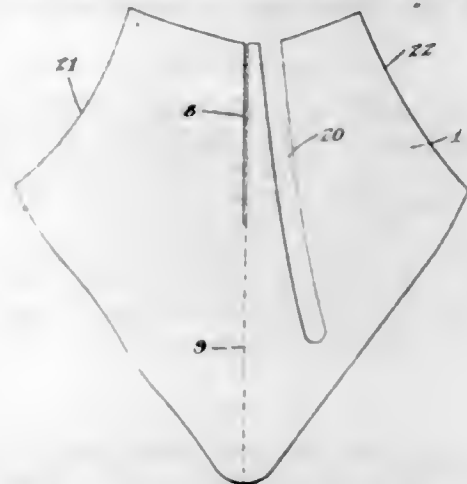


1. In a machine of the character stated the combination of a saw, operating means therefor, means for moving the saw toward and from the article to be severed in a plane coincident with the cutting plane of the saw, means for permitting the saw to travel freely along with the article by its severing contact therewith, a target at a distance from the saw and arranged to be operated when reached by the article, means controlled by the target for controlling the operation of the means for moving the saw toward the article to be severed, and additional positively operating means independent of the target for automatically returning the saw to its initial position when moved out of contact with the article being severed.

1,643,995. OVERSHOE PATTERN. WALTER E. PIPER, Sudbury, Mass. Filed Oct. 27, 1926. Serial No. 144,416. 3 Claims. (Cl. 33-5.)

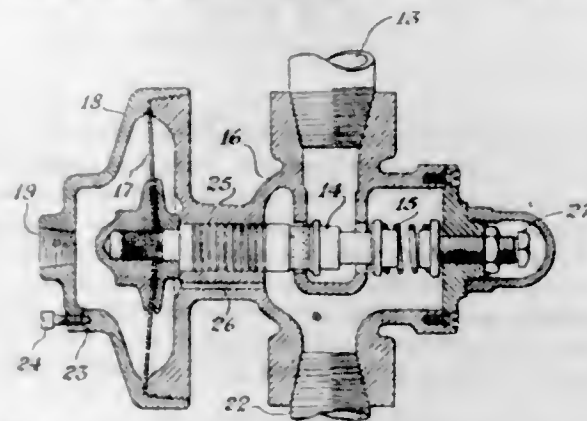
1. A pattern for use in the manufacture of overshoes provided with metallic slide fasteners, consisting of component parts comprising respectively a quarter, fan sides, lining, combined gusset and cuff, cuff lining, and fastener stay, said quarter being provided with a thread line to

indicate the position of the thread of the upper fabric in the completed overshoe, said quarter having a slot to indicate the position of the combined gusset and cuff, said



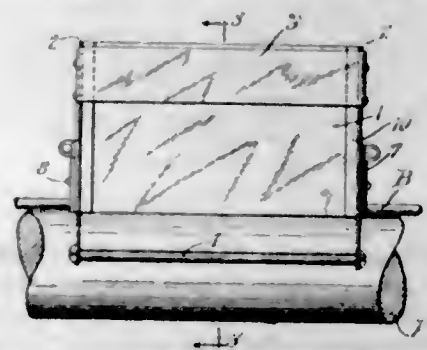
lining having a slot aligned with a slot in said quarter to indicate the position of the fastener on the side of the overshoe.

1,643,996. COOLING-WATER-CONTROLLING MEANS FOR COMPRESSORS. WARD RAYMOND, Easton, Pa., assignor to Pennsylvania Pump & Compressor Company, Easton, Pa., a Corporation of Pennsylvania. Filed Oct. 7, 1926. Serial No. 140,087. 3 Claims. (Cl. 230-212.)



1. Water controlling means for compressors comprising in combination a compressor cylinder having an opening through the wall thereof, a check valve connected to the cylinder at said opening, permitting compressed fluid to pass from said cylinder but not enter said cylinder, a valve casing connected directly to said check valve, a valve within said casing, a movable member attached to said valve whereby movement of said movable member moves said valve, and water supplying conduits opened and closed by movement of said valve and movable member.

1,643,997. TYPEWRITER ATTACHMENT. JAMES H. RAND, North Tonawanda, N. Y., assignor, by mesne assignments, to Remington Rand Inc., Tonawanda, N. Y., a Corporation of Delaware. Filed July 31, 1924. Serial No. 729,309. 5 Claims. (Cl. 197-135.)



1. A typewriter attachment comprising elongate flanged guides for the opposite edges of the paper, means interconnecting the guides in predetermined spaced relation,

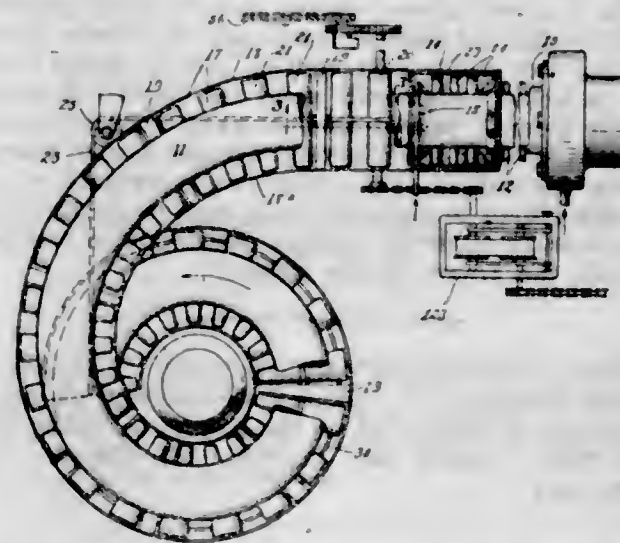
and spring held means for detachably connecting the attachment to a typewriter in operative relation to the platen.

1,643,998. METHOD OF MAKING COILS. BEVERLEY RANDOLPH SCOTT, Woodlynne, N. J., assignor to The Hammarlund Manufacturing Company, Incorporated, a Corporation of New York. Original application filed Feb. 19, 1926, Serial No. 89,292. Divided and this application filed July 29, 1927. Serial No. 209,276. 10 Claims. (Cl. 175-359.)



1. The method of making a coil which consists in securing a tube of celluloid-like material on a mandrel, winding insulated wire tightly thereon, then applying a solvent to the outer surface of the material between the turns of wire, thereby causing the wire to become partially embedded in the material and then allowing the material to dry.

1,643,999. METHOD AND APPARATUS FOR MAKING TUBES. CHARLES H. SEMPLE, Canton, Ohio, assignor to Semple-Lee Processes, Inc., Akron, Ohio, a Corporation of Delaware. Filed Oct. 9, 1926. Serial No. 140,564. 19 Claims. (Cl. 18-55.)

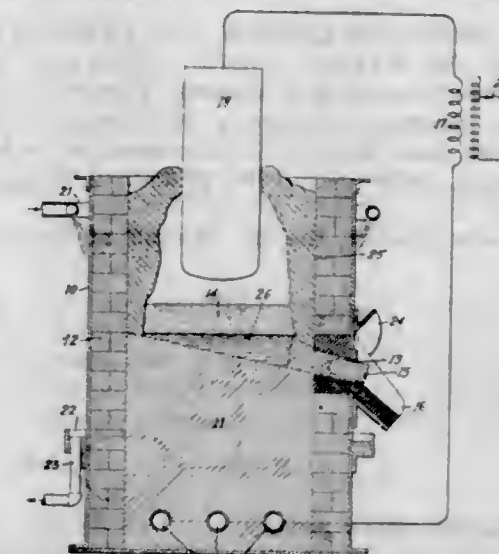


1. The method of making annular rubber tubes which comprises continuously forming a tubular strip of plastic rubber stock and feeding it from the forming position, continuously bending the strip by progression as it passes a position adjacent the forming position to give it approximately the longitudinal curvature desired in the finished annular tube, feeding the said strip continuously through a helical path from the position where it is so bent, and at the delivery end of said path cutting successive lengths from the strip substantially without stopping the forward feeding of the residue, the bending of the strip being effected by external engagement therewith, without full-section internal support of the tube at the bending position.

1,644,000. PRODUCTION OF SILICON-IRON AND ALUMINUM-COPPER ALLOYS. FRANK D. SHUMAKER, deceased, Pittsburgh, Pa., by Josephine J. Shumaker, executrix, Pittsburgh, Pa., assignor to Aluminum Company of America, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed Mar. 7, 1923. Serial No. 623,370. 16 Claims. (Cl. 75-45.)

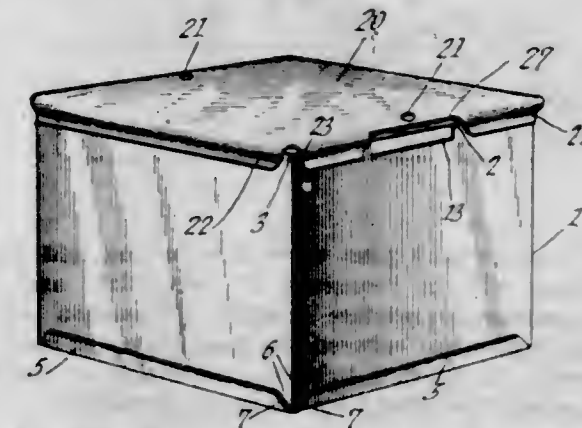
1. In a process of making silicon-iron and aluminum-copper alloys from materials containing oxides of aluminum, silicon, iron, and titanium, the steps comprising electrothermally smelting the aluminous material in the

presence of iron and with a suitable fluxing agent, and producing thereby ferro-silicon alloy containing more or less of the iron and titanium of the aluminous material treated, and a highly aluminous material or slag of low



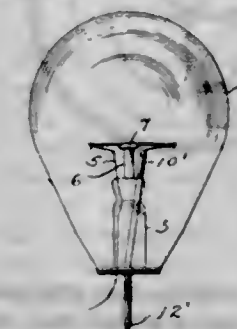
iron and titanium content but containing fluxing agent; and electrothermally smelting the flux-bearing slag in the presence of copper and producing thereby an aluminum-copper alloy low in iron and titanium.

1,644,001. BREAD CONTAINER. LEWIS F. W. TELSCHOW, Butler, Ind. Filed Aug. 25, 1924. Serial No. 734,109. 1 Claim. (Cl. 220-42.)



In a container, a rectangular body portion formed of sheet metal, a reinforcing wire surrounding the upper extremity of the body portion and around which the upper end of the body portion is bent, said body portion having cut away portions formed adjacent to the wire, exposing portions of the wire, a removable top having depending outwardly curved flanges split at their corners to lend resiliency to the flanges, said flanges adapted to fit over the wire and frictionally engage the wire to hold the removable top in position, said removable top having openings adjacent to the wire to receive padlocks passed through the cut out portions of the body, and a bottom for the body portions.

1,644,002. MEANS AND METHOD OF EXHAUSTING ELECTRICAL BULBS. JOHN S. VAN HORNE, Franklin, Ohio. Filed July 25, 1922. Serial No. 577,454. 5 Claims. (Cl. 176-2.)

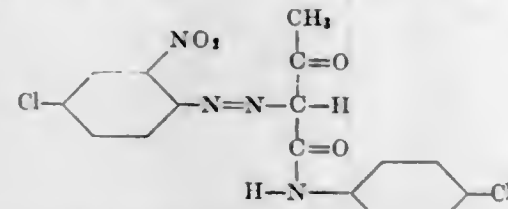


4. The herein described method of exhausting glass bulbs and the like consisting in sealing a metallic tubular

electrical conductor into the wall of the bulb, exhausting the bulb through such tubular metallic duct and closing the conductor.

1,644,003. GREENISH-YELLOW AZO DYESTUFF AND PROCESS OF MAKING SAME. HERMANN WAGNER, Soden-on-the-Taunus, and ALBERT FUNKE, Höchst-on-the-Main, Germany, assignors to Grasselli Dyestuff Corporation, New York, N. Y., a Corporation of America. Filed Oct. 5, 1925. Serial No. 61,300. 2 Claims. (Cl. 260-86.)

2. As a new product, the azo dyestuff of the following formula:



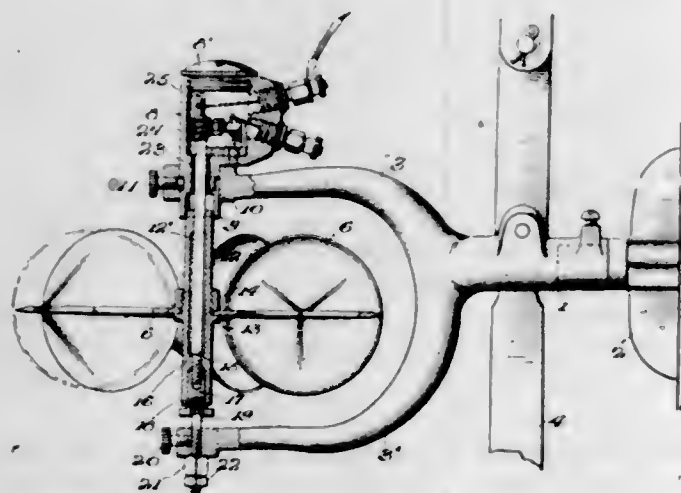
being a greenish-yellow powder.

1,644,004. ELECTRICAL WAVE FILTER. OTTO J. ZOBEL, New York, N. Y., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed May 4, 1923. Serial No. 636,668. 9 Claims. (Cl. 178-44.)



1. A low-and-band pass wave-filter having mid section equivalence with a "constant k " wave-filter and comprising means to produce infinite attenuation at two different frequencies between the pass ranges of frequency and means to produce infinite attenuation at one frequency above the band pass range of frequency.

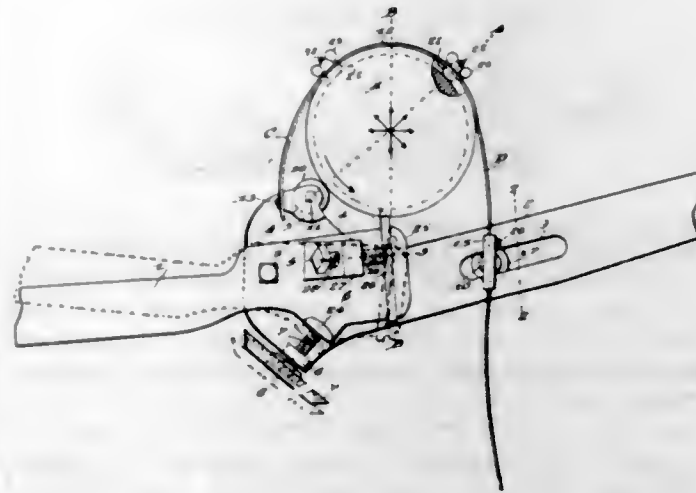
1,644,005. CURRENT METER. CARL H. AU, Washington, D. C., assignor of one-half to John C. Hoyt, Washington, D. C. Filed Oct. 17, 1925. Serial No. 63,089. 5 Claims. (Cl. 308-159.)



1. In a current meter, the combination of a shaft comprising a sleeve and a shouldered rod passing through said sleeve with its shoulder held against a corresponding

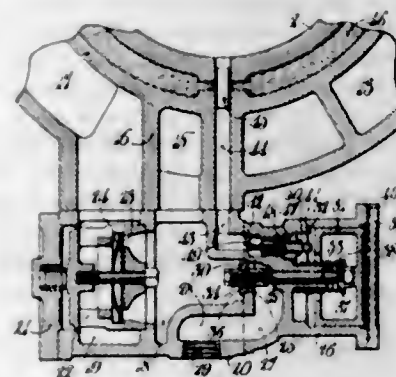
shoulder in the sleeve, a yoke, bearings for said shaft removably supported one in each arm of said yoke, and a cup-wheel secured to said shaft.

1,644,006. PISTON-GROOVE CLEANER AND DEEPENER. GEORGE C. BECK, Spokane, Wash. Filed Feb. 7, 1927. Serial No. 166,460. 8 Claims. (Cl. 82-4.)



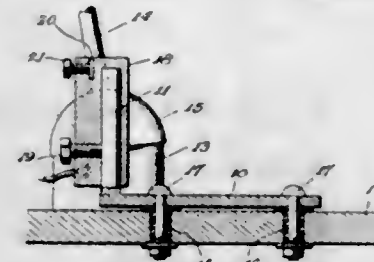
1. In a piston groove cleaner and deepener, pivotally united cutting and holding levers and the former having a cutting tool rigidly held thereon, a strip spring adapted to be looped peripherally about the piston and having its ends secured to said holding lever laterally of said tool, said holding lever having a roller piston fulcrum between the ends of said spring and in advance of said tool with respect to the direction of rotation of the piston, and means for relatively shifting said levers to feed said tool into the groove of the piston.

1,644,007. UNLOADING MECHANISM. HJALMAR T. BLOM, Chicago, Ill., assignor to Sullivan Machinery Company, a Corporation of Massachusetts. Filed June 20, 1921. Serial No. 478,958. 38 Claims. (Cl. 230-26.)



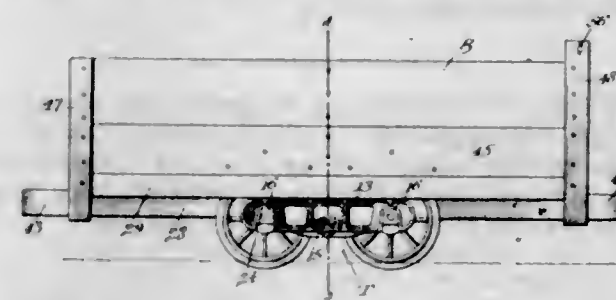
1. The combination with a compressor, of means for directly controlling compressor cylinder fluid to effect unloading of said compressor, and means responsive to sub-normal pressure within said compressor for operating said unloading means, said unloading means including a plurality of valve elements adapted to be successively actuated and fluid pressure controlled actuating means for said valves.

1,644,008. REVERSE-SIGNAL-CIRCUIT CLOSER FOR MOTOR VEHICLES. JOSEPH A. BRIERE, Lake Linden, Mich. Filed Apr. 7, 1926. Serial No. 100,391. 3 Claims. (200-59.)



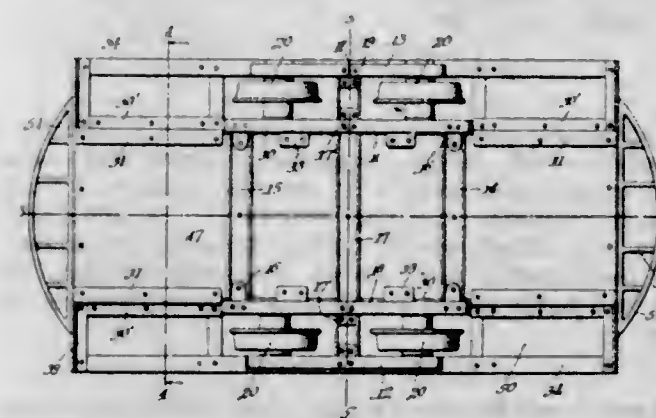
1. A switch member including a bracket for attachment to a vehicle and including an upstanding post adjacent a gear shift lever of the vehicle, a block mounted upon the bracket and adjustable vertically and circumferentially thereof, means for releasably securing said block in a set position upon the post, a contact finger carried by the block and projecting transversely therefrom for engagement by said lever when moved to one of its operative positions for closing a circuit through said finger, the finger being adjustable transversely of the block for varying the effective length of said finger, and means for locking the finger in adjusted position.

1,644,009. MINE CAR. GLENN E. EDMUNDS, Columbus, Ohio, assignor to The Bonney-Floyd Company, Columbus, Ohio, a Corporation of Ohio. Filed Mar. 24, 1926. Serial No. 97,068. 26 Claims. (Cl. 105-364.)



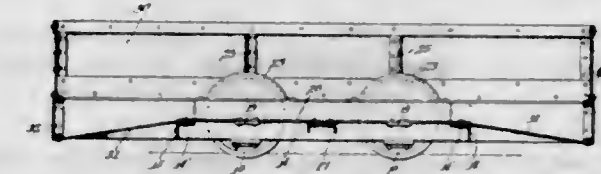
1. In a mine car, a body adapted to be mounted upon a truck, said body having a base frame structure comprising a pair of spaced side bars at each side, end cross bars connecting said pairs of side bars, said side bars being angular in cross section.

1,644,010. MINE CAR. GLENN E. EDMUNDS, Columbus, Ohio, assignor to The Bonney-Floyd Company, Columbus, Ohio, a Corporation of Ohio. Filed Dec. 28, 1926. Serial No. 157,550. 23 Claims. (Cl. 105-364.)



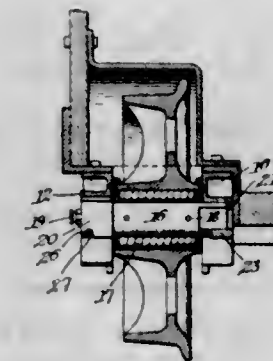
1. In a mine car, a truck unit comprising a pair of sill bars at each side, cross girts connecting said pairs of sill bars and floor supporting members formed integrally with the inner of said sill bars and extending inwardly therefrom.

1,644,011. MINE CAR. GLENN E. EDMUNDS, Columbus, Ohio, assignor to The Bonney-Floyd Company, Columbus, Ohio, a Corporation of Ohio. Filed Dec. 28, 1926. Serial No. 157,551. 23 Claims. (Cl. 105-364.)



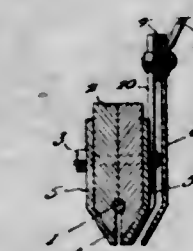
1. In a mine car, a truck comprising spaced sill bars at each side, wheels positioned between said sill bars and wheel hoods positioned over said wheels, said hoods each having a marginal flange secured to the sill bars and a wall-brace securing means formed integrally therewith.

1,644,012. MINE CAR. GLENN E. EDMUNDS, Columbus, Ohio, assignor to The Bonney-Floyd Company, Columbus, Ohio, a Corporation of Ohio. Original application filed Mar. 24, 1926. Serial No. 97,068. Divided and this application filed Dec. 28, 1926. Serial No. 157,552. 7 Claims. (Cl. 105-180.)



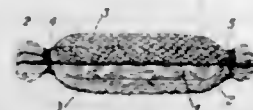
1. In a mine car, a truck of the independent stub axle type comprising a plurality of stub axles each having spaced substantially inverted U-end seats in said truck, one of said seats being open at its lower end and the other being closed, said axles having their ends fitting snugly into said seats and held against rotation.

1,644,013. TROLLEY CONTACT. CHARLES S. EPPLEY, York, Pa., assignor to Self-Acting Switch Co., York, Pa., a Corporation of Delaware. Filed Oct. 11, 1926. Serial No. 140,881. 3 Claims. (Cl. 246-254.)



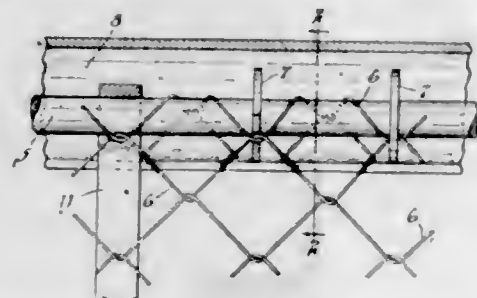
1. Circuit closing means for electrically operated switch mechanism for railways, the same comprising an elongated body of insulating material comprising longitudinal sections adapted to receive the trolley wire therebetween, means for securing the sections and clamping them upon the trolley wire, contact strips along the outer sides of the body, a strip of insulating material supported above and at one side of the body, and a contact element attached at its upper end to the said insulating strip and extending along the side of the said body and spaced from the adjacent contact strip.

1,644,014. CARBON-MONOXIDE DETECTOR. CHESTER S. GORDON, New York, N. Y., and JAMES T. LOWE, Newark, N. J., assignors to American Telephone and Telegraph Company, a Corporation of New York. Filed Dec. 3, 1925. Serial No. 73,040. 6 Claims. (Cl. 23-254.)



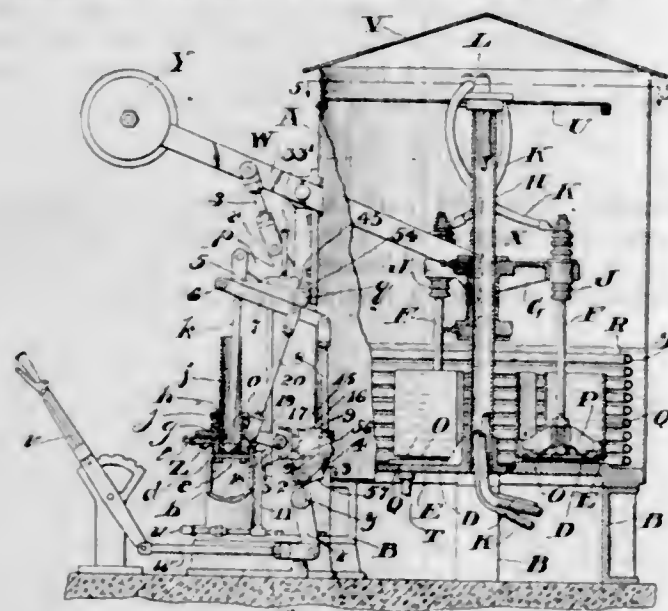
1. A gas detector, comprising an easily frangible vessel containing a solution of salts including palladium chloride, and a covering for said vessel of a light colored absorbent material.

1,644,015. WIRE-WEBBING-ANCHORING DEVICE. JOHN L. GRISWOLD, Dodge Center, Minn. Filed July 23, 1924. Serial No. 727,697. 3 Claims. (Cl. 245-10.)



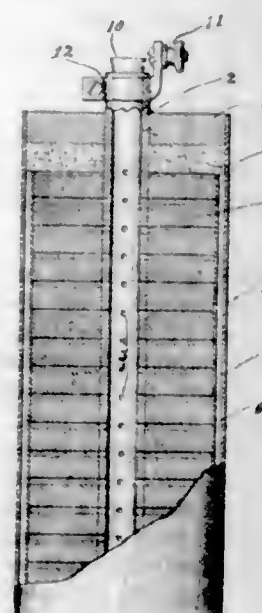
1. An anchoring device for wire webbing, comprising a slitted tube, a rod within said tube, wire webbing projecting through the slit in said tube, and a plurality of washers surrounding said rod and engaging the strands of said webbing at linking points.

1,644,016. PNEUMATICALLY-CONTROLLED RHEOSTAT. HARRY V. HAIGHT, Sherbrooke, Quebec, Canada, assignor to Ingersoll-Rand Company, Jersey City, N. J., a Corporation of New Jersey. Filed Aug. 17, 1926. Serial No. 129,804. 9 Claims. (Cl. 201-57.)



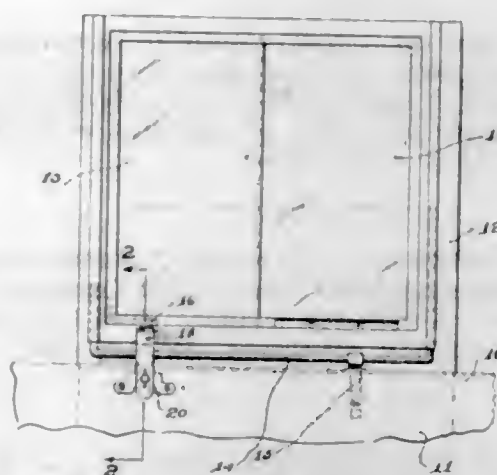
1. A pneumatically controlled rheostat comprising a tank containing liquid and electrodes, adapted to be immersed in said liquid, a hand operated lever having positions corresponding to definite depths of immersion of said electrodes in said liquid, a cylinder and fluid actuated piston adapted to raise and lower said electrodes in said liquid, and valves adapted to be actuated by said hand operated lever and restored to inoperative position by said piston, to control the raising and lowering of said piston in said cylinder for setting said electrodes at the position corresponding to the position of said hand operated lever.

1,644,017. DRY CELL. WILLIAM F. HENDRY, Ossining, N. Y., assignor, by mesne assignments, to National Carbon Company, Inc., New York, N. Y., a Corporation of New York. Filed Nov. 8, 1923. Serial No. 673,538. 9 Claims. (Cl. 136-136.)



1. In a dry cell, a circular zinc electrode, a carbon electrode centrally located therein, depolarizing mix between said electrodes, a cellulose layer separating said mix from said zinc electrode, and intersecting radial passageways in said mix extending from said carbon electrode towards said layer.

1,644,018. CONNECTER PLATE FOR VEHICLE DOORS. MATTHEW R. HULL, Connersville, Ind., assignor to Rex Manufacturing Company, Connersville, Ind., a Corporation of Indiana. Filed July 15, 1924. Serial No. 726,221. 7 Claims. (Cl. 296-45.)



4. Means for securing a demountable door section to a permanent door section comprising inner and outer plates permanently secured to one door section, a longitudinally corrugated housing secured in the other door section and aligned screws having threaded engagement with the housing said screws extending through the inner and outer plates respectively, substantially as set forth.

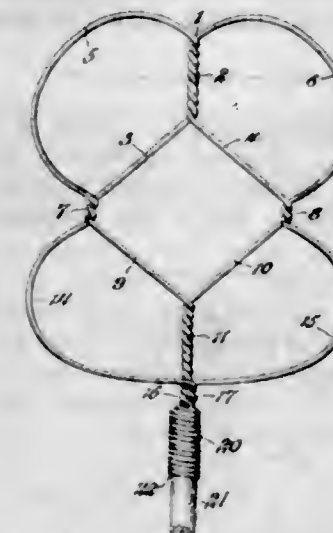
1,644,019. STARTING CRANK FOR INTERNAL-COMBUSTION ENGINES. CHARLES IRVINE, Toronto, Ontario, Canada. Filed Sept. 27, 1926. Serial No. 188,959. 4 Claims. (Cl. 123-185.)

1. In a starting crank of the class described, a shaft composed of two parts, a spiral jaw clutch for connecting the two parts to each other, a sleeve surround-

ing the clutch and having a bayonet slot therein, a pin projecting from a clutch-jaw for engagement with the bayonet slot, means for keying the sleeve to the other jaw but permitting it to fractionally turn about the jaws and means for holding the sleeve from turning backwardly with the aforesaid shaft.

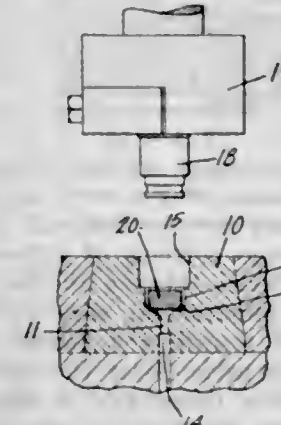


1,644,020. CARPET BEATER. FRANK P. JOHNSON, Danville, Pa. Filed July 16, 1926. Serial No. 122,866. 1 Claim. (Cl. 15-141.)



A beater composed of a pair of wires twisted together at separate points intermediate their ends and arranged to form a series of struts and loops of relatively short lengths, the ends of the loops being braced by the struts arranged in opposite pairs one pair of free end portions of the wires constituting the rear pair of loops and being twisted together and presenting interlocking coils to provide a handle socket, the other pair of free end portions of the wires constituting the adjacent struts and being brought together and twisted to constitute a flexible rear stem, the ends of the stem wires being bent outwardly to engage within the coils of the socket and concealed therein, and the loop wires adjacent to the interlocking coils of the socket being wrapped tightly about the stem to prevent a relative longitudinal movement of the latter.

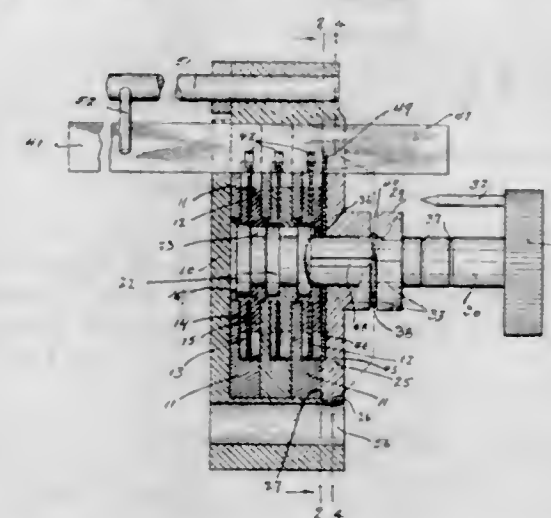
1,644,021. METHOD OF MAKING POPPET VALVES. WILLIAM S. KNUDSEN, Detroit, Mich., assignor to General Motors Corporation, Detroit, Mich., a Corporation of Delaware. Filed Apr. 2, 1925. Serial No. 20,165. 7 Claims. (Cl. 29-156.7.)



1. The process of making a valve having a stem and a head consisting in preparing a die having a recess shaped to form a valve seat and an opening from the re-

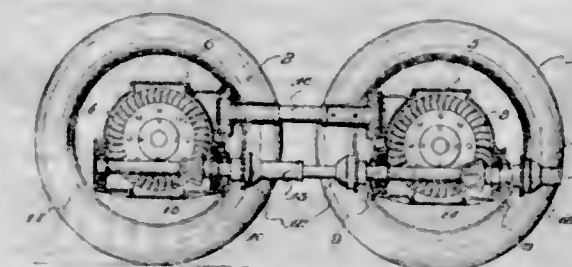
cess, preparing a blank of steel but slightly smaller than the recess in the die, and extruding a portion of the blank through the opening to form a valve stem and leaving in the recess a shaped head.

1,644,022. LOCK. JUBERT G. MALOUF, La Salle, N. Y. Filed July 18, 1925. Serial No. 44,620. 10 Claims. (Cl. 70-53.)



7. A lock comprising a lock bar, a plurality of circular tumblers in co-operative relation with the lock bar, each of the tumblers being rotatable through a complete circle without rotating any of the other tumblers, and an operating stud for rotating the tumblers one at a time.

1,644,023. DRIVE MECHANISM FOR MULTI-WHEELERS. ARTHUR I. MARCUM, Oakland, Calif., assignor to Emory Winship, Macon, Ga. Filed July 22, 1926. Serial No. 124,158. 5 Claims. (Cl. 180-22.)

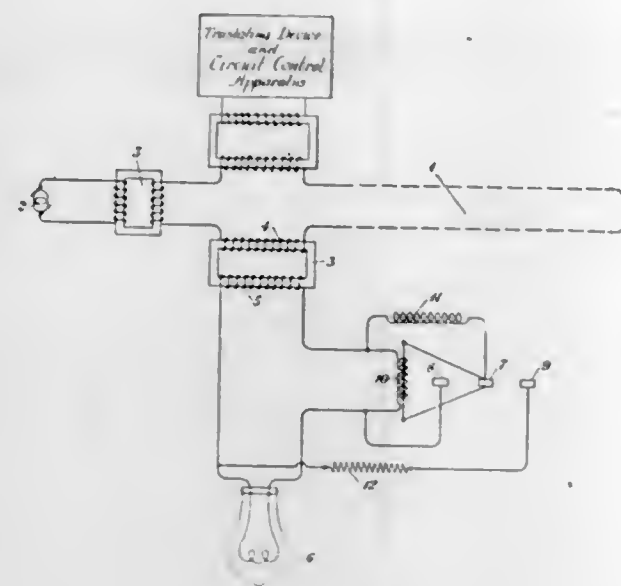


1. In combination with a pair of tandem drive axles supporting load carrying housings, each axle including a master driving gear, of a continuous flexible drive shaft extending in a substantially straight line through said housings under normal conditions between horizontal planes tangent to said master gears and journaled in the housings at a plurality of points spaced along said shaft, and gears meshing with said master gears secured to said shaft.

1,644,024. LIGHTING CIRCUIT. RALPH G. MCCURDY, Englewood, N. J., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed June 1, 1925. Serial No. 34,225. 7 Claims. (Cl. 171-97.)

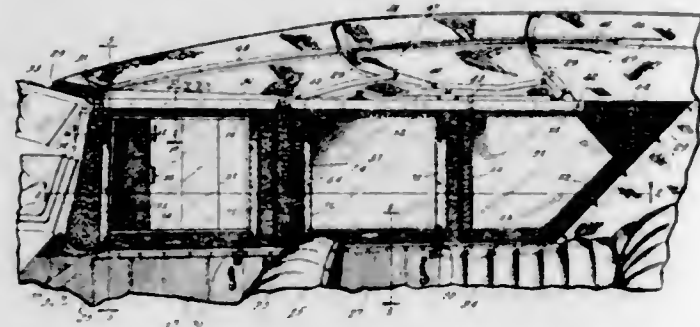
1. In combination, a main circuit comprising a plurality of transformers having their primaries in series with each other, a source of current of fundamental frequency for said main circuit, a constant current transformer interposed between said source and said main circuit, and means including a thermal relay for short-circuiting the secondary of any one of said transformers with a reactor of suitable reactance and resist-

ance upon failure of the lamp filament associated therewith, said resistance and reactance being so related to the individual transformers that only waves of the



fundamental frequency are freely impressed upon the main circuit, while waves of harmonics of the fundamental frequency become substantially suppressed.

1,644,025. AUTO TOP. FREDERICK V. MILLER and FRANK M. CRAWFORD, Connersville, Ind., assignors to Rex Manufacturing Company, Connersville, Ind., a Corporation of Indiana. Filed June 11, 1923. Serial No. 644,586. 2 Claims. (Cl. 296-138.)

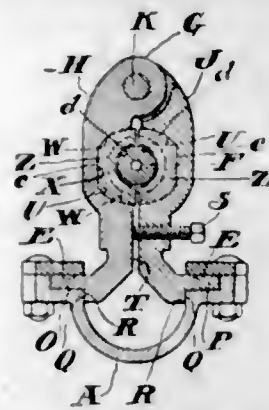


1. In a side curtain for automobiles the combination of a glass-engaging structure for receiving the edge of the glass of a window, two stiffening strips cooperating with said glass-engaging structure and projecting therefrom oppositely from the glass, the outer edges of said stiffening strips being in proximity, fabric overlying said glass-engaging structure and said stiffening strips, one layer of said fabric being folded around the edge of only one stiffening strip and the other layer of fabric being folded around the edges of both stiffening strips, a metal channel extending around the outer edge of the stiffening strips and fabric folded around such edges and binding them together, substantially as set forth.

1,644,026. CENTRALIZER FOR DRILL STEELS. JOHN F. MOCK, Phillipsburg, N. J., assignor to Ingersoll-Rand Company, Jersey City, N. J., a Corporation of New Jersey. Filed Oct. 8, 1926. Serial No. 140,341. 3 Claims. (Cl. 255-51.)

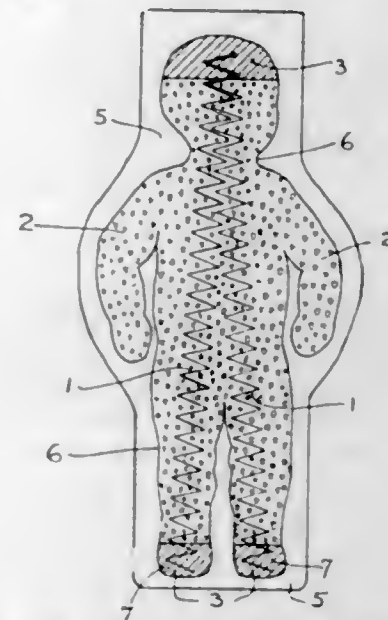
1. A centralizer for drill steels, comprising a plurality of arms, a pivot connecting the arms, means disposed slidably in the arms to engage the arms in pairs for pre-

venting relative pivotal movement between arms on the same side of the centralizer, said means being adapted to



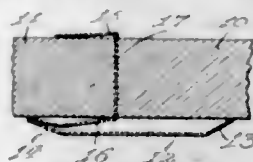
encircle a working implement, and extensions on the arms adapted to cooperate slidably with the guideways of a rock drill shell.

1,644,027. BOUNCING DOLL. JOHN HUGH O'NEILL, Springfield, Mo. Original application filed Oct. 28, 1922, Serial No. 597,601. Divided and this application filed Aug. 1, 1924. Serial No. 729,532. 2 Claims. (Cl. 40-40.)



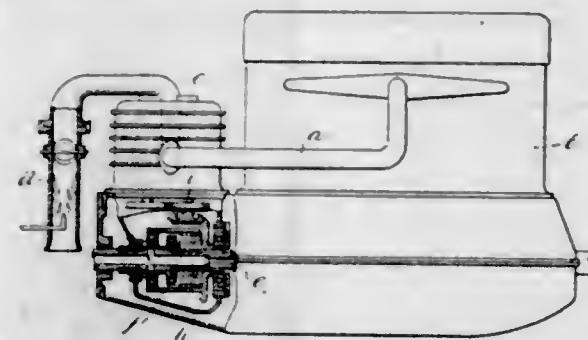
1. In a bouncing doll an anatomy composed of compressible and extensible springs and sponge rubber, said springs being embedded in said sponge rubber, the latter thereby securing the springs in position and adding to the resilience of the doll structure.

1,644,028. BARN BATTEN. LESLIE T. PETERSEN, Denison, Iowa. Filed June 2, 1927. Serial No. 196,014. 4 Claims. (Cl. 108-12.)



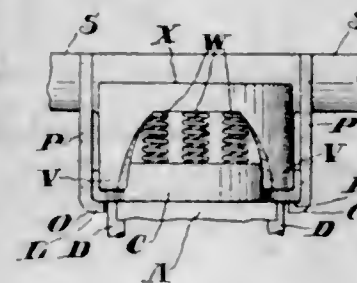
1. A batten for covering crevices between boards of barns, and the like, comprising a sheet metal strip having a relatively flat body portion adapted to overlap the outer faces of the edge portions of adjacent boards and extend across the crevice between the boards, said body portion having its longitudinal edge portions bent inwardly at an angle toward the boards to seat thereagainst and seal the batten over the crevice, said body portion having at its inner side a clip portion bent backwardly from one longitudinal edge portion thereof and opening in the general direction of said edge portion of the body portion to embrace the edge portion of one of the boards at the crevice and hold the batten in place.

1,644,029. CARBURETOR FOR SUPERCHARGING INTERNAL-COMBUSTION ENGINES. FERDINAND PORSCHE, Stuttgart-Unterturkheim, Germany, assignor, by mesne assignments, to Daimler-Benz Aktiengesellschaft, Berlin, Germany. Filed Mar. 14, 1925, Serial No. 15,690, and in Germany Dec. 24, 1923. 1 Claim. (Cl. 123-119.)



In combination, an engine, a carburetor, a branched mixture conduit from said carburetor to said engine, a supercharger in one of said branches, means for selectively subjecting the carburetor to the suction of the supercharger or of the engine, through said respective branches, and suction opened air valves cooperating to occlude the air intake of the carburetor, said air valves being responsive, the one, to a range of sub-pressures up to the maximum engine-induced suction, and the other, to a range of sub-pressures extending beyond said maximum, whereby the cross-sectional capacity of the carburetor air intake is automatically increased upon the selective use of the supercharger to avoid throttling of the air inducted by said supercharger.

1,644,030. HANDLE FOR ROCK DRILLS. WILLIAM PRELLWITZ, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J., a Corporation of New Jersey. Filed Aug. 4, 1926. Serial No. 127,056. 2 Claims. (Cl. 121-36.)

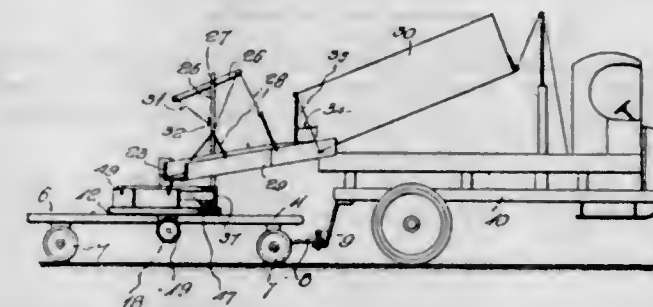


2. In a fluid actuated rock drill, a back head, lateral projections at each side of the back head having apertures, side bolts in the apertures for securing the back head to the cylinder of the rock drill, a handle, extensions carried by the handle, and lying opposite the ends of the said lateral projections, inwardly extending hooks on the extensions to cooperate with the projections for limiting upward movement of the handle with respect to the back head, downwardly extending guide arms on the handle cooperating slidably with the sides of the projections for preventing rotation of the handle with respect to the back head, and springs between the back head and handle for cushioning the handle.

1,644,031. CENTRIFUGAL SPREADER. WILLIAM Z. PULLIAM, Inglewood, Calif. Filed Dec. 6, 1926. Serial No. 153,007. 5 Claims. (Cl. 275-8.)

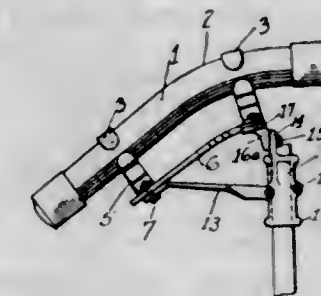
1. In a centrifugal spreader, a rotor upon which to deposit material to be spread, a stationary support upon which said rotor is mounted, a movable plate interposed between the support and the rotor and mounted for pivotal movement about the axis of the latter, an arcuate wall rising from said movable plate at the periphery of

said rotor, means for holding said movable plate after pivotal movement thereof to circumferentially adjust said wall, and a second arcuate wall rising from said support at the outer side of the first named wall, said second



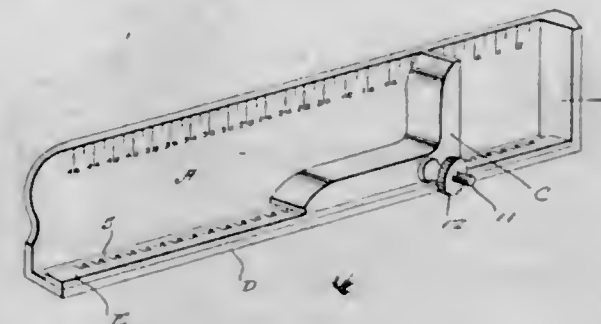
wall having an end cooperable with the opposed end of the first named wall in forming an outlet throat whose size may be varied by the above-named pivotal movement of the plate.

1,644,032. AUTOMOBILE BUMPER. WILLIAM RAHE, Cincinnati, Ohio. Filed Feb. 1, 1926. Serial No. 85,195. 4 Claims. (Cl. 293-55.)



1. In combination a bump receiving element, springs for retaining said element in resilient support, a bar connecting the springs, a clamp on the frame of a vehicle, and means on the clamp adapted to engage the bar in a plurality of clamped positions.

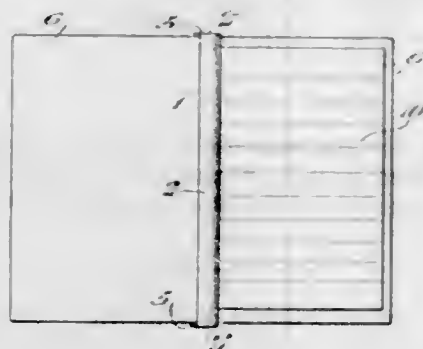
1,644,033. PRINTER'S COMPOSING STICK. EDWARD H. RATHBUN, Mittineague, Mass. Filed Dec. 2, 1925. Serial No. 72,706. 1 Claim. (Cl. 276-39.)



In a composing stick of the class described, a pan, end and back walls, a strip secured on the upper inner portion of the back wall, said strip having notches formed in the lower edge thereof, a knee slidable along the strip and said back wall, the inner portion of the knee being provided with a transverse cut out portion, a dog slidable in the cut out portion, teeth depending from said dog and adapted to engage in said notches for locking the knee against sliding movement, and for normally holding the dog forwardly in the cut out portion of the knee, said means comprising a bolt attached at its inner end to the dog, the threaded end of the said bolt extending

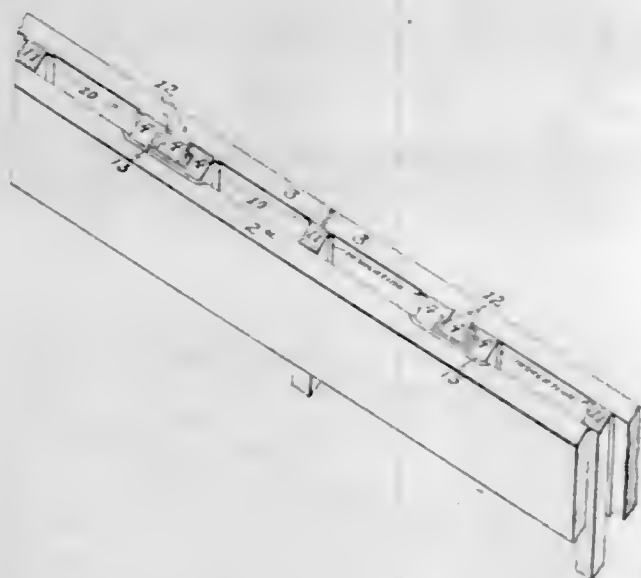
through the forward side of the knee, the forward side of the knee having a socket formed therein around the opening through which the threaded end of the bolt extends, a thumb nut threaded on the outer threaded end of the bolt, and an expansible spring disposed within the socket and bearing against the inner face of the nut.

1,644,034. LOOSE-LEAF BINDER FOR MEMORANDUM BOOKS AND SIMILAR DEVICES. WILLIAM A. RINGLER, Philadelphia, Pa. Filed July 31, 1924. Serial No. 729,215. 5 Claims. (Cl. 129-1.)



1. A loose leaf binder, comprising a holder adapted to be secured to a cover and having resilient side flanges, each of which has its free marginal edge bent inwardly to form a shoulder, a filler insertable between said flanges, and fastening means for said filler adapted to lie beneath said shoulders when said filler is inserted between said flanges and provided with free ends deflected to pass into the filler and retained therein by said side flanges.

1,644,035. BUILDING WALL AND BLOCK CONSTRUCTION. IVAN ROČIĆ, New York, N. Y. Filed Aug. 17, 1925. Serial No. 50,756. 4 Claims. (Cl. 72-39.)

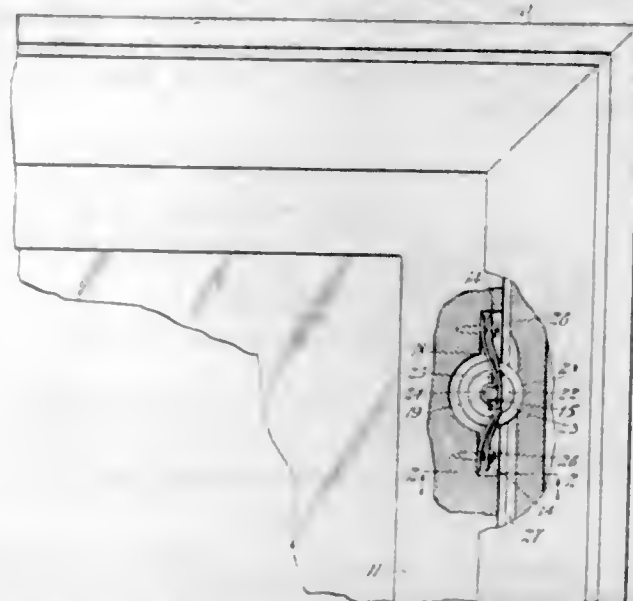


1. A building wall composed of superposed blocks, an anchor for spacing said blocks from a structural part of a building and constituting a guide in assembling the wall and means for interlocking the blocks with the anchor.

1,644,036. WINDOW-SASH-RETAINING DEVICE. FRANCIS ROONEY, Flushing, N. Y. Filed Oct. 29, 1925. Serial No. 65,563. 5 Claims. (Cl. 292-77.)

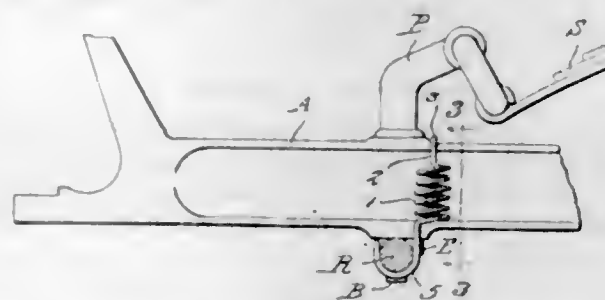
1. The combination with a window frame and a window sash arranged for movement in said frame, of a device for temporarily holding said window sash in any

desired position in said frame, said device comprising a flexible member attached to a side stile of the window



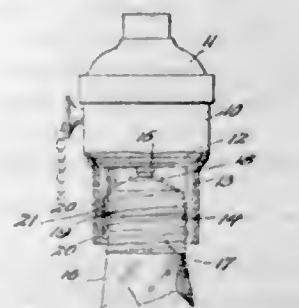
sash, each end of the flexible member in slidable contact with the stile, and a roller detachably and rotatably carried by said flexible member.

1,644,037. RADIUS-ROD HOLDER. WALTER L. ROPER, Maplesville, Ala. Filed Aug. 13, 1926. Serial No. 129,029. 1 Claim. (Cl. 267-66.)



The combination with an axle, a bolt depending therefrom, and a radius rod detachably secured upon the bolt, of a resilient support for the rod, said support including a spring and oppositely extending means carried by the spring for engaging respectively the top of the axle and the bottom of the rod, said means being held in engagement with the axle and rod solely by friction due to the action of the spring.

1,644,038. LAMP GRIP. MARK N. RUSSELL, Syracuse, N. Y., assignor to Pass & Seymour, Inc., Syracuse, N. Y., a Corporation of New York. Filed Mar. 7, 1925. Serial No. 13,912. 1 Claim. (Cl. 173-358.)



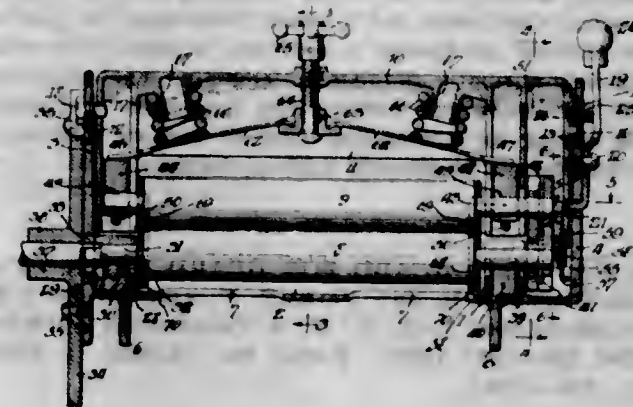
A lamp socket comprising an insulating base, center and screw shell contacts supported thereby, said shell contact having a longitudinally extending channel on the interior thereof, a bowed spring in said recess and ears on said spring engaging over the edges of said shell to retain the spring in said channel.

1,644,039. DEPOSIT RECEPTACLE. JOHN MELVIN SAWDEY, Mitchell, S. Dak., assignor to Dakota Koolaire Company, Mitchell, S. Dak., a Corporation. Filed Dec. 5, 1925. Serial No. 73,431. 3 Claims. (Cl. 232-41.)



3. A milk deposit device comprising a casing adapted to be embedded in the ground and having an open top, a receptacle for receiving milk bottles in stacked formation and of a diameter slightly greater than the diameter of a bottle snugly and slidably mounted in said casing and having a bottom and an extended top adapted to cover and rest upon the open top of said casing and thereby seal the casing and a handle attached to said top.

1,644,040. WRINGER. SIMON E. SCHROEDER, Oak Park, Ill. Filed Feb. 23, 1922. Serial No. 538,455. 7 Claims. (Cl. 68-32.)



1. In a wringer, the combination of a frame having a pair of wringer rolls mounted thereon, a pair of leaf springs each having one end exerting a pressure on a wringer roll and the other bearing on an adjustable support, and auxiliary spring members disposed intermediate the ends of the leaf springs adapted to press one of the wringer rolls against the other.

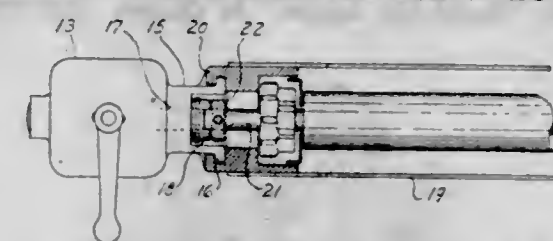
3. In a wringer, the combination of a main frame, an auxiliary frame pivoted on the main frame, a wringer roll mounted on each frame, a housing for the end mounting of said rolls comprised of portions on both frames and including a door on one of the frames adapted to be closed in the normal position of the rolls and to be opened when the roll on the auxiliary frame is moved away from the roll on the other frame.

1,644,041. WRINGER CONSTRUCTION. SIMON E. SCHROEDER, Newton, Iowa. Filed Apr. 20, 1925. Serial No. 24,340. 5 Claims. (Cl. 68-32.)

1. In combination, with a gear casing head and a wringer roll frame having wringer rolls mounted therein, of means for mounting said frame on said casing head,

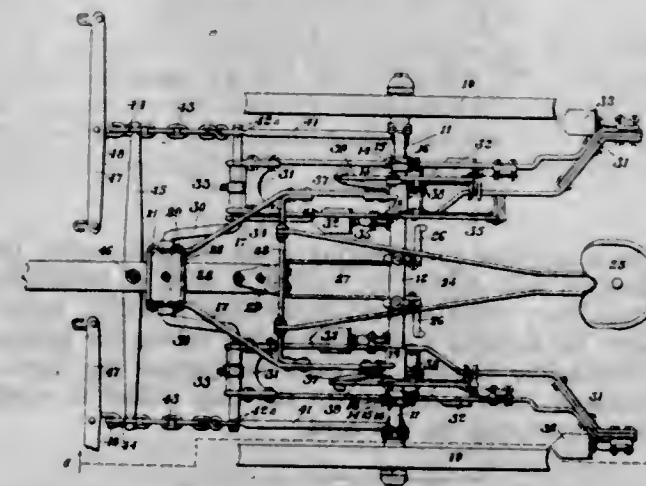
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comprising laterally extending key members and sockets respectively on the adjacent side faces of the head and



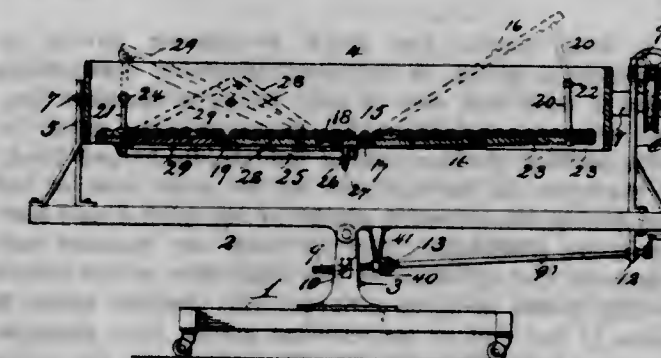
frame interlocked axially of the wringer rolls by a sliding movement transversely of the axes of the rolls.

1,644,042. CULTIVATOR. CARL G. STRANGLUND, Moline, Ill., assignor to Deere & Company, Moline, Ill., a Corporation of Illinois. Filed Apr. 19, 1921. Serial No. 462,618. 8 Claims. (Cl. 97-158.)



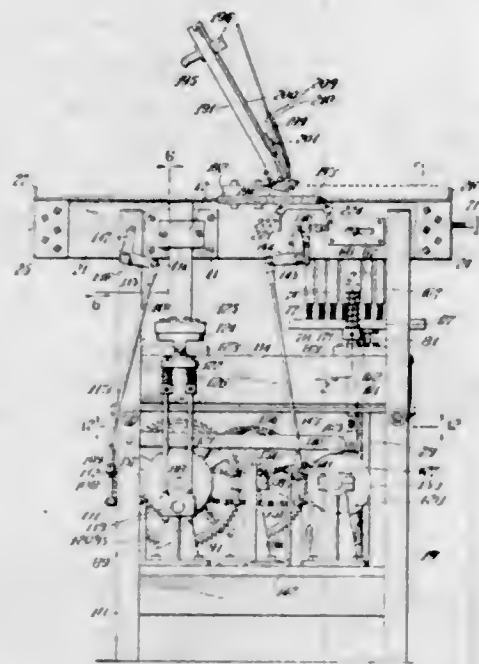
1. In a cultivator of the type described, the combination of a frame, supporting wheels therefor, a tool carrying rig, parallel members suspending said rig at longitudinally separated points from the frame and arranged to swing fore and aft, to translate the same vertically, a lever mounted on the frame, means connecting said lever with said members for swinging the same in unison by the actuation of said lever, and means operable to swing said rig vertically about a transverse axis.

1,644,043. ADJUSTABLE COT. PAUL TIEDERMANN, Brooklyn Township, Cuyahoga County, Ohio. Filed Feb. 9, 1923. Serial No. 618,036. 3 Claims. (Cl. 5-69.)



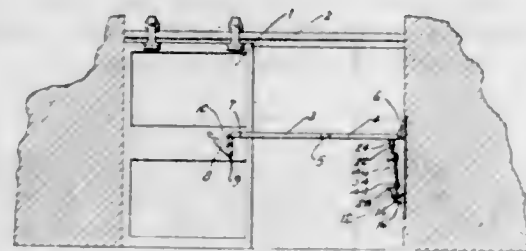
1. In a device of the character described, a revolvable frame, a sectional foldable platform therein, the sections thereof being hinged together, one portion of said platform comprising a transverse bar therein connecting the sides of said frame, balls pivoted at their ends in said frame for supporting the extremities of said platform, spaced engaging means on the lower side of one section of the platform for the adjacent ball, and a horizontal sliding support for the hinged section at the opposite end of said platform, and a guide therefor upon said transverse bars.

1,644,044. MACHINE FOR ATTACHING COLOR CHIPS TO CARDS. DAVID A. URIE, Chicago, Ill. Filed May 28, 1925. Serial No. 33,456. 39 Claims. (Cl. 216-14.)



1. In a machine for applying color chips to cards, the combination with means for holding a card, of means for applying color chips thereto comprising a holder having a pocket for holding a stack of chips, means for moving said chip-holder toward the card, and means for moving the stack of chips relatively to the chip holder to apply the outermost chip to the card.

1,644,045. DOOR CLOSING AND CHECK MECHANISM. WILLIAM W. WEEKS, Brooklyn, N. Y., assignor to Elevator Supplies Company, Inc., a Corporation of New Jersey. Filed Apr. 3, 1923. Serial No. 629,552. 7 Claims. (Cl. 16-52.)

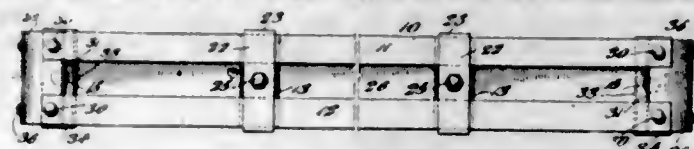


1. A door closing and check mechanism having in combination a piston, a cylinder, operating connections between a door and one of said parts, a chamber connected with the cylinder and communicating with the cylinder so that the controlling fluid is discharged freely from the space in the cylinder on the outer side of the piston during the outward stroke of the piston and having passages discharging directly from the chamber into the space in the cylinder on the inner side of the piston when the piston is at or adjacent the position which it assumes at the end of its outward stroke, said passages discharging into the space in the cylinder on the outer side of the piston except when the piston is at or adjacent the position which it occupies at the end of its outward stroke.

1,644,046. VEHICLE BUMPER. ALFRED WEILAND, Neshanic, N. J., assignor to Pneumatic Appliances Corporation, New York, N. Y., a Corporation of Delaware. Filed May 5, 1926. Serial No. 106,868. 5 Claims. (Cl. 293-55.)

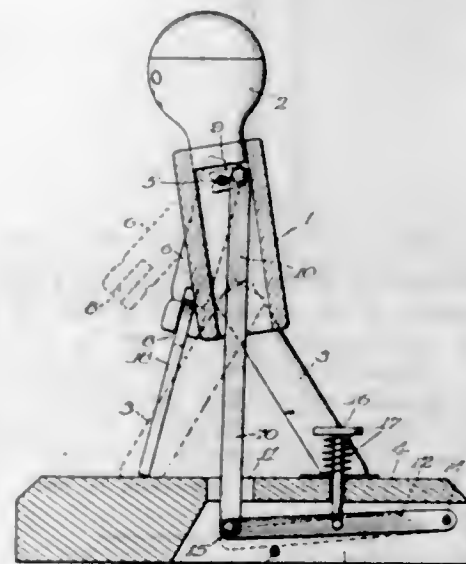
1. A bumper construction comprising an impact bar, a rear bar, means for supporting said rear bar from the

frame of a vehicle, resilient members connecting said impact bar and said rear bar between the ends thereof.



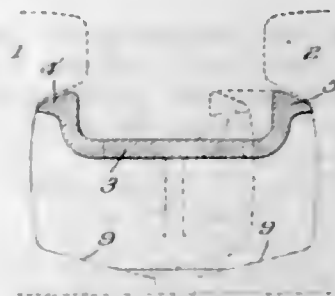
and rubber or rubberized fabric respectively connecting the ends of said impact bar to the ends of said rear bar.

1,644,047. MECHANICAL TOY. CLARENCE A. WETZEL, Sterling, Ill. Filed Dec. 4, 1925. Serial No. 73,079. 6 Claims. (Cl. 46-40.)



5. As an article of manufacture, an unattached toy horseshoe, means for normally engaging and detachably supporting the lower end of said horseshoe in position to be thrown or tossed a distance, manually operated mechanism normally detachably engaging the upper end of the horseshoe for tossing the horseshoe a distance, means having an upstanding post to receive said horseshoe, and means to operate said mechanism.

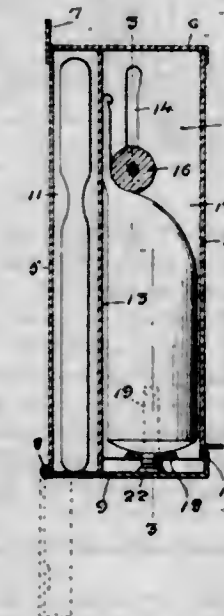
1,644,048. FOOT GUARD FOR GUARD RAILS. EMIL CARL ZIMMERMAN, New York, N. Y., assignor to Q & C Company, New York, N. Y., a Corporation of Maine. Filed Dec. 21, 1925. Serial No. 76,579. 1 Claim. (Cl. 238-379.)



An integrally cast foot guard member for use with guard rails of railway track structures consisting of a body member having an upper wall portion formed with an inclined outer end and longitudinally extending up-turned marginal flange portions underlying the rail heads, transversely arranged vertical supporting walls at the respective ends and intermediate portion of the body member, said walls being formed to have bearing engagement with the rail webs and base flanges, a securing flange longitudinally and outwardly extending from the body member in substantially the horizontal plane of the rail base and formed with a longitudinal series of spikes

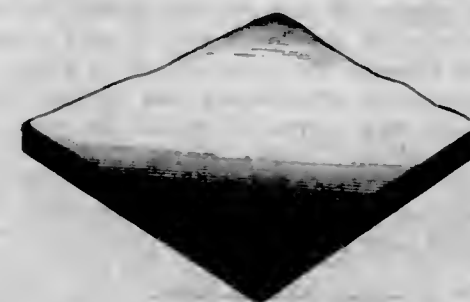
apertures adapted for securing the flange to a tie in varied spaced relation to the body member, vertically disposed reinforcing rib portions positioned at opposite sides of the securing flange and uniting said flange with the outer end wall portion of the body member and said upper wall of the body member being formed with openings for lightening the structure.

1,644,049. TOOTH BRUSH AND PASTE HOLDER. WILLIAM HERBERT YOUNG, Lakeland, Fla. Filed Oct. 15, 1926. Serial No. 141,825. 3 Claims. (Cl. 132-84.)



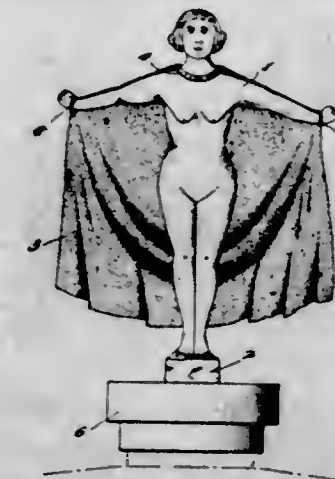
1. A dispensing cabinet of the character described comprising a tooth brush and tooth paste tube compartments, a substantially U-shaped member arranged in the paste tube compartment for supporting a tube in inverted position, means for removing the contents of the tube, a door for said tooth paste tube compartment and a closure on said door underlying and engaging the nozzle of the tooth paste tube when said door is arranged in closed position.

1,644,050. PROCESS FOR PRODUCING REENFORCED WATERPROOF COMPOSITIONS. WALTER H. Cady, Boston, Mass. Filed Nov. 7, 1921. Serial No. 513,333. 1 Claim. (Cl. 92-40.)



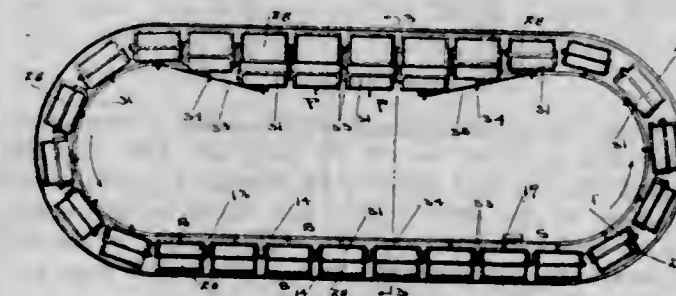
A process of producing a reenforced sheeted material consisting in simultaneously incorporating a waterproofing substance in the body of felted piles during the felt-ing of said piles, incorporating continuous strengthening fibrous cords extending longitudinally and transversely of the piles during the combination of the piles into a unitary structure.

1,644,051. RADIATOR ORNAMENT. LAWRENCE BRYAN CAMPBELL, Washington, D. C. Filed Nov. 19, 1926. Serial No. 149,467. 4 Claims. (Cl. 46-40.)



4. An ornament comprising a figure, and a weighted flexible drapery for the figure formed of a multiplicity of interconnected metallic elements, said drapery being suspended from the figure to be affected by a breeze and thereby caused to flutter and produce an animated effect.

1,644,052. SORTING AND GRADING DEVICE. FRANK W. CUTLER, Portland, Oreg., assignor to Cutler Manufacturing Company, Portland, Oreg., a Partnership. Filed Sept. 2, 1925. Serial No. 54,072. 3 Claims. (Cl. 209-125.)



1. In a sorter and grader: a track; carriages adapted to travel upon said track, each carriage having a lower compartment and an upper compartment; a parallel motion device connecting said compartments; and adjustably positioned cam devices for moving the upper compartment relatively to the lower compartment at certain points of travel of the carriage.

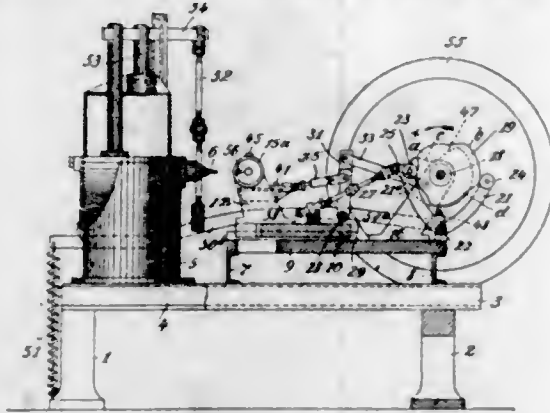
1,644,053. CLEANING CLOTH. CHARLES WALTER EBBERT, Quincy, Ill. Filed Aug. 3, 1925. Serial No. 48,007. 2 Claims. (Cl. 51-280.)

1. The method of producing a cleaning cloth consisting of subjecting the cloth to treatment in a solution formed of pine oil, tripoli, ammonia oleate, ammonia water and water, then stretching and drying the cloth and subsequently spraying the cloth with a gum camphor solution to act as a binder for the first referred to solution.

1,644,054. AUTOMATIC MACHINE FOR CASTING METAL UNDER PRESSURE. OTTO ECKERT, Nuremberg, Germany, assignor to Präzisionsguss-Fabrik Gebr. Eckert, Nuremberg, Bavaria, Germany. Filed Jan. 29, 1925. Serial No. 5,591, and in Germany Feb. 2, 1924. 2 Claims. (Cl. 22-92.)

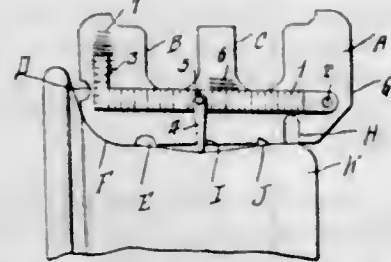
1. An automatically acting machine for casting metal under pressure comprising in combination with the main shaft of the machine and with the mould composed of several elements, a cam disc keyed on said main shaft said cam disc being of symmetrical shape and designed to

control all the operations of the machine, a sliding plate carrying said mould elements, an oscillatable fork hingedly fixed to said sliding plate for communicating a to and fro movement to said sliding plate, and a roller in the



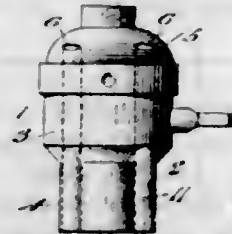
end of each arm of said fork, said rollers bearing on the circumference of said cam disc so that the line which connects the centres of said rollers extends always along a diameter of said cam disc.

1,644,055. WHEEL GAUGE. LUTHER R. FERGUSON, Hinton, W. Va. Filed Aug. 4, 1925. Serial No. 48,102. 1 Claim. (Cl. 33-203.)



A wheel gauge including a plate, a bar pivotally engaging said plate at one of its ends, an arm pivotally engaging the bar and adapted to assume a position perpendicular to the edge of the bar, there being graduations on said plate to cooperate with an edge of the bar to indicate the distance the free end of said arm projects beyond an edge of the plate.

1,644,056. VENTED ELECTRIC SOCKET. HOBART A. HALLOWELL, Woodlynne, and EDWARD D. HALLOWELL, Audubon, N. J. Filed July 8, 1925. Serial No. 42,326. 3 Claims. (Cl. 173-358.)

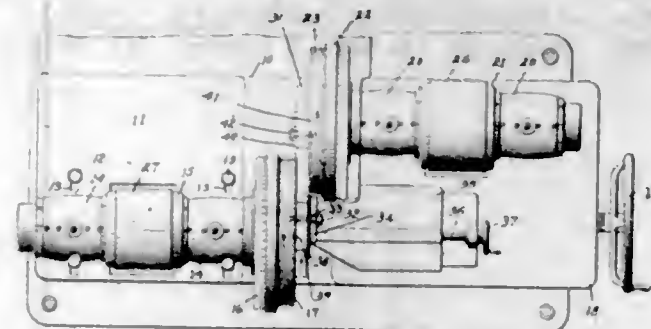


1. An electric socket having an insulating body having longitudinally extending recesses, and a sleeve secured to said body and deflected to form with the walls of said recesses ventilating passages.

1,644,057. GRINDING MACHINE. LEWIS R. HEIM, Danbury, Conn., assignor, by mesne assignments, to Cincinnati Grinders Incorporated, Cincinnati, Ohio, a Corporation of Ohio. Filed Oct. 8, 1921. Serial No. 506,222. 5 Claims. (Cl. 51-117.)

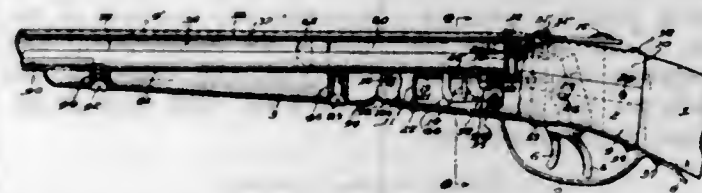
1. In a grinding machine, in combination, a grinding wheel having an annular operative surface, a regulating wheel having an annular operative surface, a frame mounting said two wheels with their axes of rotation substantially parallel and in a substantially horizontal plane but spaced laterally out of alignment and in such

relation that said annular operative surfaces thereof overlap in a radial direction, means including a driven shaft rotatably mounted in said frame and extending in the general direction of the axes of said wheels, said shaft having driving connections for driving said grinding wheel at a relatively high speed and for driving said regulating wheel at a relatively low speed, whereby said grinding wheel may perform a grinding operation upon work interposed between said wheels and said regulating wheel may control the rotation of said interposed work,



said shaft driving said two wheels in the same direction about their respective axes, whereby said overlapping portions of the operative surfaces of said two wheels travel in opposite directions, means for moving one of said wheels substantially lengthwise of its axis of rotation to vary the distance between said overlapping portions of the annular surfaces of the wheels, and a work support extending between said overlapping portions of the annular surfaces of said two wheels and adapted to support work of round section in operative relation to said two wheels.

1,644,058. TOY GUN. FREDERICK HENKE, Philadelphia, Pa., assignor, by mesne assignments, to A. H. Fox Gun Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Sept. 21, 1926. Serial No. 136,766. 15 Claims. (Cl. 124-12.)

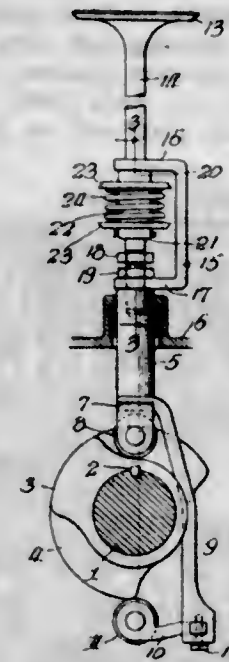


1. In a toy gun the combination of a hollow gun-lock frame formed by a plurality of pieces of sheet metal rigidly secured together, and having a trigger-slot there-through, and a gun-lock mechanism mounted therein, and comprising a pivot-pin passing transversely through said frame, a trigger mounted to turn freely on said pin and passing through said slot, said slot forming a guide to position said trigger on said pin and a stop to limit the forward movement of the lower end of said trigger, one of said pieces forming the breech-block, a firing pin extending through said breech-block and having transverse slots in the rear end thereof in which the upper end of said trigger is seated, and a spring under tension to normally hold said firing-pin in its retracted position, and the lower end of said trigger in its most forward position against said stop.

1,644,059. VALVE-ACTUATING MECHANISM. JOSEPH HOLLE, Newark, N. J. Filed Aug. 1, 1921. Serial No. 488,750. 3 Claims. (Cl. 123-90.)

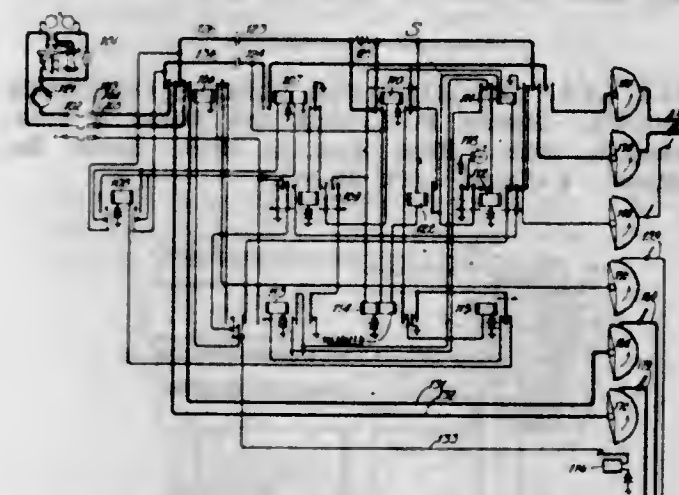
1. A valve actuating mechanism, comprising in combination a valve with a stem, an endwise movable rod aligned with said stem and provided at its end with a member movable into and out of contact with said stem in the opening and closing of the valve, a yoke carried by said rod and slidably engaged with said stem, an abutment on the stem, an expansion coil spring about

the stem and carried thereby between its lower end and the yoke, said spring being compressed by the yoke in its movement against said abutment so that the rod may close the valve against any resistance to its closing movement, said rod and stem being out of contact at the end of the closing movement for expansion of the spring to



fully close the valve, and means for reciprocating said rod, said contact member at the end of the rod having adjustable connection therewith for regulating the clearance between the rod and the stem in relation to the clearance provided between the abutment and co-operating portion of the yoke.

1,644,060. TELEPHONE SYSTEM. HENRY HOVLAND, Flushing, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a Corporation of New York. Filed Apr. 30, 1926. Serial No. 105,690. 6 Claims. (Cl. 179-18.)

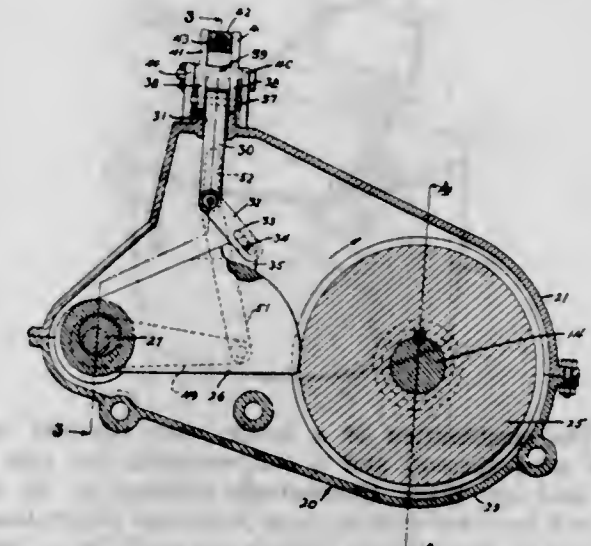


6. In a telephone system, a main office, local offices, a repeater in one of said local offices having trunks to both main and local offices connected thereto, contact wipers for connecting to said trunks, a single operating mechanism for driving all of said wipers, a dialing bridge in said repeater and a relay in said repeater for removing said bridge when dialing over said local trunk.

1,644,061. AUTOMATIC REVERSE-MOTION BRAKE. WILLIAM JONES, Los Angeles, Calif. Filed June 6, 1925. Serial No. 35,416. 7 Claims. (Cl. 188-80.)

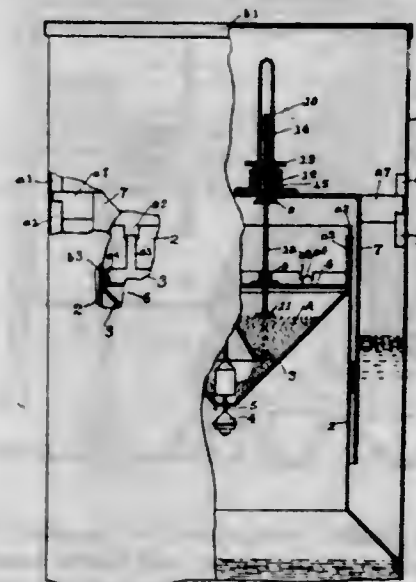
4. The combination with an auto-vehicle rotary driving member and means for rotating the same and a gear shifting mechanism for reversing the direction of rotation of said driving mechanism, of a collar fast to the rotary driving member, a cam member mounted for

rotation, a braking dog mounted on said cam member, the free end of said dog normally engaging the peripheral surface of said collar, whereby to prevent a reverse rotation of the driving member, and means connected to



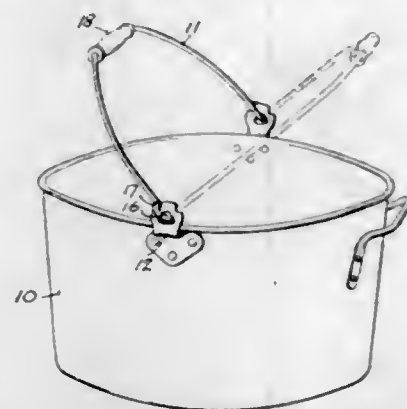
said cam member and the gear shifting mechanism for rotating the cam member to move the dog out of engagement with the collar on a reverse shifting movement of the gear shifting mechanism.

1,644,062. CARBIDE INDICATOR FOR GAS GENERATORS. OLE KAAS, Ferndale, Wash. Filed Feb. 1, 1926. Serial No. 85,203. 1 Claim. (Cl. 48-53.1.)



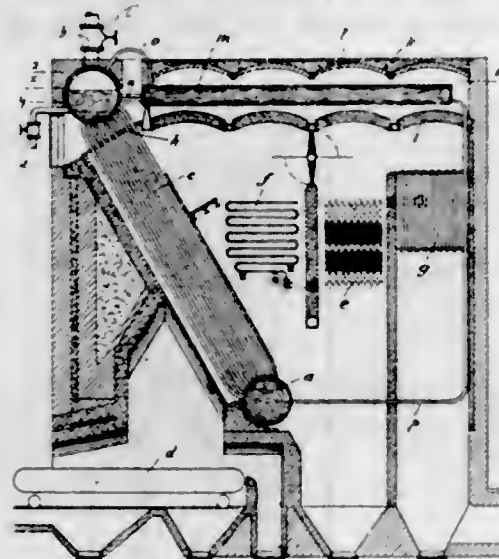
An acetylene gas generator consisting of a tank, an inner carbide magazine fixedly mounted in an elevated position within said tank adapted to retain carbide for gradual discharge therefrom, a cover over said carbide magazine having a hole therethrough, a gas bell floatable in said outer vessel sealable therewith over said carbide magazine having a hole through its top wall aligned with said hole in said carbide magazine cover, a float in the form of a plate adapted to lie on top of carbide in said magazine, an indicating rod fixed to said float extended through said hole in said magazine cover and through said hole in said top wall of said bell protruding above said bell top disposed for free movement through said holes to maintain said float in contact with the top surface of said carbide, and a glass vessel inverted over said protruding rod and sealed to said bell top adapted for the free movement of said rod therein.

1,644,063. MEANS FOR SUPPORTING KETTLE BAILS. RALPH N. KIRCHER, West Bend, Wis., assignor to West Bend Aluminum Company, West Bend, Wis., a Corporation of Wisconsin. Filed Apr. 13, 1927. Serial No. 183,547. 4 Claims. (Cl. 53-8.)



1. The combination of a kettle, ears attached to opposite sides thereof, and a bail engaging the said ears, each said ear being transversely notched at its upper edge and provided with a lower polygonal perforation one side wall of which latter extends angularly from the bottom thereof in alignment with the said notch, to support the bail in inclined position by engagement of portions of the bail with the perforations and the notches.

1,644,064. STEAM BOILER. PETER NICKOLAUS FELIX LANGEN, Valparaiso, Chile. Filed Dec. 17, 1924, Serial No. 756,587, and in Germany Feb. 28, 1924. 11 Claims. (Cl. 122-265.)

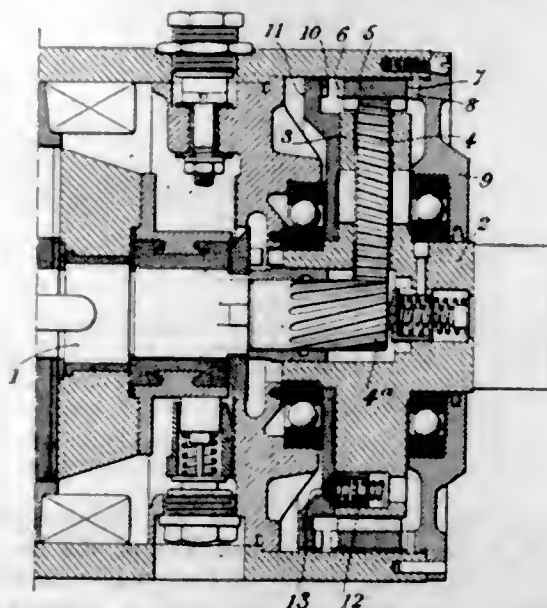


1. A steam boiler, comprising a member having a steam space and a water space, and water storing means having a height substantially equal to the distance between the high and low levels of said member and disposed substantially between the horizontal planes passing through the high and low levels of said member and communicating near its bottom with the water space of said member, said storing means having a capacity sufficient to permit vaporization within the boiler in case of increased consumption of steam without supplying feed water to the boiler for a substantial period of time.

1,644,065. ELECTRIC APPARATUS SERVING AS A DYNAMO OR MOTOR AND AS AN ENGINE STARTER. LEON LANQUETIN, Paris, France, assignor to Societe Etablissements Ducellier, Paris, France. Filed July 16, 1925. Serial No. 44,116, and in France Nov. 5, 1924. 1 Claim. (Cl. 74-59.)

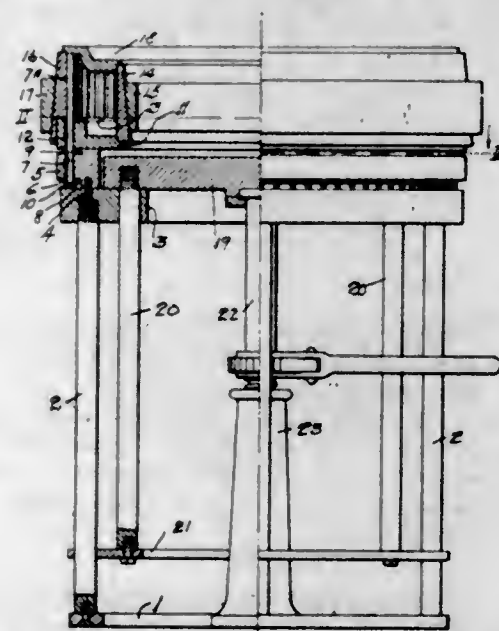
In an electric apparatus serving as a starter for an internal combustion engine as well as a dynamo driven by the said engine during the normal operation of the lat-

ter, the combination of the armature shaft of the electric apparatus with a main shaft adapted to be coupled to the said engine, the said shafts being disposed on a common axis, a spiral gear on the said armature shaft, a planetary pinion carrier on the said main shaft, planetary pinions with helicoidal teeth mounted on the planetary pinion carrier and adapted to engage the said spiral gear, an axially movable ring provided with an internal helicoidal toothing and adapted to continually engage the said planetary pinions, a plate adapted to freely rotate on the said main shaft, stopping means provided for on the said plate and on the said toothing



ring in order to make these two parts integral when the said ring is displaced according to a given direction, stopping means on a stationary part of the said electric apparatus and on the said ring in order to stop the latter when displaced in the contrary direction, and slip coupling means for connecting together the said plate and the said planetary pinion carrier, the said means comprising spring studs upon one of the said plate and planetary pinion carrier, adapted to engage and eventually to slip upon the other of these two parts.

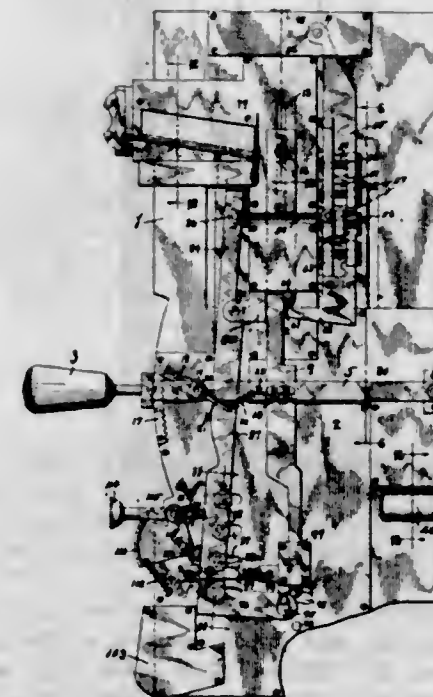
1,644,066. MACHINE FOR MAKING CONCRETE BLOCKS. JOSEPH P. LAWLOR and JAMES I. SEAY, Memphis, Tenn. Filed Sept. 1, 1926. Serial No. 182,940. 4 Claims. (Cl. 25-41.)



1. In a machine for molding concrete blocks, the combination with means for shaping the exterior surfaces of a block, of means for forming channel-ways adjacent a surface of said block, comprising a plurality of pins,

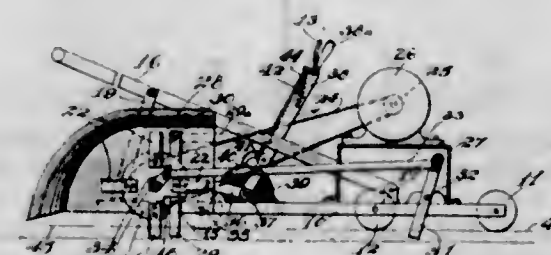
each having one thin side, disposed within said shaping means, with said thin sides lying along and in contact with a shaping surface, and means for withdrawing said pins from said mold.

1,644,067. COIN-CONTROLLED MACHINE. ABRAHAM MALKIN, Detroit, Mich. Filed Apr. 24, 1922. Serial No. 556,259. 11 Claims. (Cl. 194-1.)



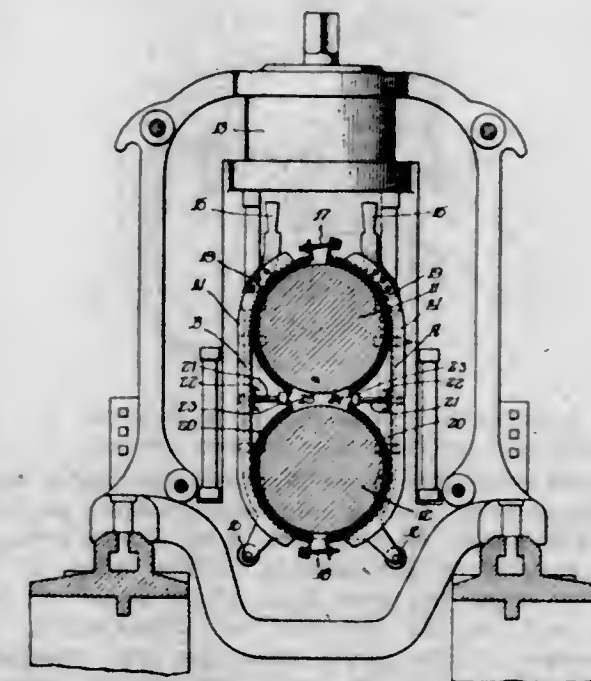
1. In a coin controlled machine, the combination of a chute to receive coins, a movable controller, stops thereon adapted to be positioned to determine the number of coins necessary to cause operation of the machine, and a manually operated device normally prevented from operating by said controller adapted to engage the last inserted coin to move the controller out of engagement with said manually operated device.

1,644,068. LAWN-GROOVING MACHINE. DAVID A. MCBRIDE, Elgin, Ill. Filed Oct. 30, 1924. Serial No. 746,721. 13 Claims. (Cl. 97-40.)



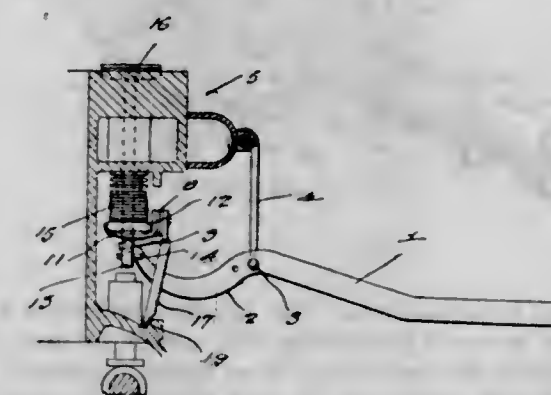
1. In a lawn grooving machine, the combination of a base, wheels carried by said base for supporting it for movement at a desired height above a supporting surface, a rotary grooving cutter carried by said base and adapted to project a desired distance below said supporting surface, a motor carried by said base for driving said cutter, and a guide bar carried by said base for preventing engagement between said cutter and a walk or curb along the edge of which a groove is being made.

1,644,069. HEATER FOR ROLLS. ROBERT L. MCINTOSH, Indiana Harbor, Ind., assignor to Inland Steel Company, Chicago, Ill., a Corporation of Delaware. Filed Dec. 3, 1924. Serial No. 753,660. 1 Claim. (Cl. 219-47.)



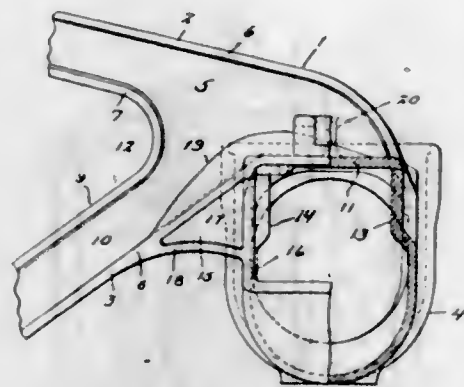
A heater for rolls, comprising a plurality of heating elements, means for holding said elements adjacent to the periphery of the roll to be heated, each of said elements including a resistor wire, said wire being folded upon itself in a non-magnetizing manner, the folds of said wire being relatively close together with respect to the distance to the roll.

1,644,070. VALVE-SPRING LIFTER. HERMAN F. MARTIN, Sulphur, Okla. Filed Aug. 6, 1926. Serial No. 127,558. 2 Claims. (Cl. 29-86.3.)



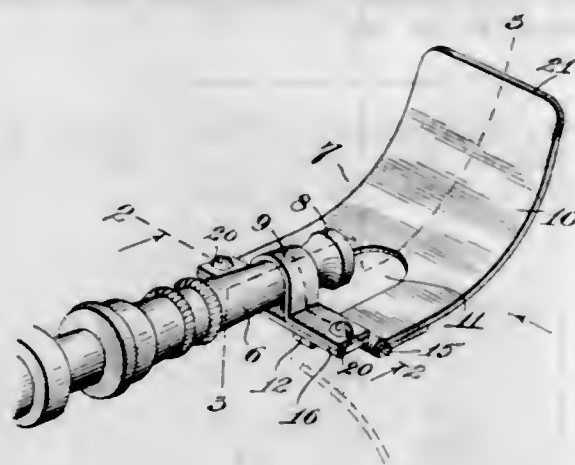
2. In a valve spring lifter of the class described, a mounting bar adapted for horizontal disposition in a manner to permit the opposite ends of the bar to engage a cylinder block, a plurality of longitudinally spaced forks disposed at right angles to the bar and rigidly connected thereto, said forks being adapted to engage valve spring cups, a bracket of right angular form secured to the central portion of the bar and having its horizontal portion disposed in substantially the same plane with said forks, said horizontal portion being provided with an opening, a suspension hook adapted to engage a stationary part of the engine, and an operating lever pivotally connected with the lower end of the shank of the hook, said lever having an inner head and end cooperable with the opening in said bracket for simultaneously lifting said bar and said forks.

1,644,071. SIDE FRAME. MARK H. MARTIN, Baltimore, Md., assignor to The Symington Company, New York, N. Y., a Corporation of Maryland. Filed June 30, 1925. Serial No. 40,529. 14 Claims. (Cl. 105-219.)



1. A car truck side frame comprising a tension member, a compression member, said members being generally T-shaped in section, with the web of the section arranged in substantially upright position, journal boxes at the ends of the frame, the lower flange of the tension member joining each journal box roof at approximately the upper corner of the inner brass lug and reinforced adjacent said junction by longitudinal upright ribs.

1,644,072. SPRAY ATTACHMENT FOR HOSE NOZZLES. RALPH MILLER, Los Angeles, Calif., assignor to Harold H. Gunnell. Filed Aug. 13, 1925. Serial No. 50,014. 1 Claim. (Cl. 299-129.)

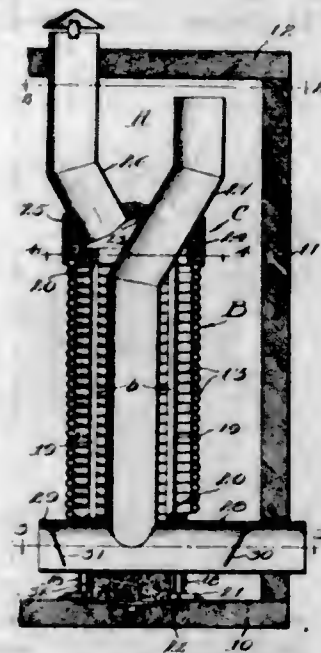


A spray attachment for hose nozzles comprising a pair of plates, means for securing said plates to each other and clamping the same on a hose nozzle, a curved plate hinged to the lower one of said plates and capable of being swung so as to occupy a spraying or non-spraying position, said plate being provided adjacent to its hinged end with an opening for the accommodation of the end of the nozzle to which the device is applied and the jet of water issuing from said nozzle when said plate occupies its nonspraying position and a stop finger projecting from the hinged end of the curved plate and adapted to bear against the side of the lower one of the clamping plates to hold said curved plate in spraying position.

1,644,073. REFRIGERATING APPLIANCE. CHARLES A. MOORE, St. Paul, Minn. Filed Aug. 30, 1924. Serial No. 735,057. 5 Claims. (Cl. 162-134.)

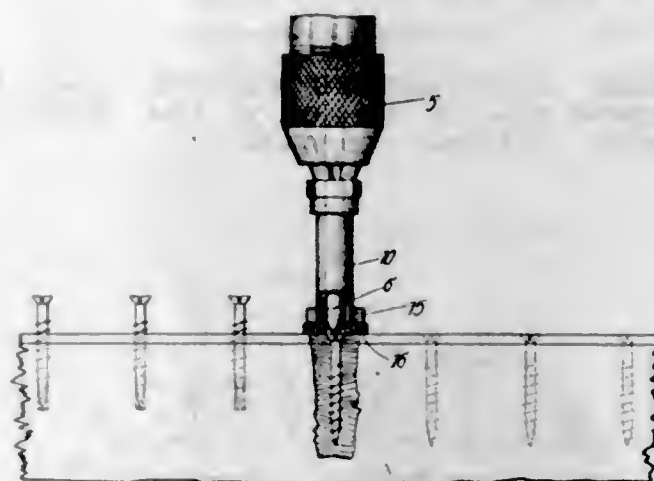
1. In an appliance of the class described, an upright airduct embodying in the wall thereof a container for a refrigerant, a hopper arranged to feed a defrosting

material onto the upper portion of the duct container wall, said hopper including a cone-like member constituting a combined duct cap and hopper bottom and also including a sidewall spaced apart from said member to form a delivery opening for said hopper, said opening



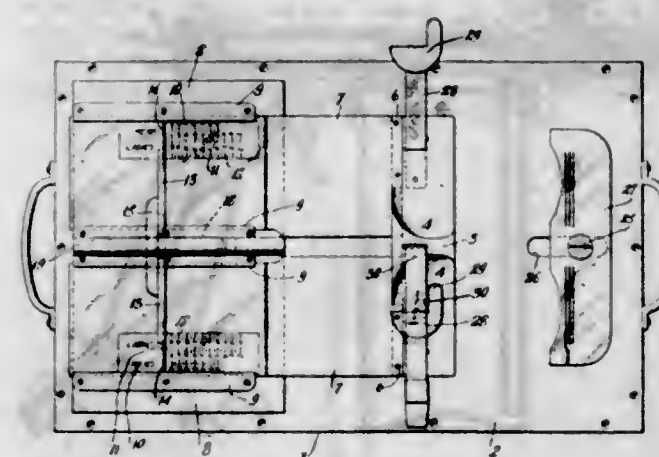
being restricted by said upper portion of the duct container wall, an air ingress pipe connecting with said cone-like hopper member, and a basket for a moisture absorbing material located at the lower end of the duct and in the path of air having egress from said duct.

1,644,074. ELECTRIC SCREW-DRIVING GUIDE. EDWIN G. MORGAN, Flushing, N. Y. Filed Sept. 3, 1924. Serial No. 735,676. 1 Claim. (Cl. 145-51.)



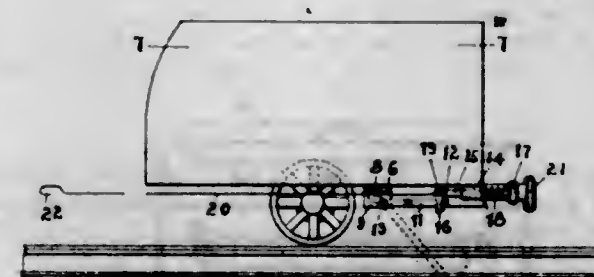
A guide for screw driving tools comprising a cylindrical, hollow sleeve, said sleeve being externally threaded, at its top and bottom, a plurality of adjusting nuts on the upper end of the threaded portion and an adjusting nut on the lower threaded portion of the sleeve, the lower of said adjusting nuts having an annular groove therein, and a rubber ring within the said groove extending slightly below the surface of the said nut to absorb the shock when the top of the sleeve is engaged by the tool.

1,644,075. SHOE-FITTING DEVICE. RAYMOND P. MOSS, Scarsdale, N. Y., assignor, by mesne assignments, to Cantilever Corporation, a Corporation of New York. Filed Jan. 14, 1921. Serial No. 437,185. Renewed Aug. 20, 1927. 10 Claims. (Cl. 33-3.)



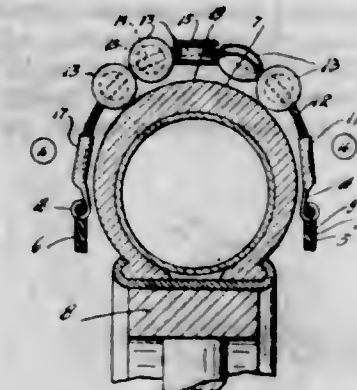
5. In a shoe fitting device the combination with a foot supporting base, of a foot length measuring means on the base including longitudinal slidable gage for co-operation with an end of the foot, a yielding arch conformator on the base, and a foot length size indicator responsive to movements of said arch conformator and said end gage.

1,644,076. SPRAGGING DEVICE FOR COLLIERY TRAMS OR OTHER VEHICLES. ALEXANDER NEIL, SAMUEL JONES, and DAVID NEIL, Barry Dock, Wales. Filed June 22, 1925. Serial No. 38,763, and in Great Britain July 23, 1924. 1 Claim. (Cl. 188-127.)



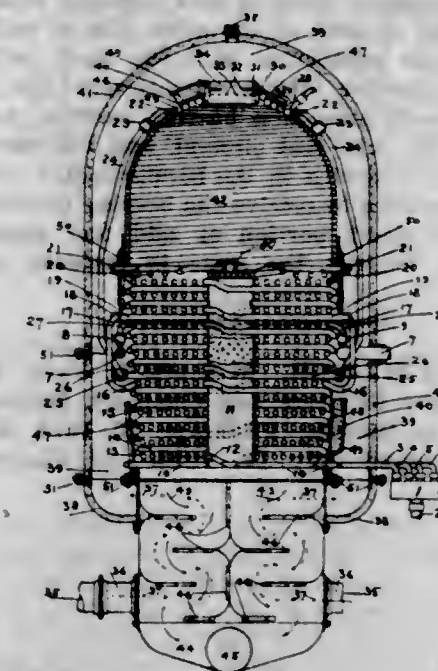
A device for the spragging of colliery trams and other vehicles, comprising in combination, a coupling for connecting the trams together, a bracket secured to the underside of the tram body and disposed towards the rear of same, a spragging member pivotally mounted in said bracket and adapted to engage the ground when in its lowered position and prevent backward travel of the tram, a second bracket, disposed on the underside of the tram body, and a spring controlled catch disposed in said bracket adapted to normally retain the spragging member in its raised position, and a flexible connection one end of which is connected to the beforementioned catch, whilst the other end is adapted to be connected to the catch of the preceding tram, so that upon the breaking of a coupling, the sprags on the trams at the rear of the breakage will be released, owing to tension being automatically applied to the sprag retaining catches causing same to disengage the sprag and release same.

1,644,077. ANTISKID DEVICE FOR MOTOR-VEHICLE WHEELS. ORVILLE W. NESSITT, Chicago, Ill. Filed Aug. 11, 1924. Serial No. 731,255. 2 Claims. (Cl. 152-14.)



2. An anti-skid device for tires comprising a flexible mesh arrangement and means for securing the same about the tread portion of a tire and including transverse axle members extending across the face of the tire; and anti-skid members in the form of discs having transverse diametrical bores fitting over said axle members.

1,644,078. CONTINUOUS-WATER-TUBE FLASH-TYPE STEAM GENERATOR. JOHN HUGH O'NEILL, Springfield, Mo., and WARD LEATHERS, Haworth, N. J. Filed July 24, 1922. Serial No. 576,964. 1 Claim. (Cl. 122-250.)

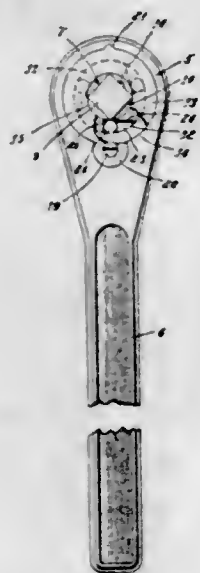


In a flash type steam generator, a plurality of continuous water and steam conduits, said conduits being arranged in parallel relation in alternate layers of spiral coils and radially disposed portions of said conduits, said conduits being adapted to form supports, spacers and tying members in one layer for the other layer, said conduits in one layer crossing said conduits in the next adjoining layer, said conduits being autogenously welded together at said crossings.

1,644,079. RATCHET WRENCH. WILLIAM J. O'NEILL, Chicago, Ill., assignor to Chicago Tool & Kit Mfg. Co., Chicago, Ill., a Corporation of Illinois. Filed June 5, 1926. Serial No. 113,867. 2 Claims. (Cl. 81-60.)

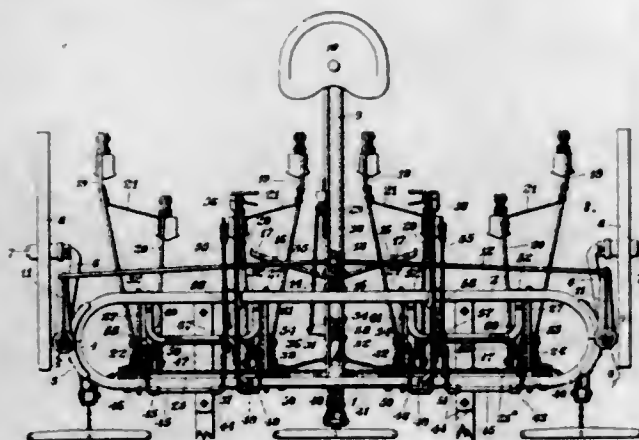
1. In a tool of the character described, a handle having a socket opening from one side of the handle and provided with a concentric opening through the handle at

the base of said socket, said opening being of reduced diameter, a tool element having an enlarged ratchet portion fitting in said socket either to rotate therein or to be turned with said handle, said ratchet portion having cooperating ratchet elements in said socket, said tool element having a reduced shank portion extending through the aforesaid opening to have connection with the work, said shank portion being cylindrical adjacent the enlarged ratchet portion and bearing closely within the aforesaid opening, another reduced shank portion extend-



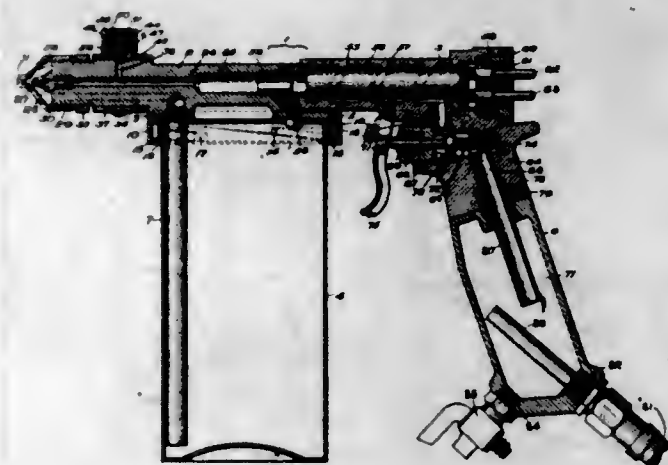
ing from the opposite sides of said enlarged ratchet portion of said tool element on the other side of said handle and arranged for connection with the work, said shank portion being likewise cylindrical adjacent the enlarged ratchet portion to provide a bearing surface, and a retaining plate for said tool element and the ratchet elements disposed therewith in the handle socket, said plate providing an opening to receive the bearing portion on the last mentioned shank portion of said tool element and having means whereby the same is fastened onto the handle.

1,644,080. CULTIVATOR. WILLIAM L. PAUL, Berkeley, Calif., assignor to Deere and Company, Moline, Ill., a Corporation of Illinois. Filed Apr. 25, 1916. Serial No. 93,402. Renewed July 12, 1923. 11 Claims. (Cl. 97-155.)



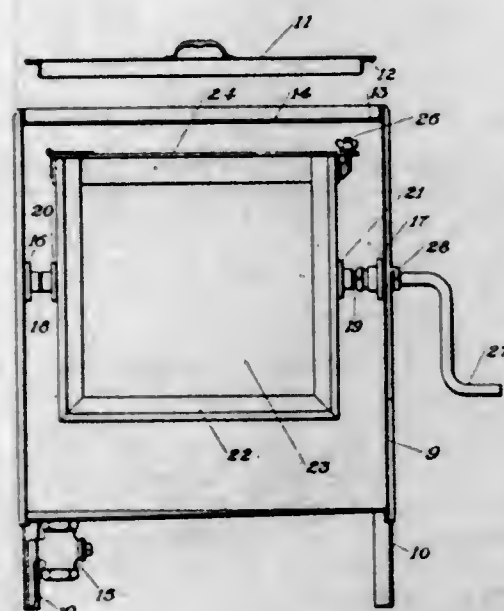
1. A cultivator having a frame, axes having vertical spindles rotatably journaled on the frame, an extension from each spindle, supporting wheels on said extensions, a seat support fixedly mounted on said frame, tool gangs connected with said frame, and means mounted on said frame and operable to move the frame and the tool gangs simultaneously laterally relatively to the wheels.

1,644,081. TOOL OR APPARATUS FOR APPLYING COATING. JAMES JARVIS PREBLE, Newton, Mass. Filed May 8, 1924. Serial No. 711,829. 2 Claims. (Cl. 91-45.)



1. A spray gun having, in combination, a body portion, a cover carried thereby provided with a circumferentially depending flange having a plurality of independent inclined tracks thereon, a plurality of vertical notches in the flange communicating respectively with the tracks, a container provided with a plurality of projecting lateral lugs constructed and arranged to enter the notches between the tracks by a relative vertical movement of the cover and the container and to enter the tracks from said notches by a relative rotative movement of the cover and the container.

1,644,082. FILTER-CELL-WASHING MACHINE. JAMES JARVIS PREBLE, Newton, Mass., assignor to Spray Engineering Company, Boston, Mass., a Corporation of Massachusetts. Filed Nov. 6, 1925. Serial No. 87,263. 2 Claims. (Cl. 141-1.)



1. A filter cell washing machine, having, in combination, a tank for washing fluid, a holder rotatably mounted within the tank and constructed to receive a single filter cell, said holder having solid bottom and end faces and

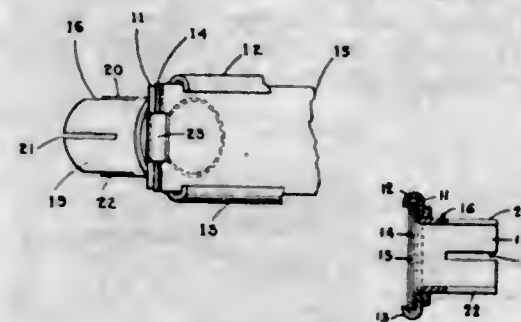
open top and side faces, means for barring the open top of the holder for keeping the filter cell within the holder during the rotation thereof, and a device outside the tank for rotating the holder.

1,644,083. GOLF-CLUB SHAFT. WILLIAM F. REACH, Springfield, Mass., assignor to A. G. Spalding & Bros., New York, N. Y., a Corporation of New Jersey. Filed July 27, 1927. Serial No. 208,822. 7 Claims. (Cl. 273-81.)



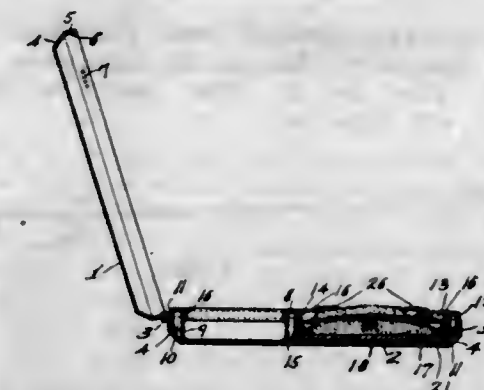
1. A golf club shaft comprising a tubular shaft member, an encircling hand grip sleeve, a plug secured to the end of the sleeve and having a portion within the shaft end spaced from the inner wall thereof, and a member of torsionally distortable material located in the space between the shaft and plug portion therein.

1,644,084. DESIGNATION DEVICE. EUGENE A. REINKE, Rochester, N. Y., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y., a Corporation of New York. Filed June 8, 1926. Serial No. 114,593. 7 Claims. (Cl. 40-10.)



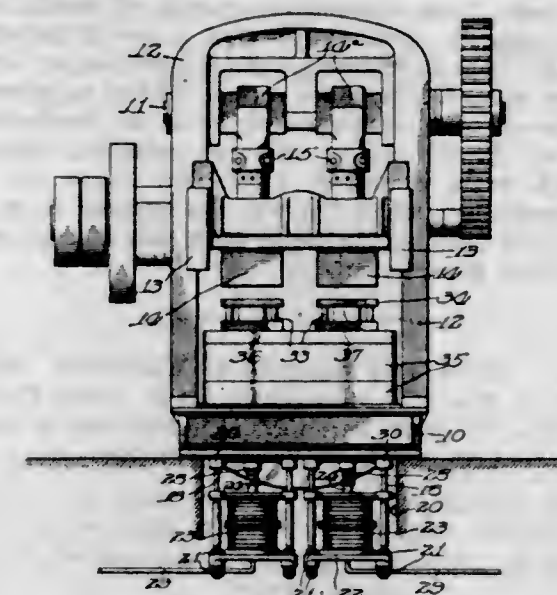
1. In combination, a lamp jack strip provided with openings into which lamps are inserted, a designation strip holder provided with holes in alignment with said openings, and means for attaching said designation strip holder to said lamp jack strip.

1,644,085. COMBINED REFILL AND PUFF HOLDER. PHILIP A. REUTTER, Waterbury, Conn., assignor to Scovill Manufacturing Company, Waterbury, Conn., a Corporation of Connecticut. Filed Feb. 17, 1925. Serial No. 9,765. 3 Claims. (Cl. 132-82.)



1. A combined compact holder and puff holder comprising a base, a pair of spaced projections for holding a compact, and a pair of puff holders integral with the base and arranged between the compact holders.

1,644,086. DIE CUSHION. FREDRICH J. RODE, Chicago, Ill., assignor to Marquette Tool & Manufacturing Co., Chicago, Ill., a Corporation of Illinois. Filed June 10, 1926. Serial No. 114,908. 9 Claims. (Cl. 113-46.)



1. In combination, a draw press embodying a plunger, a work holding element cooperating therewith, a cushion for the work holding element, means for supporting the cushion from the press, and a pressure pad interposed between the cushion and the work holding element, there being extended guiding portions carried by the said pad for maintaining the pad against tilting movement.

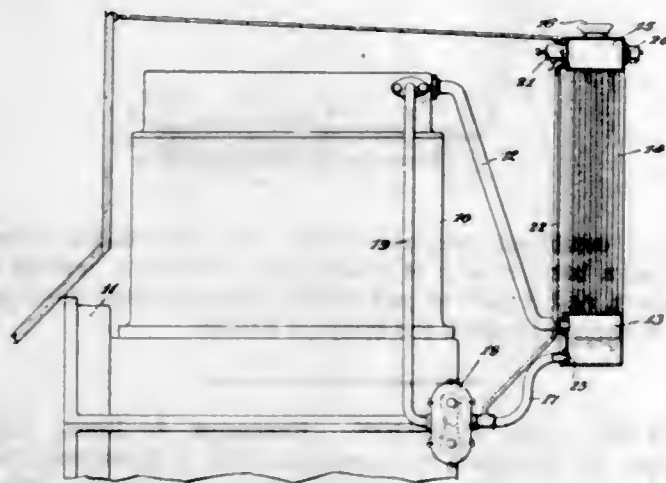
1,644,087. LOOSE-LEAF BINDER. FRANK E. RUPP, Kansas City, Mo., assignor to Irving-Pitt Manufacturing Company, Kansas City, Mo., a Corporation of Missouri. Filed Oct. 11, 1926. Serial No. 140,807. 6 Claims. (Cl. 129-24.)



2. In a loose leaf binder having rockingly mounted nook-carrying toggle plates and a supporting back plate, an auxiliary back plate extending longitudinally of said

supporting plate and toggle-plate-engaging members carried by said auxiliary plate movable to the toggle-actuating position as the auxiliary plate is pressed against said supporting back plate.

1,644,088. COOLING SYSTEM FOR INTERNAL-COMBUSTION ENGINES. SAMUEL W. RUSHMORE, Plainfield, N. J. Filed Oct. 27, 1924. Serial No. 746,023. 21 Claims. (Cl. 123-174.)



1. In a cooling system for internal combustion engines, a force feed water circulating system of small heat radiating capacity serially including a water jacket, a water outlet from said jacket, a water container to which said outlet is connected and a return conduit including a pump between said container and jacket in combination with an air cooled element of large radiating capacity above said water container, a chamber above the air cooled element into which hot water is adapted to escape and means for draining the water from said chamber back to the cooling water circuit.

1,644,089. TREATING GASEOUS MEDIUMS WITH LIQUIDS. EDOARDO MICHELE SALERNI, Paris, France. Filed Nov. 22, 1926. Serial No. 150,103, and in Great Britain Sept. 21, 1926. 5 Claims. (Cl. 261-92.)

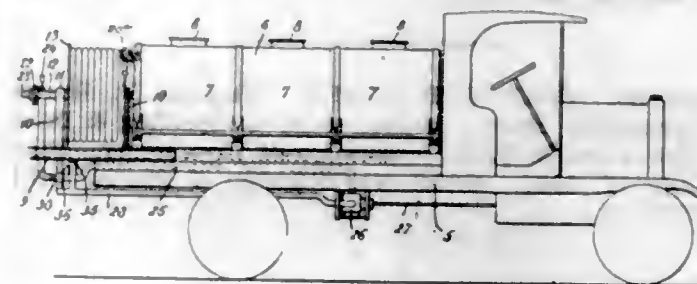


1. A method of treating a gaseous medium with a liquid which consists in causing the gaseous medium to move outwardly in an advancing spiral path and the liquid medium to move inwardly in a contracting spiral path in contact with and in contraflow to the gaseous medium.

1,644,090. TANK WAGON. GEORGE W. SAWYER, Germantown, Philadelphia, Pa., assignor to Sinclair Refining Company, Chicago, Ill., a Corporation of Maine. Filed July 18, 1925. Serial No. 44,635. 3 Claims. (Cl. 221-67.)

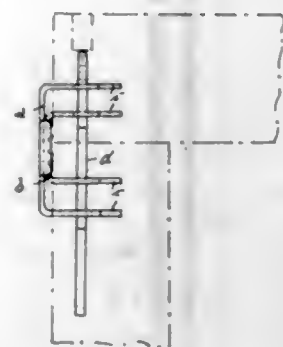
1. A tank wagon comprising in combination a plurality of tanks mounted on the frame thereof, a manifold connected to said tanks and adapted to receive fluid therefrom, a pump having the inlet thereof connected to said manifold, a delivery conduit connected to the discharge side of the pump, a single by-pass leading from said de-

livery conduit to a point in advance of the inlet of the pump and including a relief valve, and a valve in said delivery conduit located beyond said by-pass, said by-pass



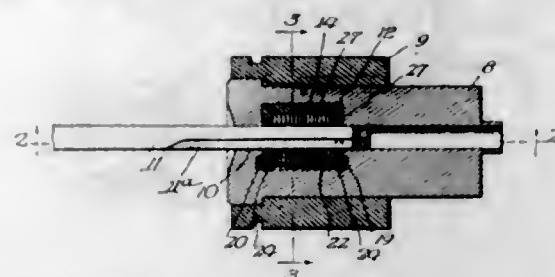
forming with the pumping system a circuit through which fluid from the pump may pass in a circulatory manner when the valve in the delivery conduit is closed.

1,644,091. CLOSURE FOR BOXES, TRUNKS, AND THE LIKE. MAX AUGUST EDUARD SCHULZE, Hamburg, Germany. Filed Jan. 23, 1926. Serial No. 83,341, and in Germany Feb. 12, 1925. 1 Claim. (Cl. 292-316.)



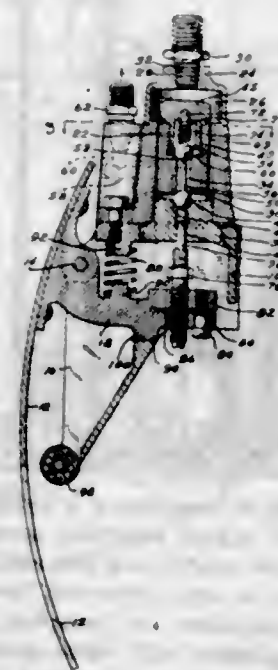
A closure for boxes and the like, including a pair of U-shaped cramps having their bight portions secured together and their limbs disposed in alignment with each other and each limb of one cramp being in close proximity to a limb of the other cramp to compress between each pair of adjacent limbs a narrow strip of the material of the box when the cramps are driven into the latter, said limbs all having aligned openings therein adjacent said bight portions, and a fastener operable when driven through all of said openings to weaken the material of said strips between said fastener and the outer surface of the material next to said bight portions whereby the withdrawal of said cramps will cause the material of said strips between said adjacent limbs and the opening formed by said fastener to be at least partially torn from the remainder of the material of the box.

1,644,092. LOCK. LYLE B. SHINN, Chicago, Ill., assignor to Chicago Lock Company, Chicago, Ill., a Corporation of Illinois. Filed Sept. 25, 1925. Serial No. 58,505. 9 Claims. (Cl. 70-47.)



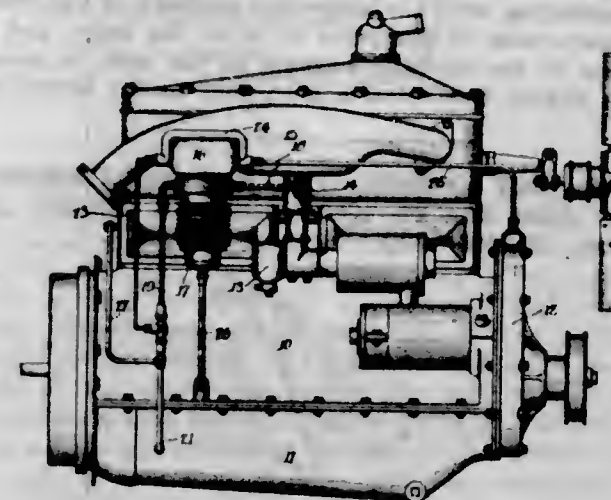
1. The combination with a lock comprising a casing, a cylinder rotatable in the casing and provided with a key-slot, a removable frame in and rotatable with the cylinder, and a set of tumblers mounted in the frame, said tumblers having key-slots and being removable as a unit with said frame.

1,644,093. CONTROL VALVE. HAROLD W. SHONNARD, Montclair, N. J., assignor to Elevator Supplies Company, Inc., a Corporation of New Jersey. Filed June 25, 1925. Serial No. 39,580. 6 Claims. (Cl. 277.)



1. In a control valve, a casing, a chamber in said casing, means for connecting said chamber to a source of pressure fluid supply, a second chamber in said casing, a passageway between said chambers, means for connecting said passageway with a pressure fluid operated mechanism, a valve in the first named chamber for opening and closing communication with said passageway, a valve in said second chamber for opening and closing communication with said passageway, an exhaust chamber, means for exhausting pressure fluid from said second chamber to said exhaust chamber, means for operating the valve in the second chamber externally to said casing, and means in said passageway for operating the valve in the first named chamber during a portion only of the movement of the valve in the second chamber.

1,644,094. LUBRICATION SYSTEM FOR INTERNAL-COMBUSTION ENGINES. RALPH L. SKINNER, Detroit, Mich., assignor to Skinner Automotive Device Co., Inc., Detroit, Mich., a Corporation of California. Filed May 28, 1926. Serial No. 112,290. 7 Claims. (Cl. 123-196.)



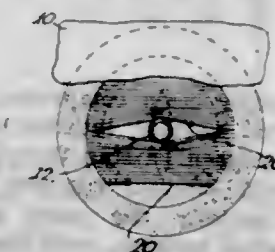
1. In an internal-combustion engine lubrication system, the combination of means to withdraw liquid lubricant from the crank-case of the engine, means to aerate such lubricant after its withdrawal by air taken from the crank-case, means to rectify such aerated lubricant, and means to return the purified lubricant to the lubrication system of the engine.

1,644,095. PAPER BAG OR ENVELOPE. WILLIAM GIBSON THOMLINSON, Glasgow, Scotland. Filed Feb. 5, 1926. Serial No. 86,337, and in Great Britain July 18, 1925. 1 Claim. (Cl. 229-76.)



That improvement in the manufacture and sealing of paper envelope which consists in providing an envelope having a tubular insert in the form of a collar having its inner terminal secured to inner surfaces of the envelope body inwardly of the mouth of the envelope and its outer terminal projecting beyond said mouth, there being a pocket reserved between an intermediate portion of the collar and the opposing portion of the envelope and a flap extended from one side of the mouth of the envelope and projecting beyond the outer terminal of the collar, said flap being foldable upon itself to close the outer terminal of the collar and to confine the projecting portion of the collar between the folded portions of the flap, said folded portions of the flap together with the intervening portion of the collar being further foldable for insertion in said pocket whereby the mouth portion of the envelope is sealed by the folding portion and by the incidental pressing together of opposite wall portions of the collar.

1,644,096. VALVE CONSTRUCTION FOR INFLATABLE ARTICLES. WILLIAM J. VOIT, Los Angeles, Calif. Filed Apr. 23, 1927. Serial No. 186,023. 4 Claims. (Cl. 152-12.)



1. An inflatable article having a slit therein, a member secured to an inner wall of the article beneath said slit, and a tube secured in said member and adapted to be folded in the space between said inner wall and member.

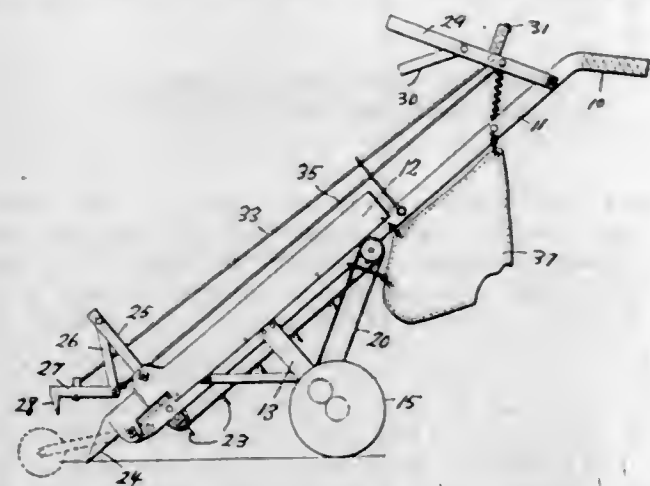
1,644,097. MANUFACTURING EDGE TOOLS AND SPECIAL COMPOSITION OF STEEL FOR SAME. ARVED EDUARD GASTON THEOPHIL VON VEGESACK, Munkfors Bruk, Sweden. Filed Aug. 2, 1926. Serial No. 126,739, and in Sweden Sept. 26, 1925. 2 Claims. (Cl. 75-1.)

1. Special composition of steel, intended for the manufacture of edge tools, and characterized by the presence of the following elements: Carbon 0.7-1.1%, chromium 10-16%, manganese 0.75-2.0%, the remainder Fe, with the secondary elements average in technical iron.

1,644,098. WEEDER. CLARENCE A. WARREN, Independence, Mo. Filed Apr. 28, 1926. Serial No. 105,235. 2 Claims. (Cl. 55-65.)

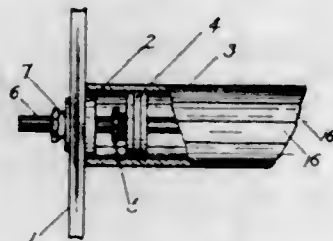
1. A weeder comprising a housing having a handle member connected therewith and ground wheels suspended from the underside thereof, an endless conveyor mounted within the housing and operable upon the rotation of the ground wheels, a penetrating element mounted upon the forward end of the housing for undermining a weed and the seed adhering and clinging thereto, a cutter suspended above the penetrating element, operating levers mounted upon the upper side of the handle member for imparting a downward thrust and rearward sliding movement to

the cutter upon the penetrating element in order that the weed may be entirely removed and placed upon the endless conveyor, and a bag suspended from the under-



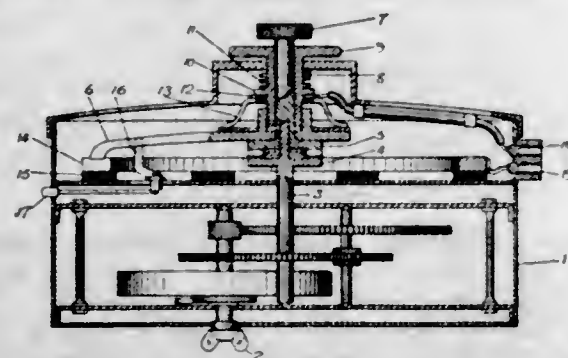
sides of the handle member and adjacent the discharge end of the endless conveyor for the reception of the weeds therein.

1,644,099. WARPER OR SECTION BEAM HEAD. JABEZ WILKINSON, Fall River, Mass. Filed Jan. 24, 1927. Serial No. 163,122. 1 Claim. (Cl. 242-124.)



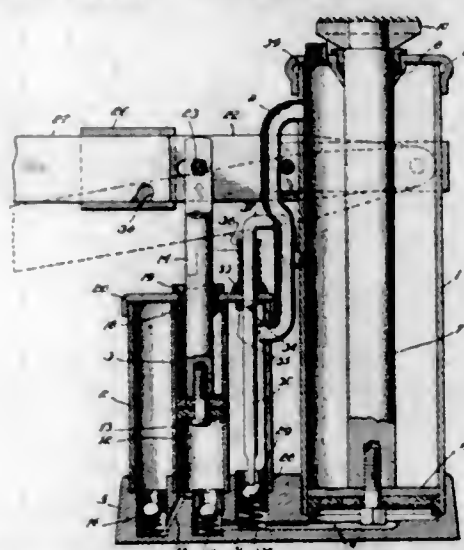
An improved warper beam comprising in combination head members, barrel member, internal supports for said barrel member, a gudgeon passing through said head and barrel members, said internal supports comprising disc members of substantially the same diameter as the interior of said barrel member, said disc members being mounted on said gudgeon and disposed within said barrel member, said head members having means thereon for projecting into and supporting the ends of said barrel member, and a longitudinally slit tapered cylindrical screw having a bore therein to slide on said gudgeon and threads thereon for securement to each of said internal disc members.

1,644,100. ELECTRIC TIMING SWITCH. CYRIL FREDRICK AMOS, Rochester, England. Filed July 17, 1926. Serial No. 123,241, and in Great Britain May 25, 1926. 4 Claims. (Cl. 200-36.)



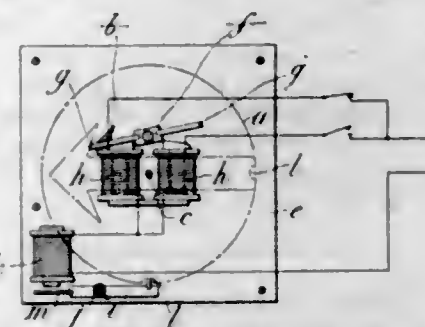
1. An electric timing switch comprising a pivotal contact arm, an arcuate contact plate for co-operation with said arm, clockwork means for driving said arm over said plate, means for setting said arm, releasable stop means for holding said arm in set position until released, and adjustable means for automatically stopping said arm out of contact with the contact plate at selected points.

1,644,101. HYDRAULIC JACK. ERIC WILLIAM ANDERSON, Chicago, Ill. Filed Mar. 8, 1926. Serial No. 93,247. 5 Claims. (Cl. 138-9.)



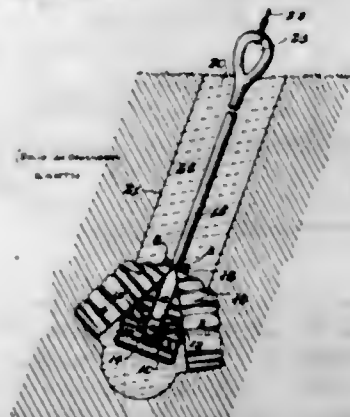
1. A hydraulic jack comprising a cylinder for the lifting piston, a liquid supply reservoir communicating with said cylinder, a valve controlling the return flow of liquid from said cylinder to said reservoir, means for opening said valve, and mechanism for pumping liquid from said reservoir to said cylinder, said valve opening means being shiftable into position to be actuated by said pumping mechanism.

1,644,102. ELECTRICALLY-OPERATED INDICATING DEVICE. EDWARD SAMUEL CHARLES BETTELEY, Surbiton, England. Filed Jan. 21, 1927. Serial No. 162,643, and in Great Britain Jan. 25, 1926. 7 Claims. (Cl. 177-327.)



5. An electrically operated indicating device comprising an indicator mounted for free pivotal movement, an operating lever mounted adjacent the indicator, independent electromagnets capable of selective energization and cooperating with the respective portions of the lever on opposite sides of the pivot to move the lever, and a projection on the indicator engaged by the lever in movement to impart free rotative movement to the indicator.

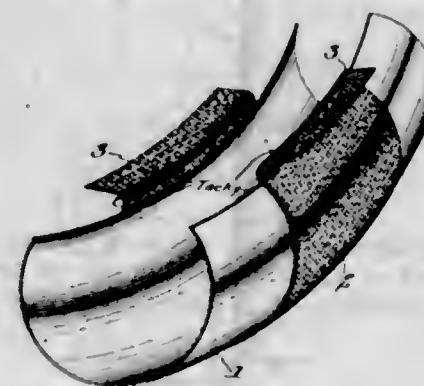
1,644,103. GUY ANCHOR. FRED N. BIERCE, Cincinnati, Ohio. Filed Mar. 22, 1923. Serial No. 626,754. 12 Claims. (Cl. 189-92.)



1. An anchor comprising a plurality of sections forming a shell, a ring adapted to hold said sections in pivotal

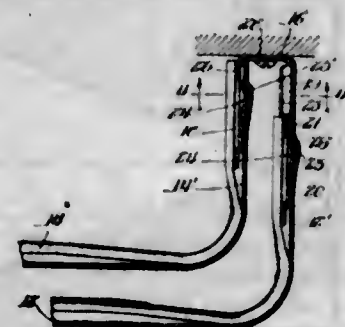
relation to each other at the top, a link pivoted to each section, a hollow coupling pivoted to each link, a spacing sleeve, an anchor rod extending through said sections, spacing sleeve and coupling and a nut on said anchor rod.

1,644,104. BLOW-OUT PATCH. GIFFORD E. BLAYLOCK, Baltimore, Md. Filed June 20, 1927. Serial No. 200,149. 2 Claims. (Cl. 152-24.)



1. A patch piece for tires, having an application strip provided with an adhesive substance on both of its sides, the ends of the strip forming wings which when in position of use are closely united by pressing their adjacent tacky surfaces together and then folding over the thus adhered wings and causing them to adhere to the body of the strip.

1,644,105. BRACKET AND ROD COUPLING FOR CURTAIN FIXTURES. JAMES H. BOYE, Chicago, Ill., assignor to James H. Boye Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed Apr. 18, 1926. Serial No. 102,415. 3 Claims. (Cl. 156-19.)

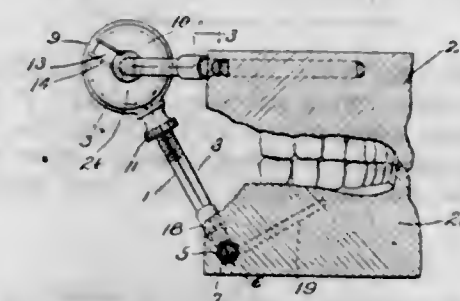


1. In a bracket and rod coupling for curtain fixtures, the combination with hollow front and rear elbow rod sections, of a supporting bracket therefor having an attaching base and inner and outer arms integral with said base adapted to enter said end sections, said outer arm being formed forwardly of said base with an outwardly offset portion forming in appearance and effect an extension of the elbow end section on said outer arm and providing a stop shoulder for the inner end of said elbow end rod section, said offset portion corresponding in length to and determining the front and rear spacing of said rod sections.

1,644,106. ARTICULATOR. WALTER G. BRIDGE, Newton, Mass., assignor to Charles E. Parkhurst, Somerville, Mass. Filed Jan. 25, 1926. Serial No. 83,468. 10 Claims. (Cl. 32-1.)

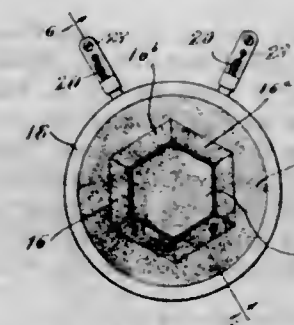
2. A dental articulator consisting of pivoted denture supports, one of said supports being formed of wire of

semi-circular cross section, portions of which are bent back upon themselves and have their flat surfaces secured in abutting relation by clips, the ends of these portions



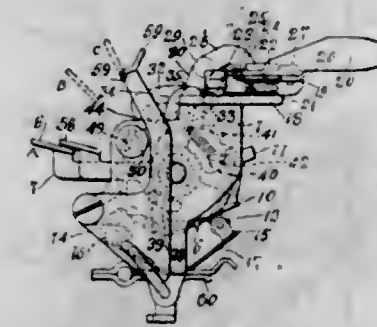
being fused into cylindrical pintles of reduced cross section provided with shoulders at their juncture with the abutting wire portions engaged by the clips.

1,644,107. MUFFLE FURNACE. WALTER G. BRIDGE, Newton, and WILLIAM A. PERVIER, Watertown, Mass., assignors to Dr. Charles E. Parkhurst, Somerville, Mass. Filed Apr. 17, 1926. Serial No. 102,659. 8 Claims. (Cl. 219-35.)



1. A muffle furnace comprising an outer layer of heat insulating material and a removable lining comprising a series of separate plates of refractory material provided with heating means adapted to be energized by an electric current, each plate being readily separable from the series and the series being removable from the muffle.

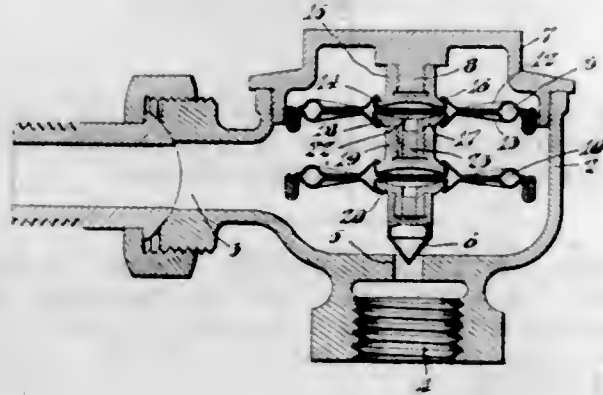
1,644,108. TYPEWRITER. CHARLES U. CARPENTER, Dayton, Ohio, assignor, by mesne assignments, to James R. Sterrett, H. F. Devens, and J. Ramsey Speer. Filed Oct. 27, 1923. Serial No. 671,262. 7 Claims. (Cl. 197-114.)



1. In a spacing mechanism for a typewriter, a frame mounted on a carriage, a platen journaled in said frame, a pair of ratchets mounted on said platen at one end thereof, having an unequal number of teeth, given teeth on each of said ratchets being opposite each other at certain spaced intervals, a platform on said frame, a horizontally moving lever thereon, limiting means to keep said lever in its initial position, an actuating lever connected therewith for reciprocatory movement, a pair of pawls adapted to be actuated thereby and adapted to engage said ratchets, a platen spacing pawl arm support

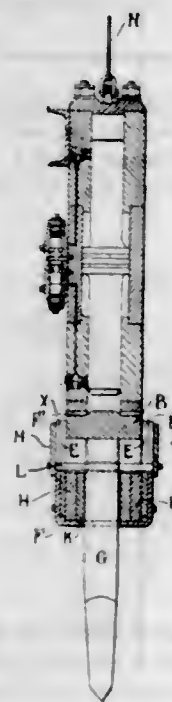
ing said pawls pivotally, said arm being journaled on the shaft of said platen, and cam means adapted to engage said arm to limit the movement thereof, to determine the extent of throw by said pawls of said ratchets and platen.

1,644,109. WATER AND AIR RELIEF VALVE. WILLIAM D. CASHIN, West Roxbury, and MAX P. MILLER, Waban, Mass., assignors to W. D. Cashin Co., Boston, Mass., a Corporation of Massachusetts. Filed Aug. 21, 1924. Serial No. 733,272. 1 Claim. (Cl. 236—58.)



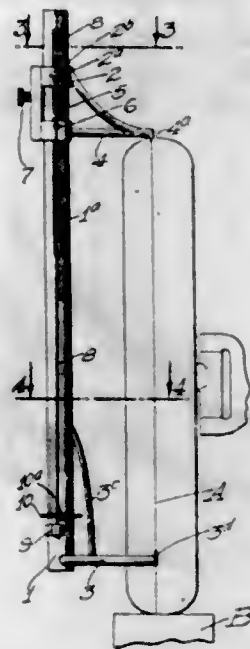
In a thermostatic valve, the combination of an expansible metal container for volatile fluids comprising a flexible metal disk, a stud having a head of approximately conical form bearing against the central portion of said disk, said disk having an annular flange folded over and pressed against the tapered surface of said head and being radially ribbed between said flange and its margin, and a second metal disk cooperating with the first disk, the outer margins of both disks being folded together.

1,644,110. APPARATUS FOR BREAKING UP CONCRETE-ROAD FOUNDATIONS AND LIKE STRUCTURES. HENRY TRIBE COVER and EDWARD BOND, London, England. Filed Aug. 18, 1925. Serial No. 51,052, and in Great Britain Oct. 10, 1924. 3 Claims. (Cl. 262—13.)



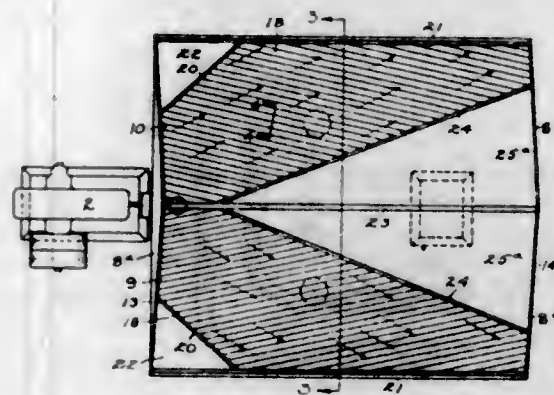
1. In an automatic double acting hammer having a reciprocating ram, an anvil having limited movement and means for supporting the anvil so that it may be moved into contact with the ram, plates secured exteriorly of the hammer, a tool, and means for slidably connecting the tool to the said plates.

1,644,111. CAMBER-MEASURING MEANS FOR VEHICLE WHEELS. MORRIS L. DEARBORN, San Diego, Calif. Filed July 6, 1926. Serial No. 120,757. 10 Claims. (Cl. 33—203.)



1. In a measuring means, a pair of supporting members movable relative to each other, each being provided with arms extending therefrom for gripping the periphery of a round member to be measured at more than two portions, and a plumb bob means suspended from one of said supporting members.

1,644,112. APPARATUS FOR CONCENTRATING MATERIALS, SUCH AS COAL. EMIL DEISTER, Fort Wayne, Ind. Filed Nov. 28, 1924. Serial No. 752,600. 6 Claims. (Cl. 209—487.)

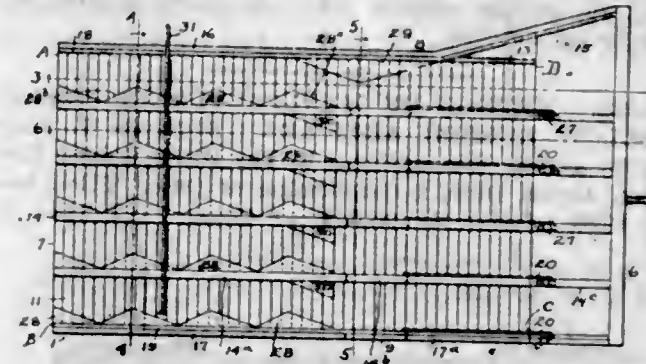


1. A dry concentrating table comprising a differentially reciprocated, transversely inclined deck, means to feed material to be concentrated to the deck, an air box within the deck for air under pressure, a series of channels in the transversely inclined surface of the deck extending longitudinally thereof and corrugated strips in one wall of each channel which form ducts communicating with the air box and leading laterally therefrom to the exterior, said wall also forming the abrupt wall of a precipice contiguous to the channel next above.

1,644,113. CONCENTRATING TABLE. EMIL DEISTER, Fort Wayne, Ind. Filed Feb. 15, 1926. Serial No. 88,240. 10 Claims. (Cl. 209—441.)

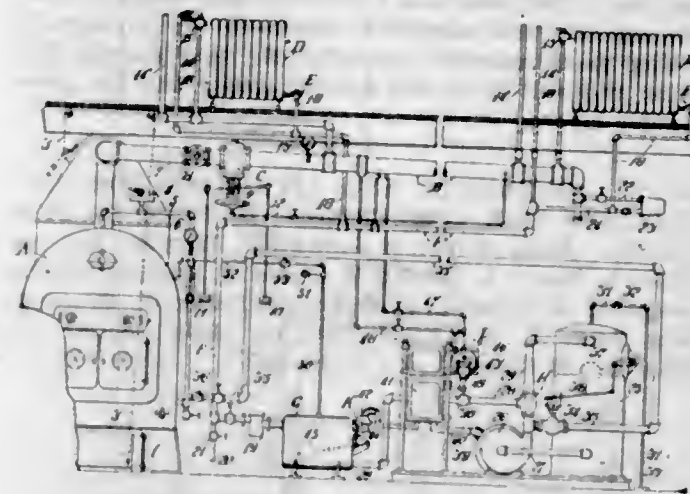
1. In a reciprocating concentrating table a transversely inclined deck, a series of upwardly inclined launders on the deck substantially parallel to each other and substantially in the same plane and having relatively high sides with their lower ends reduced in height across

which reduced portions the lighter particles of the feed under the influence of gravity are caused to travel and discharge at the discharge side of the deck, means to



reciprocate the deck to cause the heavier particles of the feed to travel up the inclined launders to the discharge end of the deck, and means to feed dressing water to each launder.

1,644,114. METHOD OF HEATING BY STEAM. CLAYTON A. DUNHAM, Glencoe, Ill., assignor to C. A. Dunham Company, Marshalltown, Iowa, a Corporation of Iowa. Filed Feb. 28, 1927. Serial No. 171,616, and in Canada Jan. 6, 1927. 15 Claims. (Cl. 237—12.)



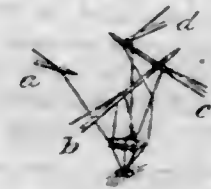
1. Method of heating by steam which consists in introducing steam into an evacuated condensing space in amounts limited to give pressures therein below atmospheric pressure, withdrawing non-condensable gases and condensate, as formed, from said space without permitting escape of steam therefrom, and controllably varying the sub-atmospheric pressure in said space by increase or decrease of the amount of steam introduced to vary the temperature of the steam in accordance with the amount of heat required.

1,644,115. METHOD OF MANUFACTURING TRANSLUCENT ARTICLE. ALFRED EGGIMANN and ALBINO PEREA, Paris, France. Filed May 17, 1924. Serial No. 714,127, and in France June 12, 1923. 5 Claims. (Cl. 18—58.)

1. A process for manufacturing an article of translucent material consisting in preparing a solution containing approximately 2,500 grammes of water, 500 grammes of gelatine and 250 grammes of zinc white, raising the solution to about 45° centigrade whilst continually stirring, providing a mould of suitable metal formed on the outside to the shape of the article to be manufactured, dipping the same into the solution, and then drying the article and removing it from the mould, substantially as described.

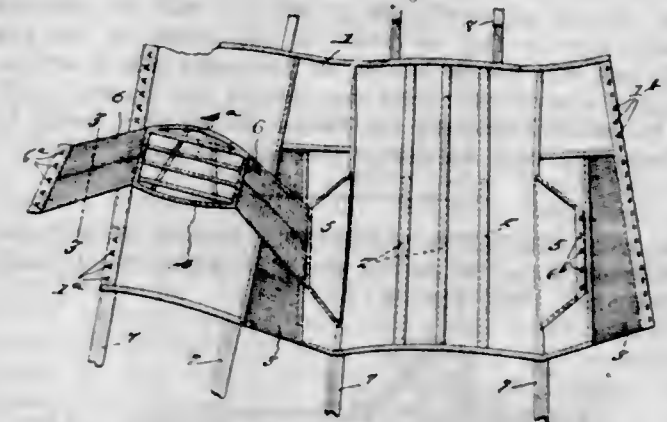
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1,644,116. TUBULAR FABRIC FORMING MACHINE. JOHN E. FEFEL, Bridgeport, Conn., assignor of one-half to Frank J. Hoey, New York, N. Y. Filed Mar. 20, 1925. Serial No. 17,025. 16 Claims. (Cl. 66—1.)



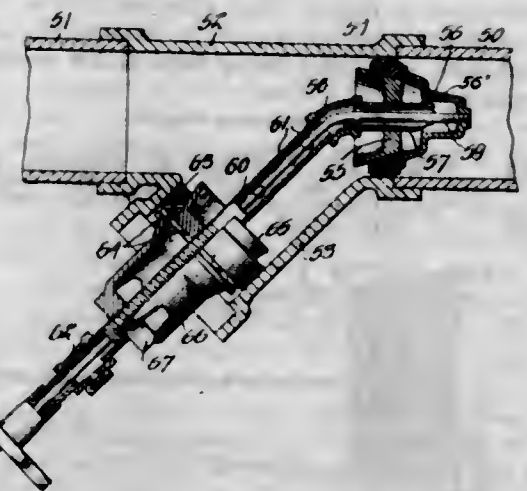
1. In a tubular fabric forming machine, a plurality of reciprocating needles arranged about a common axis, each of said needles having an eye through which a thread is adapted to pass, and means for reciprocating said needles, whereby each succeeding needle passes through the thread loop of a preceding needle.

1,644,117. CORSET BRASSIÈRE. CHRISTIAN H. FLECK, Jackson, Mich., assignor to Jackson Corset Company, Jackson, Mich., a Corporation of Michigan. Filed Jan. 28, 1926. Serial No. 84,363. 2 Claims. (Cl. 2—27.)



2. In a garment of the type described, a body portion, flaps connected to the body portion at the buttock portions thereof, a diaphragm supporting member of sufficient area to cover the diaphragm and provided with spaced horizontally disposed flexible stays positioned to engage the diaphragm and downwardly inclined elastic webbing connecting the edges of the diaphragm member with said flaps.

1,644,118. PIPE-TESTING PLUG. JOHN FLORENCE, Indianapolis, Ind. Filed Nov. 6, 1925. Serial No. 67,447. 4 Claims. (Cl. 137—76.)



4. A testing device for a pipe having an opening, comprising a plug near to said opening and a plug relatively remote from said opening, each plug comprising a pack.

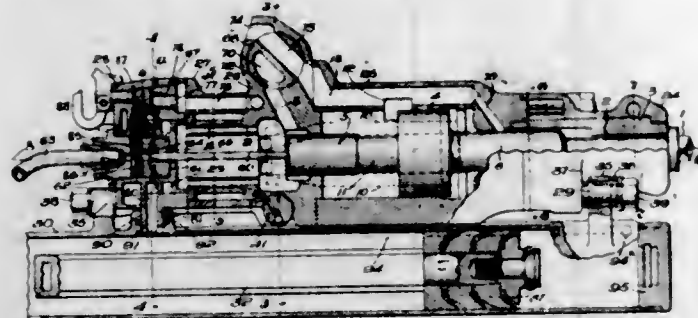
ing ring and a compression member for expanding the ring, a long hollow stem, part of which is located interiorly of said pipe and serves as a push element for the far plug and part of which is located exteriorly of the pipe and serves as a pull element for the near plug, a pull element for the far plug and an actuator for the last-named pull element mounted on the exterior part of the stem, an independent push element for the near plug mounted on the exterior of the stem, the stem also serving as a fluid conductor from the exterior of said pipe to the interior of said pipe, substantially as set forth.

1,644,119. EGG-PEELING DEVICE. DAVID C. FOWLER, Mount Comfort, Ind. Filed Feb. 5, 1927. Serial No. 186,039. 2 Claims. (Cl. 146-2.)



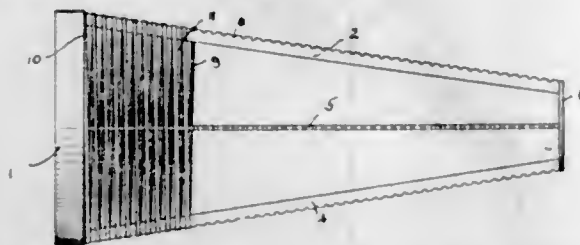
1. In a device for removing the shell from an egg, a band to contact the shell from the outside, a relatively narrow tongue extending forwardly from one side of the band downwardly away from the band thence curving around and upwardly back toward and terminating within and just behind the forward side of the band to have the tip of the tongue directed just over but behind the edge of the band to enter under the shell, said tongue being curved longitudinally on its top side to conform substantially to the curvature of the inside of the egg shell, and said tongue having on its under side a section dropping downwardly from just behind the tip and curving backwardly whereby the tongue serves as a wedge in breaking the shell outwardly through the bowl.

1,644,120. DRILLING MACHINE. GEORGE H. GILMAN, Belmont, Mass. Filed Jan. 6, 1921. Serial No. 435,474. 25 Claims. (Cl. 121-4.)



2. A drilling machine having, in combination, a drilling tool and its operating mechanism, feeding means for said tool comprising extensible, telescopically arranged relatively non-rotatable fluid actuated members, the outer of said telescopically arranged members being secured to said mechanism in lateral offset relation thereto, the other of said members carrying a part in substantial alignment with said tool, said part being formed for rotatably engaging a support.

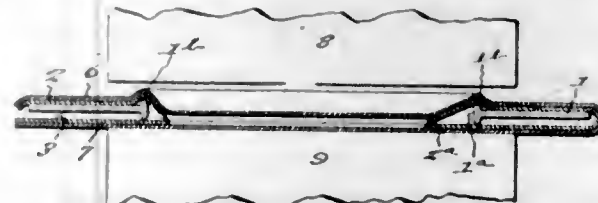
1,644,121. SCREEN. AMBROSE E. GREENE, Berkeley, Calif. Filed Sept. 22, 1926. Serial No. 136,907. 7 Claims. (Cl. 210-170.)



1. A strainer skeleton comprising an end member having means on one side to engage a pump suction or the like and ribs extending from the other side of said mem-

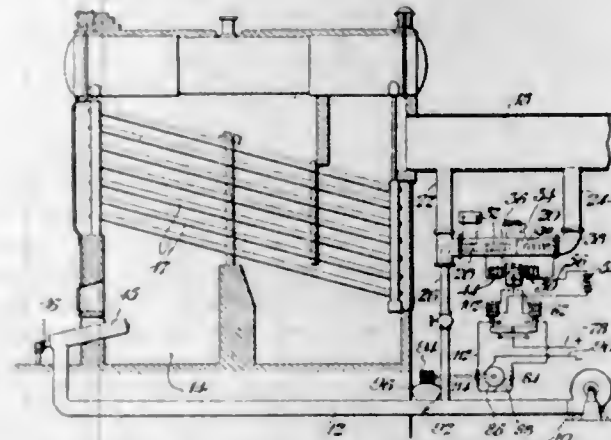
ber and converging, a spacing and connecting element at the other end of said ribs, said ribs having their outer edges notched helically to receive a screen wire, a screen wire helically wound in said notches and said element having an opening greater than the space between any two adjacent notches.

1,644,122. METHOD OF MANUFACTURING SEAMED HOLLOW RUBBER ARTICLES. RICHARD T. GRIF-FITHS, Akron, Ohio, assignor to The Miller Rubber Company, Akron, Ohio, a Corporation of Ohio. Filed Mar. 22, 1926. Serial No. 96,604. 1 Claim. (Cl. 154-2.)



The herelndescribed method of forming hollow rubber articles which consists in folding a sheet of uncured rubber to embrace a relatively thin ring and to provide a layer overlying each opposite face of the ring, the ring having oppositely facing endless cutting and seaming ribs conforming in contour to the shape of the desired article, simultaneously severing the portions of the sheets lying inside of the ring on lines spaced from said cutting and seaming ribs, and seaming the edges together, folding an additional sheet of uncured rubber to embrace the covered ring and to provide an additional layer overlying the outer face of the remaining portion of each original layer, and subjecting the assembled layers to the pressure of opposing press members whereby the said cutting and seaming ribs will sever and simultaneously join the inner and outer layers.

1,644,123. METHOD OF AND APPARATUS FOR CONTROLLING THE COMBUSTION OF FUEL IN FURNACES. JOHN WILLIAM GRISWOLD, Warren, Pa., assignor to Henry L. Doherty & Company, a Copartnership composed of Henry L. Doherty and Frank W. Frueauff, New York, N. Y. Filed Feb. 12, 1920. Serial No. 358,017. 29 Claims. (Cl. 236-15.)

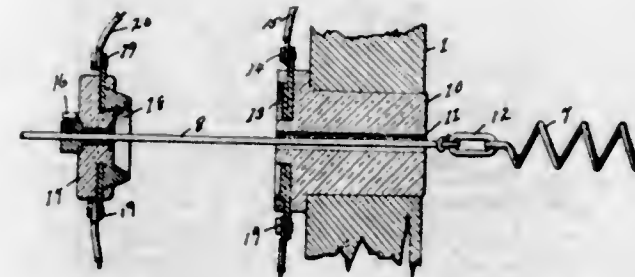


1. A method of regulating the combustion of fuel in a furnace, comprising continuously withdrawing a portion of exhaust products of combustion from said furnace, mixing said portion with a quantity of air, burning any combustible gases in said products, and controlling the supply of combustion supporting gases to said furnace in accordance with the difference in temperature of said exhaust products before and after ignition of any combustible content thereof to maintain a minimum of combustible gases in said exhaust products.

1,644,124. AUTOMATIC FIRE-ALARM SIGNAL. FRANK H. GRUETNER, Buffalo, N. Y. Filed Dec. 7, 1922. Serial No. 605,450. 1 Claim. (Cl. 200-142.)

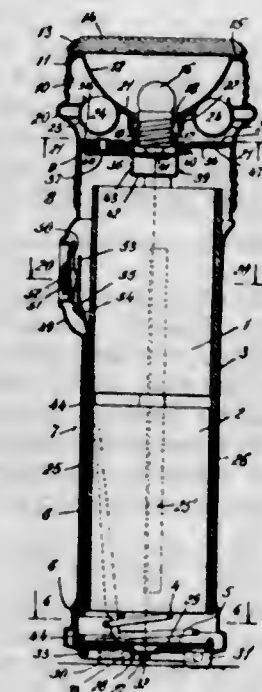
A switch for fire alarm apparatus comprising a plug of insulating material having a longitudinally disposed opening, the plug being provided at one end with a diametri-

cally enlarged head portion having an annular groove, a contact plate located in the groove, a conductor slidably received in the opening, a body member mounted upon the conductor and disposed opposite the head of the plug and normally spaced therefrom, a fusible element connected with the conductor and serving to hold the body member



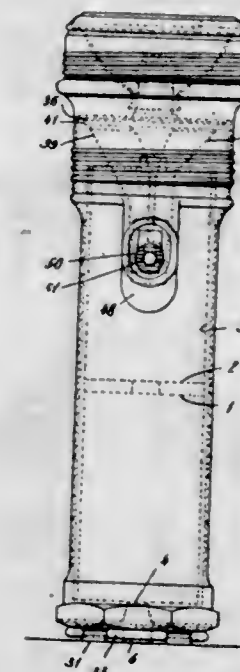
spaced from the plug, a spring connected with the conductor and being under tension with a tendency to move the body member towards the plug, the body member having an annular groove, a contact member seated in said groove and having an edge portion projecting beyond the face of the body member and toward the plate which is received in the head of the plug.

1,644,125. FLASH-LIGHT CASE. DE WITT C. HARRIS, Pineland, Fla., assignor to Burgess Battery Company, Madison, Wis., a Corporation of Wisconsin. Filed Nov. 12, 1925. Serial No. 68,498. 10 Claims. (Cl. 240-10.5.)



1. In a battery hand lamp, the combination of a metal casing, a battery therein, a lamp bulb, a support therefor, means for connecting the central terminal of the bulb to the central electrode of the battery, means for connecting the outer lamp terminal to the casing, a switch button, a contact strip extending therefrom to the base of the casing, insulation between the said strip and the casing, a metal disc fixed to the contact strip at the base of the casing, the said strip being wide enough at the lower end thereof to form a brace for the sides of said disc, means for connecting the disc to the outer electrode of the battery, and means actuated by the push button for connecting the contact strip to the casing.

1,644,126. FLASH-LIGHT CASE. DE WITT C. HARRIS, Pineland, Fla., assignor to Burgess Battery Company, Madison, Wis., a Corporation of Wisconsin. Filed Nov. 12, 1925. Serial No. 68,499. 23 Claims. (Cl. 240-10.5.)



1. In a battery hand lamp, the combination of a longitudinally split casing comprising two casing sections, a battery, having a longitudinally aligned central electrode, disposed within the casing, a lamp bulb in axial alignment with said casing, a support therefor, two contact strips carried by one casing section and making contact with the central bulb terminal and the central battery electrode respectively, said strips being normally electrically disconnected from each other, and a switch carried by this casing section, adapted to establish an electrical connection between said contact strips.

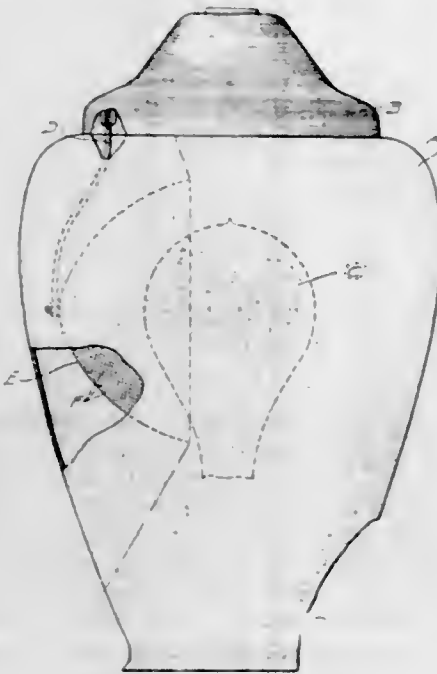
1,644,127. AUTOMATIC VALVE. CARL HARTMANN, San Francisco, Calif., assignor of one-half to John E. Anderson, San Francisco, Calif. Filed Apr. 22, 1926. Serial No. 103,853. 1 Claim. (Cl. 236-25.)



A valve for water heaters and the like, comprising a fuel fitting arranged to be connected between a source of fuel supply and a burner mounted in connection with a heater; a water fitting arranged to be connected between a source of water supply and the heater; a tubular member connected between the fuel and water fittings to hold the same in rigid spaced connection, said tubular member having oppositely disposed openings in the sides thereof; a valve mounted within the fuel fitting for controlling the flow of fuel therethrough to the burner; a piston mounted within the water fitting and arranged to be displaced by the fluid pressure of water circulated therepast; axially aligned stems connected to the valve and piston, said stems extending axially into the tubular member; an adjusting nut threaded onto one of the stems and arranged to engage the other stem whereby a displacement of the piston will automatically cause a corresponding displacement of the fuel valve to permit a flow of fuel proportional to the flow of water, said adjusting nut being accessible through the openings in the

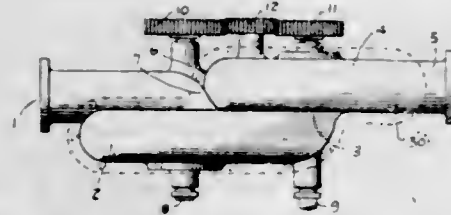
sides of the tubular member for adjusting the normal position of the piston within the water fitting; a spring mounted around the valve stem said spring being arranged to normally hold the valve and piston in valve closing position; and an adjusting member threaded onto the valve stem and arranged to regulate the pressure exerted by said spring to vary the displacement of the piston and valve resulting from a stated flow of water, said adjusting means being accessible for adjustment through the openings in the sides of the tubular member.

1,644,128. REFLECTOR. GEORGE B. HEATH, St. Louis, Mo. Filed July 31, 1925. Serial No. 47,844. 2 Claims. (Cl. 240-25.)



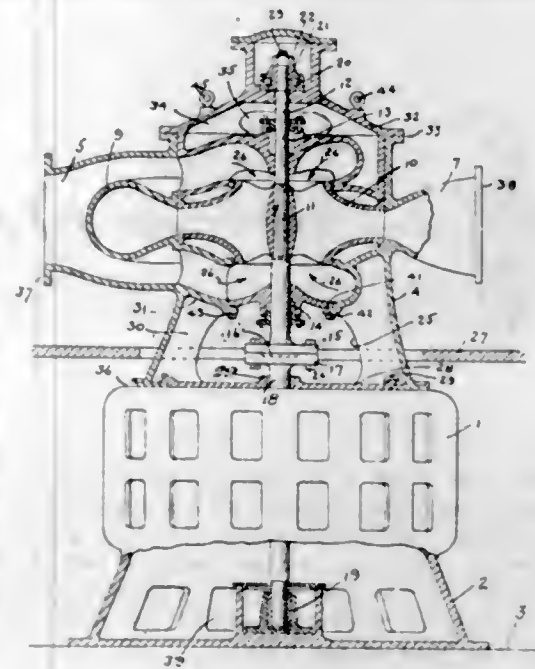
1. In a street lamp, an enclosing globe, a source of light within the globe, and a reflector disposed within the globe and in centered rearward relation to the source of light, the reflector comprising a body of suitable curvature for reflecting the light-rays outwardly towards the street, said body being provided with a multiplicity of perforations for permitting some of the light-rays to filter rearwardly therethrough for illuminating the adjacent pavement.

1,644,129. MULTISTAGE BALANCED PUMP. ALADAR HOLLANDER, Berkeley, Calif., assignor to Byron Jackson Pump Mfg. Co., Berkeley, Calif., a Corporation of California. Filed Mar. 26, 1927. Serial No. 178,724. 6 Claims. (Cl. 103-108.)



1. In a two stage centrifugal pump, a pair of casings in parallel planes and overlapping each other and each having an inlet and an outlet, said casings formed with the outlet of each casing merging directly with the inlet of the casing of the next stage and the inlet of the first named casing substantially in the same plane with the outlet of the second named casing.

1,644,130. VERTICAL-SHAFT TURBINE. ALADAR HOLLANDER, Berkeley, Calif., assignor to Byron Jackson Pump Mfg. Co., Berkeley, Calif., a Corporation of California. Filed Apr. 18, 1927. Serial No. 184,527. 5 Claims. (Cl. 103-87.)

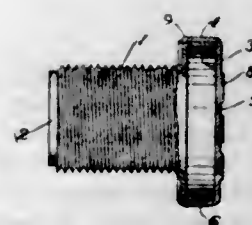


1. A vertical shaft hydraulic machine in combination with an electric motor having a stator and a rotor and including a two part shaft, a radial bearing at one end of said shaft and a radial and thrust bearing at the other end of said shaft, a rigid flanged coupling between the two parts of said shaft, the rotor of said motor mounted on one of said parts and a fluid rotor mounted on the other of said parts, a casing having a volute therein, said volute having a suction inlet passage and a discharge outlet passage external to said volute and formed integral therewith, said casing having a flange connection to said stator, a cover member for said casing on the opposite side from said flange and having one of said bearings mounted thereon, said cover having a portion of the walls of one of said passages cast integral therewith.

1,644,131. MANUFACTURE OF GLASS OR GLASS-LIKE OBJECTS. EDWARD HORE, Oxford, England, assignor to Frederick William Attack, Kingston, Canada. Filed Dec. 26, 1925, Serial No. 77,823, and in Great Britain Jan. 26, 1925. 4 Claims. (Cl. 49-81.)

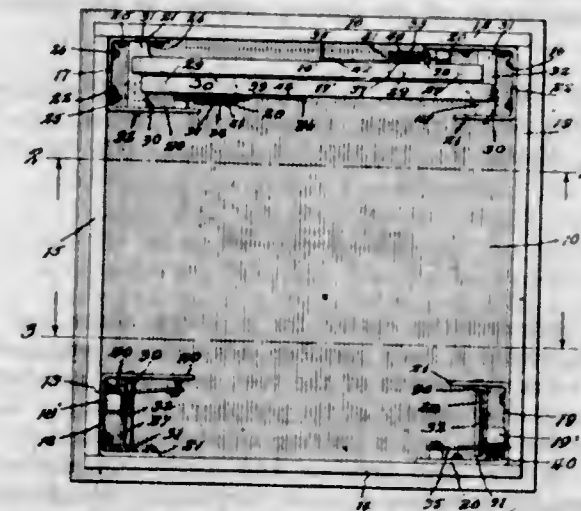
3. The process of forming unsplinterable glass which comprises uniting a plurality of sheets of glass and a sheet of cellulose ester by the use of a polymerized itaconic ester.

1,644,132. IDENTIFICATION MECHANISM. JOHN H. HORSBURGH, Cleveland, Ohio. Filed Dec. 22, 1922. Serial No. 608,498. 3 Claims. (Cl. 40-S.)



1. The combination with a hollow plug having a closed end and an open end having an outwardly flared and corrugated lip forming a peripheral flange for actuation thereof, of an identification cap bearing suitable insignia on its face and having a peripheral flange forming a tubular extension adapted to register telescopically with said plug flange, and cover said open end of the plug.

1,644,133. FOLDING TABLE. HAROLD HOWE, Orange, N. J. Filed Oct. 16, 1924. Serial No. 743,864. 7 Claims. (Cl. 45-11.)



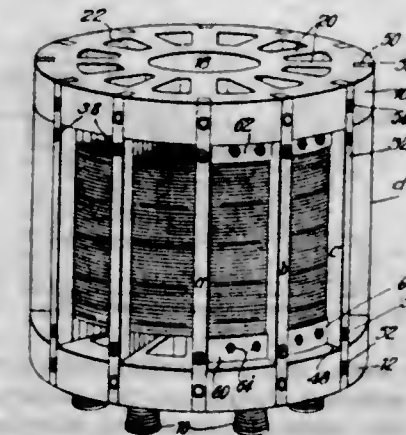
1. A corner unit for folding tables, comprising a U-shaped metal member, a leg strap pivotally carried between the sides of the U, the lower end of the leg strap being slotted, and a brace passing through the slot and pivoted to one side of the U-shaped member.

1,644,134. VENDING MACHINE. VICTOR H. KELLEY, Madison, Wis. Filed Aug. 17, 1925. Serial No. 50,854. 5 Claims. (Cl. 194-39.)



1. In a cabinet vending machine having a storage bin and a horizontal delivery slide underlying the storage bin, the combination of a beam pivotally suspended at its upper end and at its lower end articulated to and adapted to be swung by said slide, a coin chute, a fixed toothed bar disposed crosswise of said beam, a locking pawl pivoted on said beam co-operating with the teeth of said bar, and means, adapted to be released by a coin dropping from said chute, for locking said pawl in a position wherein it co-operates with said toothed bar to prevent swinging movement of said beam.

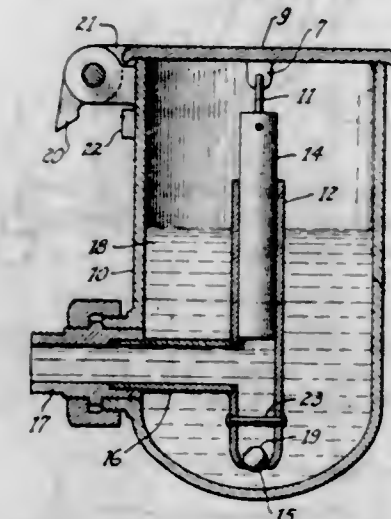
1,644,135. REACTOR. WALLACE B. KIRKE, Bronxville, N. Y. Filed Oct. 9, 1925. Serial No. 61,523. 12 Claims. (Cl. 175-359.)



1. A reactor comprising end heads and a series of radial supports between said heads, each radial support comprising a plurality of longitudinal members spaced

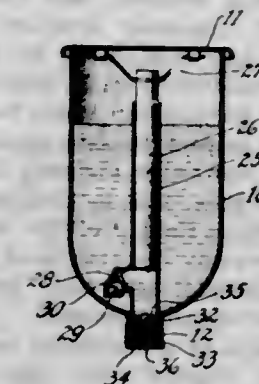
apart to receive separate convolutions of the winding and said winding comprising a plurality of conductors connected in multiple and the separate convolutions of the winding being so disposed that a given conductor lies the same radial distance from the central axis of the coil for a given turn and lies at a different radial distance for another turn in a different plane.

1,644,136. OIL CUP. CHARLES E. LINEBARGER, Chicago, Ill. Filed Feb. 25, 1922. Serial No. 539,145. 2 Claims. (Cl. 184-88.)



1. An oil cup comprising a casing having an oil outlet, means in said casing for forcing oil from said casing through said outlet, said means comprising a T-shaped tube with one end connected with said outlet, a second end opening towards the bottom of said casing and the third end opening upwardly in said casing, a valve mounted in said second end, a plunger mounted in said third end, said casing having a hinged cover, and means pivotally connecting said cover with said plunger.

1,644,137. OIL CUP. CHARLES E. LINEBARGER, Chicago, Ill. Filed July 14, 1922. Serial No. 574,900. 3 Claims. (Cl. 184-28.)

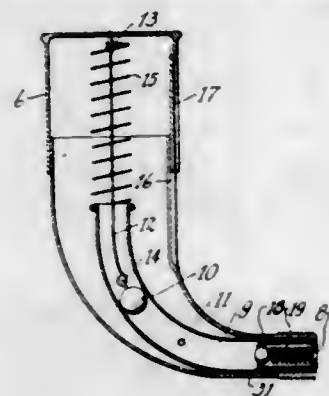


1. An oil cup comprising a casing having an oil outlet, means in said casing for forcing oil from said casing through said outlet, said means comprising a T-shaped tube with one end connected with said outlet, a second end opening towards the bottom of said casing and the third end opening upwardly in said casing, a valve mounted in said second end, a plunger mounted in said third end, said casing having a hinged cover, means pivotally connecting said cover with said plunger, and a valve in said outlet.

1,644,138. OIL CUP. CHARLES E. LINEBARGER, Chicago, Ill. Filed Oct. 18, 1922. Serial No. 595,273. 7 Claims. (Cl. 184-85.)

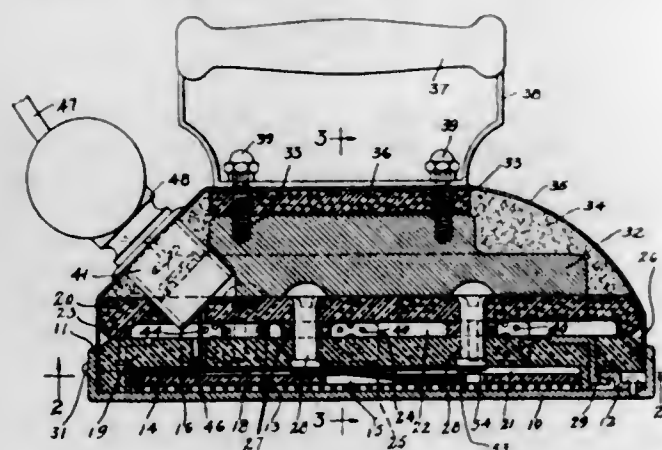
1. An oil cup comprising a casing having a removable cover and having an oil outlet, and means in said casing for forcing oil from said casing through said outlet, said means comprising a curved tube mounted in said casing,

one end of said tube being connected with the said outlet and the other end of said tube extending upwardly within said casing, a ball in said tube, said ball being operatively



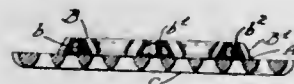
connected with said cover to move in unison therewith, and resilient means in said cup tending to hold said cover in its closed position.

1,644,139. ELECTRIC SADIRON. JOHN E. MARSDEN, Philadelphia, Pa. Filed July 7, 1925. Serial No. 41,938. 3 Claims. (Cl. 68-26.)



1. An electric sadiron comprising a shoe, a body above the shoe, locking means securing said body to said shoe comprising stationary engaging members borne by said body and said shoe and engageable by a relative horizontal movement of said body with respect to said shoe, and retaining means for confining said body against further movement with respect to said shoe, said retaining means including an upwardly directed flange extending along the edge of the shoe, said locking means comprising a hook positioned within the tip of the shoe and opening rearward, and a forwardly directed hook on the body to engage the hook aforesaid, said body being undercut to pass above the first mentioned hook, said body being seated within the flange by a movement as aforesaid while the hooks are being engaged, said retaining means including a screw at the rear of the iron passing through the flange and engaging the body.

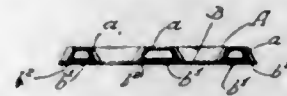
1,644,140. VIBRATING CUTTER FOR SHEEP SHEARS AND THE LIKE. MICHAEL W. MCARDLE, Chicago, Ill. Filed June 11, 1926. Serial No. 115,194. 5 Claims. (Cl. 30-1.)



1. A vibrating cutter for a sheep shear, or the like, comprising a cutting member and an actuating member, the cutting member being thin sheet metal adapted to seat flat on the comb member of the shear, the actuating member being adapted for engagement by the reciprocating means of the shear and being peripherally con-

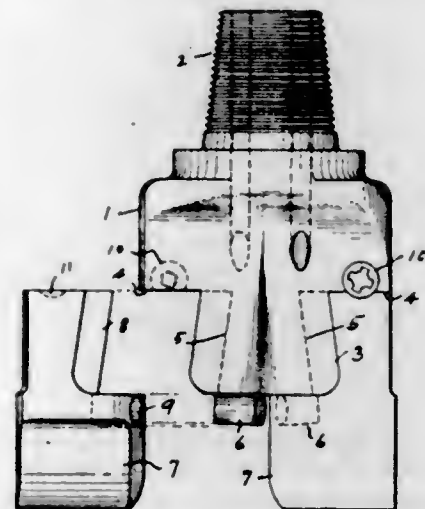
formed closely to the outline of the cutting member, and seating thereon along the cutting edges of the latter, said two members having cooperating features for actuating engagement of the cutting member by the other.

1,644,141. VIBRATING CUTTER FOR SHEEP SHEARS. MICHAEL W. MCARDLE, Chicago, Ill. Filed June 11, 1926. Serial No. 115,195. 3 Claims. (Cl. 30-1.)



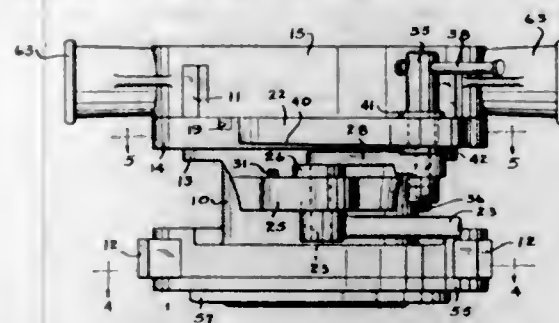
1. A reciprocating cutter for a sheep shear and the like comprising a body member adapted for engagement by the actuating means of the tool, said body member being flanged downwardly at its periphery, forming a hollow in its under side, and a cutting member peripherally conformed to the body member and struck up within its periphery, forming an upward protrusion fitting within the peripheral flange of the body member; whereby the two members are positively engaged for actuation of the cutting member with the body member in the reciprocating movement.

1,644,142. DRILL BIT. CLAUDE W. METZGER and MARGIA MANNING, Houston, Tex. Filed Dec. 20, 1926. Serial No. 155,846. 7 Claims. (Cl. 255-61.)



1. A drill bit including a head whose lower end is reduced forming a blade anchor, said anchor being formed with integral keys and mortises, detachable blades each formed with a tenon adapted to fit into the corresponding mortises, and a keyway provided to receive the corresponding key.

1,644,143. DIESTOCK. IRA W. NONNEMAN, Warren, Ohio, assignor to The Borden Company, Warren, Ohio, a Corporation of Ohio. Filed June 10, 1925. Serial No. 36,089. 11 Claims. (Cl. 10-122.)

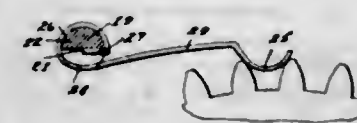


1. In a die stock, the combination with a frame member, chasers mounted therein, a cam member rotatively mounted on the frame member and coacting with the chasers, one of said members having an extension with an arcuate slot, a pin occupying the slot, a nut for clamping the pin in various positions in the slot, a rock

arm mounted on the other member, a link connecting the same with the adjustable pin, said clamping member having an extreme position where it releases the chasers and the slot being long enough to allow the member to be moved to release the chasers only when the rock arm is in its extreme non-clamping position and the clamping nut loosened.

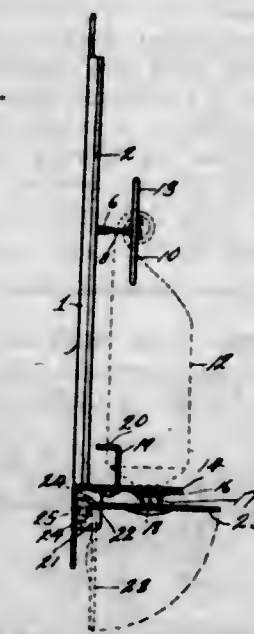
5. In a die stock, the combination with a frame, of a plurality of chasers carried thereby, a cam plate rotatably mounted on the frame for controlling the position of the chasers with reference to the frame, means for clamping the plate to the frame and for holding the chasers in adjusted position, said means including a tapered bearing surface on the plate whereby the force tending to clamp the chasers to the frame is increased as the working stresses which tend to open the chasers are increased.

1,644,144. TYPE-WHEEL-ALIGNING DEVICE FOR MARKING MACHINES. RAYMOND OSBORNE and CHARLES F. MILLER, Cincinnati, Ohio, assignors to The National Marking Machine Company, Cincinnati, Ohio, a Corporation of Ohio. Filed Oct. 19, 1926. Serial No. 142,631. 2 Claims. (Cl. 101-110.)



1. A type aligning device for marking machines, comprising in combination a series of pinions having type upon the periphery of the teeth, a corresponding series of toothed pinions in mesh with the type bearing pinions, a series of independent spring arms, each spring arm having one end shaped to yieldingly engage the toothed pinions and to enter between the teeth thereof to cause said toothed pinions to stop in their movement at predetermined positions and to be held in said position, and means for adjusting the tension of said spring arms.

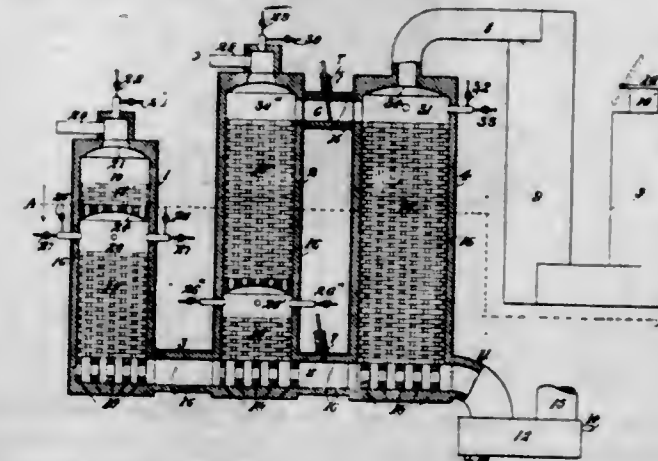
1,644,145. COLLAPSIBLE-TUBE HOLDER. CHESTER A. PEAKINS, South Bend, Ind. Filed May 25, 1925. Serial No. 32,866. 2 Claims. (Cl. 221-60.)



1. A collapsible tube holder comprising a channelled body member, a guide member slidably mounted in the channelled body member, said guide member being formed from a single piece of wire and comprising a looped portion vertically disposed and slidable within the guide member, angularly disposed arms carried by the ends of the looped member, said angularly disposed arms terminating in oppositely extending arms, eyes carried

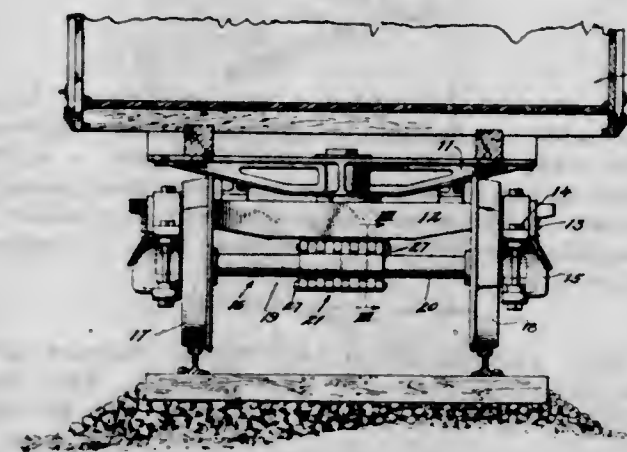
by said oppositely extending arms, a rotatable tube collapsing member mounted in said eyes, means for gripping and holding the lower end of a tube when in inverted position, said channelled member having hingedly connected thereto a closure cooperating with the lower end of a tube.

1,644,146. METHOD OF MANUFACTURING OIL GAS. ROBERT D. PIKE, San Francisco, Calif. Filed May 2, 1923. Serial No. 636,037. Renewed Feb. 28, 1927. 5 Claims. (Cl. 48-214.)



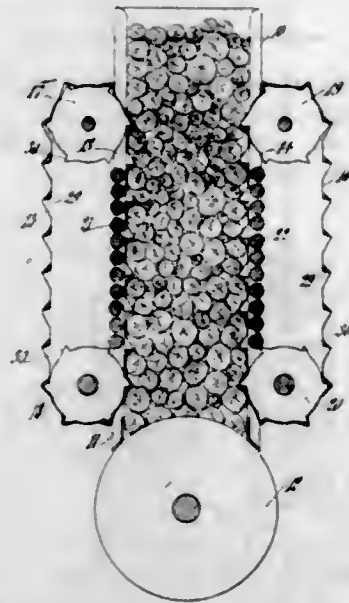
3. The method of making gas from oil, consisting in first treating a supply of oil with steam and passing it over heated surfaces in a closed chamber for converting the oil and steam into a lean gas carrying suspended carbon particles, then treating said lean gas and suspended carbon in another closed chamber with a predetermined degree of heat in the presence of a supply of steam for converting the carbon into gas, and subsequently enriching the lean gas mixture in a further treatment.

1,644,147. DIFFERENTIAL AXLE FOR RAILROAD CARS. JAMES B. POPE, San Francisco, Calif. Filed Aug. 9, 1926. Serial No. 128,127. 5 Claims. (Cl. 295-39.)



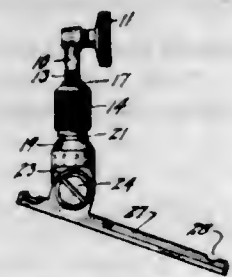
2. A differential axle for railroad cars, comprising a two-part axle, a wheel fixed on the outer end of each axle part, a two-part sleeve adapted to embrace contiguous ends of the axle sections and to hold them in longitudinal alignment with each other while permitting relatively free rotation of the axle parts within the sleeve, said sleeve parts being formed along opposite halves with complementary interlocking lugs through which progressively tapered openings occur, tapered pins adapted to be driven through the openings in said lugs to exclusively and rigidly hold the halves of the sleeve in fixed relation to each other and the axle, and means within the sleeve to prevent longitudinal movement of the sleeve on the axle parts.

1,644,148. APPARATUS FOR FEEDING CONTINUOUS WOOD WORKING GRINDERS. PAUL PRIEM, Heldenheim-on-the-Brenz, Germany. Filed Jan. 3, 1925. Serial No. 420, and in Germany Aug. 16, 1924. 9 Claims. (Cl. 83-75.)



1. In a continuous wood working grinder having a grindstone, a magazine or hopper above the same and a conveying means; separate cleat members fixedly secured to the conveying means at spaced intervals, providing means entering into the sides of the magazine or hopper for moving the wood towards the grindstone and providing yieldable sections of the conveying means between the separate cleat members.

1,644,149. REAR SIGHT FOR RIFLES. JOHN H. REDFIELD, Denver, Colo. Filed June 12, 1926. Serial No. 115,464. 11 Claims. (Cl. 33-57.)



8. A gun sight comprising a base member; a hinge pin for said base member; a sighting member supported on said hinge pin; detents in said hinge pin; a spring arranged to project said detents outwardly from openings in opposite sides of said hinge pin into depressions in said sighting member when the latter is in a predetermined position.

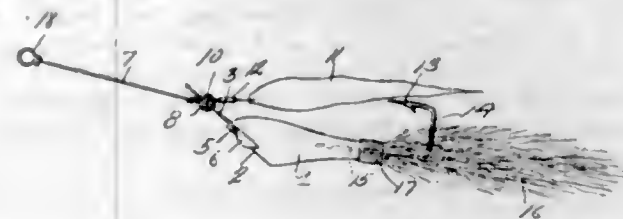
1,644,150. INFORMATION-TAG CASE. THOMAS GORDEN REYNOLDS, Toronto, Ontario, Canada. Filed July 6, 1926. Serial No. 120,829. 4 Claims. (Cl. 40-19.)



1. A device of the character described including a protecting outer casing, a resilient tubiform holder open at one end to receive a tag and compressible longitudinally

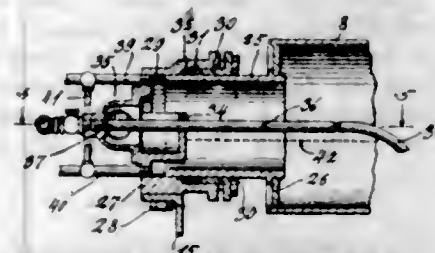
so that a part of the tag is extant beyond the confines of said holder, a closure cap, and said holder adapted to engage said outer casing in telescopically-detachable relation.

1,644,151. ARTIFICIAL BAIT. CLAUDE M. RODGERS, Portage Township, St. Joseph County, Ind., assignor to South Bend Bait Co., a Corporation of Indiana. Filed July 10, 1926. Serial No. 121,560. 14 Claims. (Cl. 43-39.)



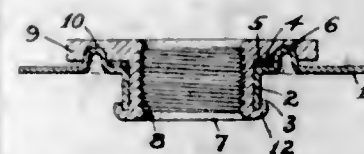
1. The combination with a bait body having a deflecting plate, of a lead member connected to said deflecting plate and a flexible member connected to said lead member and disposed rearwardly of the plate.

1,644,152. BOILER FOR CARBON-BLACK RETORTS. HARRY R. ROGERS, Denver, Colo., assignor to Harry R. Rogers, Fred B. Rogers, and William A. Sharpe, Denver, Colo.; Lucian Thomas Martin, Kansas City, Mo.; Albert Lee Miller, Lawrence Johnson, and Lon A. Galbreath, Lusk, Wyo., trustees of The Consolidated Producers Trust, Lusk, Wyo. Filed Apr. 27, 1925. Serial No. 26,042. 1 Claim. (Cl. 122-11.)



A boiler comprising a hollow cylindrical member having one end closed and a trunnion projecting axially from said closed end, the other end of said cylinder having an axial tubular projecting member of smaller diameter than the cylindrical member, a cylinder head operatively associated with the tubular member, said cylinder head having a transverse wall near one end so as to form a compartment, a steam pipe opening into said compartment means for forming a tight connection between said head and tubular member and a feed water pipe extending into said compartment and through an opening in said partition wall.

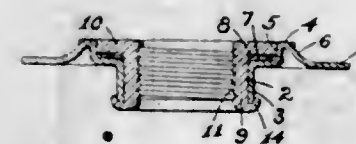
1,644,153. BUSHING FOR METAL RECEPTACLES. CHARLES F. SCHRINER, Cleveland, Ohio. Filed Oct. 28, 1925. Serial No. 65,360. 1 Claim. (Cl. 220-39.)



The combination with the wall of a metallic receptacle of a bushing, the wall having an opening formed therein and surrounded by an annular flange, projections formed integrally with and extending from said wall in the opposite direction from said flange, the projections being arranged on the arc of a circle in spaced relation to said opening, the bushing extending through said opening and beyond the end of the annular flange, the bushing having a flange at one end, the flange having recesses

extending from the under side thereof and arranged between the bushing and the edge of the flange for receiving and fitting over said projections, a gasket arranged between the wall of the receptacle within the circle formed by said projections and said flange of the bushing, and the other end of the bushing being bent over the end of said annular flange to clamp the bushing in position, substantially as described.

1,644,154. BUSHING FOR METAL RECEPTACLES. CHARLES F. SCHRINER, Cleveland, Ohio. Filed Oct. 28, 1925. Serial No. 65,361. 2 Claims. (Cl. 220-39.)



1. The combination with the wall of a metallic receptacle of a bushing, the wall having an opening formed therein, a flange forming a seat surrounding the opening, lugs extending from the wall beyond said seat, the bushing having an annular flange at one end adapted to engage said seat, the flange of the bushing having notches cut in its edge for receiving and being engaged by said lugs, and the other end of the bushing being bent over the inner end of said annular flange of the bushing for clamping the bushing in position, substantially as described.

1,644,155. CHECKING DEVICE. RUSSELL O. SCOTT, Dayton, Ky. Filed Apr. 11, 1927. Serial No. 182,595. 5 Claims. (Cl. 40-19.5.)



1. A system of the class described, comprising, a series of brackets and a set of check tags adapted to be inserted on each bracket, each bracket having a different arrangement of cut-out figures inserted at its tag receiving end, and each set of check tags having apertures therein configured to correspond to the outline of the cut-out figures of its particular bracket for allowing only the tags of a certain set to be slid past its corresponding bracket figures and supported on the bracket.

1,644,156. LUBRICATING SYSTEM. WESLEY B. SIBLEY, Detroit, Mich., assignor to Acme Devices Corporation, a Corporation of Michigan. Filed July 28, 1923. Serial No. 654,379. 2 Claims. (Cl. 221-47.8.)



1. A lubricant pump comprising a body, a cap member on one end thereof, a nozzle on the opposite end of said body, a bored member in said nozzle adapted to com-

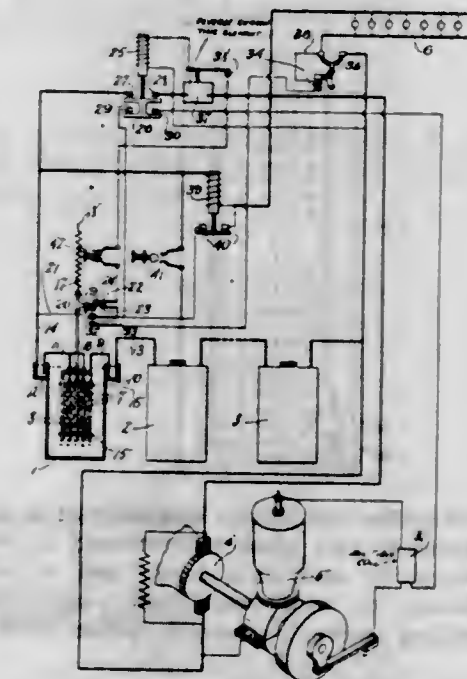
municate with said body, a plunger slidable in said cap and having its inner end extending into the bore of said member, a piston loose on said plunger in said body, means carried by said plunger and adapted to limit the sliding movement of said plunger in said cap, a spring encircling said plunger and bearing against said piston, and means carried by said plunger engageable with said piston so that said cap, plunger and piston may be removed from said body.

1,644,157. METHOD OF MAKING TORCH TIPS. ELMER H. SMITH, Minneapolis, Minn. Filed Nov. 15, 1926. Serial No. 148,560. 7 Claims. (Cl. 29-157.)



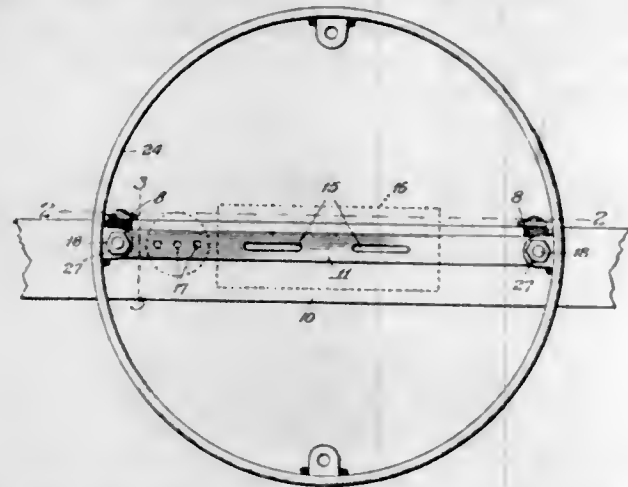
1. Method for producing torch tips which consists in boring a solid section of a ductile metal, disposing wires within the bores and swaging to reduce the diameter and lengthen the section.

1,644,158. SYSTEM FOR GENERATING AND DISTRIBUTING ELECTRICITY. CHESTER F. STRONG, New York, N. Y. Filed June 25, 1919, Serial No. 306,601. Renewed Mar. 5, 1927. 7 Claims. (Cl. 290-30.)



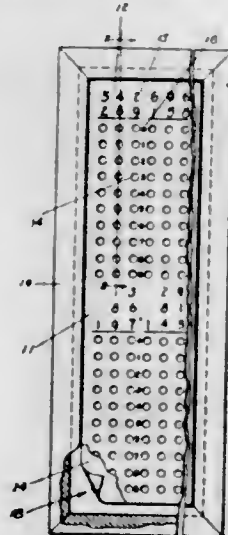
1. In a system for generating and distributing electricity, a load circuit, a series of cells constituting a storage battery normally connected to said circuit, a generator for charging the same, an internal combustion engine for actuating said generator, a solenoid switch for connecting said generator and battery to cause said battery to start the engine, normally open contacts controlling said solenoid switch, means actuated by a single cell for closing said contacts when said cell is discharged to a predetermined point, means for forming a shunt around said contacts when once closed so as to maintain said solenoid switch closed independently of the relations of said contacts, and normally closed contacts in circuit with said solenoid and adapted to be opened by said first mentioned means when said cell becomes charged to a predetermined point.

1,644,159. DEMOUNTABLE-RIM CARRIER. HUSTON TAYLOR, Detroit, Mich., assignor, by mesne assignments, to Kelvinator Corporation, Detroit, Mich., a Corporation of Michigan. Filed Jan. 5, 1920. Serial No. 349,414. 6 Claims. (Cl. 224-29.)



4. The combination with a bar suitably supported, of a demountable tire carrying rim adapted to embrace said bar, apertured lugs connected to said rim and bolts carried by said bar and adapted to engage the apertured lugs on said rim, and nuts screwed upon said bolts for securing the rim to the bar.

1,644,160. SELF-CHECKING TEST DEVICE. THOMAS E. THOMPSON, Los Angeles, Calif. Filed Aug. 5, 1926. Serial No. 127,284. 17 Claims. (Cl. 35-12.)



1. A self-checking test device comprising: a data-sheet having a problem and answer locations; a work-sheet placed adjacent to said data-sheet; and a check-plate placed adjacent to said work-sheet, said check-plate having checking means arranged below said answer locations.

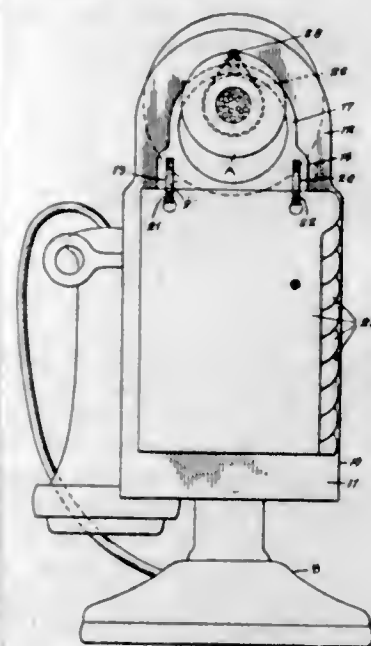
1,644,161. PROCESS FOR CRYSTALLIZING LIQUIDS. GEORGE T. WALKER, Minneapolis, Minn. Original application filed Nov. 28, 1921, Serial No. 518,341. Divided and this application filed Mar. 24, 1924. Serial No. 701,524. 2 Claims. (Cl. 23-1.)



1. The process for forming crystals which consists in causing a heated crystallizable solution to pass through a container, maintaining a body of liquid at a substantially constant level in the container with overflow discharge, progressively cooling the solution during its passage to cause saturation of the solution and the forma-

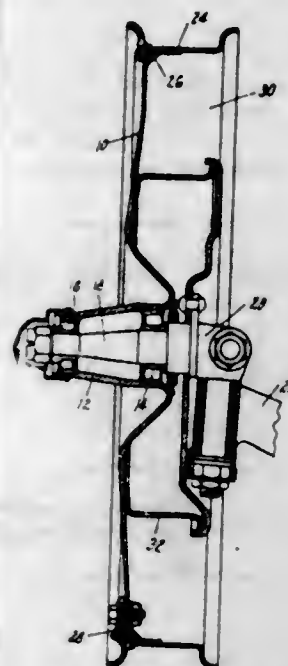
tion of crystals, lifting the crystals and dropping them through the solution to assist in their formation, and advancing the crystals through the container and lifting them to present them to the outlet for discharge with the outflowing solution.

1,644,162. INDEXING DEVICE. NATHAN WARSHAW, New York, N. Y. Filed Sept. 5, 1925. Serial No. 54,838. 2 Claims. (Cl. 40-10.5.)



1. An indexing device comprising a board having an upwardly disposed extension with a circular opening therethrough, a metal protective plate on one face of the board and having a ring portion surrounding the opening of the extension of the board, said ring portion having on its inner edge an annular flange closely fitting the edge of the circular opening of the extension of the board, and said metal plate and extension having there-through two horizontally spaced vertical slots adjacent the ring portion, and means in each slot for holding cards, said means including an arcuate spring strip with two oppositely disposed hook-shaped ends removably inserted in and spanning the ends of its respective slot.

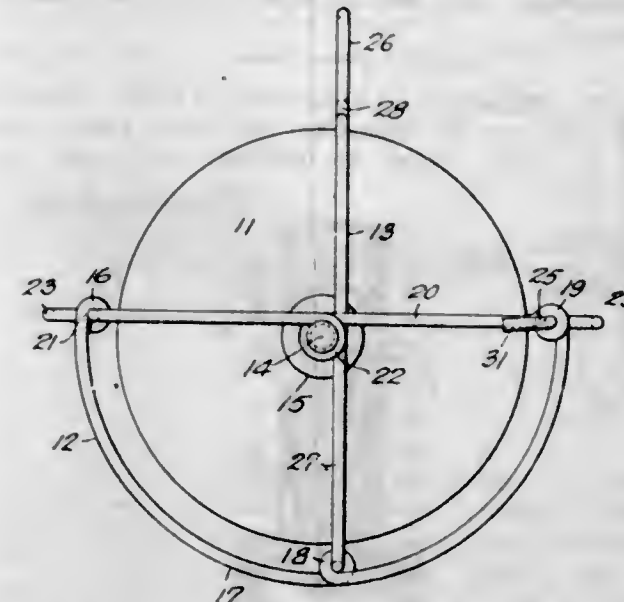
1,644,163. DISK WHEEL. D'ORRAY MCCALL WHITE, Chicago, Ill., assignor to Motor Industries, Inc., Chicago, Ill., a Corporation of Illinois. Filed Sept. 21, 1925. Serial No. 57,599. 4 Claims. (Cl. 301-63.)



3. A wheel having a disk body and hub in one piece, with the disk body flared outwardly just outside the hub to a plane between the ends of the hub and flanged

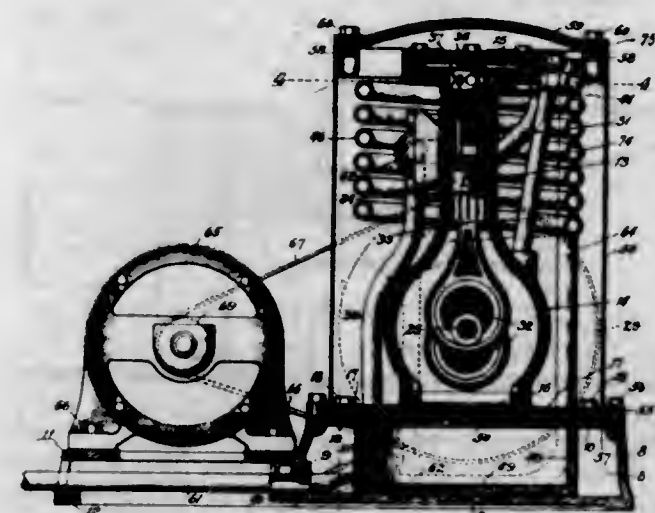
inwardly at its outer edge and terminating substantially in the plane of the inner end of the hub, in combination with a rim secured on said flange and substantially bisected by said plane of the inner end of the hub, and a brake drum projecting inwardly from the inner side of the disk body and substantially bisected by the plane of the inner end of the hub.

1,644,164. PULLEY. EDWARD M. ADAMS, Lennoxville, Quebec, Canada. Filed Sept. 4, 1925. Serial No. 54,459. 4 Claims. (Cl. 254-197.)



1. In a device of the class described, a sheave and a frame enclosing the sheave comprising a pair of members, each formed of a single piece of wire bent to semicircular shape and provided at the ends and centre of the curved edge thereof with loops, said wire being passed adjacent one of its ends through a loop formed at the other end and leaving a projecting portion adapted for insertion through a loop of the other member, a strap member connected at its ends to said similar members, all three of said frame members being provided with loops for the passage of a spindle to support the sheave.

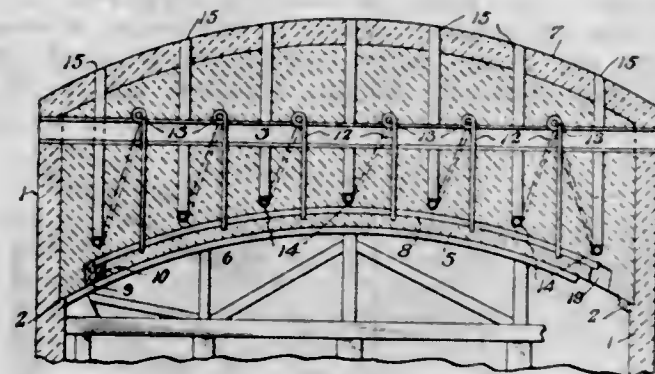
1,644,165. REFRIGERATING APPARATUS. AUGUST PETER ANDERSON, Toledo, Ohio. Filed Jan. 19, 1922. Serial No. 530,235. 1 Claim. (Cl. 62-116.)



In refrigerating apparatus, the combination of a horizontally extending base provided with an upwardly extending wall having an open top and forming a water chamber, a compressor secured on the top of the base above the chamber, a skirt having an open base, extending and forming a water jacket around and enclosing the compressor, and having its lower end removably secured to

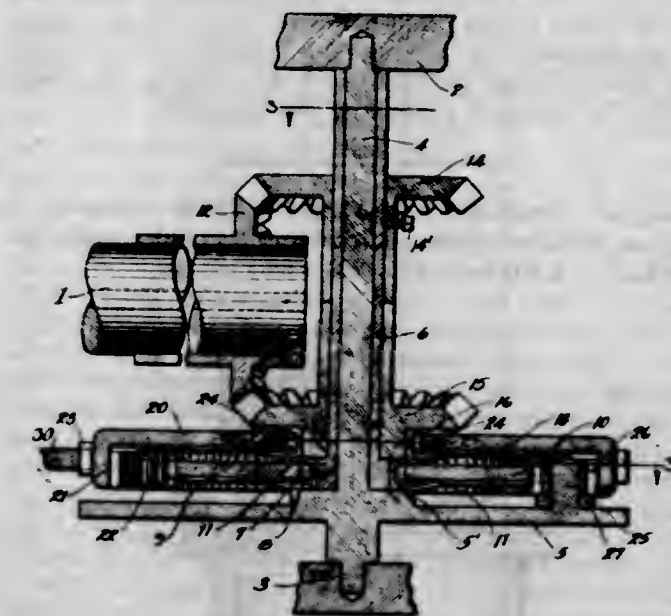
the top of said base, said jacket being in communication with and forming an upward continuation of the water chamber in the base, a condenser disposed in the jacket and connected to the compressor, a refrigerant receiver formed separately from the base disposed in the water chamber and insertable and removable through the open top of the base wall, a connection in the jacket between the condenser and the receiver, water inlet and outlet connections for the water chamber, and refrigerant connections for the receiver and the compressor passing through the base.

1,644,166. FURNACE ARCH. MILFORD BAINTEK, Columbus, Ohio, assignor to S. Obermayer Company, Chicago, Ill., a Corporation of Illinois. Filed Feb. 20, 1926. Serial No. 89,615. 16 Claims. (Cl. 110-99.)



1. A monolithic furnace-arch constructed of plastic refractory material and having embedded therein transversely disposed metal tubes, each tube having its two ends in open communication with the interior of the combustion chamber of the furnace through openings in the material of the arch.

1,644,167. GOVERNOR MECHANISM. FRANK E. BEST, Seattle, Wash. Filed Dec. 28, 1921. Serial No. 525,316. 4 Claims. (Cl. 264-9.)



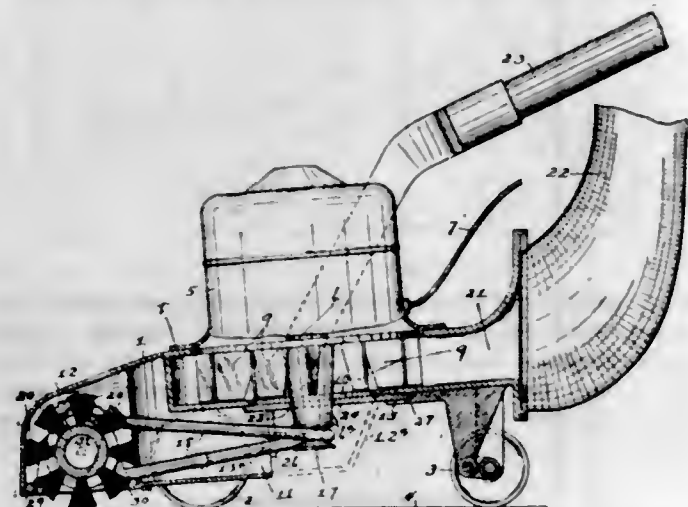
1. In combination, a driven shaft, a speed controlling device, a governor member driven from said driven shaft at a speed that varies directly as the speed of said driven shaft, another governor member having a frictional driving connection with said driven shaft, independent constant speed mechanism for retarding said last named governor member to a constant speed and devices actuated by a change of speed of said first named governor member relative to said last named for adjusting said speed controlling device.

1,644,168. SNAP HOOK. HENRY S. BILDERBACK, Elk City, Okla. Filed Feb. 9, 1927. Serial No. 167,064. 2 Claims. (Cl. 24-239.)



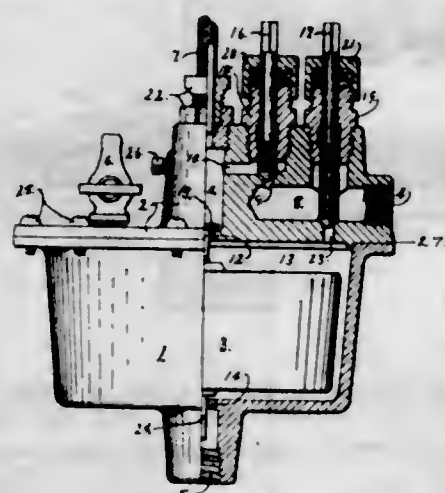
1. A body member for a snap hook device comprising a hook, a straight shank joined to one end of the hook and lying at right angles to said end, and said shank being merged into and forming part of a loop lying directly behind and closed at the front end by said hook.

1,644,169. CONVERTIBLE VACUUM SWEEPER AND FLOOR POLISHER. ERNEST H. BLANCHARD, Schenectady, and DARWIN MOTT, Glenville, N. Y. Filed Oct. 25, 1926. Serial No. 143,869. 2 Claims. (Cl. 15-49.)



1. The combination with a machine having a brush-chamber; a floor-engaging brush rotatively mounted in said brush-chamber; a fan-chamber provided with a bottom inlet-port connected with the brush-chamber by a throat; a fan-shaft extending from the fan-chamber through said port into said throat; and a fan on the fan-shaft within the fan-chamber; of a removable closure for said port, said closure being provided with an opening to closely receive the extended portion of the fan-shaft.

1,644,170. SAFETY CONTROL VALVE. FRANK L. BURR, Wichita, Kans. Filed June 8, 1926. Serial No. 114,511. 2 Claims. (Cl. 137-68.)



1. In a safety control valve, a valve body comprising an intake port and a discharge port, each adapted for standard iron pipe connections, a vent pipe connection providing means for the intake of air, a vent cock connection providing means for the exhaustion of air, a screw-ad-

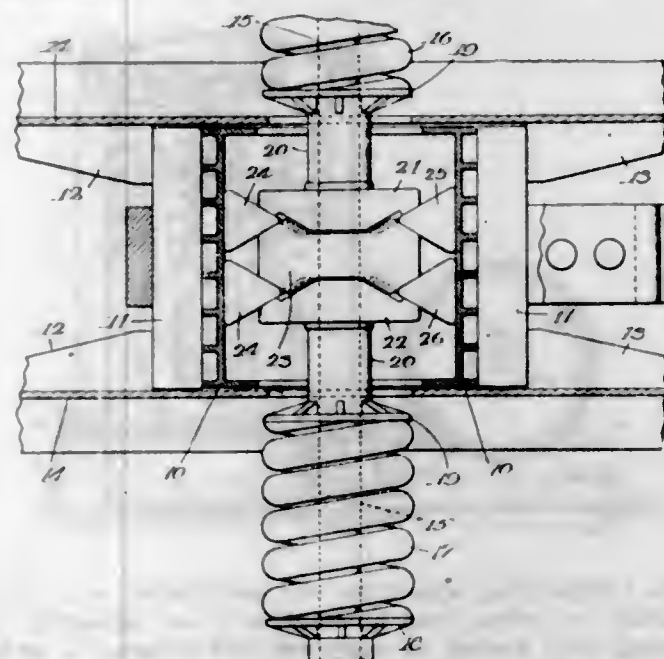
justing regulating valve interposed between said intake and discharge ports adapted to control the maximum flow of fluid to be permitted, a float-actuated valve interposed between said regulating valve and discharge port operating to permit the free passage of fluid when the float is raised by the weight of the fluid present in the float chamber incasing it, and to automatically shut off the flow of fluid entirely when said float is lowered by exhaustion of fluid from said float chamber, as will be effected by a discharge of fluid at a rate in excess of that for which said regulating valve is adjusted, a by-pass valve controlling direct communication between the intake and discharge ports through said float chamber, providing means for adjusting said float-actuated valve in operating position.

1,644,171. REMOTE GAS-CONTROL-VALVE APPARATUS. HENDRIX K. CALDWELL, San Diego, Calif. Filed Oct. 11, 1923. Serial No. 667,831. 6 Claims. (Cl. 137-139.)



1. In an apparatus of the class described, a valve casing, an electro-magnet controlled valve member mounted therein, an electromagnet in connection with said valve member, and an electrical contact switch means in connection with said valve member, said electrical contact switch means serving as a multiple stop means for positioning said valve member in various extreme and intermediate positions relatively to and from its seat.

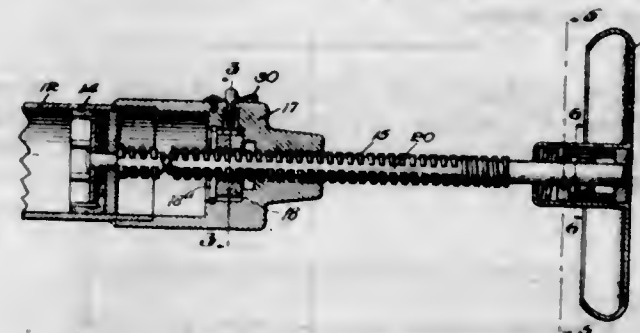
1,644,172. FRICTION DRAFT GEAR. JAMES R. CARDWELL, Chicago, Ill., assignor to Union Draft Gear Company, Chicago, Ill., a Corporation of Delaware. Filed May 25, 1926. Serial No. 111,517. 1 Claim. (Cl. 213-38.)



A draft gear comprising a central double end wedge element, such element being laterally recessed and the end portions of the walls of the recesses being outwardly in-

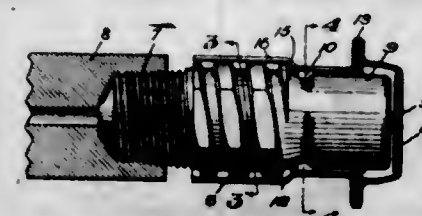
clined and longitudinally channeled, a pair of blocks flanking the central element and having faces complementary to the channeled portion of the walls thereof, such faces being prolonged as wedge surfaces, a pair of wedge blocks cooperating with each end of the central element and the wedge surfaces of the pair of blocks, and spring means urging the flanking blocks toward the central element.

1,644,173. LUBRICATING APPARATUS. FRED S. CARR, Newton, Mass., assignor, by mesne assignments, to The Bassick Manufacturing Company, Chicago, Ill., a Corporation of Delaware. Filed Feb. 1, 1923. Serial No. 616,291. 2 Claims. (Cl. 221-47.3.)



1. A lubricant compressor adapted to form a quick detachable connection with a lubricant receiving nipple by relative rotation to said nipple; comprising a barrel, a lubricant expelling piston therein, a threaded stem connected to said piston, a handle for rotating said stem, connecting means between said handle and said stem for turning said stem in one direction upon oscillation of said handle, said means permitting locking of said handle to said stem when said handle is rotated to connect or disconnect said compressor with a lubricant receiving nipple, and means connecting said barrel and said stem and serving to prevent backward rotation of said stem when said means is fixed in one position, said means resisting the forward rotation of said stem sufficiently to permit a connection to be formed between said compressor and said nipple by merely turning said handle.

1,644,174. LUBRICATING NIPPLE AND CAP THEREFOR. MOSES F. CARR, Lexington, Mass., assignor, by mesne assignments, to The Bassick Manufacturing Company, Chicago, Ill., a Corporation of Delaware. Filed Feb. 1, 1923. Serial No. 616,345. 3 Claims. (Cl. 184-58.)

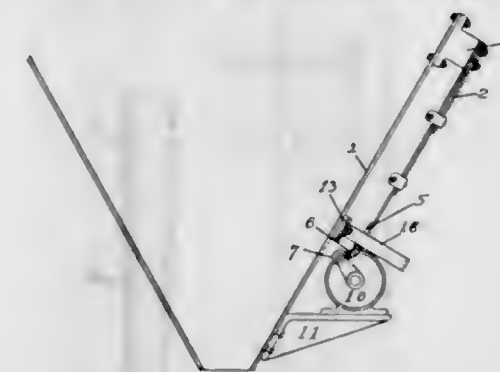


1. A dust cap presenting a resilient skirt portion for enclosing the coupling means presented by a nipple to exclude dust and dirt therefrom, said skirt presenting at one side a slit to provide resiliency and, at a point adjacent said slit, a struck-in depression for resilient engagement with a neck on the lubricant-receiving nipple.

1,644,175. WALL-VIBRATING MACHINE. EDGAR D. CHURCH, Saginaw, Mich., assignor to Jackson & Church Co., Saginaw, Mich., a Corporation of Michigan. Filed Jan. 11, 1924. Serial No. 685,657. 2 Claims. (Cl. 83-44.)

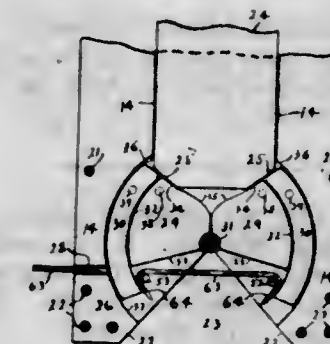
1. In a hopper having a vibratory plate comprising one of the walls of said hopper, a whip-spring, an anvil, and

a motor for actuating said whip-spring, all independently mounted in fixed operative relation on said vibrating plate, whereby adjacent parts of the middle areas of said plate



are slightly bent and buckled and vibrated with respect to each other by each co-operative reaction of said whip-spring, anvil and motor.

1,644,176. STAPLING DEVICE. JOHN DANIEL CLEMENCE, Burlington, Ontario, Canada, assignor of one-half to George C. Atkins, village of Bronte, Ontario, Canada. Filed Nov. 11, 1926. Serial No. 147,815, and in Canada Nov. 2, 1926. 12 Claims. (Cl. 1-48.)

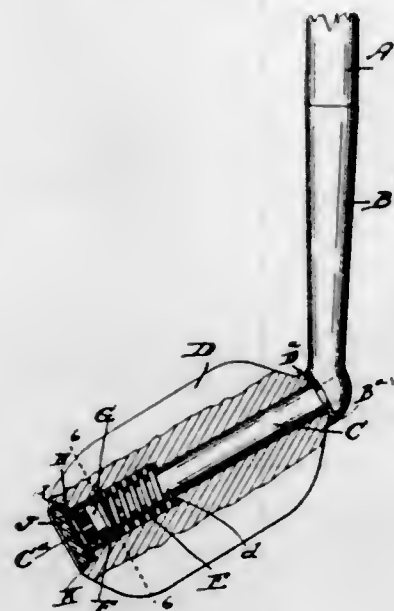


1. In a stapling machine of the class described, the combination with a main frame, of a plunger therein, means for reciprocating said plunger longitudinally of the frame, means for supporting a wire transversely of the frame in spaced relation in front of the plunger, a pair of opposed inner cams mounted in the frame between the front end of the plunger and the wire and in the same plane as the wire, said cams mounted to rotate through arcs about a common pivot pin, a pair of opposed outer cams also mounted in the frame between the plunger and the wire and in the same plane as the wire, said outer cams mounted to rotate through arcs of circles about the inner cams and also about the same center as the inner cams, the plunger co-operating with the cams during its forward movement to rotate, first, the outer cams forwardly towards each other and then the inner cams forwardly towards each other so that they extend beyond the forward ends of the outer cams, a pair of spaced apart pins mounted in the frame and positioned in front of and in the path of the inner cams, means for withdrawing said pins from the path of the inner cams at a predetermined position of the cams, and means co-acting between the cams and plunger to return the cams to their original rearward positions during the rearward movement of the plunger.

1,644,177. ADJUSTABLE GOLF CLUB. WILLIAM R. COLLINS, Detroit, Mich. Filed Aug. 5, 1927. Serial No. 210,820. 6 Claims. (Cl. 273-79.)

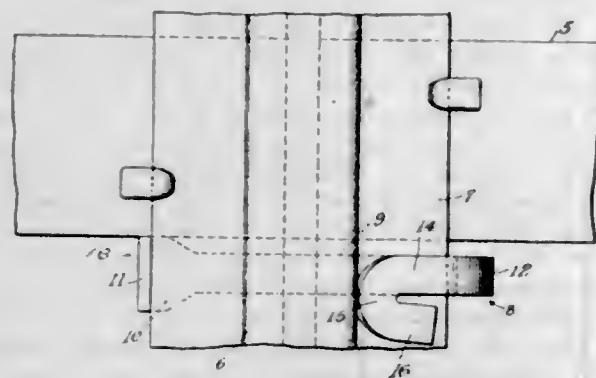
1. A golf club comprising a shaft; a shank secured thereto having a heel formed with radial ratchet-faced teeth; a stub shaft secured to the heel and projecting at an angle therefrom; an adjustable head sleeved upon the

stub shaft carrying ratchet teeth adapted to interlock with the ratchet teeth on the heel of the shank; a coiled spring sleeved upon the stub shaft adapted to bear upon the adjustable head; and a nut screwed upon the end of



the stub shaft adapted to adjust the tension of the spring to force the ratchet teeth carried by the adjustable head into yieldable interlocking relation with the ratchet teeth on the heel of the shaft.

1,644,178. ONE-PIECE SPRING RAIL ANCHOR. ADONIRAM J. COOK, Westerlo, N. Y., assignor to The P & M Company, Chicago, Ill., a Corporation of Illinois. Filed Apr. 1, 1926, Serial No. 99,160. Renewed Dec. 17, 1926. 9 Claims. (Cl. 238-330.)

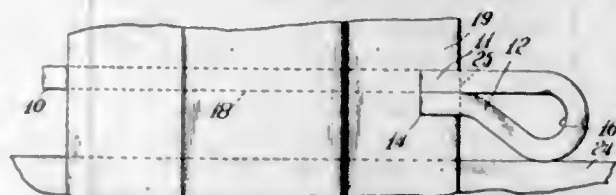


1. A rail anchor of spring metal fashioned at one end to form a flange, the opposite end bent over through an arc of substantially 180° to a position substantially parallel with the body portion of the anchor, and the extreme end bent sideways through an arc of approximately 180° to form a tongue provided with a sharp edge 17 adapted when the anchor is in position to engage the top surface of a rail flange inside the outer edge of said flange.

1,644,179. RAIL ANCHOR. HAROLD G. WARR, Park Ridge, Ill., assignor to The P & M Company, Chicago, Ill., a Corporation of Illinois. Filed Nov. 29, 1926, Serial No. 151,431. 18 Claims. (Cl. 238-330.)

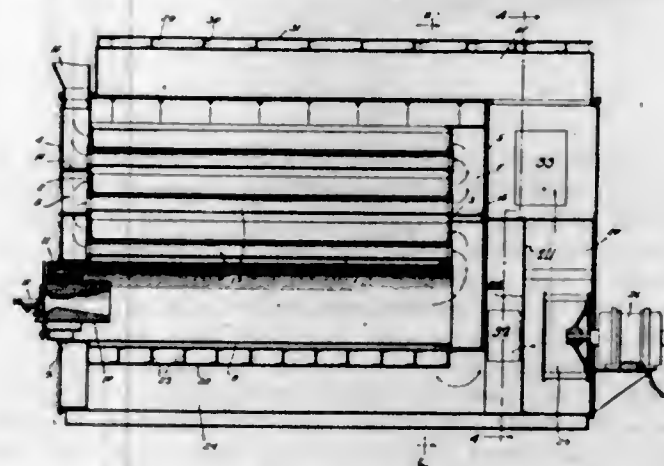
1. A rail anchor comprising a body formed at one end with means for engaging the edge of the rail base at one side of the rail and provided at the other end with jaws

adapted to be driven into gripping engagement with the rail base at the other side of the rail; said jaws being disposed out of alignment with each other whereby move-



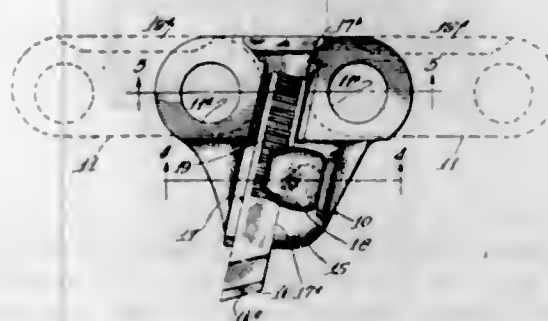
ment of said jaws to their operative positions distorts the anchor and exerts spring pressure upwardly at the other end of the anchor.

1,644,180. DIRECT-AIR HEATER. WALTER B. CROAN, Chicago, Ill., assignor to Drying Systems, Inc., Chicago, Ill., a Corporation of Illinois. Filed Feb. 6, 1926, Serial No. 86,460. 3 Claims. (Cl. 126-104.)



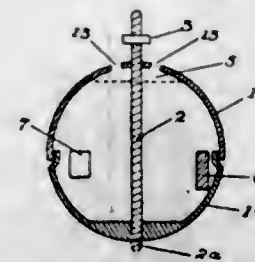
1. In a direct air heater, a heating chamber, a shell around the sides and over the top of the heating chamber forming a heat insulating space closed at the ends and open at the bottom, and means for circulating air upwardly through the insulating space and then downwardly through the heating chamber to prevent loss of heat in the heating chamber.

1,644,181. CUTTER CHAIN. CHARLES E. DAVIS, Chicago, Ill., assignor to Goodman Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed Mar. 17, 1923, Serial No. 625,909. 3 Claims. (Cl. 262-33.)



1. In combination with a cutter bit, a chain block comprising a body provided with a recess opened throughout its length to one side of said body and adapted to receive said bit in lateral engagement therein, a clamping device extending transversely through said body for retaining said bit in said recess, a nut having threaded engagement with said clamping device on the opposite side of said body for adjusting the extension of said clamping device, and a projection on said body forwardly of said nut for protecting the latter from abrasion.

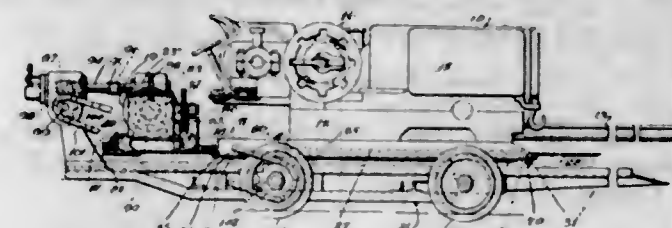
1,644,182. TOY TOP. OWEN R. DAILY, Davenport, Iowa. Filed Mar. 7, 1927, Serial No. 173,480. 8 Claims. (Cl. 46-32.)



1. An automatically inverting top comprising a substantially globular body carrying unevenly distributed weight around its horizontal circumference.

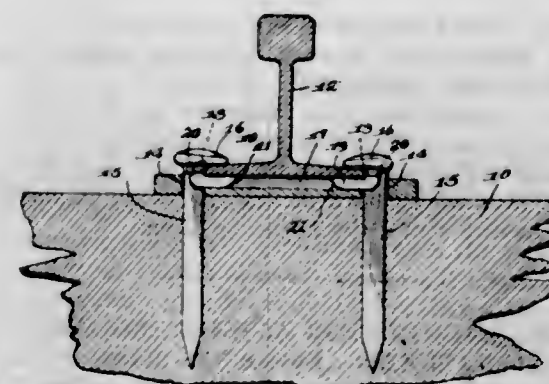
2. An automatically inverting top comprising a substantially globular body carrying unevenly distributed weight around its horizontal circumference, with additional weight secured approximately at one of the poles thereof.

1,644,183. MINING MACHINE. EDWARD J. DOBERSTEIN, Blue Island, Ill., assignor to Goodman Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed Sept. 24, 1923, Serial No. 664,359. Renewed Mar. 3, 1927. 6 Claims. (Cl. 262-30.)



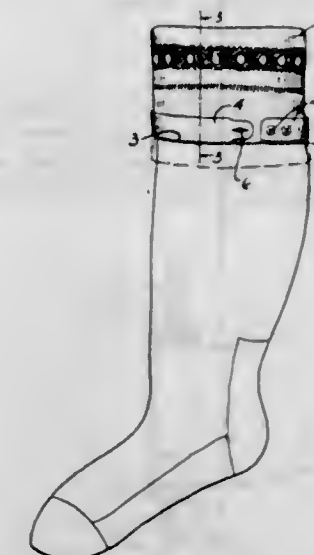
1. In combination with a cutting mechanism having a flexible draft feeding means, and an actuator for operating the same, of a supporting skid upon which said cutting mechanism may be carried having auxiliary flexible draft means thereon, and an independent actuator for said draft means.

1,644,184. RAIL-SECURING DEVICE. EDWARD W. FERGUSON, Ogdensburg, N. Y. Filed Dec. 28, 1926, Serial No. 157,548. 8 Claims. (Cl. 238-295.)



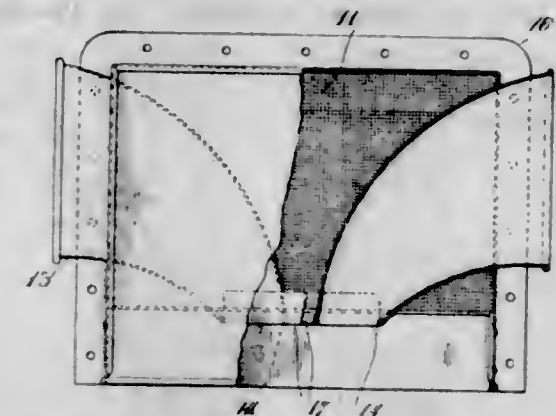
1. A rail securing device in combination with a rail and tie, comprising a plate arranged between said tie and rail and having openings extending therethrough, spikes adapted to be driven into said tie through said openings in said plate until the heads of said spikes engage over the flange of said rail, and means on said spikes adapted to engage said plate and be turned under said rail during driving of said spikes.

1,644,185. GARTERED HOSIERY. PHILIP A. FISCHER, New York, N. Y. Filed Aug. 6, 1923, Serial No. 655,844. 13 Claims. (Cl. 2-240.)



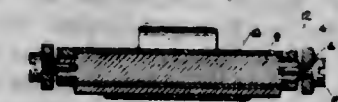
1. The combination of a stocking, means attached to the stocking and swingable up and down about the point of attachment, for imposing a circumferential restricting force on the stocking, and means for varying the effective length of said first mentioned means.

1,644,186. VEHICLE VENTILATOR. JEREMIAH T. FITE, Springfield, Mo. Filed Nov. 14, 1925, Serial No. 69,005. 1 Claim. (Cl. 98-20.)



A vehicle ventilator comprising a casing having a top, side and end walls, its inner side being open for the major portion of its vertical extent, means for securing said casing to the side wall of a vehicle about an opening therethrough, said casing having its bottom open and unobstructed, a trumpet shaped air flue entering through each end wall of the casing, the larger ends of said flues projecting beyond the ends of the casing, the smaller ends of the flues terminating independently within the chamber at a plane above the bottom of the casing and slightly below the inner side wall opening, said smaller ends being spaced apart and spaced from the walls of the casing and being directed downward toward the bottom of the casing.

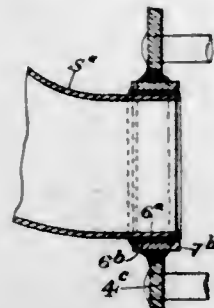
1,644,187. SAFETY RAZOR. CLARENCE H. HAPGOOD, Toledo, Ohio. Filed Sept. 21, 1923, Serial No. 663,996. 12 Claims. (Cl. 30-12.)



1. A safety razor having a holder frame, a blade carrier pivoted therein, a beveled edge blade adapted to be secured in the carrier with the beveled edge portion of the

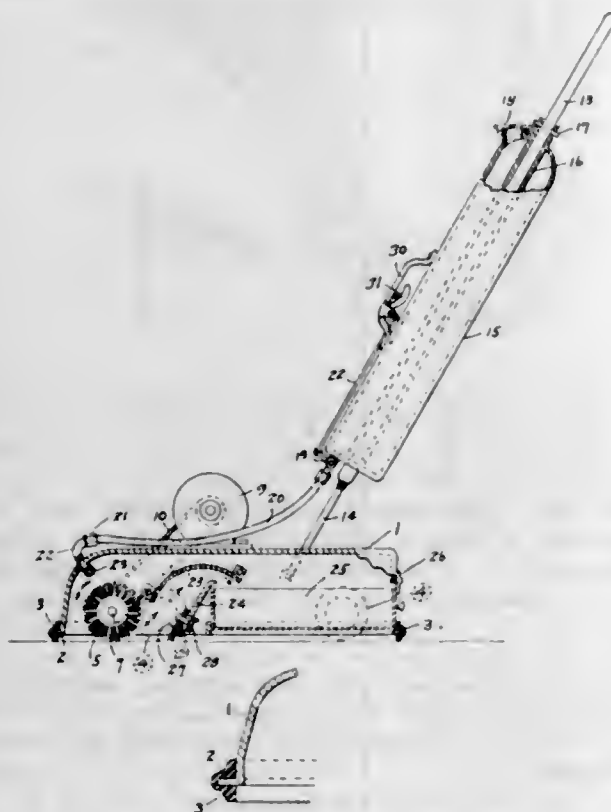
blade tangential to the periphery of the hub portion of the blade carrier, and a detachable guard plate arranged to engage the frame, the carrier, and the sides of the blade to secure the blade and carrier in predetermined angular relation to the holder frame.

1,644,188. TUBE CONNECTION. CHARLES GILBERT HAWLEY, Chicago, Ill., assignor to Locomotive Fire-Box Company, Chicago, Ill., a Corporation of Delaware. Filed June 21, 1922. Serial No. 570,038. 3 Claims. (Cl. 285-47.)



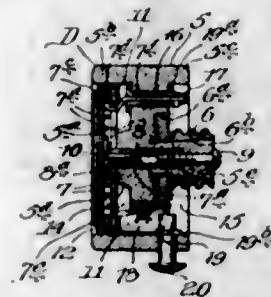
1. In combination with a fire box sheet having an opening therein, a tubular member having an end extending therethrough, a ferrule of relatively soft metal snugly fitting upon said end of said tubular member, and a heavy, relatively hard metal ring embracing said ferrule and lodge thereon and rigidly attached in said opening in said fire box sheet.

1,644,189. ELECTRIC SCRUBBING MACHINE. ROYAL E. HENDRICKS, San Francisco, Calif. Filed Feb. 25, 1926. Serial No. 90,508. 3 Claims. (Cl. 15-50.)



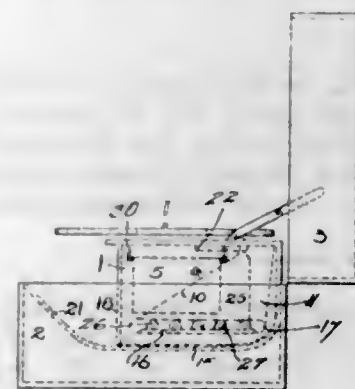
1. In an electric scrubbing machine of the character described, a casing closed at the sides and open at its under side, means within the casing for scrubbing the floor comprising a revolving cylindrical brush extending across the casing, means for feeding water to the brush, an upwardly and rearwardly slanted guard plate secured across the casing at the rear of the brush, a rubber squeegee strip adjustably mounted on said plate, and a rearwardly slidable water receiving tray adapted to slide with its forward edge under the upper edge of said guard plate.

1,644,190. IGNITION DEVICE. WOLFGANG HERMANN, Chicago, Ill., assignor to Metal Specialties Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed Sept. 20, 1924. Serial No. 738,956. 2 Claims. (Cl. 219-32.)



1. A device of the character set forth comprising an insulation disk equipped with front and rear flanges and affording front and rear chambers, a metallic socket member projecting from the central rear portion of said body, said socket member being provided with a taper bore, insulation material in said bore, a central terminal extending through said body and through the insulation in said socket member, an eccentric metallic insert extending through said insulation body, a resistance element mounted in the front chamber and having an inner extremity connected with said central terminal and an outer extremity connected with said eccentric insert, and a circuit closing device mounted in the rear chamber and adapted to effect closing of the circuit between said eccentric insert and said socket member.

1,644,191. AMPLIFIER. HARLEY M. JOHNSON, River Rouge, Mich. Filed Nov. 13, 1924. Serial No. 749,724. 5 Claims. (Cl. 181-27.)

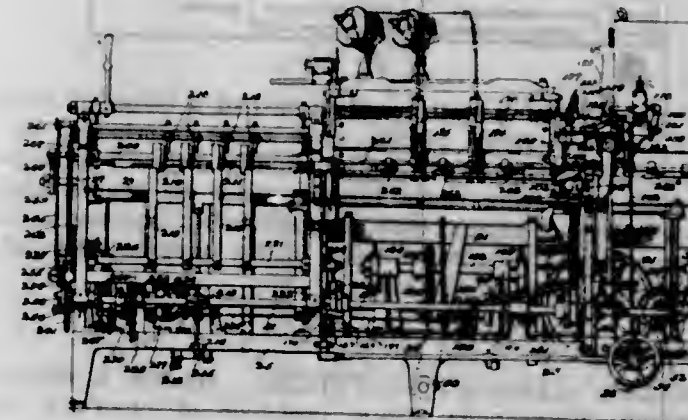


1. In a sound amplifier, the combination of a throat member, downwardly inclined diverging passages open on their undersides dependently connected to said throat member, a transverse wall supported by the inner adjacent sides of said diverging passages towards their lower ends, said transverse wall forming the top of a lower chamber into which both of said passages discharge, and a front having sound discharge openings.

1,644,192. MACHINE FOR ASSEMBLING AND STITCHING SIGNATURES. EDWARD R. KAST, Pearl River, N. Y., assignor, by mesne assignments, to Dexter Folder Company, New York, N. Y., a Corporation of New York. Filed Nov. 8, 1922. Serial No. 599,701. 40 Claims. (Cl. 270-53.)

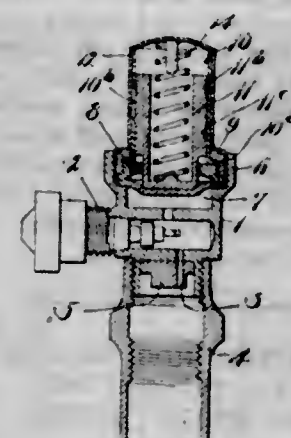
1. In a device of the character described, the combination of a support along which signatures are progressed, a calliper element engaging said signatures on said support, a shaft rotatable from said calliper element upon the passage of a defective hook, stitching mechanism operating on said signatures as they are progressed along the support, delivery mechanism provided with

means for separating the good from the bad books, connections between said shaft and stitching mechanism for disconnecting the latter upon the passage of a defective



book, and independent connections between said shaft and delivery mechanism for separating the good from the bad books.

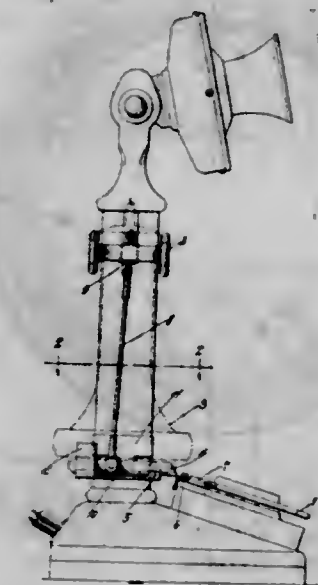
1,644,193. VISUAL DEFLATION SIGNAL FOR TIRES. JOHN E. KENNEDY and MICHAEL A. KENNEDY, Los Angeles, Calif. Filed July 13, 1925. Serial No. 43,082. Renewed Feb. 15, 1927. 2 Claims. (Cl. 116-84.)



2. In a tire deflation visual signal adapted for permanent attachment to and communication with a pneumatic tire, the combination of a hollow body forming a compressed air chamber in communication with the interior of the tire, a piston casing secured to the open end of said body, an air-sealing and pressure transmitting diaphragm of soft pliable fabric normally opposing no inherent resistance to movement under air pressure, a slidable tubular piston whose closed lower end seats against said diaphragm, a compression spring mounted inside said piston to exert opposite thrust against the bottom thereof and against the inner end of the piston casing, said piston being provided near its inner end with an external band conspicuously visible at a distance in contrast with the exterior of the surrounding casing, the casing being provided with a lateral opening at a distance from its inner end arranged to expose said signal band when the tire is partially deflated below normal pressure, substantially as described.

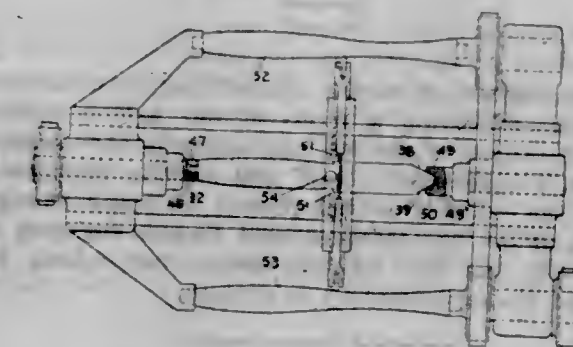
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1,644,194. TELEPHONE LATCH. JAMES KRIVE, St. Louis, Mo. Filed Aug. 16, 1926. Serial No. 129,401. 6 Claims. (Cl. 179-90.)



1. The combination with the hook and the dial of a dial telephone instrument, of a latch operative into and out of engagement with the dial, and a connection operated by the hook for operating the latch to and from engagement with said dial simultaneously with the operation of the hook.

1,644,195. METHOD OF PRODUCING WOODEN ARTICLES. MARSHALL B. LLOYD, Menominee, Mich. Filed Jan. 11, 1923. Serial No. 612,089. 2 Claims. (Cl. 144-309.)

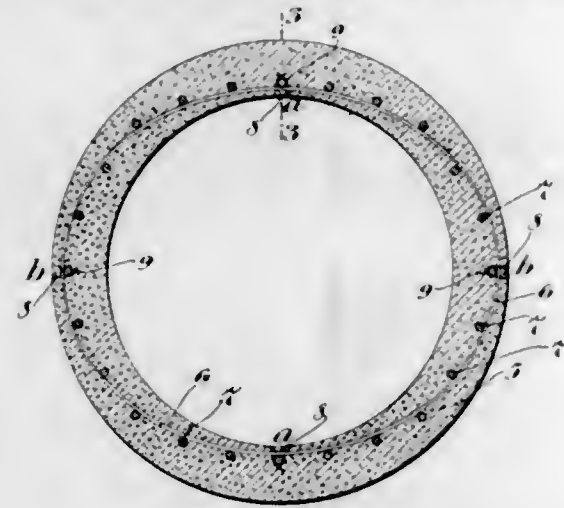


1. The method of producing vehicle wheel spokes that consists in providing a spoke blank, in forming an annular groove in one end of the blank to define a tenon within said end, in forming the other end of the blank to provide the butt end of the spoke, and then shaping the body of said spoke from between said ends and during the shaping, removing the material from the first mentioned end of the blank to expose the tenon.

1,644,196. REINFORCED-CONCRETE PIPE. DWIGHT W. LONGFELLOW, Elk River, Minn., assignor to Elk River Concrete Products Company, Elk River, Minn., a Corporation of Minnesota. Filed Mar. 9, 1925. Serial No. 14,062. 1 Claim. (Cl. 72-51.)

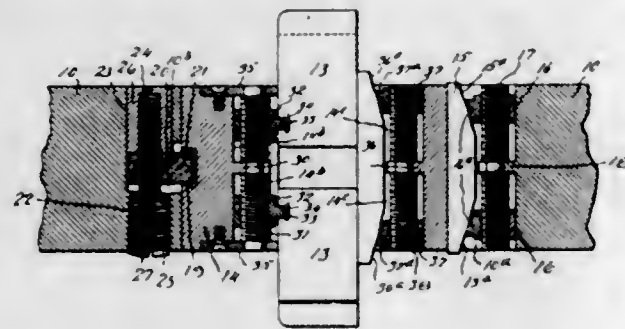
A concrete pipe having a truly cylindrical cross section and imbedded in said pipe a metallic reinforcement of elliptical form so disposed as to closely approach the interior of the pipe at the vertical axis of its cross section and to closely approach the exterior of the pipe at

the horizontal axis of its cross section, and combined spacing and marking blocks imbedded in the pipe at certain points where the reinforcement most closely ap-



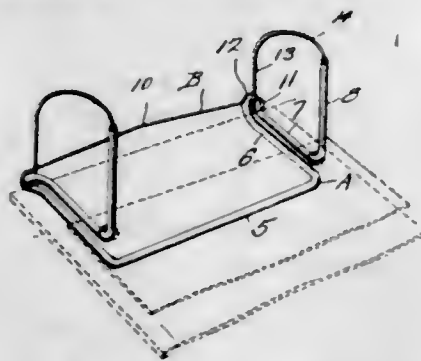
proaches the surface of the pipe, some of said combined spacing and marking devices being at the exterior and some at the interior thereof.

1,644,197. BORING BAR. JOHN M. MARTY, Jr., Cleveland, Ohio, assignor to The Kelly Reamer Company, Cleveland, Ohio, a Corporation of Ohio. Filed May 10, 1922. Serial No. 559,918. 2 Claims. (Cl. 77-58.)



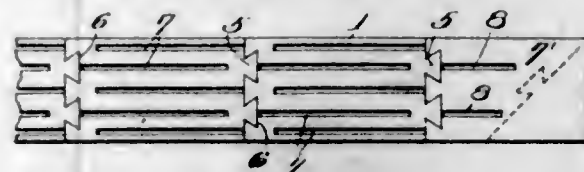
1. The combination with a slotted bar, of a block arranged therein having a recess at one end, a locating key nut arranged in the bar and engaging the recess in the block, a differential screw, and bushing arranged in the bar, the coarse threaded portion of screw engaging the bar and the fine threaded part thereof engaging the locating key nut and bushing, means for locking said block, and blades carried by said block.

1,644,198. FILE CLIP. WILLIAM J. MILETTE, Winnipeg, Manitoba, Canada. Filed Sept. 4, 1924. Serial No. 735,958. 4 Claims. (Cl. 129-8.)



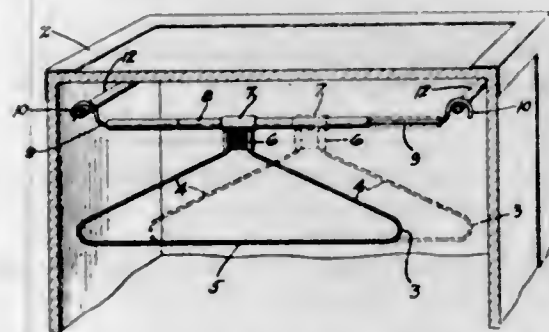
3. A device of the character described comprising a clip member including a horizontal U-shaped body, the side portions of the body being doubled over for resilient connection with a base-board, and a file member pivotally associated with the said clip member.

1,644,199. WALL BOARD AND METHOD OF FORMING THE SAME. FRANK J. MOORE, North Tonawanda, N. Y. Filed Oct. 5, 1917, Serial No. 194,979. Renewed Mar. 3, 1926. 4 Claims. (Cl. 20-4.)



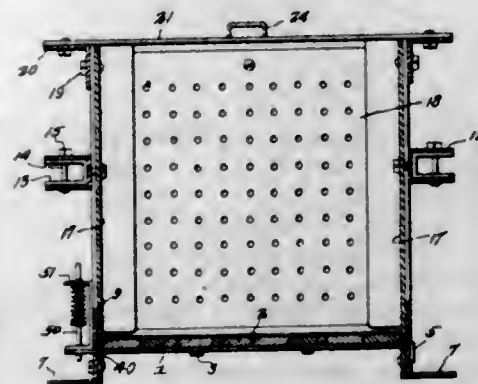
1. An insulating wall board formed of a series of parallel arranged strips having their edges interlocked together, said strips having longitudinally disposed grooves in their contacting edges forming dead air spaces, the grooving in one edge of each strip extending into the body thereof beyond the termination of the grooving formed in the other edge of the strip.

1,644,200. GARMENT SUPPORTER. HATTIE R. OVENSHIRE, Minneapolis, Minn., assignor of one-third to Charles E. Ovenshire and one-third to Donald Dee, Minneapolis, Minn. Filed Feb. 3, 1926. Serial No. 85,707. 5 Claims. (Cl. 223-62.)



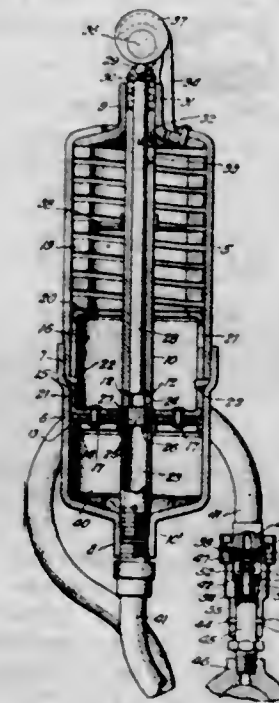
4. A device of the class described, comprising a tubular member having a hanger frame rigidly connected thereto, and a pair of rod-like elements telescopically engaged in said tubular member from opposite ends, each rod having a terminal hook adapted for sliding attachment to a support, the terminal portions of said telescopic supporting elements, when attached, being separated by a distance substantially greater than the length of the tubular member, to permit translatable adjustment of the tubular member thereon in either direction.

1,644,201. COMBINED HOG LEADER AND CRATE. JOHN PALLAS, Jr., Thurston, Nebr. Filed Apr. 19, 1926. Serial No. 103,170. 4 Claims. (Cl. 119-93.)



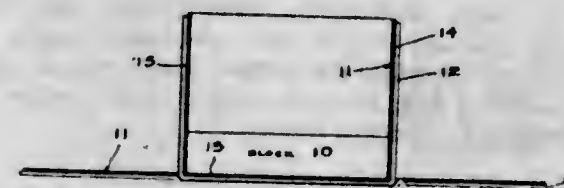
1. A device of crate character comprising spaced side portions, a removable floor, disposed between said side portions, said floor composed of side by side section, flexibly connected together and having loops at its under side, transverse bars removably arranged within and extending between the side portions and also extending through the loops on the floor, and means appurtenant to one side portion for engaging said bars and detachably securing the same in working position.

1,644,202. LUBRICATING SYSTEM. EARL F. PIERCE, Chicago, Ill., assignor to The Bassick Manufacturing Company, Chicago, Ill., a Corporation of Delaware. Filed July 30, 1923. Serial No. 654,685. 8 Claims. (Cl. 221-47.4.)



7. A lubricating apparatus comprising a lubricant reservoir, pump means associated therewith for creating a supply of lubricant under pressure, a discharge conduit having a coupling adapted to form a lubricant tight seal with the lubricant receiving nipple, and means carried by said reservoir for making a detachable connection with power driven means for actuating said pump.

1,644,203. METHOD OF PRODUCING BOXES OR SHIPPING CASES FROM MULTIPLY VENEERED PANELS. HENRY V. POINTER, San Francisco, Calif., assignor to Universal Veneer Products Company, San Francisco, Calif., a Corporation of California. Filed Mar. 9, 1926. Serial No. 93,406. 2 Claims. (Cl. 144-309.)

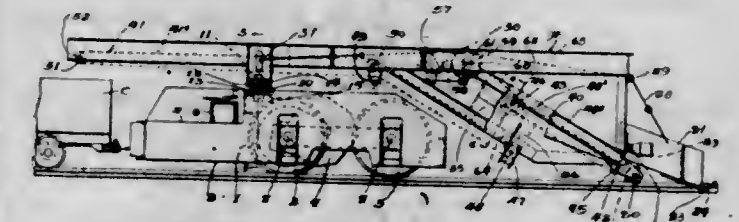


1. The method of producing a veneered receptacle, which consists of, first, producing a blank of waterproof-glued veneered wood multi-ply material and slitting the same to permit forming the bottom, sides and ends of the receptacle, then steaming said blank to render it pliable, next placing said steamed blank upon a form with metal straps thereabout and bending straps and blank together about said form, with ends in overlapped relation, and, thereafter, removing said form and straps from the shaped blank and securing said overlapped ends together.

1,644,204. MATERIAL-GATHERING MACHINE. THOMAS E. PRAY, Chicago, Ill., assignor to Goodman Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed Dec. 26, 1924. Serial No. 758,038. 2 Claims. (Cl. 198-7.)

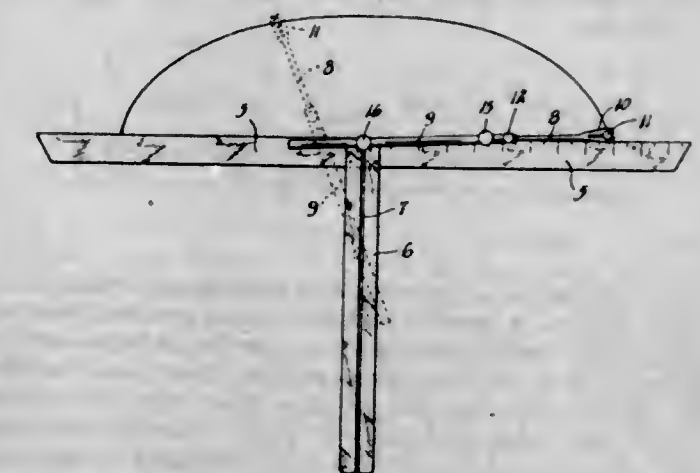
1. In an apparatus of the class described, a frame having supporting means for pivotally mounting the same upon a locomotive, said frame having a scoop on the

front end thereof, a pair of conveying devices for elevating the material from said scoop extending rearwardly over and to one side of said locomotive for discharging at



the rear end thereof, one of said conveying devices having greater width than the other and extending laterally beyond the marginal limits of said locomotive, and a motor carried by said frame for operating said devices.

1,644,205. ELLIPSOGRAPH. OLAF RETTEDAL and NELS JOSEPH NELSON, Minneapolis, Minn. Filed Oct. 11, 1924. Serial No. 743,104. 1 Claim. (Cl. 33-31.)



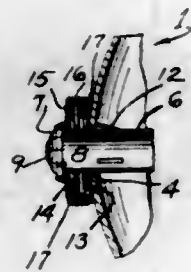
An ellipsograph comprising a substantially flat member having an elongated rectilinear guide and having a groove extending from the mid-point of said guide and at right angles thereto, a hollow scribing arm, a pin slidable on said arm and adapted to engage said rectilinear guide, means for rigidly securing said pin with said scribing arm, a second pin mounted on said scribing arm adapted to engage said groove and a scriber carrying member adapted to telescope within said scribing arm.

1,644,206. BUTTON ANCHOR. FRED SPICK, Jefferson, Iowa. Filed May 27, 1926. Serial No. 112,025. 4 Claim. (Cl. 24-90.)



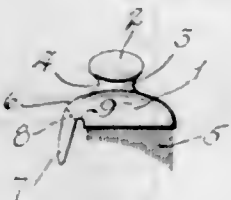
As a new article of manufacture, a button anchoring and retaining device comprising a single length of wire and having its opposite end portions bent upon themselves at opposite directions, and terminating adjacent the center of the body portion in a pair of oppositely disposed threads receiving eyes.

1,644,207. LIGHT INDICATOR FOR REFLECTOR LAMPS. ALEXANDER ST. CLAIRE, Los Angeles, Calif. Filed Sept. 14, 1925. Serial No. 56,198. 4 Claims. (Cl. 240-41.)



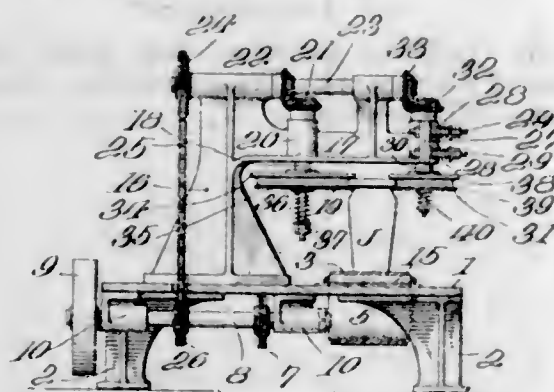
1. The lamp indicating appliance set forth comprising a bushing provided with a translucent lens and with retainers adapted to engage a lamp casing through which the bushing may be inserted; a locking plate and cap telescoping with each other on the bushing; and means to yieldingly hold the cap and locking plate apart.

1,644,208. COMBINATION HAIR COMB AND BRUSH. HUGH STEPHENS, JR., Winnipeg, Manitoba, Canada. Filed Jan. 25, 1926. Serial No. 83,633. 1 Claim. (Cl. 132-88.)



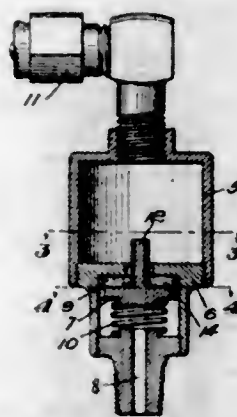
A combination hair comb and hair brush comprising a body portion, a handle portion, a neck portion securing said handle portion to said body portion, bristles on the opposite face of said body portion from said handle, the bristles on one side of said face being of greater length and being progressively shorter toward the other side, the ends of the bristles being arranged to form an arc to conform with the shape of the head and an integral comb portion carried by the body portion on the side bearing the shorter bristles, the teeth of said comb portion being inclined angularly with respect to the bristles and being spaced from the bristles, said body portion having a groove at the base of the comb extending from one end of the comb to the other.

1,644,209. JAR-CLOSING MACHINE. THOMAS L. TALIAFERRO, Chicago, Ill. Filed Feb. 8, 1923. Serial No. 617,794. 13 Claims. (Cl. 226-87.)



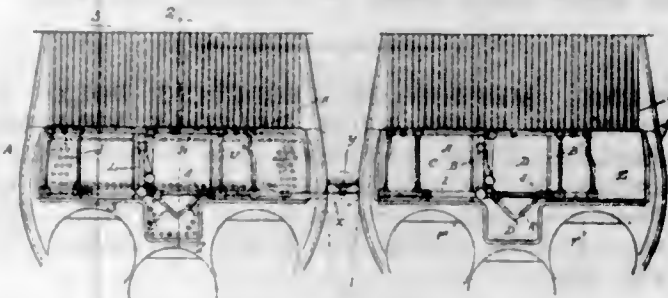
1. A jar closing machine comprising a horizontally traveling carrier, spaced spinning rolls disposed above said carrier so as to engage the flange of a jar closure presented to said spinning rolls by said carrier at diametrically opposite points, said spinning rolls having inclined faces adapted to turn the lower edge of the flange of the closure underneath the shoulder on the jar neck, and means for rotating said rolls in the same direction.

1,644,210. OIL CUP. PRESTON UPHAM, Brookline, Mass., assignor, by mesne assignments, to The Bassick Manufacturing Company, Chicago, Ill., a Corporation of Delaware. Filed Feb. 1, 1923. Serial No. 616,278. 3 Claims. (Cl. 184-64.)



1. A lubricant cup including a reservoir, a quick detachable connection secured to said reservoir for engagement by a lubricant gun, lubricant pressure-operated valve means normally permitting only a restricted flow of lubricant from said reservoir to a part to be lubricated, but adapted to be reciprocated to permit flow of lubricant under greatly increased pressure from said reservoir to the part to be lubricated.

1,644,211. BOILER CLEANER. HOWARD M. VARIAN, Detroit, Mich., assignor, by mesne assignments, to Diamond Power Specialty Corporation, Detroit, Mich., a Corporation of Michigan. Filed May 29, 1919, Serial No. 300,638. Renewed Dec. 5, 1925. 5 Claims. (Cl. 122-391.)



1. In a boiler cleaner, the combination with a reciprocating cleaner member, of a swivelled supply connection to said reciprocating member, and a second cleaner member mounted on a movable portion of said swivel supply connection and rocked thereby.

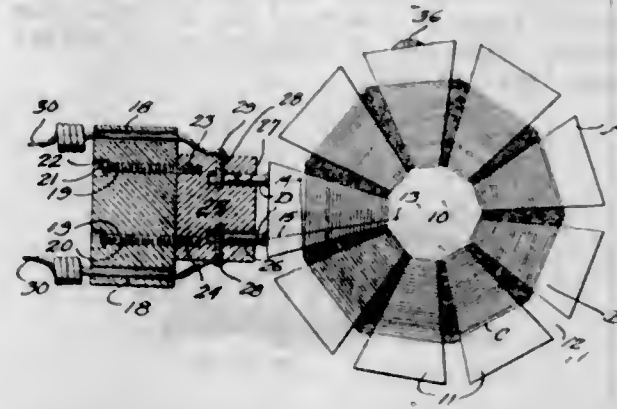
1,644,212. FARROWING HOUSE FOR SOWS. CLARENCE F. WALSH, Dickens, Iowa. Filed Jan. 11, 1926. Serial No. 80,513. 3 Claims. (Cl. 119-16.)



1. In a house of the class described, a circular, resilient wall having a door opening extending from its top to its bottom, members projecting from the ends of the wall across the door opening having overlapping adjustably connected ends, whereby the wall may be ad-

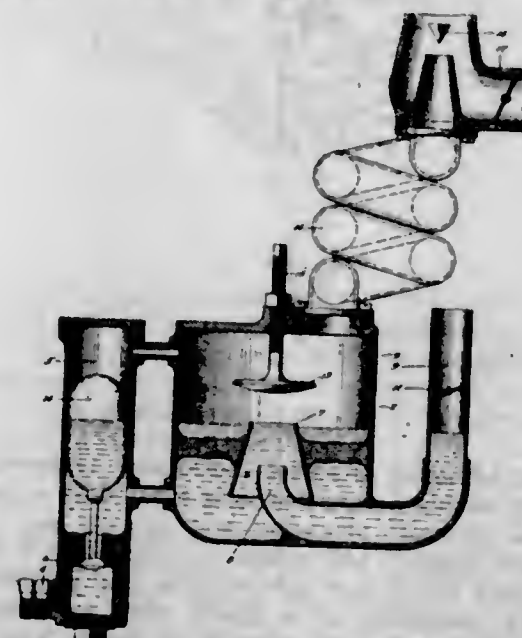
justed to different circumferences, a cone-shaped top having at its bottom an in-turned flange, said wall being provided at its top with an out-turned flange, whereby when the top is placed on the wall and the wall is contracted and then expanded, the flanges will interlock, and said members may be fastened together for holding the parts in locked position.

1,644,213. MOUNTING FOR INDUCTANCE COILS. ABRAHAM M. WEINKLE, Jacksonville, Fla. Filed Aug. 15, 1923. Serial No. 657,569. 2 Claims. (Cl. 171-119.)



1. In an inductance coil mounting the combination of an insulation base providing a pair of spaced transverse passageways therethrough, a socket of insulation material providing a pair of socket openings therein, means hingedly mounting the socket member at a side of said base and between said passageways, terminal screws carried at opposite sides by said socket member one adjacent each of said base passageways, wires extending through said passageways of the base in loose relation therein from one side of the base and exiting at the other side of said base for attachment to said terminal screws, said terminal screws intersecting and entering the socket openings in said socket member, and a coil including a pair of plugs adapted for detachable entrance in the socket openings of said socket member for engaging said terminal screws.

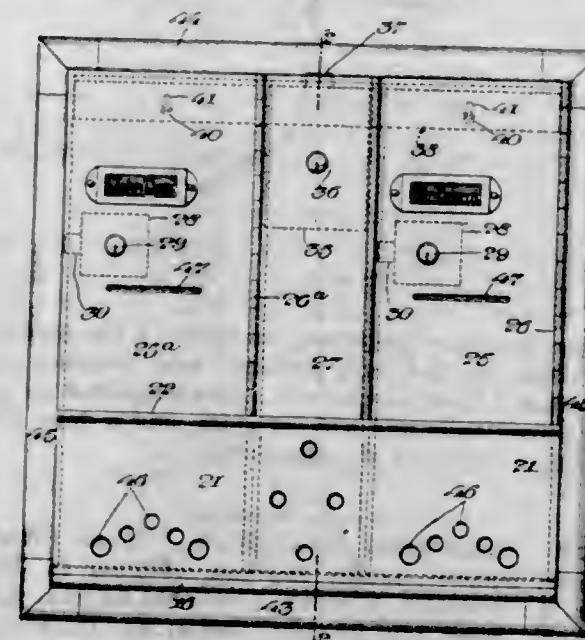
1,644,214. CARBURETOR. ERIC HJALMAR WESTLING, Redwood City, Calif. Filed June 12, 1922. Serial No. 567,732. 1 Claim. (Cl. 261-121.)



A carburetor comprising a cylindrical container provided midway between its top and bottom with an inverted funnel carried by a web member integral with said container, a U-shaped conduit integral with said container, one end of which terminates within said inverted funnel while the other end is connected to an upstand-

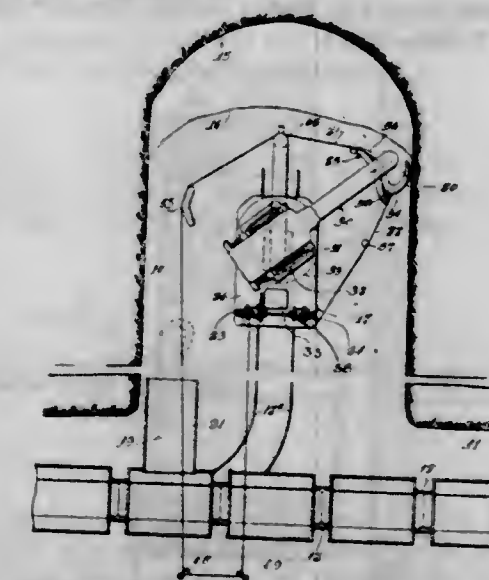
ing intake pipe adjacent said container, a baffle plate disposed above said inverted funnel and adjustably secured to the top of the container by means of a threaded stem operable from without the container, a constant level liquid intake means, and a helical discharge conduit extending from the top of said container.

1,644,215. SECTIONAL-BOX MECHANISM. HENRY WILHELM, Brooklyn, N. Y. Filed Aug. 15, 1924. Serial No. 732,163. 25 Claims. (Cl. 232-24.)



17. A device for holding mail comprising a casing adapted to be secured in a wall by fastenings inserted from inside the casing, a receptacle mounted in said casing and having a plurality of mail receiving compartments therein, said casing having an opening in the front thereof to receive said receptacle, hinge means enclosed in said device and connecting the front part of said receptacle with said casing at the lower side of said opening and comprising separable members permitting the mounting of the receptacle in its normal position in the casing after the casing has been secured in a wall, and means for locking said receptacle in its closed position.

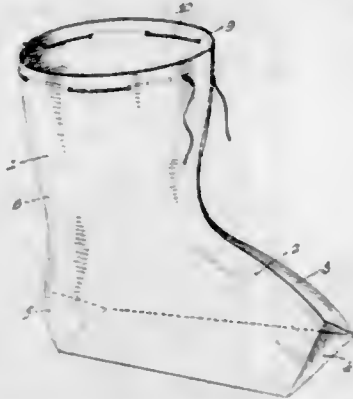
1,644,216. MINING MACHINE. ROBERT J. WOOD, Twin Branch, W. Va., assignor to Goodman Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Original application filed Mar. 17, 1923, Serial No. 625,752. Divided and this application filed Dec. 28, 1923, Serial No. 683,117. Renewed May 2, 1927. 6 Claims. (Cl. 262-28.)



1. In a cutting and loading apparatus, in combination with a scraper having draft means for reciprocally moving the same, a kerf cutting machine provided with an an-

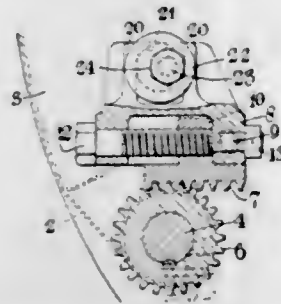
gularly movable cutting element, and a bearing member for the scraper detachably connected with said cutting element.

- 1,644,217. SPORT OVERSHOE. WILLIAM B. WREFORD, Detroit, Mich. Filed Dec. 23, 1926. Serial No. 156,708. 1 Claim. (Cl. 36-5.)



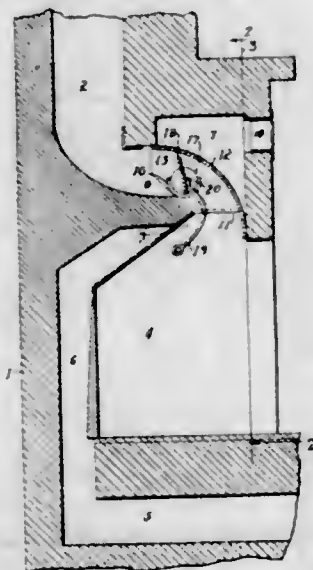
A paper overshoe comprising an upper, a toe portion, a flat sole and tip and heel portions, said overshoe being formed from a blank shaped and edges connected so as to provide a rear seam and a front ridge, and a draw string in the upper adjacent its upper edge.

- 1,644,218. PRINTING MACHINE. FRED WESLEY WRIGHT, Hunslet, Leeds, England, assignor to George Mann & Company, Limited, Larchfield Works, Leeds, England. Filed Jan. 26, 1927, Serial No. 163,810, and in Great Britain Feb. 1, 1926. 6 Claims. (Cl. 101-415.1.)



1. A blanket tensioner for printing machines, comprising in combination, a blanket carrier; a blanket bar rotatable on said carrier; means for rotating said bar; together with means for engaging and disengaging said bar-rotating means at will.

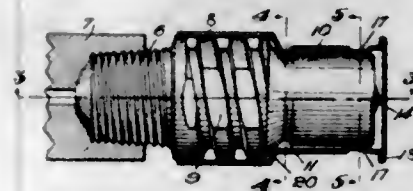
- 1,644,219. FIREPLACE. GEORGE D. ALFORD, San Jose, Calif. Filed Apr. 22, 1926. Serial No. 103,851. 1 Claim. (Cl. 126-288.)



In a fire place of the character described, a throat piece comprising a curved upper wall and two end walls, the

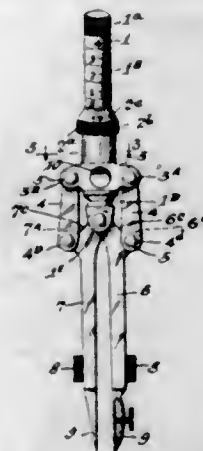
two end walls having opposed semi-circular ribs formed thereon, and a damper plate having disc shaped plates formed on its ends and adapted to seat in said sockets, the said damper having a portion of each end projecting transversely to and beyond the periphery of the adjacent disc plate, and a handle mounted on said damper plate and extending downwardly and angularly relative thereto to substantially counterbalance the same.

- 1,644,220. LUBRICANT-RECEIVING NIPPLE AND CAP THEREFOR. ANDREW G. ANDERSON, Wollaston, Mass., assignor, by mesne assignments, to The Bassick Manufacturing Company, Chicago, Ill., a Corporation of Delaware. Filed Feb. 1, 1923. Serial No. 616,315. 4 Claims. (Cl. 184-88.)



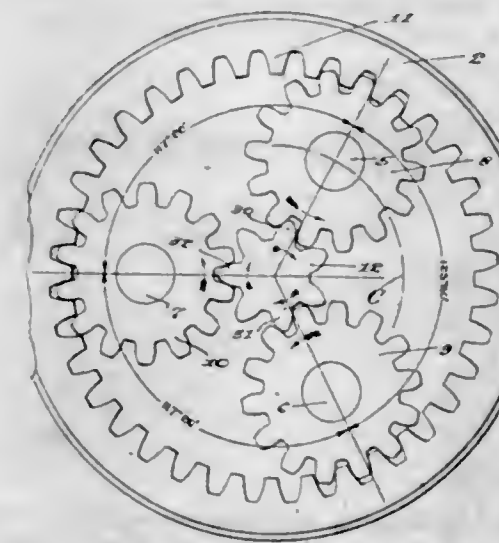
4. A cap for lubricant receiving nipples comprising a closed end portion, a skirt portion connected therewith, a second skirt portion larger than said first mentioned skirt portion and forming a continuation thereof, a cap-retaining depression adjacent the juncture of said skirt portions, and a second depression adapted to prevent rattling of said cap on said nipple.

- 1,644,221. SELF-ADJUSTING DRAWING INSTRUMENT. JOSEPH M. ANGELETTI, New York, N. Y. Filed Sept. 14, 1925. Serial No. 56,277. 6 Claims. (Cl. 33-156.)



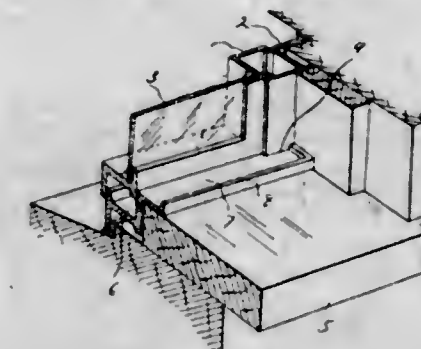
1. A self-adjusting drawing instrument comprising a rod support having a threaded cylindrical wall, a pair of legs, means pivotally mounting said legs on one of the ends of said support and means for imparting a simultaneous radial and rotary movement to said pivoted legs, said means consisting of a sleeve with an interiorly threaded cylindrical wall adapted to screw along the threads of said support, a crosshead swiveled on said sleeve, a pair of links each pivotally connected to the crosshead and to its respective pivoted leg, a collar member on said sleeve adapted to allow the operator to hold said sleeve with one hand while the support with the legs are being revolved with the other hand.

- 1,644,222. PLANETARY REDUCTION GEAR. ERLE K. BAKER, Detroit, Mich., assignor to Baker Reduction Gear Company, Detroit, Mich., a Corporation of Michigan. Filed Jan. 8, 1923. Serial No. 611,265. 8 Claims. (Cl. 74-34.)



1. A planetary reduction gear embodying therein, an internal gear, an external gear disposed centrally therein, and a plurality of pinions so spaced around said external gear, and meshing therewith and with said internal gear, that one of said pinions has a meshing relation with said gears which is different from the meshing relation between another pinion and said gears.

- 1,644,223. WINDOW. GUSTAF IVAR BARCLAY, Detroit, Mich., assignor to Detroit Steel Products Company, Detroit, Mich., a Corporation of Michigan. Filed Aug. 9, 1926. Serial No. 128,206. 11 Claims. (Cl. 189-75.)

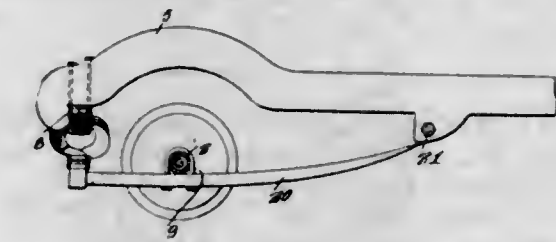


1. In a window, the combination of a sash and a frame having bars adapted to lie laterally adjacent to each other, one of said bars being provided with a shoulder laterally spaced from the other bar for preventing moisture flowing off said first-mentioned bar in a direction away from said second-mentioned bar.

- 1,644,224. SPRING SUSPENSION FOR VEHICLES. CLARENCE LETCHER BARDIN, Limestone, Fla. Filed May 12, 1924. Serial No. 712,669. 1 Claim. (Cl. 287-41.)

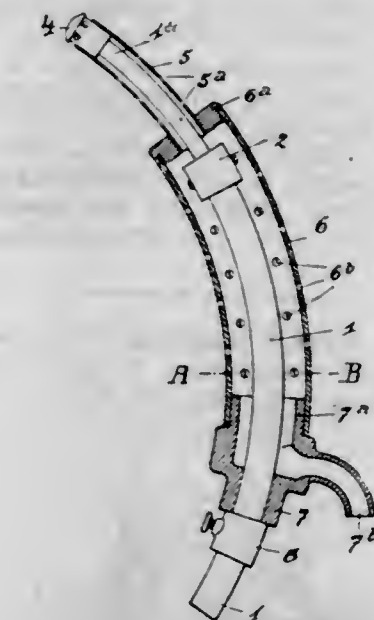
A vehicle spring embodying a pair of spring members, each of said spring members having one of its respective ends secured to the chassis of a vehicle at the side edges thereof and disposed transversely of the chassis, the opposite end of each spring extending downwardly and terminating at a point adjacent to the opposite

side of the chassis, bars having their forward ends pivotally connected to the side rails of the chassis and disposed in parallel relation with the side rails of the



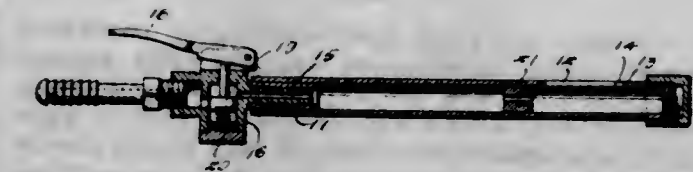
chassis for pivotally connecting the bars to the spring members, and means on the bars for securing an axle to the bars intermediate the ends of the bars.

- 1,644,225. SYRINGE. ADOLF BARTH, Munich, Germany. Filed Jan. 15, 1926, Serial No. 81,477, and in Germany Nov. 11, 1924. 2 Claims. (Cl. 128-240.)



1. Uterine syringe comprising liquid supplying means adapted to be introduced through the vagina into the uterus, a main discharge tube surrounding part of said supplying means, a separate drain tube of smaller diameter than said main discharge tube surrounding the end portion of said supplying means designed to be introduced in the uterus, a valve at the end of said end portion adapted to be closed by said drain tube, when said supplying means are displaced in axial direction and means for limiting such displacement.

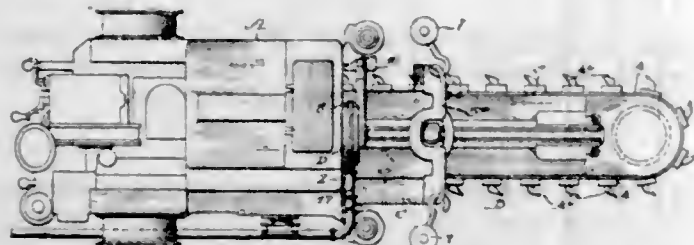
- 1,644,226. PORTABLE AIR JET FOR PAPER MACHINES. FRANK BEDARD, Flint, Mich. Filed Feb. 16, 1927. Serial No. 168,789. 1 Claim. (Cl. 92-38.)



A portable air nozzle for a paper making machine comprising a pipe having one end closed and a longitudinal slot in the said closed end, a conduit for compressed air connected to the other end of the pipe, a manually controlled valve in said conduit, and a block within the pipe, intermediate the closed end and the valve dividing

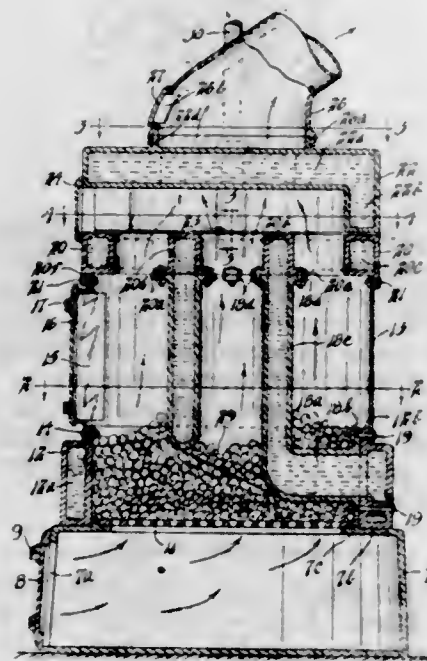
the interior of the pipe into two chambers, said block having a longitudinal opening of small diameter, said block serving to cause the air to accumulate within the chamber adjacent the conduit whereby to provide a constant stream of air of even pressure delivered to the second chamber and said slot.

1,644,227. MINING MACHINE. ALLAN B. BENEDICT, Chicago, Ill., assignor to Goodman Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed May 12, 1924. Serial No. 712,515. 3 Claims. (Cl. 262-30.)



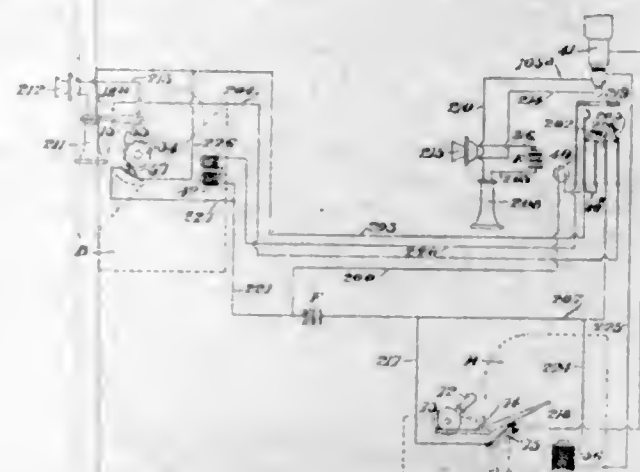
1. In a mining machine, the combination of a frame, a cutting element projecting horizontally from said frame and movable with the latter for cutting a kerf and removing cuttings therefrom, driving mechanism for said cutting element including an electric motor having an armature shaft, a rotary blower arranged coaxially with said motor and having a fan rotating with said armature shaft, and a pipe connected with said blower provided with an intake adjacent the path of said cutting element.

1,644,228. HOT-WATER HEATER. OLAF BJORKLUND, St. Paul, Minn. Filed June 5, 1926. Serial No. 113,956. 1 Claim. (Cl. 122-218.)



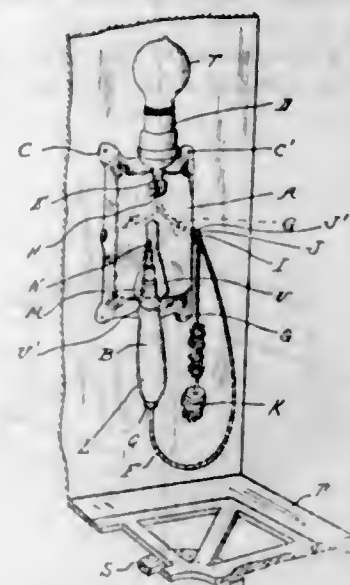
A hot water boiler and furnace having in combination a lower section including an annular water chamber forming the walls of a fire pot, an annular shell section above said lower section and forming the furnace walls, a central annular section forming an open topped annular water chamber spaced centrally from said two first mentioned sections, said central chamber having an enlarged arm disposed directly within the fire pot of the furnace and removably connected and communicating with said first mentioned chamber, and an upper section having a central open bottomed annular water chamber releasably secured to said central open topped chamber to close the same.

1,644,229. CREDIT-SLIP-AUTHORIZING APPARATUS. ABRAHAM BLOCK, San Francisco, Calif., assignor, by mesne assignments, to The National Cash Register Company, Dayton, Ohio, a Corporation of Maryland. Filed May 23, 1922. Serial No. 563,139. 28 Claims. (Cl. 179-2.)



1. A credit authorizing apparatus comprising a central station machine and a substation machine, means connecting said machines whereby certain information may be orally transmitted between the machines, means connecting said machines whereby received information may be visibly expressed, a salescheck printing mechanism in the substation machine, and means in the central station machine for actuating said printing mechanism.

1,644,230. ELECTRICAL LIGHTER FOR GAS STOVES. EDGAR P. BOGAN, Detroit, Mich. Filed Dec. 22, 1924. Serial No. 757,489. 2 Claims. (Cl. 175-116.)

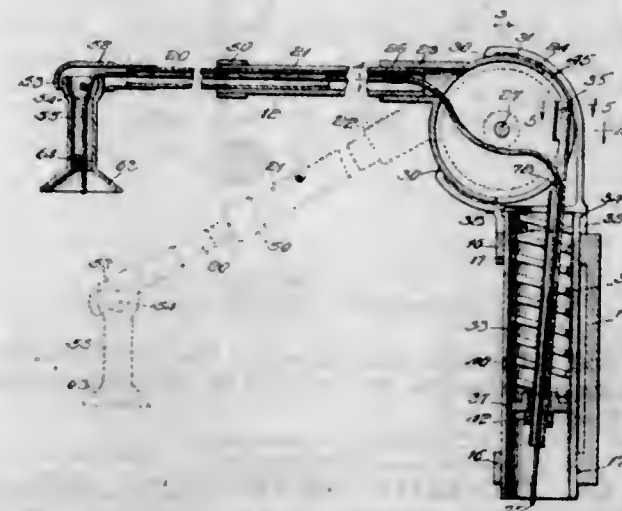


1. In an electrical lighter for gas stoves, the combination with an electrode mounted in an insulating handle, and connected by a flexible conductor to a source of electrical energy, of a bracket adapted to be attached to a wall by pierced legs or the like, said bracket having a raised central portion providing a space between the wall and said raised portion, an aperture in said raised portion adapted to receive said electrode, and means engageable with an enlarged portion of the insulating handle for supporting said electrode within said space.

1,644,231. LIGHT SUPPORT. HARRY J. BOSWORTH, Chicago, Ill., assignor to Harry J. Bosworth Company, Chicago, Ill., a Corporation of Illinois. Filed July 21, 1924. Serial No. 727,166. 2 Claims. (Cl. 248-9.)

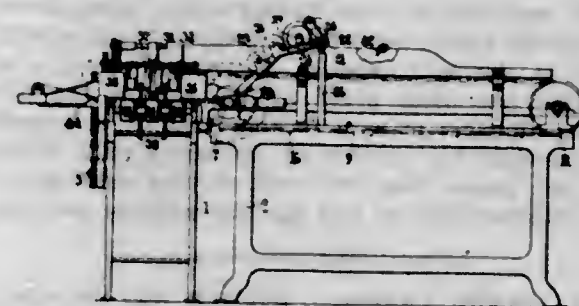
1. In a support of the character described, the combination of a mounting bracket having relatively fixed support, a hollow post journaled to turn in said bracket upon

a vertical axis, an extensible arm adapted for the reception at its outer end of an article to be supported and pivoted at its inner end upon a horizontal pivot carried by the upper end of said post for swinging movement about the horizontal axis of said pivot, friction means adjacent said pivot with externally exposed and quickly accessible means for adjusting said friction means for different extended and retracted conditions of said arm,



spring means confined within said hollow post and operatively associated with the pivoted end of said arm for counter-balancing said arm in a given extended position and in accordance with the weight of the article supported thereby and means accessible from the lower end of said post for adjusting said counter-balancing spring independently of the adjustment of said friction means to provide a spring counter-balancing action in accordance with the weight of the article supported by said arm.

1,644,232. PRINTING MACHINE. FRANK BRIDGES, Harrow, HENRY FIRMAN, Harrow Weald, HAROLD WILLIAM TISDALE, North Wembley, and BEN DEAN WARD ROSKINS, Wealdstone, England, assignors to William Richard Codling, London, England. Filed Feb. 4, 1926. Serial No. 85,980, and in Great Britain Feb. 5, 1925. 16 Claims. (Cl. 101-35.)

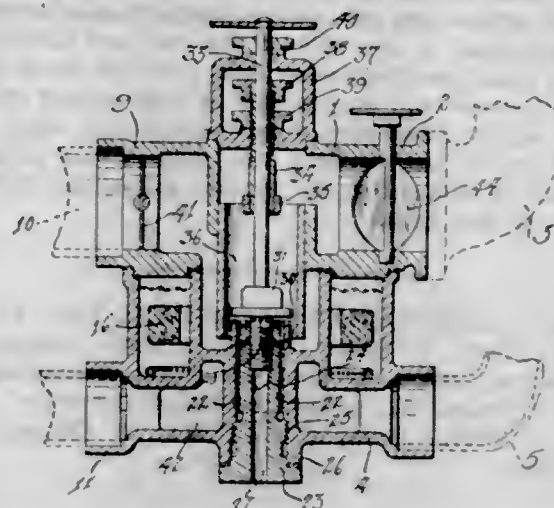


1. In a printing machine, a printing roller, means to feed a book past said roller with an edge directed thereto, means to cause said roller to print an impression on said edge during said movement, and means relatively to which the book is slidable to press the edges of the book together during said movement.

1,644,233. CARBURETOR. SCOTT J. BRINDLEY, Chicago, Ill. Filed Jan. 28, 1925. Serial No. 4,797. 1 Claim. (Cl. 261-12.)

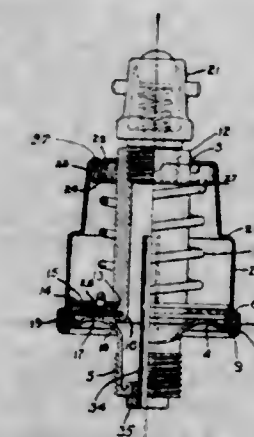
In a carburetor, a casting having a central threaded bore therein, a plug having threads arranged to engage the threads of the bore, a portion of the plug being spaced from the walls of the bore to provide a fuel passage, a fuel chamber, communication between said fuel chamber and said fuel passage, said plug having central air passages, a mixing chamber disposed at the end of said plug, an inlet and an outlet from said mixing chamber, a

sleeve disposed in said mixing chamber and movable toward and away from said plug for controlling the amount of air entering the mixing chamber, and a hot



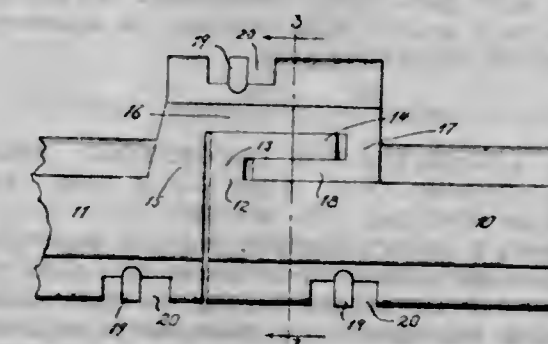
air passage surrounding said central portion for heating said fuel passage, said hot air passage communicating with said first named air passage.

1,644,234. GREASE CUP. WILLIAM C. BRINTON, Jr., Larkspur, Calif., assignor to The Greasometer Corporation, San Francisco, Calif., a Corporation of California. Filed Nov. 17, 1924. Serial No. 750,381. 5 Claims. (Cl. 184-45.)



1. A force feed grease cup comprising a shell having a grease discharge outlet in one end and a circular aperture in the other end, a hollow cylindrical stem extending through said aperture, a packing ring surrounding the stem at the aperture, a piston secured to said stem and disposed within the shell, and a helical spring surrounding the stem and engaging the piston and the ring.

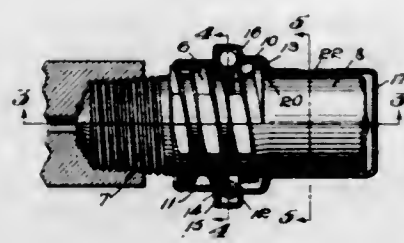
1,644,235. RAIL JOINT. WILLIAM T. BURKHALTER and JOHN STRIPLING, Reidsville, Ga. Filed Nov. 22, 1926. Serial No. 150,098. 3 Claims. (Cl. 238-235.)



3. A rail joint comprising a rail having an offset extending beyond its end and entirely to one side of the rail and with its top surface in substantially the same

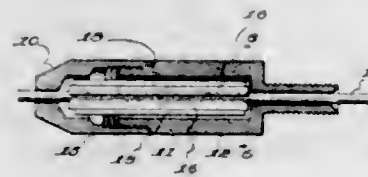
plane as the top surface of the rail, said offset having a flange at its bottom also extending beyond the end of the rail and overlapping the end of a second rail, a second rail with its end adapted to fit in the angle made by the offset of the first rail, said second rail also having an offset extending to one side of the rail and interlocking with the first mentioned offset, the interlock being to one side of the rails and on one side of said second rail and a flange on the other side of said second rail, there being suitable spaces left between the ends of the rails and the offset to allow for the normal expansion and contraction of the rails.

1,644,236. LUBRICATING NIPPLE AND CAP THEREFOR. MOSES F. CARR, Lexington, Mass., assignor, by mesne assignments, to The Bassick Manufacturing Company, Chicago, Ill., a Corporation of Delaware. Filed Feb. 1, 1923. Serial No. 616,344. 5 Claims. (Cl. 184-88.)



1. A lubricant receiving nipple comprising a cylindrical end portion, a second end portion threaded for engagement with the part to be lubricated, and a central enlarged threaded portion having a groove intersecting a portion of the thread thereof, a co-operating cap for covering the cylindrical portion and the enlarged threaded portion of the nipple to exclude dust and dirt therefrom, and a separate spring member carried in said cap for engagement with the groove and thread of said enlarged portion in said nipple.

1,644,237. ELECTRIC-ARC-WELDING TOOL. WALTER D. CHRISTENSEN, Pueblo, Colo. Filed June 29, 1925. Serial No. 40,402. 2 Claims. (Cl. 219-8.)

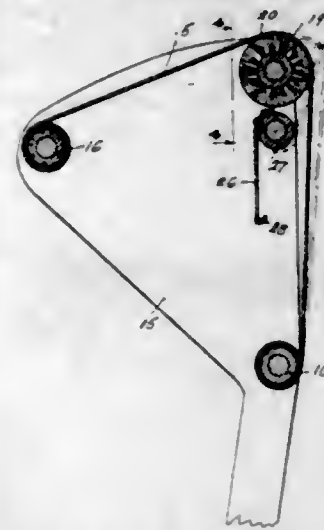


1. In a welding tool, a detachable chuck, co-operating jaws therein, said jaws provided with a groove, means to retain said jaws under compression toward each other, and said groove being between the approaching surfaces of the cooperating jaws.

1,644,238. APPARATUS FOR DECORATING. FRED F. CONWILL, Berkeley, Calif. Filed Nov. 9, 1925. Serial No. 67,908. 1 Claim. (Cl. 41-38.)

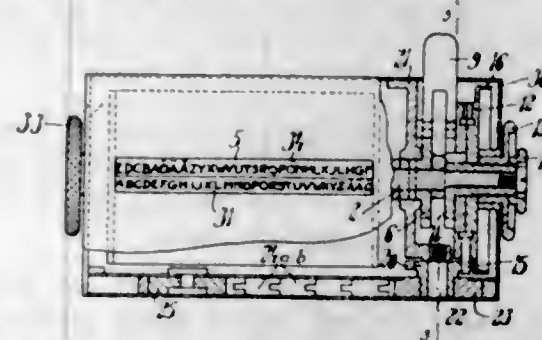
A decorator's device comprising a rolled sheet of absorptive material adapted to be placed in contact with certain areas of an undried coating of liquid coloring material upon the surface of a room and to be unrolled thereover and absorb the said material, said sheet being provided with a non-absorptive pattern adapted to isolate certain other areas of the coating from the absorptive action of the sheet in the unrolling of the sheet upon

the coating, and means for supporting said roll including a rotary brush for causing contact between the



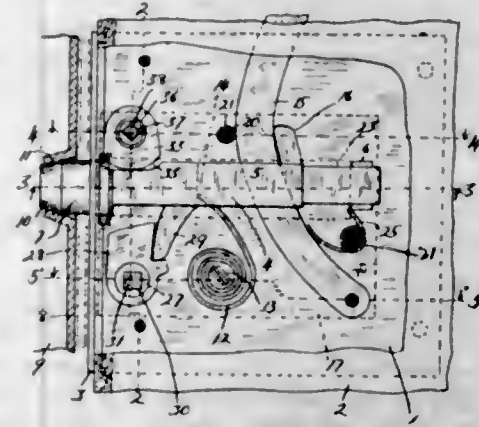
sheet and the surface being operated upon and means for re-rolling the sheet as the same is moved from the first named roll.

1,644,239. APPARATUS FOR PRODUCING SERIES OF SIGNS. ARVID GERHARD DAMM, Huddinge, Sweden. Filed Sept. 25, 1924, Serial No. 739,890, and in Sweden Sept. 28, 1923. 4 Claims. (Cl. 35-13.)



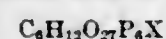
1. In an apparatus for enciphering and deciphering messages the combination of, a casing formed in one of its side walls with a reading off aperture, a rocking member provided with a series of signs visible through said aperture in both positions of said rocking member, a stepwise rotatable cylinder having on its circumference a plurality of axially extending series of signs visible according as the said cylinder is rotated through said aperture the one after the other at the one or the other side of the alphabet of said rocking member, a stepwise movable member for arbitrarily operating said rocking member, and means for arbitrarily moving said movable member, substantially as and for the purpose set forth,

1,644,240. DOOR LATCH. WILLIAM C. DEVEREAUX, Detroit, Mich. Filed Dec. 10, 1923. Serial No. 679,769. 1 Claim. (Cl. 292-164.)



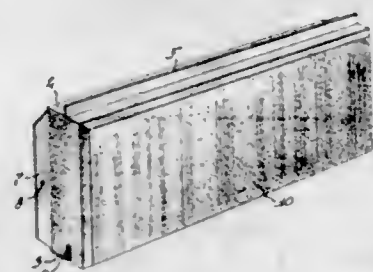
1,644,246. PROCESS FOR THE MANUFACTURE OF CALCIUM SALTS OF INOSITOL-PHOSPHORIC ACID. ALPHONS GAMS and MAX GIRARD, Basel, Switzerland, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Original application filed Apr. 9, 1923, Serial No. 630,913, and in Great Britain Mar. 29, 1923. Divided and this application filed Dec. 1, 1925. Serial No. 72,580. 6 Claims. (Cl. 260-98.)

1. The herein described manufacture of calcium salts of inositol-phosphoric acid, consisting in treating compounds of inositol-phosphoric acid of the formula



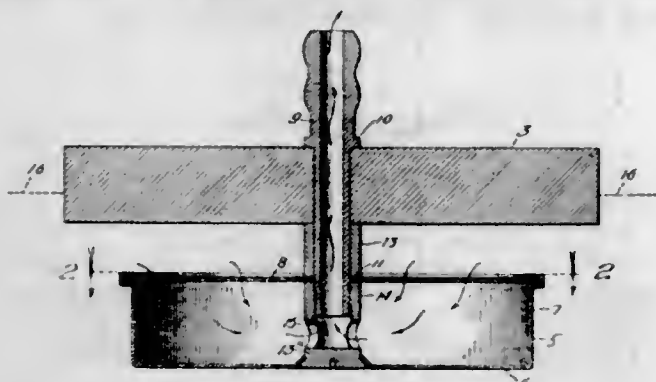
(wherein the 12 hydrogen atoms represented by X are substituted wholly or partially by magnesium) with alkali metal hydroxides and converting the alkali metal salts of inositol-phosphoric acid thus obtained with calcium compounds of sufficient solubility in the medium wherein the reaction is effected, and whose anion yields with sodium a salt soluble in dilute alcohol.

1,644,247. METAL-BACK BUILDING MATERIAL. SYLVESTER A. GATES, Detroit, Mich. Filed Feb. 23, 1926. Serial No. 89,894. 3 Claims. (Cl. 72-23.)



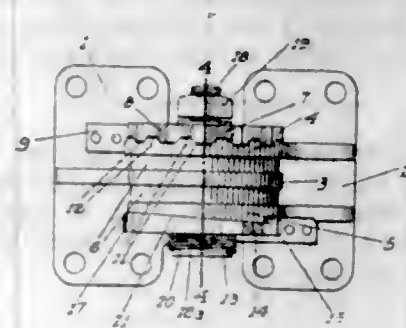
1. The combination of a composite piece of material having upper and lower edges, a metallic tongue in the upper edge of said piece of material, a metallic seat in the lower edge of said piece of material, and means connecting said seat and tongue independent of said composite piece of material.

1,644,248. DECANTING AND FILTERING FLOAT DEVICE. SIGMUND L. GOLDMAN, Chicago, Ill., assignor to Red Sun Products Co., Chicago, Ill., a Corporation of Illinois. Filed Apr. 16, 1926. Serial No. 102,553. 5 Claims. (Cl. 210-97.)



1. A combined decanting and filtering float device comprising a float, a filter-receptacle having an imperforate side wall and an interstitial top portion, said receptacle being located below said float and adapted to receive liquid from the body thereof in which it is submerged, and means securing together said float and receptacle, the device containing a passage opening into said receptacle and through which the filtered liquid is conducted away from the device.

1,644,249. COMBINED HINGE AND DOORCHECK. JOHN H. HARRISON, Stockton, Calif. Filed May 18, 1926. Serial No. 109,849. 15 Claims. (Cl. 16-85.)

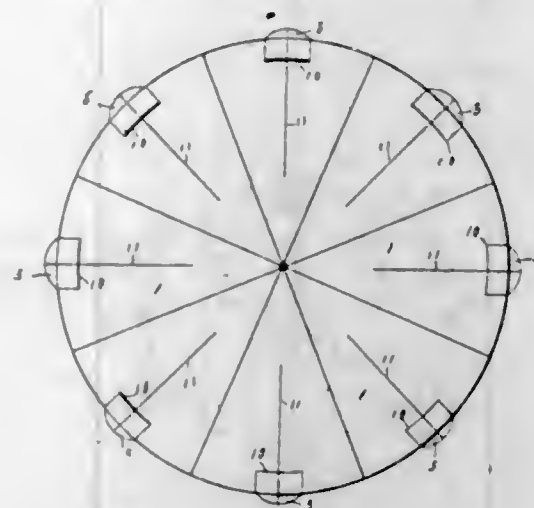


1. A combined hinge and door check including members for attachment to a door and its casing, hinge connections between the members, checking means mounted in direct connection with the hinge connections, means associated with said checking means for permitting of unchecked door opening movement, means also associated with said checking means for permitting of unchecked door closing movement to adjacent the fully closed position of the door, and means for then causing the checking means to function with the further closing movement of the door.

1,644,250. MANUFACTURE OF FERRIC SULPHATE. BERTRAM HART, Manchester, England. Filed Oct. 18, 1926. Serial No. 142,528, and in Great Britain June 12, 1926. 2 Claims. (Cl. 23-126.)

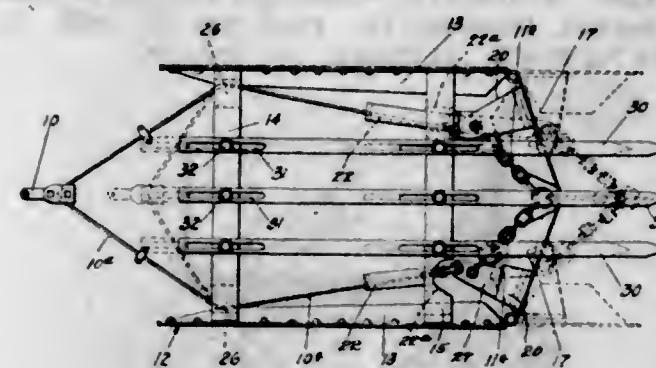
1. Process for the manufacture of ferric sulphate suitable for use as an active material in the purification of oils, spirits and fats, which consists in first treating iron oxides with only sufficient sulphuric acid to render the iron contents soluble and then adding sufficient sulphuric acid together with an oxidizing agent to produce ferric sulphate.

1,644,251. PARACHUTE. HERBERT E. HAWES, Milwaukee, Wis. Filed Jan. 11, 1926. Serial No. 80,621. 8 Claims. (Cl. 244-21.)



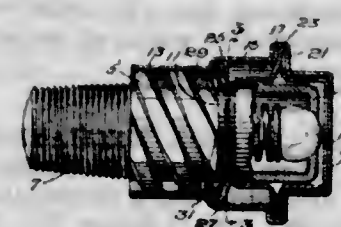
1. A parachute spreading-device comprising a plurality of spreading-pockets or air-scoops, attached to the outside of the skirt of a parachute; a complementary number of openings or apertures under said air-scoops through which the air passes from the outside thereof to the inside to primarily spread the same; a distending-member of semi-circular outline for each of said air-scoops; and a positioning-cord or member co-operating to position and hold each of said members in position, after launching.

1,644,252. SCRAPER. JOHN S. HOURMAN, Chicago, Ill., assignor to Goodman Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed Sept. 30, 1921, Serial No. 504,443. Renewed Mar. 28, 1927. 4 Claims. (Cl. 37-147.)



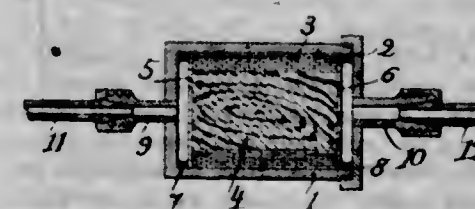
1. In combination with a scraper of the class described, means between the lateral margins and above the body of the scraper, extending in advance thereof, for dislodging loose material.

1,644,253. DUST CAP FOR LUBRICATING APPARATUS. GUSTAV JOHNSON, West Roxbury, Mass., assignor, by mesne assignments, to The Bassick Manufacturing Company, Chicago, Ill., a Corporation of Delaware. Filed Nov. 18, 1924. Serial No. 750,594. 4 Claims. (Cl. 184-88.)



1. A dust cap for a lubricant-receiving nipple including a casing having a skirt portion, a closed end, an enlarged cylindrical portion between said skirt portion and said closed end, a finger grip formed by interlocking flanges on said enlarged portion and said closed end, and a plurality of neck-engaging jaws within said casing adjacent said enlarged portion, said jaws free to expand and contract for engagement and disengagement with a neck provided in a nipple.

1,644,254. METHOD FOR THE MANUFACTURE OF BUTTER. STEPHAN KARPINSKY, Sevres, and JAMES STEWART ANDERSON, St. Ouen, France. Filed Jan. 16, 1924, Serial No. 686,087, and in France Nov. 21, 1923. 4 Claims. (Cl. 31-89.)



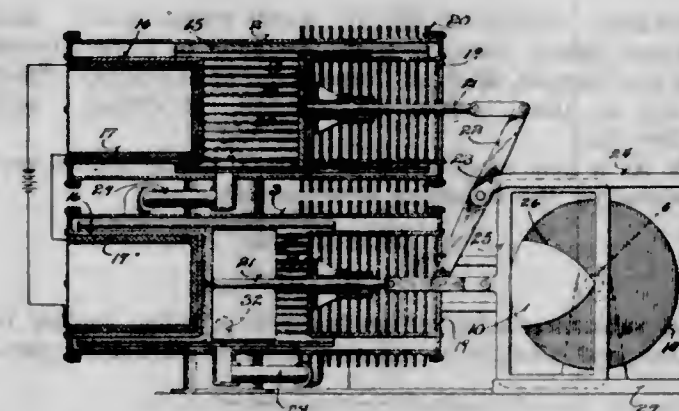
2. Process for the manufacture of butter from cream previously charged with air consisting in causing the cream to pass through a series of numerous very fine interstices which closely follow each other, these interstices forming an extremely sinuous path.

1,644,255. ELECTRICAL HEATING DEVICE. ARTHUR J. KIRCHNER, Berkeley, and WILLIAM WESLEY HICKS, San Francisco, Calif. Filed Sept. 2, 1926. Serial No. 133,130. 7 Claims. (Cl. 210-37.)



1. In an electrical heating device, a metal plate, ribs on the lower face of said plate forming grooves, and resistance elements disposed in said grooves, the upper face of said plate being grooved to provide an augmented radiating area whereby the rate of radiation of heat from the upper surface is substantially equal to the rate of absorption of heat from the resistance element.

1,644,256. HOT-AIR MOTOR. JOSEPH KORNIO, Manitowoc, Wis. Filed Feb. 16, 1925. Serial No. 9,499. 1 Claim. (Cl. 60-24.)

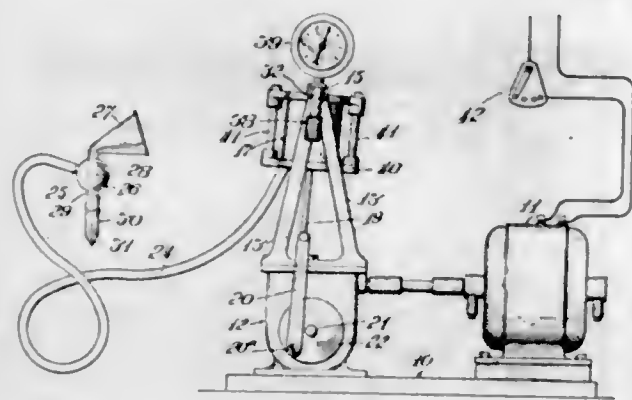


A hot air engine comprising a working cylinder, a piston mounted therein and having a projecting piston rod, a shaft provided with a crank and a flywheel, a link connecting said crank and piston rod, a pair of air conditioning cylinders having inwardly recessed ends, means for heating and cooling opposite ends of each of said air conditioning cylinders, a heat insulating air shifting piston located in each of said air conditioning cylinders, means driven from said shaft for imparting a quick stroke in opposite directions to the air shifting pistons, sleeves supported at their centers and carried by said air shifting pistons, said sleeves overhanging the recessed ends and having longitudinally extending corrugations for both stiffening such sleeves and increasing their exposed surfaces, pipes leading from the front and rear end of the working cylinder and opening approximately centrally into the air conditioning cylinders, with one pipe opening into one air conditioning cylinder and the other pipe opening into the other air conditioning cylinder, and means permitting the placing of the entire system under initial compression.

1,644,257. BREAST PUMP. EDWARD LASKER, Chicago, Ill. Filed Aug. 2, 1923. Serial No. 655,245. 13 Claims. (Cl. 128-281.)

1. In a breast pump, the combination of a vacuum chamber having a valved milk outlet, a breast appliance unobstructedly connected with the chamber, and means for producing alternate suction and pressure impulses in

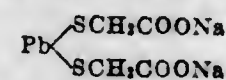
the vacuum chamber and breast appliance comprising a reciprocating pump having one valveless connection with the vacuum chamber and a separate valved air inlet.



3. In a breast pumping apparatus, the combination of a breast appliance formed to fit over the breast, means providing a chamber to receive milk from the breast appliance and mechanism for alternately reducing the air pressure in the breast appliance below and increasing it above atmospheric pressure in recurrent pulsations.

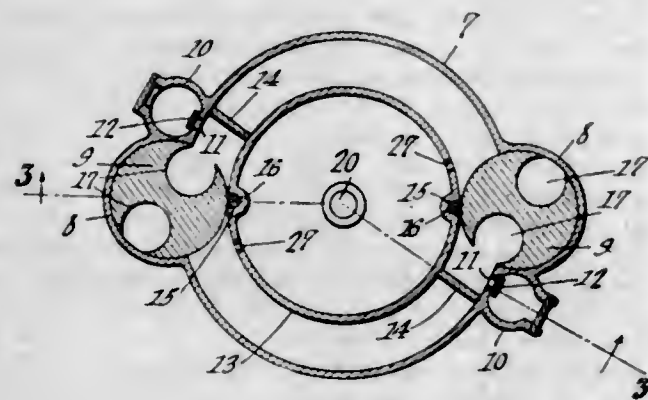
1,644,258. THIOGLYCOLLIC ACID COMPOUND. EDWARD LYONS, Detroit, Mich., assignor to Parke, Davis & Co., Detroit, Mich., a Corporation of Michigan. Filed May 3, 1926. Serial No. 106,553. 6 Claims. (Cl. 260-11.)

5. As a new composition of matter, the substance represented by the following structural formula



said substance being of golden yellow color, soluble in water, and alkaline in reaction towards phenolphthalein.

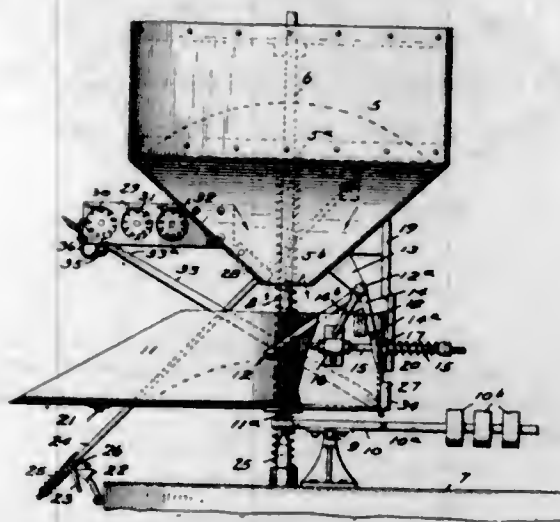
1,644,259. PROPELLING DEVICE. JOSEPH F. LYON, Fort Scott, Kans. Filed June 26, 1924. Serial No. 722,627. 1 Claim. (Cl. 230-150.)



In a propelling device, an outer cylinder having elongated lateral offset portions defining valve housings and having elongated lateral offset portions disposed adjacent to the first mentioned portions, an inner cylinder within the outer cylinder and spaced therefrom to provide a passageway, valve members having cut out portions extending throughout the lengths thereof, and arranged on opposite sides, a disk supported at each end of the cylinder members, blades connecting the disks and moving in the space between the outer cylinder and inner cylinder, rollers supported within the periphery of the inner cyl-

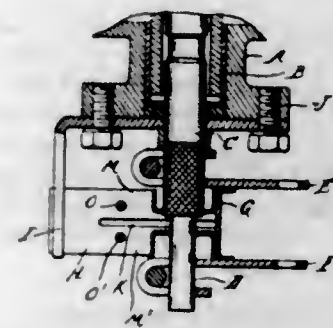
inder, said rollers adapted to contact with the valves to seal the valves, and means for admitting air and discharging air from the space between the cylinders.

1,644,260. AUTOMATIC WEIGHING MACHINE. JOHN MARKMAN, Forreston, Ill. Filed Sept. 29, 1925. Serial No. 59,405. 13 Claims. (Cl. 249-54.)



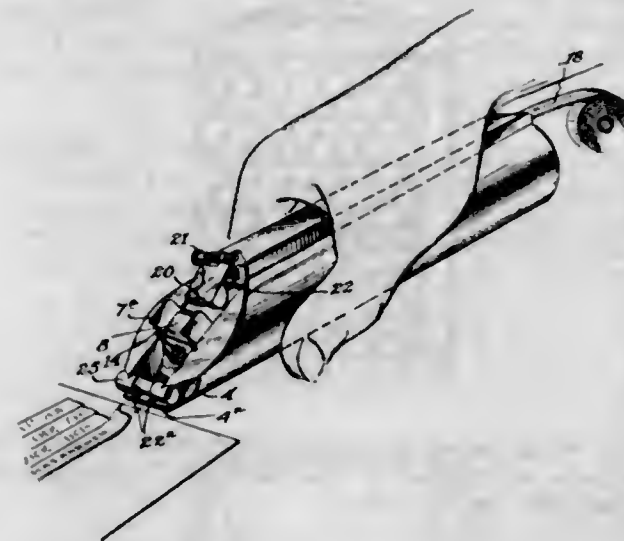
1. In an automatic weighing machine, the combination of a weighing receptacle, a yielding supported hopper designed to discharge into said weighing receptacle, the latter being movable to discharge its contents, a latch for maintaining said weighing receptacle in discharge position, a releasing means for said latch controlled by said hopper upon deposit of a supply of material therein.

1,644,261. ENGINE CONTROL MECHANISM. HENRY MARLES, Detroit, Mich., assignor to Gemmer Manufacturing Company, Detroit, Mich., a Corporation of Michigan. Filed Oct. 25, 1926. Serial No. 144,122. 5 Claims. (Cl. 74-5.)



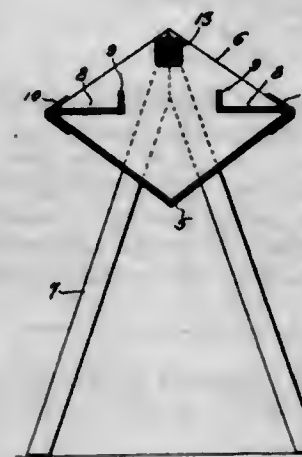
4. The combination with a tubular steering stem, of a tubular control rod passing therethrough and projecting therebeyond, a second control rod passing through said tubular control rod and projecting therebeyond, rock arms clamped to the projecting portions of said control rods, drums concentric with the axis of said rods secured to said rock arms and projecting oppositely therefrom in the space therebetween, a member formed from sheet metal having a central segmental portion embracing said drum and end portions projecting radially therefrom, said member being centrally slotted to separate the portions engaging said drums from each other, an anchor extending parallel to said rods and embraced by the outer end of said sheet metal member, and separate clamping screws for connecting the pairs of radial arms on opposite sides of said slot adapted to circumferentially and radially contract the respective segmental portions to frictionally resist rotation of the drums with the rods to which they are attached.

1,644,262. GUMMED-TAPE-AFFIXING DEVICE. ROGER MABON, Westfield, N. J., assignor to The Western Union Telegraph Company, New York, N. Y., a Corporation of New York. Filed Mar. 3, 1924. Serial No. 696,623. 7 Claims. (Cl. 216-33.)



1. A gummed tape moistener, comprising a hollow body portion constituting a handle and a water container or reservoir, a wick holder or chamber, and separate water and air passages connecting said wick chamber with said reservoir, said water passage entering said chamber below said air passage.

1,644,263. POULTRY-FEED TROUGH. RALPH E. MOELLER, Clayton, Ill. Filed Aug. 16, 1926. Serial No. 129,449. 2 Claims. (Cl. 119-61.)

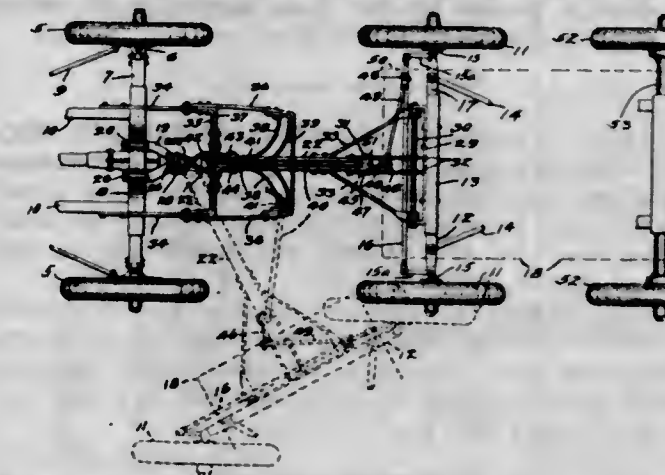


1. In an elevated feed trough of the class described, a relatively elongated hopper open at its top side, relatively long supporting legs secured at their upper ends to the respective end walls of the hopper, relatively wide laterally inwardly extending plates formed on the upper edges of the sides of the hopper and integral therewith for providing a chicken roost, and upwardly directed flanges formed on the inner edges of said plates to provide a guard at the inner side of each roost.

1,644,264. STEERING COUPLING FOR TRAILERS. BASIL J. MURN, Foley, Minn. Filed Sept. 18, 1926. Serial No. 136,277. 10 Claims. (Cl. 280-38.55.)

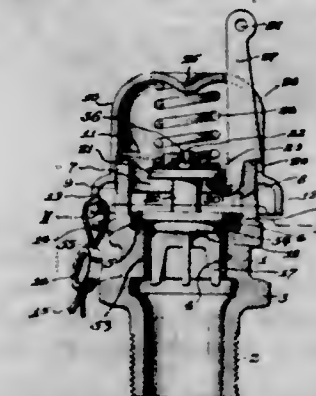
1. A steering coupling for trailers comprising a draw bar adapted to be pivotally secured at one end to a draft vehicle for swinging movement in respect to said draft vehicle, and adapted to be secured at its other end to a trailer, means for steering the front traction means of said trailer, and a single member journaled in

said draw bar, connected to said steering means at one end and having its other end working in said camway, said camway being so shaped that said steering



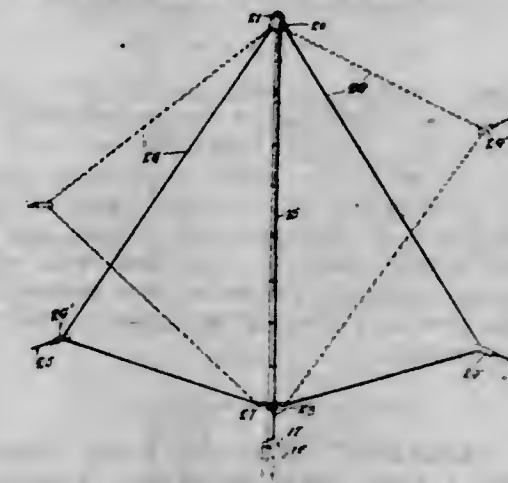
means will be positively moved to either the right or the left by said member as relative swinging movement takes place between said draw bar and said draft vehicle.

1,644,265. SAFETY VALVE. BENJAMIN NOBLE, Detroit, Mich., assignor, by mesne assignments, to Michigan Smelting & Refining Company, Detroit, Mich., a Corporation of Michigan. Filed Sept. 10, 1923. Serial No. 661,938. 4 Claims. (Cl. 137-53.)



1. In a safety valve body, a spring-pressed normally closed valve, an adjustable cap for said valve body and by which cap the action of said valve may be regulated, and a member fulcrumed on said valve body and movable by said cap circumferentially of said valve body, said member adapted for manual actuation to unseat valve.

1,644,266. ANTENNA CONSTRUCTION. FREEMAN OANE, Dubuque, Iowa. Filed Dec. 21, 1925. Serial No. 76,938. 3 Claims. (Cl. 250-33.)



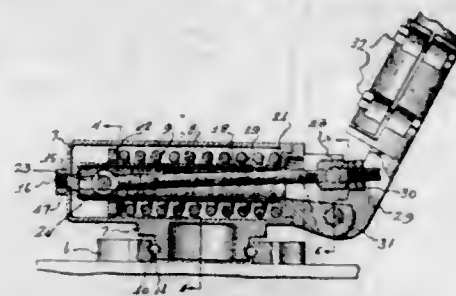
1. An antenna comprising a mast, antenna wires secured to said mast, and a pair of supporting arms secured to said mast, said arms each comprising a flat

strip twisted at an angle of 90° and capable of being bent at various angles to conform to the shape of various supports, the edges of said strips being arranged against the mast to present the flat faces thereof to the means for securing the strips to the mast.

1,644,267. ALCOHOL, ALCOHOL-CONTAINING MIXTURES, AND SIMILAR LIQUIDS. WALTER OSTWALD, Bochum, Germany, assignor to Benzol-Verband Gesellschaft mit beschränkter Haftung, Bochum, Germany. Filed Dec. 10, 1925, Serial No. 74,616, and in Germany Sept. 4, 1925. 8 Claims. (Cl. 44-9.)

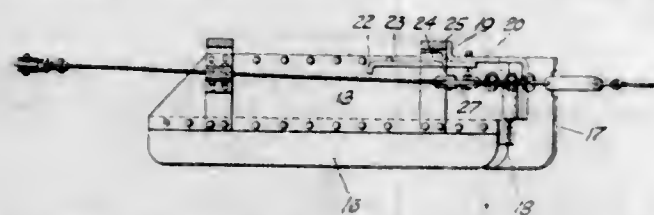
1. The method of counteracting the corrosive action of alcohol, alcohol containing fuels and mixtures containing not more than 10% of water which comprises adding to such liquids a benzoic acid salt of a base having an alkaline re-action.

1,644,268. TROLLEY SUPPORT. GLENN W. PACKER, Chicago, Ill., assignor to Goodman Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed Dec. 25, 1926, Serial No. 157,004. 4 Claims. (Cl. 191-70.)



1. In combination with a trolley pole supporting means, a base, a horizontally disposed cylinder, pivotally mounted on a vertical axis in said base and open at one end for receiving and encasing spring actuating means for a spring actuated trolley pole supporting means therein.

1,644,269. SCRAPER. GLENN W. PACKER, Chicago, Ill., assignor to Goodman Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed Oct. 1, 1921, Serial No. 504,620. Renewed Mar. 28, 1927. 1 Claim. (Cl. 37-147.)

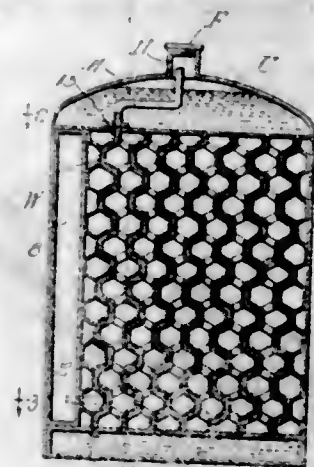


A scraper comprising a body portion, and a pivoted rear end portion, draft means for reciprocally moving said scraper having operative connection with said pivoted end portion to swing the latter in opposite directions, and means limiting the rearward movement of said end portion comprising an arm mounted on said end portion and a stop member pivotally connected with said arm and extending forwardly therefrom in a generally longitudinal direction, and adapted to engage a fixed portion on the scraper body.

1,644,270. RADIATOR. VINCENZO PAONE, Utica, N. Y. Filed Nov. 9, 1925, Serial No. 67,885. 5 Claims. (Cl. 257-125.)

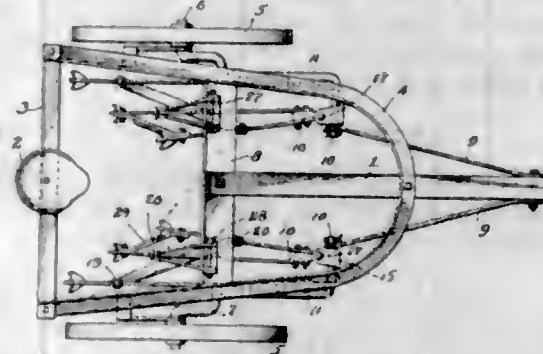
1. In a liquid cooling radiator having upper and lower headers and a liquid circulating core provided with liquid channels, a condensing chamber embodied in said core for condensing vapor from the upper portion of the radiator, said chamber having a combined vapor inlet

and liquid return passage establishing communication between its lower end and a high point of the radiator, and including one of the liquid channels of the core, said



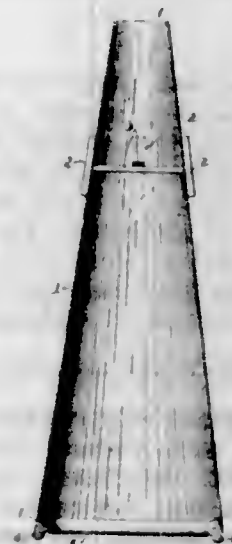
channel being sealed at its lower end against conducting water from one header to the other, said chamber being provided with an air vent.

1,644,271. CULTIVATOR. HENRY PETERSEN, Mount Auburn, Iowa. Filed July 30, 1925, Serial No. 47,022. 5 Claims. (Cl. 97-151.)



1. In a cultivator, a pivotally mounted outer beam, an independently mounted inner beam and a member slidably and adjustably mounted upon one of said beams, and a member disposed inclinedly angularly with relation to said beams and at one end pivotally mounted upon said slidable member and at the other end pivotally and slidably connected with the adjacent beam.

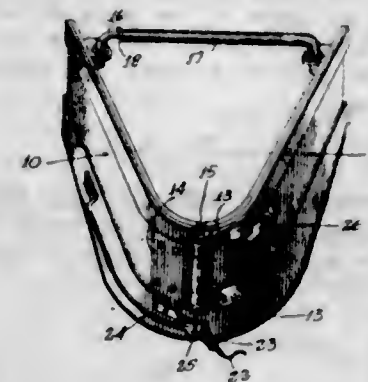
1,644,272. MUTE. ANTOINE B. PINARD, San Jose, Calif. Filed Feb. 25, 1924, Serial No. 694,949. 2 Claims. (Cl. 84-400.)



1. A mute for musical instruments comprising a hollow truncated conical body portion built up of superimposed layers of cloth, paper, and wood veneer in the order

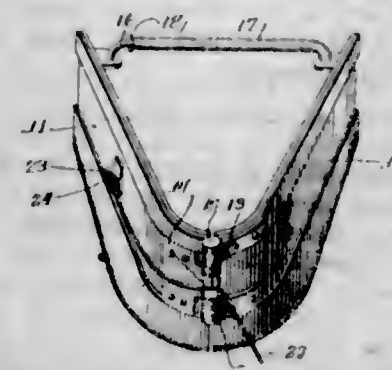
named and with the cloth on the interior thereof, and having wedging blocks arranged on its exterior surface near its smaller end and being open at said smaller end, the larger end being completely closed by a thin wooden diaphragm having increasing thickness from the center toward the circumference and having a thickened edge provided with an upstanding annular bead presenting an outer surface substantially ogee shaped in transverse cross-section.

1,644,273. DRAFT-OPERATED SCRAPER. CLARENCE F. POOLE, Evanston, Ill., assignor to Goodman Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed Dec. 13, 1923, Serial No. 680,326. Renewed Mar. 28, 1927. 6 Claims. (Cl. 37-115.)



1. A scraper provided with forwardly extending walls movable laterally with respect to each other, a rope having movable connection with said scraper at the rear end thereof, and means for retarding the movement of the scraper at a point on one side thereof during its normal movement in the rearward direction.

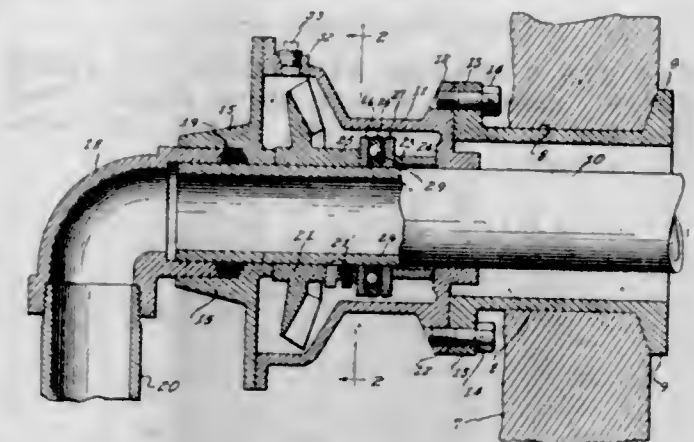
1,644,274. DRAFT-OPERATED SCRAPER. CLARENCE F. POOLE, Evanston, Ill., assignor to Goodman Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed Dec. 17, 1923, Serial No. 681,045. Renewed Mar. 28, 1927. 2 Claims. (Cl. 37-115.)



1. A scraper provided with forwardly extending walls movable laterally with respect to each other, a head rope flexibly connected to the forward ends of said walls, and a tail rope having permanent connection with said scraper at one side thereof and a detachable connection at the rear end thereof.

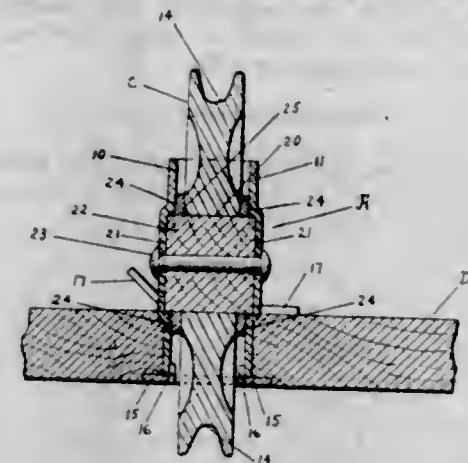
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1,644,275. BOILER CLEANER. GRANT I. RAWSON, Detroit, Mich., assignor, by mesne assignments, to Diamond Power Specialty Corporation, Detroit, Mich., a Corporation of Michigan. Filed Apr. 4, 1921, Serial No. 458,205. 3 Claims. (Cl. 122-392.)



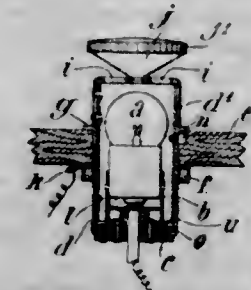
1. In a boiler cleaner, the combination with a rotatable blower element and a wall box through which said element passes, of gearing for driving said blower element, and a housing for said gearing detachably secured to said wall box and providing a bearing for said blower element.

1,644,276. SASH-WEIGHT PULLEY. ERNEST S. REILAND and PETER M. REILAND, St. Paul, Minn., assignors to Howard L. Fischer, St. Paul, Minn. Filed May 21, 1925, Serial No. 31,813. 2 Claims. (Cl. 16-215.)



1. A pulley comprising a pulley wheel, a casing for said pulley wheel having recesses in the sides thereof, a bearing block of non-metallic lubricant impregnated material for said pulley wheel seated in said recesses, means extending through the bearing block and the sides of the casing to clamp the bearing block tightly in place.

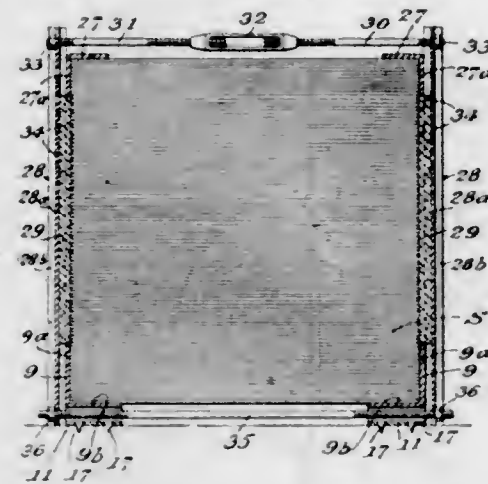
1,644,277. LAMP FOR INSTRUMENT BOARDS OF MOTOR VEHICLES. CHARLES HILAIRE HENRI RODANET, Versailles, France, assignor to Société Anonyme Etablissements Ed. Jaeger, Paris, France, a French Company. Filed July 1, 1925, Serial No. 40,881, and in France Feb. 17, 1925. 4 Claims. (Cl. 240-8.16.)



1. In an electric lamp for instrument board of motor vehicles, a cylindrical member surrounding and supporting the bulb and having openings in the top thereof,—a

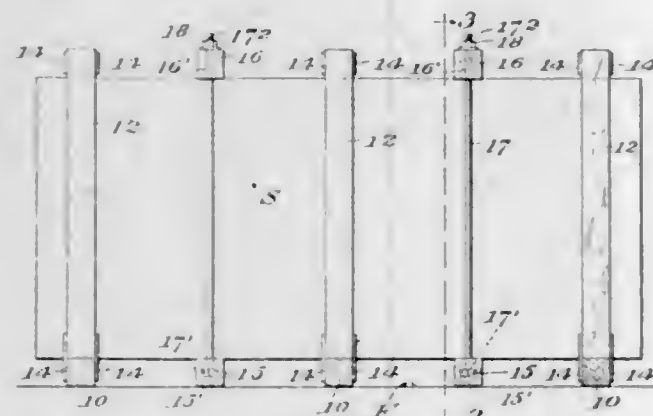
conical reflector, external to said member, cooperating with the said openings for receiving and reflecting the rays emitted by the source of light,—a metallic casing secured in the instrument board for internally receiving the cylindrical member and the socket supporting the bulb.

1,644,278. BRACING APPARATUS FOR SHEET METAL. ROBERT T. ROMINE, Mount Clemens, Mich. Filed Aug. 11, 1926. Serial No. 128,569. 21 Claims. (Cl. 105—366.)



1. The herein-described method of loading or crating sheet metal flatwise in stacks in a car, consisting in compressing members of relatively softer material than the sheets against the edges of the sheets running lengthwise of the car, thereby to resist frictional movement of the sheets during transit.

1,644,279. BRACING APPARATUS FOR SHEET METAL. ROBERT T. ROMINE, Mount Clemens, Mich. Filed Oct. 12, 1926. Serial No. 141,132. 18 Claims. (Cl. 105—369.)

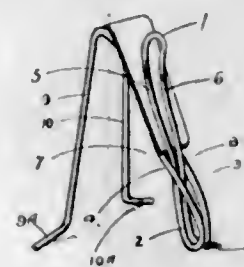


1. An apparatus for bracing a pack of metal sheets on their edges in a freight car, comprising a plurality of frames comprising sections extending transversely about said pack, said sections being detachably connected together, certain of said sections being removably attached to the car floor and wall, and adjustable means extending transversely about said pack interposed between said frame members for additionally supporting said pack and preventing dislodgement of the sheets.

1,644,280. CLIP FOR SHOW CARDS, SERVIETTES, AND THE LIKE. JOHN WILLIAM ROONEY, Dunedin, New Zealand. Filed Aug. 29, 1924. Serial No. 734,968. 2 Claims. (Cl. 40—151.)

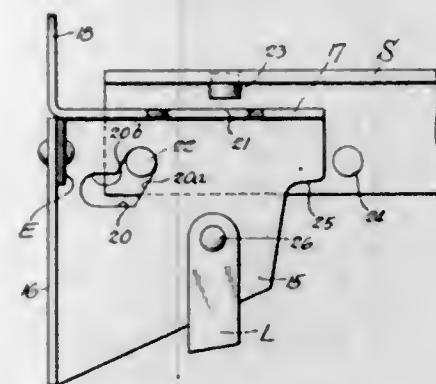
1. A device of the character described formed from a single piece of wire bent upon itself medially of its ends to form a loop, parallel side portions continuing from the loop, other loops continuing from the parallel side por-

tions and arranged on opposite sides of the parallel portions, other parallel portions continuing from the last mentioned loops and also arranged opposite to and parallel with the first mentioned parallel portions, a plate secured to the inner faces of the last mentioned parallel portions and opposite to and contacting with the first



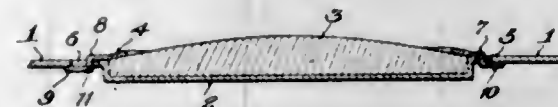
mentioned parallel portions and the outer portion of the first mentioned loop being arranged short of the top of the plate and at an angle to the plate to facilitate the insertion of an article between the plate and the first mentioned parallel portion so that the article may be clamped therebetween.

1,644,281. CONNECTING MEANS FOR BED RAILS. CHARLES H. RUTH, Huntington Park, Calif. Filed June 9, 1924. Serial No. 718,921. 5 Claims. (Cl. 5—304.)



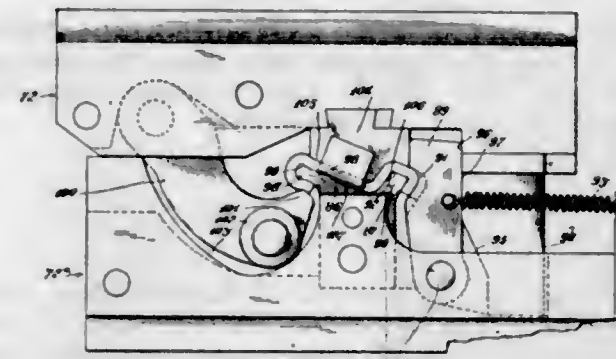
1. A corner fastening for beds, comprising a connecting member having a plate formed with an angularly disposed flange, the plate and flange provided with cam slots, one of the cam slots being centrally disposed of the flange and extending obliquely thereto and the plate cam slot being of angular contour, an angular shaped rail member disposed over the plate and flange and having studs extending into the cam slots, said slots and their coacting studs mutually acting as the rail member is moved longitudinally in one direction to cause said rail to move downwardly and laterally into snug engagement with said connecting member.

1,644,282. COMPACT HOLDER. LOUIS E. SADLER, Attleboro, Mass., assignor to The F. H. Sadler Company, Attleboro, Mass. Filed Feb. 11, 1927. Serial No. 167,428. 5 Claims. (Cl. 132—82.)



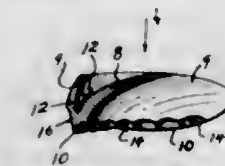
2. In a compact holder, a plate having a compact receiving depression and having a pair of diametrically opposed openings located beyond the depression, and a rim engageable with the compact and having a pair of fingers extending through the openings and engaged with the under face of the plate, one of the fingers being capable of being snapped into and out of its opening.

1,644,283. APPARATUS FOR MANUFACTURING RAIL ANCHORS. LAURENCE A. SCHNEIDER, Canton, Ohio, assignor to Canton Forge & Axle Company, Canton, Ohio, a Corporation of Delaware. Filed Sept. 29, 1924. Serial No. 740,593. 20 Claims. (Cl. 153—12.)



1. An apparatus of the character described, comprising a die section adapted to receive a metal blank, a member pivoted to move into engagement with the blank to hold the same on said die section, a reciprocating member provided with means for moving said pivoted member into engagement with said blank, means on said reciprocating member for exerting pressure against said blank, and a pivoted element on said reciprocating member for engaging an end of said blank to bend the same around a portion of said die.

1,644,284. TOOTH GUARD. JACK L. SHAPIRO, New York, N. Y. Filed June 27, 1925. Serial No. 39,905. 7 Claims. (Cl. 128—136.)

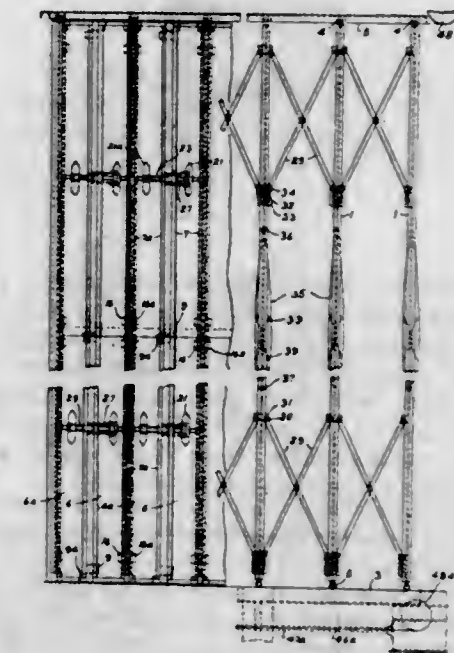


4. A tooth guard comprising a palatal piece by which the guard is held in the mouth by suction, pad covering means carried by the palatal piece by which the tooth occlusals are covered to prevent lip cutting in boxing contests, and an artificial simulation of teeth molded into the pad covering means which overlap the front surface of the wearer's teeth and which if exposed to view appear as ordinary teeth.

1,644,285. DOOR FOR AIRSHIP SHEDS, AEROPLANE HANGARS, AND THE LIKE. ARCHIBALD BERRIDGE FRANKLIN SMITH, Calcutta, British India. Filed Mar. 6, 1924. Serial No. 697,372, and in British India Jan. 11, 1924. 7 Claims. (Cl. 20—20.)

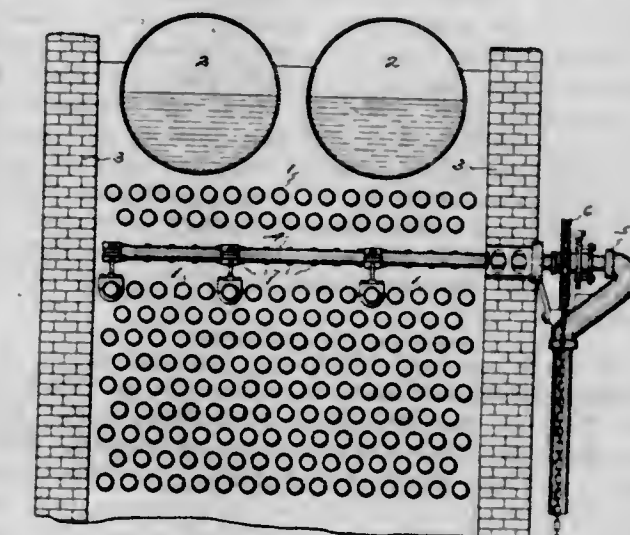
1. A door for aeroplane hangars and the like comprising, an upper and a lower runway, a plurality of rigid vertical members arranged to resist substantially the whole of the lateral forces applied to the door and slidably mounted for movement in the runways, a pair of light relatively narrow panels of rigid, non-inflammable material connected between each adjacent pair of vertical members, each pair of panels being interconnected by an overlapping knuckle extending along the entire contacting edges of the panel to form a beading along the contacting edges so as to strengthen the panels and to provide a water proof overlapping joint between the panels, the connections between the panel and its vertical member being a loose folding horizontal connection extending continuously throughout the entire height of the panel, such connection including contact-

ing curved edge portions on the vertical member and its panel whereby wind pressure on the panel surface forces the curved edge of the panel to bear throughout its en-



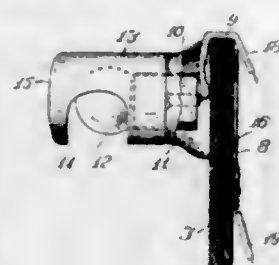
tire length against the curved surface on the vertical member whereby to evenly transmit the load from the panel to the vertical member.

1,644,286. SOOT-BLOWER ELEMENT. NORMAN L. SNOW, Hartford, Conn. Filed Oct. 10, 1921. Serial No. 506,767. 12 Claims. (Cl. 122—392.)



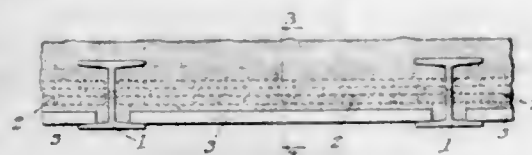
1. In a boiler cleaner, a soot blower element adapted to be positioned within a boiler setting for discharging a jet of cleaning fluid adjacent parts of the boiler to be cleaned, said element comprising a pipe formed with an opening, means for conducting a cleaning fluid to said element, and a member engaged in said opening and having a portion thereof provided with a passage adapted to conduct the cleaning fluid from within the element for discharge laterally of the element through said opening, said member being also formed with a second portion engageable with said element, said portions of said member cooperating to resist distortion of the element under the influence of temperature differences, said second portion extending substantially in the opposite direction from said first portion, and also provided with a passage adapted to conduct cleaning fluid from within the element for discharge laterally thereof.

1,644,287. ILLUMINATING DEVICE. LA ROY R. SPENCER, Chicago, Ill. Filed Feb. 20, 1925. Serial No. 10,442. 1 Claim. (Cl. 240—52.)



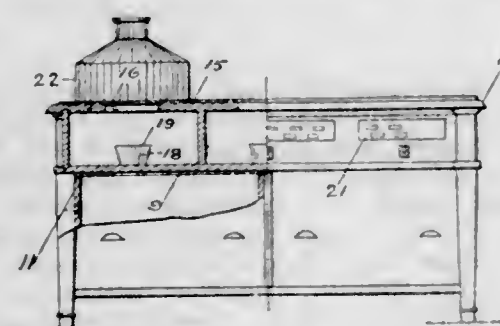
A device of the kind described comprising a yieldable clip including relatively short and long flat front and rear plates spaced from each other by a web having a slot therein, and a combined hood and reflector extending outwardly from said front plate and enclosing a socket adapted to receive a lamp, said long flat rear plate providing a substantially large base upon which said device may stand upon a suitable support.

1,644,288. METHOD OF EXCAVATING. OSCAR E. STREHLOW, Evanston, Ill. Filed Dec. 11, 1923, Serial No. 679,980. Renewed May 16, 1927. 3 Claims. (Cl. 61—41.)



1. The method of excavating which consists in driving piles to a depth beyond the full depth of the proposed excavation at spaced intervals before excavating operations are begun with the slides thereof proximate the line of excavation adjacent to but outside of said proposed excavation, said piles having flanges on their adjacent faces which project into the spaces between said piles, excavating along the faces of said piles proximate to the excavation, and inserting sheathing members in position between adjacent piles from within the excavation through the spaces between adjacent piles as excavation progresses with their ends interlocked behind flanges on adjacent piles where necessary on account of the loose character of the soil, thus forming a retaining wall which will prevent caving in of the wall of the excavation.

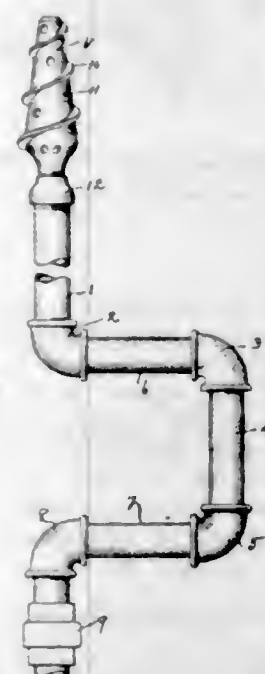
1,644,289. DISPLAY TABLE. THOMAS W. TIMPSON, New York, N. Y., assignor to R. H. Macy & Co., Inc., New York, N. Y., a Corporation of New York. Filed Nov. 3, 1926. Serial No. 146,022. 1 Claim. (Cl. 211—25.)



A display table having legs and comprising an opaque top having a plurality of glass covered openings extending therethrough, said top being provided with a depending apron surrounding the same, a horizontal partition member spaced from said top and attached to said apron, a plurality of vertical partition members extending between said horizontal partition member and top to

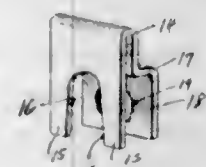
form compartments, a source of light in each of said compartments, one of said openings being above each of said compartments and being considerably smaller than the same; whereby translucent articles positioned over said openings may be displayed and intercept the direct rays of light emanating from said source.

1,644,290. DEVICE FOR EXTINGUISHING FIRES. LEE R. TITCOMB, Brooklyn, and HARRY S. ASHMAN, New York, N. Y. Filed July 7, 1926. Serial No. 120,972. 1 Claim. (Cl. 299—110.)



A fire extinguishing device comprising a nozzle having an external threading, said threading being of sufficient width to enable said nozzle to be self-propelling when it is turned while it is imbedded in a pile of loose material, rigid pipe means directly and rigidly connected to said nozzle and rotatably connected to a rear pipe member, said rigid pipe means including a portion of substantially U-shaped configuration, having the base of the U in parallel relation with said nozzle.

1,644,291. CABLE CONNECTER. HERMAN L. STRONGSON, Brooklyn, N. Y., assignor to The Thomas & Betts Co., Elizabeth, N. J., a Corporation of New Jersey. Filed Oct. 18, 1923. Serial No. 669,200. 12 Claims. (Cl. 247—25.)

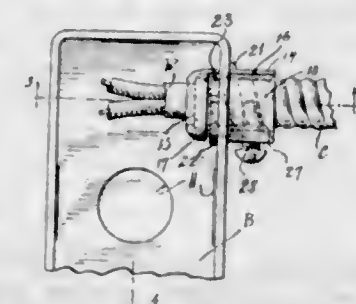


7. A cable connector comprising, a sheet metal part bent to form closely spaced parallel portions at one end of the connector to straddle a box wall above the hole therein, and including a forked cable engaging portion with converging gripping edges which bite into a cable.

1,644,292. CABLE CONNECTER. GEORGE C. THOMAS, Jr., Elizabeth, N. J., assignor to The Thomas & Betts Co., Elizabeth, N. J., a Corporation of New Jersey. Filed Jan. 22, 1924. Serial No. 687,778. 10 Claims. (Cl. 247—25.)

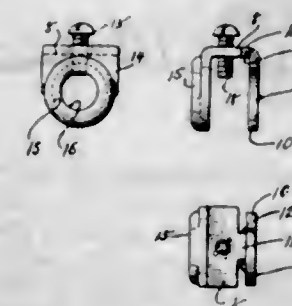
9. A cable connector comprising a sleeve, a closed continuous ring bushing at the inner end thereof, said sleeve being provided with a circumferential slit proximate the bushing which slit partially severs the bushing

from the sleeve, said sleeve also being provided with a longitudinally extending slit cutting through the sleeve from its outer end and connecting with one end of the circumferential slit, the two slits aforesaid providing a sleeve connector which includes a rigid bushing carried



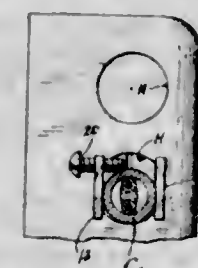
on a sleeve member the circular wall of which is subject to circumferential contraction and expansion, box hole anchorage means formed on the connector member to engage a box wall, and operating means carried on the connector to grip a cable in the sleeve and render effective the anchorage means.

1,644,293. CABLE CONNECTER. GEORGE C. THOMAS, Jr., Elizabeth, N. J., assignor to The Thomas & Betts Co., Elizabeth, N. J., a Corporation of New Jersey. Filed Jan. 22, 1924. Serial No. 687,780. Renewed June 6, 1927. 16 Claims. (Cl. 247—25.)



1. Cable and box connecting means comprising, a box having a cable and connector receiving hole, a substantially flat plate connector of such size as will fit through the box hole and formed to directly expose a portion of said box hole edge to a cable, box hole edge anchorage means included on the connector into which seats the box hole edge to fix the connector in the box hole, and means rotatably mounted on the connector bearing on the cable to grip it between the connector and exposed box hole edge and to simultaneously force the anchorage means into fixed relation with the box hole edge.

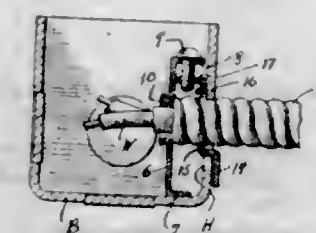
1,644,294. CABLE CONNECTER. JAMES C. LEDBETTER, Brooklyn, N. Y., assignor to The Thomas & Betts Co., Elizabeth, N. J., a Corporation of New Jersey. Filed Jan. 22, 1924. Serial No. 687,776. 4 Claims. (Cl. 247—25.)



1. Cable and box connector means comprising, a box having a cable and connector receiving hole, a pair of connector members disposed in the box hole and including box hole edge receiving notches located substantially at the center in one member which notches engage and

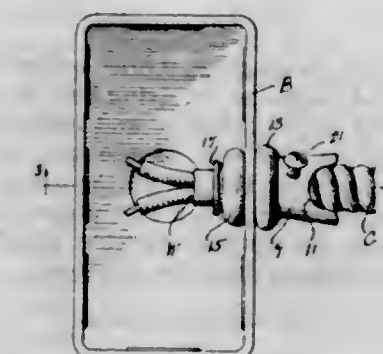
leave exposed the box hole edge, and a screw threaded through one member to grip against a cable received between the members and to seat the notches of both members against the box hole edge and to force the cable against the exposed box hole edge.

1,644,295. CABLE CONNECTER. GEORGE C. THOMAS, Jr., Elizabeth, N. J., assignor to The Thomas & Betts Co., Elizabeth, N. J., a Corporation of New Jersey. Filed Jan. 22, 1924. Serial No. 687,782. 20 Claims. (Cl. 247—25.)



2. Cable and box connecting means comprising, a box with a hole, a connector embodying two flat plates mounted in parallel spaced relation in the box, one plate having a portion formed to fit through the box hole and project on the outside thereof and including a cable hole, and a screw cooperating with the two plates moving one in relation to the other and to the box hole to grip a cable between the connector and box hole edge.

1,644,296. CABLE CONNECTER. GEORGE C. THOMAS, Jr., Elizabeth, N. J., assignor to The Thomas & Betts Co., Elizabeth, N. J., a Corporation of New Jersey. Filed Jan. 22, 1924. Serial No. 687,784. 22 Claims. (Cl. 247—25.)

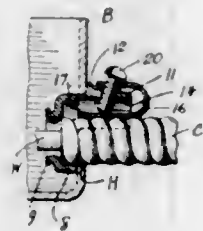


1. In combination, a cable box and connector comprising a box having a connector and cable receiving opening, a stamping having a central hole punched therein which provides an open end in the connector after the stamping is fashioned into form to fit into the box opening, a narrow strip of ring-like stock remaining a part of the stamping centrally thereof and defining the aforesaid open end of the connector and affording a folding axis around which the stamping is bent to bring the ends into juxtaposition, connector anchorage means on the connector inserted within the box opening, and means to expand the connector within the box opening and simultaneously grip a cable.

1,644,297. CABLE CONNECTER. GEORGE C. THOMAS, Jr., Elizabeth, N. J., assignor to The Thomas & Betts Co., Elizabeth, N. J., a Corporation of New Jersey. Filed Jan. 22, 1924. Serial No. 687,786. 5 Claims. (Cl. 247—25.)

1. Cable and box connecting means comprising, a box having a hole to receive a cable and connector, a connector suitable in size to fit into the box hole and formed to leave exposed a portion of said hole edge against which rests the cable, box hole edge anchorage means on the connector into which seats a portion of the box hole

edge to fit the connector in the box, a screw threaded through the connector and directed toward the cable, and a bearing clamp plate carried on the connector between



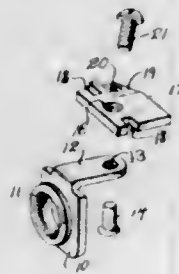
the screw end and cable overlying the exposed box hole edge and acted on by the screw to grip the cable between said box hole edge and plate and simultaneously seat the connector anchorage means against said box hole edge.

1,644,298. CABLE CONNECTER. JAMES C. LEDBETTER, Brooklyn, N. Y., assignor to The Thomas & Betts Co., Elizabeth, N. J., a Corporation of New Jersey. Filed Jan. 22, 1924. Serial No. 687,777. 7 Claims. (Cl. 247-25.)



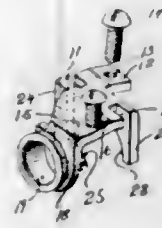
2. Cable and box connecting means comprising, a box having a cable and connector receiving hole, a cable receiving member placed in the box hole and including an abutment resting against one side of the box, said member having a notched opening therein on the other side of the box adjacent the box wall, and a separate anchorage plate projecting through the notched opening gripping against the cable and resting against the box wall.

1,644,299. CABLE CONNECTER. ADNAH MCMURTRIE, New York, N. Y., assignor to The Thomas & Betts Co., Elizabeth, N. J., a Corporation of New Jersey. Filed Mar. 3, 1924. Serial No. 696,517. 14 Claims. (Cl. 247-25.)



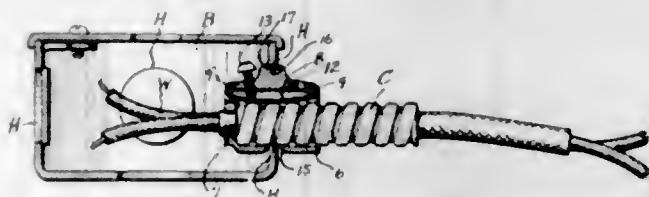
1. Cable and box connecting means comprising, a box having a cable and connector receiving hole, a member of suitable size to fit into the box hole and formed to expose a portion of said box hole edge to a cable, box hole edge anchorage means included on the member into which seats the box hole edge to fix the member against displacement, and cable clamping means carried on the member including means by which said cable clamping means may be placed inside or outside the box to grip against the cable.

1,644,300. CABLE CONNECTER. JAMES C. LEDBETTER, Brooklyn, N. Y., assignor to The Thomas & Betts Co., Elizabeth, N. J., a Corporation of New Jersey. Filed May 22, 1924. Serial No. 715,004. 13 Claims. (Cl. 247-25.)



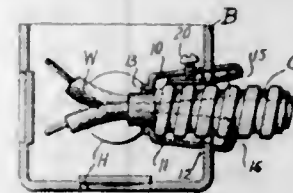
6. A cable connector comprising a piece of flat bar stock with a pair of aligned notches punched in the edges thereof, tapped screw holes made in the bar, one to either side of the notches, a screw disposed in each screw hole for impinging a cable wall in two separated points thereon, and a wire bushing formed by bending at right angles and perforating the end of the bar.

1,644,301. CABLE CONNECTER. JAMES CAMROD LEDBETTER, New York, N. Y., assignor to The Thomas & Betts Co., Elizabeth, N. J., a Corporation of New Jersey. Filed June 2, 1925. Serial No. 34,290. 6 Claims. (Cl. 247-25.)



3. A cable connector comprising, a sleeve, means to anchor the connector in a box hole, a bearing clamp plate mounted in the sleeve, upturned portions formed on each end of the bearing clamp plate and curled around the sleeve ends by which it is retained in the sleeve, and means carried on the sleeve to drive against the clamp plate to anchor cable in the sleeve.

1,644,302. CABLE CONNECTER. JAMES CAMROD LEDBETTER, New York, N. Y., assignor to The Thomas & Betts Co., Elizabeth, N. J., a Corporation of New Jersey. Filed July 1, 1925. Serial No. 40,749. 16 Claims. (Cl. 247-25.)



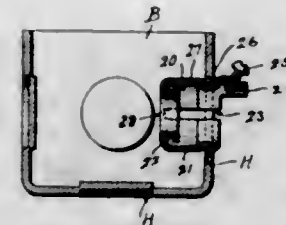
6. A cable connector adapted to anchor cable in a box hole comprising, a flat sheet metal one piece stamping embodying, a central ring which is fashioned into a cable stop and wire bushing, a number of rectangular sheet parts integral with the central ring and which are fashioned into sleeve sections, connector anchorage means formed into the plates by which the sleeve sections are adapted to be fixed in a box hole, and a screw mounted in one of the sleeve sections and acting to secure a cable in the connector and simultaneously operate the aforesaid anchorage means to anchor the sleeve in a box hole.

8. A cable connector adapted to anchor cable in a box hole comprising, a flat sheet metal one piece stamping embodying, a central ring which is fashioned into a cable stop and wire bushing, a number of rectangular sheet parts integral with the central ring and which are fashioned into sleeve sections, box wall entrant slots punched

In the sheet parts at the ends thereof furthest from the central ring and adapted to embrace the rim of a box hole to anchor the connector and cable in said box, and a screw mounted in one of the sleeve sections adapted to apply pressure on a cable and expand the wall entrant slots outwardly over the rim of a box hole.

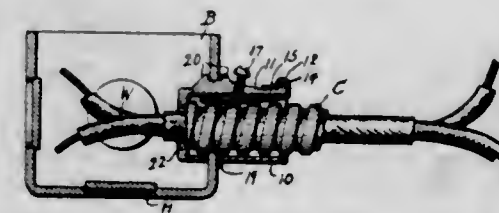
10. A cable connector adapted to anchor cable in a box hole comprising, a flat sheet metal one piece stamping embodying, a central ring which is fashioned into a cable stop and wire bushing, two rectangular sheet parts integral with the central ring and which are fashioned into sleeve sections, box wall entrant slots being punched in the sheet parts at the ends thereof furthest from the central ring and adapted to embrace the rim of a box hole to anchor the cable in said box, a screw mounted in one of the sleeve sections adapted to apply pressure on a cable and expand the wall entrant slots outwardly over the rim of a box hole, a jaw turned up on the end of one of the sleeve sections adapted to rest against the cable and thus cooperate with the screw to fasten the cable in the connector, and a bearing clamp plate integral with one of the sleeve sections and turned back on the inside thereof between the screw and cable and being flexible at one end to move under pressure of the screw.

1,644,303. CABLE CONNECTER. GEORGE C. THOMAS, Jr., Elizabeth, N. J., assignor to The Thomas & Betts Co., Elizabeth, N. J., a Corporation of New Jersey. Filed July 11, 1925. Serial No. 42,888. 6 Claims. (Cl. 247-25.)



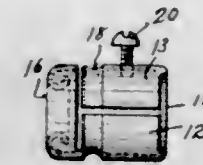
3. A cable connector for anchoring cable in a box comprising, parallel portions circular in cross section composing a cable receiving sleeve, a full circular wire bushing integrally formed at one end of the portions joining all portions together in a one-piece sleeve structure, the bushing acting to constrain one end of the sleeve to normal size and permitting the other end of the sleeve to expand, a connector and box anchorage means formed in the movable ends of the sleeve portions, and a screw carried by the sleeve to simultaneously expand the movable connector portions to anchor a cable in the sleeve.

1,644,304. CABLE CONNECTER. GEORGE C. THOMAS, Jr., Elizabeth, N. J., assignor to The Thomas & Betts Co., Elizabeth, N. J., a Corporation of New Jersey. Filed July 11, 1925. Serial No. 42,889. 3 Claims. (Cl. 247-25.)



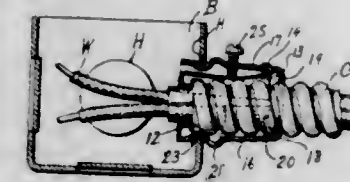
1. A cable connector adapted to be anchored in a box and comprising, a sleeve to receive a cable end, a rib made at one end of the sleeve, a bearing clamp plate having its end wrapped around the rib whereby attaching one end of the plate to the sleeve leaving the other end movably free, a screw carried by the sleeve bearing against the plate, and connector anchorage means carried by the sleeve.

1,644,305. CABLE CONNECTER. LEWIS H. CHURCH, Elizabeth, N. J., assignor to The Thomas & Betts Co., Elizabeth, N. J., a Corporation of New Jersey. Filed Aug. 18, 1925. Serial No. 50,997. 3 Claims. (Cl. 247-25.)



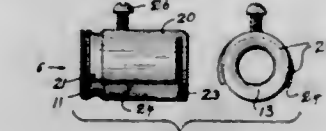
1. A cable connector adapted to positively attach cable with its wires in a box hole comprising, a split sleeve capable of expansion within a box hole, box hole anchorage means made on the sleeve by which it grips against the rim of the box hole due to the aforesaid expansion, cable clamping means carried on the sleeve adapted to bear on a cable to fix it in the sleeve and simultaneously effect expansion aforesaid, and a ring integrally formed on the sleeve at each end thereof through which the cable enters the sleeve and the wires thereof pass out of the sleeve.

1,644,306. CABLE CONNECTER. JAMES CAMROD LEDBETTER, New York, N. Y., assignor to The Thomas & Betts Co., Elizabeth, N. J., a Corporation of New Jersey. Filed Sept. 11, 1925. Serial No. 55,668. 10 Claims. (Cl. 247-25.)



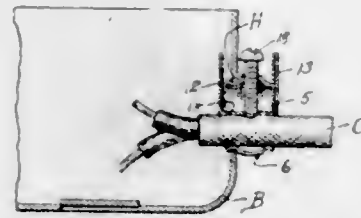
1. A cable connector comprising, a sleeve including anchorage means adapted to be fixed in a box, a separately made full fashioned circular bushing movably disposed within the sleeve at one end through which the wires of armored cable pass and against which the end of the armor of a cable stops, a strip of metal forming a clamp plate made integral with the bushing and extending along the inside of the sleeve toward the other end thereof, means on one end of the clamp plate to attach it to the sleeve, and clamp operating means bearing on the clamp plate in line with the cable to secure the cable in the sleeve.

1,644,307. CABLE CONNECTER. JAMES CAMROD LEDBETTER, New York, N. Y., assignor to The Thomas & Betts Co., Elizabeth, N. J., a Corporation of New Jersey. Filed Nov. 24, 1925. Serial No. 71,034. 11 Claims. (Cl. 247-25.)



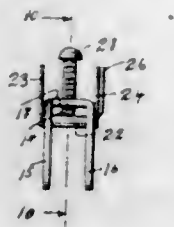
1. A cable connector comprising, a heavy metal connector main member, anchorage means made on the main member, anchorage means made on the main member by which it fastens itself in a box opening, a lightweight sheet metal protective sleeve-like part carried with the main member and adapted to surround a cable in the connector, a bushing integrally formed on the protective part against which the cable end rests and through which wires of the cable pass, means formed on the connector main member and sleeve-like part including registering grooves for joining together the connector main member and protective part, and operating means carried on the connector main member rendering effective the aforesaid anchorage means and acting simultaneously to fasten a cable in the connector.

1,644,308. CABLE CONNECTER. LEWIS H. CHURCH, Elizabeth, N. J., assignor to The Thomas & Betts Co., Elizabeth, N. J., a Corporation of New Jersey. Filed Apr. 23, 1926. Serial No. 104,129. 43 Claims. (Cl. 247-25.)



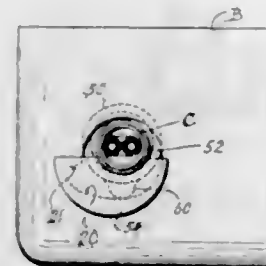
19. A cable connector comprising, a split sleeve, with a screw mounted thereon to expand it, and box hole anchorage means rendered effective by said expansion, a U-shaped adapter bearing clamp plate mounted in the split sleeve with enlarged parallel legs thereof slidable in relation to the sleeve ends and with the body of the plate mounted in line with the screw.

1,644,309. CABLE CONNECTER. GEORGE C. THOMAS, Jr., Elizabeth, and LEWIS H. CHURCH, Roselle, N. J., assignors to The Thomas & Betts Co., Elizabeth, N. J., a Corporation of New Jersey. Filed July 8, 1926. Serial No. 121,231. 17 Claims. (Cl. 247-25.)



10. A connector comprising a frame body including anchorage means to engage a box hole edge, parallel cable embracing rings formed on the frame body, an adapter including a cable clamp plate mounted parallel to the frame body and including box hole cover plates mounted parallel and slidable on the rings, guide means permitting free relative motion between the adapter and other part, and pressure producing means acting between the two parts to forcibly move them in opposite direction.

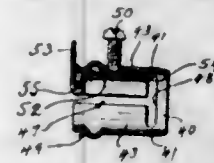
1,644,310. CABLE CONNECTER. HERMAN L. STRONGSON, New York, N. Y., assignor to The Thomas & Betts Co., Elizabeth, N. J., a Corporation of New Jersey. Original application filed Dec. 4, 1922, Serial No. 604,677. Divided and this application filed July 23, 1926. Serial No. 124,333. 18 Claims. (Cl. 247-25.)



1. Cable and box connecting means comprising, a box having a cable and connector receiving hole, a member having a mutilated end and suitable in size to fit into the box hole and having a portion of said end formed substantially parallel to one side of the box wall, the other portion of said end extended at an angle to said box wall and reaching through the box hole which leaves exposed a part of the box hole edge, including an anchorage portion which reaches beyond the box hole edge to the other side of the box wall, and operating means,

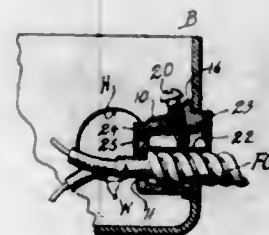
included in the cable and box connecting means, to grip the cable between the box hole edge and member and to positively seat against the box hole edge that connector portion which reaches through said box hole.

1,644,311. CABLE CONNECTER. ALEXIS P. DAVIS, Baltimore, Md., and STEPHEN N. BUCHANAN, New York, N. Y., assignors to The Thomas & Betts Co., Elizabeth, N. J., a Corporation of New Jersey. Filed Nov. 29, 1926. Serial No. 151,587. 20 Claims. (Cl. 247-25.)



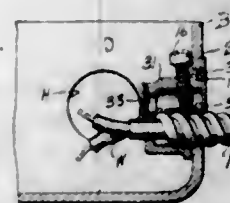
5. A connector comprising, a sleeve, a neck at one end thereof, a ring integral with the neck at right angles to the sleeve axis, box hole anchorage means at the sleeve end opposite the neck, a longitudinal slot cutting through the sleeve and anchorage means, and a screw threaded through the sleeve to grip a cable and expand the anchorage means.

1,644,312. CABLE CONNECTER. GEORGE C. THOMAS, Jr., Elizabeth, N. J., assignor to The Thomas & Betts Co., Elizabeth, N. J., a Corporation of New Jersey. Filed Feb. 25, 1927. Serial No. 170,982. 1 Claim. (Cl. 247-25.)



A connector comprising a sleeve suitable in size to fit into a box hole and including means and being so formed as to directly expose a portion of the box hole edge to a cable therein received, spaced abutments included on the connector between which a box hole edge is received to anchor the connector in the box, a stationary bushing carried with the sleeve at its inner end; a cable clamp plate and means to guide it laterally within the sleeve, a movable bushing rib and groove formed in the clamp plate at one end thereof in radial alignment with and to cooperate with the first bushing named and to permit the clamp plate to lie proximate the sleeve wall, a shutter carried at the other end of the clamp plate to close the sleeve; and operating means carried by the sleeve to move the clamp plate against a cable and grip it against an exposed box hole edge, to close the shutter, to render effective the abutments, and to secure the movable bushing rib and groove down over and against the end of a cable armor.

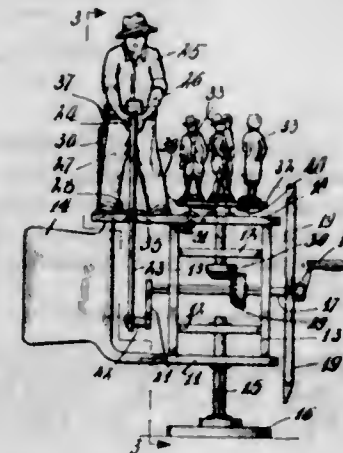
1,644,313. CABLE CONNECTER. GEORGE C. THOMAS, Jr., Elizabeth, N. J., assignor to The Thomas & Betts Co., Elizabeth, N. J., a Corporation of New Jersey. Filed Feb. 25, 1927. Serial No. 170,983. 15 Claims. (Cl. 247-25.)



2. Cable and box connecting means comprising, a box provided with a cable and connector receiving hole,

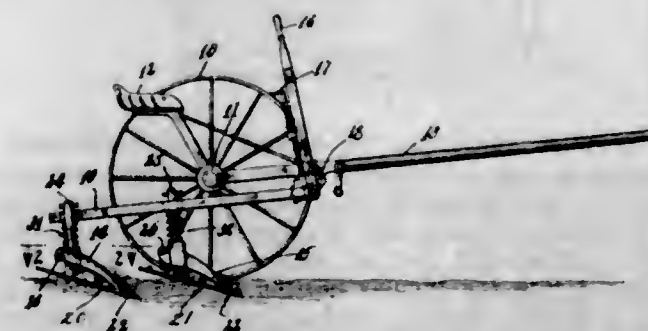
member suitable in size to fit into the box hole, said member including means and being so formed as to expose a portion of the box hole edge, an abutment carried with the member to engage one side of the box wall; and a screw threaded through the member proximate the box wall and pointed toward and to grip the cable against the exposed box hole edge, and including a screw-head as another abutment to engage the other side of the box wall to anchor the connector in the box.

1,644,314. TOY MECHANISM. EDMUND THUM, Pawtucket, R. I. Filed Oct. 21, 1926. Serial No. 143,044. 4 Claims. (Cl. 46-40.)



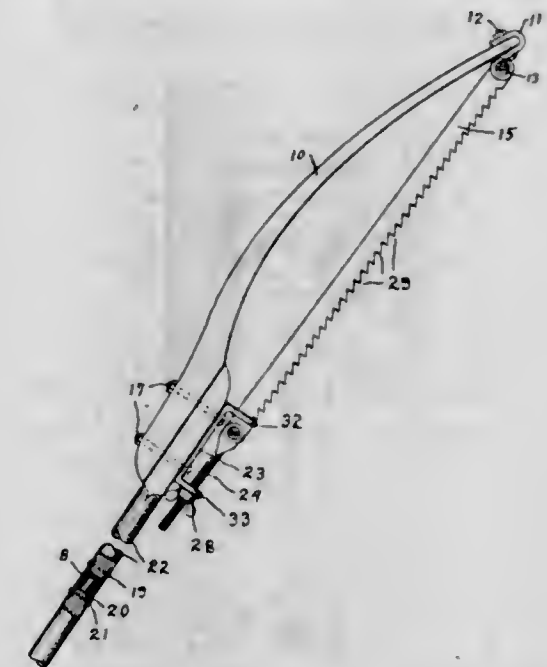
1. In a toy of the class described, a frame comprising a platform, a figure mounted on said platform comprising pivotally attached parts, a shaft rotatively mounted in said frame, a disc frictionally mounted on the end of said shaft, operating mechanism operatively connected with said figure and with said shaft for simultaneously rotating said shaft and operating said figure, and a lever pivotally mounted on said platform and operatively connected with the pivotally attached parts of said figure at one end and adapted at its other end to engage said frictionally mounted disc for interrupting the rotation imparted thereto by said shaft.

1,644,315. CULTIVATING IMPLEMENT. PEDRO N. TORRES, Realitos, Tex. Filed Dec. 11, 1925. Serial No. 74,721. 3 Claims. (Cl. 97-113.)



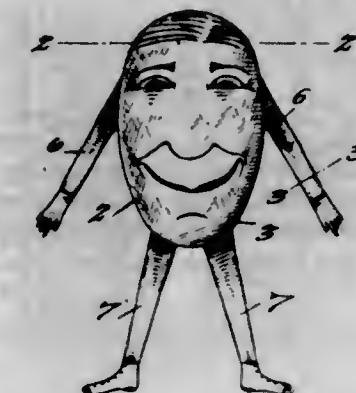
1. A plow comprising a frame, a depending rod slidably mounted in said frame, an angular base member adjustably mounted on said depending rod comprising a substantially flat bottom member provided at its forward end with a sharpened point and a side member disposed at an inclination to said bottom member provided with communicating superimposed slots, a dish share adjustably mounted on said inclined member, and fastening means comprising bolts disposed in openings in said share adapted to extend through said slots, said bolts being adapted to be moved from one of said slots to another thereof for adjusting the position of said share relative to said base member.

1,644,316. TREE SAW. ROY WIARD and ANDREW J. VAN SICK, Audubon, Iowa. Filed Sept. 28, 1925. Serial No. 59,030. 2 Claims. (Cl. 30-11.)



1. A saw comprising a bow of flexible material, a handle section secured at one end of said bow, a yoke secured to said handle section and having lugs, a clip attached to the other end of the bow, a thin, light saw blade carried by said clip and extending through one of the lugs of said yoke, and means coupled to the other end of said saw blade and cooperating with the other lug of the yoke for placing said blade and bow under tension.

1,644,317. STUFFED FIGURE TOY. EDITH M. WILLEY, Seattle, Wash. Filed July 13, 1926. Serial No. 122,224. 1 Claim. (Cl. 46-40.)

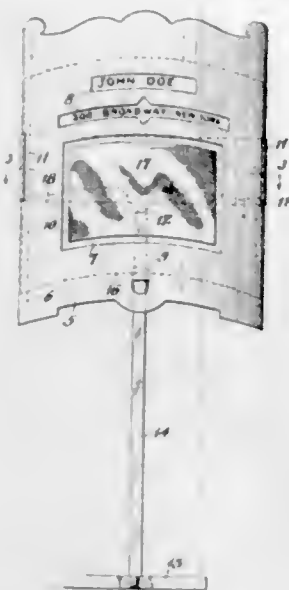


A figure toy comprising a hollow elongated substantially egg shape casing adapted to be distended by stuffing and representing the body and face of the figure, arms secured to the upper portion of the casing, and legs secured to the lower portion of the casing, said arms and legs being made up of two sections of material having their edges turned inwardly and stitched, the turned in edge portions forming means to space the sections a slight distance apart while maintaining them comparatively flat and completely flexible as compared with the body.

1,644,318. SAMPLE-DISPLAY DEVICE. FRANK WOLF, New York, N. Y. Filed Apr. 7, 1922. Serial No. 550,525. 7 Claims. (Cl. 211-24.)

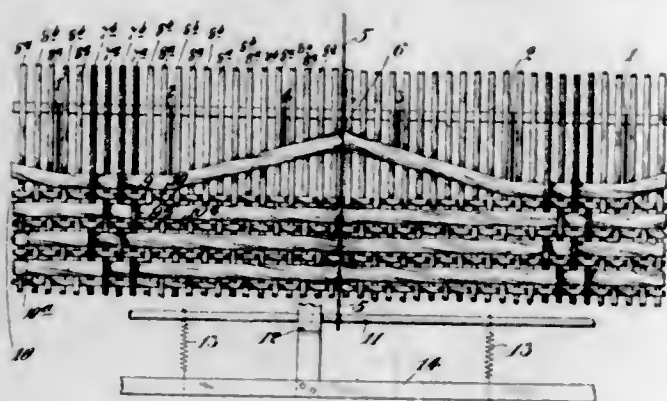
1. In a sample display device, a sheet of flexible material having a fabric sample attached to one side thereof curved from a flat condition into a concavo-convex form.

a supporting member adapted to extend across the concave side of the sheet and having inwardly turned flanges at its edges to receive the opposite side edges of the curved sheet, and an outwardly extending member be-



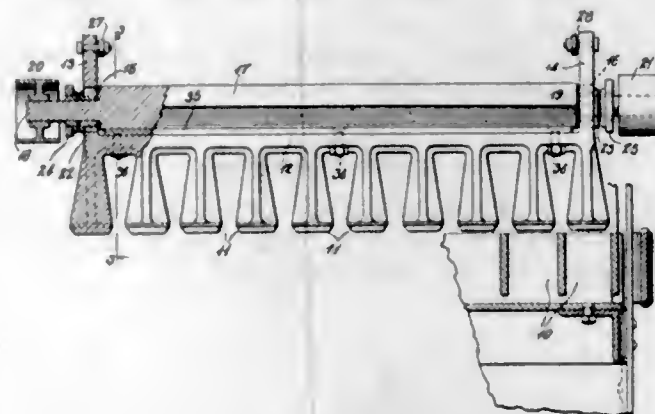
tween said intumed flanges interposed between the supporting member and the concave side of the sheet to hold it with the sample in conjunction with said outwardly extending member around which the sheet and sample will be curved outwardly.

1,644,319. METHOD AND MEANS FOR MAKING PILE FABRICS. THEODOR BACHOFEN, Westbrook, Me., assignor to Bachofen Novelty Fabric Inventions, Inc., a Corporation of New Jersey. Filed Aug. 6, 1921, Serial No. 490,352. Renewed Feb. 26, 1927. 2 Claims. (Cl. 139—116.6)



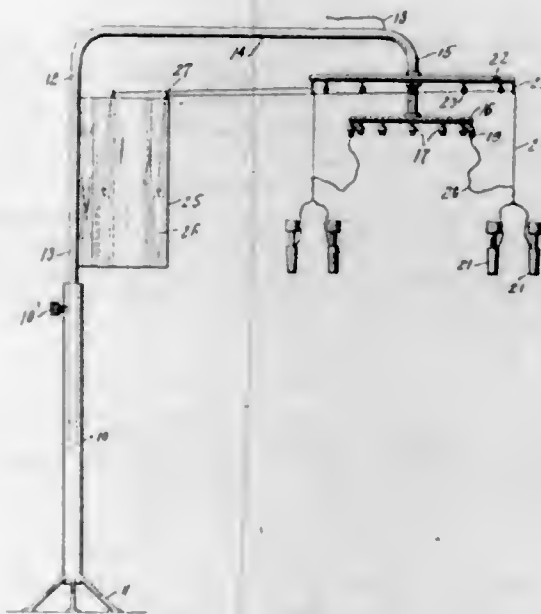
1. An attachment for looms having the usual harness, reed and shuttle, said attachment comprising a set of long, thin blades, a special harness in the rear of the reed to which said blades are attached, said blades extending through the reed parallel with the warp threads and terminating a suitable distance beyond the weaving point whereby said blades may be raised and lowered in approximate parallelism with any desired set of warp threads; said blades being provided with upwardly projecting, rearwardly directed cutting edges normally positioned near the point of farthest forward throw of the reed and held stationary in such position during the forward stroke of the reed; together with the further feature of means for permitting backward and forward movement of the forward ends of the blades when the harness is raised, said means including a transverse member associated with the blade, means for guiding the same parallel with the fabric and a retracting spring to assist in drawing the blade forward when the harness is lowered.

1,644,320. TAMPER. CLYDE H. BLISS, Portland, Oreg. Filed Apr. 9, 1927. Serial No. 182,430. 6 Claims. (Cl. 25—41.)



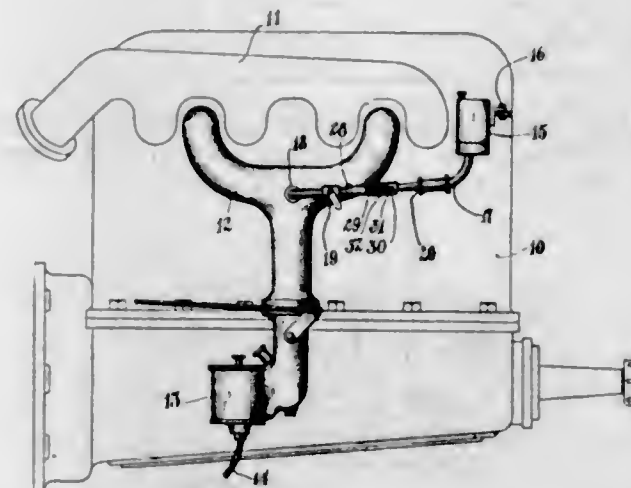
1. A tamper comprising in combination, an impact shoe, a non-cylindrical member resting upon said shoe by gravity while the tamper is in action, means to revolve said member and means to simultaneously lift said member from jarring position and to lift said shoe.

1,644,321. PERMANENT- HAIR- WAVING DEVICE. BELA BOGNAR, New York, N. Y. Filed Sept. 11, 1926. Serial No. 134,852. 1 Claim. (Cl. 132—36.)



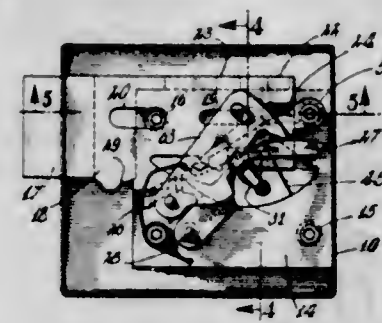
A portable apparatus for waving hair, comprising a plurality of legs, a standard rising therefrom, the upper portion of said standard being tubular, a support including a vertical section and a sidewardly projecting horizontal section, said vertical section being adapted to be telescoped into the tubular portion of said standard and being rotatable thereon, means for fixing said support on said standard in any desired position, a housing secured to the vertical section of said support, a guide member on the sidewardly extending section of said support, heating elements, cords attached to said heating elements in engagement with said guide member extending into said housing, a counter-balancing weight fixed to each cord within said housing, said weights being disposed close to the vertical axis of the vertical section of said support, guides attached to said housing, said cords extending through said last-mentioned guides and the said last-mentioned guides serving also for spacing said weights, an electric-socket carrying member on the sidewardly projecting section of said support, and electrical connections extending from said heating members to the sockets on said socket carrying member.

1,644,322. CARBURETOR DEVICE. PAUL BONCI, Pocatello, Idaho. Filed Jan. 13, 1926. Serial No. 80,899. 1 Claim. (Cl. 123—198.)



Mechanism for supplying oil to an internal combustion engine comprising an oil reservoir, a tube for conveying oil from said reservoir to the manifold of said engine, a Venturi tube removably mounted in said supply tube adapted to be removed for replacement thereof, the tube for conveying oil from the reservoir to the manifold being provided with an air inlet, a tubular member slidably mounted on the last mentioned tube, and means for adjustably fastening the tubular member for regulating the mixture of air with the oil from said reservoir, and an automatic valve disposed in said latter mentioned tube for controlling the flow of oil from said reservoir, said valve being adapted to be opened by the suction of said engine.

1,644,323. COMPOUND LOCK. FRANK BORSODY, East Chicago, Ind. Filed Sept. 4, 1926. Serial No. 133,540. 5 Claims. (Cl. 70—14.)

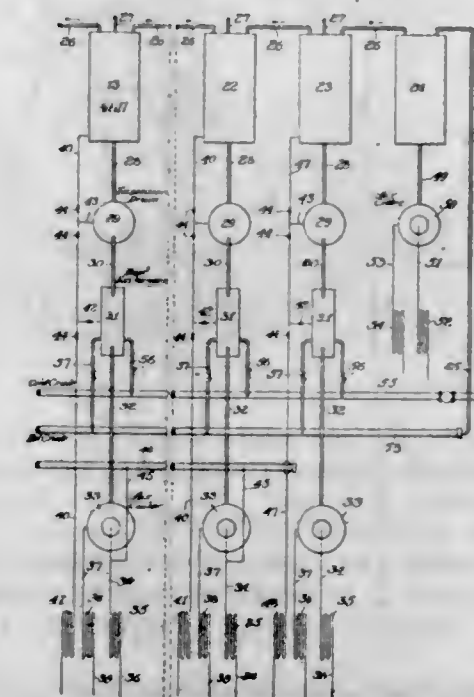


1. In a compound lock, a casing, a main bolt slidably mounted therein, means to secure the said bolt against withdrawal, and also mounted within the said casing, a supplemental bolt in position to engage the bolt first mentioned, a plate separating the said supplemental bolt from the main bolt elements, a movable member with a supplemental key aperture mounted on the plate, means to bring the said supplemental aperture into alignment with a main key hole, and means to actuate the said supplemental bolt and to secure same in operative position.

1,644,324. ART OF CONTINUOUS DISTILLATION OF HYDROCARBON OILS. JAMES RAY CARRINGER, Elizabeth, N. J., assignor to Standard Development Company, a Corporation of Delaware. Filed May 6, 1921. Serial No. 467,456. 2 Claims. (Cl. 196—106.)

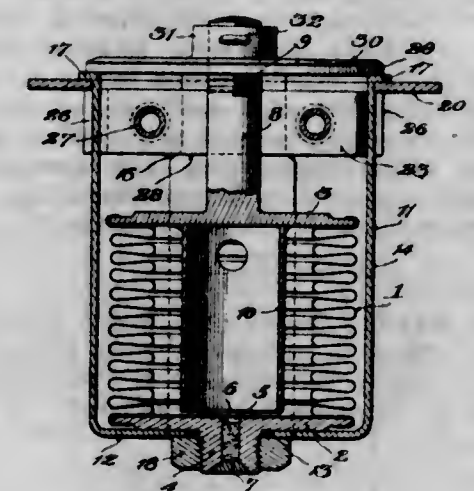
1. In a battery of continuous stills, a plurality of stills arranged in series, a fractional condenser connected to each still, a plurality of condensers, means for conducting

vapors from the fractional condensers thereto, a common pressure equalizing chamber, means for establishing communication between the vapor spaces of the fractional



condensers of the stills and the pressure equalizing chamber and means for flowing oil through the stills in succession.

1,644,325. THERMOSTATICALLY-CONTROLLED VALVE MECHANISM. WILLIAM W. CARSON, Jr., Knoxville, Tenn., assignor to The Fulton Sylphon Company, Knoxville, Tenn., a Corporation of Delaware. Filed Oct. 30, 1926. Serial No. 145,346. 15 Claims. (Cl. 236—34.)

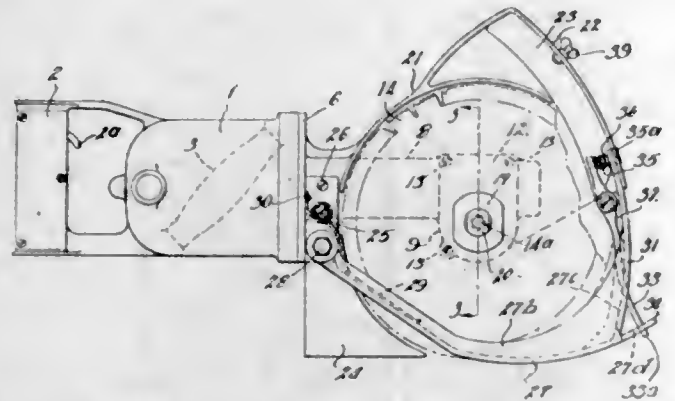


1. In a device of the character described, in combination with a thermostat and a valve member operatively connected thereto, a valve seat ring provided with projections, and a support for said thermostat engaging said projections and cooperating therewith to provide a valve seat for said valve member.

1,644,326. PORTABLE MOTOR-DRIVEN SAW. JOHN M. CROWE, Kenton County, Ky., assignor to The Crowe Manufacturing Corporation, Covington, Ky., a Corporation of Kentucky. Filed Apr. 2, 1925. Serial No. 20,115. 9 Claims. (Cl. 143—43.)

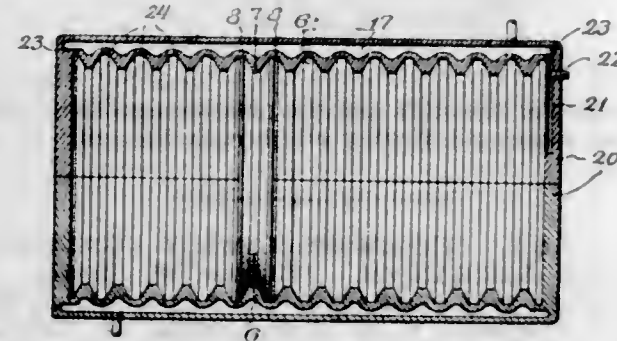
1. In a portable power driven hand tool adapted to be applied bodily to the work and moved along the same by the operator, a frame, a cutting blade operatively mounted thereon, a motor for operating said blade, guarding means movably mounted on said frame to advance or retract to guard or expose a cutting portion of said

blade, and comprising a base having a surface adapted to engage and travel along the work, automatic means effective in all tool positions and tending to advance said



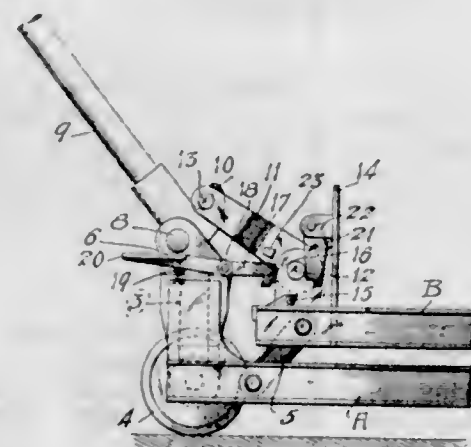
guarding means, and means also effective in all tool positions for automatically securing said guiding means against retreat.

1,644,327. MOLDING AND VULCANIZING APPARATUS. JOHN L. G. DYKES, Chicago, Ill. Filed Sept. 18, 1926. Serial No. 136,241. 4 Claims. (Cl. 18—38.)



1. A molding and vulcanizing apparatus for producing annular objects comprising a series of separate interior matrices with abutting sides, said matrices being provided with peripheral depressions between cylindrical edges and a two-part exterior casing having channels to receive said cylindrical edge portions and projections forming with the depressions of said interior matrices molding and vulcanizing cavities, said exterior casing members being provided with communicating circumferential cavities for the circulation of the heating fluid.

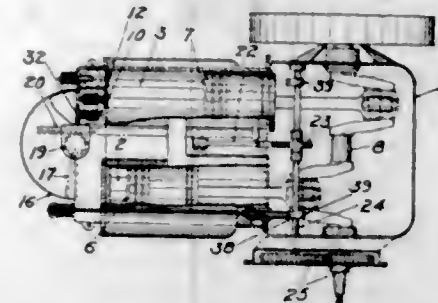
1,644,328. SAFETY DEVICE FOR ELEVATING TRUCKS. FRANK L. EIDMANN, North Bergen, N. J., assignor to Henry S. Germond, Jr., Bayonne, N. J. Filed Jan. 2, 1924. Serial No. 683,918. 15 Claims. (Cl. 254—10.)



1. In a lifting device, the combination of a main frame, an elevating platform movably mounted thereon, a lifting handle on said main frame for raising and lowering the platform, means for separately operatively connecting said handle to said platform to raise and lower the latter,

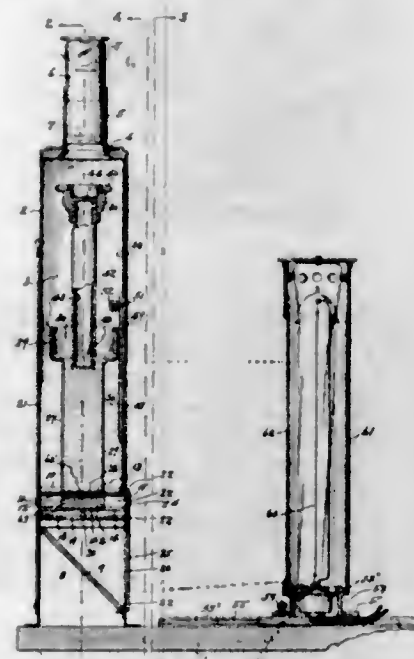
means for holding said platform against accidental descent from its uppermost position, and means for releasably locking said holding means in operative position while said connecting means is operatively engaged with said handle, said last-mentioned means being actuated by said connecting means upon disconnection thereof from said handle to release said holding means.

1,644,329. INTERNAL-COMBUSTION ENGINE. SAMUEL ELIOT, Manchester, Mass. Filed July 2, 1921. Serial No. 482,116. 4 Claims. (Cl. 123—59.)



2. An internal combustion engine of the two-cycle marine type having a carburetor, a mixing chamber on the cylinder head having connections at opposite sides thereof with said carburetor, said connections including check valves preventing the flow of fuel mixture from the chamber to the carburetor but permitting such flow in the opposite direction, a device mounted to swing backward and forward in said chamber to draw a charge from the carburetor into one side of the chamber and simultaneously to compress the charge in the opposite side of said chamber, connections between the opposite sides of said chamber and the engine cylinders through inlet valves for admitting the compressed charge to the engine cylinders, and mechanism driven from the crank shaft of the engine and independent of the engine pistons for operating said device.

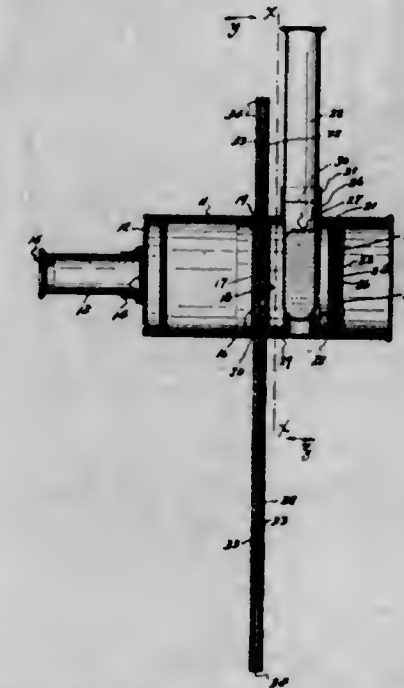
1,644,330. APPARATUS FOR MEASURING FLUIDS FOR TURBIDITY, COLOR, AND OTHER CHARACTERISTICS. WILLIAM G. EXTON, New York, N. Y. Filed June 11, 1923. Serial No. 644,602. 12 Claims. (Cl. 88—14.)



11. An instrument of the kind described, comprising a light-proof cabinet, a transparent fluid cup in said cabinet, a transparent plunger movable into said cup, actuating means for raising and lowering said plunger to vary the depth of the content of said fluid cup, means cooperating with said plunger actuating means for indicating the adjusted depth of the content of said fluid

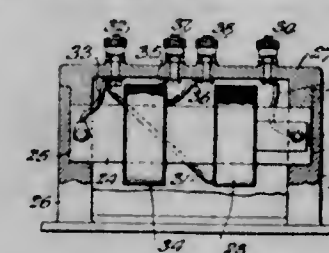
cup, a target beneath said fluid cup, said target comprising an opaque body within the field of which is etched a light transmitting target mark, and means for illuminating said target.

1,644,331. INSTRUMENT FOR MEASURING FLUIDS FOR TURBIDITY, COLOR, AND OTHER CHARACTERISTICS. WILLIAM G. EXTON, New York, N. Y. Filed Oct. 23, 1925. Serial No. 64,864. 11 Claims. (Cl. 88—14.)



1. An instrument of the kind described, comprising a casing having a closed end provided with an eye aperture, and having its opposite end open to the admission of light, a target member mounted within the open end of said casing, a measuring wedge transversely slidable through said casing intermediate said eye aperture and said target member, a transparent fluid receptacle, and means for supporting said receptacle within said casing intermediate said measuring wedge and said target member.

1,644,332. FREQUENCY TRANSFORMER. THOMAS J. FAX, Brooklyn, N. Y. Filed June 13, 1924. Serial No. 719,747. 8 Claims. (Cl. 175—357.)

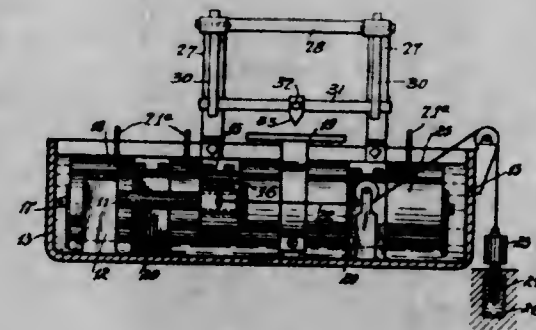


1. A transformer comprising a condenser having its conductor parts of magnetic material, and an electromagnetic winding about the condenser, the winding and said condenser being connected together for inclusion in a common circuit.

1,644,333. DEVICE FOR DETERMINING A DIFFERENCE IN LENGTH. HANS GERDIEN, Berlin-Grünwald, Germany, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany, a Corporation of Germany. Filed Mar. 5, 1924. Serial No. 697,028, and in Germany Mar. 6, 1923. 3 Claims. (Cl. 33—19.)

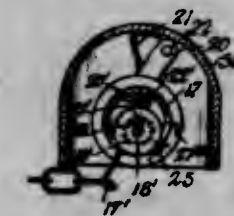
1. In a dividing machine of the character described, the combination of a main base plate, an elastic body fixed at one end to said plate, means for applying a

definite mechanical force to the other end of said body to deform it a predetermined extent, a movable table for supporting the object to be divided, said table having means for alternately attaching it to said elastic body to follow the deformations of the latter when said force



is applied, and to the main base plate while the deforming force is released, and a marker mounted above said table and adapted to mark the object when said body is deformed, said marker being fixed with respect to the deformation direction of said body.

1,644,334. THEFT-PREVENTING DEVICE FOR AUTOMOBILES. BOLESŁAW GOŁEMBIŃSKI, Utica, N. Y. Filed July 13, 1925. Serial No. 43,074. 2 Claims. (Cl. 242—85.)



1. In a device of the class described, a casing, a hollow drum rotatably supported therein, a handle connected to the drum, a ratchet wheel fastened to one side of the said drum, a pawl pivotally mounted on the casing and engageable with the said ratchet wheel, said hollow drum being formed with an opening in the side, a shaft rotatable within the hollow drum, an inner drum fixed on the shaft, a finger projecting from the inner drum emerging from the opening in the first mentioned drum, a ratchet wheel fastened to the side of the inner drum, a pawl pivotally mounted in the first mentioned drum, and engageable with the last mentioned ratchet wheel, and means for normally urging the said pawls into engagement with the ratchet wheels.

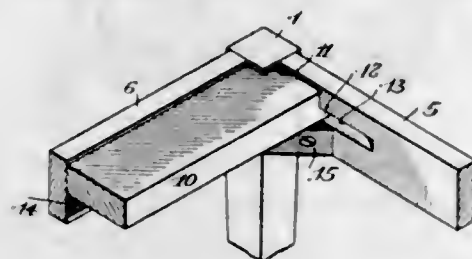
1,644,335. RECORD CYLINDER CARRIER OF SPEECH RECORDING OR REPRODUCING MACHINES. WILHELM GROENEBAUM, Neu-Babelsberg, near Berlin, Germany, assignor to the Firm Naamloose Vennootschap Financieel Maatschappij "Driebergen," Scheveningen, Netherlands. Filed Mar. 5, 1925. Serial No. 13,083, and in Germany Jan. 28, 1925. 8 Claims. (Cl. 274—40.)



2. A carrier for the record cylinders of speech recording and reproducing machines, comprising a hollow metal body provided with longitudinal slots having their opposite

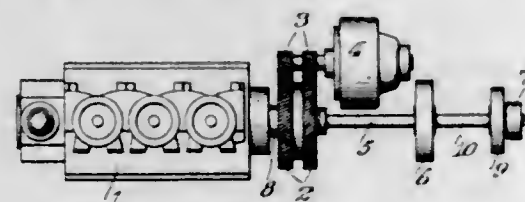
ends closed, said slits extending lengthwise of the body, to divide the latter into a plurality of strips, the latter curving outwardly intermediate their ends to impart an outwardly bulging form to said drum in its normal condition.

1,644,336. CHAIR. WILLIAM H. GUNLOCKE, Wayland, N. Y., and GEORGE J. PIKE, Grand Rapids, Mich., assignors to The W. H. Gunlocke Chair Company, Wayland, N. Y., a Corporation of New York. Filed June 7, 1923. Serial No. 643,880. 1 Claim. (Cl. 155—196.)



In a chair the combination with front and back legs and a rectangular seat frame supported thereby, the side rails of which are provided with mortises in their inner faces and which are secured in adjacent faces of each of the pair of front legs leaving a corner of the leg projecting within the frame, of a reinforcing rail within and spanning the frame below the plane of its upper edges to lie against the front rail throughout the length thereof and having ends provided with tenons cooperating with the inner side mortises in the side rails and further provided with recesses receiving and bracing the aforesaid corner portions of the legs and corner blocks bracing the front and side rails in contact with the reinforcing rail and with the leg.

1,644,337. POWER TRANSMISSION. FREDERICK HYMANS, Philadelphia, Pa. Filed Oct. 14, 1922. Serial No. 594,450. 3 Claims. (Cl. 74—7.)

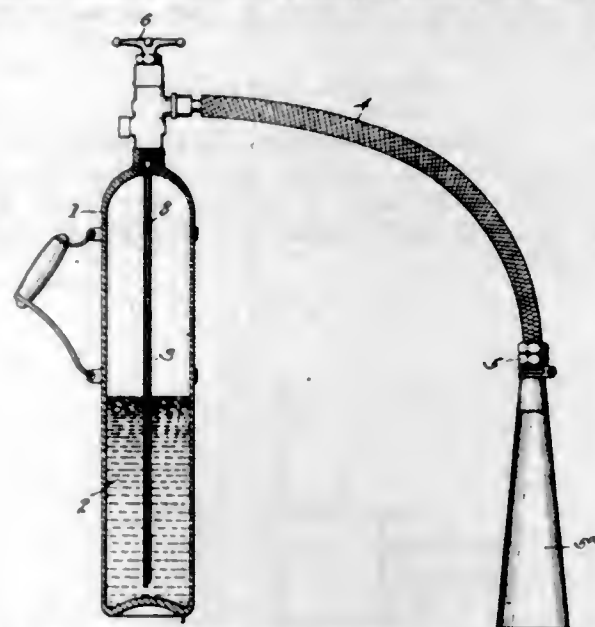


1. The herein described power transmission drive, comprising a prime mover and its shaft, a machine to be driven, and transmission gearing between the shaft of the prime mover and the driven machine, combined with rotating means for counter-acting periodic vibrations of torque at the gearing, said means coupled to and in synchronous relation to the prime mover and gearing, wherein the prime mover is arranged for running under a plurality of predetermined speeds and produces a corresponding periodic variation of torque which is transmitted to the gearing, and wherein further the means for counteracting it has a corresponding plurality of periods of free vibration with frequencies corresponding to the frequencies of impressed periodic torque due to the prime mover under its changes in speed, whereby these periodic torsional vibrations of the gearing under the changes in speed are automatically counteracted.

1,644,338. DISCHARGING CARBON DIOXIDE. CHARLES L. JONES, Pittsburgh, Pa. Filed Mar. 31, 1925. Serial No. 19,562. 9 Claims. (Cl. 62—170.)

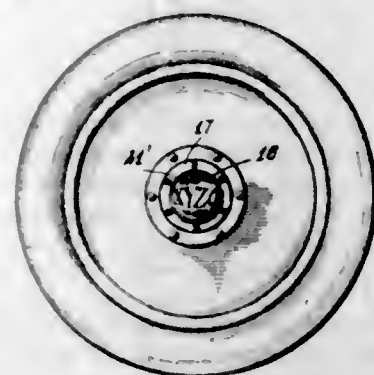
1. The method of discharging carbon dioxide under high pressure, comprising localizing the greater part of

the pressure drop at a constricted discharge orifice, and thermally insulating the passage leading to the orifice



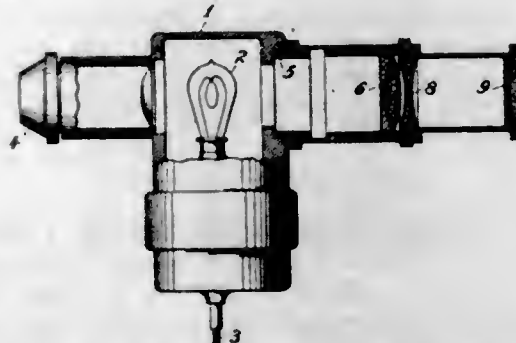
from the cooled expanded stream of carbon dioxide emerging from the orifice to prevent stoppage of flow therethrough.

1,644,339. STATIONARY HUB FOR VEHICLES. IRWIN L. KALATZKY, New York, N. Y. Filed Dec. 20, 1926. Serial No. 155,883. 5 Claims. (Cl. 40—129.)



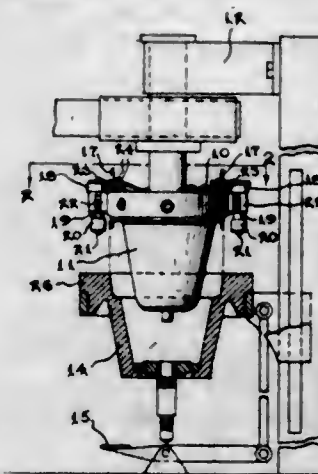
1. In combination with a device of the class described, a plate member adapted to engage in the rear wheel hub cap of a motor vehicle, said plate member positioned intermediate a nut adapted to attach a rear wheel hub of a motor vehicle to the rear axle shaft of the said motor vehicle, and a stationary member mounted in the said rear wheel hub cap, said plate member provided with apertures.

1,644,340. OPTICAL PYROMETER. GEORG KEINATH, Berlin-Charlottenburg, Germany, assignor to Siemens and Halske Aktiengesellschaft, Berlin, Germany, a German Corporation. Filed Nov. 23, 1925. Serial No. 70,851, and in Germany May 29, 1925. 3 Claims. (Cl. 88—14.)



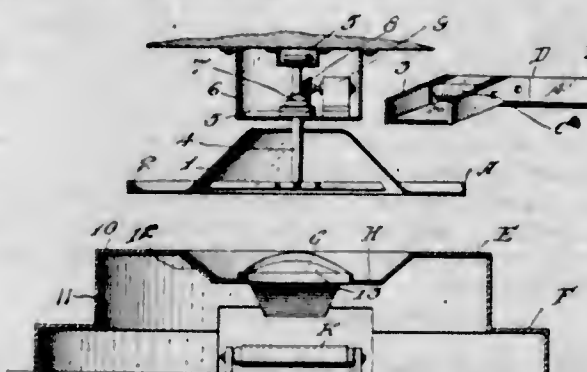
1. In an optical pyrometer, a source of light, an exchangeable eye piece device, an exchangeable objective device and a tele-objective device adapted to be connected to the pyrometer and serving to make the same employable for measurements over relatively wide distances.

1,644,341. FLOWERPOD DIE. GEORGE LOWRY, Roseville, Ohio. Filed Oct. 26, 1926. Serial No. 144,376. 6 Claims. (Cl. 25—26.)



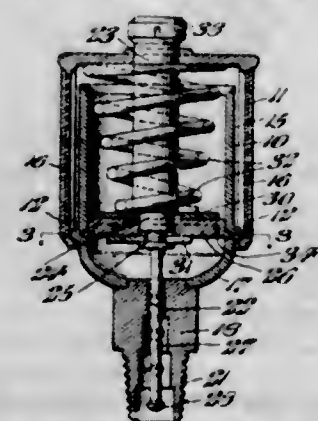
1. A pot die for use with a spinner head and a cooperating mold, the same being provided with scraper elements disposed adjacent the periphery of the mold at the upper edge in one position of the die with relation thereto, the scraper elements being movably mounted in the die and automatically retracted into inoperative position on the full depth of penetration of the die into the mold.

1,644,342. CENTRAL PACKAGE-WRAPPING STATION. WILLIAM R. MAREE, Newark, N. J. Filed Apr. 27, 1926. Serial No. 104,926. 9 Claims. (Cl. 198—19.)



1. An article handling station comprising an annular table around the outside of which operators may be located and having a space for operators at its center, a rotatable table arranged above said annular table and concentric therewith and having a diameter greater than said space and smaller than said annular table, and means for depositing articles upon said rotatable table, whereby articles may be removed from said rotatable table and operated upon by the operators at the outside of said annular table and passed to the operators in said space.

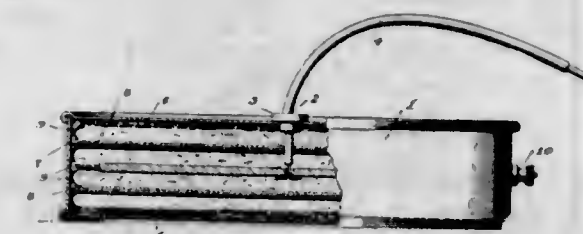
1,644,343. PRESSURE LUBRICATOR. JOHN FRANKLIN MACINDOE, Philadelphia, Pa. Filed Jan. 11, 1927. Serial No. 160,389. 1 Claim. (Cl. 184—45.)



A lubricator comprising in combination a cup having a stepped discharge bore to increase the discharge area by stages from said cup to the outlet, a cap for said cup,

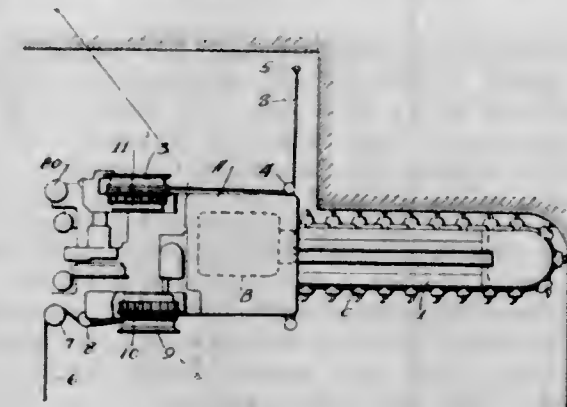
a spring pressed piston between said cap and said cup and bearing upon lubricant in said cup and an extension connected to said piston having a head located in said bore.

1,644,344. PRIMARY CELL. MARTIN L. MARTUS, Woodbury, and EDMUND H. BECKER, Waterbury, Conn. Filed Dec. 29, 1926. Serial No. 157,765. 6 Claims. (Cl. 136—116.)



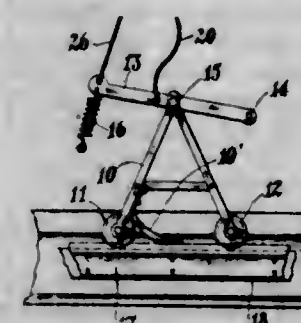
1. The process of preparing a separating material for assembly and use in primary cells of the type having a copper oxid cathode, a zinc anode and a caustic alkali electrolyte, which comprises treating cellulose with a solution of sodium zincate having a concentration of about 40° Baumé.

1,644,345. MINING MACHINE. WILLIAM T. MCCULLOUGH, Chicago, Ill., assignor to Goodman Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Original application filed Dec. 29, 1922. Serial No. 609,617. Divided and this application filed Oct. 29, 1923. Serial No. 671,286. Renewed May 2, 1927. 5 Claims. (Cl. 254—184.)



1. In a device of the class described, in combination with a rotatable member, a gear and a frictionally controlled ring both mounted loosely on said rotatable member and each having pawls adapted to engage said gear and said ring respectively, cams associated with said pawls, and a control member mounted on said rotatable member having a pair of tension devices each adapted to engage one of said cams, and movable into a plurality of positions for rocking the pawls in opposite directions.

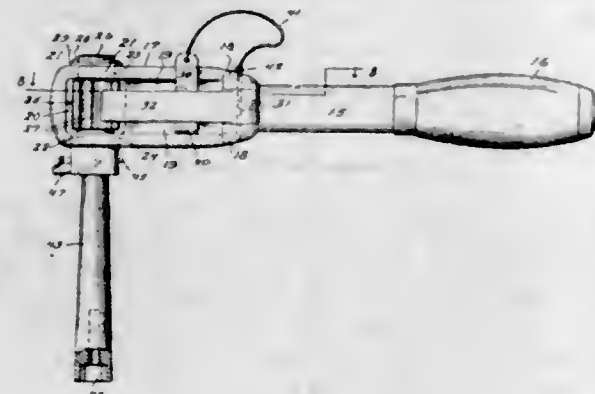
1,644,346. AUTOMATIC TRAIN-STOPPING DEVICE. FRANCESCO MIGNOGNE, Greensburg, Pa. Filed Jan. 22, 1926. Serial No. 82,989. 2 Claims. (Cl. 246—67.)



1. A contact shoe comprising a frame, spaced wheels rotatively mounted on the bottom of said frame adapted to roll on a rail, a lever attached to said frame at the

top thereof, said lever being pivotally attached at one end to a locomotive, a spring attached at one end to the free end of said lever and at its other end to said locomotive for retaining said wheels in engagement with said rail, a retaining said wheels in engagement with said rail, a frictional contact member comprising resilient material mounted on said frame adapted to frictionally engage said rail and a cord attached to the free end of said lever for rotating said frame about the pivot of said lever to disengage said resilient contact from said rail while retaining one of said wheels in engagement with said rail for guiding the replacement of said contact on said rail upon the release of said cord.

1,644,347. RATCHET-WRENCH OUTFIT. GEORGE W. MYERS, Philadelphia, Pa. Filed July 29, 1926. Serial No. 125,645. 2 Claims. (Cl. 81-62.)



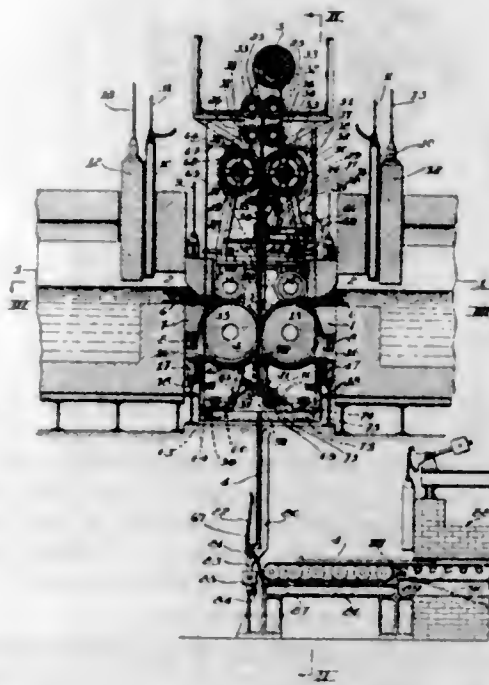
2. A wrench of the character described comprising an elongated shank having one end constituting a handle and terminating at its other end in a head having an opening therethrough and formed with grooves in the opposite sides leading into the opening, a member rotatably mounted within the head at the opening therein and formed as a ratchet, said member projecting beyond one side of the head with said projecting portion socketed for the reception of a bit element, a pair of pawls pivoted at the juncture of the head with the shank and spring pressed toward said ratchet member, the opposite sides of the head being formed with grooves transversely of and leading into said first named grooves, and a wedge member engageable within a selected one of the second named grooves for holding a selected pawl out of engagement with said ratchet member, the second named grooves terminating at the far side of the first named grooves, and the end of the wedge member being curved to facilitate its insertion between the bottom of the second named groove and the adjacent face of the pawl member to be held inactive.

1,644,348. MEDICAL PREPARATION CONTAINING ARSENIC AND PROCESS FOR MAKING THE SAME. IWAN OSTROMISLENSKY, Locust Point, N. J., assignor to Ostro Products Corporation of America, Jersey City, N. J., a Corporation of New Jersey. Filed July 22, 1922. Serial No. 576,883. 9 Claims. (Cl. 167-7.)

3. A composition useful for the treatment of syphilis, and diseases yielding to treatment by arsenic, comprising an organic arsenious oxide having by itself a high toxicity when present in the human body in the quantity of a dose, gum-arabic, said toxicity being reduced by said gum-arabic to permit intravenous or other introduction into the body, and glucose adapted to cause the compound to become isotonic with respect to blood.

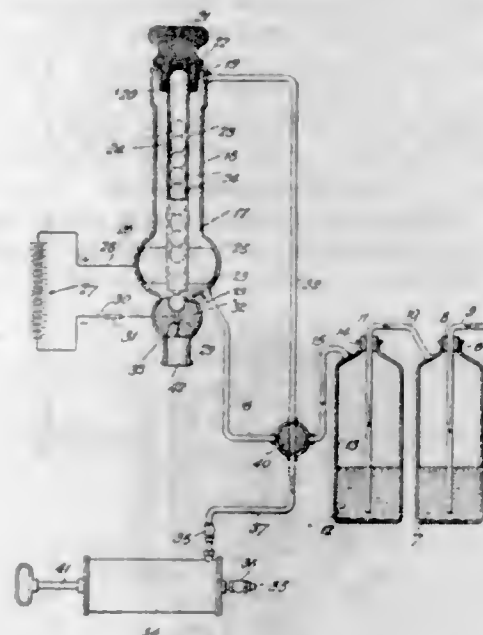
9. A composition useful in disease yielding to treatment by arsenic, comprising an aromatic arsenious oxide containing a phenyl group and a protective colloid, the toxicity of said arsenious oxide containing the phenyl group being reduced by said colloid to permit intravenous or other introduction into the body.

1,644,349. APPARATUS FOR MAKING REINFORCED GLASS TILE. WILLIAM OWEN, Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company, a Corporation of Pennsylvania. Filed Mar. 18, 1926. Serial No. 95,690. 11 Claims. (Cl. 49-32.)



1. In combination with a machine for continuously flowing two ribbons of glass, so that they converge and meet, and means for pressing the ribbons together, of means for feeding a continuous wire mesh toward the juncture of the ribbons, means for severing the wire mesh into sections before the ends of the sections reach the juncture between the ribbons and causing the sections to move forward so as to space apart the severed ends of the sections, and means for severing the reinforced glass into sections along lines intermediate the ends of the mesh sections.

1,644,350. PROCESS AND APPARATUS FOR CONCENTRATING ACTIVE DEPOSIT. HARRY B. PALMER, Mendham, N. J. Filed Apr. 15, 1925. Serial No. 23,288. 8 Claims. (Cl. 167-7.)

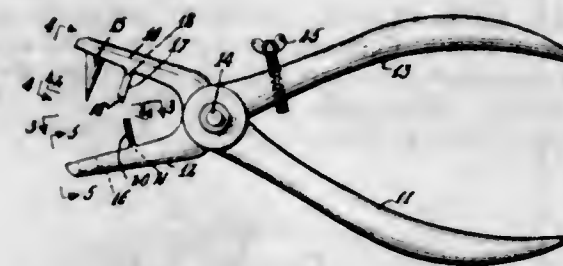


1. A process of concentrating active deposit upon a plurality of carrying bodies in succession which consists in introducing said carrying bodies into a vessel, introducing emanation of radio active material into said vessel, subjecting said bodies to a negative electrical

potential, shielding said bodies against active deposit, successively unshielding said bodies whereby such unshielded bodies may be successively subjected to said emanation.

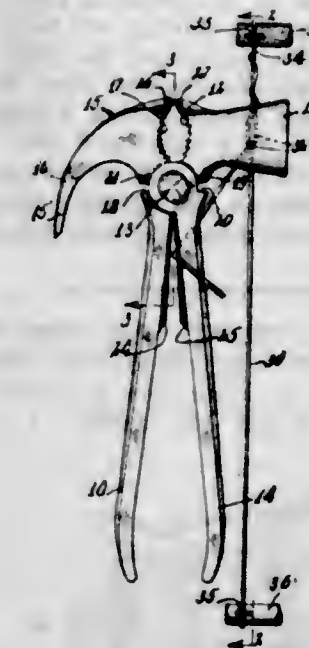
2. An apparatus for concentrating active deposit upon a carrying body comprising a vessel adapted for the reception of a carrying body, means for introducing emanation of radio active material into said vessel, means for subjecting said body to a negative electrical potential in the presence of said emanation, and combined sealing and dispensing means adapted to be actuated to remove said carrying body from said vessel while maintaining said vessel closed.

1,644,351. ELECTRICIAN'S PLIERS. VINCENZO PELLEGRINO, Rye, N. Y. Filed Dec. 11, 1925. Serial No. 74,710. 3 Claims. (Cl. 81-9.5.)



1. A device for skinning wire comprising cutting edges for removing insulation from individual wires and a separating means for separating twisted wires positioned in advance of said cutting edges adapted to unbraid said wires while the latter are being drawn over said cutting edges.

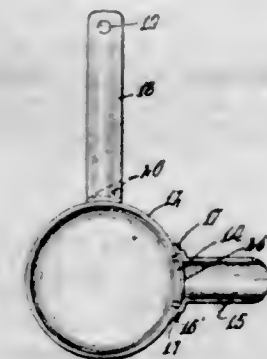
1,644,352. COMBINATION TOOL. EDWIN P. PERRIN, Maple Creek, Saskatchewan, Canada. Filed Oct. 28, 1926. Serial No. 144,705. 1 Claim. (Cl. 7-4.)



In a device of the class described, a handle comprising pivotally attached sections, a hammer head on the extremity of one of said pivotal sections, and tapered corrugated extensions on the inner edges of said handle sections commencing at the pivoted joint thereof and extending rearwardly therefrom in registering relation, adapted to grip the end portion of a wire, for firmly holding the same while intermediate portions of said wire are being wound around said hammer head by manipulation of said device, the space between said tapered extensions converging forwardly and terminating substantially at the pivotal point of said handle sections to provide a gripping capacity of increasing magnitude as the wire is drawn forwardly during the winding operation.

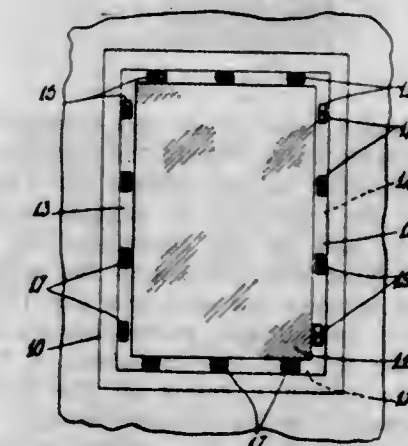
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1,644,353. SAFETY BOILING VESSEL. JOSEPH RADOLSKY, New York, N. Y. Filed Feb. 23, 1927. Serial No. 170,137. 5 Claims. (Cl. 53-8.)



1. A safety boiling vessel, comprising a vessel formed with a cutout at its upper edge, a spout comprising a flange having an offset edge portion adapted to provide a recess between the inner portion of said flange and the side of said vessel positioned at the cutout, rivets disposed through the offset portion of said flange and through the sides of said vessel for attaching the spout thereto, a handle secured to another portion of the vessel, a cover with a central handle, and formed with upturned edges capable of snugly fitting on the said vessel, and means disposed in the recess between said flange and the side of said vessel for substantially changing the size of the cutout of the latter.

1,644,354. WINDOW-FASTENING DEVICE. STANLEY RADLOWSKI, Ward, W. Va. Filed Mar. 23, 1927. Serial No. 177,588. 2 Claims. (Cl. 20-56.4.)

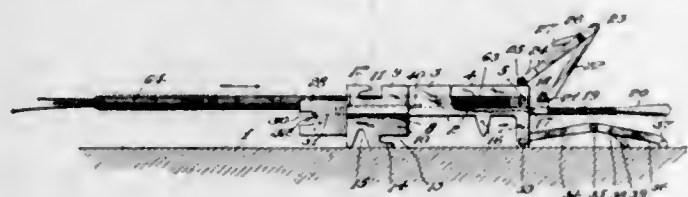


1. In combination with a window frame and associated window pane, a strip of material adapted for engagement in the corners formed by the frame and pane, another strip of material on the said strip, the first mentioned strip being recessed at certain portions along its length, the second mentioned strip being formed with apertures aligned with the recesses, tongues projecting from the second mentioned strip into the recesses, a roller supported in each recess between a pair of the tongues, each roller being formed with an aperture, and nails guided through the last mentioned apertures, and forced into the first mentioned strip and the window frame.

1,644,355. REED-BENDING AND TUFT-FORMING APPARATUS. LOUIS J. REMMELE, Newark, N. J., assignor of one-half to Amelia Maler, Newark, N. J. Filed Nov. 10, 1926. Serial No. 149,332. 12 Claims. (Cl. 800-7.)

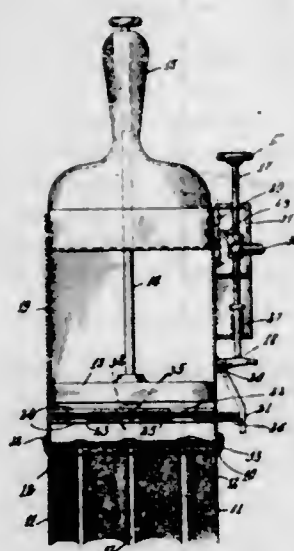
1. In a reed-tuft-forming device, a main frame adapted to receive a quantity of straight reeds, so that portions of the reeds will project from an end of said frame,

means for clamping the inserted portions of the reeds in said frame, a supplementary frame for bending the projecting portions of the reeds, and additional clamping



means connected with said main frame, for clamping the bent portions of the reeds in position within the main frame so as to produce a tuft.

1,644,356. MAGAZINE PAINTBRUSH. RODOLFO ROGERS, Culiacan, Mexico. Filed Jan. 22, 1926. Serial No. 83,003. 2 Claims. (Cl. 15-138.)

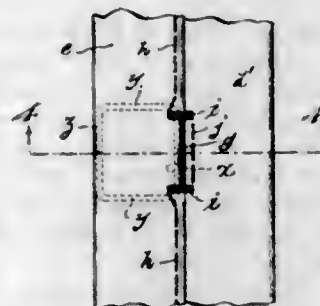


1. In a magazine paint brush, the combination of the container, a slidable valve therein for regulating the flow of paint, an extension on the slidable valve extending to the exterior of the container, an angular lever pivotally mounted on the side of the container, the lower arm of the angular lever contacting with the said extension, a spring acting between the said arm and the container, normally urging the slidable valve outwardly, a casing mounted on the side of the container, a rod slidably mounted in the casing, a collar on the rod positioned within the casing, a spring disposed around the rod between the collar and the bottom of the casing, normally urging the rod in one direction, the lower end of the rod being extended through an opening in the casing and engageable against the upper arm of the angular lever, a pawl pivotally mounted on the rod, a rack rigidly mounted on the side of the container, and the pawl normally engaging the rack, to hold the rod in adjusted position, against the action of the spring disposed around the rod, and abutting the second mentioned arm of the angular lever, to hold the first mentioned arm of the angular lever, and the connected extension in adjusted position against the action of the spring acting against the said first mentioned arm.

1,644,357. GARMENT-FASTENER MEANS. LEO ROSEMAN, Newark, N. J. Filed Dec. 22, 1926. Serial No. 156,474. 7 Claims. (Cl. 2-265.)

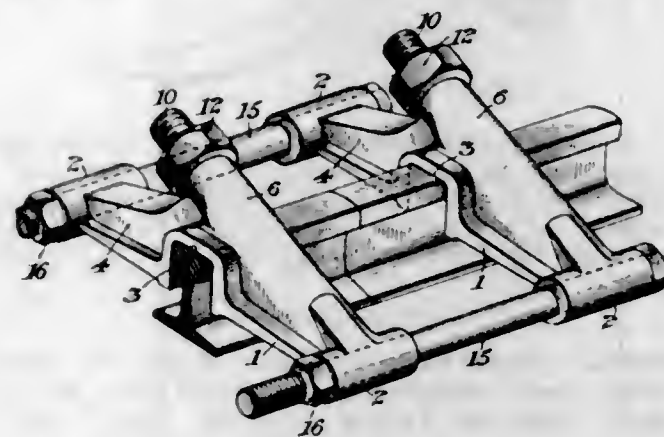
1. A garment fastener means separably engageable by hook-fasteners, comprising a pocket forming strip having a longitudinally folded inner edge, means upon which said pocket forming strip is applied, stitching to secure said edge to said means upon which said strip is applied, said stitching being interrupted at intervals to form

hook-bill receiving pockets entering under said edge and beneath said strip, and a rigid reinforcing and pocket-bill forming member within the free portion of said folded



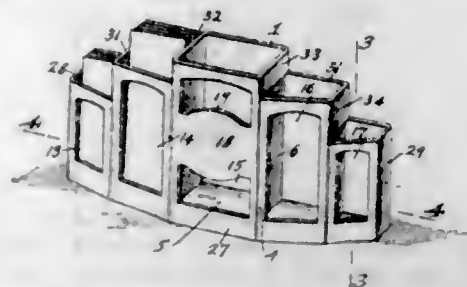
edge bounding each pocket, said reinforcing member having means cooperating with said stitching to prevent its displacement.

1,644,358. RAIL CLAMP. HERMANN SCHULTZ, Lankwitz, near Berlin, Germany, assignor to Metal & Thermit Corporation, Carteret, N. J., a Corporation of New Jersey. Filed Apr. 1, 1925. Serial No. 19,864. and in Germany May 1, 1924. 6 Claims. (Cl. 254-43.)



1. A clamp for use in butt-welding rails and the like comprising two yokes each having end sockets, bolts engaging said sockets for connecting the yokes laterally of the rail engaging portions thereof, each yoke provided with a rail straddling recess having a vertical wall to engage the gage side of a rail head and a horizontal wall to engage the rail tread, and means carried by each yoke to exert pressure on the opposite side of the rail head to bring said gage sides and said treads into alignment.

1,644,359. DISPLAY STAND. PAUL STELLMACH, Brooklyn, N. Y., assignor to Seovill Manufacturing Company, Waterbury, Conn., a Corporation of Connecticut. Filed Jan. 13, 1925. Serial No. 2,058. 4 Claims. (Cl. 211-24.)



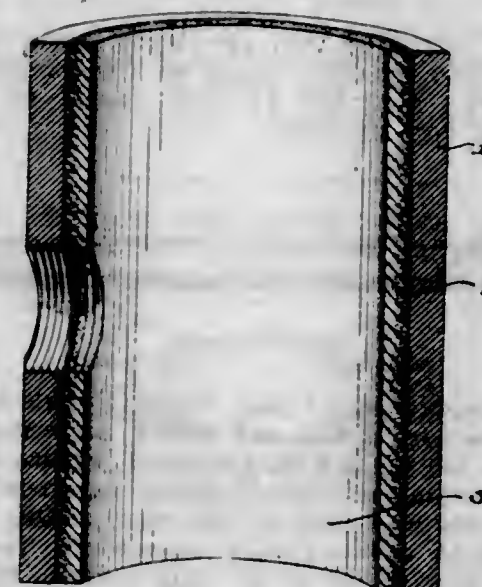
1. A display case or stand comprising a back piece bent outwardly at its lower edge to form a base or bottom, a front piece secured to the base and having wings bent around and secured to the back piece at the rear to form the ends of the stand, partition pieces of different heights secured to the base dividing the stand into pockets open at the top, flaps on the front piece secured around the upper part of the partition pieces and to the back, and cutouts in the front piece opening into the pockets.

1,644,360. WATER PIPE AND METHOD OF MAKING THE SAME. BENJAMIN TALBOT, Northallerton, England, assignor to Talbot Noncorrosive Linings Company, Philadelphia, Pa., a Corporation of Delaware. Filed July 5, 1924. Serial No. 724,537, and in Great Britain July 14, 1923. 9 Claims. (Cl. 29-156.)

1. A water pipe, light in weight, consisting of a plate of steel or iron having a well defined pattern impressed thereon and which is rolled into pipe form and welded and has a coating of material applied to the patterned surface to protect the metal from rust.

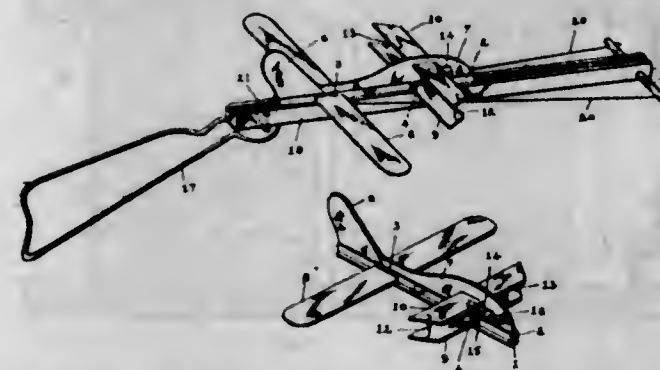
9. The process which consists in rolling a well defined pattern upon the surfaces of a hot iron or steel plate and covering the patterned surfaces with a protective coating keyed to said plate by such patterned surface.

1,644,361. LINED PIPE. BENJAMIN TALBOT, Middlesbrough, England, assignor to Talbot Noncorrosive Linings Company, Philadelphia, Pa., a Corporation of Delaware. Original application filed July 5, 1924. Serial No. 724,538, and in Great Britain July 31, 1923. Divided and this application filed Sept. 14, 1925. Serial No. 56,391. 4 Claims. (Cl. 137-75.)



1. As a new article of manufacture, a metallic body of cylindrical bore having an internal lining comprising a mixture of a hydrocarbon material and a powdery reinforcing material, the percentage of reinforcing material present in the lining increasing from its inner or exposed surface towards the surface in contact with the pipe.

1,644,362. FLYING TOY. SIDNEY C. WILSON, Rochester, N. Y., assignor to Walter F. Wolf, Rochester, N. Y. Filed Nov. 3, 1926. Serial No. 146,048. 1 Claim. (Cl. 244-12.)



A flying toy having a fuselage comprising a longitudinal member having a pair of slots therein, a channel in the top of said fuselage, a tail engaging into said channel at the rear of said fuselage and a body member

engaging into said channel near the front of said fuselage, said body having a slot near the front thereof, a guide rod supported in said body member, a weight mounted to slide on said guide rod, a large wing member supported in the slot at the rear of said fuselage and a small wing member mounted in the slot near the front of said fuselage, a second small wing member mounted in said body member above said first small wing member and yielding connecting members on the outer ends of said short wing members to hold said short wing members parallel with each other.

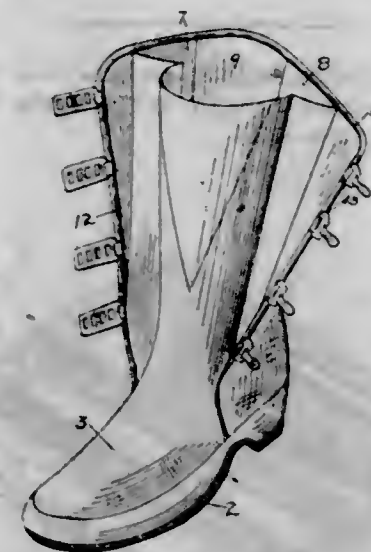
1,644,363. ARTIFICIAL BREATHING ATMOSPHERE AND TREATMENT OF PERSONS EXPOSED TO ABNORMAL PRESSURES. WILLIAM P. YANT, Pittsburgh, Pa.; ROYD R. SAYERS, Washington, D. C.; and JOEL H. HILDEBRAND, Alameda, Calif. Filed May 20, 1925. Serial No. 31,690. 17 Claims. (Cl. 167-7.)

2. A respiratory atmosphere composed principally of oxygen and helium, the percentage of oxygen being less than that in air, and such that when breathed under supernormal pressures irritation to the respiratory tract or oxygen poisoning will not occur.

11. In the treatment of persons undergoing extreme changes in pressure, the steps which consist in supplying to such persons, while under compression, respiratory atmosphere composed principally of oxygen and nitrogen, and supplying, while under decompression, a respiratory atmosphere composed principally of oxygen and helium.

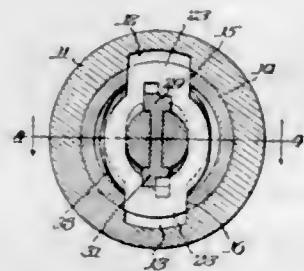
15. In the treatment of persons undergoing extreme changes in pressure, the steps which consist in supplying to such persons while under compression a respiratory atmosphere composed principally of oxygen and nitrogen, the percentage of oxygen being less than that in air and such that when breathed under supernormal pressures irritation to the respiratory tract of oxygen poisoning will not occur, and supplying, while under decompression, a respiratory atmosphere composed principally of oxygen being less than that in air and such that when breathed under supernormal pressures, irritation to the respiratory tract or oxygen poisoning will not occur.

1,644,364. OVERSHOE AND PROCESS OF MANUFACTURING THE SAME. CHARLES H. BAKER, Hudson, Mass., assignor to Firestone-Apsley Rubber Company, Hudson, Mass., a Corporation of Massachusetts. Filed June 3, 1926. Serial No. 113,490. 4 Claims. (Cl. 36-5.)



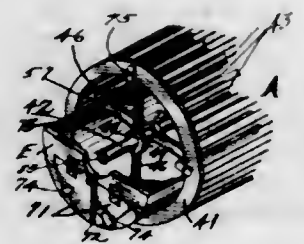
1. An overshoe of the arctic type comprising a rubber bottom and a rubberized cloth upper, said upper including outer and inner plies of fabric adhesively secured together, fastening means secured between said plies at one of the front edges of said upper to facilitate the fastening of the shoe about the ankle of the wearer, the edges of the outside plies being folded over and the inner plies being adhesively secured at the edges to the outer plies.

1,644,365. KEY LOCK. EDWARD OLIN BENNETT, Chicago, Ill., assignor to Walter C. Hayes. Filed Feb. 28, 1923. Serial No. 621,714. 8 Claims. (Cl. 70-46.)



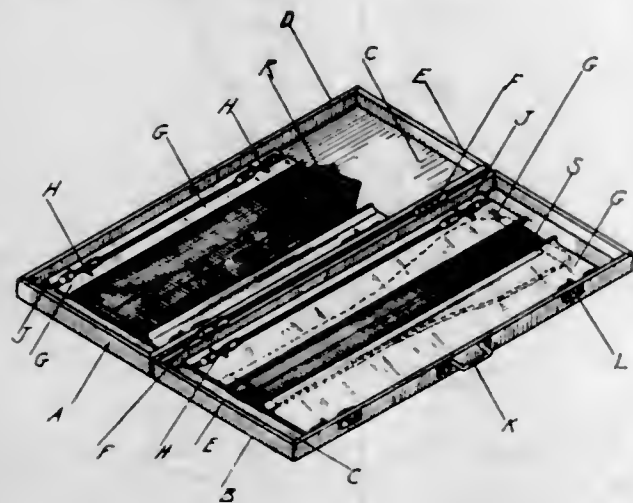
1. In a lock the combination of an internally grooved and relatively stationary barrel having a substantially unbroken surface, a rotatable cylinder within said barrel, a slotted key guide rotatably mounted within said cylinder, a plurality of tumblers surrounding and carried by said key guide and adapted to move transversely of said guide into engagement with the grooves of said barrel, and a key insertable in said guide for actuating said tumblers and rotating said cylinder.

1,644,366. MEANS FOR PICKING UP OBJECTS AND ARTICLES. JASPER C. BROWN, Los Angeles, Calif., assignor of one-half to Raymond Ives Blakeslee, Los Angeles, Calif. Filed Apr. 26, 1920. Serial No. 376,670. 30 Claims. (Cl. 56-327.)



16. Means of the character disclosed, comprising a substantially cylindrical drum having frame members, and relatively movable parts extending between such frame members and adapted to receive objects between them; such relatively movable parts comprising spaced wires; means being provided for exerting tension upon said wires lengthwise.

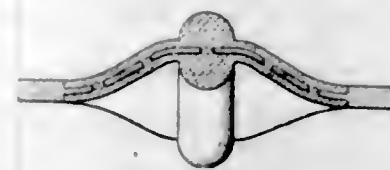
1,644,367. CLOTHES PRESS. FLORIMUNDO CABRAL, Fall River, Mass. Filed Feb. 15, 1927. Serial No. 168,436. 1 Claim. (Cl. 100-57.)



A clothes press for holding garments in a stretched out condition, comprising a shallow hinged receptacle member, said receptacle member having spring-urged pressing means on the sides thereof, said pressing means com-

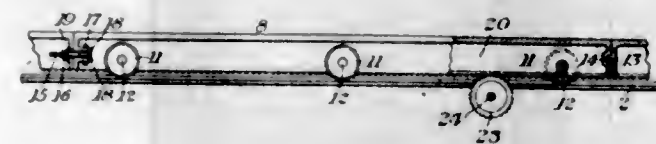
prising long narrow anchoring strips adjacent the sides of said receptacle member, pressing members, spring hinges, said pressing members being attached to said anchoring strips by means of said spring hinges, said pressing members being flared upwardly at their opposite edges.

1,644,368. MATCH-PLATE PATTERN. LLOYD G. COPEMAN, Flint, Mich., assignor to Copeman Laboratories Company, Flint, Mich., a Corporation of Michigan. Filed May 23, 1925. Serial No. 32,325. 8 Claims. (Cl. 22-157.)



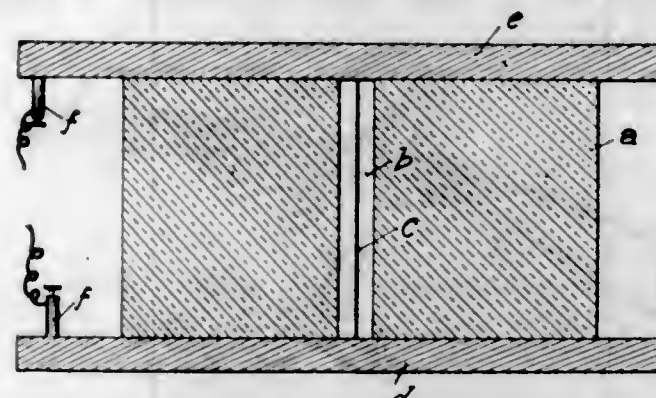
4. A pattern comprising a perforated and recessed metal reinforcing plate and a cast stone pattern secured to said recessed portion of said reinforcing plate.

1,644,369. METHOD AND APPARATUS FOR SURFACING SHEET GLASS. JAMES W. CRUKSHANK, Pittsburgh, Pa. Filed Dec. 14, 1923. Serial No. 680,590. 3 Claims. (Cl. 51-278.)



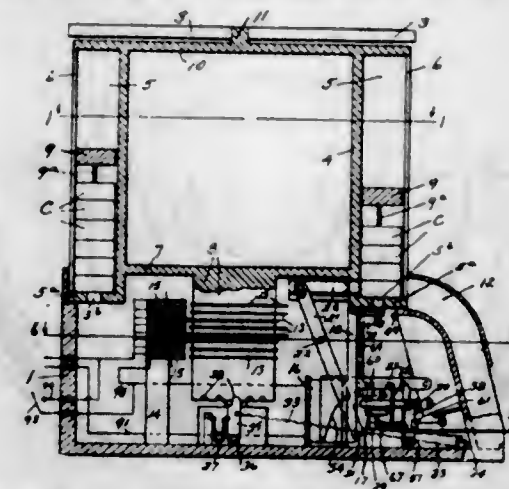
2. In the surfacing of glass, the method which consists in progressively adding and rigidly connecting rolling sections to one end of a rigid sectional grinding table providing a certain extent of continuous glass receiving surface unbroken where the sections meet, moving the table forward under surfacing units, disconnecting the sections from the forward end of the rigid sectional table after they have passed the grinding units, and laying the glass on the rear portion of the rigid sectional table as the sections are added in such manner that the glass will overlap the joints between sections at least some of the time.

1,644,370. METHOD OF ARTIFICIALLY PRODUCING RADIOACTIVE SUBSTANCES. ALOIS GASCHLER, Berlin, Germany. Filed Sept. 4, 1924. Serial No. 735,962, and in Germany Apr. 20, 1923. 5 Claims. (Cl. 204-64.)



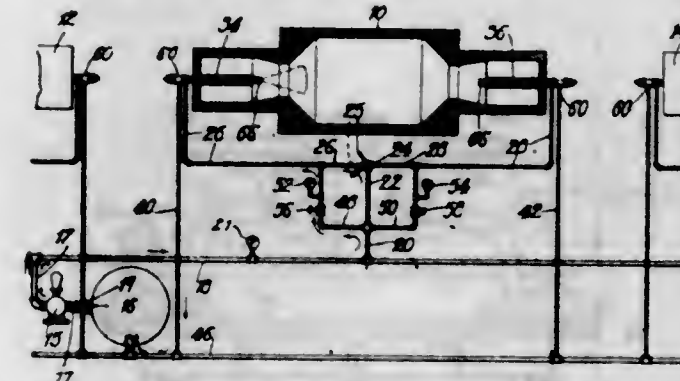
1. A process for increasing the radioactivity of materials which comprises heating the same to a high temperature and pressure and submitting the heated material to the influence of a high potential current.

1,644,371. DISPENSING MACHINE. MELVIN GOLDMAN, Los Angeles, Calif. Filed Aug. 13, 1924. Serial No. 731,823. 14 Claims. (Cl. 194-7.)



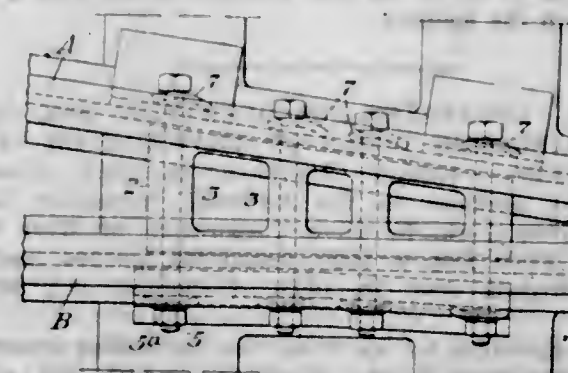
1. In a dispensing machine, a container for articles to be dispensed, an ejector for ejecting articles from said container, said container being adapted to be moved to put different articles in position to be ejected, coin receptacles to receive different coins, electric means for actuating said ejector, circuit connections including a plurality of pairs of contacts in said coin receptacles adapted to be connected by coins placed therein, circuit connections selectively and automatically established by the moving of said container, and means for releasing said coins as said machine is actuated to discharge said article.

1,644,372. BURNER FOR LIQUID FUEL. JAMES H. GRAY, New York, N. Y. Filed Apr. 21, 1922. Serial No. 555,803. 15 Claims. (Cl. 158-4.)



1. In combination with a metallurgical furnace, burners for injecting fuel at opposite ends of the furnace, means for continuously circulating the fuel through said burners and means including a manually operated valve for controlling the injection of the fuel whereby it is injected at one end of the furnace and cut off at the other end of the furnace.

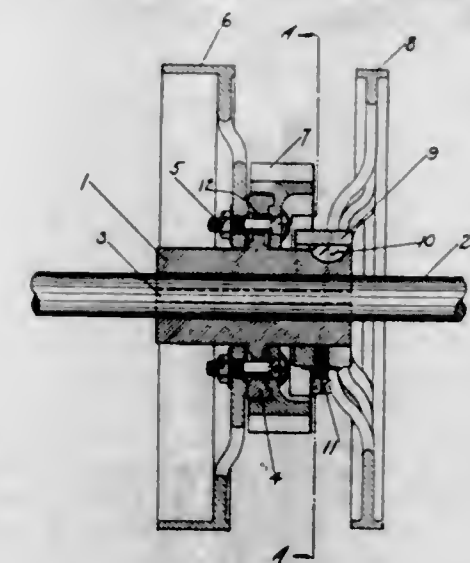
1,644,373. RAIL-FASTENING MEANS. WILLIAM F. HART, Pittsburgh, Pa., assignor to The Verona Tool Works, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed Apr. 28, 1926. Serial No. 105,158. 7 Claims. (Cl. 246-463.)



5. Fastening means for non-parallel rail sections, including said sections, a through bolt extending through

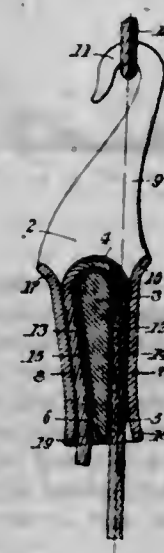
both of said sections, and a joint spring cooperating with each end of the said bolt, said joint spring being longitudinally curved to provide inwardly projecting rail engaging ends.

1,644,374. DRIVING END FOR LOOMS. HARRY D. HATHAWAY, Fall River, Mass. Filed Nov. 11, 1926. Serial No. 147,793. 1 Claim. (Cl. 74-28.)



In combination with a loom, a crankshaft, a driving unit on said crankshaft, said driving unit comprising a hub member having a spider member centrally disposed thereon, said spider member having a ledge on the inner side thereof, a gear member having a channel on its side contacting said spider member, said ledge being received within said channel, a pulley band, a bolt means for securing said pulley band and said gear member to said spider member, a brake wheel, said hub member being of sufficient length to accommodate the pulley band, gear member and the brake wheel.

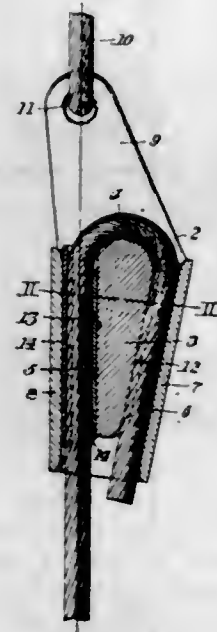
1,644,375. CABLE OR WIRE CLAMP. JERU FREDERIC HAWORTH, Edgeworth, Pa. Filed Jan. 10, 1927. Serial No. 160,125. 6 Claims. (Cl. 24-126.)



1. A clamp for cables or wires, comprising a housing having a tapered socket for receiving a loop of the cable or wire, and a wedge in the socket and within the loop for frictionally clamping the cable or wire against the socket, the edge of the wedge engaging the tensioned leg of the loop being straight substantially in the direction

of its length, the socket being so formed that when the wedge is in cable-clamping position therein said straight edge of the wedge and the cable-engaging portion of the socket cooperating therewith diverge toward the smaller end of the socket, whereby to impart to the cable or wire a gradually increasing clamping grip.

1,644,376. CABLE OR WIRE CLAMP. JEHU FREDERIC HAWORTH, Edgeworth, Pa. Filed Jan. 10, 1927. Serial No. 160,126. 6 Claims. (Cl. 24—126.)



1. A clamp for cables or wires, comprising a plurality of gripping members adapted to frictionally engage a portion of a cable or wire, and a facing of material softer than the material of the cable or wire between the cable or wire and at least one of the gripping members, the facing being adapted to be deformed by the cable or wire to prevent abrasion thereof while being clamped.

1,644,377. POWDER CONTAINER. JACOB HEILBRON, Providence, R. I., assignor, by mesne assignments, to Ida Goldring, Providence, R. I. Filed June 9, 1925. Serial No. 35,938. 29 Claims. (Cl. 132—53.)

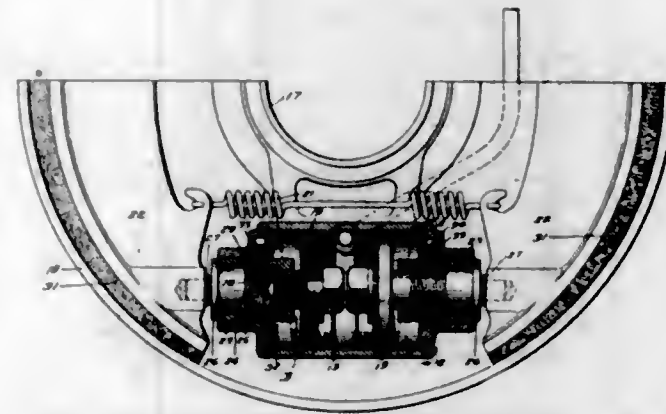


1. In a powder container, the combination of a body member having a rigid dispensing surface thereon adapted to be contacted by a powder puff in the dispensing operation and a cover member therefor having an opening therein over said dispensing surface, said members being shaped to form a powder compartment between them exterior of said opening and being adjustable relative to each other to regulate the amount of powder fed to said dispensing surface between said opening and body member.

1,644,378. BRAKE-OPERATING MECHANISM. HORACE L. HIRSCHLER, San Francisco, Calif. Filed Apr. 13, 1922. Serial No. 552,356. 17 Claims. (Cl. 188—152.)

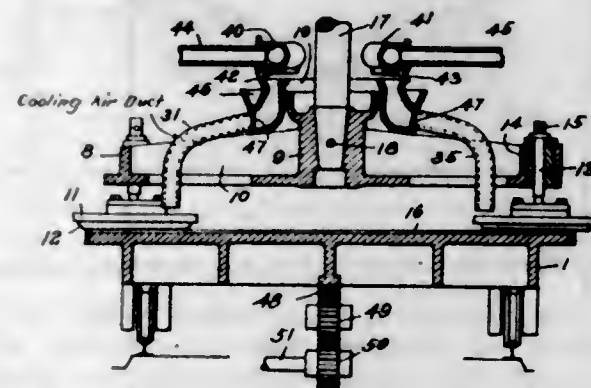
13. In braking mechanism, a pair of relatively movable friction members adapted to be forced into engagement with one another for braking purposes, an operating mem-

ber for creating pressure between said relatively movable members, a stop for limiting the separation of said members, and an automatic take-up co-operating with said



stop to compensate for wear between the pair of braking members so that their relative movement away from one another will be substantially the same after wear has occurred between them as in their initial condition.

1,644,379. GLASS-POLISHING APPARATUS. HALBERT K. HITCHCOCK, Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company, a Corporation of Pennsylvania. Filed Dec. 9, 1924. Serial No. 754,753. 5 Claims. (Cl. 51—266.)

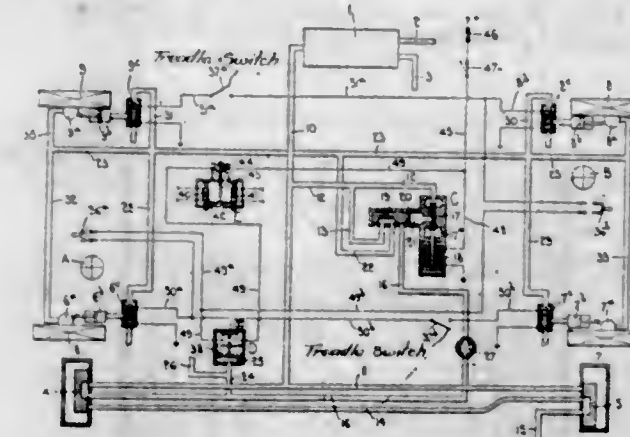


2. In glass polishing apparatus, the combination with a series of runners mounted for rotation and provided with a plurality of polishing blocks, means for rotating the runners, and glass supporting means mounted for movement beneath the runners, of means for applying a cooling flow of air to the side portions of the glass passing beneath the runners.

1,644,380. APPARATUS FOR OPERATING AND CONTROLLING THE DOORS OF TRAMWAY OR LIKE VEHICLES. HORACE REGINALD HOCKLEY, Slough, England, assignor to The National Pneumatic Company, New York, N. Y., a Corporation of West Virginia. Filed Aug. 4, 1926, Serial No. 126,904, and in Great Britain Sept. 15, 1925. 7 Claims. (Cl. 303—6.1.)

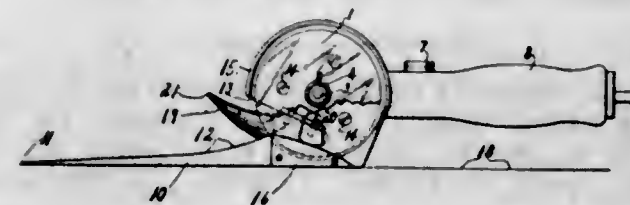
5. In apparatus for operating and controlling doors as claimed in claim 1, the combination with the parts therein specified and with the air brake equipment of the

car including a dead man's valve of a switch in the circuits of the electro-pneumatic valves of the door engines, a cylinder and piston for actuating said switch,



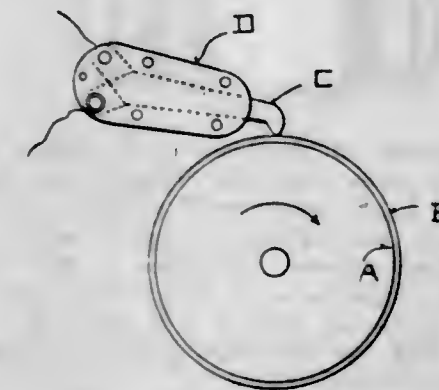
and pipes connecting said cylinder to the actuating member of the air brake emergency valve and to the said dead-man's valve, for the purposes set forth.

1,644,381. CLOTH-CUTTING MACHINE. EVERETT W. HOOSIER, Brookline, Mass. Filed Feb. 17, 1926. Serial No. 88,923. 9 Claims. (Cl. 164—74.)



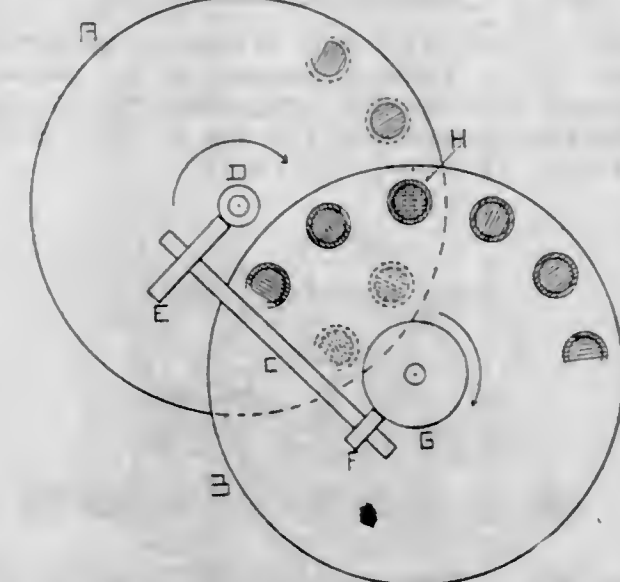
1. In a machine for cutting flexible material, a cutter disk, a motor having a shaft directly coupled with said disk, and a shoe for directing the work in relation to said disk, said machine having a work directing portion close to said disk and extending therefrom in such relation to said shoe as to cooperate therewith for smoothly guiding the work passing said motor.

1,644,382. TWIN BLADE TRANSMITTER. CHARLES FRANCIS JENKINS, Washington, D. C. Filed Mar. 2, 1925. Serial No. 12,594. 3 Claims. (Cl. 178—13.)



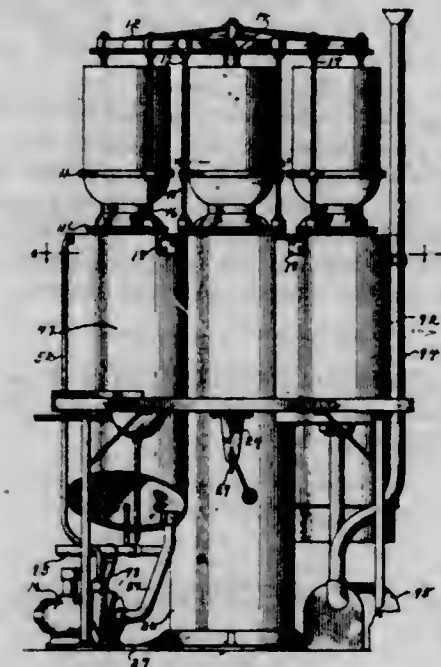
1. In a device of the class described, the combination of two contact blades arranged on opposite sides of a sheet of insulating material, a pair of insulating blocks embracing said blades and insulating material, means for clamping said blocks together, and a terminal mounted upon each block and connected respectively to one of said blades.

1,644,383. PLURAL LENS-DISK ANALYZER. CHARLES FRANCIS JENKINS, Washington, D. C. Filed June 20, 1925, Serial No. 38,560. Renewed Sept. 18, 1926. 5 Claims. (Cl. 178—6.)



4. The combination of a lens, means to cause said lens to cross a certain line repeatedly at a given rate, a second lens, and means to cause said second lens to cross said line repeatedly at a different rate.

1,644,384. APPARATUS FOR CLEANSING MILK CANS AND OTHER RECEPTACLES. IRA H. KENDALL, Potsdam, N. Y. Filed Apr. 11, 1922. Serial No. 551,570. 22 Claims. (Cl. 141—7.)



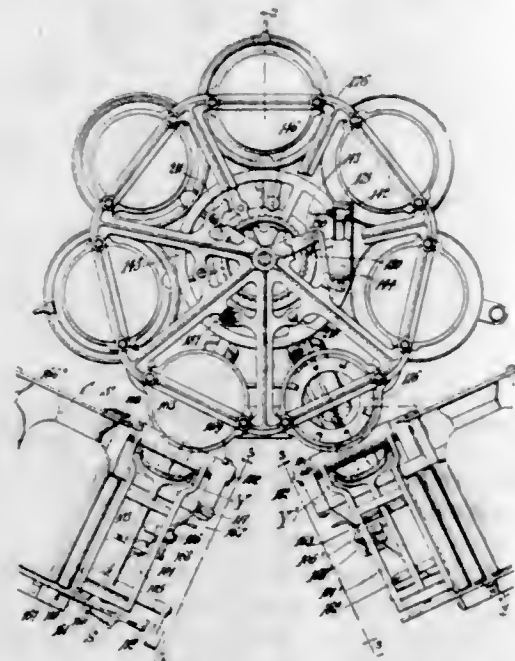
1. An apparatus for washing milk cans or other receptacles comprising water-delivery means adapted to deliver a body of water into the can, deflecting means associated with said water-delivery means and adapted to be located within the can to deflect said body of water and cause said body of water to spread out within the can in the form of a flaring sheet moving in a plane inclined to the axis of the can, and means adapted to support and effect a relative movement between said can and said water-delivery means to cause said flaring sheet to sweep along and strike successive portions of the wall of the can.

1,644,385. METHOD OF CLEANSING MILK RECEPTACLES. IRA H. KENDALL, Potsdam, N. Y. Original application filed Apr. 11, 1922, Serial No. 551,570. Divided and this application filed Oct. 19, 1923. Serial No. 669,560. 1 Claim. (Cl. 87—5.)

A method for removing milk residues from the walls of metal receptacles for milk products which consists

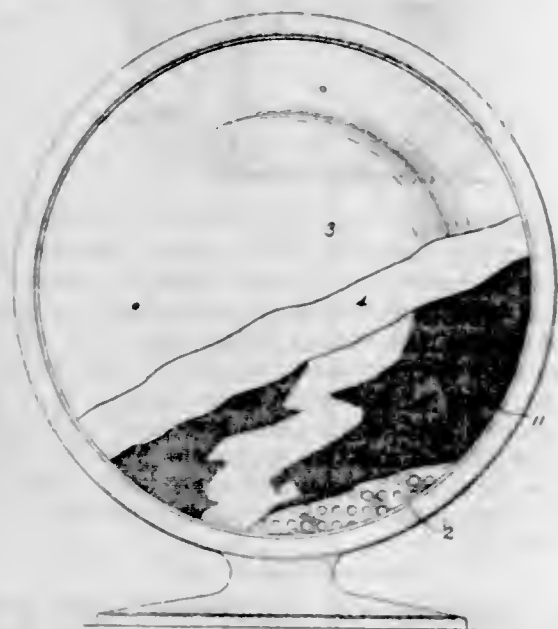
in forcing upon the inner wall of said receptacle a mixture of water and abrasive, said mixture being substantially non-alkaline and being projected upon said wall with sufficient force to remove the deposits thereof.

1,644,386. APPARATUS FOR WASHING RECEPTACLES. IRA H. KENDALL, Potsdam, N. Y. Original application filed Apr. 11, 1922, Serial No. 551,570. Divided and this application filed Aug. 21, 1925. Serial No. 51,632. 11 Claims. (Cl. 214-1.)



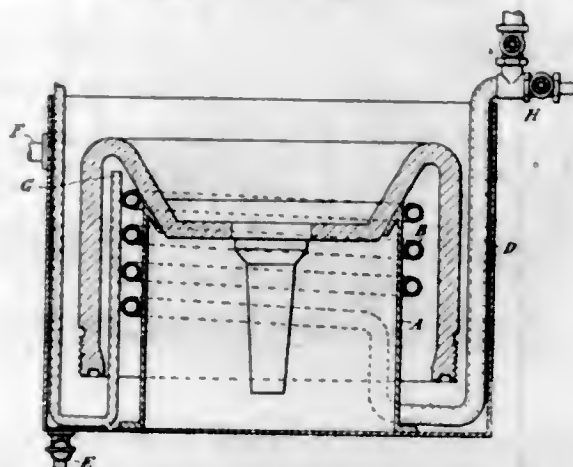
1. In a machine for handling milk cans and other receptacles, a turntable having carriers for said cans, holding means adapted to hold the can located adjacent the said turntable, said holding means being mounted upon movable supports, mechanism for moving said supports towards and away from the said carriers, and automatic means for causing the holding means on one of said supports to release a can when the can is in proper position on the adjacent carrier and for causing the holding means upon the other support to simultaneously grip and hold the can on the carrier adjacent thereto.

1,644,387. ACOUSTIC DEVICE. COLIN KYLE, San Jose, Calif. Filed Oct. 4, 1926. Serial No. 139,474. 10 Claims. (Cl. 179-111.)



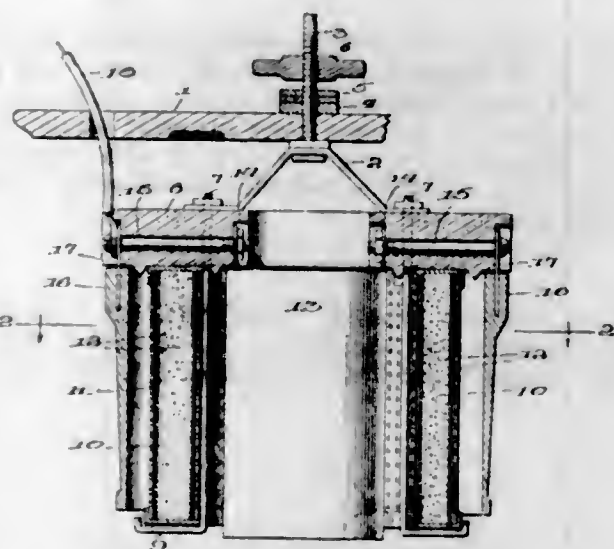
1. A sound reproducer comprising a perforated metallic plate, an open mesh nonmetallic fabric covering one side of the plate, a dielectric flexible diaphragm engaging the open mesh fabric, and a flexible metallic member in contact with the opposite side of the dielectric diaphragm.

1,644,388. APPARATUS FOR CLEANING THE BOWLS OF CENTRIFUGAL SEPARATORS. HANS OLOF LINDGREN, Stockholm, Sweden, assignor, by mesne assignments, to The De Laval Separator Company, New York, N. Y., a Corporation of New Jersey. Filed May 24, 1922, Serial No. 563,408, and in Germany June 17, 1921. 4 Claims. (Cl. 141-1.)



1. In an apparatus for washing the bowls of centrifugal machines, a receptacle for the bowl, an annular bowl support extending up within the receptacle and means associated therewith to forcibly discharge washing fluid toward the wall of the receptacle, the bowl being adapted to be supported in inverted position within the receptacle with its circular body portion surrounding and spaced from the water-discharging means.

1,644,389. PRIMARY CELL AND METHOD OF MAKING THE SAME. MARTIN L. MARTUS, Woodbury, and EDMUND H. BECKER, Waterbury, Conn. Filed Jan. 3, 1927. Serial No. 158,694. 7 Claims. (Cl. 136-116.)



1. In the process of manufacturing primary cells of the zinc-copper oxide type, the steps which comprise impregnating a paper sleeve with sodium zincate solution, superficially coating the so-treated paper with a solution of alkali silicate, sprinkling a thin layer of zinc dust on the paper while it is still wet with silicate solution, and thereafter placing said paper in a copper oxid-zinc cell with the metallized surface of said paper in contact with the copper oxid.

1,644,390. DENTAL-FLOSS HOLDER. WILLIAM MILLER, Portland, Oreg. Filed Mar. 24, 1927. Serial No. 178,025. 3 Claims. (Cl. 132-91.)

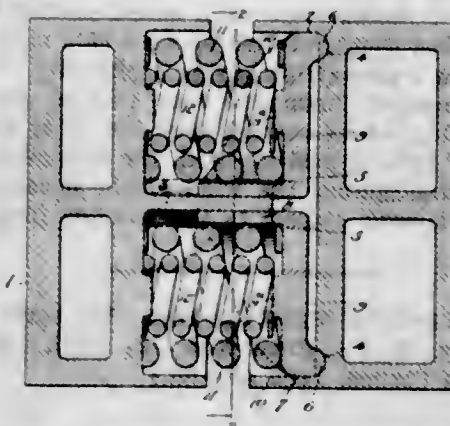
3. A device of the class described, comprising a handle portion, a body portion integral with and extending from the handle portion and terminating in a hook shaped end, an eye upstanding from the body inwardly

of said end and cooperative with said end in suspending a length of dental floss in position for use, said eye having a floss passing bore therethrough, a length of dental



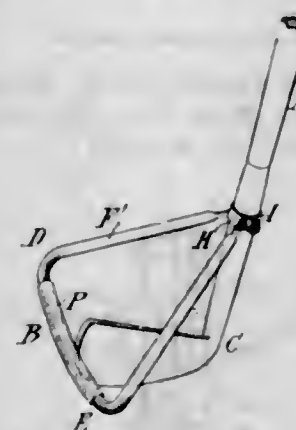
floss having one end passed around the hook shaped end and its other end passed through the said bore, and means to secure the ends of said floss to said handle portion.

1,644,391. FRICTION DRAFT GEAR. WILLIAM A. MITCHELL, Denison, Tex. Filed June 7, 1923. Serial No. 643,895. 15 Claims. (Cl. 213-35.)



1. In a friction draft gear, the combination with cooperating follower members, one of said members being provided with a central longitudinally disposed friction tongue, a plurality of friction members each having a portion adapted to contact said friction tongue and another portion forming a fulcrum on the other of said follower members with a fixed axis, and cushioning means including a spring one end of which is arranged to contact the first mentioned follower member, the other end of which is adapted to engage at least one of the said friction members between the fulcrumed portion thereof and the portion engaging the friction tongue.

1,644,392. GOLF CLUB. EUGENE V. MYERS, East Orange, N. J. Filed Apr. 19, 1927. Serial No. 154,861. 13 Claims. (Cl. 273-35.)

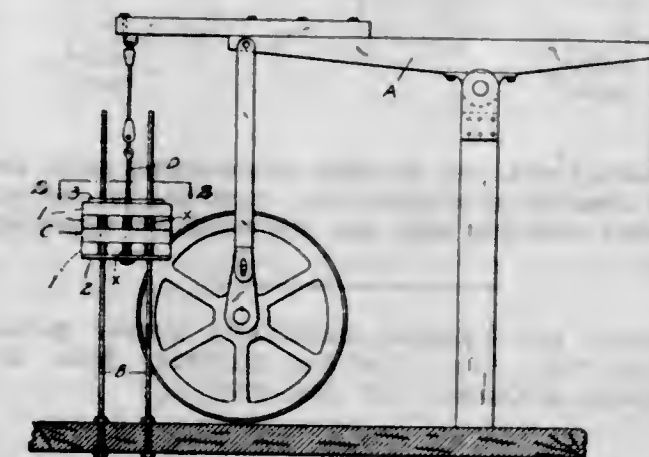


1. A golf club having fixed at the front of its lower end two separated bearing points adapted to be used as a gage to provide an indicator as to the swing of the club.

1,644,393. VARIABLE COUNTERWEIGHT FOR PUMPING APPARATUS. HARRY L. OWEN, Okmulgee, Okla. Filed Dec. 4, 1925. Serial No. 73,192. 1 Claim. (Cl. 74-71.)

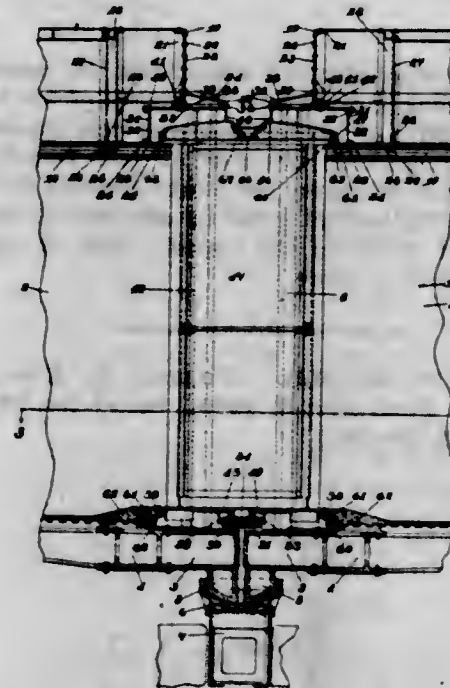
A counterweight composed of a vertically-reciprocating hanger rod, a horizontally-disposed supporting plate sustained by said rod, a pair of vertical, stationary guide

rods on which the counterweight travels, arranged parallel to and in alignment with said hanger rod, a number of substantially oblong-shaped weight elements arranged horizontally in superimposed relation on said supporting plate and each provided with three open-ended slots that receive said hanger rod and guide rods



and which are disposed transversely of the element, said elements being arranged so that the slots in adjacent elements are oppositely-disposed, and ribs and grooves on the top and bottom faces of said elements of approximately oblong shape in outline, that interlock said elements with each other.

1,644,394. ARTICULATED CAR. ALFRED K. PETERSON, Bellevue, and KARL O. WINELL, Pittsburgh, Pa., assignors to Pressed Steel Car Company, Pittsburgh, Pa., a Corporation of New Jersey. Filed Sept. 1, 1925. Serial No. 53,793. 32 Claims. (Cl. 105-4.)

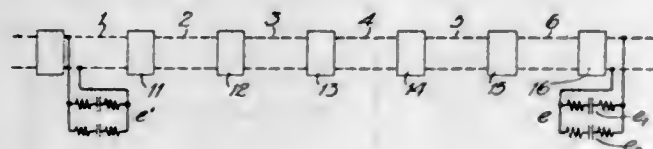


5. In an articulated car unit comprising a plurality of connected bodies, end walls for said bodies, the adjacent end walls of adjacent bodies having inwardly curved members forming recesses in their upper portions, and a passageway member partially enclosed by said recesses.

1,644,395. TRANSMISSION SYSTEM. BRUNO G. POHL-MANN, Siemensstadt, near Berlin, Germany, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany, a Corporation of Germany. Filed May 29, 1926, Serial No. 112,419, and in Germany May 14, 1925. 3 Claims. (Cl. 178-44.)

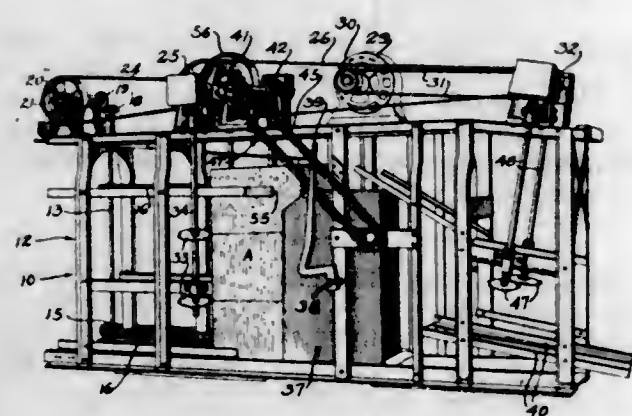
8. The method of correcting for the unequal attenuation of the different frequency components transmitted by a line comprising a multiplicity of series sections,

said method comprising making a substantially uniform approximate correction at each of a number of points along said line whereby the distortion is held within



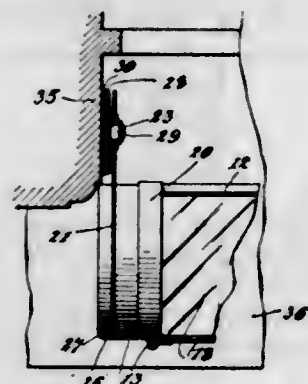
prescribed limits, and, at other points spaced along the line a plurality of sections apart, correcting for the net distortion resulting after the first-mentioned correcting steps.

1,644,396. ICE-SCORING MACHINE. ROBERT HENRY ROARK, Waco, Tex. Filed June 30, 1923. Serial No. 648,815. 3 Claims. (Cl. 125-13.)



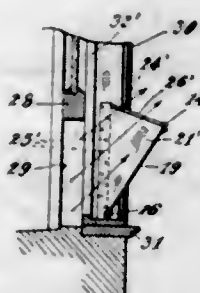
3. An ice scoring machine comprising, in combination, a frame providing a trackway for blocks of ice arranged on end, a plurality of vertically spaced and oppositely arranged scoring saws on the side of said frames, a mechanical conveyor to convey the blocks between the scoring saws, a rigid longitudinal guide on one side of the frame and a resilient guide on the opposite side of the frame between the scoring saws.

1,644,397. WINDSHIELD. WILLIAM H. ROSE, Jersey City, N. J. Filed Apr. 3, 1926. Serial No. 99,464. 5 Claims. (Cl. 98-99.)



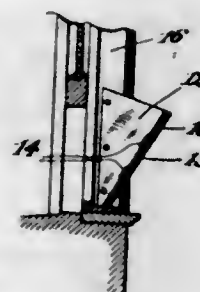
1. In a wind shield, in combination, a wind shield member; a side member attached to each end of the wind shield member; pliable window frame strips each having an adhesive upon the one face thereof, and means carried upon the other face of each of the window frame strips and upon each of the outer faces of the said members, capable of locking the window frame strips to the side members.

1,644,398. WINDSHIELD. WILLIAM H. ROSE, Jersey City, N. J. Filed July 10, 1926. Serial No. 121,611. 4 Claims. (Cl. 98-99.)



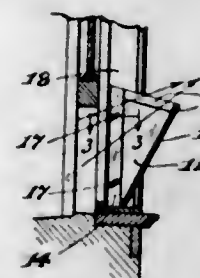
1. In a wind shield, in combination, a plurality of telescopic wind shield members; a side member attached to each end of the extreme wind shield members; a plurality of locking means carried by each side member; two pliable window frame strips having a plurality of resilient cup-shaped members upon one face thereof, and a plurality of locking means carried upon the other side thereof, capable of locking position with the side member locking means, maintaining the wind shield members in inclined position with respect to the window frame.

1,644,399. WINDOW VENTILATOR. WILLIAM H. ROSE, Jersey City, N. J. Filed Nov. 18, 1926. Serial No. 149,038. 4 Claims. (Cl. 98-99.)



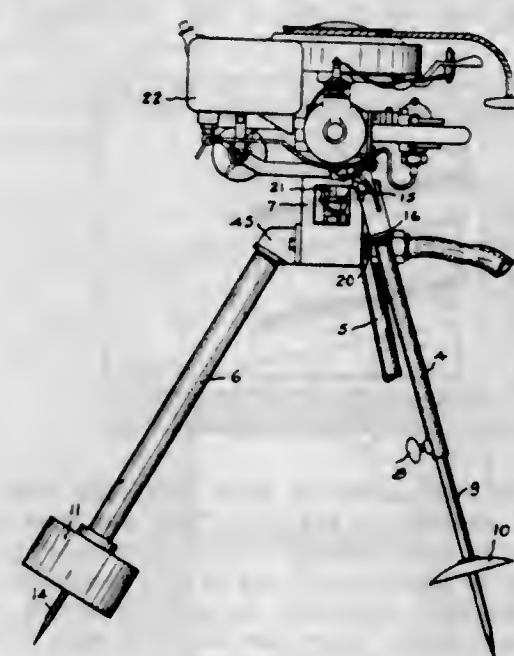
1. In a window ventilator, in combination; two end supports, each having a casement member, an angularly positioned deflector support and a plurality of extended fasteners from the deflector support; and a deflector having openings therein through which the fasteners may be inserted and bent over, attaching the deflector to the deflector supports.

1,644,400. WINDOW VENTILATOR. WILLIAM H. ROSE, Jersey City, N. J. Filed Nov. 26, 1926. Serial No. 150,771. 5 Claims. (Cl. 98-99.)



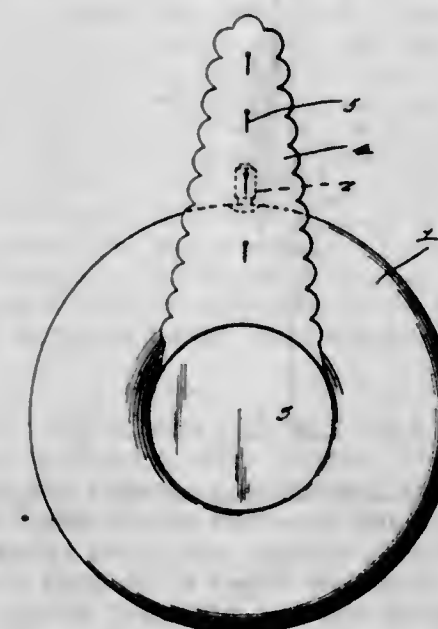
1. In a window ventilator, in combination, a stiff deflector of yieldable material, having angularly positioned end members, said end members having a plurality of slots therein; two U-shaped metallic holding members, each capable of receiving a deflector end, said holding members having a plurality of series of holes in alignment with each other and in alignment with the slots of the inserted deflector ends; and means passing through the holes capable of affixing them to opposite window frames.

1,644,401. PUMP. ELTON F. ROSS, Seattle, Wash. Filed Oct. 6, 1924. Serial No. 741,809. 3 Claims. (Cl. 103-218.)



1. In a device of the character described in combination a pump unit, and a supporting suction conduit means for said unit, said means including a hollow leg member whereby said leg member constitutes a part of the supporting means and also the suction conduit.

1,644,402. HEADREST. HERMAN ROSSWINKLE, Marshfield, Oreg. Filed Mar. 17, 1926. Serial No. 95,352. 1 Claim. (Cl. 155-174.)



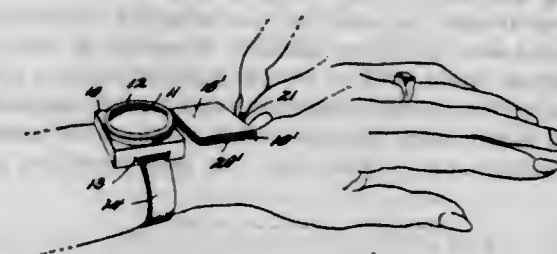
As a new article of manufacture, a head rest of the class described comprising a hollow annular cushion adapted to be inflated with air, said cushion being provided with a filler valve located on the exterior of the outer periphery of the cushion, a circular diaphragm formed integral with the inner peripheral portion of the cushion, said diaphragm being of double thickness, and a relatively narrow hanger strap attached at the point of connection of the diaphragm and cushion, said strap being provided with a single row of longitudinally spaced suspending apertures, and said strap being located to cooperate in shielding said valve.

1,644,403. COMBINATION MARKER GAUGE. WALTER R. SCHLAGE, San Francisco, Calif. Filed Oct. 24, 1925. Serial No. 64,489. 2 Claims. (Cl. 33-178.)



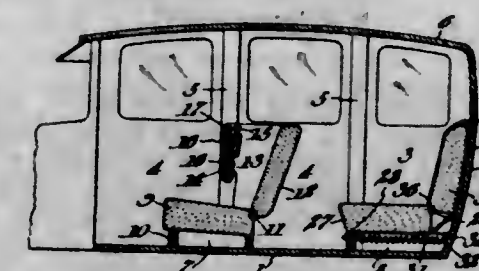
1. A combination marker and gauge comprising a plate having a foot extension at one end thereof and bent at right angles to the plate; said plate and foot extension having marker openings formed therein and a gauging head formed on the plate.

1,644,404. VANITY CASE. GEORGE O. SQUIER, Washington, D. C. Filed May 14, 1927. Serial No. 191,824. 5 Claims. (Cl. 132-83.)



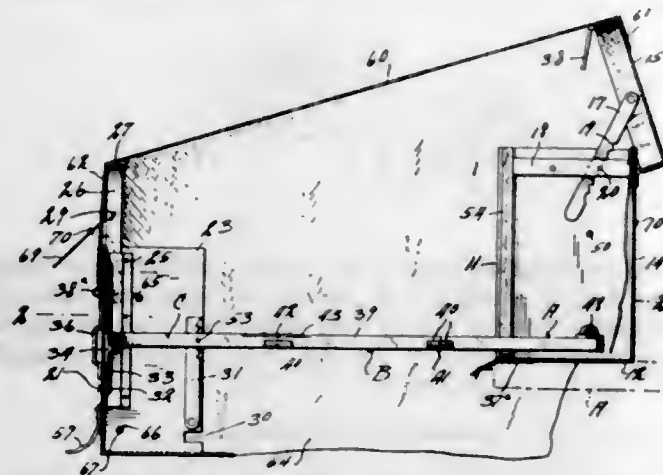
5. A vanity case comprising a receptacle having a mirror mounted upon its upper face and means for permitting its attachment to the wrist of a wearer, said receptacle being open along one of its sides, and means comprising an upwardly directed flange integral with the bottom of the receptacle and extending into the space defined by its open side for retaining a cosmetic compact in position therein, a powder applicator slidably mounted within said receptacle through the opening in its side, said applicator comprising a plate having oppositely directed flanges at its outer edge, a grip member affixed to said flanges for facilitating manipulation of the applicator, and powder-retaining material affixed to both surfaces of said plate for engagement with the powder compact when the applicator is in position within the receptacle.

1,644,405. AUTOMOBILE BODY. WALTER O. UNDERWOOD, Greenfield, Mo., assignor of one-third to Ralph E. Duffy and one-third to Robert D. Payne, Greenfield, Mo. Filed May 26, 1926. Serial No. 111,776. 2 Claims. (Cl. 155-7.)



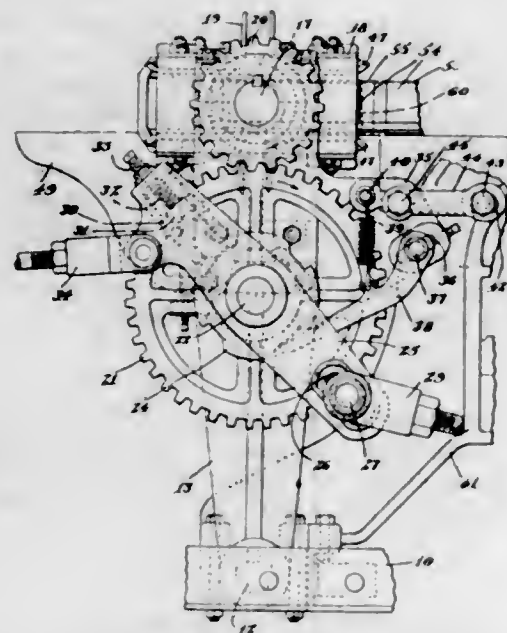
1. A seat for vehicle bodies, having a bottom and a back jointly movable from seat-forming to reclining position, means carried by said back and pivoted to said body whereby said back may be moved from one to the other of said positions, a slotted link carried by said back and having its slot engaging a member fixed to said body, and means fixed to said body and engageable with the slot of said link for locking said seat in seat-forming position.

1,644,406. CAMPER'S APARTMENT. LEMON K. STEWART, Newkirk, Okla. Filed June 9, 1925. Serial No. 35,978. 9 Claims. (Cl. 135-1.)



2. A camping attachment for motor cars including a cubical vertically extending head section open at one side and having a hinged lid at its upper end, a cubical foot section open at one side and top and adapted to telescope into the head section, a bow slidably mounted on the foot section and movable into a raised position, means holding said bow in its raised position, and a tent supported at one end by the free end of the lid of the head section and at its other end by said bow, the tent including side flaps.

1,644,407. INVERTER. WILLIAM W. WALLACE, Chicago, Ill., assignor to New York Brick Handling Corporation, New York, N. Y., a Corporation of New York. Filed Feb. 16, 1926. Serial No. 88,554. 8 Claims. (Cl. 25-2.)

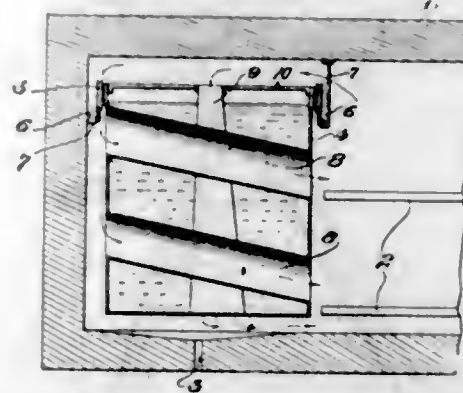


1. In an improved inverter for brick molds and the like, the combination of a rectangular frame, means for pivotally mounting said frame, means for feeding a single brick mold into said frame and means to rotate said frame thru a half revolution to invert said brick mold, and means associated with the frame and movable diametrically with respect to the pivotal mounting of such frame for moving the inverted mold beyond the limits of the frame.

1,644,408. REFRIGERATOR ICE TANK. VIRGIL P. WARREN, Atlanta, Ga. Filed Nov. 28, 1924. Serial No. 752,706. 1 Claim. (Cl. 62-69.)

In combination with a receptacle, a track secured to and spaced from the end wall of said receptacle, a second track, means for supporting said second track from the

top of said receptacle, a tank slidably mounted on said tracks and having its top spaced from the top of said receptacle, said tank comprising a container for refrigerant material having a plurality of air conducting tubes extending transversely thereof, an air conducting flue extending from the bottom of said container to and



flush with the top thereof, a brace extending from the sides of said container to the top of said flue, said tubes being inclined to the horizontal downwardly from the end of said container adjacent the end of said receptacle, and shelves horizontally supported in said receptacle with their ends immediately below the adjacent ends of said tubes.

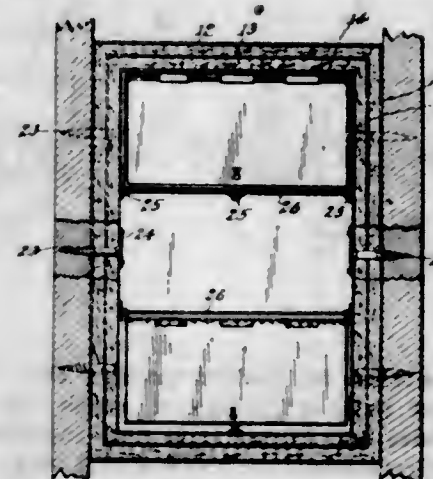
1,644,409. NAIL-DRIVING TOOL. LAURENCE J. WINCHELL, Newkirk, Okla. Filed Mar. 25, 1926. Serial No. 97,307. 1 Claim. (Cl. 1-46.)



A nail driving tool of the class described comprising an elongated barrel, the lower end thereof being provided with a nail receiving chamber, said barrel having an entrance formed in the side thereof at the upper portion of the aforementioned chamber, a plunger slidable in the barrel, a nail holding magazine supported at the side of the barrel, the lower end of the magazine communicating with said entrance, a guide chute extending laterally from the barrel around said entrance, a spring strip secured at its upper end on the outer side of the barrel, a lateral extension formed on the intermediate portion of said strip, the end portion of said extension being disposed inwardly through the sides of the chute adjacent the aforementioned entrance to provide a cut off for preventing the delivery of the nails from the magazine to the barrel through said entrance and a laterally extending lug carried by the lower end of the spring strip, said lug being provided with a beveled nose and extending into the nail receiving chamber in the path of the sliding plunger, said lug adapted to be moved outwardly

of the barrel by the plunger on its down stroke for simultaneously releasing the cut off means, whereby the lowermost nail in the magazine will be delivered to said entrance, said cut off being returned to its normal position for closing the entrance when the plunger becomes disengaged from the nose on the lug during its upward stroke, whereby the nail positioned in the entrance will be delivered to the nail receiving chamber of the barrel when the lower end of the plunger is disposed above the entrance.

1,644,410. WALL SAFE. SAMUEL L. BELKNAP, Los Angeles, Calif., assignor to In-A-Wall Safe Company, Inc., Los Angeles, Calif., a Corporation of California. Filed Aug. 24, 1925. Serial No. 52,012. 2 Claims. (Cl. 109-2.)



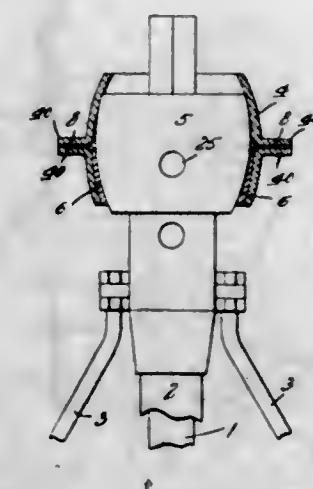
2. A wall safe comprising a receptacle having outer back, top, bottom and side walls, intermediate top, bottom and side walls extending from the outer back wall toward the front but having their forward edges disposed rearwardly of the forward edges of the outer top, bottom and side walls, inner top, bottom and side walls extending forwardly from the outer back wall, the forward portions of the inner walls being bent against their respective intermediate walls and across the forward edges of the intermediate walls and being bent against their respective outer walls, thus forming a rebated edge at the front of the receptacle and an inner back wall disposed between the inner top, bottom and side walls forwardly of the outer back wall, an insulating material disposed between the walls, and a door hinged to the receptacle having an outer front wall, an intermediate wall and an inner front wall, the edges of the outer front wall being bent over the intermediate and inner walls and forming a rebated edge complementary to the rebated edge on the top, bottom and sides of the receptacle.

1,644,411. PAPER BOX AND THE LIKE. SAMUEL BERGSTEIN, Middletown, Ohio, assignor to The Interstate Folding Box Company, Middletown, Ohio. Filed Dec. 20, 1926. Serial No. 155,841. 4 Claims. (Cl. 229-48.)



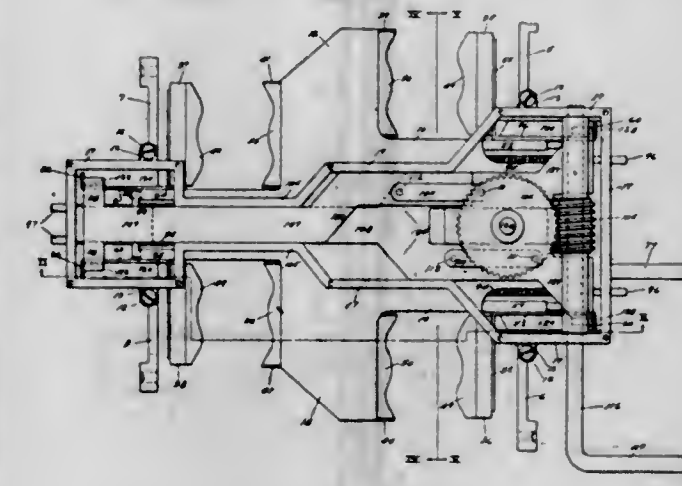
1. Paper articles of manufacture, including an overlapping adhesive joint comprising serrations along the edge of one of the overlapping portions.

1,644,412. SHIM. JOSEPH L. BREDAR, Rock Island, Ill. Filed May 12, 1923. Serial No. 638,615. 9 Claims. (Cl. 64-89.)



8. For use in a motor vehicle having a universal joint, a ball shaped housing for said joint, a ball cap surrounding said housing, an annular resilient shim located between the outer surface of said housing and the inner surface of said cap and severed transversely, said shim serving to take up wear between said housing and said cap.

1,644,413. COW-MILKING APPARATUS. GEORGE A. BRODIE, Goldendale, Wash. Filed Jan. 6, 1925. Serial No. 849. 9 Claims. (Cl. 31-79.)

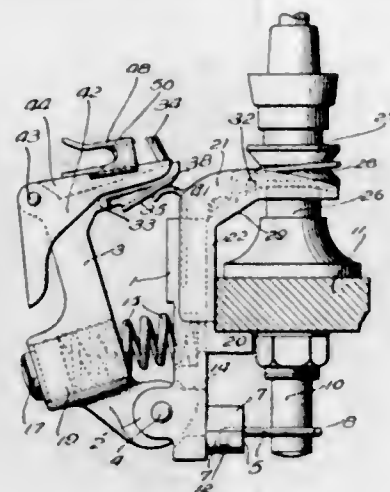


1. In a milking machine, the combination with an assembling member, an intermediate vertical partition thereon, and properly disposed for milking, four stationary compressing members on said partition, two on opposite sides and substantially at opposite ends thereof, respectively, of driving mechanism, four movable compressing members complementary to said stationary members, respectively, means of operative connection between the driving mechanism and the said movable compressing members for actuating them to and from the stationary members, and means independent of the driving mechanism for simultaneously effecting movement of each pair of movable compressing members to the limit of their separation from the stationary compressing members.

1,644,414. BAND-TYING GAUGE. ALBERT COOK, Holyoke, Mass. Filed July 2, 1924. Serial No. 723,888. 14 Claims. (Cl. 265-1.)

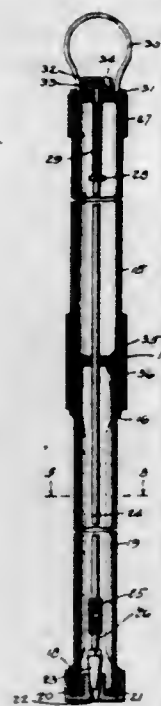
1. A gauge for tying bands about spindle whorls comprising an attachment member, resilient means carried

thereby adapted to yieldably engage the spindle whorl to hold the attachment member to the whorl and to pre-



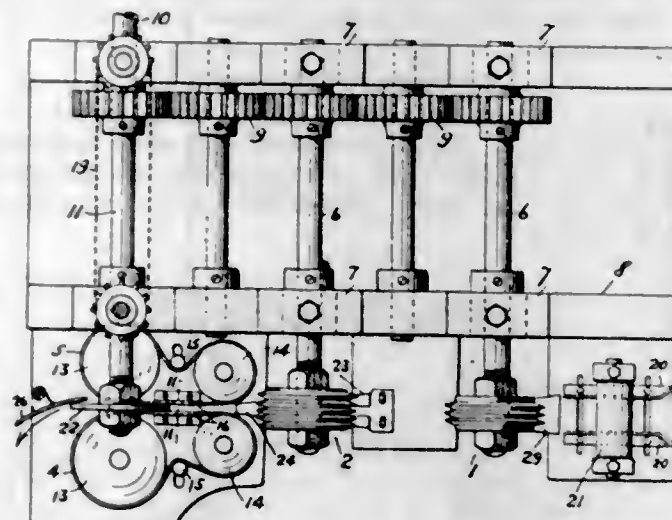
vent relative vertical movement therebetween, and a movable band engaging and tensioning member yieldably held to the attachment member.

1,644,415. LIQUID GAUGE. FRED COSGRO, Huntington Beach, Calif. Filed Mar. 2, 1926. Serial No. 91,800. 5 Claims. (Cl. 73-120.)



1. A liquid gauge comprising a pair of tubular bodies in end to end relation with the lower body formed with openings, a sleeve detachably connecting the bodies, a cap closing the upper end of the upper body, a transparent tube in the lower body, a cap on the lower end of the lower body having a port therein through which liquid may enter or leave the transparent tube, a valve in the tube movable to open or close said port, a rod adjustably and detachably connected to the valve and extending upwardly through the two bodies and through the first cap, a nut on the upper end of the rod, a projection on the rod spaced from said upper end, a spring interposed between the projection and nut to normally urge the rod downwardly and cause said valve to close said port, projections on the upper cap, a cross head rotatable on the upper end of the rod to engage the projections of said cap to maintain the rod in elevated position against the action of said spring and to thereby maintain the valve in open position, and an operating handle carried by the cross head.

1,644,416. MACHINE FOR FOLDING PACKING AND THE LIKE. WILLIAM CROOKS, Philadelphia, Pa., assignor to Belmont Packing & Rubber Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Feb. 5, 1923. Serial No. 617,192. 4 Claims. (Cl. 154-1.)



1. In a machine for folding packing the combination of a series of pairs of rollers of which the rollers in succeeding pairs are increasingly and cumulatively provided with circumferential grooves and ribs, a pair of pressure wheels at the exit of the pairs of rollers, and endless belts and their fixed guides for delivery from the rollers to the wheels.

1,644,417. SOLUTION OF CELLULOSE ESTERS. JOSEPH G. DAVIDSON, Pittsburgh, Pa., assignor to Carbide and Carbon Chemicals Corporation, a Corporation of New York. Filed June 13, 1924. Serial No. 719,891. 6 Claims. (Cl. 134-79.)

6. A composition of matter comprising a solution of cellulose acetate containing ethylene dichlorid, ethylene glycol monoethyl ether, and a solvent for cellulose acetate having a higher boiling point than said ether.

1,644,418. SOLUTION OF CELLULOSE ESTERS. JOSEPH G. DAVIDSON, Yonkers, N. Y., assignor to Carbide and Carbon Chemicals Corporation, a Corporation of New York. Filed July 20, 1925. Serial No. 44,928. 7 Claims. (Cl. 134-79.)

7. A composition of matter comprising a solution of cellulose ester containing a substantial proportion of a monoethyl ether of a propylene glycol.

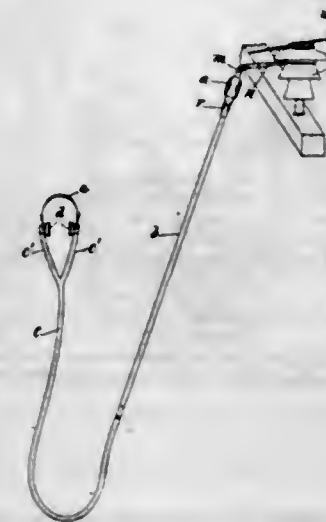
1,644,419. SOLUTION OF CELLULOSE ESTERS. JOSEPH G. DAVIDSON, Yonkers, N. Y., assignor to Carbide and Carbon Chemicals Corporation, a Corporation of New York. Filed Aug. 5, 1925. Serial No. 48,413. 12 Claims. (Cl. 134-79.)

8. A composition of matter comprising cellulose acetate, monomethyl ether of ethylene glycol, and toluene.

1,644,420. SOLUTION OF CELLULOSE ESTERS. JOSEPH G. DAVIDSON, Yonkers, N. Y., assignor to Carbide and Carbon Chemicals Corporation, a Corporation of New York. Original application filed June 13, 1924. Serial No. 719,891. Divided and this application filed Aug. 16, 1927. Serial No. 213,433. 11 Claims. (Cl. 134-79.)

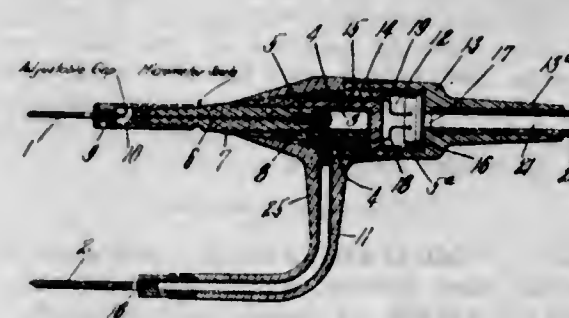
1. A composition comprising nitro cellulose and ethyl glycol.

1,644,421. APPARATUS FOR INDICATING VOLTAGE STRESS. FRANK C. DOBLE, Cambridge, Mass. Filed June 10, 1922. Serial No. 567,283. 11 Claims. (Cl. 175-183.)



1. A device for testing the insulating qualities of insulating units of high tension electrical transmission lines under voltage stress, comprising a terminal conductor adapted to be placed at points in the vicinity of such an insulating unit where voltage stress occurs, means for giving audible indications in response to the effect of such stress, and associated holding and sound conducting elements extending from said indicating means for placing the terminal conductor at the point of test and conducting said signals to an operator's ear, and being of sufficient length to extend from the operator to such an insulating unit while the operator himself is at a safe distance away from the point of voltage stress; and said elements having sufficient insulating value to safeguard the operator in the situation set forth.

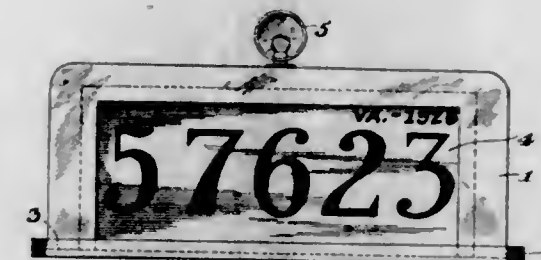
1,644,422. APPARATUS FOR TESTING INSULATORS. FRANK C. DOBLE, Cambridge, Mass. Filed Apr. 8, 1925. Serial No. 21,494. 9 Claims. (Cl. 175-183.)



1. An apparatus for testing the insulating qualities of insulating units for electrical power lines under voltage stress, comprising an insulating holder, a condenser mounted thereon, and conducting elements electrically connected to opposite sides of the condenser and extending outwardly therefrom into position to engage with the conducting material at opposite sides of such unit, one of such conducting elements being divided and the parts thereof separated by an adjustable gap; combined with a micrometer adjusting member for regulating and measuring the length of said gap; all the electrically conductive parts of said apparatus, except the terminals of

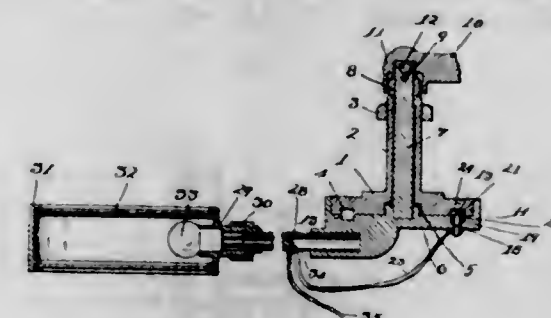
said conducting elements, being enclosed in external insulation, the insulating value of which at any point is sufficient to withstand the maximum voltage of the high tension electrical transmission line in proximity to which the apparatus is used.

1,644,423. LICENSE-PLATE HOLDER. FRANCIS JOSEPH FEARSON, Baltimore, Md. Filed May 25, 1926. Serial No. 111,581. 6 Claims. (Cl. 40-125.)



1. A license plate holder comprising a casing having an open end and front, an identification plate slidably inserted in said front to close the latter, a member closing said end, and cooperating locking means on opposite ends of said member and on the inside of each side of said casing to lock said plate and member to said casing.

1,644,424. TRAFFIC SIGNAL FOR MOTOR VEHICLES. CLAUDE B. FERRO, San Bernardino, Calif. Filed Feb. 24, 1926. Serial No. 90,254. 1 Claim. (Cl. 177-327.)



In a traffic signal a relatively stationary metal disc, a rotatable metal disc mounted thereon, said discs having complementary grooves, a semaphore arm attached to the rotatable disc having a lamp, a conducting segment formed of a strip of conducting material and having insulating strips on opposite sides, bolts securing said strip in the groove of one of the discs, the said bolts being insulated from the disc and having electric contact with the conducting strip, a relatively slidable contact attached to the opposite disc in a groove positioned to engage the contact points and means to conduct an electric current through the lamp, through one of the bolts and the sliding contact to ground through one of the discs.

1,644,425. ALLOY. CHARLES A. GRATTY, Elkridge, Md. Filed Apr. 14, 1925. Serial No. 23,088. 3 Claims. (Cl. 75-1.)

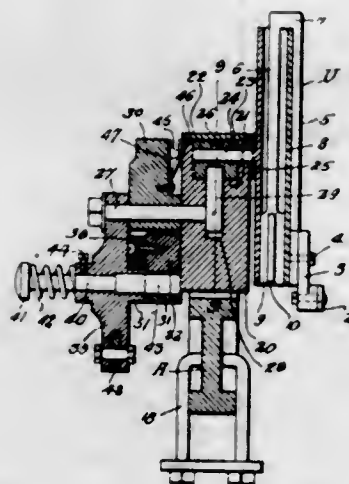
1. An alloy for linings for brake bands and the like containing by weight lead 95%, antimony 8% and copper 2%.

1,644,426. WEEDING TOOL. THEODORE GENTSCH, Spokane, Wash. Filed Nov. 3, 1926. Serial No. 146,055. 3 Claims. (Cl. 56-87.)



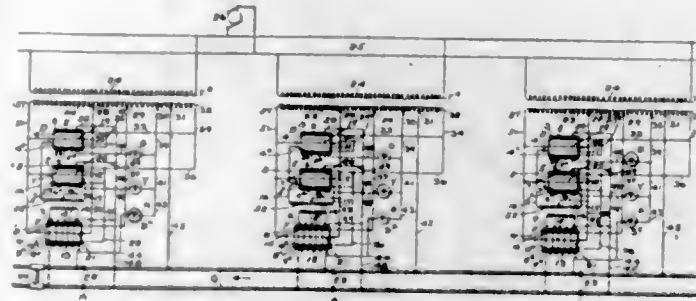
1. In a weeding tool the combination with a sleeve and its telescoping handle, of a tool holder on the handle within the sleeve, an auger retained by the tool holder and rotatable therein, and means on the sleeve for rotating the auger as the handle is depressed.

1,644,427. DIRIGIBLE HEADLIGHT. JAMES GLENNON, Rochester, Minn. Filed Oct. 20, 1926. Serial No. 142,966. 2 Claims. (Cl. 240-62.)



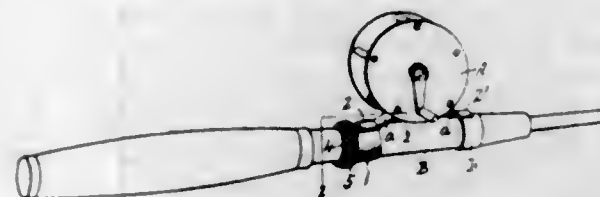
1. A dirigible headlight operating mechanism for automobiles, comprising a body to be mounted on the front axle on the automobile, and provided with a groove, a block slidably mounted in the groove, means controlled by the steering apparatus of the automobile for sliding the block in the groove, a pin extending into the block, a tubular casing carried by the pin, an inverted U-shaped member having one leg slidably mounted in the tubular casing, a crank on the other leg of the inverted U-shaped member, and a headlight shifting rod engaged with the crank.

1,644,428. RAILWAY-TRAFFIC-CONTROLLING APPARATUS. LARS O. GRONDAHL, Pittsburgh, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a Corporation of Pennsylvania. Filed Aug. 31, 1923, Serial No. 660,352. Renewed Mar. 2, 1927. 29 Claims. (Cl. 246-34.)



25. Railway traffic controlling apparatus comprising a thermo-sensitive substance, means for heating said substance by electronic bombardment, and train controlled means for governing such bombardment.

1,644,429. REEL LOCK FOR FISH RODS. ALEXANDER G. HALL, Highland Mills, N. Y. Filed Oct. 22, 1925. Serial No. 64,177. 2 Claims. (Cl. 43-22.)

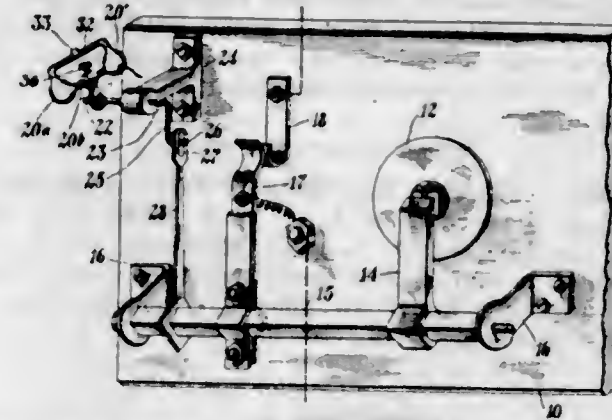


1. In a reel lock for fish rods, a sleeve having a raised boss on one end for receiving a portion of a reel and provided with a circumferentially elongated opening, a tongue fastened to the sleeve at one end of the opening and its other end movable radially in said opening, and a ring rotatably mounted on the sleeve to cover the opening and tongue, and provided with means for pressing the free end of the tongue inwardly and for releasing the pressure on said tongue as the ring is rotated in reverse directions.

1,644,430. TIME-LIMIT RELAY. HERMANN H. W. HERBERS, East Orange, N. J. Filed Nov. 13, 1924. Serial No. 749,589. 2 Claims. (Cl. 200-97.)

1. The combination in a device of the class described having a panel board provided with bearing elements supporting a horizontal shaft having rigidly attached thereto, an armature arm co-actable with an electromagnet mounted on said panel, a contact arm mounted on said shaft and adapted to be rotated therewith, a contact member mounted on said panel in the path of said contact arm adapted to be engaged by the latter when said shaft is rotated, an arm provided with a longitudinal slot engaging a rock shaft supported by a bearing bracket on said panel, said rock shaft provided with an arm fastened to a tiltable mercury-containing vessel presenting a pair of chambers connected by a narrow passage, one of said chambers provided with contact members, whereby said vessel is shifted to elevate the said chamber when the said horizontal shaft is rocked

by energizing of said magnet to cause the mercury to flow from said elevated chamber and away from said contact members for opening the electric circuit there-

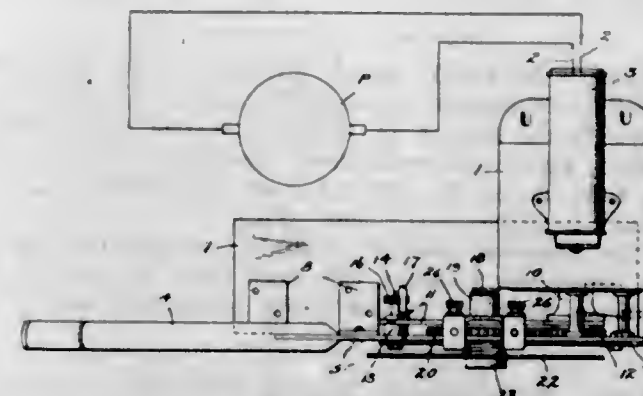


between after said contact arm and the contact on said panels have been in engagement a predetermined period of time.

1,644,431. PROCESS OF PURIFYING CADMIUM. HENRY HOWARD, Cleveland, Ohio, assignor to The Grasselli Chemical Company, Cleveland, Ohio, a Corporation of Ohio. Filed Apr. 24, 1922. Serial No. 556,314. 2 Claims. (Cl. 75-17.)

1. Process of purifying cadmium which comprises treating cadmium sponge with caustic soda solution of 45° B_e. at its boiling temperature in quantity sufficient to dissolve the zinc content of the cadmium sponge.

1,644,432. COMBINATION PORTABLE ELECTRIC SAW AND DRILL. HARRY W. HOWLAND, Seattle, Wash. Filed Jan. 5, 1925. Serial No. 640. 2 Claims. (Cl. 143-43.)



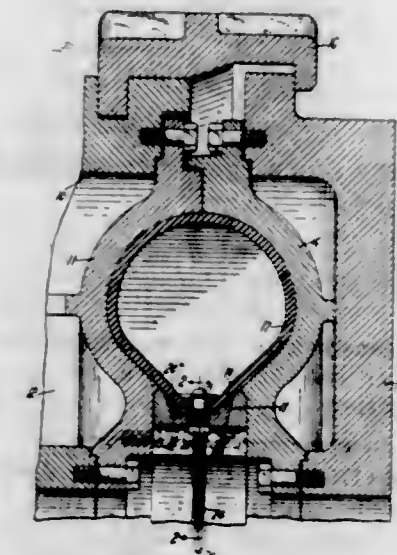
1. A portable tool comprising a motor having a frame affixed to one end thereof, a supporting base attached to the frame, a movable plate abutting the inside of the frame and adjustably connected therewith at the outer end by a binding post affixed to the movable plate and slidably mounted in a slot in the frame, the inner end of the movable plate being pivotally mounted on the motor spindle extending from the end of the motor, a pinion affixed to the motor spindle between the motor and the movable plate, a shaft journaled through the movable plate and slidably adjustable through a curved perpendicular slot in the frame, a driving gear fixed on the shaft and meshing with the pinion, and means on the frame and on the outer end of the shaft for attaching a tool.

1,644,433. VULCANIZER. CHARLES B. HUDSON, Akron, and HENRY C. BOSTWICK, Kenmore, Ohio, assignors to The Akron Standard Mold Company, Akron, Ohio, a Corporation of Ohio. Filed Dec. 3, 1926. Serial No. 152,388. 5 Claims. (Cl. 18-38.)

1. A watchcase vulcanizer for use in curing annular, inflatable articles, said vulcanizer including a stationary

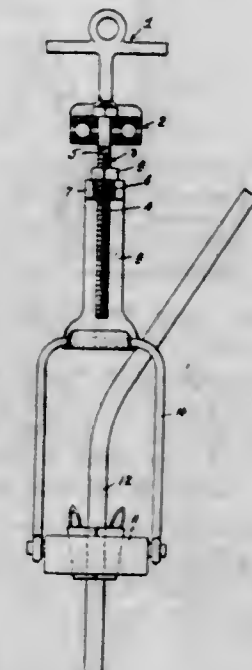
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heated section and a hinged heated section movable into cooperation therewith, mold sections respectively supported on the sections, an integral ring secured on the stationary mold section for supporting the inner periph-



ery of the article and having a comparatively large, inwardly tapered valve aperture therethrough, a plug adapted to fit in said aperture, means for securing the plug to the valve stem of said article, and means for locking the vulcanizer sections together.

1,644,434. ADJUSTABLE BEAM HANGER. FLOYD P. JONES, Torrance, Calif. Filed Dec. 11, 1926. Serial No. 154,185. 2 Claims. (Cl. 255-11.)

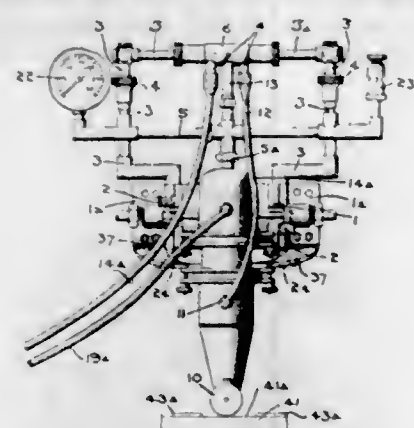


1. In a beam hanger, a cross-head having a swivel thrust bearing formed on its lower end; a clevis hook provided with a threaded bore; a threaded rod engaging with the bore in said clevis hook and said thrust bearing; a clevis depending from said clevis hook; and a clutch member attached to the lower end of said clevis.

1,644,435. MILKING MACHINE. SYDNEY HERBERT KNAPP, Greytown, Wellington, New Zealand, assignor to Stanislaus James Moran, Masterton, New Zealand. Filed Nov. 20, 1924. Serial No. 751,158, and in New Zealand Jan. 18, 1924. 8 Claims. (Cl. 31-64.)

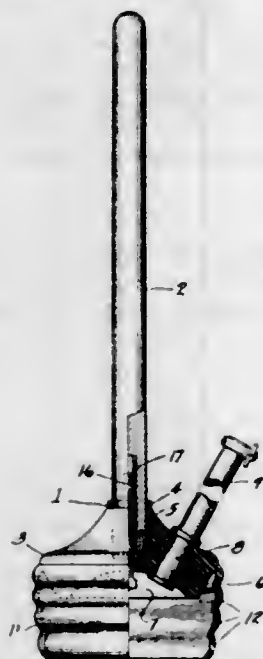
1. In a milking machine, a pressure and vacuum pump and pulsating releaser, a slide valve pulsator, and means

connecting the pump with the pulsator whereby to effect the application of vacuum to one end of the pulsator



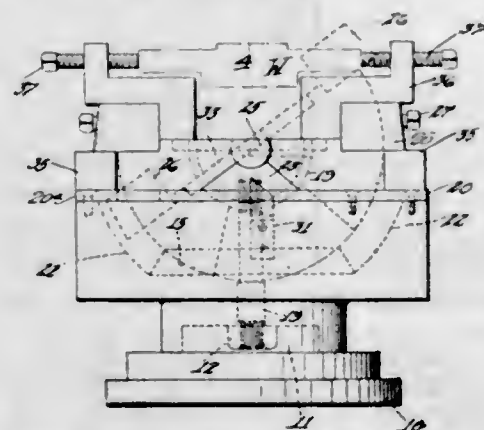
valve simultaneously with the application of compressed air to the other end of the valve for the purpose of operating the latter.

1,644,436. DRAIN-PIPE CLEANER. ARTHUR LOCKE, Tacoma, Wash. Filed Sept. 20, 1924. Serial No. 738,787. 2 Claims. (Cl. 4-256.)



1. A device of the class described, comprising an inverted, cup-like member formed of a yieldable, air and water-tight material, the side walls of the cup being formed in a series of annular corrugations and the upper portion of the cup having a socket in its outer face and formed inside the cup with a depending, conically tapered head and a handle fitted into the socket.

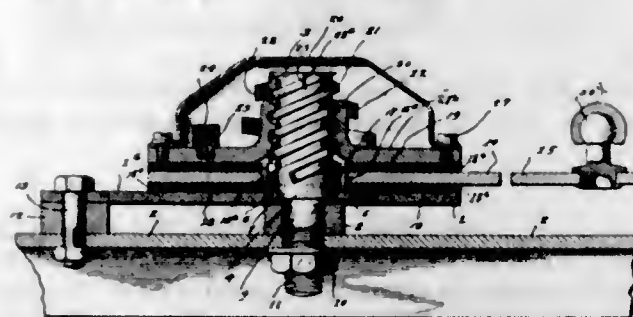
1,644,437. DIE-SINKER'S VISE. BROR M. LOFQVIST, Fitchburg, Mass. Filed Aug. 18, 1925. Serial No. 51,022. 7 Claims. (Cl. 81-41.)



1. In a vise, the combination of a base having a spherical seat, a support for a pair of jaws having a spherical bottom universally adjustable on said seat, a bolt ex-

tending through the base and support for holding the latter in its adjusted positions, a hemispherical nut adjustable about the diametrical center of said support, said support having a pair of center pins projecting from opposite ends in diametrical alignment, bearings on the base for said center pins to permit adjustment about their axis, and means whereby one of said center pins can be removed to permit adjustment about a diametrical axis.

1,644,438. SHOCK ABSORBER FOR VEHICLES. CHARLES MARCUS, New York, N. Y., assignor of one-third to Raymond P. Lansing, Montclair, N. J., and one-third to Harold D. Church, Fairfield, Conn. Filed Nov. 10, 1922, Serial No. 600,082. Renewed Mar. 3, 1927. 29 Claims. (Cl. 267-9.)

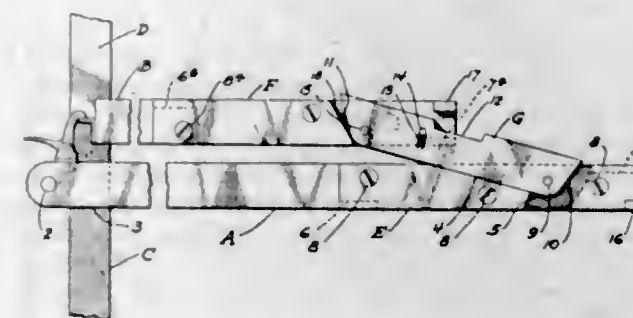


1. A spring check for vehicles comprising a first member adapted to be connected to a vehicle part, a second member mounted for rotation in relation to said first member and having a substantial friction area opposed to a similar area of the first member, a rotatable pressure member frictionally operated by the second member, means controlled by movement of the movable member in one direction by which the pressure member exerts a maximum predetermined pressure on the friction surfaces of said members during substantially the entire movement of the movable member, and means for effecting the initial action of the pressure member.

1,644,439. METHOD AND AGENT FOR DRYING GASES. WILHELM MÜLLER, Butterfeld, Germany, assignor to the Firm I. G. Farben-Industrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Filed Mar. 30, 1927, Serial No. 179,718, and in Germany June 7, 1926. 2 Claims. (Cl. 252-2.5.)

1. The improved method of drying air or other gases which comprises treating the gases with a solution of phosphorus pentoxid in anhydrous phosphoric acid.

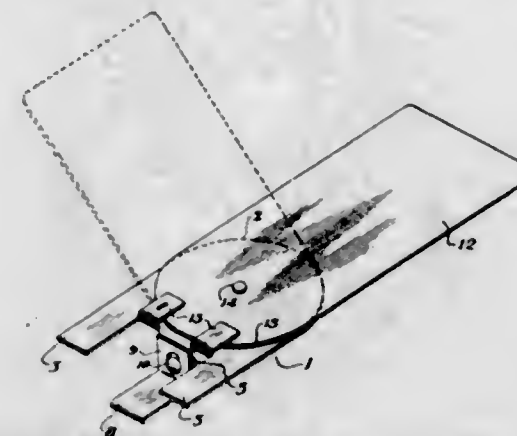
1,644,440. TABLE-LEAF HINGE. WILLIAM A. NOACK, Oakland, Calif., assignor to Concealo Fixture Company, Inc., a Corporation of Nevada. Filed Apr. 29, 1925. Serial No. 26,639. 2 Claims. (Cl. 16-166.)



1. A hinge structure comprising an inner and an outer hinge plate, said plates adapted to be secured to the side edges of a pair of leaf members, a link plate pivotally attached at one end to the inner hinge plate, an inclined supporting shoulder formed on the inner hinge plate and limiting pivotal movement of the link plate in one direction, a second shoulder on the inner hinge plate limiting movement of the link plate in the other direction.

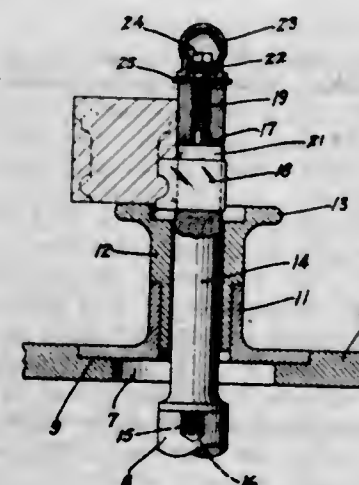
and supporting the same in a horizontal position, a pivotal connection between the opposite end of the link plate and the outer hinge plate, and cooperating means on the link plate and the outer hinge plate limiting pivotal movement of the outer hinge plate with relation to the link plate.

1,644,441. ARM REST. FRANK O'BRIEN, Canton, Ohio, assignor of one-half to Howard G. Best, Canton, Ohio. Filed Sept. 28, 1926. Serial No. 138,191. 2 Claims. (Cl. 155-198.)



1. An arm rest comprising a clamp portion arranged to be clamped to the table of a desk or the like, an arm rest plate pivotally connected to the clamp portion and tangs upon the clamp portion extended over the end of the arm plate for bracing the same.

1,644,442. TOOL SPINDLE FOR WOOD SHAPERS. JOHN W. OSTMAN, Minneapolis, Minn. Filed Nov. 9, 1925. Serial No. 67,847. 9 Claims. (Cl. 144-134.)

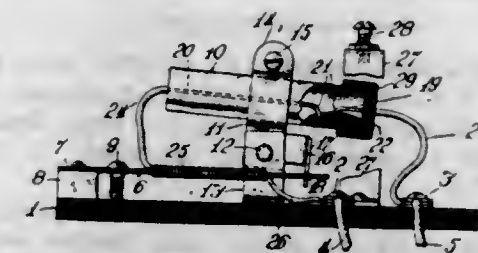


1. A tool spindle for wood shapers, having an opening therein adapted to receive a tool, a threaded socket in the spindle, a lock screw in said socket adapted to engage said tool, and lock it to said spindle, and means covering the upper end of said lock screw.

1,644,443. THERMALLY-OPERATED CIRCUIT BREAKER. PAUL B. PARKS, Oak Park, Ill., assignor to Vapor Car Heating Company, Inc., Chicago, Ill., a Corporation of New York. Original application filed Feb. 19, 1925, Serial No. 10,292. Divided and this application filed Aug. 24, 1925. Serial No. 52,112. 3 Claims. (Cl. 200-122.)

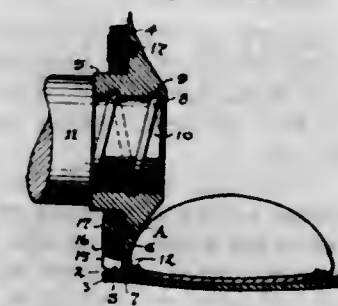
1. A circuit breaker comprising a heat sensitive element, an electrical resistance element associated therewith for warping the heat sensitive element, a rocking member connected with the heat sensitive element and gradually moved by the heat sensitive element in response to tem-

perature changes, a substantially horizontal closed tube carried by the rocking member, a pair of spaced contacts within the tube adjacent one end and connected in series



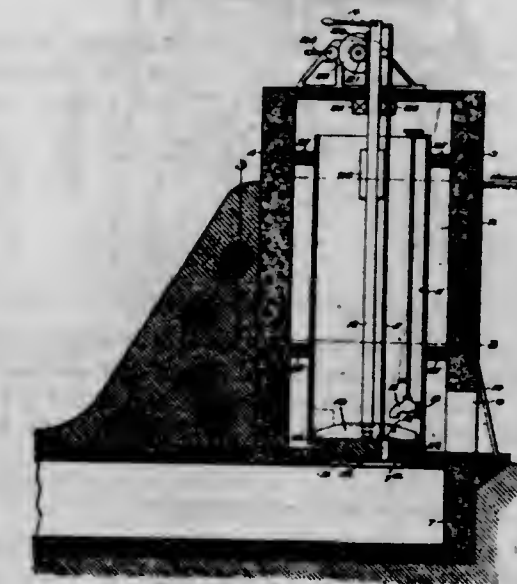
with the resistance element, and a free metallic globule within the tube and adapted to bridge the spaced contacts when the contact-carrying end of the tube is lowermost.

1,644,444. STITCH-PICKING DEVICE. OLE PETERSON, Cleveland, Ohio. Filed Feb. 20, 1926. Serial No. 89,525. 2 Claims. (Cl. 12-17.)



1. A stitch picking device, comprising a metal disk having a round hub portion adapted to be connected detachably to a rotatable shaft, one side of said disk being of conical form curved on concave lines and the opposite side being flat to form a flange of gradually tapering thickness terminating in a narrow peripheral bearing and guarding edge, and a flat ring-shaped plate sleeved over said hub portion and secured detachably to the flat side of said flange having at its periphery picking teeth, each tooth beginning with a rounded corner contiguous to said narrow peripheral edge and slanting away therefrom toward the axis of the device, said rounded corner of each tooth projecting beyond said peripheral edge.

1,644,445. SLUICE-GATE CONSTRUCTION. HENRY B. PRATT, Antrim, N. H. Filed Sept. 27, 1924. Serial No. 740,262. 22 Claims. (Cl. 61-22.)



15. Sluice gate construction comprising, in combination, a gate, a head water inlet thereto and outlet therefrom, a seat for the gate with a water passage there-

through and providing head water pressure simultaneously about the seat and beneath the gate, whereby when the head water is drawn from the gate, the head water beneath the gate acts to raise it.

1,644,446. SHADOW-PRODUCING AGENT AND PROCESS FOR MAKING THE SAME. BERNHARD RAPP, Darmstadt, Germany. Filed May 17, 1926, Serial No. 109,801, and in Germany Jan. 19, 1925. 6 Claims. (Cl. 167-7.)

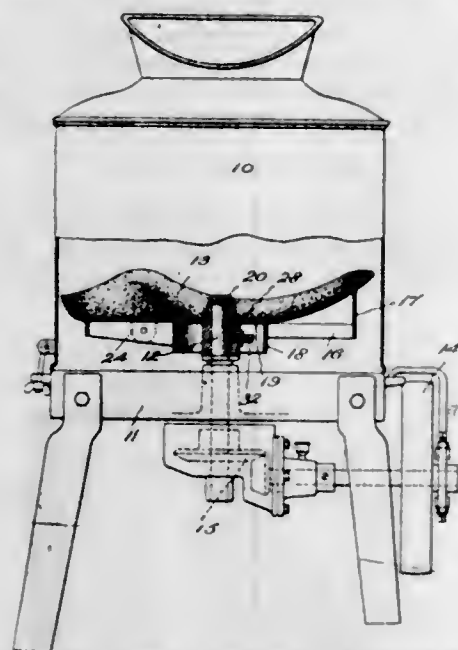
1. The process for preparing a shadow-producing agent which consists of freshly precipitating barium sulphate, removing therefrom the excess of moisture, then mixing intimately therewith, while still moist, a finely subdivided sugar, spreading the said mixture in a thin layer, drying the same at a temperature of between 70° to 100° C., and then finely powdering the dried material and passing through a sieve.

5. A shadow-producing preparation consisting of a mixture of 100 parts of barium sulphate, 12.5 parts of cane sugar, and gum tragacanth.

1,644,447. TREATMENT OF PAPER PULP. CLARENCE R. ROBINSON, South Orange, N. J., assignor to Robinson Fibre Corporation, Wilmington, Del., a Corporation of Delaware. Filed Feb. 6, 1925. Serial No. 7,344. 11 Claims. (Cl. 92-9.)

1. The method of treating paper pulp to separate the fibres which comprises adding a solution of sodium peroxide to the pulp until the whole reacts alkaline to litmus under conditions permitting the sodium peroxide to act freely and without retardation, and then agitating to complete the separation of the fibres while maintaining the mixture at a temperature somewhat above usual atmospheric temperature but insufficiently high to injure the fibres.

1,644,448. VEGETABLE-PARING MACHINE. HENRY ROBINSON, Lyndhurst, N. Y. Filed Oct. 12, 1926. Serial No. 141,087. 4 Claims. (Cl. 146-49.)

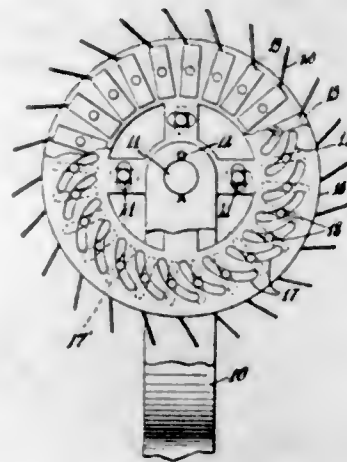


1. In a vegetable paring machine, a vertical driving shaft, an abrasive plate having high and low portions and a mounting frame between said plate and shaft provided with upward extensions adapted to fit under the higher portions of the abrasive plate.

1,644,449. CULTIVATING IMPLEMENT. CELSO J. RODRIGUEZ, Wells, Minn. Filed Sept. 9, 1925, Serial No. 55,234. Renewed Aug. 24, 1927. 1 Claim. (Cl. 97-215.)

A cultivator implement of the class described comprising a fork, a shaft journaled in the prongs of said fork,

said fork adapted to be attached to a cultivator, pair-wise arranged discs, the outer of each pair having a plurality of curved slots therein, the inner disc having straight radial slots therein, pins adapted to travel in said slots, said slots being adapted to co-operate in uni-



formly positioning said pins upon relative movement of said discs, sockets secured to said pins, a plurality of curved cutter blades held by said sockets, having their apexes in approximately the middle between said prongs, and means for adjusting and locking the discs in their adjusted positions.

1,644,450. CARLINE. THOMAS NATHAN RUSSELL, Chicago, Ill., assignor, by mesne assignments, to Chicago-Cleveland Car Roofing Company, Chicago, Ill., a Corporation of Delaware. Filed Mar. 13, 1920. Serial No. 365,478. 5 Claims. (Cl. 108-5.6.)



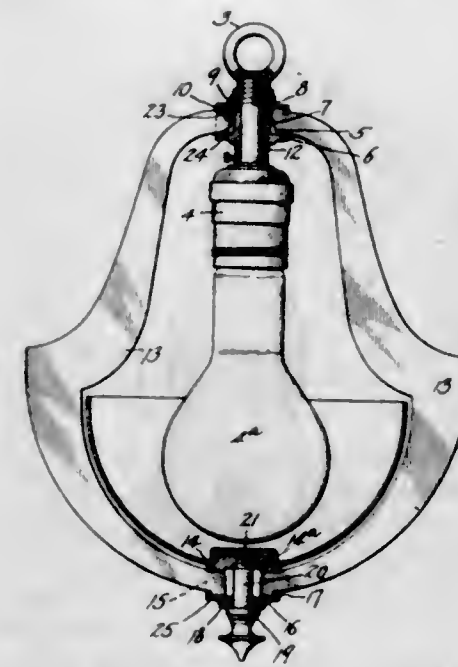
1. In a car roof, in combination: a roof frame including side Z-bars secured to the side members of said frame and having their top horizontal flanges extended inwardly beyond the inner faces of said side members; a carline extended between said Z-bars and constituted of a single steel bar formed with a central upstanding reinforcing rib that extends from end to end of the carline and tapers downwardly from the apex thereof to its opposite end, and with side horizontal flanges extending along the opposite sides of said reinforcing rib, the aforesaid rib and side flanges being bent downwardly at the opposite ends of the carline over against the outer faces of the vertical webs of the aforesaid Z-bars; and means for securing the horizontal flanges of said carline to the top horizontal flanges of said Z-bars, substantially as specified.

1,644,451. PAPER AND PROCESS OF MAKING SAME. HAROLD A. SMITH, Passaic, N. J., assignor to The Hamersley Manufacturing Company, Garfield, N. J., a Corporation of New Jersey. Filed Aug. 15, 1925. Serial No. 50,489. 4 Claims. (Cl. 91-68.)

1. As an article of manufacture, a paper containing starch, a part of the cellulose of the paper having been converted into cellulose hydrate.

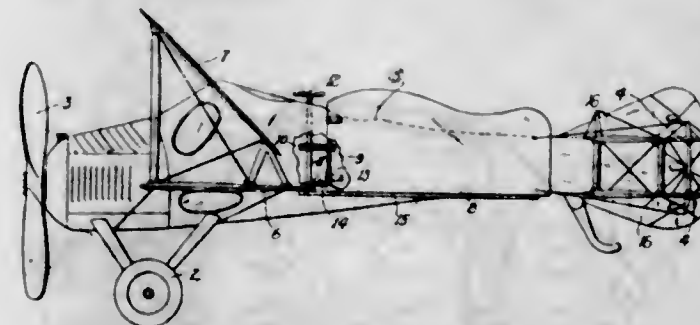
4. The process which consists in beating and jordaning pulp to convert a part of its cellulose to cellulose hydrate, passing the resulting product through a starch solution maintained at a temperature ranging from 120° F. to 212° F., pressing, and then drying.

1,644,452. LAMP FIXTURE. WILLIAM H. SPENCER, Bogota, N. J., assignor to I. P. Frink Inc., New York, N. Y., a Corporation of New York. Filed Mar. 4, 1926. Serial No. 92,260. 10 Claims. (Cl. 240-78.)



1. In a lamp fixture, the combination with a connection head comprising a bracket-arm supporting block and a cap rotatable in a fixed plane on said block, said block being provided with a recess opening axially and radially outward, and a bracket-arm having one end seated in said recess and provided with a projection presented toward said cap, said cap having an axially-presented flange adapted to interlock with said projection, said flange being provided with a notch movable into and out of position to permit the passage of said projection into and out of position behind said flange.

1,644,453. AIRPLANE. GEORGE STEENSTRA, St. Louis, Mo., assignor of one-sixth to Harry B. Seligstein, one-sixth to Morris F. Seligstein, and one-sixth to Sidney J. Seligstein, St. Louis, Mo. Filed June 27, 1924. Serial No. 722,643. 2 Claims. (Cl. 244-12.)

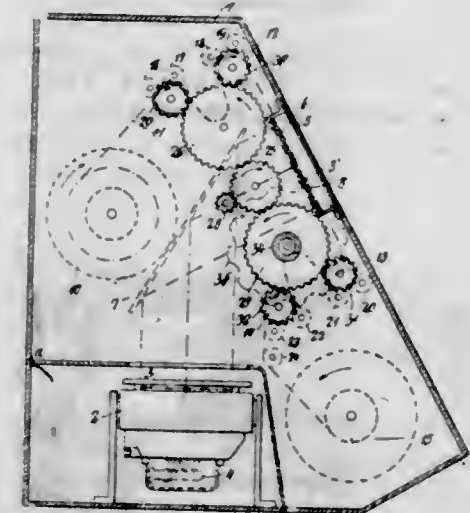


1. An airplane comprising a lower wing, and an upper wing inclined relative thereto, said upper wing being so positioned that a continuation thereof would coincide with the edge of the lower wing.

1,644,454. BEARING AND DIRECTION INDICATOR WITH SECTION MAP FOR VEHICLES. ROBERT TIEREMANN, Munich, Germany. Filed Oct. 4, 1926. Serial No. 139,506, and in Germany May 13, 1925. 3 Claims. (Cl. 33-222.)

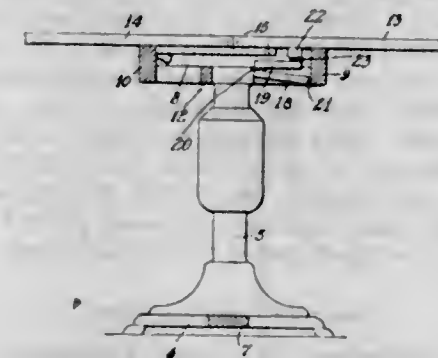
1. In a direction indicator for vehicles, a casing, a window in the casing, a transparent strip map in the casing, means operated by a moving part of the vehicle for moving the map in front of the window, a plurality of rhumb-cards on the strip map, each located a distance from the adjacent one proportional to distances between

road branches, each rhumb-card having a hand thereon indicating a direction of travel, a compass in the casing, a mirror in the casing to receive the reflection of the com-



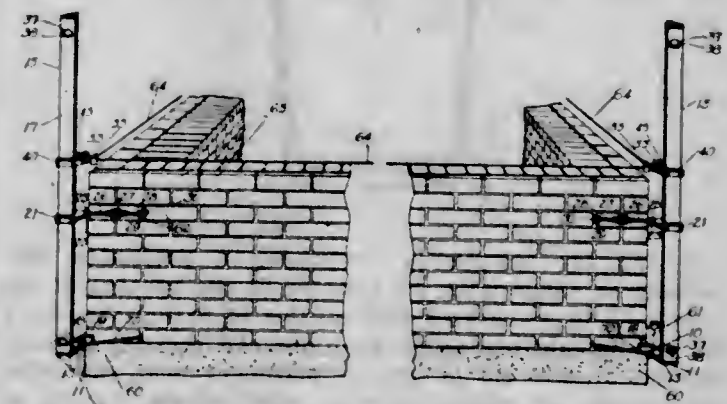
pass needle and the needle reflection in the mirror being viewable through the transparent strip map and window in superposed relation with respect to the rhumb-cards.

1,644,455. FOLDING TABLE. ALBION L. WARNER, New York, N. Y., assignor to Charles Lyon Russell, Rahway, N. J. Filed Nov. 24, 1926. Serial No. 150,435. 3 Claims. (Cl. 45-9.)



1. In a folding table, the combination with a frame, of a pair of leaves hinged together and supported thereon and a pair of rigid links pivoted together and to one of the leaves and frame for preventing skewing of the leaf.

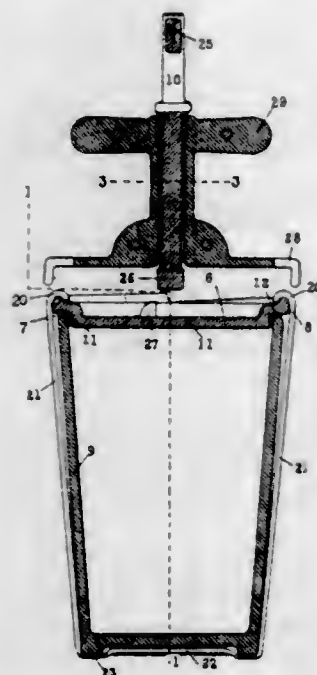
1,644,456. CORNER GUIDE FOR BRICKLAYING. WALTER WINTER, Tulsa, Okla. Filed May 12, 1926. Serial No. 108,525. 8 Claims. (Cl. 23-85.)



1. In a device of the character described, a standard, standard supporting and spacing brackets having wall engaging portions spaced from said standard, one of said brackets comprising means for plumbing said standard and

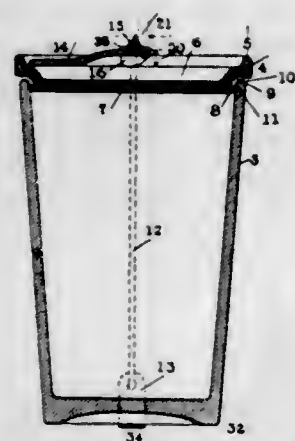
a gauging member vertically adjustable on said standard, said gauging member having a body portion engaging said standard and a gauging portion spaced from said standard and adjustable relative to said body portion.

1,644,457. PRESERVING GASKET. ARTHUR YANCEY, New Orleans, La. Filed Nov. 4, 1925. Serial No. 66,759. 4 Claims. (Cl. 215-40.)



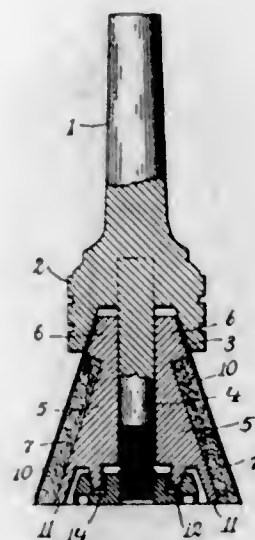
1. A closure having a gasket seat comprising two angularly disposed parts in combination with an elastic gasket stretched originally before use as a flat layer upon both of the angularly disposed parts and defining on said seat two elastic walls at an angle to each other, said gasket normally, when unapplied to said seat, having a periphery differing in shape from the periphery of the gasket seat, said gasket being held in original engagement with the said angularly disposed parts by the tendency of the stretched gasket to contract upon the gasket seat.

1,644,458. TUMBLER CAP AND CLOSURE. ARTHUR YANCEY, New Orleans, La. Filed June 12, 1925. Serial No. 36,739. 1 Claim. (Cl. 215-40.)



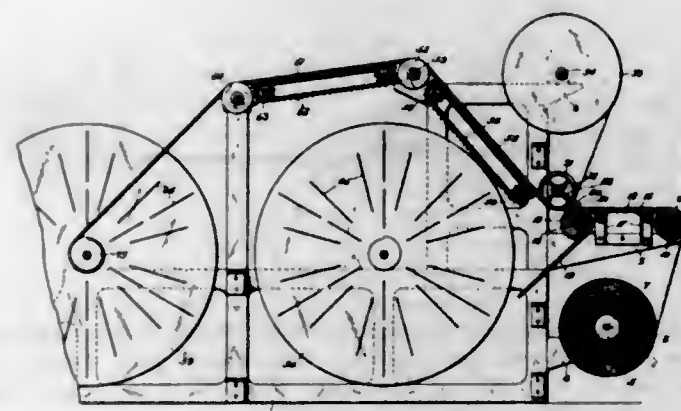
A cap for receptacles comprising a projection conforming in shape with the interior of the opening of the receptacle to be covered and capable of fitting therein, a rib around said projection near one end thereof, a flange parallel to said rib of greater periphery near the other end thereof for resting over the edges of the opening of the receptacle, a continuous arcuate surface between the rib and the interior edge of the flange connecting the former with the latter, and a ribbon like gasket extending from said rib covering said arcuate surface and extending as a flat covering upon the flange.

1,644,459. HEEL BURNISHER. VINCENZO ARBADESSA, Newton Upper Falls, Mass., assignor of one-half to Louis A. Andrews, Newton Upper Falls, Mass. Filed Aug. 16, 1926. Serial No. 129,391. 1 Claim. (Cl. 51-194.)



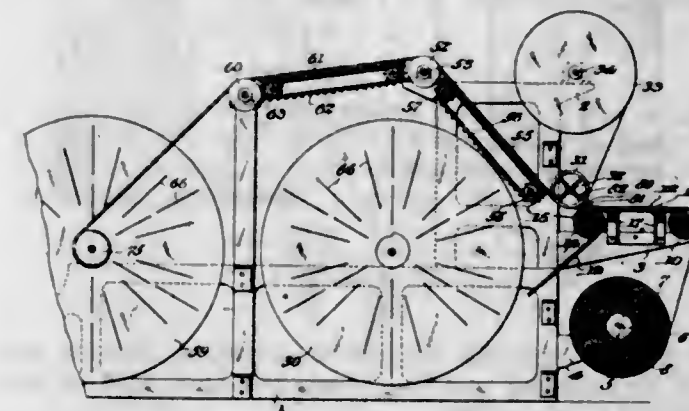
In a heel buffer comprising a spindle having a cupped head and a threaded bolt, a conical body in two diametrically separated parts whose upper portion fits in said cupped head, and yielding material surrounding the lower exterior of said body, the combination therewith of a nut screwing onto the lower end of said threaded bolt, said nut having an annular groove in its upper surface, and the under end of said body having an annular flange tapered exteriorly and engaged by said groove for drawing the two parts of said body together, the under surface of said body having a skirt descending to the level of the lower end of said bolt, said yielding material descending to the limits of said skirt, and abrading material surrounding the periphery of said yielding material.

1,644,460. APPARATUS FOR PIECE DYEING. THEODOR J. BACHOFEN, Westbrook, Me. Filed Nov. 4, 1925. Serial No. 66,818. 30 Claims. (Cl. 8-20.)



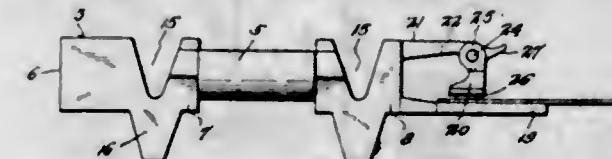
25. An apparatus of the class described, including a frame, a pair of chain drums, spaced cloth carrying chains adapted to be wound on the drums and to be reeled from one drum to the other and provided with cloth engaging projections, a feed table, a chain guiding roll located adjacent the table and arranged to support the chains in position to permit the cloth passing over the table to be engaged with the projections of the chains, tapes adapted to extend longitudinally of the chains, and means for guiding the tapes onto the chains for confining the cloth in engagement with the said projections.

1,644,461. PROCESS FOR PIECE DYEING. THEODOR J. BACHOFEN, Westbrook, Me. Original application filed Nov. 4, 1925, Serial No. 66,818. Divided and this application filed Mar. 9, 1926. Serial No. 93,480. 7 Claims. (Cl. 8-5.)



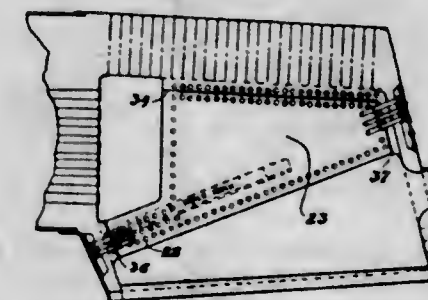
1. The method of controlling shrinkage and retaining the desired width and length of piece goods while the same are exposed to shrinkage consisting in winding the goods in spaced layers and positively maintaining the goods in a stretched and wound condition while the wound goods as a unit are subjected to such operations as boil-off, bleaching, dyeing, drying.

1,644,462. MACHINE FOR PIECE DYEING. THEODOR J. BACHOFEN, Westbrook, Me. Filed Mar. 30, 1926. Serial No. 98,556. 6 Claims. (Cl. 8-16.)



1. In a machine of the class described, the combination of a drum having a hub provided with tapered annular grooves and a side chain adapted to be wound around the said drum and composed of links provided at one face with tapered grooves and having lugs projecting from the opposite face adapted to fit the grooves of the drum and the grooves of contiguous links, and clamps carried by the inner portions of the links for engaging a web of material.

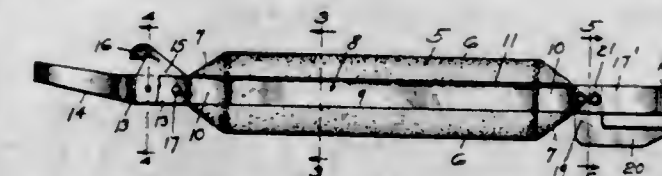
1,644,463. LOCOMOTIVE-TYPE BOILER. JOHN B. BROWN and JOHN P. KANE, Portland, Oreg. Filed Apr. 13, 1926. Serial No. 101,674. 5 Claims. (Cl. 122-68.)



1. In a fire box for a locomotive type boiler, said fire box having inner sheets embodying a flue sheet, a crown sheet and a door sheet with an outer shell embodying a throat sheet and a boiler head, said outer shell cooperating with the inner sheets to form water spaces, the combination of a hollow water circulating element disposed longitudinally of the fire box and inclined downwardly from rear to front thereof and connected to the crown sheet, the door sheet, and the flue sheet, and opening into the water spaces defined by all of said sheets, said water circulating element having spaced stayed walls, a plurality of staying means rigidly secured to the inner falls of the element at the front and rear and having elongated holes provided in their outer ends, a plurality of

T irons rigidly secured to the outer sheets cooperating with the flue sheet and the door sheet opposite the open ends of the element, means connecting the staying means to the T irons through the elongated holes, and means rigidly connecting the water circulating element to the crown sheet, the flue sheet and the door sheet.

1,644,464. CULINARY IMPLEMENT. ERNEST R. CAIN and CLAUDE R. McMILLAN, Kingstree, S. C. Filed Dec. 14, 1926. Serial No. 154,793. 3 Claims. (Cl. 7-1.)



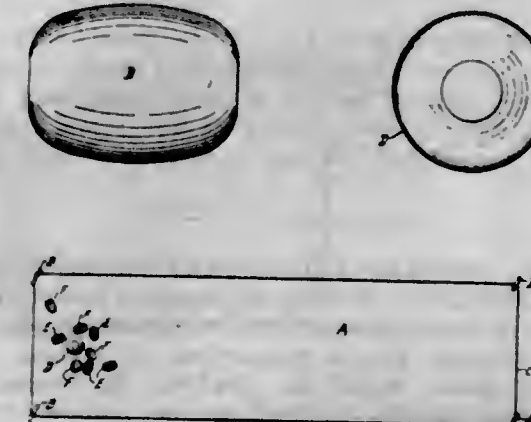
2. A culinary implement of the character described, comprising a non-metallic body portion serving as a heat-insulating handle and also adapted to sharpen edged implements and provided with longitudinal grooves, a metallic frame having longitudinal sides held within said grooves, said sides extending beyond the ends of the body portion in the form of pairs of spaced parallel arms constituting the shanks of handle portions, said arms being provided at their outer ends with laterally bent extensions to prevent the fingers slipping from said shanks, and reinforcing and stiffening members arranged between the pairs of arms and rigidly attached thereto.

1,644,465. TEETH-CLEANING DEVICE. EDWARD L. CHOTT, Chicago, Ill., assignor of one-half to Hugo J. Chott, Chicago, Ill. Filed Sept. 21, 1925. Serial No. 57,526. 3 Claims. (Cl. 32-10.)



1. A device of the class described comprising a mandrel; jutting parts at one end thereof; a bore in one end of said mandrel; said jutting parts being bent from the wall, defining said bore and a rubber contact piece compressed and vulcanized about said jutting parts and within said bore to the bottom thereof and embedding the same therein, substantially as described.

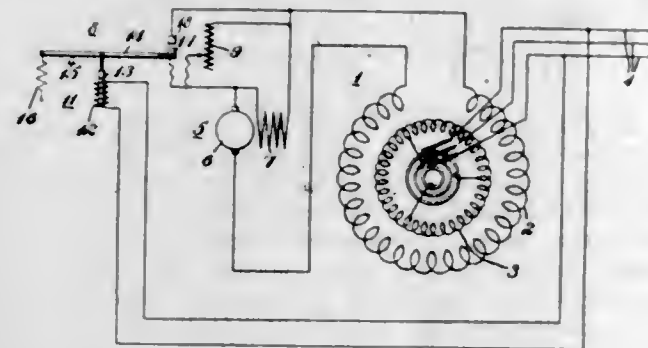
1,644,466. BOWLING GAME. ARTHUR B. DEWES, St. Louis, Mo. Filed Dec. 18, 1925. Serial No. 76,193. 1 Claim. (Cl. 273-128.)



An improved article of manufacture for use in playing a game, comprising an elongated member having its

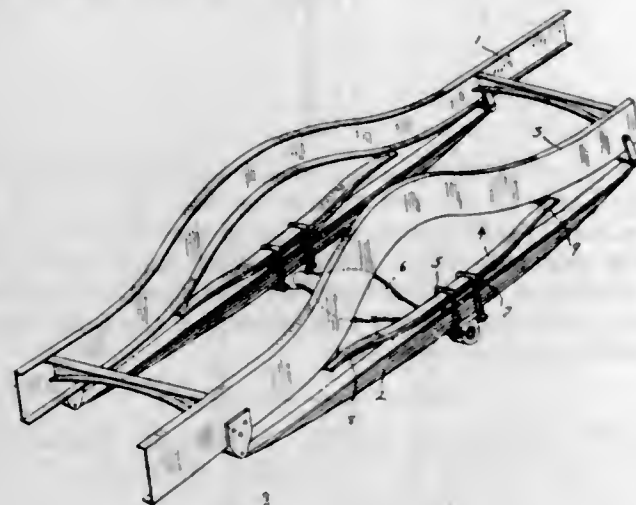
opposite ends uniformly tapered and terminating in flat surfaces, the cross-sectional shape of said member in a direction parallel to the longitudinal axis thereof being elliptical, and in a direction transverse to the longitudinal axis thereof being circular, said member being of a substantially uniform density throughout.

1,644,467. REGULATOR SYSTEM. CHARLES L. G. FORTESCUE, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Sept. 1, 1921. Serial No. 497,757. 13 Claims. (Cl. 171-119.)



1. The combination with a dynamo-electric machine comprising an armature and a field-magnet winding, of a series-connected exciter in series relation with said field-magnet winding, and regulating means associated with said exciter comprising a resistor in parallel relation to said exciter field-magnet winding, and electro-magnetic means controlling a shunt circuit for said resistor.

1,644,468. VEHICLE SPRING SUSPENSION. TORR FRANZEN, Detroit, Mich., assignor to Detroit Steel Products Company, Detroit, Mich., a Corporation of Michigan. Filed Dec. 2, 1924. Serial No. 753,519. 8 Claims. (Cl. 267-45.)

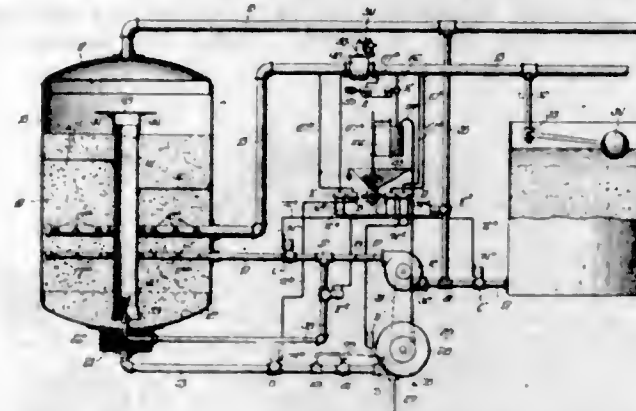


1. The combination with a vehicle frame, of a spring secured in spaced relation thereto and means comprising an auxiliary spring secured to said spring and having the end portion thereof slidably engaging said frame for offering a progressively increasing resistance to the flexing thereof.

1,644,469. PROCESS AND APPARATUS FOR UTILIZING ZEOLITES. WALTER H. GREEN, Chicago, Ill., assignor, by mesne assignments, to General Zeolite Company, Chicago, Ill., a Corporation of Illinois. Filed June 8, 1923. Serial No. 644,085. 32 Claims. (Cl. 210-24.)

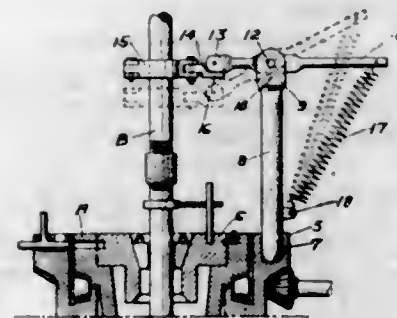
1. The process of softening water which comprises passing hard water continuously upwardly through a

portion of a bed of zeolite, intermittently passing a regenerating solution downwardly through another portion



of the bed, washing out the regenerating solution and then transferring particles of the bed from each of said portions to the other.

1,644,470. TONG SUPPORT FOR EARTH-BORING APPARATUS. EDGAR E. GREVE, Bellevue, Pa. Filed Nov. 8, 1922. Serial No. 599,669. 12 Claims. (Cl. 255-35.)



1. A tong support for use in connection with rotary drilling operations comprising a post, a transverse lever pivotally carried by the post movable on a horizontal axis, a tong carried at the inner end of the lever, and means for counteracting the weight of the tong.

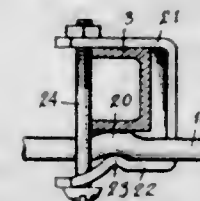
1,644,471. MOTORIST'S SERVICE-RECORDING DEVICE. THOMAS P. HAGERMAN, St. Louis, Mo. Filed Mar. 21, 1925. Serial No. 17,186. 2 Claims. (Cl. 40-68.)



1. A device of the character described comprising a casing front wall having a series of transverse slots, a resilient casing back wall, side and end walls connecting the front and back walls, a shaft supported in the casing opposite said slots, a series of indicating devices mounted

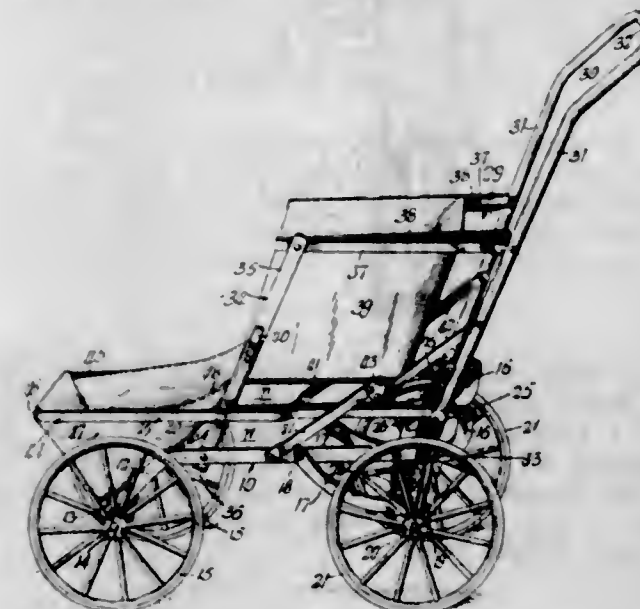
on said shaft and arranged to display a row of digits through said slots, and a series of projections integral with said back wall engaging and holding the respective indicating devices from accidental rotation and permitting certain of said indicating devices to be turned manually and independently of each other while holding others of said devices from rotation.

1,644,472. POULTRY COOP OR CRATE. CHARLES T. HATCH, Albion, Mich., assignor to Union Steel Products Company, Albion, Mich. Filed Nov. 18, 1925. Serial No. 69,898. 8 Claims. (Cl. 220-19.)



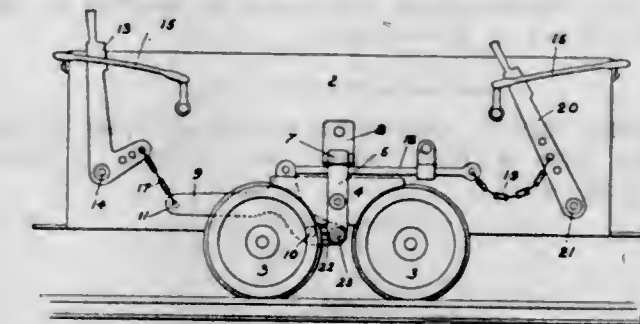
1. In a structure of the class described, the combination of a panel comprising corner uprights, an intermediate upright, wall panels comprising horizontal bars provided with slats, said bars being secured at their ends to said corner uprights and having inward offsets therein aligned with said intermediate upright, U-shaped clips embracing said intermediate upright and said horizontal bars, the outer arms of said clips having inward offsets therein engaging the offsets in said horizontal bars, such clip arms projecting beyond their offsets to provide spring members, and clamping bolts arranged through the arms of said clips.

1,644,473. PERAMBULATOR. FREDERICK H. HEADLEY, Northfield, near Birmingham, England. Filed Jan. 19, 1924. Serial No. 687,183, and in Great Britain Oct. 12, 1923. 2 Claims. (Cl. 280-36.)



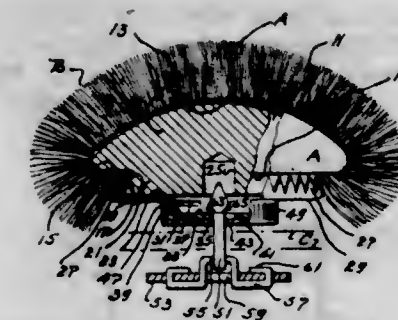
1. In a perambulator, the combination of a chassis comprising longitudinally extending frame members, front and rear wheels operatively connected to said frame members, a handle bar including upwardly and rearwardly inclined side members pivotally connected at their bottom ends to said chassis frame members near their rear ends, a pair of links connected at their bottom ends to the chassis frame members forward of the handle bar side members, longitudinal bars connecting the top ends of said links with the handle bar, a seat member carried by said bars and attached to said links, a U-shaped foot rest frame pivoted at its rear ends to the rear ends of the chassis, a foot rest carried by the front end of said last mentioned frame, and means providing upwardly facing hooks on said links adapted to be engaged by the side members of said U-shaped foot rest frame to hold the same in one of a number of different positions.

1,644,474. MINE-CAR BRAKING MECHANISM. JOHN A. HEBB, Hopwood, Pa. Filed May 19, 1926. Serial No. 110,062. 12 Claims. (Cl. 188-57.)



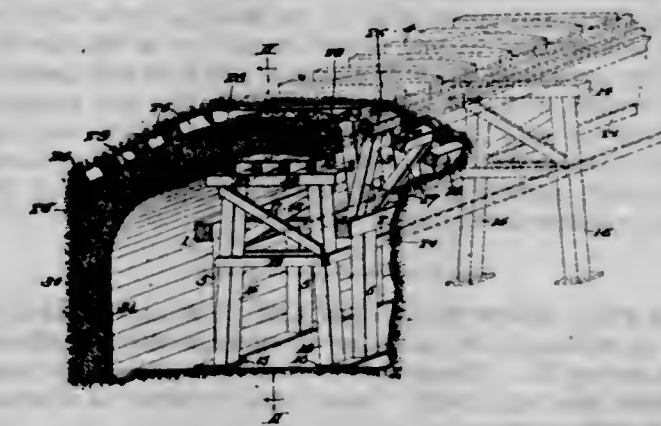
1. The combination with a mine car having wheels thereon, of a braking mechanism therefor comprising a pair of vertically movable shoes adapted to be moved into wheel engaging position, a transverse rock shaft, a pair of levers secured to said rock shaft each operatively connected with one shoe, a hand lever at diagonally opposite corner portions of the car, and means flexibly connecting each of said diagonally located levers with one of the rock shaft levers.

1,644,475. BUTTON. HENRY HERMAN, New York, N. Y., assignor, by direct and mesne assignments, of one-third to Ethel Herman, one-third to Mary Gennis, and one-third to Harry Pordy, New York, N. Y. Filed May 15, 1926. Serial No. 109,303. 3 Claims. (Cl. 24-113.)



1. A button including a form adapted to have a covering material laid over one of its sides, said form having a recess in the other side thereof, a member acting to stretch the material around said form retaining the same in said recess, an element capable of being anchored by one extremity to a coacting garment, and means on said member serving to disconnectably engage the free end of said element.

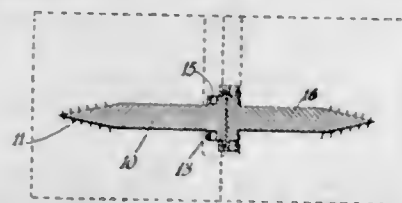
1,644,476. METHOD OF CONSTRUCTING UNDERGROUND TUNNELS. JOHN J. KENNEDY, New York, N. Y. Filed Mar. 23, 1925. Serial No. 17,506. 3 Claims. (Cl. 61-42.)



1. The method of constructing underground tunnels comprising, cutting a longitudinal opening, progressively inserting a series of transversely arranged cap beams in

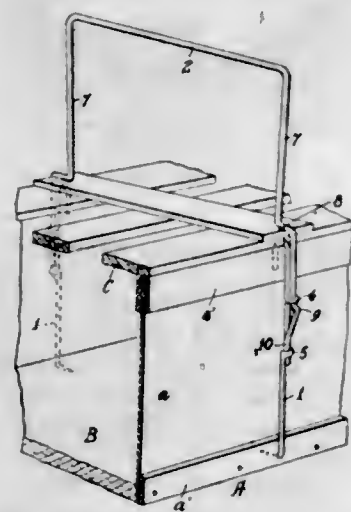
close proximity to each other to support the top of said opening, locating a longitudinal form a predetermined distance below said series of cap beams, and filling the form and embedding the cap beams in concrete to construct the key of the tunnel.

1,644,477. BOLT. DANIEL KLAUS, Golden Valley, N. Dak. Filed June 8, 1926. Serial No. 114,336. 1 Claim. (Cl. 85-42.)



In a screw, a pair of opposing studs having oppositely disposed pointed and threaded ends, heads on said studs, means for permanently interlocking said heads for permitting independent rotation of either of said studs in either direction comprising an encircling flange rectangular in cross section on one of said heads, means on the opposite head engaging said flange for rotatably interlocking both heads comprising a lip on one head overlapping the face of the flange around the entire periphery of the opposite head, said lip forming a channel in its respective head, the channel rotatably receiving the flange of the opposite head and spanner holes formed on the heads of said studs.

1,644,478. HANDLE FOR WOODEN BASKETS. HENRY W. KRAMER, Kingston, N. Y., assignor to Ralph P. Young, Marlboro, N. Y. Filed Apr. 2, 1926. Serial No. 99,214. 11 Claims. (Cl. 217-125.)

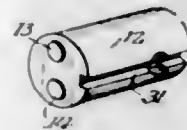


1. In a handle for baskets, a metallic side member, provided with a guiding portion, and a locking portion at a distance therefrom, longitudinally, at least one of said portions being located in position to be held at a point below the upper edge of the basket, and a detachable ball member having a guiding portion to engage the guiding portion of the side member, and a locking portion to interlock with the locking portion of the side member, portions of said ball member extending below the top edge of the basket and overlapping the adjacent portions of the side member, and reinforcing the upper edge of the basket against spreading.

1,644,479. SWITCHING SOCKET. WILLIAM LESCHMAN, Chicago, Ill., assignor to Chicago Electric Manufacturing Co., Chicago, Ill., a Corporation of Illinois. Filed Nov. 12, 1925. Serial No. 68,724. 4 Claims. (Cl. 173-346.)

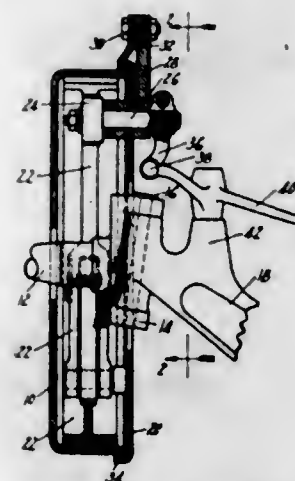
1. For use with a lamp bulb having two terminals on its base end, a switching socket comprising a tubular shell provided at its forward end with means for interlocking

it with the base of the lamp bulb and having more rearwardly a circumferential slot, a handle having a bore extending into it from its forward end and entered by the rear end of the said shell; a body member comprising an insulator extending into the shell from the rear end thereof and a pair of spaced conductors extending longitudinally of the insulator through the latter, the insulator having a longitudinal groove on one side thereof; a pair of circuit wires secured respectively to the two conductors and extending through the handle, a



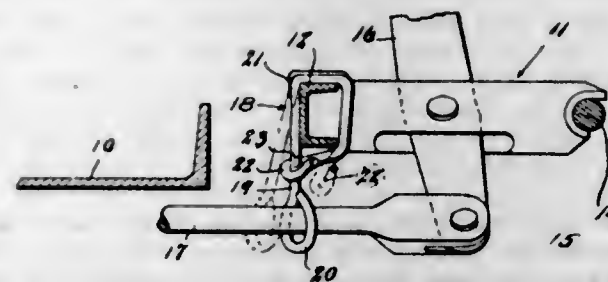
pin fast on the handle and extending transversely of the handle into the bore thereof through the said circumferential slot and into the groove in the insulator, and spring means interposed between the handle and the insulator for pressing the insulator forwardly; the said spring means comprising a washer bearing against the rear end of the insulator and having a pair of spaced perforations through which the wires respectively extend, and a compression spring disposed within the handle behind the washer.

1,644,480. BRAKE-OPERATING MECHANISM. EUGENE G. McDONALD, South Bend, Ind., assignor to Bendix Brake Company, Chicago, Ill., a Corporation of Illinois. Filed Feb. 25, 1926. Serial No. 90,438. 21 Claims. (Cl. 188-194.)



1. A brake comprising, in combination, a drum, friction means within the drum having adjacent separable ends, a brake-applying device engaging said ends, and a support for the brake-applying device mounted outside the circumference of the drum and permitting the device to shift when the brake is applied to balance the pressures on said ends.

1,644,481. CONNECTING-ROD SAFETY LOOP. AMBROSE CLARK MOORE, Chicago, Ill., assignor to Chicago Railway Equipment Company, Chicago, Ill., a Corporation of Illinois. Filed Nov. 27, 1925. Serial No. 71,643. 15 Claims. (Cl. 188-205.)



1. A brake connecting rod support formed of a single piece of material and having interlocking resilient end

portions for detachably engaging a supporting member, and a depending portion adapted to encircle a connecting rod of a brake gear.

1,644,482. PERFUME DISPENSER. PAUL FREDERICH WILLIAM MULLER, Hoboken, N. J. Filed Apr. 3, 1926. Serial No. 99,449. 1 Claim. (Cl. 41-14.)



An artificial flower having a skeleton, comprising a glass bulb with a perforated surface, and adapted to be screwed onto a tube, said tube having its upper end closed, with a perforated surface, a lower tube connected to said upper tube and having a narrowed projection inserted into same, a stopper inserted at the bottom of said lower tube, an absorbent substance to be placed in said glass bulb for retaining perfume when inserted in same through the lower tube, and suitable material attached to said skeleton to form an artificial flower, substantially as shown and described.

1,644,483. REDUCTION OF NITRO COMPOUNDS. RALPH A. NELSON and ANTON PRASIL, Buffalo, N. Y., assignors to National Aniline & Chemical Company, Inc., New York, N. Y., a Corporation of New York. Filed June 22, 1920. Serial No. 390,884. 13 Claims. (Cl. 260-69.)

2. The method of separating hydrazo compounds from admixture with zinc oxide residues and alcohol, which comprises directly distilling off the alcohol, and extracting the hydrazo compound from the zinc residue by means of an organic solvent immiscible with water.

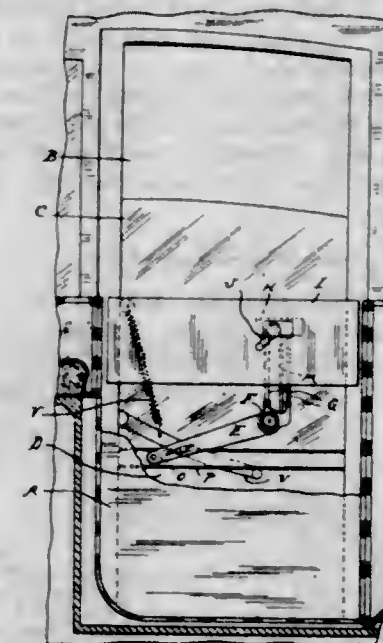
1,644,484. REDUCTION OF NITRO COMPOUNDS. RALPH A. NELSON and ANTON PRASIL, Buffalo, N. Y., assignors to National Aniline & Chemical Company, Inc., New York, N. Y., a Corporation of New York. Filed June 22, 1920. Serial No. 390,885. 19 Claims. (Cl. 260-69.)

1. The method of reducing a nitro compound, which comprises subjecting the nitro compound, in solution in an organic solvent immiscible with water, to the reducing action of zinc and caustic alkali, the amount of zinc being in excess of that required to form sodium zincate with the caustic alkali.

1,644,485. WINDOW-CONTROL MECHANISM. STANLEY W. NICHOLSON, Toledo, Ohio, assignor to The Dura Company, Toledo, Ohio, a Corporation of Delaware. Filed Apr. 12, 1926. Serial No. 101,466. 12 Claims. (Cl. 268-126.)

1. In a window control mechanism, the combination with a vertically sliding window member of a downwardly hooked weather strip skirting the lower edge of said member, a complementary stationary fence rail having an upwardly projecting edge portion for engagement by the hook of the first mentioned strip, a mechanism for actuating the window member vertically, including an element adapted to swing parallel to the path of travel

of said window member and a stationary cam-way engageable by said element in the position of the latter corresponding to the raised position of the window mem-



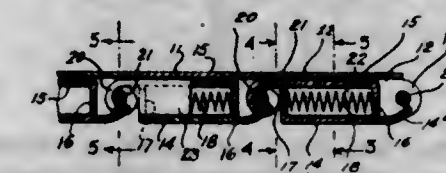
ber for shifting the window member transversely to register the hook of the first mentioned weather strip with said fence rail.

1,644,486. SPRAYING APPARATUS. FRANK C. NOEL, Roanoke, Va., assignor, by mesne assignments, to The Texas Company, Houston, Tex., a Corporation of Delaware. Filed July 3, 1926. Serial No. 120,279. 2 Claims. (Cl. 299-104.)



1. The combination with a car adapted to be propelled over a railroad track, of a horizontally disposed tubular member extending transversely across the track and having a central bore constituting an oil conduit and formed with a plurality of rows of outwardly inclined outlet ports communicating with the bore thereof, air conduits extending longitudinally through the wall of the tubular member, branch air conduits connecting each of the outlet ports with one of the air conduits, the connection between the several branch conduits and the outlet ports being at a sufficient angle to provide for the positive discharge of oil therefrom, and means for supplying oil and air to the oil and air conduits respectively.

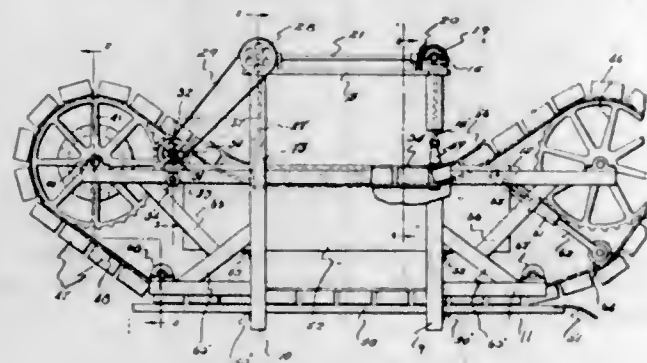
1,644,487. BRACELET CONSTRUCTION. AXEL PERSON, Attleboro, Mass., assignor to Harvey Clap Co., Attleboro, Mass., a Partnership. Filed July 11, 1925. Serial No. 42,897. 2 Claims. (Cl. 59-79.)



1. In a detachable link bracelet construction, in combination, a series of outer box links each having a top wall, a bottom wall, vertical side walls, a transverse pin extending between said side walls adjacent one end thereof and at the other end an end flange projecting upwardly from said bottom wall, an inner link within each of said box links, each of said inner links having a top wall, vertical side walls and at one end thereof an end wall

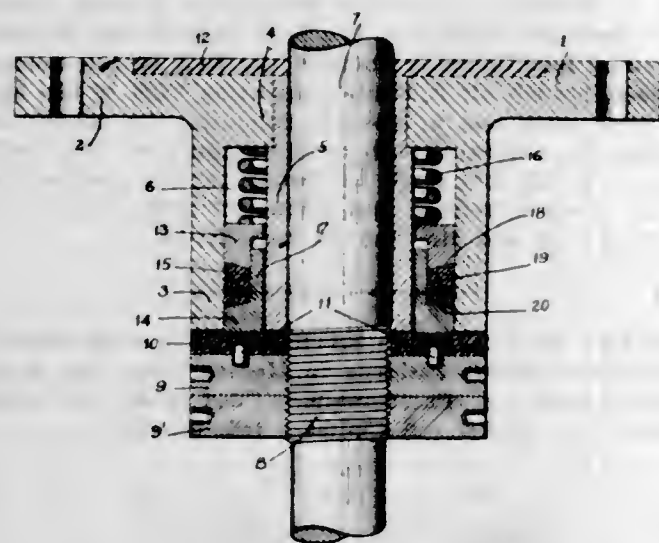
extending between said side walls, at the other end thereof said top wall being extended beyond said side walls and curved downwardly in the shape of a hook, each of said inner links being slidable longitudinally in its box link, said end flanges of said box links being spaced from the side walls thereof to permit the side walls of said inner links to slide therebetween, and a compression spring within each of said box links acting between the end flange thereof and the end wall of the inner link therein, and said hooked end of each of said inner links being removably hooked over the transverse pin of a next adjoining box link.

1,644,488. SPROUT-WASHING MACHINE. LEWIS C. PETERS, Highland Park, Mich., assignor to La Choy Food Products, Inc., a Corporation of Michigan. Filed Aug. 18, 1925. Serial No. 51,063. 7 Claims. (Cl. 146—194.)



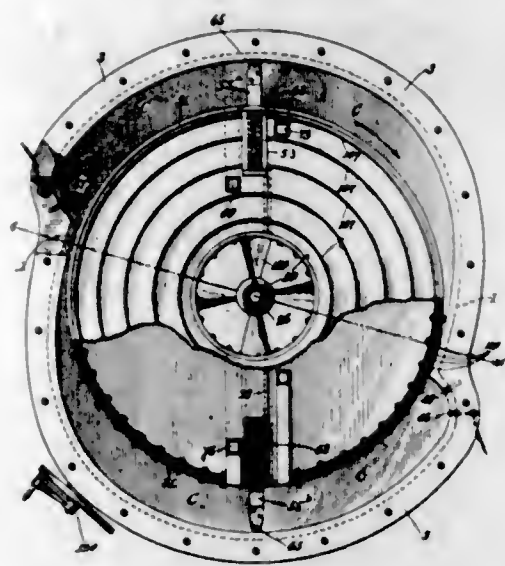
1. A sprout-washing machine of the class described, comprising an immersing tank; an immersing frame; a bucket conveyor adapted for traveling longitudinally through said frame; means for driving said conveyor; means for oscillating said immersing frame in said tank; and means for compensating for the movement of said conveyor relatively to the driving means for retaining said conveyor in operative position on said driving means at all times.

1,644,489. STUFFING BOX. ANDREW C. PITMAN, Torrington, Conn., assignor of one-fourth to William R. Bassick, Torrington, Conn. Filed Dec. 27, 1923. Serial No. 682,872. 3 Claims. (Cl. 286—7.)



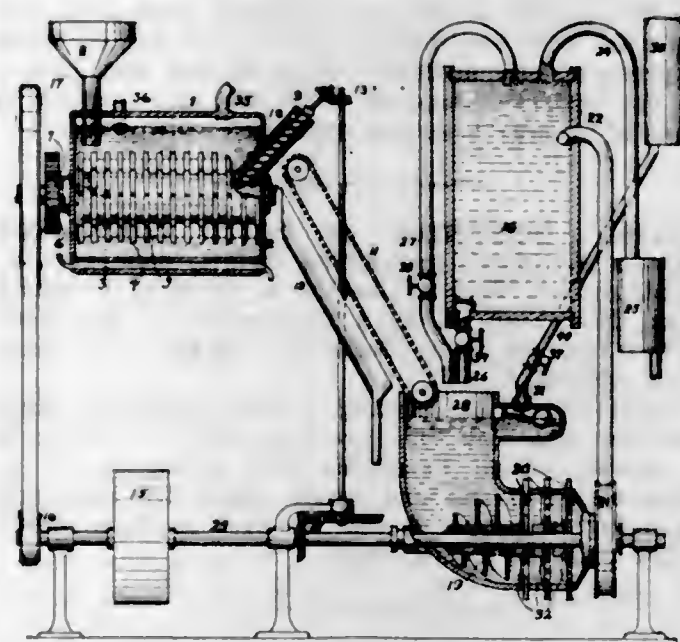
1. In a stuffing box, the combination of a stuffing box having inner and outer longitudinal walls separated by an annular chamber open at one end, the inner wall surrounding an opening through the box, a rotatable shaft extending through said opening, an annular member adjustably secured on said shaft to rotate therewith adjacent to the open end of said chamber, sealing means in said chamber, and means for resiliently pressing said sealing means and annular member together and pressing said sealing means against one of said longitudinal walls.

1,644,490. ROTARY INTERNAL-COMBUSTION ENGINE. VAN ZO POST, New York, N. Y. Filed Jan. 21, 1921. Serial No. 438,827. 14 Claims. (Cl. 123—16.)



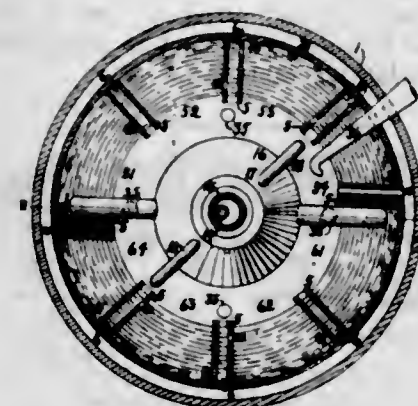
3. In a rotary internal combustion engine, a non-circular stator, a circular rotor within said stator forming two chambers between said stator and said rotor, two blades in said rotor at approximately 180° apart and contacting with the surface of said stator, and means to perform in each chamber the four functions of intake, scavenging, compressing, and explosion for every complete revolution of the blades.

1,644,491. PROCESS OF DECOLORIZING, TREATING, AND DISSOLVING SHELLAC FOR BLEACHING PURPOSES. FREDERICK C. RAWOLLE, Salem, Conn. Filed Aug. 31, 1923. Serial No. 660,433. 9 Claims. (Cl. 134—26.)



8. A step in the process of partially decolorizing, working and dissolving crude shellac consisting of subjecting lumps of plastic shellac to a dissolving action in a continuous flow of dissolving fluid, momentarily withholding said lumps from being carried along in the flow, releasing them by cutting the lumps into smaller sub-divisions, subjecting the undissolved subdivision to a violent rotative agitation, collecting any remaining undissolved particles and returning them for second subdividing and dissolving treatment.

1,644,492. CENTRIFUGAL SETTLING MACHINE. FREDERICK C. RAWOLLE, Salem, Conn. Filed Aug. 7, 1924. Serial No. 730,680. 4 Claims. (Cl. 233—14.)



1. The process of separating particles from a solution, consisting of continuously feeding a solution, into a first body of a series, separating impurities by centrifugal action, discharging from the partially purified circular level of the first body into the second body, likewise separating impurities from the second body and discharging into the third body, likewise discharging into a fourth body but adding water to this discharge issuing from the third body, separating the impurities by centrifugal action and discharging the purified liquor from the circular surface of the fourth body and collecting the purified solution.

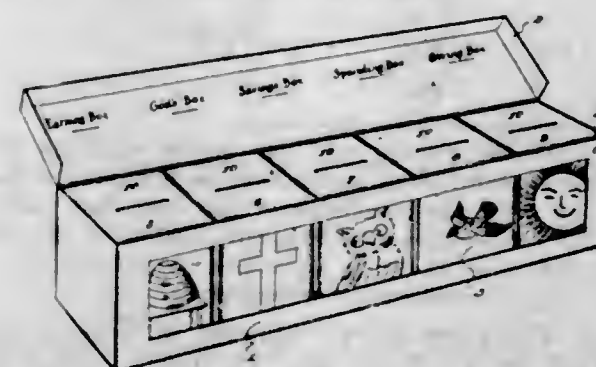
1,644,493. METHOD OF EFFECTING CAUSTIC FUSIONS. DONALD G. ROGERS, Buffalo, N. Y., assignor to National Aniline & Chemical Company, Inc., New York, N. Y., a Corporation of New York. Filed June 17, 1921. Serial No. 478,324. 6 Claims. (Cl. 260—51.)

1. The improvement in the production of indigo by the caustic fusion of indigo-yielding substances which comprises carrying out the fusion with the addition to the reaction mixture of a petroleum hydrocarbon liquid at ordinary temperatures.

1,644,494. MANUFACTURE OF 2-AMINOANTHRAQUINONE. DONALD G. ROGERS, Buffalo, N. Y., assignor to National Aniline & Chemical Company, Inc., New York, N. Y., a Corporation of New York. Filed Nov. 9, 1922. Serial No. 599,928. 7 Claims. (Cl. 260—60.)

1. The process of producing an aminoanthraquinone which comprises heating an anthraquinonesulfonic acid with aqueous ammonia in the presence of an organic nitro-compound and of an ammonium salt.

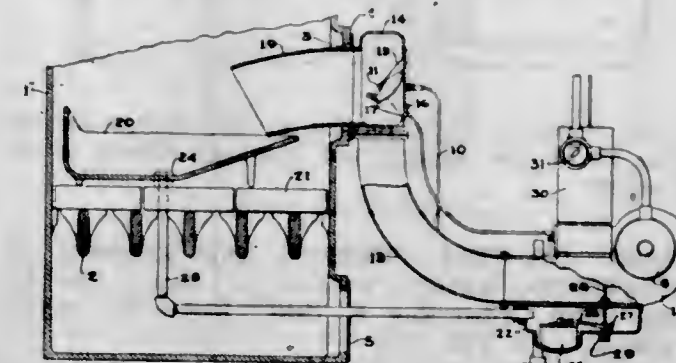
1,644,495. MONEY RECEPTACLE. INNES HOLT SHAPER, Richmond, Va. Filed July 24, 1926. Serial No. 124,624. 1 Claim. (Cl. 232—4.)



A budget box comprising a main receptacle having a lid hinged thereto, and a transparent window in one wall thereof, a plurality of smaller receptacles adapted to be inserted in said main receptacle, each of said small receptacles being provided with a slotted cover and having

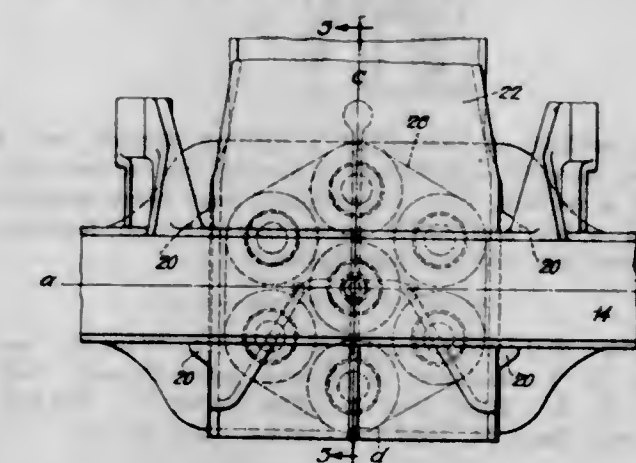
a symbolic picture on one wall thereof adapted to be viewed through said window, said main lid being provided on its inner surface with a descriptive legend adjacent each small receptacle and corresponding to the picture thereon.

1,644,496. OIL BURNER. LEWIS L. SCOTT, St. Louis, Mo., assignor to Electrol, Inc. of Missouri, St. Louis, Mo., a Corporation of Missouri. Filed Feb. 23, 1922. Serial No. 538,559. 7 Claims. (Cl. 158—28.)



1. In an oil burning system, means for spraying oil comprising a spray nozzle, means for furnishing air to the oil spray to promote combustion, means for igniting the sprayed oil, a casting for receiving the air, an outlet pipe leading from said casting in a direction at right angles to the path of the air entering said casting, and an air deflector plate located in proximity to said spray nozzle and lighting means and arranged to direct the air around the same and toward the outlet of the air receiving casting, said spray nozzle and ignition device being set into said air receiving casting in the path of the incoming air, and the former being arranged to spray fuel in the direction of the outlet of said air receiving casting.

1,644,497. RAILWAY-CAR TRUCK. WILLIAM C. SLEEMAN, Birmingham, Ala. Filed Feb. 1, 1927. Serial No. 165,122. 2 Claims. (Cl. 105—197.)

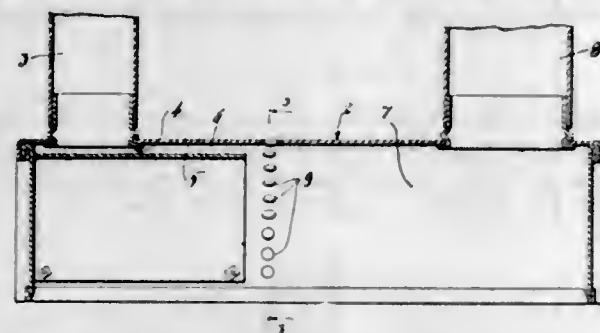


1. A railway car truck including a side frame, a truck bolster, a spring plank, a group of more than four springs symmetrically arranged about a common point with at least two of said springs in alignment with the longitudinal center line of said spring plank, said spring plank having upturned flanges and a pair of spring retaining plates of non-circular form adapted to interfit with said flanges to compel the correct alignment of said springs when assembling.

1,644,498. ORCHARD HEATER. DENIS SMITH, Ontario, Calif., assignor to Helen Allison Smith, Balboa, Calif. Filed Aug. 13, 1925. Serial No. 49,968. 2 Claims. (Cl. 158—91.)

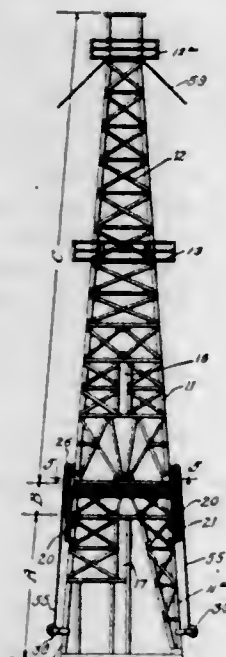
1. In an orchard heater, the combination of an oil vaporizing member, a heater, a conduit connecting the vaporizing member with the heater, a vapor circulating cylinder mounted in the said heater and open at one end,

the said conduit being so connected to the heater that the same directs the vapors conducted from the oil vaporizing member perpendicular to the outer periphery of



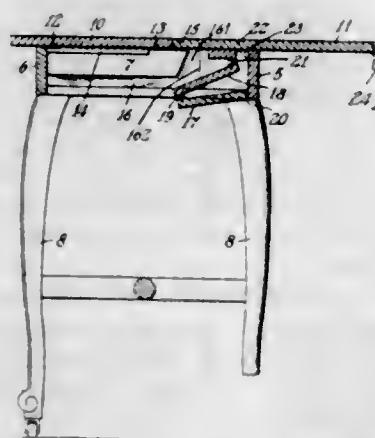
the said cylinder, ports formed in the heater for admitting air to the vapors, and a stack secured to the said heater.

1,644,499. OIL-WELL DERRICK AND METHOD OF SHORTENING SAME. WILLIAM A. TROUT, Los Angeles, Calif. Filed Nov. 5, 1925. Serial No. 67,190. 9 Claims. (Cl. 189-13.)



1. A method of converting a drilling derrick into a pumping derrick comprising: removing an intermediate part of a derrick, said intermediate part being situated between upper and lower parts thereof; and lowering said upper part into pumping position.

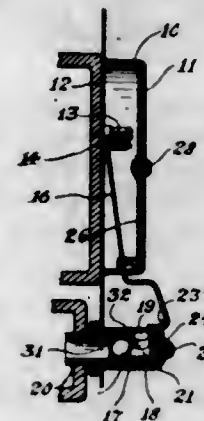
1,644,500. FOLDING TABLE. ALBION L. WARNER, New York, N. Y., assignor to Charles Lyon Russell, Rahway, N. J. Filed Dec. 5, 1924. Serial No. 754,041. Renewed June 24, 1927. 2 Claims. (Cl. 45-9.)



1. In a folding table, the combination with a frame, of a leaf adapted to be housed in the space within the frame and to be raised therefrom and rest upon the frame for

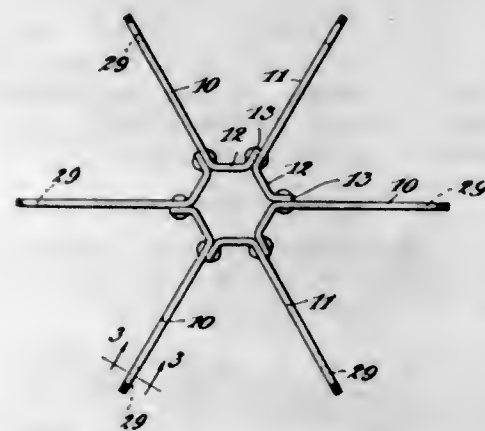
forming a part of a table top, a pair of rigid links pivoted together and to the leaf and frame for preventing skewing of the leaf, and a cover leaf shiftable across the frame and adapted when in closed position to cover the frame and the housed leaf, and when in open position to expose a portion of such space and to cooperate with the said leaf in forming a table top.

1,644,501. THERMOSTATIC VALVE. HORACE R. WHITTIER, Plymouth, Conn., assignor to The Cooper Oven Thermometer Co., Plymouth, Conn., a Corporation of Connecticut. Filed Oct. 1, 1925. Serial No. 59,801. 5 Claims. (Cl. 123-124.)



1. A thermostatically controlled valve comprising in combination, a casing open on one side, a cupped member of heat conducting material inserted therein and closing the open side of said casing, a thermostatic element within said casing and cupped member, a valve adjacent and outside of said cupped member, means connecting said valve and thermostatic element, said casing being provided with a central opening therein opposite said cupped member, and means passing through said cupped member for supporting said thermostatic element.

1,644,502. GRATE FOR OIL AND GAS STOVES. LEWIS T. WILCOX Peekskill, N. Y. Filed Jan. 22, 1927. Serial No. 162,691. 5 Claims. (Cl. 126-214.)

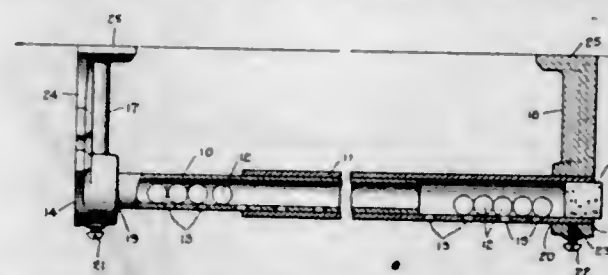


1. A grate bar for oil and gas stoves and the like, comprising a plurality of metal bars each having a bent end portion with the extremity of the bent end portion of each bar connected to an adjacent portion of the next adjacent bar.

1,644,503. CLOTHES RACK. HOWARD W. AUMACK, Jersey City, N. J. Filed Jan. 13, 1927. Serial No. 160,849. 2 Claims. (Cl. 45-13.)

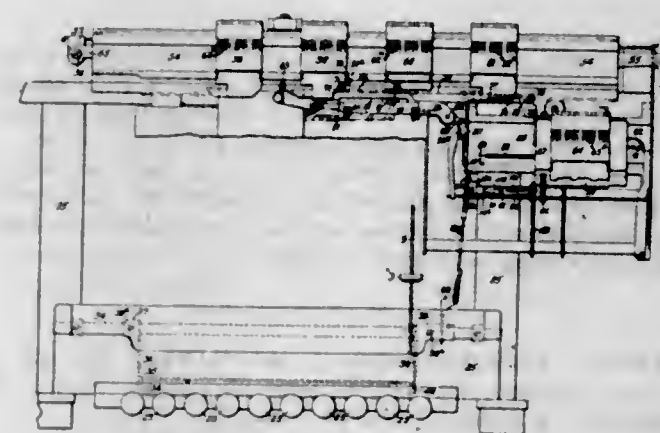
1. A clothes rack comprising telescopic tubular members of uniform diameter forming a container and suspending brackets therefor, said brackets comprising end wall flanges and side wall flanges for attachment to a shelf or side walls of a closet or the like, lugs on said brackets

for embracing and clamping said tubular members, and fastening means included by said lugs for said tubular members whereby the tubular members may be variably



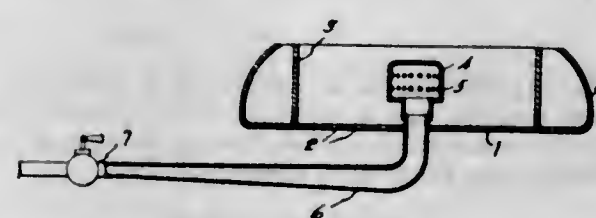
lengthened and shortened to fill the tubular members with a deodorant disinfectant or the like, without displacement of the supporting brackets.

1,644,504. CALCULATING MACHINE. JOHN H. BARR, New York, N. Y., assignor to Remington Accounting Machine Corporation, New York, N. Y., a Corporation of New York. Filed June 17, 1922. Serial No. 568,915. 5 Claims. (Cl. 235-59.)



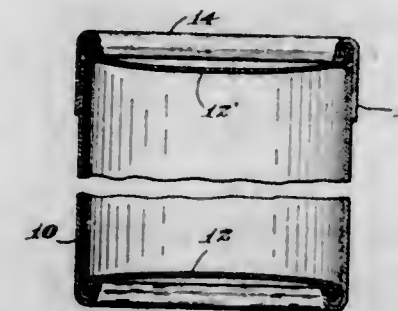
1. In a calculating machine, the combination of a main carriage, an auxiliary carriage, automatically operating means for moving the auxiliary carriage back and forth during a single travel of the main carriage in one direction, and means for holding the auxiliary carriage quiescent during the travel of the main carriage, said means comprising a rack on said auxiliary carriage, a normally disengaged detent cooperative with said rack, and means for moving said detent into engagement with said rack.

1,644,505. GAS BURNER. WILLIAM AUSTIN BECKETT, Kingsville, Ontario, Canada. Filed Oct. 14, 1926. Serial No. 141,539, and in Canada Mar. 29, 1926. 5 Claims. (Cl. 158-99.)



2. A gas burner comprising a hollow burner tip having a closed top and lateral perforations and adapted for connection with a gas supply pipe, a perforated base plate having a central opening for the passage of the gas supply pipe, and an upstanding cylindrical deflecting wall member, concentric with the burner tip and within the reach of the burner flame and having the lower edge connected with the base member and its upper free edge lying in a horizontal plane slightly above the top of the burner tip.

1,644,506. PAPER CONTAINER. RAYMOND A. BENNETT, Roxbury, and ALBION M. BOOTHBY, Watertown, Mass., assignors to Boothby Fibre Can Company, Boston, Mass., a Corporation of Massachusetts. Filed Apr. 1, 1925. Serial No. 19,882. 3 Claims. (Cl. 229-56.)



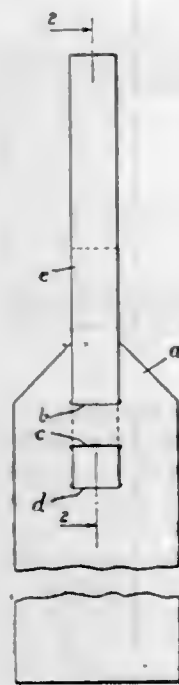
1. A paper container comprising a tube combined with a closure for its end having a disk with its main body portion within and extending across the hollow of the tube and terminating at the tube wall in a peripheral flange bent from the disk toward the tube end; said flange being folded back inward upon itself into a peripheral bead, and the tube end being turned around said bead and tucked with its end between said flange and its bead, and with the portion next to its said end flattened between said bead and the adjacent part of the disk portion.

1,644,507. WINDOW STRUCTURE. JOHN STONE BERRY, Plainfield, N. J. Filed Jan. 8, 1927. Serial No. 159,868. 6 Claims. (Cl. 20-12.)



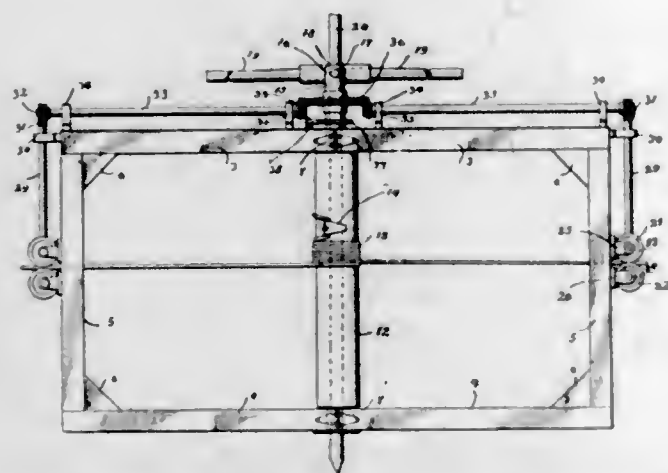
1. A window structure, comprising a casing, a sash slidably mounted in the casing, parting strips for the sash, each comprising a plurality of telescoping channel elements, members connected to the several channel elements for holding them in parallel relation, means connected to one of the members provided with a ratchet, a vertical movable block adapted to be operatively connected to the before mentioned member through its intercommunicating ratchet, said block adapted to move in the path of the sash and be moved by the sash, a stud projecting from each side of the casing in the path of the sash, means attached to the bottom of the sash and adapted to engage and securely hold the stud to form pivots about which the sash may be swung out of the plane of the casing when the elements of the parting strips are collapsed, said means provided with means for unlocking the sash and restoring the parts to normal position.

1,644,508. SURGICAL BANDAGE. ERNEST WILLIAM BLAKE, London, England. Filed June 11, 1926, Serial No. 115,184, and in Great Britain Sept. 13, 1925. 1 Claim. (Cl. 128—156.)



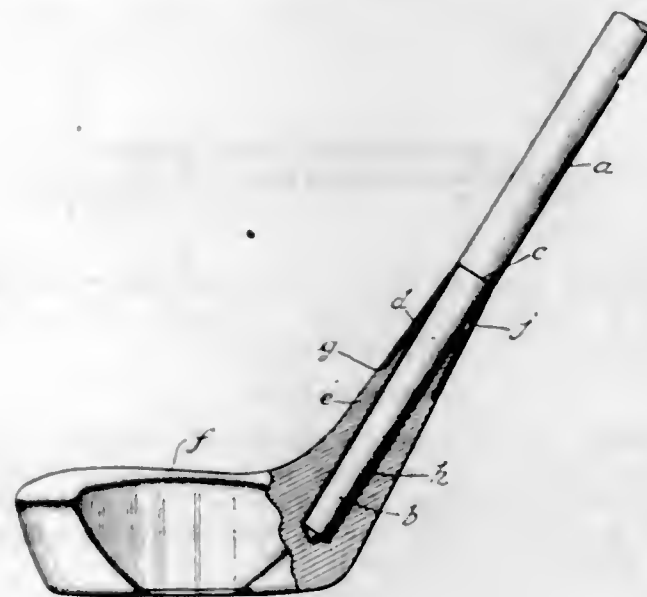
Means for fastening a surgical bandage in position, comprising in combination a bandage formed with three slits, a self adhesive tape threaded through the slits and bent back on itself so that the two portions when pressed together become mutually adherent between the outer and middle slits and beyond the end of the bandage.

1,644,509. EXTRACTOR FOR AUTOMOBILES. WILLIAM A. BRIGHTMAN, Sullivan, Ky. Filed May 6, 1926. Serial No. 107,224. 4 Claims. (Cl. 254—150.)



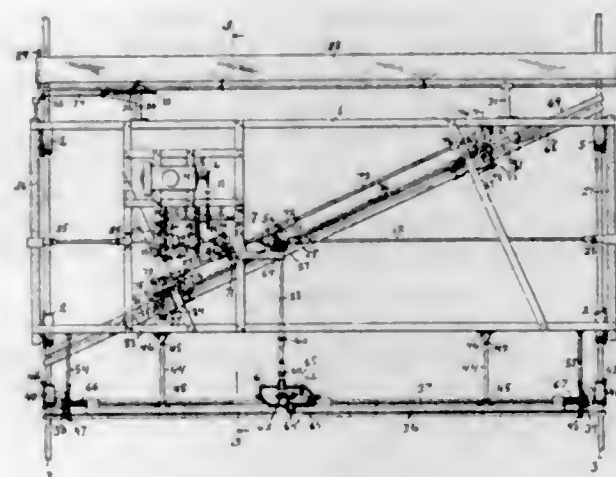
1. A device of the character described comprising a frame including companion sections having their inner ends hingedly connected, a drum rotatably mounted between the inner ends of said frame and having a portion projecting externally thereof, means carried by the projecting portion of said drum for rotating the same, guide rollers carried by the outer portions of said frame for engaging portions of the cable led into the frame and wound upon the drum, shafts rotatably carried by the outer ends of said frame sections and having gear connection with said rollers, a gear carried by the projecting portion of said drum, and rotary shafts extending longitudinally of the frame sections, the last mentioned shafts being rotated from the gear of said drum and connected with the first mentioned shafts to impart rotary movement thereto when the drum is rotated.

1,644,510. GOLF CLUB. ALFRED E. BURKE, River Forest, Ill. Filed Aug. 2, 1926. Serial No. 126,448. 1 Claim. (Cl. 273—80.)



As a new and useful article of manufacture, a golf club having in combination a shaft with a reduced end separated therefrom by an offset, a head having an aperture for said reduced end tapered above an offset in the neck thereof, and a sleeve having its ends in contact with the offsets and shaped to cooperate on its interior with the adjacent surfaces of the shaft and club head, said sleeve being cemented in place.

1,644,511. CONCRETE-ROAD MACHINE. EDWARD G. CARR, Chicago, Ill. Filed Dec. 29, 1921. Serial No. 525,572. 9 Claims. (Cl. 94—48.)

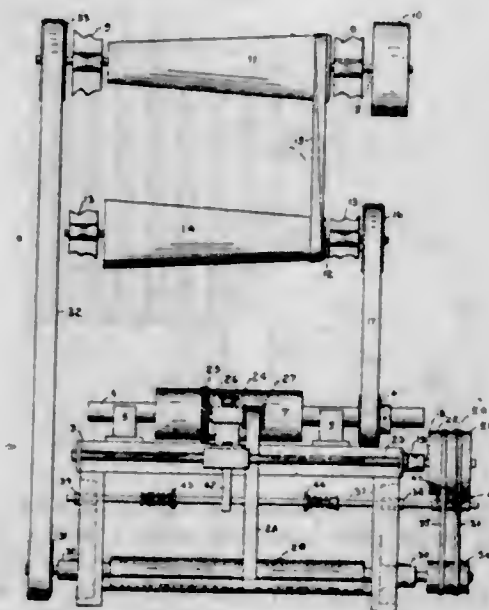


1. The combination in a concrete road machine, of a spreading templet, and a vertically reciprocable tamper arranged in nonparallel relation to each other, and means for reciprocating the tamper vertically.

1,644,512. PROCESS AND APPARATUS FOR FINISHING MILL ROLLS. JOHN W. CORNELIUS, Salina, Kans., assignor to The Shellabarger Mills & Elevator Company, Salina, Kans., a Corporation of Kansas. Filed July 19, 1924. Serial No. 727,028. 7 Claims. (Cl. 51—278.)

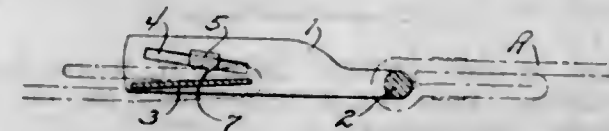
1. The process of finishing the surface of a chilled iron mill roll which consists in first grinding said roll until said roll is perfectly symmetrical and true and has a very high polish, then subjecting said roll to the action of a grinding machine having a single wheel automatically

travelling longitudinally of said roll and rotating said wheel in a direction opposite to the direction of rotation of said roll and at a speed only slightly different from



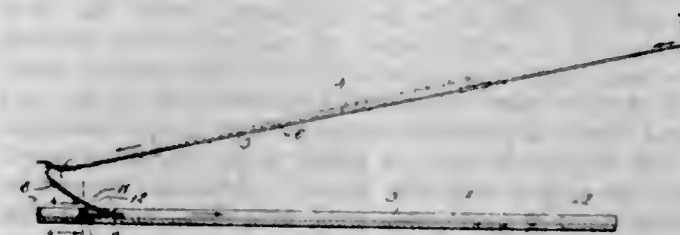
the speed of said roll until the surface of said roll is sufficiently porous and rough without varying the true-ness of said roll.

1,644,513. BUCKLE. WILLIAM LOREN DAVIS, Renton, Wash., assignor of one-half to Frank Arthur Wilson and Laura Irene Wilson, Seattle, Wash. Filed June 3, 1925. Serial No. 34,609. 1 Claim. (Cl. 24—194.)



A belt buckle of the character described comprising parallel side portions having reduced ends, a rounded end piece connecting the reduced ends and adapted to have one end of a belt secured thereto, an inclined plate disposed between the opposite ends of said side portions which are provided with inclined slots disposed above said plate, a bar having reduced end portions slidably mounted within said slots, said belt having its free end looped about said plate and said plate and slots being arranged in converging relation with respect to each other in a direction toward the rounded end piece, and penetrating points formed on the under face of said bar to grip the part of the belt looped about said plate.

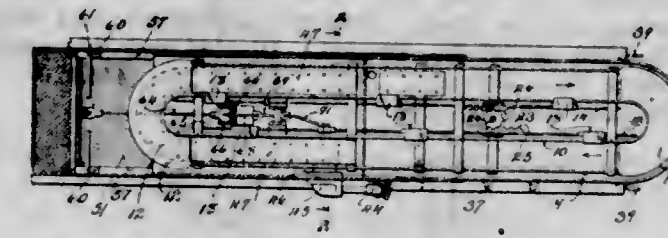
1,644,514. GAME BOARD. CHARLES DIETRICH, Little Ferry, N. J. Filed July 21, 1926. Serial No. 123,881. 5 Claims. (Cl. 273—120.)



1. In an apparatus of the class described, the combination of an objective at one end of the game board, a runway extending across the game board and attached to the end opposite the objective, said runway being constructed

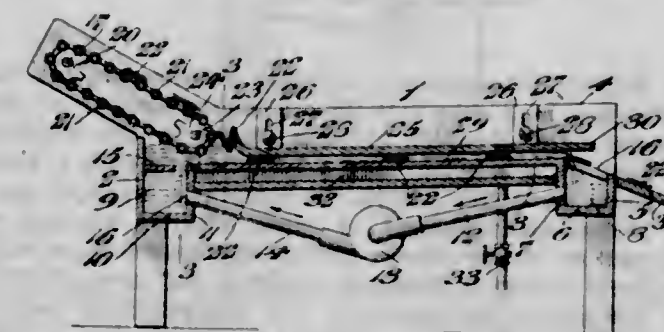
to reverse the direction of the projectile rolling down the runway, said fastening comprising a swivel joint permitting the angular adjustment of the runway in the plane of the board, substantially as described.

1,644,515. BOTTLE-WASHING MACHINE. JOHN R. DOSTAL, Milwaukee, Wis., assignor to Dostal & Lowey Hydro Company, Inc., Milwaukee, Wis., a Corporation of Wisconsin. Filed Oct. 13, 1923. Serial No. 668,352. 7 Claims. (Cl. 198—135.)



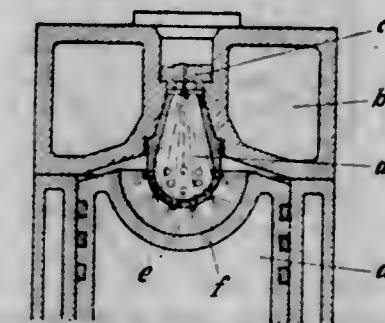
1. In a bottle washing machine, the combination of a closed track, a conveyor for holding bottles adapted to travel upon said track, a pinion having an oscillatory crank rigid therewith, a pair of racks meshing with said pinion, means for operatively intermittently connecting said racks with said conveyor, a worm driven rotary crank, and a pitman connecting said cranks.

1,644,516. PRETZEL-COOKING APPARATUS. WILLIAM EHRHART, Lancaster, Pa. Filed Nov. 24, 1925. Serial No. 71,054. 12 Claims. (Cl. 53—7.)



9. In a device of the character stated, a cooking chamber, a bottom wall therefor, a guide plate above said cooking chamber, means for adjusting said guide plate vertically with respect to said bottom wall, and means for creating a circulation between the rear and front ends of said cooking chamber.

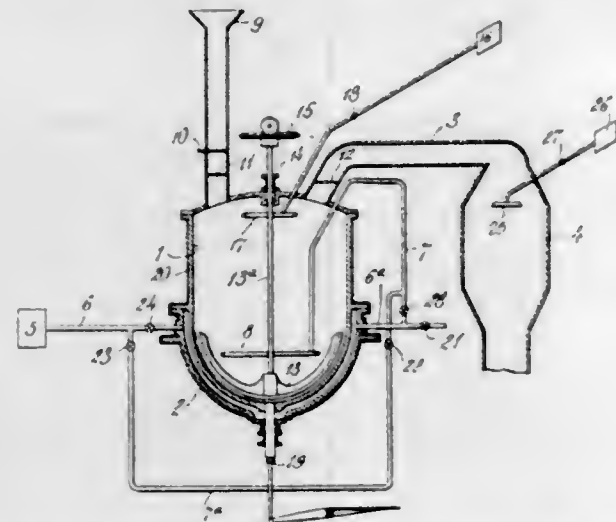
1,644,517. INTERNAL-COMBUSTION ENGINE. KARL EIERMANN, Munich, Germany, assignor to the Firm Gebr. Baumann Maschinen und Motorfabrik G. m. b. H. & Cie. Commanditgesellschaft, Munich, Germany. Filed Aug. 7, 1926, Serial No. 127,926, and in Germany Nov. 13, 1924. 5 Claims. (Cl. 123—33.)



1. In an internal combustion engine working on the injection principle, a piston adapted to reciprocate in the engine cylinder and having a semi-spherical combustion chamber formed in its head, a fuel injection valve

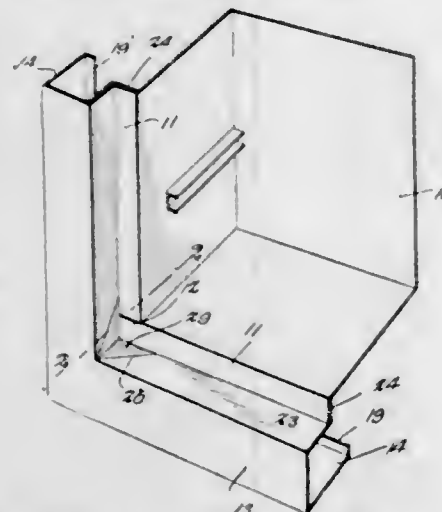
and a substantially pear-shaped perforated ignition chamber into which said valve injects fuel, the outer wall of said ignition chamber being of a shape conforming substantially to the shape of the combustion chamber in the piston head and serving to distribute the fuel or burning gases emanating from the interior thereof evenly over or within the combustion chamber.

1,644,518. SUBLIMATION APPARATUS. CROSBY FIELD, Yonkers, N. Y., assignor to National Aniline & Chemical Company, Inc., New York, N. Y., a Corporation of New York. Original application filed Mar. 22, 1920, Serial No. 367,821. Divided and this application filed Feb. 11, 1921. Serial No. 444,120. 5 Claims. (Cl. 23-264.)



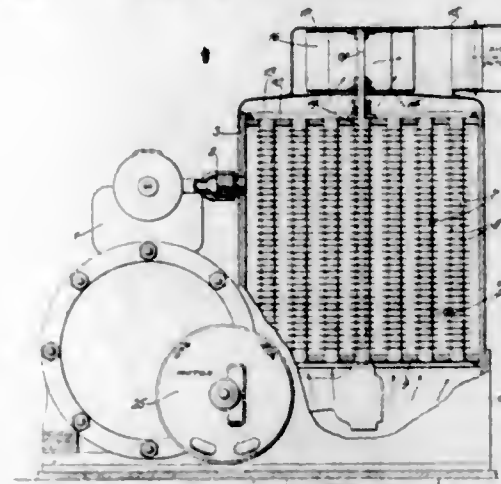
1. Sublimation apparatus adapted for carrying out the sublimation in a substantially continuous manner of pulverulent material which becomes plastic at the sublimation temperature, comprising a receptacle having a heating jacket, a stirrer within the receptacle arranged near the heated walls thereof to cause effective stirring of that portion of the charge next to the heated walls, said receptacle having a discharge opening, and means within the receptacle for spraying the non-sublimed residue with liquid, whereby the highly heated residue can be converted into a granular form to permit it to be removed from the discharge opening.

1,644,519. CORNER CONSTRUCTION FOR CABINETS. HUGO M. GURISCH, Baltimore, Md. Filed Aug. 5, 1926. Serial No. 127,297. 4 Claims. (Cl. 211-7.)



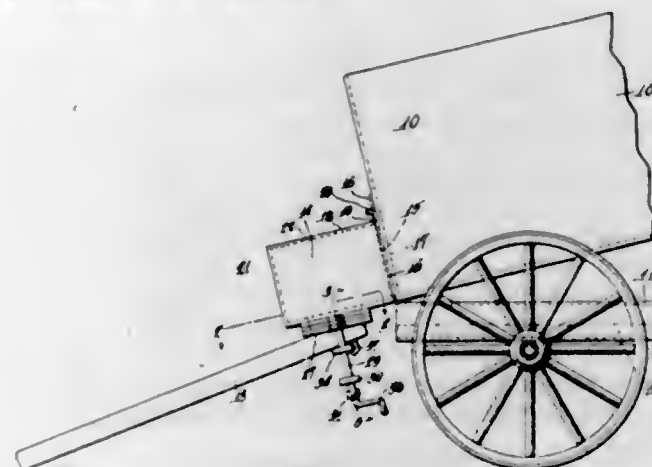
1. In a cabinet, a rim member of sheet metal having an inner wall provided with a corner gap of V-shape and having inwardly extending flanges on the inner wall, and an angled filler piece extending around the corner against the outer face of said wall and having a portion of the angle pressed inward to fill said gap.

1,644,520. CONDENSER. THOMAS P. HAGERMAN, St. Louis, Mo. Filed Sept. 14, 1925. Serial No. 58,125. 2 Claims. (Cl. 257-39.)



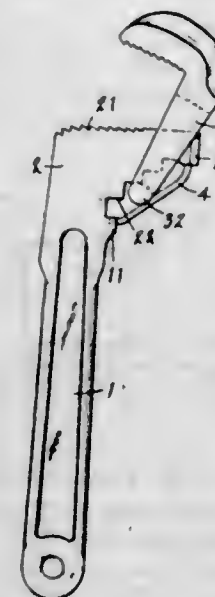
1. A condenser comprising a casing having upper and lower end walls each provided with a series of holes, a series of sinuous tubes in said casing having their respective ends opening through said holes in said upper and lower end walls, a chamber below said casing into which the lower ends of all of said tubes open, a chamber above said upper end wall into which the upper ends of all of said tubes open and provided with a central outlet opening through the center thereof, a pipe into which said outlet opening opens, a vertical tube in said casing opening through said upper and lower end walls, a shaft extending through said vertical tube and through said upper chamber into said pipe, mechanism extending into said lower chamber for rotating said shaft, and a propeller device attached to said shaft in said outlet pipe adjacent to said outlet opening from said upper chamber.

1,644,521. WAGON CHUTE. ARCHIE W. HAMM, Philadelphia, Pa. Filed Oct. 2, 1926. Serial No. 139,108. 2 Claims. (Cl. 193-4.)



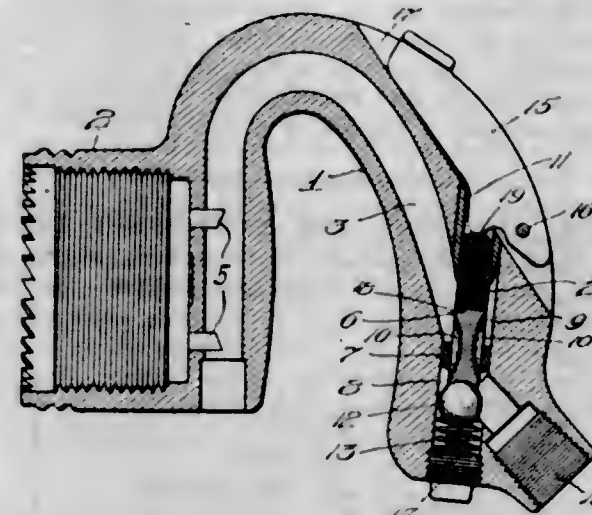
1. The combination with a vehicle body adapted to be inclined from front to rear, of a hopper rigidly secured to the rear of said body, a rectangular opening in the rear end of said body for registering with the open abutting end of said hopper, an understructure between the vehicle body and chassis therefor for normally housing a chute, a pair of attaching hooks on the closed end of said chute, a rotatable collar pivoted to the underside of said hopper, a pair of guide rods extending downwardly from said rotatable collar, a cross bar secured to the free ends of said guide rods, said cross bar provided intermediate its ends with an internally threaded boss for receiving a locking screw, a chute securing cross bar disposed on the free end of said locking screw and adapted for slidable movement on and between the said guide rods, and a removable partition vertically disposed in said hopper for releasing the contents of said vehicle body.

1,644,522. PIPE WRENCH. CHARLES J. HARRIS, Hartford, Mich., assignor of one-half to Charles M. Duncombe, Hartford, Mich. Filed May 24, 1926. Serial No. 111,294. 4 Claims. (Cl. 81-110.)



1. In a pivoted jaw wrench, the combination of a handle with a suitably laterally projecting fixed jaw head integral therewith and serrated on its outer face and having notches on its under side for adjustment and lateral lugs at its projecting extremity, a pivoted jaw slotted to pass over the said handle onto the said jaw head with a pivot at the lower end of the slot to engage the notches successively, and a spring rod pivoted in the lateral projection of said jaw head and adapted to detachably engage a suitable notch for retaining the said pivoted jaw adjustably in position, as specified.

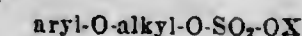
1,644,523. THROTTLE VALVE FOR PNEUMATIC TOOLS. ALBERT E. HENDRICKS, Chicago, Ill., assignor to King Pneumatic Tool Company, Chicago, Ill., a Corporation of Illinois. Filed Sept. 10, 1923. Serial No. 661,936. 3 Claims. (Cl. 121-35.)



1. A throttle valve of the class described comprising, in combination, a throttle chamber; a partitioning sleeve therein; a valve comprising a rod slidable through said sleeve and normally closing the same; said rod having ports normally located wholly at one side of said sleeve and adapted upon movement of the valve to active position to establish communication between the opposite sides of said chamber; a check valve opposing movement of said rod from normal position, said check valve adapted to be unseated by said rod; and means for operating said valve rod against the opposition of said check valve.

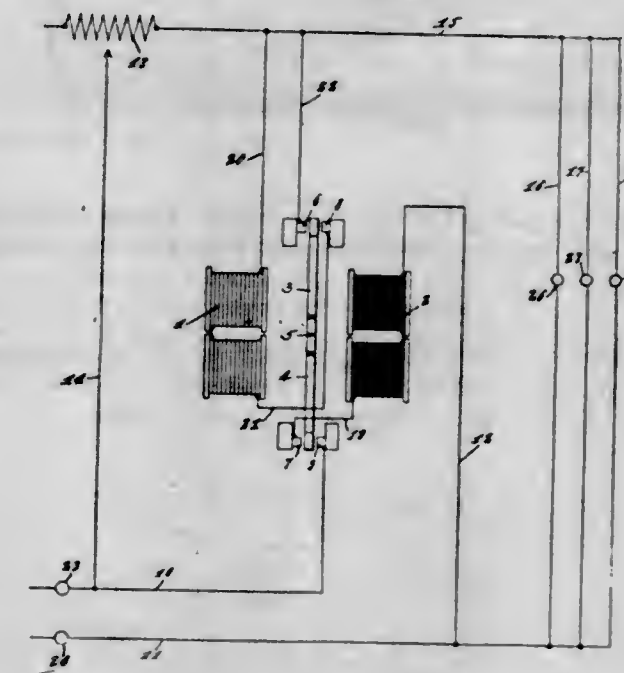
1,644,524. ACID SULPHURIC ACID ESTER COMPOUND OF AROMATIC HYDROXYALKYLETERS. WINFRIED HENTRICH and MAX HARDTMANN, Wiesdorf, near Cologne-on-the-Rhine, Germany, assignors to Grasseil Dyestuff Corporation, New York, N. Y., a Corporation of Delaware. Filed June 21, 1926. Serial No. 117,595, and in Germany June 25, 1923. 6 Claims. (Cl. 280-98.)

4. As new products acid sulphuric acid ester compounds of aromatic hydroxy-alkyl ethers of the probable general formula



in which X stands for hydrogen or a salt forming basic residue, which are water soluble substances.

1,644,525. CIRCUIT-PROTECTING SYSTEM. WILLARD E. HOYLER, Buffalo, N. Y. Filed Oct. 17, 1925. Serial No. 63,164. 6 Claims. (Cl. 175-294.)

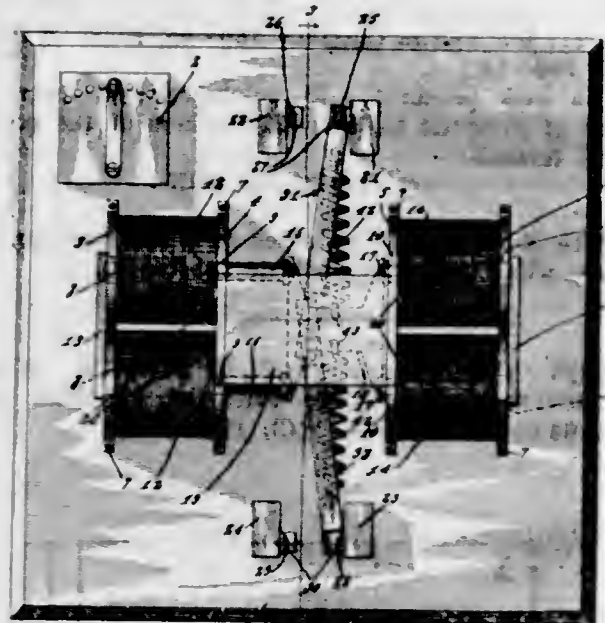


1. A protecting system for a main line circuit comprising means for automatically cutting off the heavy current from the circuit when overloaded or shorted and sending a feeble current to the overload or short until the latter is removed, and further for passing a feeble current of a value through a switch closing coil for automatically restoring the circuit to normal condition after the overload or shorting has been removed, said means including a switch having the closed and open positions thereof maintained entirely independent of the said feeble currents, and said means so arranged that no movement of said switch occurs if power is shut off during a short or overload period or when the line is normal.

1,644,526. CONTROLLING SWITCH. WILLARD E. HOYLER, Buffalo, N. Y. Filed Oct. 17, 1925. Serial No. 63,165. 10 Claims. (Cl. 200-101.)

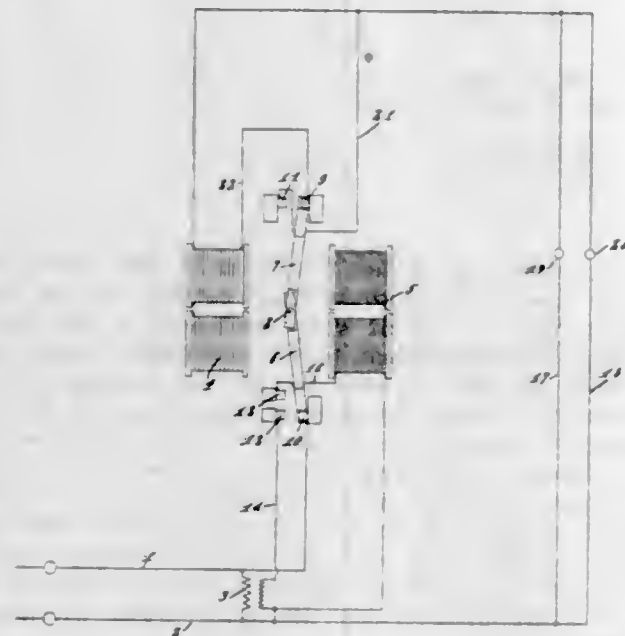
1. A controlling switch for the purpose set forth comprising two entirely separate sets of solenoid magnets, each set having a horseshoe armature and a yoke shaped core common to the coils thereof, one set wound with comparatively coarse or large wire and of comparatively low resistance and the other set wound with comparatively fine or small wire and of comparatively high resistance, a spring controlled circuit opening and closing device connected with and operated by the armature of each set and held in circuit closing position by the springs thereof until a predetermined energizing of the magnet set of low resistance and in another circuit clos-

ing position by the springs thereof until a predetermined energizing of the magnet set of high resistance, contact means associated with said device when the latter is in



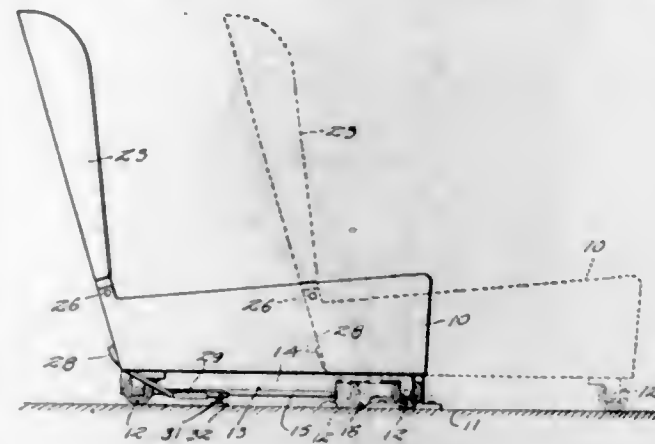
one circuit closing position, and contact means associated with said device when the latter is in the other circuit closing position.

1,644,527. CIRCUIT-PROTECTING SYSTEM. WILLARD E. HOYLE, Buffalo, N. Y. Filed Oct. 17, 1925. Serial No. 63,166. 3 Claims. (Cl. 175-294.)



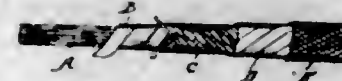
1. A protecting system for a main line circuit when shorted or overloaded comprising a transformer substantially free of affectation from the load and a magnetic switch including an opening and a closing coil, said transformer and switch providing means for interposition in the main line circuit for cutting off the heavy current in the main line circuit when overloaded or shorted and sending a feeble current to the short or overload until the latter is removed, and further for passing a feeble current of a value through said closing coil, when the overloaded short is removed, to close said switch to restore the main line circuit to normal condition, said feeble currents not acting on said switch when opened or closed during a short or overload, and said main line switch held closed during the normal period of the line without utilizing current to hold said switch in such position.

1,644,528. AUTOMOBILE SEAT. FLOYD A. HUFF, Mansfield, Ohio. Filed Feb. 20, 1926. Serial No. 89,716. 2 Claims. (Cl. 155-14.)



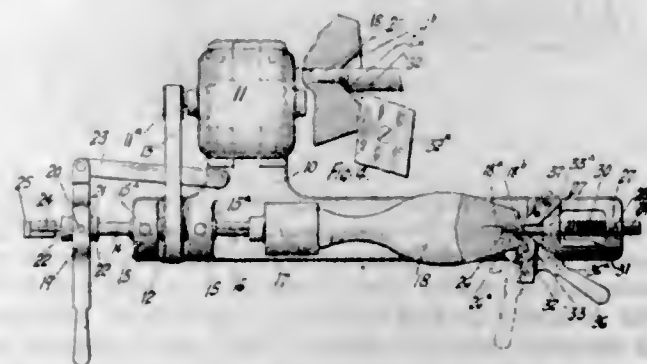
1. In combination with a vehicle having a deck, a seat mounted for reciprocation upon the deck, coaxing guiding elements carried by the seat and deck for maintaining the seat in a fixed path, means positively limiting the reciprocation of the seat, a back for said seat having depending arms pivoted intermediate their ends to the seat, a lever pivoted to the seat and having one end thereof disposed in the path of one of said arms, said lever having at its opposite end a notch and a member secured to the deck having a lug entering the notch of the lever when the seat is at one limit of its movement.

1,644,529. NONSTRETCHABLE CORD. JOSEPH H. HUNTER, Detroit, Mich., assignor to Detroit Insulated Wire Company, Detroit, Mich., a Corporation of Michigan. Filed Mar. 20, 1922. Serial No. 545,394. 3 Claims. (Cl. 96-26.)



1. A non-stretchable, flexible cord comprising a core formed of a series of fibrous strands arranged in a substantially straight line, a fabric filler around said core for building up the cross section without interfering with flexibility, and flexible wires tightly braided with an open mesh around and embedded in the surface of said filler for preventing elongation.

1,644,530. MACHINE FOR REDRESSING TEN-PINS OR THE LIKE. FRANK L. JOHNSON, Akron, Ohio. Filed Oct. 11, 1924. Serial No. 743,060. 3 Claims. (Cl. 144-2.)



1. A machine of the class described, comprising a tool, a shiftable chuck, and a shiftable center, yielding means for urging the chuck and center in one direction when the work is supported thereby so as to hold the work away from the tool, means for shifting the chuck and center to

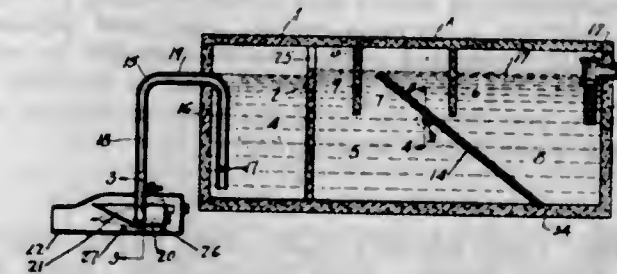
carry the work against the tool, an ejector in the chuck and means operable on the ejector, when the chuck and center are shifted so as to carry the work away from the tool, whereby the work will be ejected from the chuck.

1,644,531. HOLLOW FRAME BAR FOR DOORS, WINDOWS, AND THE LIKE. HAROLD S. KELLANDER and JOSEPH T. ISAACSON, Minneapolis, Minn. Filed Apr. 14, 1926. Serial No. 101,965. 1 Claim. (Cl. 20-11.)



A metal frame bar for windows, doors and the like, comprising a sheet metal tubular strip of approximately star shape in cross section and the arms of said star tapered outwardly, said strips adapted to be assembled in fixed parallel relation in pairs or in quadrangular arrangement, and an auxiliary sheet metal strip of L-shape in cross section, one edge of said auxiliary strip hooked to engage the outer edge of one arm of said tubular strip, the other arm of said auxiliary strip normally in spaced parallel relation to an adjacent arm of the tubular strip to retain a pane of glass therebetween and means for pressing said auxiliary arm toward the glass and comprising a number of screws passed diagonally through registering apertures provided in the auxiliary strip and the tubular strip.

1,644,532. SEPTIC TANK. HARRY A. LEDYARD and JAMES J. JELLEY, Ashland, Ohio; said Jelley assignor to said Ledyard. Filed Nov. 11, 1925. Serial No. 68,430. 2 Claims. (Cl. 210-6.)

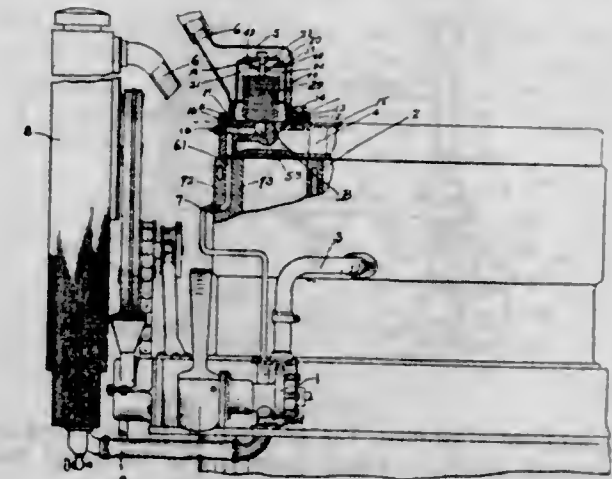


1. A septic tank wherein means are provided for the bacterial treatment of the sewage whereby the flow of the sewage is free to flow quiescent throughout the full width, brackets imbedded in the side walls of the tank, in combination with an inclined partition for directing the flow of sewage, which is supported by said brackets, a delivery chamber in said tank for the accumulation of purified water from the sewage, partitions arranged in the tank to baffle the flow of liquid to retard its natural flow and a siphon opening into such chamber which is automatically started under a predetermined head of water in such chamber and stopped from flowing at a predetermined time.

1,644,533. THERMOSTAT. EDWARD J. LEVY, Cleveland, Ohio, assignor to The Bishop & Babcock Manufacturing Company, Cleveland, Ohio, a Corporation of Ohio. Filed July 15, 1926. Serial No. 122,540. 25 Claims. (Cl. 236-34.)

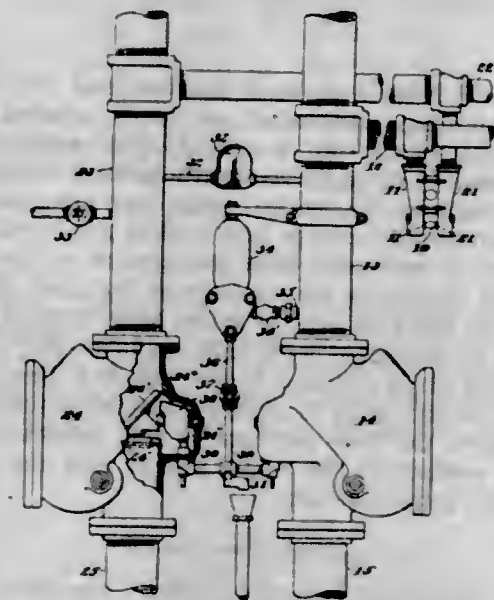
1. In a thermostatic mechanism of the class described, in combination with an internal combustion engine and a cooling system therefor, comprising a radiator, a cooling fluid containing jacket encasing the internal combustion engine cylinders and a by-pass conduit adapted to shunt fluid from the radiator, of a thermostat controlling the flow through the radiator and also the said by-pass conduit, said thermostat being immersible in fluid from the jacket

and expansive responsive to an excess of temperature from a normal temperature, a pair of valves operable thereby, one being disposed in the path of the flow to the radiator, the second disposed in the by-pass conduit, the first valve



being effective to increase the flow through the radiator and the second valve being effective to decrease the flow through the by-pass upon such increased temperature, opposite ends of the thermostat effecting the above operation of the respective valves.

1,644,534. DRY-PIPE SPRINKLER SYSTEM. ALBERT J. LOEFSINGER, Providence, R. I., assignor to General Fire Extinguisher Company, Providence, R. I., a Corporation of New York. Filed June 22, 1923. Serial No. 647,172. 15 Claims. (Cl. 160-21.)

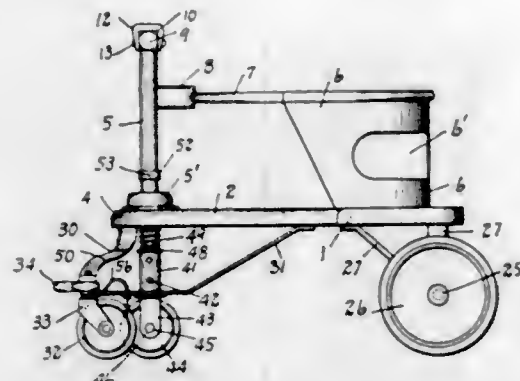


1. A fire extinguishing apparatus comprising a plurality of systems, providing for flow of different fluids which in combination made a fire extinguishing product; said systems having each a dry pipe valve and primary means for initiating the opening of that valve; combined with liaison means applied to the several dry pipe valves and causing them to coact in opening.

1,644,535. CHILD'S VEHICLE. EMIL M. MAYER, Cincinnati, Ohio. Filed Dec. 28, 1925. Serial No. 78,044. 9 Claims. (Cl. 208-165.)

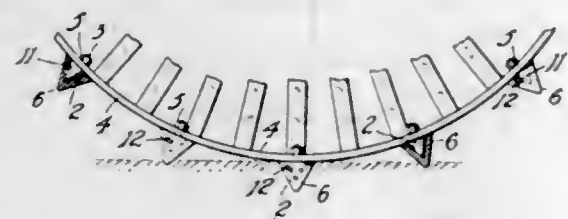
1. In a child's vehicle, a body formed with an enlarged rear seat portion and a reduced forward portion, wheeled supporting frames for said body, a seat back and side forming member secured on and extending upwardly from the seat portion of said body, and a confining member mounted on and supported solely from said seat forming member and extending forwardly from the upper forward ends thereof and thereacross above the reduced for-

ward portion of the body, the front wheels on the supporting frame being swiveled, a steering post and a swiveled steering wheel, said steering wheel mounted at the lower



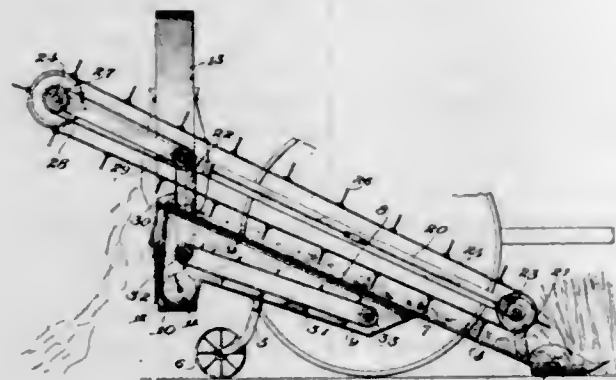
part of said steering post, the turning of the steering post and swiveled steering wheel forcing the swiveled front wheels and the vehicle to move in any direction.

1,644,536. WHEEL GRIP OF FARM TRACTORS AND OTHER AGRICULTURAL MACHINERY. GORDON ALEXANDER MCGREGOR, Stawell, Victoria, Australia. Filed Sept. 22, 1925, Serial No. 57,902, and in Australia May 20, 1925. 1 Claim. (Cl. 301-44.)



Grips for the wheels of farm tractors and other agricultural machinery, consisting of small conical grips secured to the wheel rim in spaced relationship, larger grips of prismatic shape formed with cavities corresponding to the shape of the conical grips and adapted to be fitted over and snugly engage said conical grips with their base portions in abutment with the surface of the wheel rim, channels formed in the surfaces of the small grips at right angle to the axis of said grips, holes formed in the larger grips in alignment with said channels, and tapered retaining pins fitted through said holes and channels to draw the prismatic grips in close contact with the conical grips and force the base portions of said prismatic grips against the surface of the wheel, and to lock the conical and prismatic grips together.

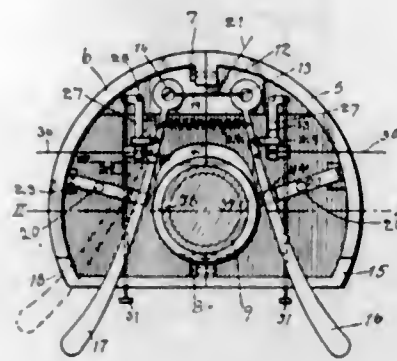
1,644,537. HARVESTING MACHINE. PRESLEY WILEY MEACHAM, Monroe, Ark. Filed July 12, 1924. Serial No. 725,716. 2 Claims. (Cl. 130-22.)



2. In combination, a pan having a discharge outlet, a screen slidably supported by the pan and forming the top thereof, a conveyor in the pan for moving material

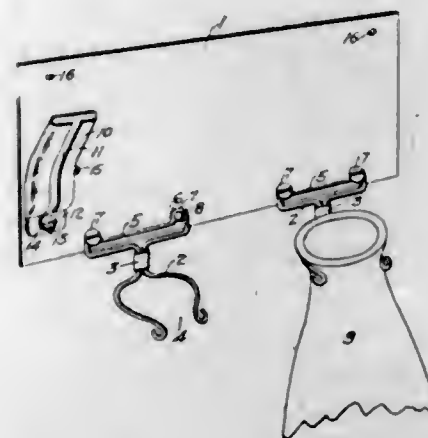
to the discharge outlet, a chute communicating with said outlet, a second conveyor in said chute having its lower end arranged at said outlet, power means arranged contiguous to said outlet, interdrive connections between the adjacent ends of said conveyors and said power means, and a reciprocatory connection between said power means and said screen.

1,644,538. SIGNAL SWITCH. ARTHUR E. MILLER, Sacramento, Calif. Filed Nov. 12, 1924. Serial No. 749,536. 1 Claim. (Cl. 200-59.)



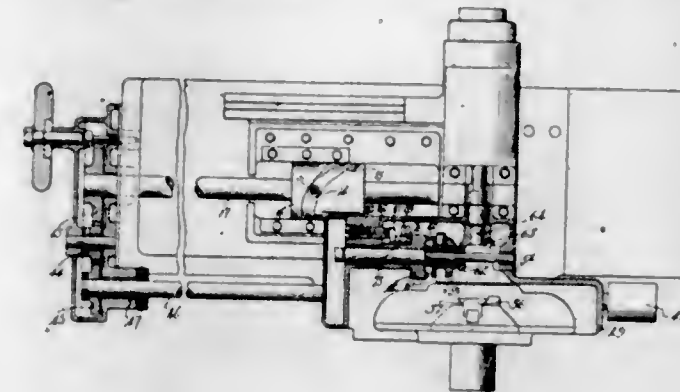
In a device of the character described, a cup adapted to be attached to the steering column of an automobile, a pair of levers pivotally mounted in said cup and extending on opposite sides of said column, and to a point beyond the outer margin of said cup, springs positioned in said cups and engaging each of said levers, said springs having an offset therein, one of said springs having an upturned end, a cam positioned on the steering column and adapted to be rotated by the steering wheel, said cam being adapted to move either of said levers independently, means carried on said cam for releasing said springs from engagement to permit said levers returning to their normal position, a movable contact positioned adjacent each of said levers and adapted to be contacted by said levers, means for moving said contact out of the path of said levers, and means for retrieving said contact and returning it to its normal position.

1,644,539. COIN RECEPTACLE. FRED MINTO, Edmonton, Alberta, Canada. Filed Oct. 24, 1925. Serial No. 64,603. 1 Claim. (Cl. 232-4.)



A coin holder comprising a sheet of suitable material bent inwardly from its outer side edges and at its bottom edges to form a receptacle having a central opening extending down the front and a lug therebelow, a pivot pin securing said lug and forming a pivot bearing for the receptacle and a plate secured to the door or frame and having a stop therefrom to limit the rotation of said receptacle.

1,644,540. INDEXING MECHANISM. ALBERT J. OTT and CONRAD L. OTT, Detroit, Mich., assignors to American Grinder Company, Detroit, Mich., a Corporation of Michigan. Filed May 18, 1925. Serial No. 31,152. 16 Claims. (Cl. 51-52.)



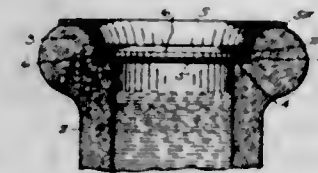
1. In a machine of the class described, a rotatable spindle, means for oscillating the same, and means for rotating said spindle oppositely to said oscillating means during a portion of the cycle to effect an indexing movement.

1,644,541. FASTENER. VAUX OWEN, Atlanta, Ga. Filed May 20, 1925. Serial No. 31,704. 2 Claims. (Cl. 129-41.)



1. A fastening device comprising, in combination, a base member adapted to be secured within a file folder or the like, a flexible cord having one end secured to the base member, a piercing member including a tapered shank provided on one end with a fine point, and a slit sleeve formed in angular relation to the shank on the opposite ends thereof, the said sleeve being adapted to firmly engage the free end of the cord.

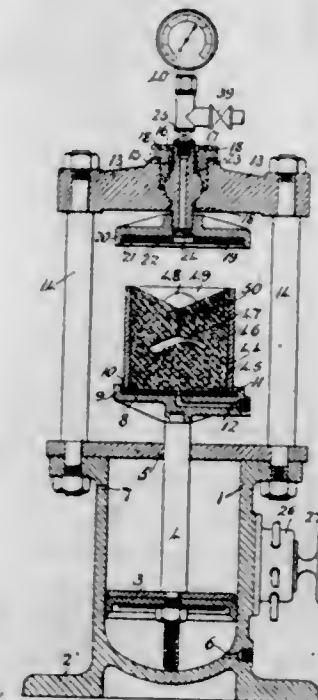
1,644,542. BOTTLE CLOSURE. JOHN A. PEASE, Syracuse, N. Y. Filed Feb. 25, 1927. Serial No. 170,889. 3 Claims. (Cl. 215-51.)



1. A bottle closure composed of a fibrous body having a depressed central portion formed for seating within the recess of the bottle mouth and having an annular apron formed to overlie the bead of the mouth, said body being folded upon itself to form a continuous annular ledge which overlies the said depressed portion in spaced relation thereto, and a ring of substantially uniform cross-section throughout disposed in the space between the depressed portion and the ledge and being held in fixed position on said depressed portion by the ledge, the marginal wall defining the depressed portion being at right angles

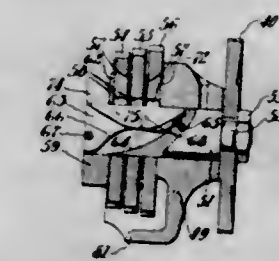
to the latter and the periphery of the ring being also at right angles to the depressed portion so as to reinforce and maintain said marginal wall of the depressed portion at right angles to the depressed portion.

1,644,543. MACHINE FOR CASTING DENTAL PARTS AND THE LIKE. ROBERT YOUNG RICHMOND, Paisley, Scotland. Filed Aug. 14, 1925, Serial No. 50,334, and in Great Britain July 9, 1927. 11 Claims. (Cl. 22-69.)



1. A casting machine comprising in combination a support, a platform movably mounted upon said support, a casting cylinder carried by said platform, fluid actuated means for moving said platform whereby said cylinder will be caused to assume a mould closing position, means for supplying a casting force into said cylinder and means whereby said fluid actuated means and casting force supply means may be jointly and independently controlled.

1,644,544. FEEDING MECHANISM FOR SEWING MACHINES. JOHN C. RINGE, Stratford, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J., a Corporation of New Jersey. Filed Feb. 25, 1925. Serial No. 11,407. 5 Claims. (Cl. 112-211.)

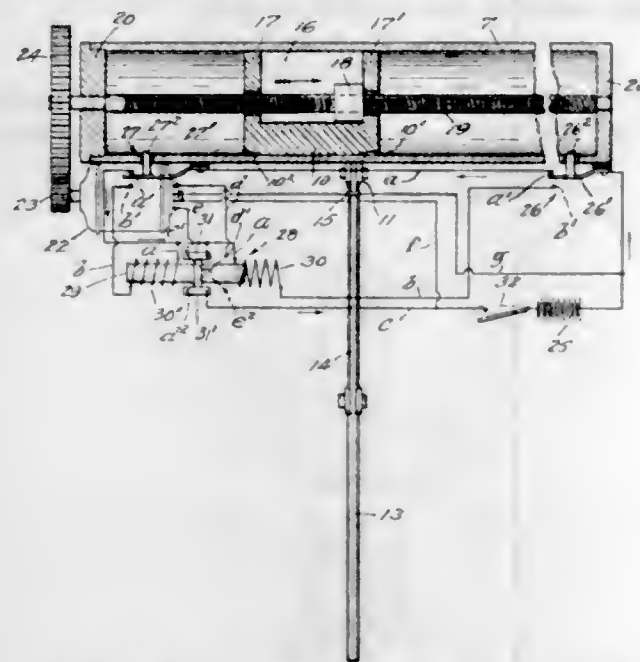


1. A feeding mechanism for sewing machines comprising a rotary actuating shaft, a feed-wheel carrying shaft, constantly intermeshing driving and driven gears upon said shafts, a detachable key for locking a selected gear to its shaft, and yielding means for maintaining said key in only one gear locking position.

1,644,545. POWER-OPERATED WINDOW-CLEANING DEVICE. HARRY C. ROBERTSON, Seattle, Wash. Filed Oct. 4, 1921. Serial No. 505,346. 3 Claims. (Cl. 172-240.)

1. Means for reciprocating a cleaner, comprising a carriage, means for supporting and guiding said carriage, a screw extending through the carriage, power driven means

for rotating said screw successively in opposite directions, and a non-rotating nut provided on said screw for operatively connecting the same to the carriage for propelling



the carriage, said nut being arranged for limited movement with said screw independently of the carriage upon each reversal of the screw movement.

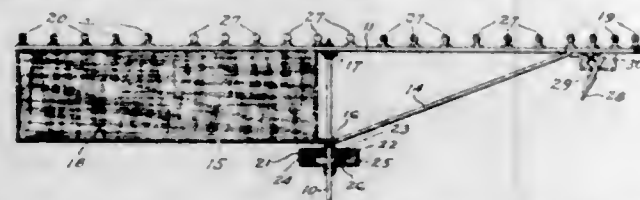
1,644,546. PROCESS FOR THE MANUFACTURE OF d. L-NEROLIDOL. LEOPOLD RUTICKA, Zurich, Switzerland, assignor to M. Naef & Co., Geneva, Switzerland, a Corporation of Switzerland. Filed Mar. 19, 1924. Serial No. 700,439, and in Switzerland Mar. 22, 1923. 2 Claims. (Cl. 260-153.)

2. The herein described product consisting of d. L-nerolidol, the same being a colourless liquid boiling at 145 degrees centigrade under 12 millimeters, having a density at 19 degrees centigrade with regard to that of water at 4 degrees centigrade: $d_{4}^{19}=0.875$, an index of refraction at 19 degrees centigrade for line

$$D: n_D^{20}=1.4801;$$

having a faint odour of flowers, and, for the purpose of identification, convertible by chromic acid into farnesal whose semi-carbazone melts at 133 degrees centigrade.

1,644,547. WIND INDICATOR FOR NIGHT AVIATION. HARRY G. SMITH, Omaha, Nebr. Filed May 24, 1924. Serial No. 715,755. 6 Claims. (Cl. 73-55.)

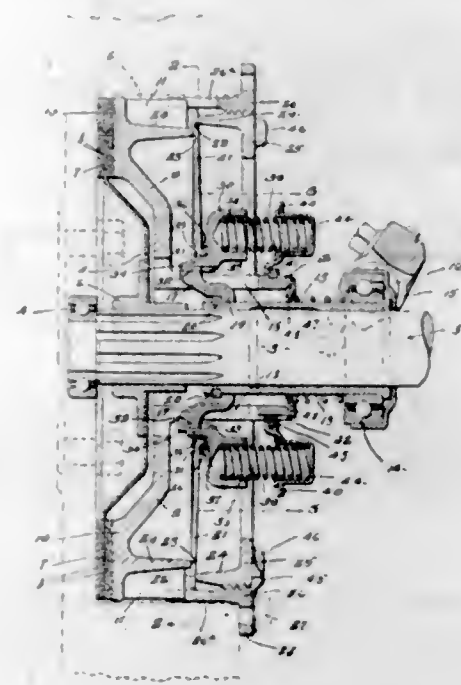


1. Means for indicating wind-velocities upon aviation landing-fields, comprising a support, two groups of lamps arranged in spaced relation upon said support, a linear series of lamps extending intermediate said spaced groups, and controlling means for said intermediate lamps adapted to light and extinguish the same successively according to increase and decrease of wind velocity.

1,644,548. CLUTCH CONSTRUCTION. CHARLES B. SPADE, Syracuse, N. Y., assignor to Brown-Lipe Gear Company, Syracuse, N. Y., a Corporation of New York. Filed Nov. 11, 1924. Serial No. 749,161. 6 Claims. (Cl. 192-68.)

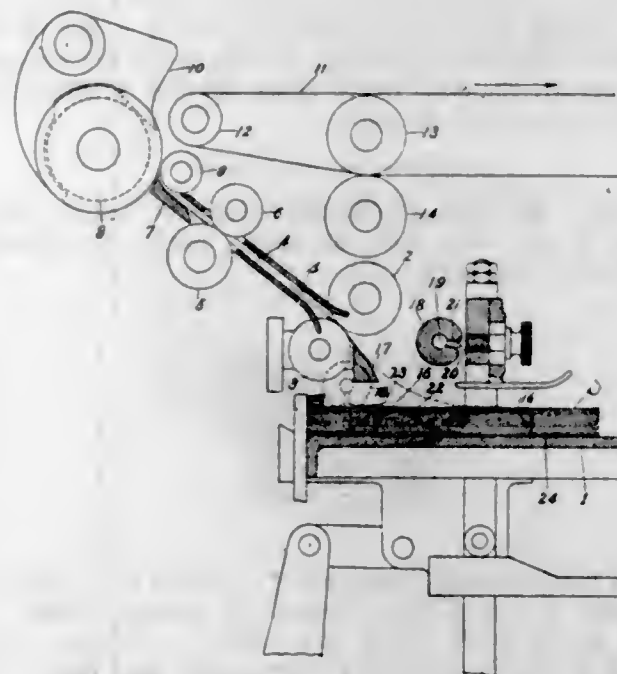
6. In a friction clutch, the combination of driving and driven elements, one of said elements comprising an axially shiftable pressure member for engaging and dis-

engaging the clutch and an axially located clutch shaft and operating means including a throw-out member movable along the shaft, the pressure member having a hub enclosing a portion of the throw-out member and the throw-out member and the hub having relative axial



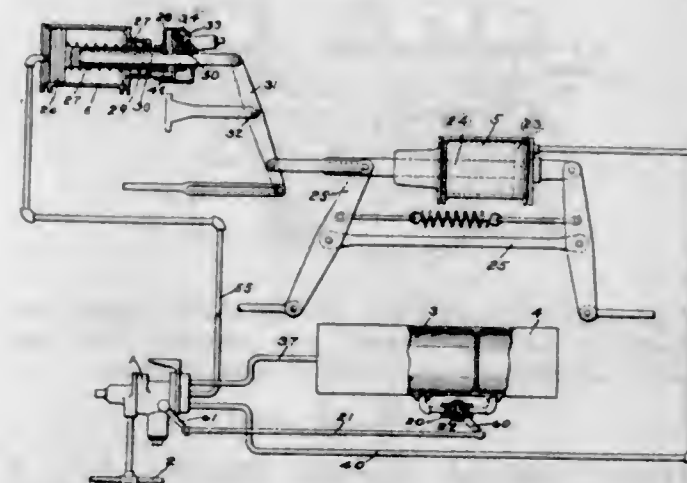
movement, a spring abutment surrounding the hub and thrusting against the throw-out member, motion transmitting levers between the abutment and the pressure member, a second abutment carried by the hub and an annular series of springs between the abutments.

1,644,549. STRUCTURE FOR FEEDING CUT-OUT SHEETS. WILLIAM H. STREEPER, Philadelphia, Pa., assignor to Stokes and Smith Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Jan. 28, 1925. Serial No. 5,197. 9 Claims. (Cl. 271-27.)



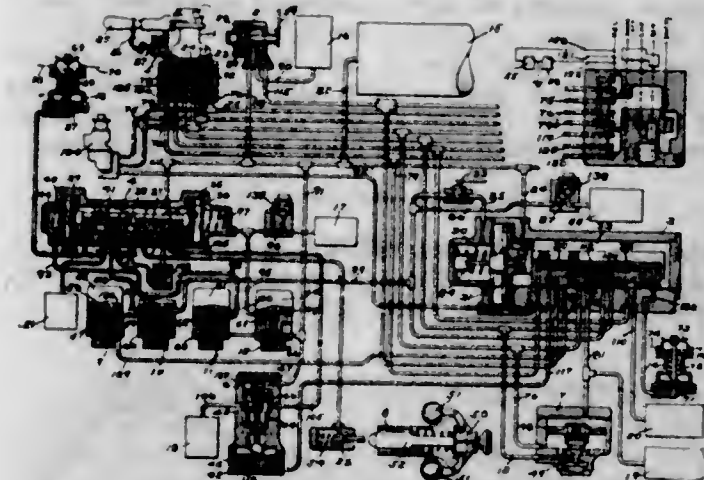
1. Sheet-feeding apparatus comprising a support for a stack of cut-out sheets, and a sheet-like guide member of flexible material extending from within the cut-out of the stack over the forward upper edge thereof and resting upon the successive top sheets of the stack.

1,644,550. LOAD-BRAKE EQUIPMENT. JEAN GUILLEMIN-TARAYRE, Villemomble, France, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a Corporation of Pennsylvania. Filed Mar. 15, 1926. Serial No. 94,661, and in France Apr. 21, 1925. 3 Claims. (Cl. 303-23.)



2. In a load brake apparatus, the combination with two brake cylinders, of a valve for controlling a communication through which fluid under pressure is supplied to one brake cylinder, means for operating said valve to close said communication upon a predetermined increase in pressure in said brake cylinder, and a valve operated upon the movement of the first valve to close said communication for opening a communication through which fluid under pressure is supplied to the other brake cylinder.

1,644,551. TRAIN-CONTROL DEVICE. THOMAS H. THOMAS, Edgewood, Pa., assignor to Westinghouse Air Brake Company, Wilmerding, Pa., a Corporation of Pennsylvania. Filed Oct. 24, 1925. Serial No. 64,576. 25 Claims. (Cl. 303-18.)

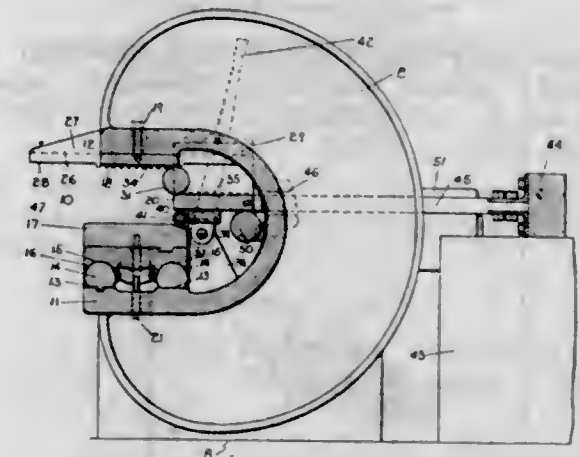


5. In a train control apparatus, the combination with a valve device operated by a variation in fluid pressure for effecting an application of the brakes of a fluid pressure controlled interlock valve device for controlling the fluid pressure on said brake application valve device, an electrically controlled valve device for varying the fluid pressure on said interlock valve device, a brake valve device having a removable handle, and a switch device operated upon removal of said handle for controlling the circuit of said electrically controlled valve device.

1,644,552. EXPANDING MILL. GEORGE J. THUST, Appleton, Wis. Filed July 16, 1925. Serial No. 44,034. 3 Claims. (Cl. 80-19.)

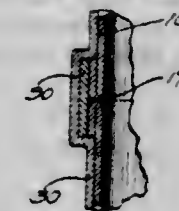
1. An expanding mill of the character described, comprising upper and lower platens, each having a flat smooth working face, the platens being spaced to receive a tube

and its mandrel between the same, means for reciprocating and guiding one of the platens in relation to the other, a crown plate above the movable platen, a roll



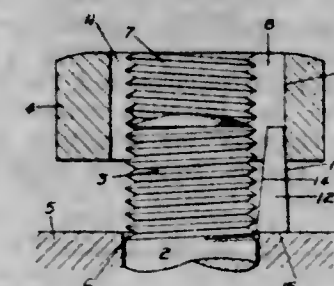
between the crown plate and movable platen, means for adjusting the stationary platen, and weighted balancing means for sustaining the movable platen and roll in place relative to each other and the crown plate.

1,644,553. FLEXIBLE CASING FOR OIL WELLS. WILLIAM A. TROUT, Los Angeles, Calif., assignor to Emsco Derrick & Equipment Company, a Corporation of California. Filed Oct. 6, 1924. Serial No. 741,878. 7 Claims. (Cl. 137-75.)



1. A stovepipe casing for wells comprising: an inner layer formed of axially aligned sheet metal sections disposed in abutting relationship and having body portions, the abutting ends of said sections each being bent back along and in close contact with said body portions to form an external annular shoulder; and an outer layer of sheet metal embracing the abutting end portions of adjacent inner sections including opposed annular locking ridges engaging said shoulders to lock said inner sections against axial separation.

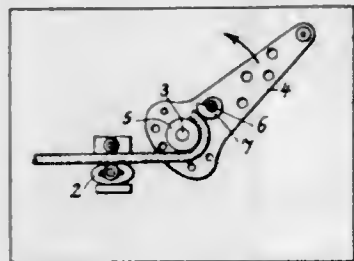
1,644,554. NUT LOCK. ELMER W. UTZLER, Corliss Station, Pa. Filed July 5, 1924. Serial No. 724,189. 3 Claims. (Cl. 151-23.)



3. The combination with a threaded bolt, of a standard nut therefor provided at one side with a longitudinal slot parallel with the center of the bolt hole, a distorting

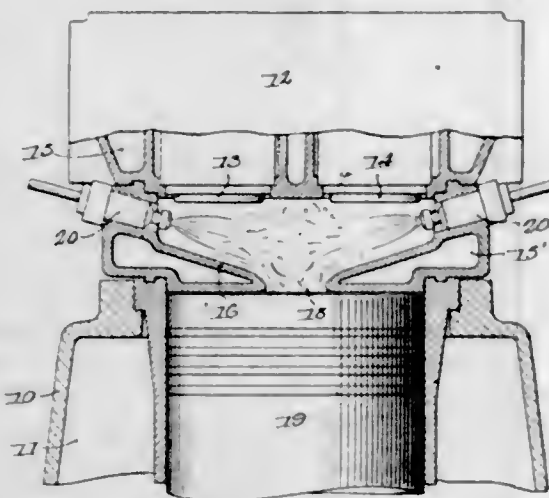
member loosely mounted in said slot and having an inner bearing end portion of greater width than the depth of the slot beyond the threads, and having an additional clearance slot for cuttings.

1,644,555. GRIPPING DEVICE FOR BENDING MACHINES. ANTON WAGENBACH, Elberfeld, Germany. Filed Dec. 7, 1925, Serial No. 73,875, and in Germany Aug. 23, 1924. 3 Claims. (Cl. 153-40.)



1. A gripping device for bending machines, comprising a swingable bending lever, a circular part provided on the swinging center of said bending lever, a bending bolt on said lever, a bending roller on said bending bolt, and a gripping part with a spiral circumference, adapted to be rotatably supported by said roller so as to press a work-piece against said circular part.

1,644,556. OIL ENGINE. OTTO A. BANNER, Milwaukee, Wis., assignor to The Falk Corporation, Milwaukee, Wis., a Corporation of Wisconsin. Filed Mar. 17, 1922. Serial No. 544,412. 5 Claims. (Cl. 123-32.)

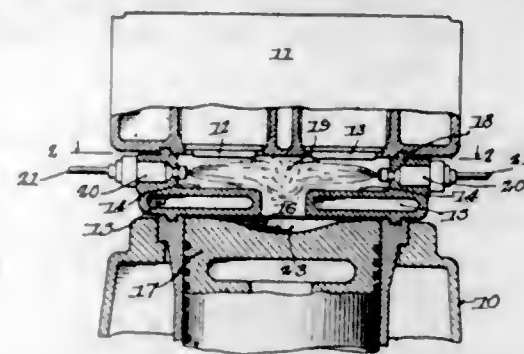


1. In an internal combustion engine the combination of a cylinder having an elongated chamber extending transversely thereof, the transverse sectional areas of said chamber being substantially rectangular and increasing in size from the ends toward the center, a passage between the center of said chamber and the working portion of said cylinder, and injection nozzles at the opposite ends of said chamber for directing opposed substantially flat fuel sprays from the ends toward the center of said chamber.

1,644,557. OIL ENGINE. OTTO A. BANNER, Milwaukee, Wis., assignor to The Falk Corporation, Milwaukee, Wis., a Corporation of Wisconsin. Filed Mar. 17, 1922. Serial No. 544,413. 6 Claims. (Cl. 123-32.)

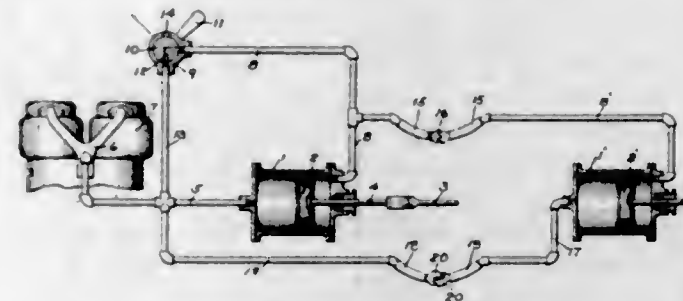
1. In an internal combustion engine the combination of a cylinder, injection nozzles at opposite sides thereof

for producing substantially flat impacting fuel sprays transversely thereof, a chamber enclosing said sprays



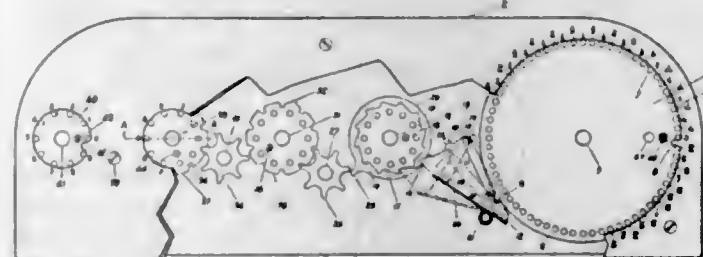
and substantially conforming to the shape thereof, and a restricted passage between said chamber and said cylinder intermediate the ends of said chamber.

1,644,558. VEHICLE VACUUM BRAKE. JOHN R. BARTHOLOMEW, Montclair, N. J., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a Corporation of Pennsylvania. Filed Feb. 8, 1926. Serial No. 86,703. 4 Claims. (Cl. 303-31.)



1. The combination with a brake cylinder containing a brake cylinder piston, of piping connected to the brake cylinder chambers at opposite sides of said piston, means for maintaining a vacuum through said piping at opposite sides of said piston, and means associated with said piping and operated upon separation of the piping for holding the vacuum at one side and admitting air from the atmosphere to the other side of said piston.

1,644,559. ADDING MACHINE. HARRY DONALD BETZ, Kansas City, Mo. Filed July 13, 1923. Serial No. 651,311. 2 Claims. (Cl. 235-134.)



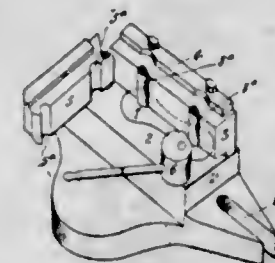
1. In a hand operated adding machine comprising a case and a train of blank accumulator disks in the case, means for actuating the train in response to rotative movements of the computing disk, said means comprising a lever, a latch dog pivoted on one end of the lever for engagement with the teeth of the second disk in the train, but not normally contacting therewith, a tooth on the computing disk for imparting movement to the lever, means for urging the latch into functional position when the tooth of the computing disk forces the lever in one direction, and means for moving the latch out of functional position when the lever moves in an opposite direction.

1,644,560. APPARATUS FOR REMOVING PILES. EDWARD BIGNELL, Lincoln, Nebr. Filed May 25, 1925. Serial No. 32,541. 6 Claims. (Cl. 61-80.)



1. An apparatus for raising sunken piles, comprising a jetting device consisting of a header, depending pipes carried by the header, upwardly directed jetting nozzles and downwardly directed jetting nozzles on the pipes, and elevator dogs carried by the lower ends of the pipes.

1,644,561. APPARATUS FOR MANUFACTURING ROLLER AND SEMI-ROLLER CHAINS. MATTHEW BLOOMER, East Brisbane, Queensland, Australia. Filed Sept. 23, 1925, Serial No. 58,181, and in Australia Sept. 26, 1924. 1 Claim. (Cl. 59-5.)

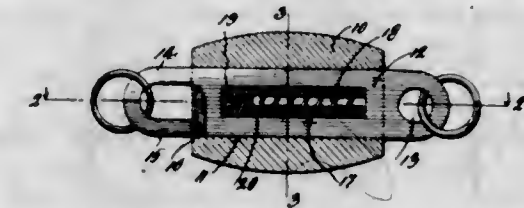


Apparatus for manufacturing roller and semi-roller chains including a base plate, a bed integral therewith, a side member integral with the upper surface of the bed and recessed adjacent the bed to accommodate portions of the link, a jig movably mounted on the upper surface of the bed for coacting with the stationary side member and also recessed adjacent the base to accommodate the remaining portion of the link engaged with the side member, the side member and jig being also provided with means for receiving and clamping the pins of the link when the jig is moved towards the side member, plates for clamping other links secured to the upper surface of the side member and jig one of said plates being recessed, and a rotatably mounted locking lever for association with the jig, substantially as and for the purposes set forth.

1,644,562. SAFETY CLASP. RAY J. BROWNING, Buffalo, N. Y. Filed Oct. 12, 1926. Serial No. 141,201. 3 Claims. (Cl. 24-239.)

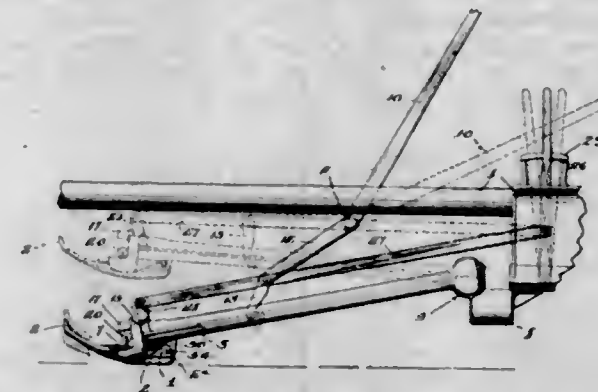
1. A safety clasp including a hollow body, a plunger slidably mounted within said body and provided with a

hook at one end thereof, spring means within said sleeve acting to normally urge the plunger in a direction whereby to move the hook into locking position, an abutment



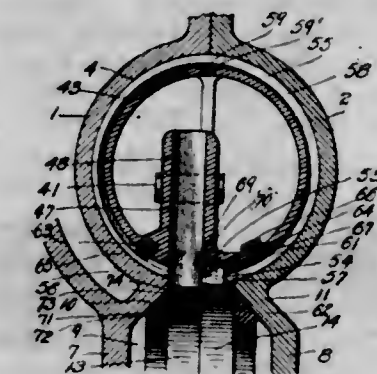
stem carried by said plunger and a stop within the body engageable by the stem for limiting the outward movement of the plunger.

1,644,563. MOWING MACHINE. CHARLES S. BROWN, Syracuse, N. Y. Filed Feb. 13, 1924. Serial No. 692,595. 8 Claims. (Cl. 56-303.)



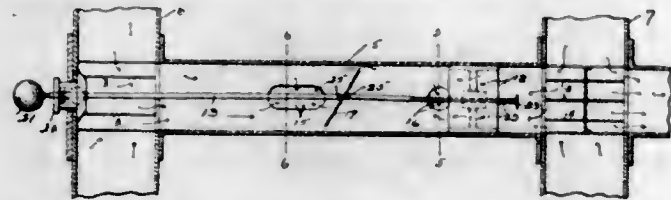
1. In a mowing machine, a mower bar, a reciprocating knife, a carrier for the bar, a pivot connecting the carrier and the inner end of the bar, the pivot extending lengthwise of the bar whereby the bar is tiltable relatively to the carrier, means for reciprocating the knife comprising a shaft journaled in the carrier radial with the axial line of the pivot, a crank on the shaft, a pitman connecting the crank and the knife and connected to the knife by a ball and socket joint and means for tilting the mower bar.

1,644,564. SEALING MEANS FOR ROTARY ENGINES. FRANK A. BULLINGTON, Kansas City, Mo., assignor to Bullington Motors, Kansas City, Mo., a Common Law Trust consisting of Solomon Stoddard, Ernest E. Howard, and Frank A. Bullington. Filed June 2, 1923. Serial No. 643,097. 8 Claims. (Cl. 74-109.)



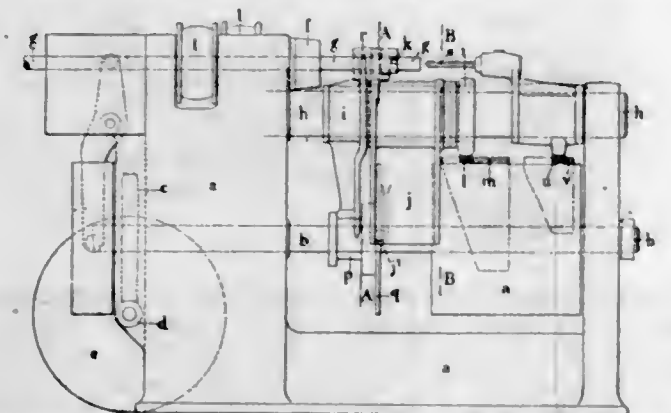
1. A piston ring for rotary engines comprising, in combination with an annular cylinder, a piston in the cylinder and a rotor having an extension carrying the piston, a sealing ring carried by the piston and having spaced ends located at opposite sides of the rotor extension, the portion of the ring at one side of the piston being of greater mass than at the opposite side whereby centrifugal force generated during operation of the engine effects movement of the ring in a direction to effect contact of the end of the ring at the side of lesser weight with the extension.

1,644,565. CENTRIPETAL COMPRESSOR. PAUL L. CROWB, Baltimore, Md. Filed July 25, 1925. Serial No. 46,120. 2 Claims. (Cl. 103-95.)



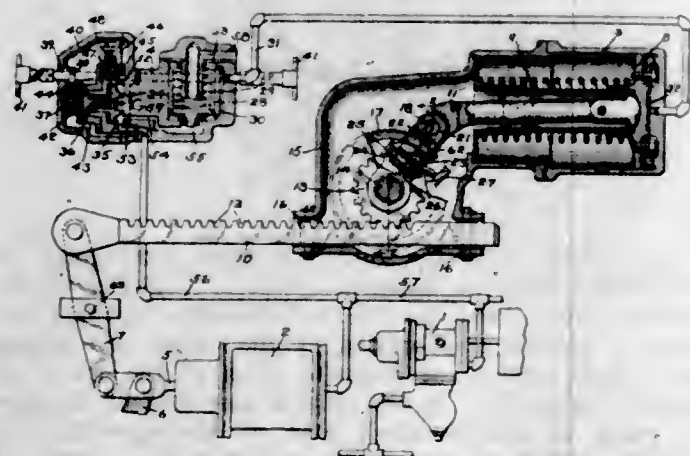
1. A centripetal compressor comprising a hollow shaft, rotors mounted on said shaft, air collectors carried by said rotors, air compressors formed in said rotors, means for controlling the discharge of air delivered from said rotors into said shaft, and said means carried by one of said rotors and located in said shaft.

1,644,566. TURRET LATHE. GEORGES EMILE CUTTAT, Paris, France, assignor to The Société Anonyme des Anciens Etablissements Cuttat & Cie., Paris, France. Filed Feb. 27, 1923, Serial No. 621,608, and in France Apr. 7, 1922. 4 Claims. (Cl. 29-56.)



1. In lathe structure, a support, a guide, a tool carrier movable about said guide, a plurality of sets of tools mounted on said carrier and arranged equidistant from said guide whereby to produce identical cuts in separate pieces of work during movement of the carrier about said axis, a shaft arranged parallel to said guide, said tool carrier including an arm, a roller on said arm, a cam on said shaft engaged by the arm of the carrier for moving the latter about said axis to effect similar adjustment of the several sets of tools, said tool carrier being movable in the direction of said guide and means adjusting said carrier in the direction of guide.

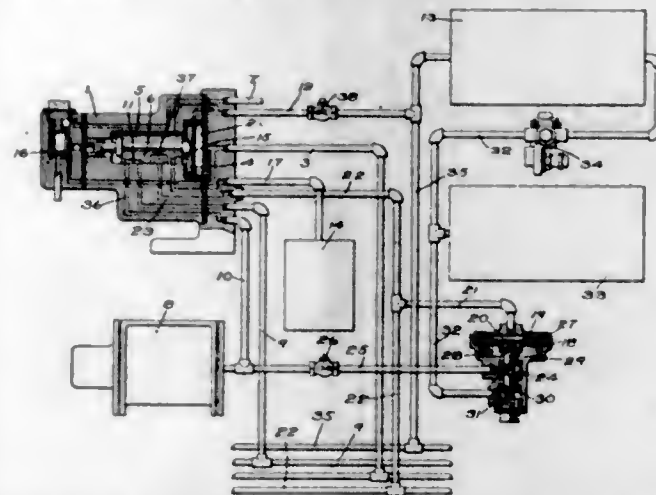
1,644,567. LOAD-BRAKE DEVICE. CLYDE C. FARMER, Pittsburgh, and THOMAS H. THOMAS, Edgewood, Pa., assignors to The Westinghouse Air Brake Company, Wilmerding, Pa., a Corporation of Pennsylvania. Filed Jan. 2, 1926. Serial No. 78,766. 6 Claims. (Cl. 303-23.)



4. In a load brake apparatus, the combination, with a load brake cylinder, a piston therein, and a piston rod operable by said piston, of a toothed bar for transmitting

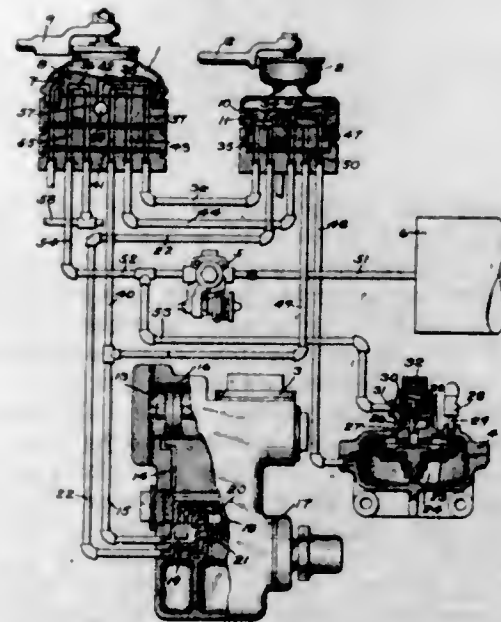
power to operate the brakes, a gear meshing with the teeth of said bar, a member rotatable with said gear, a pawl operated by said piston rod for rotating said member, and means for releasing said pawl from operative engagement with said member upon movement of said piston to release position.

1,644,568. FLUID-PRESSURE BRAKE. JOSEPH M. DAPRON, St. Louis, Mo., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a Corporation of Pennsylvania. Filed Nov. 2, 1926. Serial No. 145,778. 3 Claims. (Cl. 303-57.)



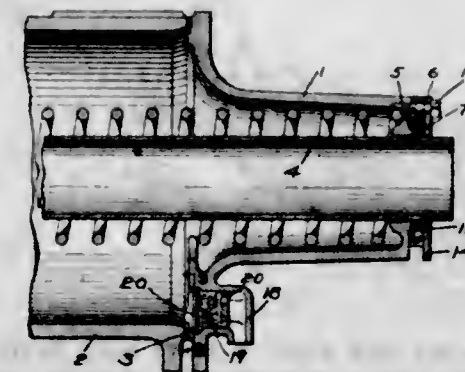
2. In a fluid pressure brake, the combination with a brake cylinder, of two reservoirs normally charged with fluid at different pressures, the reservoir charged with fluid at the lower pressure being the normal source of fluid under pressure for the brake system, a relay valve device for controlling communication from the reservoir charged with fluid at the higher pressure to the brake cylinder, and an emergency valve device operated in effecting an emergency application of the brakes for operating said relay valve device.

1,644,569. FLUID-PRESSURE BRAKE. CLYDE C. FARMER, Pittsburgh, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a Corporation of Pennsylvania. Filed Nov. 20, 1926. Serial No. 149,671. 8 Claims. (Cl. 303-40.)



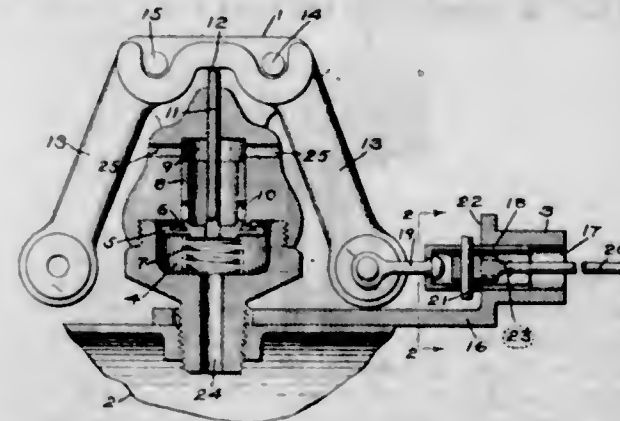
5. In a fluid pressure brake, the combination with a locomotive brake equipment including a distributing valve device having an application cylinder, an automatic brake valve device, and an independent brake valve device, of means operated by fluid under pressure from said application cylinder as supplied only when both brake valve devices are in running position, for warning the engineer.

1,644,570. BRAKE-CYLINDER DEVICE. CLYDE C. FARMER, Pittsburgh, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a Corporation of Pennsylvania. Filed Dec. 21, 1926. Serial No. 156,137. 10 Claims. (Cl. 303-88.)



9. The combination with a non-pressure head of a brake cylinder and a piston rod extending through an opening in said head, of a plurality of superimposed rings mounted on said rod and engaging the end portion of said head, means for yieldingly pressing said rings transversely against said rod, and means for yieldingly pressing said rings in lateral engagement.

1,644,571. RELEASE-VALVE DEVICE. CLYDE C. FARMER, Pittsburgh, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a Corporation of Pennsylvania. Filed Dec. 21, 1926. Serial No. 156,138. 8 Claims. (Cl. 303-80.)



3. In a fluid pressure release valve device, the combination with a valve member having a port, of an operating member operatively connected to said valve member, a stop for limiting the movement of said operating member, said stop being rendered ineffective upon a predetermined movement of said operating member.

1,644,572. METHOD OF UNDERPINNING. JAMES VINCENT FERRY, Atlantic City, and ANTHONY PAUL MILLER, Pleasantville, N. J., assignors to James Ferry Co., Atlantic City, N. J., a Corporation of New Jersey. Filed Aug. 6, 1926. Serial No. 127,664. 4 Claims. (Cl. 61-51.)



1. A method of underpinning buildings which includes the steps of placing a series of concrete pilings beneath the footing of the building to be underpinned, transform-

ing the weight of the building to the pilings, casting concrete blocks to the upper ends of the pilings and to each other to produce a beam-like series of interlocked concrete blocks, then excavating under the blocks and casting a subadjacent series of blocks to the pilings.

1,644,573. DOUP HEDDLE. RICHARD H. FISH, Fall River, Mass. Filed May 22, 1925. Serial No. 32,167. 1 Claim. (Cl. 139-52.)



In a device as set forth, the combination with a standard heddle provided with a pair of adjacent loops substantially intermediate the ends of the pedal, of a doup formed of wire and consisting of opposed parts passing through said loops, certain corresponding ends of the opposed parts of the doup having loops, and a slotted drop capable of vertical movement provided with an eye at one end and a slot adjoining and opening into the eye, whereby the loops of the opposed parts of the doup may engage with the eye of the drop through the medium of the slot which adjoins said eye.

1,644,574. CLEANING DEVICE FOR TOBACCO PIPES AND OTHER ARTICLES. CLAUDE HAMILTON FITZ GERALD and GEORGE HARCOULT HUTCHINS, Kenton, England. Filed Sept. 8, 1925, Serial No. 54,974, and in Great Britain Aug. 22, 1925. 7 Claims. (Cl. 131-13.)

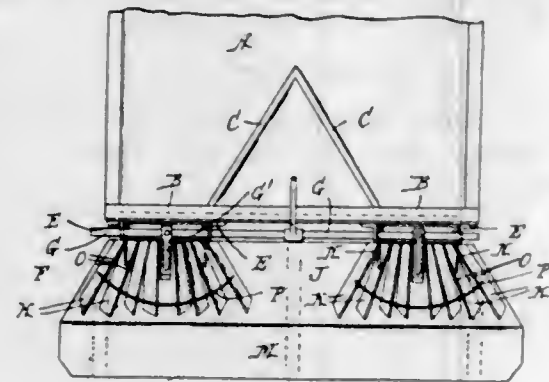


1. A pipe cleaner having in combination, movable members together with means for effecting a relative movement of said members longitudinally for the application of cleaning material thereto and another relative movement for gripping the applied material.

1,644,575. MEANS FOR USE IN SPREADING DISCRETE ROAD-FORMING MATERIALS. MAURICE EDWARD WILLIAM FITZ GERALD and FREDERICK FOSTER MAYNARD, Eltham, New Zealand. Filed June 1, 1923, Serial No. 642,857, and in New Zealand Nov. 20, 1922. 1 Claim. (Cl. 275-14.)

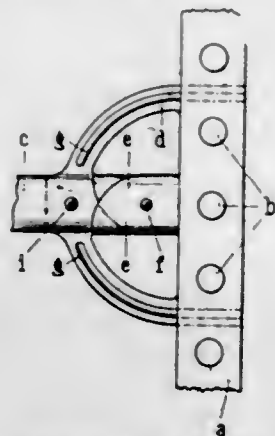
A vehicle body of the class described having a discharge opening and a spreader arranged below said opening, said spreader comprising a series of downwardly and rearwardly extending and downwardly diverging

plates having upstanding flanges forming channels between said plates and also having bars extending outwardly at an angle to the plates and forming a trans-



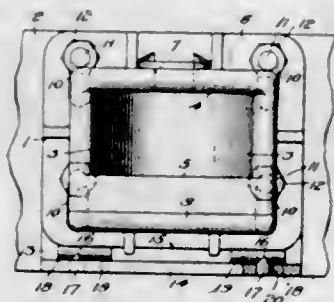
versely arranged grid, a frame on the front side of said plates and a spreader below and extending downwardly and rearwardly from the frame.

1,644,576. TOOL-HANDLE-FASTENING DEVICE. RAIMUND GABRIEL, Neustadt, Czechoslovakia. Filed July 9, 1924, Serial No. 725,120, and in Germany July 3, 1923. 1 Claim. (Cl. 306—37.)



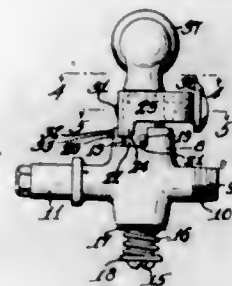
A tool handle fastening device comprising a handle with a slit in its lower end and a head having also a slit, two connecting plates lying one upon the other and fitted in the slits and each provided with a socket of flaps cut out from the connecting plates and which are bent and riveted for the reception of the two parts of the end of the handle, substantially as described.

1,644,577. CAR-COUPLER MOUNTING. ENOCH GEORGE, Jr., Pittsburgh, Pa., assignor to The McConway & Torley Company, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed Dec. 24, 1926. Serial No. 156,878. 9 Claims. (Cl. 213—6.)



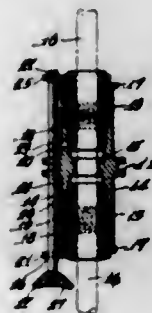
1. A coupler mounting comprising a vertically adjustable coupler pocket having an opening adapted to receive a pin for pivotally connecting a coupler to the pocket and having slots adapted to receive bolts for attaching the pocket to a railway vehicle, means mounted on said vehicle constituting an abutment for supporting the pocket against downward movement, and shim means spaced from said slots and interposed between the abutment means and pocket for fixing the height of the pocket.

1,644,578. SAFETY-PLUG LOCK FOR GAS COCKS. JOHN H. GEORGE, Philadelphia, Pa. Filed July 31, 1923. Serial No. 654,800. 5 Claims. (Cl. 251—164.)



1. In a gas cock valve, a valve body having a recess in its upper end, a valve member movable in said body, a pin in the valve member limiting movement of the valve by engagement with a wall of the recess and a fastening device carried by the valve member, comprising a spring pressed pin passing through the valve member and a lock carried by one end of the pin, enclosing the valve element and pressed by the spring toward position for engagement with a wall of the recess, the lock being adapted to fill in the space between this wall of the recess and the pin in the closed position of the valve and for thumb engagement to release it.

1,644,579. UMBRELLA RUNNER. STANLEY GISZCZYNSKI, Philadelphia, Pa. Filed Aug. 30, 1926. Serial No. 132,558. 4 Claims. (Cl. 135—41.)

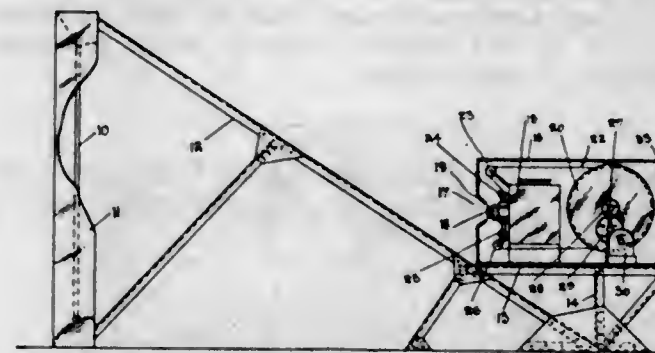


4. The combination with an umbrella rod including the ribs and stretchers therefor, of a tubular runner, a grooved and slotted annular flange carried by said runner intermediate its ends for pivotally receiving the lower ends of said stretchers, oppositely disposed inclined surfaces formed in the bore of said runner intermediate its ends, a pair of oppositely disposed tubular clutch members positioned in said runner from each end thereof and retained therein in axial alignment by a pair of collars threadably inserted in the ends of said runner, an inclined head formed on the inner end of each of said clutch members, a compression spring carried by each of said clutch members between the said collars and inclined heads, a plurality of balls disposed in the periphery of said inclined heads adapted to normally bear on said rod and inclined surfaces in the bore of said runner, and a pair of co-operative gripping members carried by said runner and connecting the outer end of said clutch members, for simultaneously releasing said members and runner for slidable movement on said umbrella rod.

1,644,580. ANIMATED ADVERTISING DEVICE. WILLIAM GORDON GOULD, Montreal, Quebec, Canada. Filed Mar. 28, 1925. Serial No. 19,035. 1 Claim. (Cl. 88—24.)

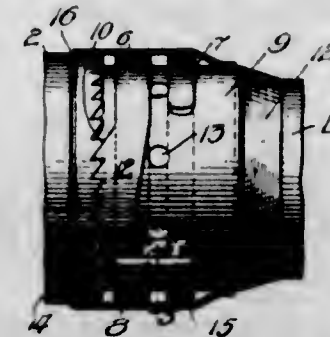
An animated advertising device comprising a screen casing having a front and rear exposure to the open air and a removable screen therein containing suitable lettering,

a frame in scantling form supporting said screen casing at one end and having a shelf at the other end supported on posts and having a casing thereon containing a pro-



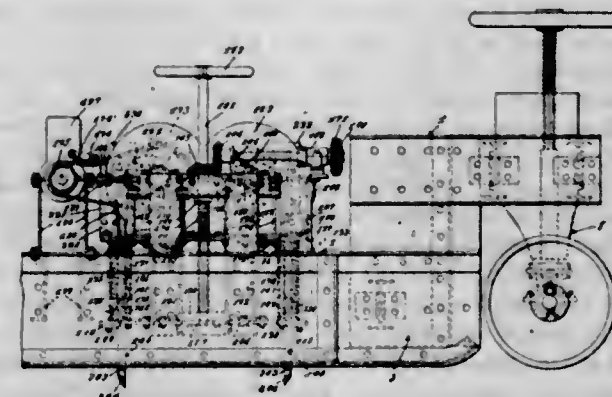
jecting machine and a helical drum forming the film feed with suitable driving power therewith, said projecting machine adapted to project the films across the open space on to the screen in said screen casing.

1,644,581. PNEUMATIC TOOL. WILLIAM J. GUYER, Chicago, Ill., assignor to King Pneumatic Tool Company, Chicago, Ill., a Corporation of Illinois. Filed Oct. 12, 1923. Serial No. 668,098. 4 Claims. (Cl. 121—36.)



1. In a pneumatic tool, separably connected body members, one screwed upon the other; and means constantly urging said members into tightly connected relationship, comprising an integral clasp embracing one of said members and having an abutment seated in engagement therewith; said clasp having a resilient arm engaging the other member and adapted to be circumferentially stressed between the point of such engagement and the abutment, and having a clamping portion which resists unseating of said abutment.

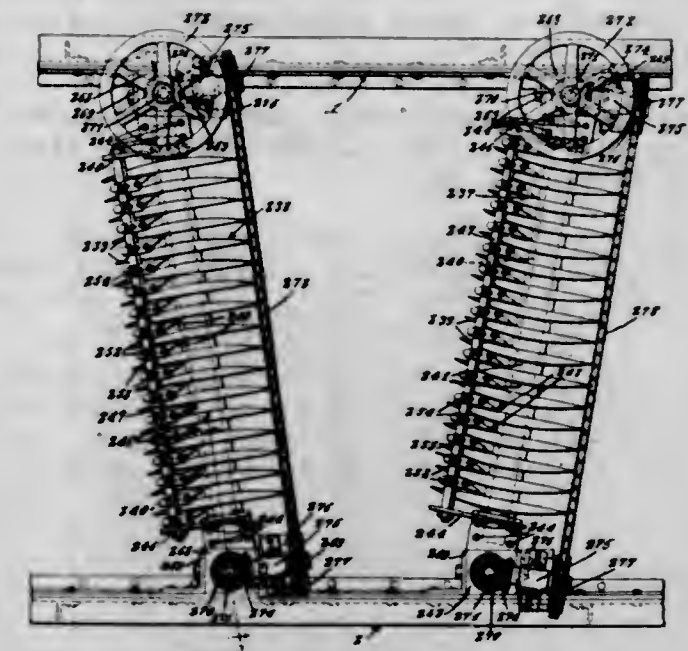
1,644,582. SURFACE BREAKING AND LOOSENING MACHINE. FRED MERRILL HARGRAVE, Cedar Rapids, Iowa. Original application filed Sept. 15, 1925, Serial No. 56,508. Divided and this application filed Jan. 25, 1927. Serial No. 163,497. 11 Claims. (Cl. 262—10.)



4. A mechanism for the purpose set forth comprising a portable supporting structure, a vertically adjustable support arranged therein, connected therewith and provided

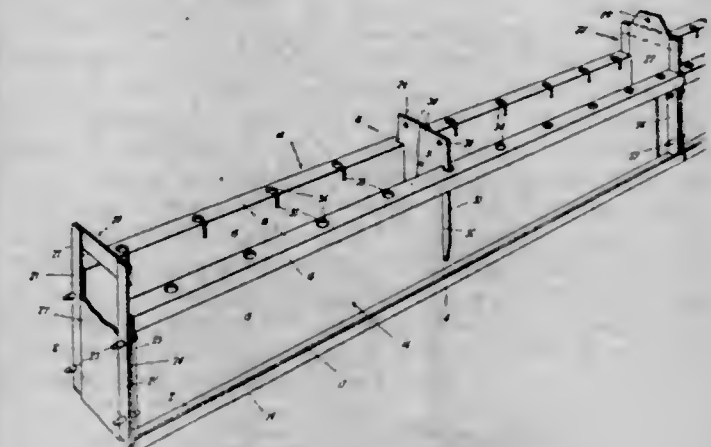
at its top with an upstanding set of spaced tool guides, a surface breaking tool extending through said support and each of said guides, controlling springs for said tools, a set of cams carried by said support, cooperating with said controlling springs and striking the tools directly for reciprocating these latter, and a series of pairs of concentrically arranged buffer springs arranged within said support and each pair positioned below a controlling spring for a tool and surrounding the latter.

1,644,583. CUTTING MECHANISM. FRED MERRILL HARGRAVE, Cedar Rapids, Iowa. Original application filed Sept. 15, 1925, Serial No. 56,508. Divided and this application filed Jan. 25, 1927. Serial No. 163,498. 10 Claims. (Cl. 262—10.)



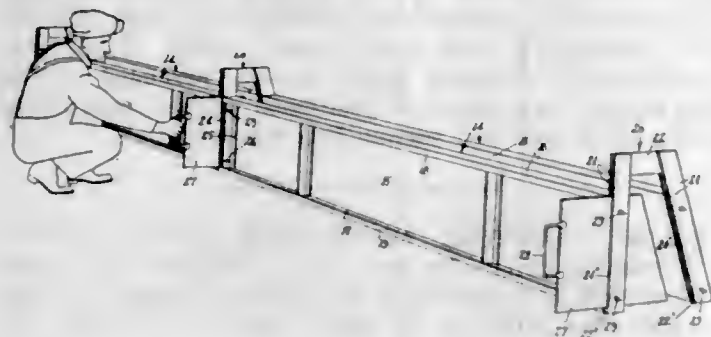
1. In a road building machine a mobile supporting structure, two sets of revoluble surface cutting disks arranged within and extending transversely of said structure, one set of disks inclining forwardly and the other set rearwardly with respect to said structure, a pair of supports, each common to a set of disks, means for connecting the supports to said structure, and each of the disks of each of said sets being concave.

1,644,584. CONCRETE FORM. JOHN N. HELTZEL, Warren, Ohio. Filed Mar. 21, 1925. Serial No. 17,211. 37 Claims. (Cl. 25—118.)



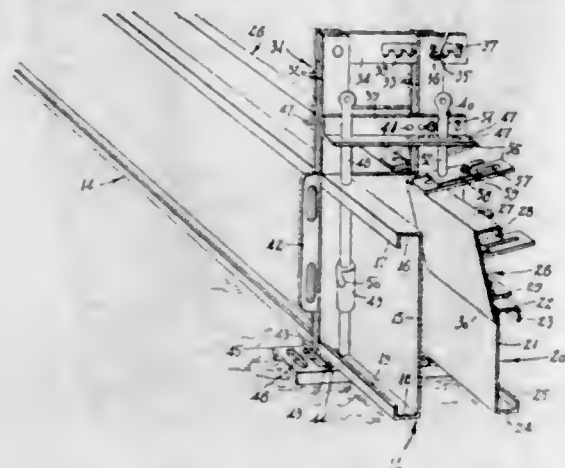
1. A concrete form comprising opposite side members, and a yoke, said yoke and ends of said members having portions to fit together to prevent relative vertical displacement between said yoke and members.

1,644,585. CONCRETE FORM. JOHN N. HELTZEL, Warren, Ohio. Filed Nov. 4, 1925. Serial No. 66,806. 28 Claims. (Cl. 25—118.)



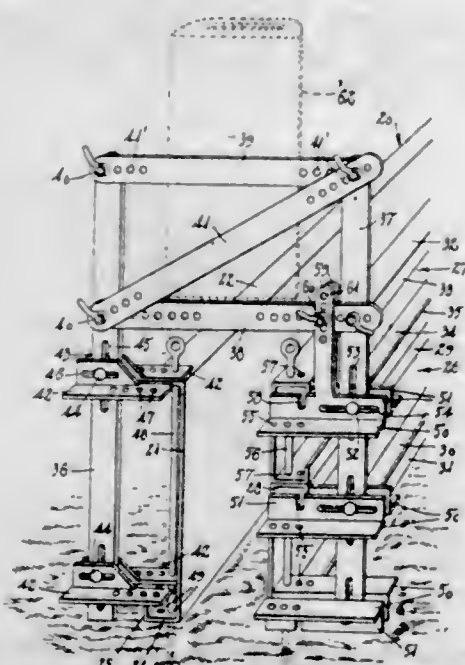
1. A joint member to be disposed between other members of a concrete form, and a division plate slidable through said joint member to be projected into and withdrawn from the form.

1,644,586. CONCRETE FORM. JOHN N. HELTZEL, Warren, Ohio. Filed Jan. 6, 1926. Serial No. 79,656. 54 Claims. (Cl. 25—118.)



4. A concrete form comprising rails disposed end to end and having upper and lower flanges, a joint device between the ends of the rails, and stakes connected with said device and adapted to enter the sub-base, said stakes passing through said flanges of the rails to hold the rails in abutment with said device.

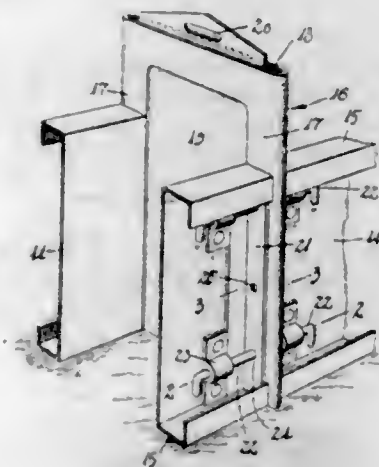
1,644,587. CONCRETE FORM. JOHN N. HELTZEL, Warren, Ohio. Filed Feb. 23, 1926. Serial No. 90,072. 47 Claims. (Cl. 25—118.)



9. In a device of the character described, a yoke adapted to be disposed astride form members disposed end to end,

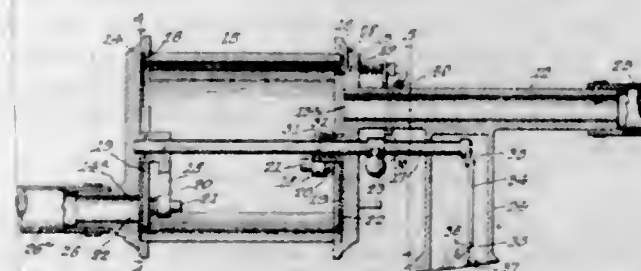
brackets to engage the adjacent ends of said form members, and means for clamping said bracket to the limbs of the yoke, the brackets having provisions for the clamping means for the adjustment of the brackets transversely of the form members, and the limbs of the yoke having provisions for said clamping means to permit of vertical adjustment of said brackets.

1,644,588. CONCRETE FORM. JOHN N. HELTZEL, Warren, Ohio. Filed Aug. 6, 1926. Serial No. 127,596. 5 Claims. (Cl. 25—118.)



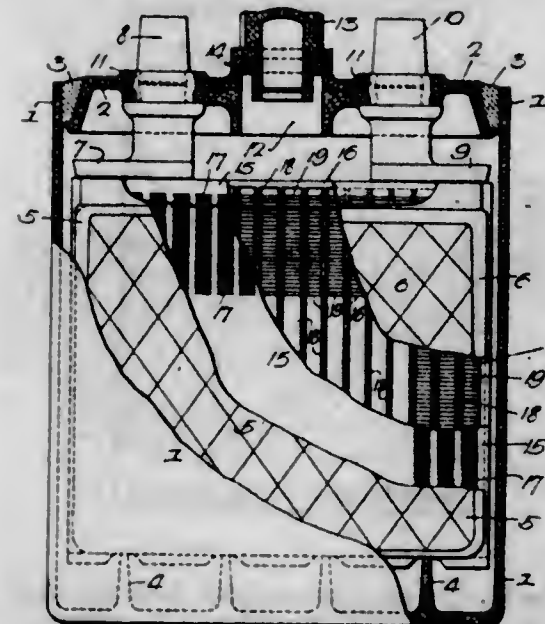
1. A yoke for a concrete form having channel-shaped limbs adapted to receive a division plate therein.

1,644,589. LIQUID-MEASURING DEVICE. ROBERT P. HERON, Utica, N. Y.; Joseph Pickell administrator of said Robert P. Heron, deceased. Filed Apr. 27, 1923. Serial No. 635,005. 5 Claims. (Cl. 221—116.)



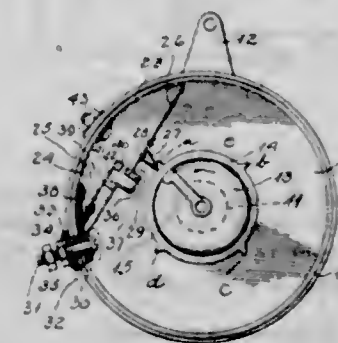
1. A visible liquid measuring device comprising an inlet head provided with an inlet pipe and port and an outlet head provided with an outlet port and nozzle, said inlet and outlet ports being out of register with each other, a transparent casing part interposed between said heads, packings to afford tight joints between said heads and said transparent casing part, bolts connecting said heads and serving to hold them tightly against said packings, a rock-shaft mounted in said heads and provided with an operating handle outside of said heads, arms attached to said rock-shaft and having holes, segmental valves having pins loosely entering holes in said arms, whereby said valves are connected with said rock-shaft to rotate therewith but are loose so as to be free to move in the direction of the axis of said rock-shaft, and by which valves the said inlet and outlet ports may be alternately opened and closed, and springs by which said valves are yieldingly held against said heads.

1,644,590. STORAGE BATTERY. WALTER E. HOLLAND and WILLIAM H. GRINDITCH, Philadelphia, Pa., assignors to Philadelphia Storage Battery Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Mar. 5, 1923. Serial No. 622,846. 11 Claims. (Cl. 136—6.)



1. In combination, dry, reversible negative plates; dry, reversible positive plates; and plate separators of non-absorbent insulating material; the negative and positive plates having a substantial percentage of their respective active materials in a charged state.

1,644,591. IGNITION-CONTROLLING APPARATUS. ALONZO HOWARD, Chicago, Ill., assignor of one-fifth to Ibert F. Burchard, Chicago, Ill. Filed Jan. 12, 1925. Serial No. 1,729. 7 Claims. (Cl. 123—146.5.)

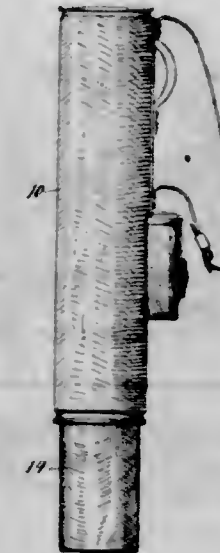


1. In ignition controlling apparatus, a circuit breaker structure, a single circuit controlled thereby, an actuating member, a main contact member for said breaker structure adapted for cooperation with said actuating member, and a plurality of other contact members associated with said main contact member, the cooperation of said actuating member with said main contact member causing a series of closures and reopenings of the circuit controlled by said breaker structure.

1,644,592. GOLF BAG. WILLIAM L. HOWLAND, Mason City, Iowa. Filed June 3, 1926. Serial No. 118,503. 2 Claims. (Cl. 150—1.5.)

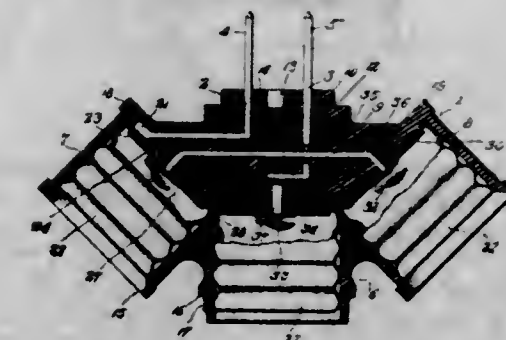
1. A golf bag, comprising a body, a telescopic bottom section, and means respectively engageable within the 363 O. G.—13

opposite ends of the body to constitute a member for closing the upper end when the bottom section is pro-



jected outwardly, and a means for retaining the bottom section against outward movement when telescoped within the body.

1,644,593. THREE-WAY SOCKET. WILLIAM ILE, Jackson, Mich., assignor to Reynolds Spring Company, Jackson, Mich., a Corporation of Delaware. Filed June 11, 1925. Serial No. 36,504. 2 Claims. (Cl. 173—335.)

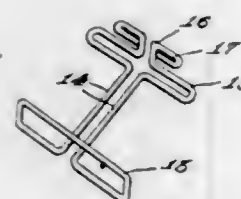


1. A three way socket including a single-piece molded insulating body comprising a solid upper portion and center and side sockets depending from the solid upper portion, a shell contact conductor bar embedded in the solid upper portion and projecting from the top thereof and extending to one of the side sockets and having its inner terminal exposed at the top of such socket, shell contacts arranged within the sockets and electrically connected with one another and with the said inner terminal, a center contact conductor bar spaced from the said conductor bar and provided with a short arm terminating centrally of the insulating body, a conducting and attaching member carried by the said short arm and projecting at the center socket, a conductor yoke extending across the insulating body between the arms of the conductor bars and connected intermediate its ends with the center contact conducting bar and having its terminals projecting at the centers of the side sockets, and center contacts secured to the ends of the yoke and to the said attaching and conducting members.

1,644,594. SUSPENDER BUCKLE. JOHN WILLIAM JONES, Smackover, Ark. Filed Jan. 22, 1927. Serial No. 162,860. 2 Claims. (Cl. 24—73.)

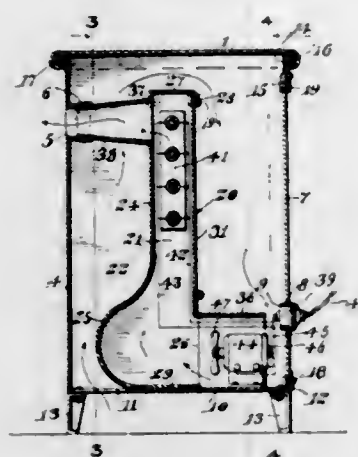
1. As a new article of manufacture, a suspender buckle consisting of a length of wire bent intermediately upon itself to provide a guide loop for the suspender, spaced

parallel arms depending from the loop, half-loop portions carried at appropriate points in the lengths of said



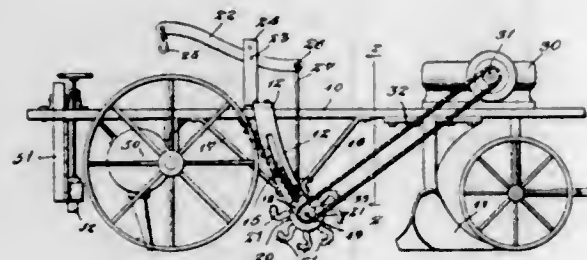
arms, and enlarged portions offset and laterally projected from the half-loops adapted for reception within registering button holes in the suspender and garment.

1,644,595. HEATING DEVICE. FRANK E. KARG, Cleveland, Ohio. Filed Dec. 17, 1926. Serial No. 155,504. 9 Claims. (Cl. 126-67.)



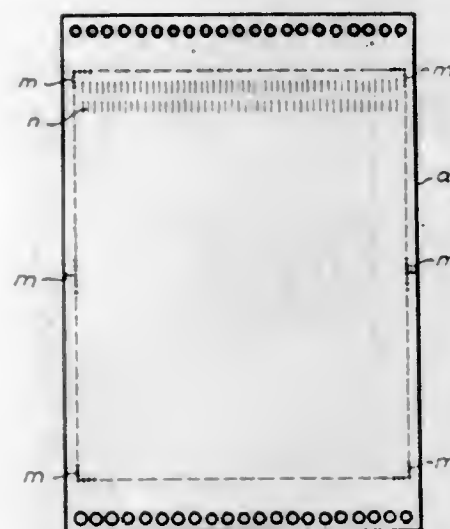
1. An air heating device comprising a housing having its bottom forwardly thereof provided with a cold air inlet opening and its front in proximity to its upper end with a hot air outlet, and a casing arranged within the housing, having an electrical heating element therein and providing a heating chamber for air, said casing discharging into said outlet, said casing in connection with said housing forming a cool air receiving chamber surrounding said casing, said casing, above the bottom of said housing, having its rear provided with an intake communicating with said air heating chamber at the lower portion of the rear thereof.

1,644,596. AGRICULTURAL MACHINERY. FREDERICK AUGUST KRIEGER, Livingston, Mont. Filed June 18, 1924. Serial No. 720,821. 2 Claims. (Cl. 92-215.)



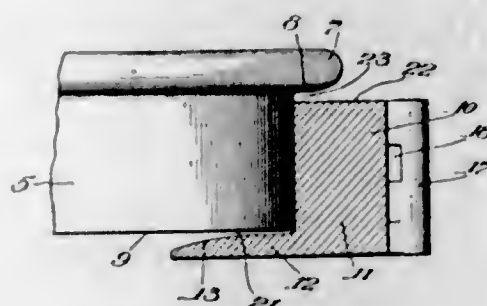
1. A cultivating shoe including a head having a transverse recess, and a ground-engaging element secured in the recess and having toothed cutting blades, said head having a plurality of teeth extending transversely thereof behind the blades.

1,644,597. FLEXIBLE PRINTING SHEET. EDMUND LICHTENSTEIN, Berlin, Germany, assignor to the Firm: Deutsche Maschinenbau- und Vertriebs. Gesellschaft m. b. H., Berlin, Germany. Filed Nov. 3, 1925, Serial No. 66,681, and in Germany Nov. 4, 1924. 2 Claims. (Cl. 101-401.)



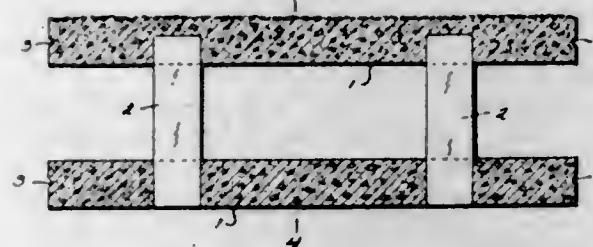
1. A flexible grained planographic printing sheet having an area available for printing and an area not available for printing, said areas being visibly distinguishable from each other by the character of the grain.

1,644,598. BRAKE SHOE. JOHN H. MADISON, Burlington, Iowa, assignor of one-half to Rudolph Erick, Burlington, Iowa. Filed Jan. 8, 1927. Serial No. 159,837. 6 Claims. (Cl. 188-250.)



3. A brake shoe of the class described comprising a shoe proper having an offset intermediately and a flange projecting inwardly from the offset adapted to engage the face of the wheel to prevent the opposite side of the shoe from engaging the flange of the wheel.

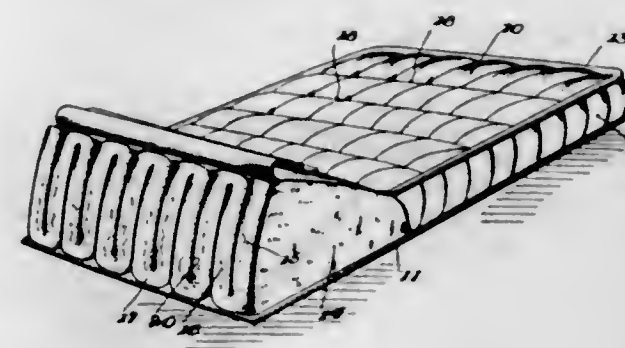
1,644,599. BUILDING BLOCK. GEORGE W. MCDEARMON, New Orleans, La. Filed Oct. 2, 1924. Serial No. 741,255. 2 Claims. (Cl. 72-43.)



1. A building block comprising a pair of spaced concrete slabs, and a clay brick connecting said slabs and constituting a moisture absorbing element, one end por-

tion of the brick partially extending within one of the slabs while the opposite end portion of the brick extends entirely through a second slab with its end face substantially flush with the outer face of said second slab.

1,644,600. MATTRESS. JOHN IRVIN MORGAN, Farmville, N. C. Filed Nov. 1, 1926. Serial No. 145,628. 1 Claim. (Cl. 5-361.)



A mattress comprising a casing, a continuous strip of layer felt in the casing and folded in U-shaped sections, alternate U-shaped sections having the bends thereof oppositely disposed relative to adjacent sections, the bends at opposite faces of the mattress being in close contact and providing a relatively flat surface, the legs of the U-shaped sections being disposed in vertical planes, a strip of flexible material located between each pair of the legs of the U-shaped sections and terminating short of the opposite ends of said sections, said flexible material being sufficiently rigid for aiding in reinforcing and bracing the U-shaped sections.

1,644,601. VACUUM DISCHARGE TUBE. ALBERT PAUL HANS GERD NICKEL, Charlottenburg, and JOHANNES JOACHIM SPANNER, Berlin, Germany. Filed Feb. 24, 1927, Serial No. 170,680, and in Germany Sept. 9, 1924. 3 Claims. (Cl. 250-27.5.)

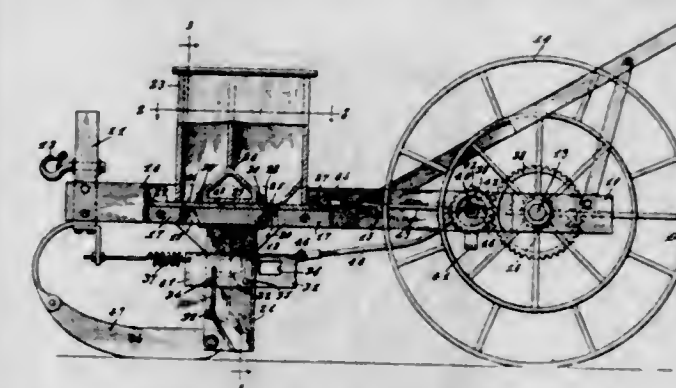


1. The herein described method of coating vacuum discharge tubes with metal, which consists in loosely placing a protective plate on a portion of the wall of the tube, precipitating metal contained within the tube, and removing said plate from the wall of the tube.

1,644,602. SEED PLANTER. HOSEA N. OLIVER, Hartsville, Mo. Filed Jan. 29, 1925. Serial No. 5,599. 1 Claim. (Cl. 111-51.)

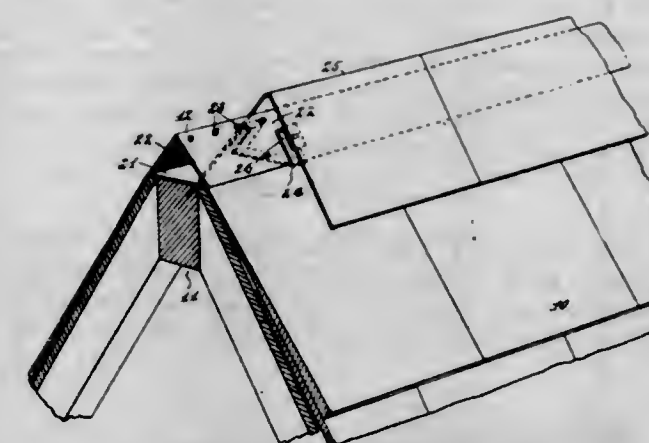
In a planter of the character described, a delivery spout, a chute at one side of and opening laterally into said spout, a perforated vertically disposed slide mounted transversely in the spout and intersecting the communication between the chute and spout, a vertically swinging

valve in the spout below the slide and automatically tripped by the latter, means for tensioning the slide, means operable on advancement of the planter to actuate



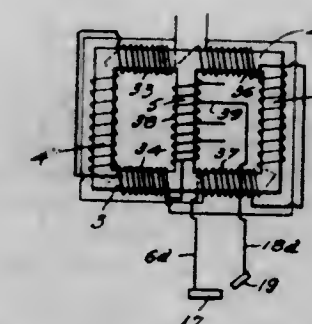
the slide, means for feeding alternately materials to the chute, and means synchronously operated by the first named means to control the feeding means.

1,644,603. FIRE-PREVENTION APPARATUS. JAMES P. O'NEILL, Queens Village, N. Y. Filed Sept. 30, 1926. Serial No. 138,698. 6 Claims. (Cl. 169-16.)



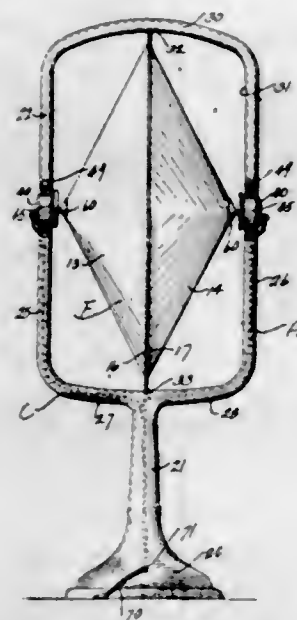
1. The combination with the ridge of a roof of a building, of an apparatus for controlling water under pressure to cause the water to flow over the entire surfaces of the eaves of the roof, said apparatus including a tube which extends the entire length of the ridge and to which the water is fed under a determined pressure, and means disposed relatively to the tube which functions after the tube has substantially filled with the water for distributing and precipitating the water on said eaves.

1,644,604. TRANSFORMER FOR ELECTRIC-ARC CUTTING AND WELDING APPARATUS. FREDERICK C. OWEN, Fayetteville, N. C. Filed Nov. 19, 1925. Serial No. 70,083. 11 Claims. (Cl. 171-119.)



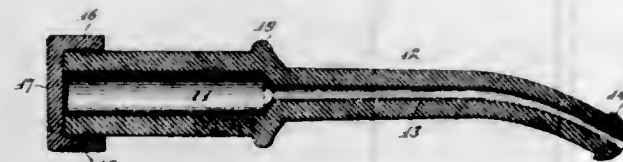
1. A transformer comprising a core providing a plurality of closed magnetic paths, a primary winding embodying sections distributed around the greater portion of each of said paths, and a secondary winding distributed around a plurality of said paths.

1,644,605. SOUND AMPLIFIER FOR RADIO AND TELEPHONE RECEPTION. JERRY PAVEK, Polar, Wis. Filed Aug. 25, 1925. Serial No. 52,413. 7 Claims. (Cl. 181-31.)



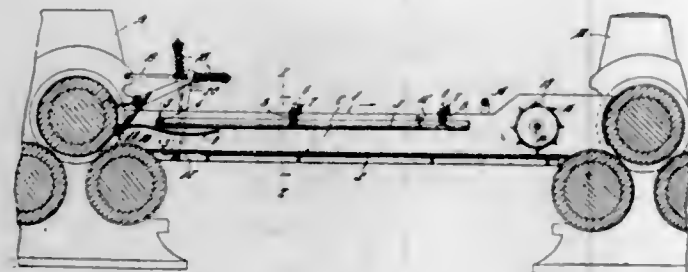
1. In a sound amplifying device a diaphragm construction consisting of a pair of conical diaphragms oppositely disposed to provide a compartment therebetween, said diaphragms having the apices thereof provided with outwardly extending shanks, and sound receivers including diaphragms connected with both of said shanks.

1,644,606. DEVICE FOR MASSAGING AND LUBRICATING THE HUMAN SYSTEM. SAMUEL E. PEL-PHREY, French, N. Mex. Filed Apr. 15, 1926. Serial No. 102,263. 4 Claims. (Cl. 128-65.)



1. A massage device which comprises a body portion having an enlarged chamber having a flange at its forward end and forming a reservoir for a lubricating liquid, a removable cap on the rear end of said body portion, and a curved tubular massage element connected with the forward end of the body portion.

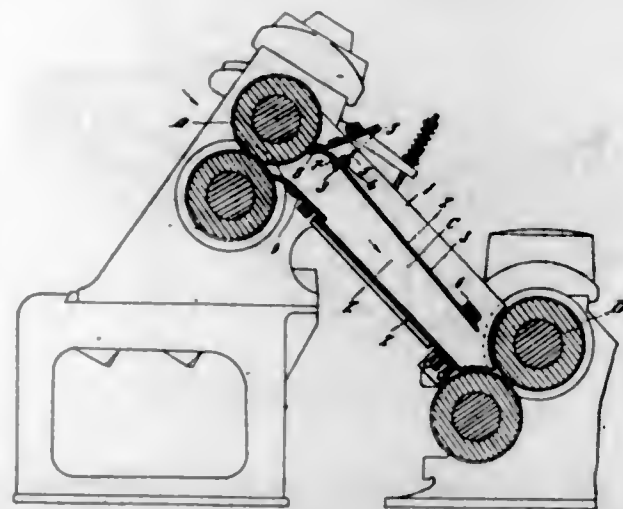
1,644,607. INTERMEDIATE BAGASSE CARRIER FOR CANE-SUGAR MILLS. JOSE ALVAREZ PEREZ, Central Francisco, Francisco, Cuba. Filed Aug. 27, 1926. Serial No. 132,026. 1 Claim. (Cl. 100-47.)



A chute for conveying material from one set of rollers of a sugar mill to another set comprising bottom and side walls, cross pieces supported by the upper edges of the side walls, the front end of the side pieces each having a vertical row of holes therein, a top plate for the chute having pivots at its front end, each engaging any one of

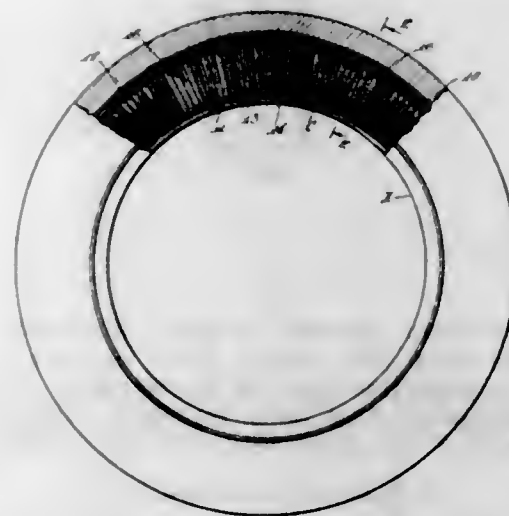
the holes, pins connected with the plate and passing through the cross pieces, springs on the pins arranged between the plates and the cross pieces for yieldingly holding the plate in a certain position.

1,644,608. INTERMEDIATE BAGASSE CHUTE FOR CANE-SUGAR MILLS. JOSE ALVAREZ PEREZ, Central Francisco, Francisco, Cuba. Filed Aug. 27, 1926. Serial No. 132,027. 1 Claim. (Cl. 100-47.)



In combination with a sugar mill having one set of rollers arranged above the plane of a second set of rollers, a chute extending downwardly from the upper set to the lower set so that the material will pass through the chute under the action of gravity and also under the pressure exerted by the material entering the chute from the first set of rollers upon the material in the chute, the top part of the chute being pivotally supported at its front end, a weight connected with the rear end of the top part for resisting upward movement of the top and a curved guide having its front end attached to the upper scraper of the first set of rollers and its rear portion extending under the front end of the top part of the chute for guiding the material from the scraper into the chute.

1,644,609. NONPNEUMATIC-TIRE FILLER. JAMES P. PRALL, Woodbridge, N. J. Filed Nov. 11, 1926. Serial No. 147,802. 2 Claims. (Cl. 152-8.)



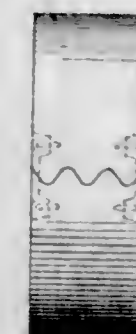
1. A non-pneumatic filler for tire shoes including an annular coil spring element and yieldable means embracing the same and provided with means engaging between the convolutions to prevent creeping or relative circumferential movement of said yieldable means and the spring, and flexible resilient coverings provided respectively on the coil spring element and said means.

1,644,610. BURNER. GEORGE L. REICHEL, Elizabeth, N. J., assignor to The Gasifier Company, Elizabeth, N. J., a Corporation of New Jersey. Filed Oct. 13, 1924. Serial No. 743,189. 17 Claims. (Cl. 158-116.)



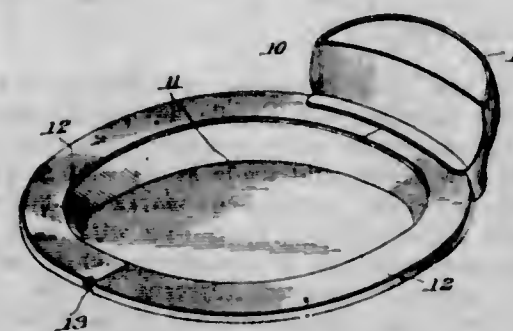
1. A burner comprising a fuel supply member and a burner tip mounted therein, said burner tip comprising an annular member having baffles on its exterior and being formed with slotted fuel passageways parallel with the axis of said annular member, said passageways being formed to direct flames toward the outer end of said burner tip.

1,644,611. BALL BEARING. WILHELM REIFFERT, Cologne Vingst, Germany, assignor to Dr. H. Dux Company, Inc., Jacksonville, Fla. Filed Feb. 24, 1926. Serial No. 90,354, and in Germany Feb. 28, 1925. 3 Claims. (Cl. 308-196.)



1. A ball or roller bearing, comprising a race formed of a plurality of segmental sections with conical depressions formed in the sides of the race sections near the joints, and removable connecting means with conical projections bridging the joints at the side of the race with the conical projections seated in the respectively shaped depressions in the sections for securing and drawing the same together.

1,644,612. DETACHABLE FINGER BOWL. JOHN ROBERTS, Greenwich, Conn. Filed Aug. 27, 1926. Serial No. 131,992. 7 Claims. (Cl. 65-15.)



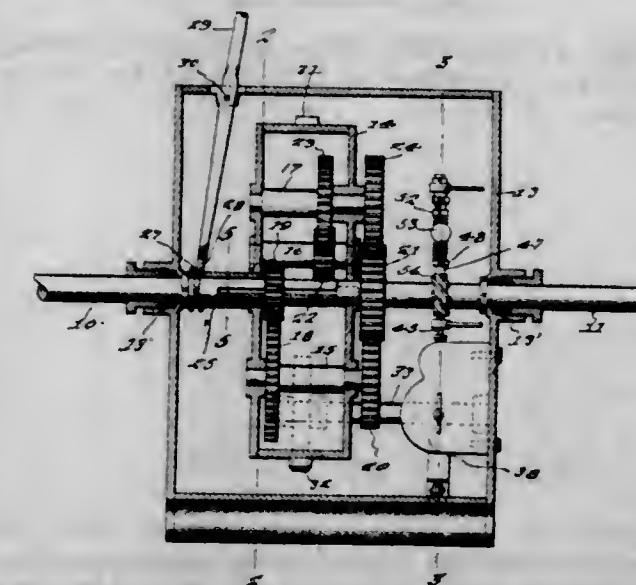
1. A device of the class described comprising a pair of hingedly connected sections adapted to engage the peripheral edge of a plate, a finger bowl, and co-acting means between said finger bowl and said sections for locking the free meeting ends of said sections together.

1,644,613. EXTENSION TOWER. RALPH ROYER and JOHN A. SOGNIS, Trenton, N. J., assignors to M. J. McDonald Estate, Trenton, N. J., a Corporation of New Jersey. Filed June 14, 1924. Serial No. 720,042. 5 Claims. (Cl. 189-14.)



1. A portable extension tower comprising a plurality of telescoping sections adapted to be positioned in nested relation when the tower is collapsed, a platform carried by one of said sections, brackets fixedly secured to the several sections adjacent their upper ends and extending outwardly therefrom, and an extension ladder arranged at one side of said tower having a plurality of sections each independently and fixedly supported adjacent one end by said tower brackets and by a separate tower section.

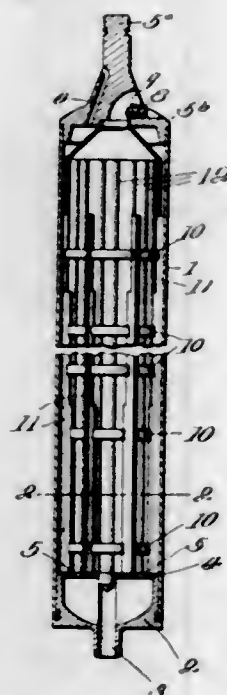
1,644,614. AUTOMATIC VARIABLE-SPEED TRANSMISSION. SAMUEL E. SANDERSON, Brooklyn, N. Y. Filed Apr. 7, 1926. Serial No. 100,377. 2 Claims. (Cl. 74-34.)



1. In combination, a pair of axially aligned independently rotatable shafts, including a drive shaft and a driven shaft, a drum rotatable upon the adjacent ends of the respective shafts, reduced gearing including drum carried gears capable of rotation relative to the drum and gear carried by each shaft and engaged by the drum carried gears, a shaft, a gear mounted thereon, teeth arranged about the circumference of the drum and meshing with the last mentioned gear to hold the drum stationary to permit rotation of the driven shaft at a less speed than the speed of rotation of the drive shaft, a fluid pump including a cylinder, a partition dividing the cylinder into separate communicating compartments, a normally closed valve controlling said communication and adapted to be opened by fluid pressure, a piston operating in one of said compartments, a piston rod connected

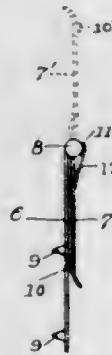
with the last mentioned shaft, the operation of the pump regulating the rotation of said drum, and means including a governor actuated valve controlled by the speed of rotation of the driven shaft to control the operation of the pump.

1,644,615. SEPARATOR. DAVID T. SHARPLES, West Chester, Pa., assignor to The Sharples Separator Company, West Chester, Pa., a Corporation of Pennsylvania. Filed Feb. 11, 1925. Serial No. 8,499. 6 Claims. (Cl. 233-42.)



1. In a centrifugal separator, a bowl having an outer envelop of material having a great elongation, and an inner lining of material having a high tensile strength, whereby said envelop retains fragments resulting from accidental bursting of said lining.

1,644,616. PURSE CLIP. HARMAN J. SHOOK, Bellingham, Wash. Filed May 9, 1927. Serial No. 189,829. 1 Claim. (Cl. 24-3.)

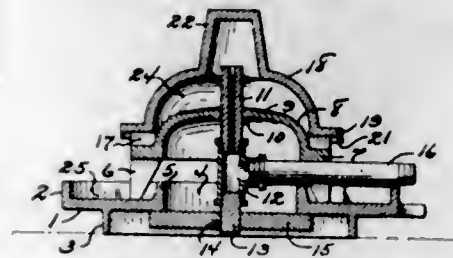


A purse clip consisting of a two-member hinge one member of which has barbs thereon adapted to pierce and be fastened to the walls of a purse by clinching thereover, a tooth having inclined sides on the hinge eye of said one hinge member, said other member of said hinge having a boss thereon next to the side of said one member when closed, and a resilient dog on said other member adapted to engage with said tooth when closed proximate to said one member.

1,644,617. BURNER. RUFUS M. STONE, Oklahoma City, Okla. Filed Jan. 27, 1926. Serial No. 84,212. 2 Claims. (Cl. 158-53.)

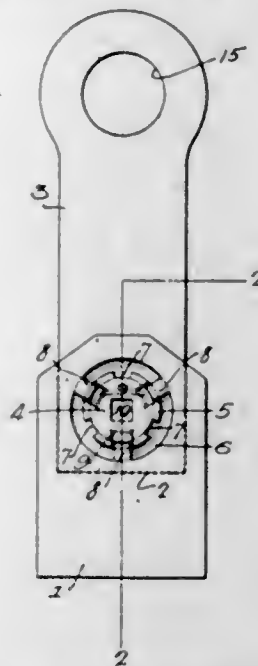
1. A hydro-carbon burner, comprising a base having a central opening therethrough which is surrounded by an upstanding flange and which base has an upstanding outer flange providing an oil pan between said flanges, said base having its under face formed with a continuous de-

pending flange, a dome-shaped member having depending legs arranged in and resting on the pan, a crown member arranged over the central member and having a central hollow frusto conical extension, means between the crown and central member for raising the former on the latter to regulate the space therebetween, an oil jet nipple



screwed through the central member and having its end received in the frusto conical extension of the outer member, a T coupling screwed to the inner end of the nipple, a threaded plug closing the outer passage through the coupling, a cross bar screwed on the plug and contacting the under face of the base and a fuel conducting pipe connected with the lateral branch of the T-coupling.

1,644,618. PIN-LOCKING MEANS. WILLIAM W. SWAYZE, Wilmington, Del. Filed Aug. 30, 1922. Serial No. 385,273. 3 Claims. (Cl. 85-5.)

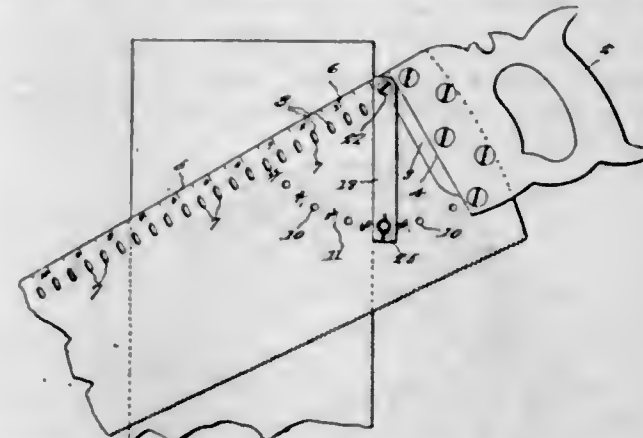


2. The combination of an element having a pin-hole therein with a pin in the hole, the pin having a notched flange formed to permit its insertion when occupying a predetermined position relatively to the element, the element being provided with a part capable of being bent into a depression in the pin to prevent the rotation and longitudinal movement of the pin.

1,644,619. SAW. SIDNEY MARION TEPPER, Cleveland, Ohio. Filed Feb. 2, 1926. Serial No. 85,549. 1 Claim. (Cl. 7-13.)

A tool of the class described, including a saw blade and a handle therefor, said handle having its inner edge arranged rightangularly with respect to the non-toothed edge of the saw blade, said blade at its said non-toothed edge being inscribed with inch marks and fractions thereof, and being provided in a line with such marks with transverse openings, a combined square and bevel attachment pivotally secured adjacent to the straight edge of the saw blade at the juncture of the handle therewith, said attachment comprising two flat arms, one of which having a boss that passes through the saw blade and that is received in the second arm, both of said arms at the pivotal connection thereof having square openings therethrough, each of which being surrounded by a recess, a headed bolt having a squared shank passing through the squared openings and the head thereof received in one

of the said recesses, said shank having its outer end formed with a threaded extension, a rounded nut received in the depression or recess of the second arm and screwed on the threaded end of the bolt, and a binding bolt passing



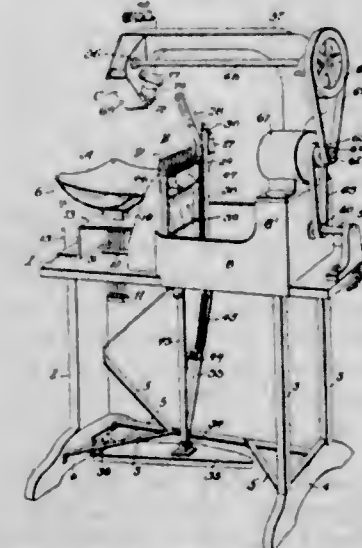
through the second ends of the arms and the openings in the saw blade for holding the arms against the handle or for holding the said arms at different angle positions on the saw blade.

1,644,620. APPARATUS FOR PAPER MANUFACTURE. CHARLES WILBERT UNKLE, Baltimore, Ohio. Filed May 23, 1925. Serial No. 32,240. 3 Claims. (Cl. 92-40.)



1. In a paper making machine, a mixing tank, a partition extending across the mixing tank and dividing the same into a receiving end and a discharge end, other partitions dividing the discharge end of the tank into a plurality of compartments, the first mentioned partition having a plurality of gate control openings corresponding in number to said compartments and each communicating with a respective compartment, a plurality of conduits leading individually from respective compartments, a baffle extending downwardly in the tank in spaced relation to the first partition and terminating in spaced relation to the bottom of the tank, said baffle being located in the receiving end of the tank, and a conduit communicating with the receiving end of the tank at the side of the baffle remote from the first partition.

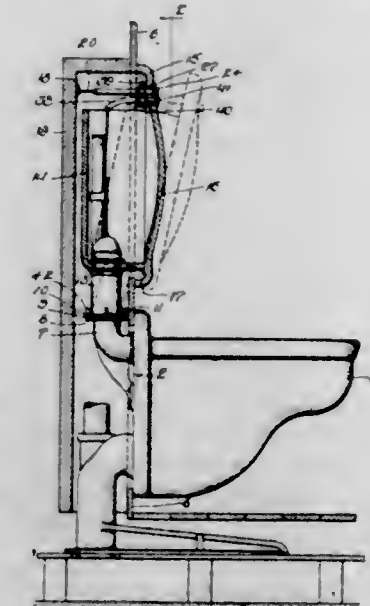
1,644,621. PLUCKING MACHINE. EDWARD WARNER, Union City, N. J. Filed Dec. 8, 1925. Serial No. 74,117. 5 Claims. (Cl. 17-11.)



1. A machine of the character described, including a table, a poultry support above the table, a laterally swinging frame adjacent the poultry support, a fixed comb adja-

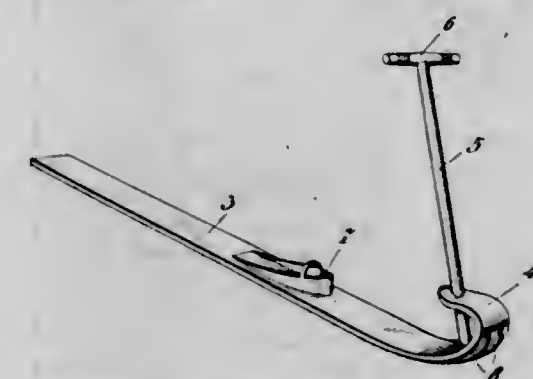
cent the poultry support, a movable jaw adapted to engage a portion of the frame to clamp the feathers between said parts, springs engaging the frame, a catch normally holding the frame against the comb, and means for putting the springs under tension and also operating the catch to release the frame when the springs are under a predetermined tension.

1,644,622. TANK FOR WATER-CLOSETS, URINALS, AND THE LIKE. EARL G. WATROUS, Chicago, Ill. Filed Feb. 11, 1922. Serial No. 535,673. 8 Claims. (Cl. 4-18.)



1. The combination with a wall having a recess therein for receiving a flushing tank, of a tank adapted to fit in said recess, means for mounting the tank within said recess and means for moving the tank to give access thereto without disconnecting the supply and discharge pipes.

1,644,623. GLIDER. JOSEF MARTIN AHN, New York, N. Y. Filed Dec. 18, 1926. Serial No. 155,706. 1 Claim. (Cl. 280-22.)

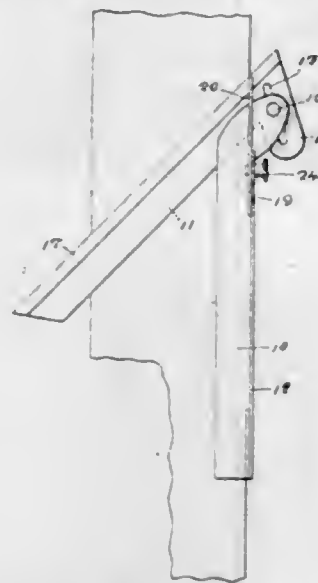


A glider consisting of a runner, having parallel grooves in the rear portion of its underside, parallel rails on the forward underside of the runner, tapering vertically toward a meeting with the parallel grooves, and a post on the runner.

1,644,624. RAFTER-FRAMING TOOL. ESTEN ANDERSEN, Chicago, Ill. Filed Oct. 6, 1926. Serial No. 139,927. 1 Claim. (Cl. 33-90.)

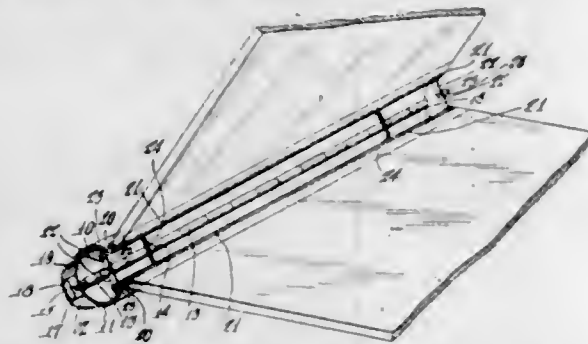
A bevel square of the character described comprising a limb including spaced sections, the upper ends of which are reversely offset, a second limb having an offset slotted extension, slidably and pivotally associated with the offsets of the first mentioned limb, said second limb being capable of being arranged at any desired angle with relation to the first mentioned limb, or folded between the sections thereof, means for releasably holding said limbs

fixed relatively, slotted extensions projecting laterally from the first mentioned limb, wings slidably and pivotally mounted on said extensions and capable of being arranged at desired angles with relation to said limb, each wing including a curved edge and a straight edge terminating in



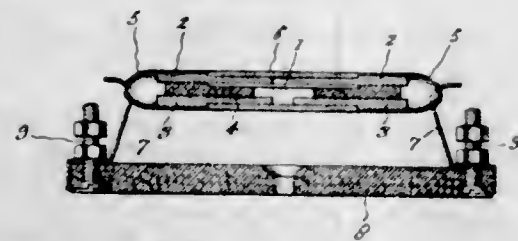
a pointed extremity for said wing, said wings being each capable of being reversed on the extensions so as to present either edge to the adjacent side of the first mentioned limb, and to enable the wing to be folded parallel with the latter when not in use, and means for holding said wings fixed relatively to said limb.

1,644,625. DOCUMENT-BINDING CLAMP. SIMON J. BABIAN, Philadelphia, Pa. Filed Feb. 6, 1926. Serial No. 86,581. 2 Claims. (Cl. 129—37.)



2. A document binder comprising a pair of hingedly united document clamping sections provided with tensioning means to normally hold them in clamping positions, a backing strip, devices carried by one face of the strip and in turn connected to the hinged portions of the clamping sections for spacing the strip from the sections adjacent their hinged portions, and a buckram binding cover engaging over and secured to the exterior of the strip and conforming and secured to the exterior face of the clamping sections throughout their length.

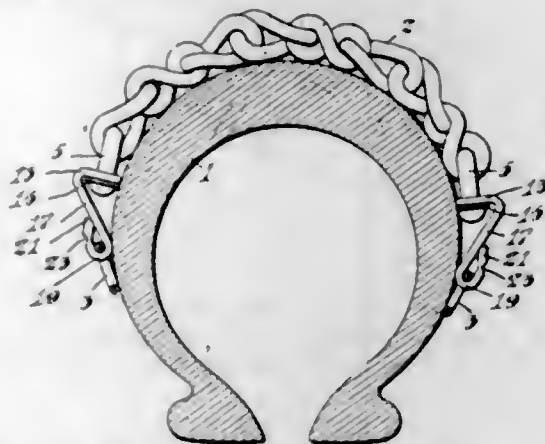
1,644,626. ELECTRIC FUSE. ROBERT HENRY DOUGLAS BARKLEY, Purley, England. Filed Jan. 19, 1927. Serial No. 162,201, and in Great Britain Oct. 5, 1925. 4 Claims. (Cl. 200—135.)



1. A method of manufacturing an electric fuse which consists in electrically depositing metal onto a soluble electrode so that the thickness of the metal is substan-

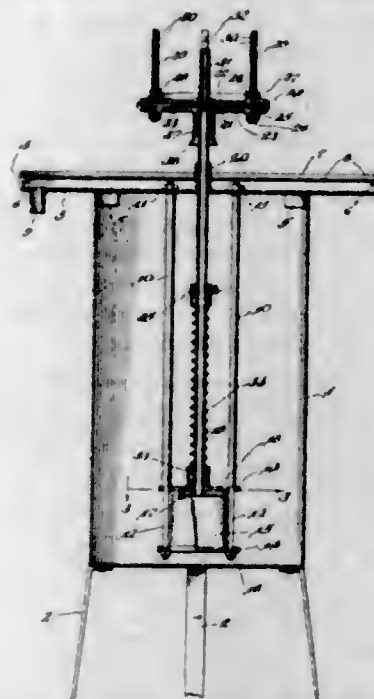
tially not greater than that of commercially beaten gold, dissolving the electrode from the deposited metal and thereafter floating the metal film on to an insulating backing and removing the solvent from the composite sheet thus formed.

1,644,627. TIRE-CHAIN LINK. CHARLES S. BARRELL, Boston, Mass. Filed May 31, 1924. Serial No. 716,967. 5 Claims. (Cl. 59—55.)



1. A hook adapted to be secured to the end of a cross member of a tire chain, comprising an arm having a rigid reverse bend forming a seat adapted to receive a holding element, an end portion projecting from said rigid seat combining with said arm and reverse bend to form an eye, and a notch formed in said end portion thereby facilitating ready bending of the end portion toward and from said arm to close and open said eye.

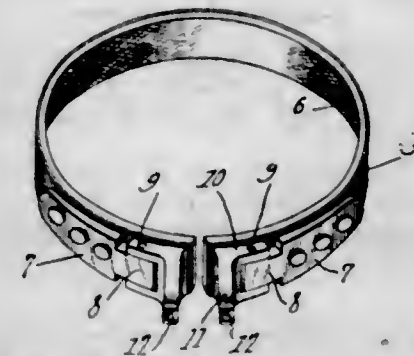
1,644,628. TUMBLER-WASHING MACHINE. SAMUEL C. BENJAMIN, Chicago, Ill. Filed June 27, 1924. Serial No. 722,808. 2 Claims. (Cl. 141—3.)



1. In a tumbler washer, a tank comprising a fluid reservoir and having an open upper end, a cover for the open end of the tank having a drain plate thereon, rods suspended from said cover and drain plate carrying a cylinder having an inlet in the upper side thereof, a piston adapted for reciprocation in said cylinder, a tubular member mounted for vertical sliding movement in said cover and drain plate and secured to and extending through said piston so as to comprise an outlet for said cylinder, spring means disposed around and adapted to urge said tubular member upwardly, said piston being adapted to engage the upper wall of said cylinder to limit said upward movement, and a fluid distributing member carried on the upper end of said tubular member above said cover and drain plate and adapted to receive a tumbler.

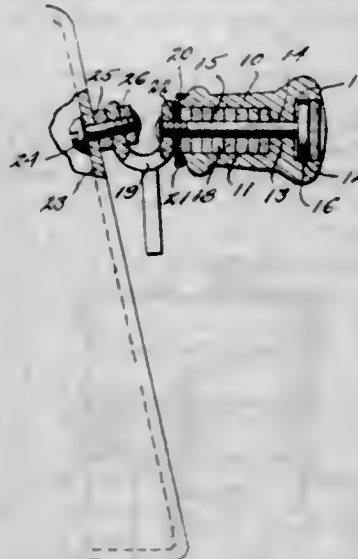
downward movement of said tumbler, distributing member, tubular member, and piston forcing fluid from said reservoir and said cylinder through said tubular member and distributing member against said tumbler.

1,644,629. BRAKE-BAND COUPLING. ELPHEGE F. BENNETT, Seattle, Wash. Filed Dec. 9, 1924. Serial No. 754,812. 1 Claim. (Cl. 188—249.)



In a brake band, a split body portion, fastening members mounted adjacent to the ends of the band, said fastening members having reduced end portions, securing lugs having furcations and having curved portions resting on the band, said furcations adapted to fit on opposite sides of the reduced portions, bolts extending through the reduced end portions and through the furcations to pivotally connect the securing lugs to the fastening members, and said lugs having cut out portions to receive the usual clutch band bolts.

1,644,630. HANDLE. HERMAN CHRISTIAN BINKELE, Tigard, Oreg. Filed Feb. 20, 1926. Serial No. 89,761. 1 Claim. (Cl. 16—118.)

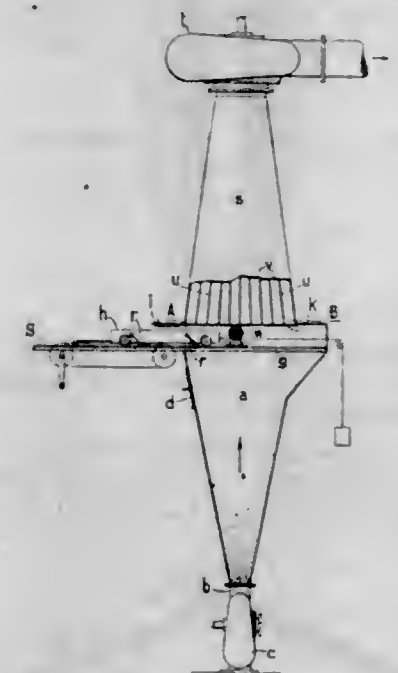


A handle comprising a body having a central bore extending inwardly from one end, a recess at the opposite end and providing a partition between the bore and recess, said partition having a relatively small opening extending through the partition and opening into the bore and recess, a bolt extending through the body, spaced heat insulating disks within the recess to insulate the body from the end of the bolt, apertured heat insulating disks positioned throughout the length of the bore around the bolt, a substantially U-shaped attaching member, heat insulating means between the attaching member and body and heat insulating means between the attaching member and article to which the handle is attached.

1,644,631. APPARATUS FOR THE MANUFACTURE OF MICA PLATES. JOSEF BORER, Breitenbach, near Basel, Switzerland. Filed Apr. 19, 1926. Serial No. 103,145. 2 Claims. (Cl. 154—2.5.)

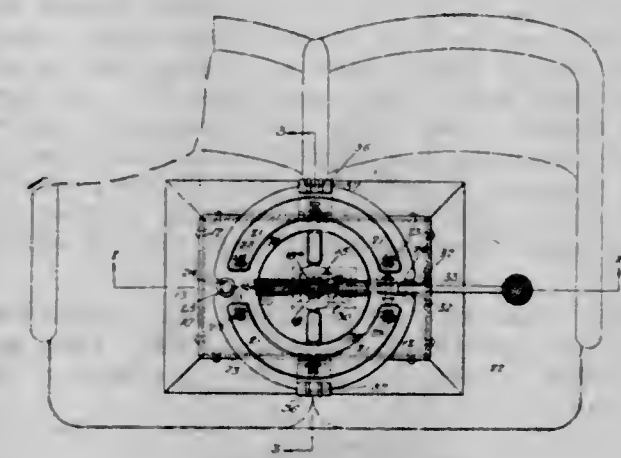
1. An apparatus for the manufacture of mica plates, comprising in combination a mica supplied trunk, means

at its lower end to keep mica flakes in suspension therein, a perforated suction plate at the top of said trunk, a suction trunk arranged above said suction plate, partitions within said suction trunk to subdivide it into a



number of adjacent suction channels uniformly distributed over the suction plate, a suction device mounted at the upper end of the suction trunk, and a movable take-off plate capable of being shifted below the suction plate and pressed against it to take the mica layer therefrom.

1,644,632. CAR SEAT. JAMES A. BROOKS, Kirklyn, Pa., assignor to The J. G. Brill Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Apr. 1, 1927. Serial No. 180,195. 5 Claims. (Cl. 155—98.)

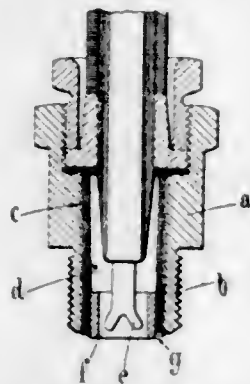


1. The combination in a car seat, of a base having a platform, said platform having a slot therein; a slide having a projection extending into the slot; a pivot pin on the slide; a seat plate mounted on the pivot pin and resting on the platform; a spring tending to force the slide in one direction; a lever for moving the slide in the opposite direction; a pin arranged to lock the seat plate in either of its two positions; and a seat structure secured to the seat plate.

1,644,633. SPARKING PLUG. EDWARD JOHN BUCKINGHAM, Camberwell, London, England. Filed Nov. 12, 1926. Serial No. 148,028, and in Great Britain Nov. 2, 1925. 2 Claims. (Cl. 123—169.)

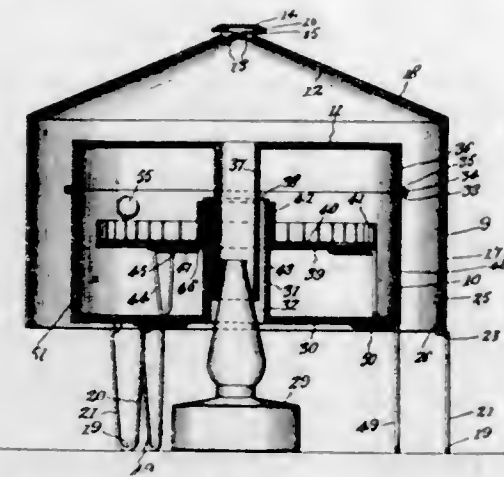
1. A sparking plug comprising an open ended plug casing having a conical bore diminishing towards the outer end thereof, a conical ring fitted into the said bore to project slightly therefrom, the said ring being retained in

place by expanding its outer edge, a layer of insulating material interposed between the casing and ring, and an



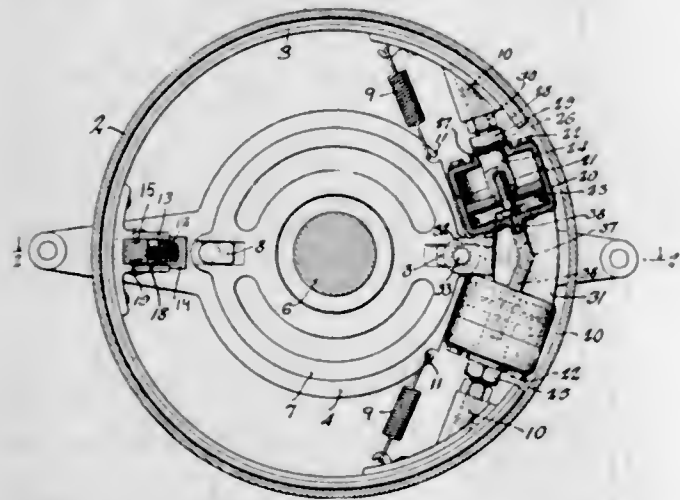
electrode carried by an insulating support in the said plug so as to have its terminal end within the space within the said ring.

1,644,634. INCUBATOR. CORA CAVNER, Ardmore, Okla. Filed Jan. 8, 1926. Serial No. 80,038. 4 Claims. (Cl. 119—39.)



1. An improved incubator comprising an enveloping hood, an incubating casing supported within the hood and provided at its upper wall with out-turned flanges, and at its inner portion with an upstanding hollow column, a cover for said casing having at its outer part an out-turned flange seated upon and centered by the first-named flanges of the casing, and having at its central portion a depending tube entering said hollow column and spaced therefrom to provide a passage for the circulation of air to the interior of the incubating chamber, and heating means disposed below the said tube and column.

1,644,635. BRAKE MECHANISM FOR VEHICLES. NIELS A. CHRISTENSEN, Milwaukee, Wis. Filed Mar. 29, 1924. Serial No. 702,865. 5 Claims. (Cl. 188—152.)



4. In brake mechanism of the class described, the combination with a revoluble brake drum, of a brake within said drum, a wheel support, a pair of individual brake-

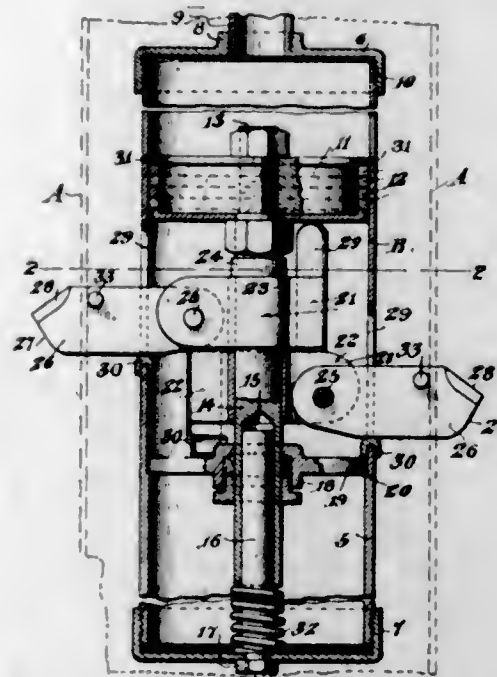
cylinders within the drum and inclined relative to each other, the included inner angle between the axes of the cylinders being less than 180 degrees, a connection between the inner ends of each cylinder forming a supply conduit and also associated with said wheel support to connect said brake cylinders thereto, a fluid-pressure-operated piston in each cylinder and having its piston rod in direct thrust engagement with the brake to move it into braking engagement with said drum, and means to release said brake.

1,644,636. TEMPLET. FRANK CROSS, St. Louis, Mo., assignor of one-half to Thomas M. Hobbs, Carmi, Ill. Filed Feb. 19, 1927. Serial No. 169,591. 1 Claim. (Cl. 33—98.)



A templet of the character described comprising a pair of tongue and grooved body strips superimposed and slotted longitudinally from their center in a manner whereby the slots extend in opposed directions with respect to each other with their outer ends terminating adjacent one end of the strips, said body strips having their tongues arranged in their grooves for slidable movement whereby said strips are mounted for longitudinal movement with respect to each other, a headed bolt normally disposed in the inner ends of said slots and passing therethrough with its head countersunk in one of said strips, a nut on said bolt and adapted for retaining said strips at various positions with respect to each other, apertured heads formed with said strips, a bolt passing through the apertures of said heads, tapered blades having their wider ends pivotally mounted on said bolts, and nuts on the bolts last mentioned for securing said blades at predetermined positions with respect to said strips and each other respectively.

1,644,637. CASING-PERFORATING DEVICE. THEODORE H. DARLING, Long Beach, Calif. Filed Sept. 29, 1926. Serial No. 138,485. 5 Claims. (Cl. 81—188.)



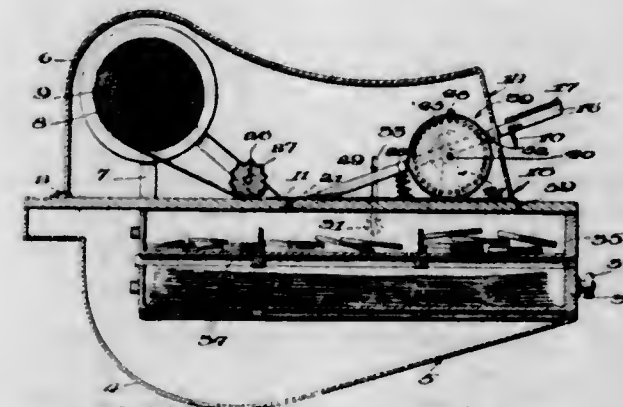
5. In a tool of the character described, a body, a piston reciprocally movable within the body, a fluid supply means opening through one end of the body to effect movement of the piston, a mandrel carried by the piston, means at the other end of the body slidably connected with the mandrel to guide the same in its movement, and perforating blades pivotally connected with the mandrel and working through the body.

1,644,638. HINGE. ANDRÉ JOSEPH DEBRY and JEAN ALFRED DEBRY, Courbevoie, France. Filed Nov. 7, 1924. Serial No. 748,393, and in France Apr. 15, 1924. 3 Claims. (Cl. 16—128.)



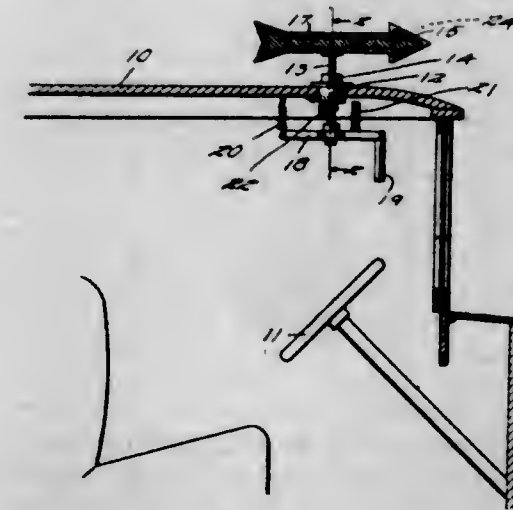
1. A hinge comprising two knuckle members each having a socket in its inner face, a spherical bearing member carried by said members, and means for resiliently securing the bearing member to the knuckles and the knuckles together.

1,644,639. TICKET SELLER. FEDERICO GUILLERMO DIAGO, Habana, Cuba. Filed Mar. 28, 1925. Serial No. 19,148. 7 Claims. (Cl. 211—33.)



1. A ticket seller comprising a cutting blade, a rockable arm carrying the blade and being movable toward a ticket strip to perform a cutting action, a corrugated roller in contact with the strip, and means operated by a receding movement of the arm from the cutting operation to turn the roller and advance the ticket strip preparatory to the next cutting operation.

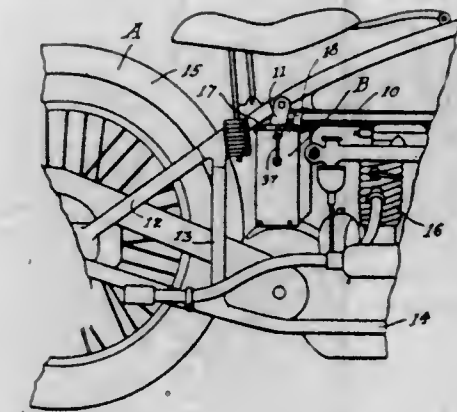
1,644,640. VEHICLE SIGNAL. JAMES PAT FAGAN, La Junta, Colo. Filed Aug. 31, 1926. Serial No. 132,871. 1 Claim. (Cl. 116—47.)



A vehicle signal comprising a bearing, a shaft journaled therein, an oblongate signal element carried at one end of the shaft, a bar carried at the opposite end of the

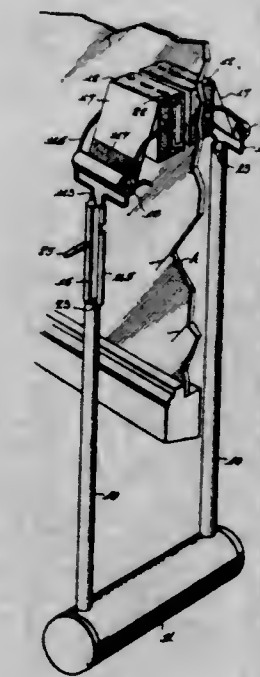
shaft and disposed approximately parallel with said signal element, spring means connected with the bar for holding the shaft at a normal position in the bearing, cushioning members fixed with relation to the bearing, and a stop member carried by the bar and adapted to engage the cushioning members, said cushioning members serving as stops for limiting the turning movement of the shaft in the bearing.

1,644,641. BATTERY BOX. CARL J. BENDER, Minneapolis, Minn. Filed Mar. 30, 1923. Serial No. 628,823. 5 Claims. (Cl. 180—68.5.)



1. In combination with the frame of a motorcycle, a support permanently secured thereto, guideways formed on said support, a battery box, flanges formed on said battery box adapted to be engaged by said support guideways and means for latching said battery box in place on said support.

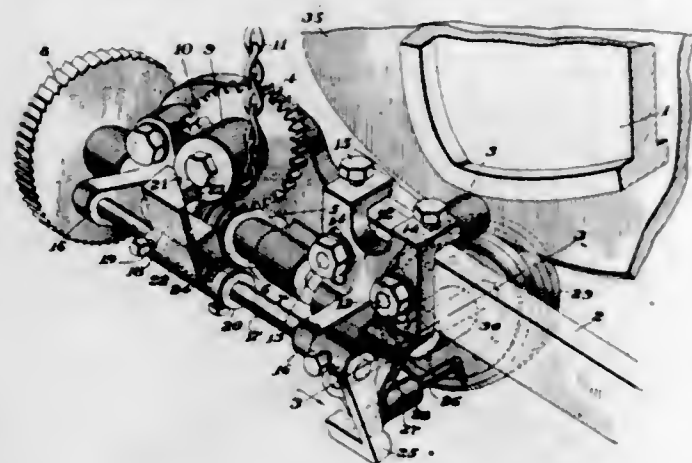
1,644,642. WINDOW CLEANER. KENJI HORIHATA, White Plains, N. Y. Filed Aug. 18, 1926. Serial No. 130,021. 2 Claims. (Cl. 15—220.)



1. A window cleaner including handle members, a cross bar connecting said handles, a cleaning head, a second cleaning head, a yoke carrying said first head, a yoke carrying said second cleaning head, an element pivoted adjacent to the other handle member and carrying said second yoke, latch means to hold the pivoted element adjacent the handle member to which it is pivoted, said latch means

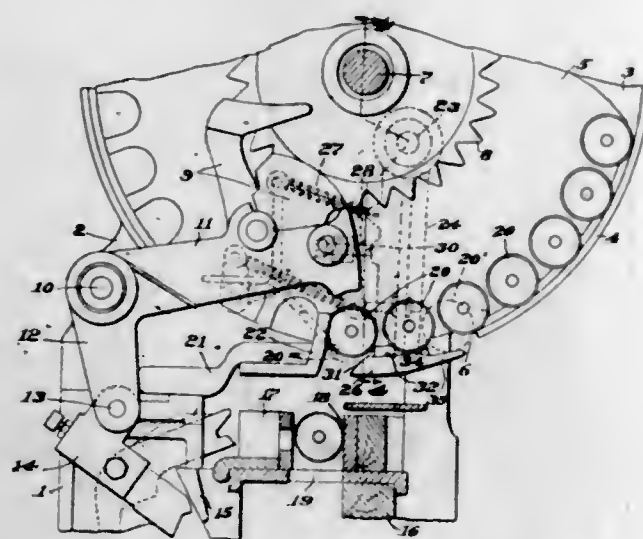
being mounted on said last mentioned handle member, rollers turnably mounted in said yokes and fabric strips wound on said rollers and wrapped about said heads.

1,644,643. BUILDER MECHANISM FOR YARN SPINNING OR WINDING MACHINES. HORACE H. BURDETT, Hopedale, Mass., assignor to Draper Corporation, Hopedale, Mass., a Corporation of Maine. Filed Oct. 21, 1926. Serial No. 143,119. 10 Claims. (Cl. 242—43.7.)



1. In a builder mechanism, the combination of a main building cam, a builder arm having a follower for engagement with the main building cam during main service windings, a rotating bunch builder device, a worm carried by the builder arm for cooperation with said device in building the bunch and moved by the rotating device out of bunch building position on completion of the bunch and means acting independently of the rotating bunch builder device for rotating the worm into a predetermined rotative position when moved out of engagement with and free from the rotating device.

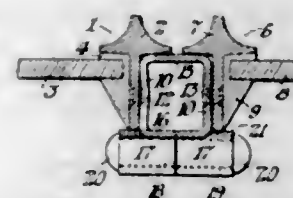
1,644,644. BOBBIN SUPPORT FOR FILLING REPLENISHING LOOMS. EDWARD C. BURNHAM, Hopedale, Mass., assignor to Draper Corporation, Hopedale, Mass., a Corporation of Maine. Filed Mar. 19, 1927. Serial No. 176,709. 6 Claims. (Cl. 139—251.)



1. In a filling replenishing loom, the combination of a rotary hopper for filling carriers, a bobbin guide against which a filling carrier rests when in proper transferring position, a bobbin support which is displaced rearwardly by a filling carrier during transfer and having a bobbin engaging surface for maintaining a bobbin in the hopper

as it is moved to transferring position and a backwardly extending tail the upper surface of which communicates with the bobbin engaging surface by an incline extending upwardly from the tail to act upon a filling carrier as the hopper is rotated to properly position the filling carrier in the hopper.

1,644,645. SASH FRAME. ALBERT LINDSAY DORRING, Germantown, Pa., assignor to J. S. Thorn Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Jan. 19, 1923. Serial No. 613,664. 3 Claims. (Cl. 189—69.)



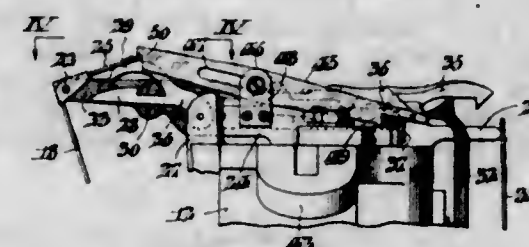
1. A pivotal sash mounting comprising a wrought metal channel bar, having a plane web, provided with means for attaching it to a muntin bar, and two plane flanges extending at right angles to said web, one of said flanges being wider than the other, and a cylindrical tubular pintle bearing formed of the metal of said wider flange, curled outwardly, with the axis of said bearing parallel with the planes of said flanges and at right angles to the plane of said web; said bearing being of less axial extent than said wider flange and flush with the free edge of the latter.

1,644,646. FIRE-RESISTING CURTAIN. RALPH H. GREGOR, Columbus, Ohio, assignor to The Kinnear Manufacturing Company, Columbus, Ohio, a Corporation of Ohio. Filed Jan. 9, 1923. Serial No. 611,595. 3 Claims. (Cl. 189—58.)



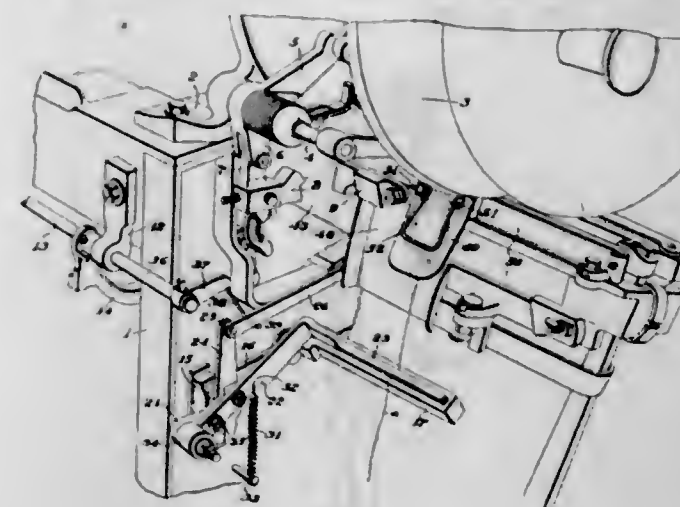
1. In combination with a rolling fire resisting curtain for a building, a curtain operating cable attached to the lower portion of the curtain and extended over the front thereof, said cable containing thermally controlled means for releasing its connection with the curtain in case of fire, and means whereby said cable may be secured to hold the curtain in raised position.

1,644,647. STOP MOTION FOR LOOMS. AARON R. JONES, Millville, N. J., assignor to Millville Manufacturing Company, Millville, N. J., a Corporation of New Jersey. Filed May 15, 1926. Serial No. 109,212. 5 Claims. (Cl. 139—377.)



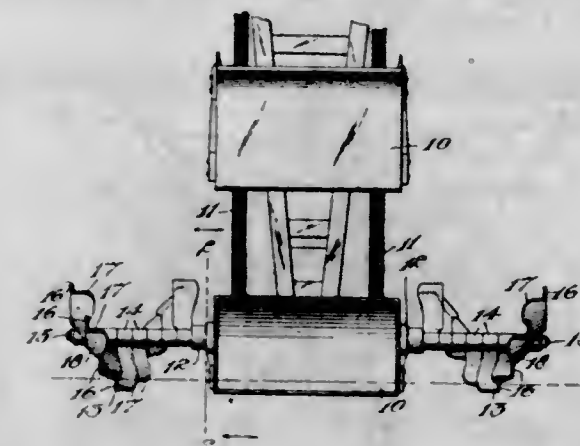
1. In an automatic loom comprising filling replenishing mechanism, a belt shipper handle, a filling detector cooperative with a grid on the lay, and interposed means determining successive operations of the filling replenishing mechanism previous to tripping of the belt shipper to stop the loom, the combination of thrust means carried by the loom breast beam and operative to trip the belt shipper handle in the event of an abnormal obstruction other than the filling before the grid without entailing actuation of the filling replenishing mechanism aforesaid.

1,644,648. WEFT-END CLEARER FOR WEFT-REPLENISHING LOOMS. PATRICK KEEGAN, Fall River, Mass., assignor to Draper Corporation, Hopedale, Mass., a Corporation of Maine. Filed Nov. 24, 1926. Serial No. 150,542. 14 Claims. (Cl. 139—201.)



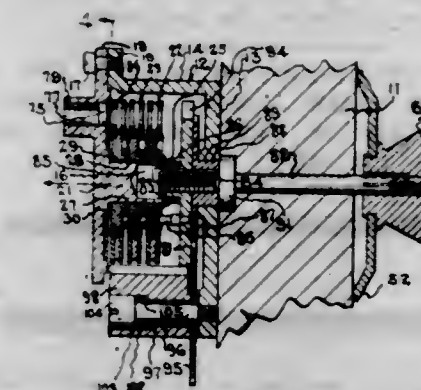
1. A weft clearing device for weft replenishing looms, comprising a fixed weft clamping member having a weft clamping portion extending in a direction transversely of the loom in front of the lay, a movable clamping member having a weft clamping portion substantially parallel to the weft clamping portion of the fixed clamping member, means actuated by frontward movement of the lay for lifting the movable clamping member in a vertical direction away from the weft clamping portion of the fixed clamping member in parallel relation on call for replenishment to permit the discharged weft carrier to pass between the open jaws thus formed by the two clamping portions, and means for moving the movable clamping portion of the movable clamping member downwardly towards and into engagement with the clamping portion of the fixed clamping member after the discharged weft carrier has passed between said clamping portions to clamp and positively hold the weft between the shuttle and discharged weft carrier.

1,644,649. CONVEYER. EDWARD J. LAMY, Elizabeth, N. J.; Joseph T. Hague executor of said Edward J. Lamy, deceased. Filed Mar. 15, 1926. Serial No. 94,633. 4 Claims. (Cl. 198—9.)



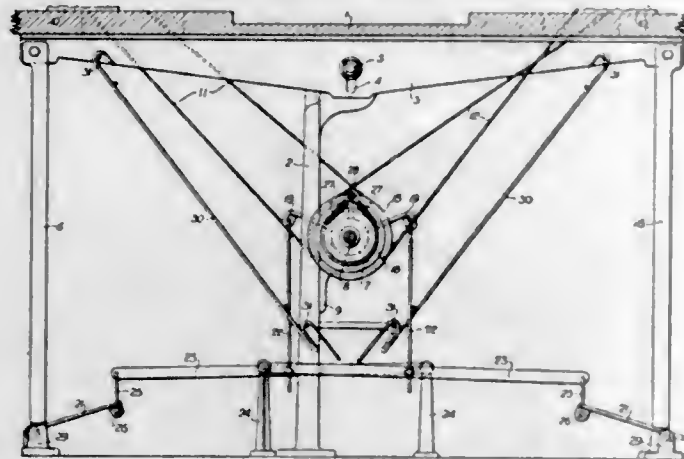
1. A conveying apparatus comprising a rotatable conveyor formed so as to provide an open-ended helical trough and having its circumferential edge adapted to engage and lift material into the trough.

1,644,650. COMBINATION-LOCK MECHANISM. PAUL S. MILLICE, Hamilton, Ohio, assignor to Herring-Hall-Marvin Safe Company, New York, N. Y., a Corporation of New York. Filed Apr. 9, 1926. Serial No. 100,804. 4 Claims. (Cl. 70—53.)



1. In a combination lock, the combination of a casing, a series of tumblers whose axes of rotation are coincident located in said casing, each of said tumblers comprising a pair of relatively adjustable members and adjusting means therefor for setting said tumbler, each of said tumblers provided at one face thereof with an inner flange and an outer flange forming a facial groove between them, said outer flange provided with a space, and a fly-ring in said groove having a bearing about said inner flange and provided with a fly in said space in said outer flange, and a driving wheel in the front portion of said lock, said driving wheel and said respective tumblers provided with pins respectively coacting with said flies and constructed and arranged whereby the tumbler most distant from said driving wheel is first positioned and the tumblers successively nearer said front portion of said lock are successively positioned whilst manipulating said tumblers for unlocking relation thereof, said tumblers provided with key receiving means, and constructed and arranged for successively aligning said key receiving means by manipulation of said tumbler rotating mechanism beginning with the key receiving means farthest removed from said front portion of said lock whereby a key is successively insertable in said key receiving means of said respective tumblers beginning with the tumbler farthest removed from said driving wheel and progressing through successive tumblers toward said front portion of said lock.

1,644,651. DRIVING AND SUPPORTING MEANS FOR SEWING MACHINES AND THE LIKE. ARTHUR BEDWARD SPENCER and FRANK EDWARD WALKER, Hucksall Torkard, England, assignors to George Spencer, Lutterworth, Leicestershire, England. Filed Jan. 17, 1925, Serial No. 3,114, and in Great Britain Feb. 4, 1924. 4 Claims. (Cl. 74-21.)



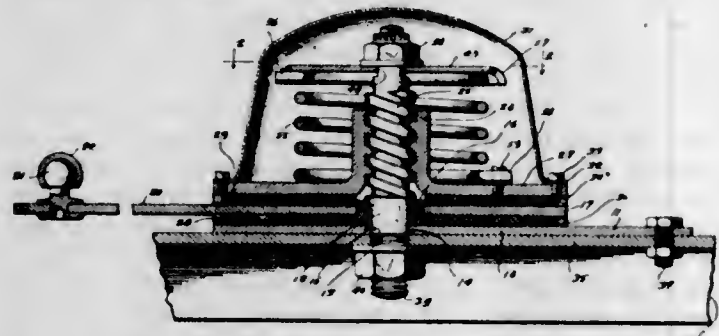
2. Driving means for a double row of sewing or like machines arranged on a bench supported by central upright standards, comprising bearings on said standards, a single high-speed shaft carried by the bearings, sleeves slidable in said bearings, pulleys freely mounted on the sleeves, brake discs combined with the bearings for arresting rotation of the pulleys, means for normally holding the pulleys against the brake discs, driving clutch members on the shaft, treadles and intermediate connections for moving the pulleys into engagement with said clutch members, and belts for transmitting the drive direct from the pulleys to the machines.

1,644,652. WATERPROOF COVERING AND PROCESS OF MAKING SAME. LESTER KIRSCHBRAUN, Chicago, Ill. Filed May 28, 1920. Serial No. 384,900. 7 Claims. (Cl. 154-40.)



4. A process of making a waterproof covering consisting in forming a plurality of bituminous saturated felted fibrous plies adhesively applying comminuted reinforcing particles to one face of each ply, uniting the faces of the plies to which said comminuted particles are embedded by means of a bituminous binder and forcing the plies together so that the angular projections of the comminuted particles of one ply will enter the interstices between the comminuted particles of the other ply, thus producing a product having inherent structural stiffness.

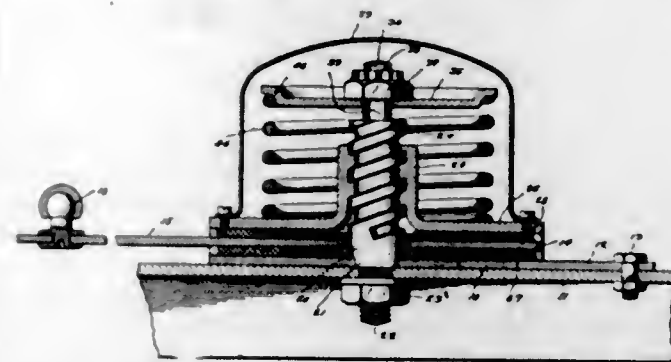
1,644,653. SHOCK ABSORBER FOR VEHICLES. HAROLD D. CHURCH, Fairfield, Conn., assignor of one-third to Charles Marcus, New York, N. Y., and one-third to Raymond P. Lansing, Montclair, N. J. Filed Feb. 15, 1923, Serial No. 619,157. Renewed Mar. 3, 1927. 14 Claims. (Cl. 267-9.)



1. A vehicle-spring-action controlling appliance, comprising relatively movable friction members, spring means

exerting a combined thrust and torsional effect tending to urge said members to frictional engagement, and frictionally operated means acting to amplify the spring effect in one direction of relative movement of said members and to reduce the spring effect in the other direction of relative movement.

1,644,654. SHOCK ABSORBER FOR VEHICLES. HAROLD D. CHURCH, Fairfield, Conn., assignor of one-third to Charles Marcus, New York, N. Y., and one-third to Raymond P. Lansing, Montclair, N. J. Filed Feb. 15, 1923, Serial No. 619,158. Renewed Mar. 3, 1927. 11 Claims. (Cl. 267-9.)



1. A vehicle-spring-action-controlling appliance comprising two relatively movable friction members, a compression spring tending to urge the members into frictional engagement, and frictionally actuated means acting in one direction of relative movement of the members to amplify the frictional effect, and acting in the other direction of movement to reduce the frictional effect of the spring means.

1,644,655. WINDOW. DAVID B. WHISTLER, Dayton, Ohio. Filed Oct. 15, 1925. Serial No. 62,515. 22 Claims. (Cl. 20-42.)



1. A window including in combination with the frame, a sash operable vertically and angularly relative to said frame, a guide for the sash interposed between an edge thereof and the adjacent jamb of said frame, pivoted near its lower end on said jamb and connected slidably with said sash.

1,644,656. POWER-TRANSMISSION CHAIN. WARREN J. BELCHER, Hartford, Conn., assignor to The Whitney Mfg. Company, Hartford, Conn., a Corporation of Connecticut. Filed Feb. 21, 1925. Serial No. 10,823. 4 Claims. (Cl. 74-32.)

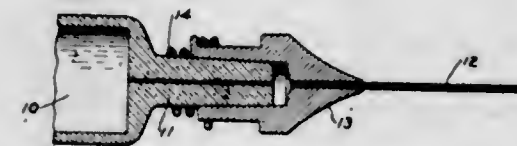
1. In a silent chain, the combination of a plurality of overlapping links, having substantially circular aper-

tures in their ends, two-part pintles for the joints, one of said parts having a convex surface and the other part having a concave surface cooperating therewith and a



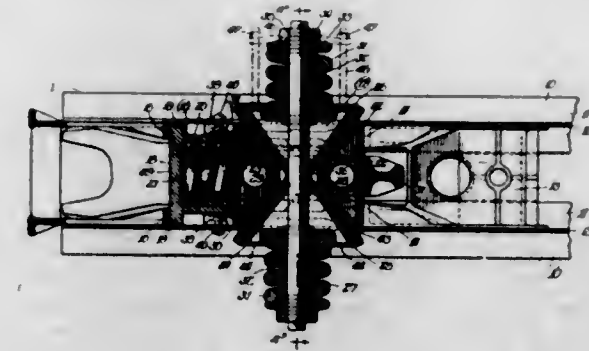
single eccentric portion in each link aperture forming a socket connection with pintle parts and acting to maintain the links and pintle parts in proper relation.

1,644,657. HYPODERMIC NEEDLE. GEORGE N. HEIN, San Francisco, Calif. Filed Oct. 12, 1925. Serial No. 61,877. 5 Claims. (Cl. 128-221.)



1. A hypodermic needle having a base provided with a smooth bore socket to receive the nipple of a syringe, the end of said base being formed with an axially projecting portion, and a circumferentially projecting portion arranged on the axially projecting part.

1,644,658. DRAFT GEAR. ALFRED H. OELKERS, Chicago, Ill., assignor to American Steel Foundries, Chicago, Ill., a Corporation of New Jersey. Filed Nov. 22, 1926. Serial No. 149,811. 26 Claims. (Cl. 213-38.)



1. In a railroad draft appliance, a car sill comprising a pair of spaced beams having openings through their web portions, a friction gear comprising two lateral wedges and two longitudinal wedges positioned between and extending beyond said beams through said openings, said wedges having friction surfaces initially in contact throughout their entire working areas.

THE OFFICIAL GAZETTE

OF THE
United States Patent Office.

Vol. 363—No. 2.

TUESDAY, OCTOBER 11, 1927.

Price—\$10 per year.

The OFFICIAL GAZETTE is mailed under the direction of the Superintendent of Documents, Government Printing Office, to whom all subscriptions should be made payable and all communications respecting the Gazette should be addressed. Issued weekly. Subscription, \$10.00 per annum; including annual indexes, \$11.50; single numbers, 25 cents each. PRINTED COPIES OF PATENTS are furnished by the Patent Office at 10 cents each. For the latter, address the Commissioner of Patents, Washington, D. C. CIRCULARS OF GENERAL INFORMATION concerning PATENTS or concerning TRADE-MARKS, PRINTS, and LABELS will be sent without cost on request to the Commissioner of Patents, Washington, D. C.

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Total.....	1,200

Classification Bulletin No. 58.

Classification Bulletin No. 58 is now on sale at 10 cents per copy.

Interference Notice.

U. S. PATENT OFFICE, Washington, Sept. 28, 1927.

The heirs, assigns, or legal representatives of William O. Walker, deceased, take notice:

An interference has been declared by this Office between the applications for patent of William C. Walker, 1430 Cherry Avenue, Long Beach, Calif.; Thomas M. Hardesty, 3016 East Seventh Street, Long Beach, Calif.; Archie A. MacDonald, care of Hughes Tool Company, Los Angeles, Calif.; Fred Mahaffey, 112 Magnolia Avenue, Long Beach, Calif.; and Harry P. Wickersham, care of Basah Ross Tool Company, Box 1110 Arcade Station, Los Angeles, Calif. The Office having been notified of the death of Walker, a time was set within which the legal representatives of Walker should intervene. This time having expired and no response having been made on behalf of the heirs, assigns, or legal representatives of Walker, notice is hereby given that unless said heirs, assigns, or legal representatives shall enter an appearance therein within 30 days from the first publication of this order the interference will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

WM. A. KINNAN,
First Assistant Commissioner.

Notice of Cancellation.

U. S. PATENT OFFICE, Washington, June 23, 1927.

Robert Groppler, his assigns or legal representatives, take notice:

A cancellation proceeding having been instituted by this Office upon the application of Lysol, Incorporated, of Bloomfield, N. J., to effect the cancellation of the trade-mark registration of Robert Groppler, of 7 Motz Street, Berlin, Germany, No. 34,878, dated July 10, 1900, and the notice of such proceeding sent by registered mail to the said Groppler at the said address having been returned by the post-office as undeliverable, notice is hereby given that unless said Groppler, his assigns or legal representatives, shall enter an appearance therein within thirty days from the first publication of this order the cancellation will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

WM. A. KINNAN,
First Assistant Commissioner.

Changes in Classification.

Order No. 3,024, September 26, 1927, directs:

In class 29, *Metal Working* (Division 14), establish the following subclass and definition, the patents contained therein having been taken for the most part from class 29, subclass 28.5, Special work, Turbine-blade making:

Blanks and processes

156.8 Impellers.

156.8. BLANKS AND PROCESSES, IMPELLERS.
Blanks and processes for forming rotors for turbines, fans, pumps, and the like.

In class 29, *Metal Working* (Division 13), change the title of subclass 23.5, Special work, Turbine-blade making, to read

Special work

23.5 Impeller making.

abolish the existing definition, and establish in lieu thereof the following definition:

Machines and machine methods for forming rotors for turbines, fans, pumps, and the like.

Disclaimer.

1,517,363.—Robert Kauch and Charles L. Paulus, Dayton, Ohio. RING SIGHT FOR FIREARMS. Patent dated December 2, 1924. Disclaimer filed September 27, 1927, by the patentees.

Hereby enter this disclaimer to claims of said patent numbered 2 and 6 and concede originality to Walter G. McNeill and Robert Kauch, jointly, as set out by them in application Serial No. 579,631, filed August 4, 1922, for improvement in adjustable ring sight.

Condition of Applications Under Examination at Close of Business September 30, 1927.

Room No.	(Total number of applications awaiting action, excluding Trade-Mark Division, 71,256; Trade-Mark Division, 1,849. Oldest new case, Feb. 4, 1927; oldest amended, Jan. 28, 1927. The dates given are 1927.)	DIVISIONS, EXAMINERS, AND SUBJECTS OF INVENTIONS.		Oldest new application and oldest action by applicant awaiting office action.		No. of applications awaiting action.
				New.	Amended.	
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241*	54. LANE, C. H., Electric Lamps; Conductors; Vapor Electric Devices; Space Discharge Tubes.....	Feb. 7	Jan. 28	1,940		
102	55. RICHARD, V. I. (Acting).....	Mar. 7	Mar. 12	735		
	(Bread, Pastry, and Confection Making; Cutlery.....	Aug. 12	Aug. 17	670		
	(Designs.....	Aug. 30	Sept. 19	1,649		
163	TRADE-MARKS, LABELS, AND PRINTS: F. A. RICHMOND (Trade-Marks, Labels and Prints.....	Sept. 1	Sept. 21	200		

* Refers to room numbers in the annex.

DECISIONS IN PATENT AND TRADE-MARK CASES.

Supreme Court of the United States.

OVERLAND MOTOR COMPANY v. PACKARD MOTOR CAR COMPANY AND WIRE WHEEL CORPORATION OF AMERICA.

Decided May 31, 1927.

1. INVENTION—ABANDONMENT—FILING NEW APPLICATION AFTER FINAL REJECTION IS NOT.

Where C., who prosecuted his application filed in 1901 to a final rejection of certain claims on May 20, 1911, canceled those claims on May 17, 1912, and on August 6, 1912, filed a new application containing claims to the same subject matter, the patent on the first application issued in 1913 and that on the second in 1914, *Held* that these facts do not establish an abandonment by C. of the invention of the later patent.

2. APPLICATION—DIVISIONAL—FILED AFTER FINAL REJECTION—PATENT OFFICE NEED NOT CONSIDER.

Where the Patent Office did not require division, but applicant canceled the finally-rejected claims and presented claims to the same subject matter in a new application, *Held* "It is quite true that after such rejection the Commissioner of Patents might have refused to consider his divisional application as he made it without suggestion or consent by the Patent Office. In a qualified and limited sense a claim rejected as this was constitutes *res judicata* in favor of the Government and against the applicant."

3. SAME—SAME—SAME—WAIVER BY PATENT OFFICE.

Where a patent was granted on a divisional application containing claims directed to the subject matter of claims finally rejected in a prior application without any requirement of division, *Held* "as the Patent Office by granting the patent must be held to have waived any objection to the applications on the ground that the claim allowed had been rejected before by that Office, there is no reason why the appellees below should not be allowed to avail themselves of the waiver."

4. SUIT IN EQUITY—PROSECUTION OF APPLICATION—REPEATED DELAY UNTIL END OF YEAR IN AMENDING—NOT GROUND FOR DISMISSING BILL.

Where, in prosecuting an application for patent, the applicant waited in each instance until the end of the year allowed by statute to amend, *Held* that a bill of complaint brought on the patent can not be dismissed "for want of equity" because of "long pendency in the Patent Office."

ON CERTIFICATE from the United States Circuit Court of Appeals for the Seventh Circuit.

Mr. Melville Church for Overland Motor Co.

Mr. Frank Parker Davis and Mr. Reeve Lewis for Packard Motor Car Co. and Wire Wheel Corporation of America.

Mr. Chief Justice TAFT delivered the opinion of the Court.

This case comes from the Circuit Court of Appeals of the Seventh Circuit, upon a certificate of two questions for our consideration and answer. (Sec. 239 of the Judicial Code as amended by act of Jan. 13, 1925, ch. 229, 43 Stat. 936.) The suit is one in which the Packard Motor Car Company and the Wire Wheel Corporation seek to enjoin an alleged infringement by the Overland Motor Company of the Cowles patent, No. 1,103,567, issued to Cowles on July 14, 1914, and owned by them. On August 25, 1890, Cowles filed an application which

was duly granted July 13, 1900. His application disclosed the matter in suit. The Patent Office, however, required a division of claims, and he canceled all claims as well as the description and drawing in the specification that supported such claims bearing upon the subject matter of the present controversy. In that case the patent as granted covered merely the remaining claims. September 6, 1901, he filed another application, not a divisional application, disclosing and claiming, among other things, the subject matter in suit. This was pending in the Patent Office until January 21, 1913, when a patent issued for it. Certain claims made by him were repeatedly rejected by the Patent Office. Cowles complied with the requirements of section 4894, Revised Statutes, requiring an applicant to reply to the action of the Patent Office within a year, but on seven different occasions he delayed more than 11 months before filing his response to the Patent Office ruling. On May 20, 1911, the Patent Office finally rejected the only claim remaining in the application which was directed to the subject matter in issue, holding that it was unpatentable on certain references. On May 17, 1912, Cowles canceled this finally rejected claim from his application, stating his intention to file a divisional application covering the subject matter of this claim. No such divisional application had ever been directed or suggested by the Patent Office. A patent was then (Jan. 21, 1913) issued on other claims without any claim to the subject matter in issue. On August 6, 1912, Cowles filed an application for a patent which he stated was a division of the application filed September 6, 1901, and which disclosed and sought the claims in issue. The patent in suit was then issued on this application on July 14, 1914. During its pendency in the Patent Office, Cowles complied with the requirements of section 4894, Revised Statutes, although on one occasion he delayed over 11 months before responding to the Patent Office action. During the period from 1905 to 1912 trade journals of the United States and Great Britain published articles disclosing the subject matter in issue, and certain British patents were granted, on subjects relating to such subject matter. The publications and patents represented independent work in Great Britain, and, as a result thereof, there was actual use of the subject matter in suits abroad during the pendency of the original and divisional applications above referred to. No product embodying the subject matter of the claims in suit appeared upon the market in the United States prior to the issuing of the patent in suit. Upon these facts, the first question certified is as follows:

Did the applicant, in canceling the claim which was finally rejected on May 20, 1911, abandon such claim or estop himself from thereafter seeking it through a new application?

We do not find in the statement of facts any circumstances which can be held to be an abandonment by Cowles of his claim for which he subsequently secured this patent. On May 20, 1911, the claim was rejected on account of its nonpatentability in view of certain references. On May 17, 1912, he canceled the claim, stating at the time that it was his intention to file a divisional application covering this subject matter. After he had done this, on August 6, less than four months after the cancellation, he filed the claim as a divisional application under the earlier case, and this new application, with the renewed claim, went to patent on July 14, 1914. We can not see why he was estopped by his failure to appeal from the final rejection. It is quite true that after such rejection the Commissioner of Patents might have refused to consider his divisional application as he made it without suggestion or consent by the Patent Office. In a qualified and limited sense a claim rejected as this was constitutes *res judicata* in favor of the Government and against the applicant. This is fully explained by Judge Morris in *In re Barratt's Appeal*, 14 App. D. C. 255, in speaking of a case presenting a similar question:

While the rules that govern the finality and conclusiveness of adjudication at the common law do not apply, in the strict sense, to administrative or quasi-judicial action in the executive department of Government, yet in administrative action, as well as in judicial proceeding, it is both expedient and necessary that there should be an end of controversy. Sometimes, the element of finality is inherent in the nature of the action taken; as, for example, when Letters Patent have been granted, they may not be recalled, and the rights of the parties holding them again investigated. Where rights have become vested as the result of legitimate executive action such action is necessarily final, and it is not competent thereafter for executive action to divest them, either by way of a review of the proceedings or by any new proceedings instituted with that view. Especially is this principle applicable to the proceedings of the Patent Office, which are so nearly akin to judicial proceedings as to be most appropriately designated as quasi-judicial.

Following then the analogy he finds that such a case as this may constitute *res judicata* in a sense, but he qualifies the statement in this important way:

In what we have said we do not desire it to be understood, that the Patent Office may not, if it thinks proper to do so, entertain and adjudicate a second application for a patent after the first application has been rejected. What we decide is, that it is not incumbent upon the Office as a duty to entertain such applications, and that, if it refuses to entertain them, it has a perfect legal right so to do. An applicant is not legally aggrieved by such refusal.

This qualification is approved in the case of *In re Fay*, 15 App. D. C. 517; *In re Edison*, 30 App. D. C. 321, 323; and in *Gold v. Gold*, 34 App. D. C. 229.

As the Patent Office by granting the patent must be held to have waived any objection to the applications on the ground that the claim allowed had been rejected before by that Office, there is no reason why the appellees below should not be allowed to avail themselves of the waiver. We answer the first question in the negative.

Second: The second question was as follows:

In the absence of any other excuse for lapse of time between patent applications and responses thereto than that the applicant was exercising a statutory right (Rev. Stats., sec. 4894, as amended setting limit of one year for response) may the bill

of complaint be dismissed for want of equity because of long pendency in the Patent Office?

We think that under the decision of this Court in *United States v. American Bell Telephone Company*, 167 U. S. 224, and *Chapman v. Wintroath*, 252 U. S. 126, this question must also be answered in the negative.

By section 12 of the act of 1861 (12 Stat. 246), it was required that all applications for patent should be completed and prepared for examination within two years after the filing of the petition, and in default thereof, were to be regarded as abandoned by the parties thereto, unless shown to the satisfaction of the Commissioner of Patents that such delay was unavoidable. There was no provision limiting the time of the prosecution of the application in this section. By the act of 1870 (16 Stat. 198), it was provided, in section 32, that all applications for patent should be completed and prepared for examination within two years after the filing of the petition, and in default thereof, or upon failure of the applicant to prosecute the same within two years after any action herein, of which notice shall have been given to the applicant, they should be regarded as abandoned by the parties thereto, unless shown to the satisfaction of the Commissioner that such delay was unavoidable. This provision of the act of 1870 was carried into the Revised Statutes as section 4894, and so the statute stood until 1897 when by 29 Stat. 693, section 4894 was amended as follows:

All applications for patent shall be completed and prepared for examination within one year after the filing of the application, and in default thereof, or upon failure of the applicant to prosecute the same within one year after any action therein, of which notice shall have been given to the applicant, they shall be regarded as abandoned by the parties thereto, unless it be shown to the satisfaction of the Commissioner of Patents that such delay was unavoidable.

Counsel for the alleged infringer says that even with the time limit for action on the part of the applicant thus reduced to one year, it becomes easily possible for an applicant, after an action by the Patent Office upon his application, to delay for the full period of a year his response to such action, and however promptly the Patent Office may again act, he can delay another full year before replying to it, and thus, by waiting a year after each official action, (1) keep his application pending so as to enable him to withhold, indefinitely, his invention from the public, (2) add claims to his application covering the independent intervening developments of others, and (3) postpone the time when the public may enjoy the free use of the invention—all contrary to sound public policy.

The answer to this argument is that the matter is entirely within the control of Congress, and in order to avoid the evil suggested, Congress may reduce the time within which one who is seeking an adjustment with the Patent Office in order to obtain a patent shall act upon receipt of notice of a decision of the Patent Office in the course of the application through that Office. Congress, as we have seen by the history of the statute, reduced this time from an indefinite period in 1861 to two years in 1870, and to one year in 1897, and, as

provided in the last Congress to six months. (Public act No. 690, 69th Congress, approved March 2, 1927.)

During the pendency of the application in this case, the period allowed was one year. We do not know on what principle we could apply the equitable doctrine of abandonment by laches in a case where the measure of reasonable promptness is fixed by statute and no other ground appears by reason of which laches could be imputed to the applicant.

In *United States v. American Bell Telephone Company*, 167 U. S. 224, the Government brought a proceeding in equity to cancel a patent on the ground that it had been fraudulently secured, and part of the fraud of the patentee was that he had unreasonably delayed the obtaining of the patent by collusion with officials of the Department through their nonaction and thus postponed the period during which the monopoly of the patent was to continue. The Court found no evidence of any collusion or fraud by the officials of the Department or undue or improper influence exerted or attempted to be exerted upon them. It said that Congress had established a department with officials selected by the Government, to whom all applications for patents must be made, had prescribed the terms and conditions of such applications and intrusted the entire management of affairs of the Department to those officials, that when an applicant for a patent complied with the terms and conditions prescribed and filed his application with the officers of the Department, he must abide their action and could not be held to suffer or lose rights by reason of any delay on the part of those officials. The Court said:

Neither can a party pursuing a strictly legal remedy be adjudged in the wrong if he acts within the time allowed, and pursues the method prescribed by the statute. . . . Under section 4886, Revised Statutes, an inventor has two years from the time his invention is disclosed to the public within which to make his application, and unless an abandonment is shown during that time he is entitled to a patent, and the patent runs as any other patent for seventeen years from its date. He can be deprived of this right by proof that if he had filed his application immediately after the invention the patent would have been issued two years earlier than it was, and the public, therefore would have come into possession of the free use of the invention two years sooner. The statute has given this right, and no consideration of public benefit can take it from him. His right exists because Congress has declared that it should. . . . A party seeking a right under the patent statutes may avail himself of all their provisions, and the courts may not deny him the benefit of a single one. These are questions not of natural bent but of purely statutory right. Congress, instead of fixing seventeen, had the power to fix thirty years as the life of a patent. No court can disregard any statutory provisions in respect to these matters on the ground that in its judgment they are unwise or prejudicial to the interests of the public.

The case of *Chapman v. Wintroath*, 252 U. S. 126, was an attempt in an interference suit to defeat a patent granted to the Chapmans on a divisional application for an improvement in deep-well pumps in which the claims were the same as the claims of a patent to Wintroath, the divisional application having been made 20 months later than the date of the issue of the patent to Wintroath. It was conceded that the claims had been disclosed in the Chapman patent which had been applied for in

1909 but which had met unusual difficulties in the Patent Office and though regularly prosecuted as required by law and the rules of the office, was still pending without having been passed to patent in 1915 when the controversy arose. It was admitted that the invention was clearly disclosed in the parent application of the Chapmans, but it was contended that their divisional application claiming the discovery should be denied because of their delay of nearly 20 months in filing it after the publication of Wintroath's patent when they had by law only one year. It was held by the Court of Appeals of the District (*Wintroath v. Chapman*, 47 App. D. C. 428) that the delay of more than a year constituted equitable laches and estopped the Chapmans from making its divisional claim. That holding had rested on a previous decision by the court of appeals in *Rountree v. Sloan*, 45 App. D. C. 207. This Court held that under section 4886 of the Revised Statutes, as amended March 3, 1897, two years was granted in such a case before the right to file a divisional application had been lost. The Court based its decision that the statutory period could not be reduced by equitable considerations or those of public policy on the language which we have just quoted from Mr. Justice Brewer in his opinion in the Telephone case. The same doctrine is to be found in *Crown Cork & Seal Company v. Aluminum Company*, 108 Fed. 845, and *Columbia Motor Car Company v. Duerr & Company*, 184 Fed. 893.

The case of *Woodbridge v. United States*, 263 U. S. 50, is cited by counsel for the defendant to sustain their view that this is a case in which the doctrine of laches and abandonment may be enforced. The Woodbridge case was an exceptional one. Woodbridge had deliberately delayed the issue of the patent which he could have had for the asking for nine years. He had directed the Patent Office to keep the papers upon which such issue might have been granted in the secret archives of the Patent Office, there to remain for one year, a privilege which was given him under the law as it then existed. He failed after the one year to apply for the patent for the reason, because as he avowed in subsequent application, he wished thereby to postpone the period of its monopoly until a national emergency might arise in which his invention, which was for rifling cannon, should be more in demand than it then was. He was denied a patent for failure to comply with the statute. Subsequently he secured special legislation imposing the condition that he should be granted the patent, provided the court should first be satisfied that he had not forfeited or abandoned his right to a patent by publication, delay, laches, or otherwise. This Court held that the delay of nine years for the avowed purpose of postponing the period of the monopoly was laches and a breach of the condition upon which he might avail himself of the special congressional privilege granted him. Such a case has certainly no application here. The answer to the question should be in the negative.

Court of Appeals of the District of Columbia.

BLEK CO., MFGRS., v. MISHAWAKA RUBBER AND WOOLEN MFG. COMPANY.

No. 1911. Decided March 7, 1927.

TRADE-MARKS—GOODS—SOCKS AND GARTERS—SAME DESCRIPTIVE PROPERTIES.

Garters Held to be of the same descriptive properties as socks and registration of a mark for use on garters Held properly refused in view of prior use of that mark by another party on socks.

APPEAL from the Patent Office. Affirmed.

Mr. Ralph Kalish for Blek Co., Mfgs.

Mr. E. W. Shepard and Mr. Eugene M. Giles for Mishawaka Rubber and Woollen Mfg. Company.

Before MARTIN, Chief Justice, and ROBB and VAN ORSDER, Associate Justices.

ROBB, J.:

Appeal from concurrent decisions of the tribunals of the Patent Office, in a trade-mark interference proceeding, refusing registration to the appellant.

Long prior to the adoption by appellant of the mark consisting of the words "Red Dot" with a circular spot between, for use on men's, boys', children's and women's garters, appellee had widely used a similar mark on rubber boots, overshoes, woolen boots and socks. The Patent Office found, and we concur in the finding, that the use of deceptively similar marks on socks and garters would be likely to cause confusion in trade and mislead purchasers. *Wolf & Sons v. Lord & Taylor*, 41 App. D. C. 514.

The decision is affirmed.

Affirmed.

Patent Suits.

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922.]

1,022,140. C. Hubert. Portable lighter, filed Aug. 20, 1927, D. C., S. D. N. Y., Doc. E 43/28, *M. E. Bernhardt Co., Inc. v. R. Gans (The Randes Importing Co.)*.

1,041,585. C. P. Borton. Sewing machine, filed Aug. 26, 1927, D. C., N. D. N. Y., Doc. 1126, *Willcom & Gibbs Sewing Machine Co. v. Union Special Machine Co.*

1,045,127. Denitz & Jacobs. Door holder, 2d. Cir., Doc. 9481, *A. M. Gallinger et al. v. J. H. Hawkins, Inc.* Decree reversed (notice dated Aug. 23, 1927).

1,139,427, 1,140,354. R. B. Llopert. Inalterable white product, appeal filed Aug. 24, 1927, 8th Cir. (St. Louis), Doc. 79, 47, *C. P. DeLore v. St. Louis Lithopone Co. et al.*

1,140,354. (See 1,139,427.)

1,173,079. E. F. W. Alexanderson. Selective tuning system, filed July 25, 1927, D. C., S. D. N. Y., Doc. E 42/265, *Radio Corp. of America et al. v. E. B. Latham & Co.* Consent order of discontinuance Aug. 26, 1927.

1,174,008, 1,177,105. S. F. Henderson. Art of Preserving eggs, filed Aug. 19, 1927, D. C., N. D. Calif., Doc. E 1924, *Kasser Egg Process Co. v. Poultry Producers of Central California*.

1,177,105. (See 1,174,008.)

1,240,620. (See Re. 15,147.)

1,241,778. (See Re. 15,147.)

1,307,734. A. V. Gullborg. Lubricating means, filed Aug. 22, 1927, D. C., M. D. Pa., Doc. E 545, *The Bassick Mfg. Co. v. Teapot Dome Oil Co., Inc.* Same, filed July 26, 1927, D. C., N. D. Ohio (E. Div.), Doc. 2367, *The Bas-*

sick Mfg. Co. v. The Airshot Lubrication Co. Claims 1, 2, 3, 4, 6, 8, 14, and 15 held valid and infringed Aug. 22, 1927.

1,358,017. R. Riley. Dirt scraper; Re. 15,704, same, Automatic road and surface scraper, D. C., S. D. Calif. (Los Angeles), Doc. I-61-M, *J. S. Reynolds v. L. M. Davenport et al.* Claims 1, 2, 3, 4, 5, and 6 of 1,358,017 held valid and infringed. Claims 1, 2, 3, 4, 5, 6, and 7 of Re. 15,704 valid but not infringed Aug. 26, 1927.

1,378,214. (See Re. 15,147.)

1,390,376. R. A. Oglesby. Automatic speed governor for internal-combustion engines, filed Aug. 27, 1927, D. C. Ind. (South Bend), Doc. E 45, *Quick Action Ignition Co. et al. v. The Maytag Co.*

1,454,843. H. E. Brown. Underreamer, filed Aug. 19, 1927, D. C., S. D. Calif. (Los Angeles), Doc. E M-86-M, *A. J. Campbell et al. (Grant Oil Tool Co.) v. Duro Engineering Co.*

1,479,599. (See Re. 15,147.)

1,487,042. J. T. Wilkin. Gas meter, filed Aug. 27, 1927, D. C., S. D. N. Y., Doc. E 43/29, *The Connersville Blower Co. v. P. H. & F. M. Roots Co.*

1,492,982. G. F. C. Houghton. Diaphragm for sound-reproducing instruments, filed May 26, 1927, D. C., S. D. N. Y., Doc. E 41/392, *The Balsa Wood Co., Inc. v. The Balsa Laboratories, Inc., et al.* Decree pro confesso as against Holland Radio Stores, Inc., Aug. 30, 1927.

1,493,070. C. E. Galvin. Rotary wire brush and constructing same, filed Aug. 25, 1927, D. C., N. D. Ohio (E. Div.), Doc. 2380, *The Ridgely Trimmer Co. v. The Manufacturers Brush Co.*

1,510,824. L. O. Bird. Draft rigging, filed Nov. 21, 1924, D. C., S. D. Calif. (Los Angeles), Doc. E I-50, *L. O. Bird et al. (Davenport Mfg. Co.) v. D. Griewold & Co.* Claims 1 and 2 held void Aug. 26, 1927.

1,605,411. C. O. Weber. Nonoscillating radio frequency selective amplifier, filed Nov. 4, 1926, D. C., S. D. N. Y., Doc. E 39/70, *Electric Service Engineering Corp. v. F. A. D. Andrea, Inc.* Dismissed Aug. 20, 1927.

1,614,136. (See Re. 16,461.)

Re. 14,516. S. J. Nordstrom. Lubricated hydraulic plug valve, filed Aug. 24, 1927, D. C., S. D. N. Y., Doc. E 42/390, *Merco Nordstrom Valve Co. v. Barber Asphalt Co.*

Re. 15,147, 1,378,214. E. T. Brigham. Towel rack; 1,241,778. F. W. Stockton. Multiple towel holder; 1,240,620. same, Towel cabinet; 1,479,599. A. Grub, same, filed Aug. 8, 1927, D. C., S. D. N. Y., Doc. E 42/314, *J. Rouso v. Eloo Towel Cabinet Co., Inc.*

Re. 15,147(a). E. T. Brigham. Towel rack, filed Aug. 31, 1927, D. C., S. D. N. Y., Doc. E 43/54, *J. Rouso v. New York Towel Supply Co.*

Re. 15,704. (See 1,358,017.)

Re. 16,461. M. C. A. Latour. Audion or lamp relay or amplifying apparatus; 1,614,136, same, Thermionic amplifying apparatus, filed Aug. 19, 1927, D. C., S. D. N. Y., Doc. E 42/373, *Latour Corp. v. E. B. Latham & Co.*

Adjudicated Patents.

(C. C. A. Pa.) Dawson and Luellen patent, No. 1,244,431, for a system of mobile armament, claims 23, 28, 29, 30, 35, 37, and 42 Held not infringed. *Ludlow Ry. Artillery v. Baldwin Locomotive Works*, 20 F. (2d) 449.

(D. C. N. Y.) Dwight patent, No. 1,254,316, for ore-treating process, Held not infringed. *Dwight & Lloyd Sintering Co. v. Greenawalt*, 20 F. (2d) 533.

(D. C. N. Y.) Greenawalt patent, No. 1,348,407, for ore-treating apparatus, Held not infringed. *Dwight & Lloyd Sintering Co. v. Greenawalt*, 20 F. (2d) 533.

TRADE-MARKS

OFFICIAL GAZETTE, OCTOBER 11, 1927.

[Vol. 363. No. 2.]

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication.

Marks applied for "under the ten-year proviso" are registrable under the provision in clause (b) of section 5 of said act as amended February 18, 1911.

As provided by section 14 of said act, a fee of ten dollars must accompany each notice of opposition.

CLASS 1.

RAW OR PARTLY-PREPARED MATERIALS.

Ser. No. 251,510. MOOS FUR DYEING CORP., Brooklyn and New York, N. Y.; Chicago, Ill.; and San Francisco, Calif. Filed July 5, 1927.



All wording appearing with the exception of the surname "Moos" is hereby disclaimed apart from the mark as shown in the drawing.

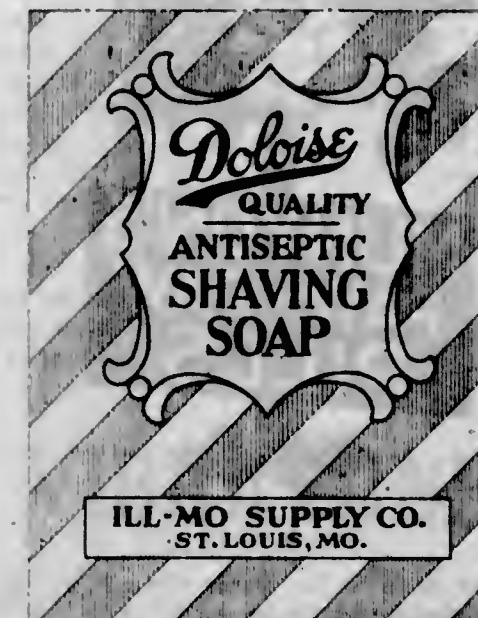
Particular description of goods.—Furs, Skins, Hides, and Pelts.

Claims use since January, 1926.

CLASS 4.

ABRASIVE, DETERGENT, AND POLISHING MATERIALS.

Ser. No. 221,015. ILL-MO SUPPLY CO., St. Louis, Mo. Filed Sept. 30, 1925.



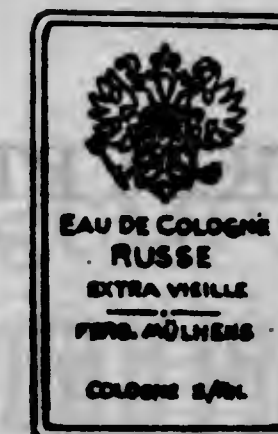
Applicant herewith disclaims all wording appearing on the drawing except the word "Doloise" and applicant's

name, "Ill-Mo Supply Co." The red lining is an essential feature of applicant's mark.

Particular description of goods.—Shaving Soap.

Claims use since Apr. 20, 1925.

Ser. No. 242,052. PAUL PETER MÜLHENS, doing business as Die Eau de Cologne- & Parfumerie-Fabrik "Glockengasse No. 4711" gegenüber der Pferdepost von Ferd. Mulbens, Cologne-on-the-Rhine, Germany. Filed Dec. 28, 1926.



The wording appearing on the drawing is disclaimed apart from the mark shown in the drawing.

Particular description of goods.—Soaps Including Toilet Soaps, Shaving Sticks.

Claims use since March, 1926.

Ser. No. 247,780. COLGATE & COMPANY, Jersey City, N. J. Filed Apr. 21, 1927.



Applicant disclaims the exclusive right to the use of the words "Big Bath," "New York," and "Reg. U. S. Pat. Off" apart from the mark as shown. Applicant is the owner of trade-mark registrations Nos. 54,002, 150,192, 175,899, and 209,299.

Particular description of goods.—Soaps.

Claims use since December, 1911.

Ser. No. 249,588. E. F. HOUGHTON & Co., Philadelphia, Pa. Filed May 26, 1927.

WONDER

Particular description of goods.—Compounds in Powdered Form for All Scouring and Cleansing Purposes.
Claims use since Apr. 13, 1927.

CLASS 6.

CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.

Ser. No. 225,934. H. A. METZ & Co., INC., New York, N. Y. Filed Jan. 14, 1926.

PINAKRYPTOL

Particular description of goods.—Photographic Colors.
Claims use since about June 8, 1922.

Ser. No. 242,241. MUNYON REMEDY Co., Scranton, Pa. Filed Dec. 31, 1926. Under 10-year proviso.



The portrait which comprises the mark is the likeness of Dr. Munyon, deceased.

Particular description of goods.—Preparations for the Treatment of Anemia, Asthma, Billousness, Bladder Troubles, Bronchitis, Bruises, Sprains, Wounds, Burns, Scalds, Blood Diseases, Catarrh, Chapped Hands, Chills, Malaria and Fevers, Change of Life, Chicken Pox, Cholera Morbus, Cholera Infantum, Colic, Colds, Coughs, Constipation, Croup, Debility, Diarrhea, Dysentery, Dropsy, Dyspepsia, Eczema, Erysipelas, Fevers, Grippe, Hay Fever, Headaches, Heart Troubles, Hemorrhoids, Influenza, Inflammation of the Bowels, Inflammation of the Stomach, Jaundice, Kidney Troubles, Leucorrhea, Liver Complaints, Lumbago, Malaria, Measles, Menstrual Disorders, Nervous Diseases, Neuralgia, Neurasthenia, Piles, Pleurisy, Rheumatism and Sciatica, Skin Diseases, Sleeplessness, Sore Throat, Tapeworm, Tonsillitis, Whooping Cough, Worms,

Children's Diseases, and Female Troubles; and for Ointments, General Tonics, Balm and Face Creams, Soaps, Talcum Powder, Depilatory Powder, and Tobaccoless Cigarettes for Medicinal Purposes.
Claims use since Jan. 1, 1892.

Ser. No. 242,242. MUNYON REMEDY Co., Scranton, Pa. Filed Dec. 31, 1926. Under 10-year proviso.



Particular description of goods.—Preparations for the Treatment of Anemia, Asthma, Billousness, Bladder Troubles, Bronchitis, Bruises, Sprains, Wounds, Burns, Scalds, Blood Diseases, Catarrh, Chapped Hands, Chills, Malaria and Fevers, Change of Life, Chicken Pox, Cholera Morbus, Cholera Infantum, Colic, Colds, Coughs, Constipation, Croup, Debility, Diarrhea, Dysentery, Dropsy, Dyspepsia, Eczema, Erysipelas, Fevers, Grippe, Hay Fever, Headaches, Heart Troubles, Hemorrhoids, Influenza, Inflammation of the Bowels, Inflammation of the Stomach, Jaundice, Kidney Troubles, Leucorrhea, Liver Complaints, Lumbago, Malaria, Measles, Menstrual Disorders, Nervous Diseases, Neurasthenia, Piles, Pleurisy, Rheumatism and Sciatica, Skin Diseases, Sleeplessness, Sore Throat, Tapeworm, Tonsillitis, Whooping Cough, Worms, Children's Diseases, and Female Troubles; and for Ointments, General Tonics, Balm and Face Creams, Soaps, Talcum Powder, Depilatory Powder, and Tobaccoless Cigarettes for Medicinal Purposes.

Claims use since Jan. 1, 1892.

Ser. No. 242,487. MUNYON REMEDY Co., Scranton, Pa. Filed Jan. 7, 1927.



No claim is made to the words "Paw-Paw" or "Pills" except in the association shown.

Particular description of goods.—Tonic, Laxative, and Liver Regulator.

Claims use since Oct. 1, 1901.

Ser. No. 242,488. MUNYON REMEDY Co., Scranton, Pa. Filed Jan. 7, 1927.

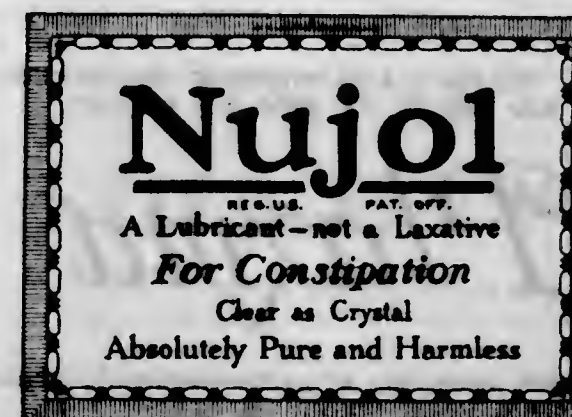


No claim is made to the words "Paw Paw" or "Tonic" except in the association shown.

Particular description of goods.—Tonic, Laxative, Digestant, and Blood Purifier.

Claims use since Oct. 1, 1901.

Ser. No. 242,511. STANDARD OIL COMPANY, (NEW JERSEY), Bayonne, N. J. Filed Jan. 7, 1927.



No right of registration is claimed for the label as distinguished from the arrangement of the matter in small type, nor to such matter. Applicant is the owner of registered trade-mark No. 105,425 for the word "Nujol."

Particular description of goods.—Mineral oil for Chemical, Medicinal, and Pharmaceutical Purposes.

Claims use since Feb. 27, 1915.

Ser. No. 243,959. JOSEPH MARABLE, doing business as The Cushing Drug Company, Inc., Cushing, Okla. Filed Feb. 7, 1927.

VIBRATONE

Particular description of goods.—Medicinal Preparation for the Treatment of Rheumatism, Stomach, Liver, and Bowels.

Claims use since September, 1921.

Ser. No. 244,188. GERTRUDE M. CALHOUN, doing business as Worbliday Company, New Orleans, La. Filed Feb. 10, 1927.



No claim is made to the words "Mal de Mer" apart from the mark as shown.

Particular description of goods.—Medicinal Preparations for the Stomach.

Claims use since on or about Nov. 1, 1925.

Ser. No. 249,463. CALIFORNIA CASING Co., San Francisco, Calif. Filed May 24, 1927.



The words "Frigid Pickle" do not form a part of the registration sought except as associated with the word "Eclipse."

Particular description of goods.—Meat-Curing Compound.

Claims use since Jan. 1, 1921.

Ser. No. 249,530. ROSE KRANTZ, doing business as General Sales Company, Brooklyn, N. Y. Filed May 25, 1927.

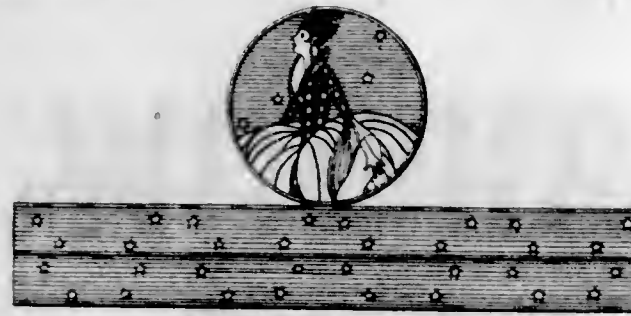


No claim is made to the words "Trade-Mark." The lines shown on the drawing are for shading purposes only.

Particular description of goods.—Tooth Powder, Tooth Paste, Mouth Wash and Spray, Shampoo, Deodorizers, Disinfectants and Germicides, and Moth and Insect Destroyers.

Claims use since May 11, 1927.

Ser. No. 249,821. TAQUINE, INC., Des Moines, Iowa. Filed May 31, 1927.



The lining shown on the drawing is used for the purpose of shading only and applicant makes no claim to color in this application.

Particular description of goods.—Face Powder.
Claims use since Feb. 14, 1927.

Ser. No. 252,361. ARTHUR J. LENIGER, Danville, Pa. Filed July 20, 1927.

PHENOLIA

Particular description of goods.—Preparation for the Treatment of Cuts, Burns, Ivy Poison.
Claims use since Feb. 3, 1927.

Ser. No. 252,424. HAROLD H. FRIES, doing business as Fries Bros., New York, N. Y. Filed July 22, 1927.

KELO-FORM

Particular description of goods.—Anesthetics.
Claims use since May 28, 1926.

Ser. No. 252,440. VIVIAN RAGLAND AND COMPANY, Philadelphia, Pa. Filed July 22, 1927.

NELVIAN

Particular description of goods.—Hairdressing and Preparation to Promote the Growth of Hair.
Claims use since May 5, 1922.

Ser. No. 252,536. TRES CHEMISCH-PHARMAZEUTISCH INDUSTRIE UND HANDELS A. G., Budapest, Hungary. Filed July 25, 1927.



Particular description of goods.—Medicines and Pharmaceutical Preparations in Form of Tablets, Pastils, or Liquids for Injection to be Used for the Treatment of

Hyperacidity, Ulcer of the Stomach and Duodenum, Gastric Catarrh (Acute and Chronic), Hyperemesis of Pregnancy (Pregnancy Vomiting), Stomach Complaints of Pregnant Women, Postnarcotic Vomiting, and Seasickness.
Claims use since Feb. 1, 1926.

Ser. No. 252,643. D. W. FIELD, doing business as The Rupto Co., Muscatine, Iowa. Filed July 28, 1927.



The words "For Rupture" are not claimed apart from the mark as shown on the drawing.

Particular description of goods.—Ointment for Treating Rupture.
Claims use since July 6, 1927.

Ser. No. 252,673. ANGLO-AMERICAN PHARMACEUTICAL CORP., New York, N. Y. Filed July 29, 1927.

Plazma

Particular description of goods.—Antiseptic Absorbent Powder.
Claims use since July 20, 1927.

Ser. No. 252,931. NED A. BALDING, Lincoln, Ill. Filed Aug. 3, 1927.

NU-MOUTH

Particular description of goods.—Antiseptic.
Claims use since July 18, 1927.

Ser. No. 252,954. LEO GANBARO, doing business as Arcadia Pharmacal Company, New York, N. Y. Filed Aug. 3, 1927.

REUMATOLINE

Particular description of goods.—Pharmaceutical Preparations—Namely, a General Alterative Tonic.
Claims use since Mar. 1, 1925.

Ser. No. 253,153. KOFFRUB LABORATORIES, Lakewood, Ohio. Filed Aug. 6, 1927.

KOFFRUB

Particular description of goods.—An Oleaginous Liniment and Rubefacient for the Relief of Soreness and Coughs.

Claims use since about January, 1927.

Ser. No. 253,167. SOCIÉTÉ DES LABORATOIRES CORTIAL (S. A. RESPONSABILITÉ LIMITÉE), Paris, France. Filed Aug. 6, 1927.

SEPTICÉMINE

Particular description of goods.—Medicinal Preparation Internally Administered for the Treatment of Septicæmia, Pyæmia, Puerperal Fevers, Appendicitis, Erysipelas, Anthrax, Osteomyelitis, Peritonitis, Tuberculosis, Grippe, Encephalitis, Broncho-Pneumonia, Typhoid Fever, Paratyphoid, Enteritis, Eruptive Fevers, Paludism, Rhinopharyngo-Pharyngo Affections, Stomatitis, Alveolar and Gingival Infections.

Claims use since Jan. 15, 1926.

Ser. No. 253,248. THE GEORGE E. SHERMAN CO. INC., Brooklyn, N. Y. Filed Aug. 9, 1927.

GESCO SOLVENT

The word "Solvent" shown in the accompanying drawing is hereby disclaimed as part of the mark sought to be registered.

Particular description of goods.—Solvent Used in Degumming Silk, Wetting Out Silk and Woolen Goods, Scouring Woolen Goods, and Used as Kier Oil.

Claims use since on or about Jan. 1, 1922.

Ser. No. 253,273. M. M. FLERON & SON, INC., doing business as Bercy Perfumer, Trenton, N. J. Filed Aug. 10, 1927.

BERCY

Particular description of goods.—Astringents, Astringent Cerates, Bleach Creams, Beauty Cream, Cold Creams, Cleansing Creams, Obesity Creams, Refreshing Creams, Obesity Astringents, Dry Rouges, Liquid Rouges, Rose Tints, Face Bleaches, Face Packs, Eyebrow and Eyelash Grower, Eyedrops, Hand Lotions, Skin Lotions, Face Powders, Talcum Powders, Sachets, Hair Elixirs, Hair Tonics, Shampoos, Hair Dyes, Bath Salts, Smelling Salts, Lip Sticks, Incense, Tooth Powders, Mouth Washes, Dentifrices, Tooth Pastes, Nail Powders, Nail Creams, Nail Bleaches, Witch-Hazel, Peroxide, Petroleum Jellies, Witch-Hazel Salves, Camphor Creams, Foot Powders, Deodorants, Disinfectants, Aspirin, Bay Rum, Perfumes, and Toilet Waters.

Claims use since June 15, 1927.

Ser. No. 253,397. ANNIE UTICHELL, New York, N. Y. Filed Aug. 12, 1927.



"Mlle. Uti" appearing in the drawing is a signature as written by applicant. No claim is made to the words shown on the drawing, except to "Mlle. Uti" apart from the mark shown on the drawing.

Particular description of goods.—Massage Cream.
Claims use since December, 1926.

Ser. No. 253,446. VIG CHEMICAL CO., Waban, Mass. Filed Aug. 13, 1927.



The lining in the drawing is to designate shading only.
Particular description of goods.—Hair Tonic.
Claims use since July 5, 1927.

Ser. No. 253,618. ADAMS BROS., Philadelphia, Pa. Filed Aug. 17, 1927.

EVDOCIA

Particular description of goods.—Preparation for Growing and Restoring Hair.
Claims use since Apr. 1, 1927.

Ser. No. 253,644. SAMUEL EDELMAN, Philadelphia, Pa. Filed Aug. 18, 1927.



No claim is made to the hyphenated word "Bloom-Food" apart from the mark substantially as shown.

Particular description of goods.—A Chemical Preparation for the Nourishment of Cut Flowers.
Claims use since July 1, 1927.

Ser. No. 253,652. FLORENCE N. LEWIS, doing business as Elizabeth Arden, New York, N. Y. Filed Aug. 18, 1927.

Petite-Oboy

Particular description of goods.—Powder and Rouge Compacts.

Claims use since Jan. 1, 1927.

Ser. No. 253,685. HORACE C. SOUTHWORTH, Binghamton, N. Y. Filed Aug. 18, 1927. Under 10-year proviso.

H. C. Southworth

Particular description of goods.—Medicine for Diseases of the Blood and Bladder.

Claims use since Feb. 8, 1892.

Ser. No. 253,740. E. W. COLLEDGE GENERAL SALES AGENT, INC., Jacksonville, Fla. Filed Aug. 20, 1927.

PIGMENTAR

Particular description of goods.—Pine-Tar Oil.

Claims use since June, 1926.

Ser. No. 253,778. VAN PELT & BROWN, Richmond, Va. Filed Aug. 20, 1927.

Thiogen

Particular description of goods.—Liquid Laxative.

Claims use since May 15, 1927.

Ser. No. 253,880. THE FISHER BROS. CO., Cleveland, Ohio. Filed Aug. 24, 1927.

STARLITE

Particular description of goods.—Laundry Starch.

Claims use since Feb. 1, 1927.

Ser. No. 253,923. TESS CHEMICAL CO. INC., Baltimore, Md. Filed Aug. 24, 1927.

Tess

Particular description of goods.—Hair Pomade and Hair Straightener.

Claims use since July 15, 1927.

Ser. No. 253,931. AMERICAN DRUGGISTS SYNDICATE, Long Island City, N. Y. Filed Aug. 25, 1927.

DELECTOL

Particular description of goods.—Astringents, Astringent Cerates, Bleach Creams, Beauty Creams, Cold Creams, Cleansing Creams, Obesity Creams, Refreshing Creams, Obesity Astringents, Dry Rouges, Liquid Rouges, Face Bleaches, Face Packs, Eyebrow and Eyelash Grower, Eyedrops, Hand Lotions, Skin Lotions, Face Powders, Talcum Powders, Sachets, Hair Salves, Hair Elixirs, Hair Tonics, Hair Oils, Shampoos, Hair Dyes, Bath Salts, Smelling Salts, Lip Sticks, Incense, Tooth Powders, Mouth Washes, Dentifrices, Tooth Pastes, Nail Powders, Nail Creams, Nail Bleaches, Witch-Hazel, Peroxide, Petroleum Jellies, Witch-Hazel Salves, Camphor Creams, Foot Powders, Deodorants, Disinfectants, Aspirin, Bay Rum, Perfumes, and Toilet Waters.

Claims use since Aug. 8, 1927.

Ser. No. 253,933. EMMA BEECHAM, doing business as Beecham's Laboratory, Oscawanna-on-Hudson, N. Y. Filed Aug. 25, 1927.

La Vie

Particular description of goods.—Astringents, Astringent Cerates, Bleach Creams, Beauty Creams, Cold Creams, Cleansing Creams, Obesity Creams, Refreshing Creams, Obesity Astringents, Dry Rouges, Face Bleaches, Face Packs, Eyebrow and Eyelash Grower, Eyedrops, Hand Lotions, Skin Lotions, Face Powders, Talcum Powders, Sachets, Hair Salves, Hair Elixirs, Hair Tonics, Hair Oils, Shampoos, Hair Dyes, Bath Salts, Smelling Salts, Lip Sticks, Incense, Tooth Powders, Mouth Washes, Dentifrices, Tooth Pastes, Nail Powders, Nail Creams, Nail Bleaches, Witch-Hazel, Peroxide, Petroleum Jellies, Witch-Hazel Salves, Camphor Creams, Foot Powders, Deodorants, Disinfectants, Aspirin, Bay Rum, Perfumes, and Toilet Waters.

Claims use since Nov. 18, 1919.

Ser. No. 253,951. MCCOY'S LABORATORIES, INC., New York, N. Y. Filed Aug. 25, 1927.

QUELS

No claim is made to the representation of the tablets per se.

Particular description of goods.—Digestive Tablets.

Claims use since Aug. 24, 1927.

Ser. No. 253,956. THE POMPEIAN COMPANY, Jersey City, N. J. Filed Aug. 25, 1927.

NUDE

Particular description of goods.—Face Powder.

Claims use since Aug. 2, 1927.

Ser. No. 254,031. MURRAY BROWN, doing business as Brown's Pharmacy, Yakima, Wash. Filed Aug. 27, 1927.

HEXA-CHLOR

Particular description of goods.—Medicinal Preparation Used in the Treatment of Cystitis, Urethritis, Inflammation of the Bladder, and Gonorrhea.

Claims use since July 1, 1926.

Ser. No. 254,041. LUX-GRO LABORATORIES, Detroit, Mich. Filed Aug. 27, 1927.

Lux-Gro

Particular description of goods.—Preparation for the Treatment of the Hair and Scalp.

Claims use since Aug. 16, 1927.

Ser. No. 254,056. GEORGE B. SLICK, doing business as Miami Cosmetic Laboratories, Miami, Fla. Filed Aug. 27, 1927.

SLICK-EM-SLICK

Particular description of goods.—Hairdressing.

Claims use since July 1, 1927.

Ser. No. 254,067. THE SALOREX CORPORATION, Detroit, Mich. Filed Aug. 29, 1927.

PX

Particular description of goods.—Antiseptics, Healing Agents, Deodorants, and Astringents.

Claims use since July 1, 1926.

Ser. No. 254,098. THE SALOREX CORPORATION, Detroit, Mich. Filed Aug. 29, 1927.

SALOREX

Particular description of goods.—Dentifrices, Deodorants, and Astringents.

Claims use since July 1, 1926.

Ser. No. 254,212. THE TITANIUM ALLOY MANUFACTURING COMPANY, Niagara Falls, N. Y. Filed Aug. 31, 1927.

MELTOPAX

Particular description of goods.—Opaculating Agents and Pigments Used in the Manufacture of Enamels and Glazes.

Claims use since June 15, 1927.

Ser. No. 254,213. THE TITANIUM ALLOY MANUFACTURING COMPANY, Niagara Falls, N. Y. Filed Aug. 31, 1927.

ZIRCOPAX

Particular description of goods.—Opaculating Agents and Pigments Used in the Manufacture of Enamels and Glazes.

Claims use since July 16, 1927.

Ser. No. 254,231. F. A. DICKS & COMPANY, INC., New Orleans, La. Filed Sept. 1, 1927.

NOVOTHESIA

Particular description of goods.—A Liquid Local Anesthetic.

Claims use since July 22, 1927.

Ser. No. 254,282. HOLLY-MODE INCORPORATED, Hollywood, Calif. Filed Sept. 2, 1927.

Holly-Mode

Particular description of goods.—Preparation for Retarding and Deodorizing Perspiration.

Claims use since June 1, 1927.

Ser. No. 254,310. TESS CHEMICAL CO. INC., Baltimore, Md. Filed Sept. 2, 1927.



The pictures forming a feature of the mark are fanciful.
Particular description of goods.—Hair Pomade and Hair Straightener.
Claims use since July 15, 1927.

Ser. No. 254,379. JOSEPH H. BISHOP, doing business as The Himalayan Herb Co., Baltimore, Md. Filed Sept. 6, 1927.

HEALTH YAGA



Particular description of goods.—Blood and Nerve Tonic.
Claims use since Mar. 23, 1925.

CLASS 8.

SMOKERS' ARTICLES, NOT INCLUDING TOBACCO PRODUCTS.

Ser. No. 249,698. CHARLES MORTON BELLAK, New York, N. Y. Filed May 28, 1927.

Bellak

The mark consists of applicant's signature.
Particular description of goods.—Improved Cigarette Holders.
Claims use since May 18, 1927.

Ser. No. 254,243. I. B. KLEINERT RUBBER COMPANY, New York, N. Y. Filed Sept. 1, 1927.



Particular description of goods.—Tobacco Pouches.
Claims use since Aug. 20, 1927.

CLASS 12.

CONSTRUCTION MATERIALS.

Ser. No. 248,384. ACME BRICK COMPANY, Danville, Ill. Filed May 4, 1927.

Persiantex Rainbow Blend

No claim is made to the word "Blend" apart from the trade-mark as shown.
Particular description of goods.—Brick.
Claims use since March, 1926.

Ser. No. 250,119. THE DUSSEK BITUMEN CO. LTD., London, England. Filed June 7, 1927.

COLADE

Particular description of goods.—Cold Asphalts, Bitumens, and Pitches and Emulsions Thereof for Road Construction, Road Surfacing, and Road Dressing; Also for Waterproofing Buildings.
Claims use since 1924.

Ser. No. 250,925. THE NATIONAL ROOFING COMPANY, Carlton E. Ladd and W. M. Mills, receivers, Tonawanda, N. Y. Filed June 22, 1927.

TYLFECT

Particular description of goods.—Prepared Roofing.
Claims use since Sept. 23, 1924.

Ser. No. 251,678. M. J. MERKIN PAINT CO. INC., New York, N. Y. Filed July 8, 1927.

AQUA-SEAL

Particular description of goods.—Black Coating for Dampproofing Brick, Stone, or Terra Cotta Walls, Above or Below Ground, Containing a Composition of Gilsomite, and Asphaltic Gums, Blended with Vegetable Pitches, Nonvolatile Oils, and Petroleum Distillates.
Claims use since June 1, 1926.

Ser. No. 253,471. F. C. HUBBELL, doing business as Des Moines Clay Company, Des Moines, Iowa. Filed Aug. 15, 1927.

Queen Mary

Particular description of goods.—Face and Common Brick.
Claims use since Apr. 27, 1927.

Ser. No. 253,545. NATIONAL STEEL FABRIC COMPANY, Pittsburgh, Pa. Filed Aug. 16, 1927.

STEELTEX

Particular description of goods.—Reinforcement Material for Plaster and Cement, Including Wire Fabric Having a Paper Backing.
Claims use since June 15, 1927.

Ser. No. 253,611. UVALDE PAVING COMPANY, Dallas, Tex. Filed Aug. 17, 1927.

"VALDILITHIC"

Particular description of goods.—Pavements and Paving Materials.
Claims use since May 30, 1927.

CLASS 15.

OILS AND GREASES.

Ser. No. 237,112. CITIES SERVICE OIL COMPANY, Cleveland, Ohio. Filed Sept. 11, 1926.

CITIES SERVICE OILS

The word "Oils" is disclaimed apart from the mark shown in the drawing. Applicant is owner of registration No. 227,262, May 3, 1927, which includes the words "Cities Service."

Particular description of goods.—Gasoline, Lubricating Oils, and Greases.
Claims use since May 27, 1921.

Ser. No. 243,888. RELIANT OIL CORPORATION, New York, N. Y. Filed Jan. 26, 1927.

RELIANT

Particular description of goods.—Petroleum Lubricating Oils and Greases.
Claims use since March, 1926.

Ser. No. 253,128. BEACON OIL COMPANY, Everett, Mass. Filed Aug. 6, 1927.

SIX TO ONE

Particular description of goods.—Gasoline.
Claims use since July 18, 1927.

Ser. No. 253,129. BEACON OIL COMPANY, Everett, Mass. Filed Aug. 6, 1927.

6 TO 1

Particular description of goods.—Gasoline.
Claims use since July 18, 1927.

Ser. No. 253,130. BEACON OIL COMPANY, Everett, Mass. Filed Aug. 6, 1927.

BEACO

Particular description of goods.—Gasoline.
Claims use since July 18, 1927.

CLASS 16.

PAINTS AND PAINTERS' MATERIALS.

Ser. No. 239,311. THE NATIONAL VARNISH COMPANY, Long Island City, N. Y. Filed Oct. 27, 1926.



The words "This Seal is on Every Original Package" are disclaimed apart from the mark shown.

Particular description of goods.—Varnishes, Paint Enamels, Paste and Ready-Mixed Paints, Lacquers, and Japans.

Claims use since on or about January, 1909.

Ser. No. 251,511. I. F. NANCE, doing business as California Cement Coat, Los Angeles, Calif. Filed July 5, 1927.



Applicant disclaims any right, title, or interest in and to the geographical word "California" and the descriptive words "Cement Coat" apart from the mark shown in the drawing of the trade-mark herein sought to be registered.

Particular description of goods.—Cement Stucco Paint. Claims use since Mar. 1, 1924.

Ser. No. 252,626. STANDARD OIL COMPANY, Whiting, Ind., and Chicago, Ill. Filed July 27, 1927.



Particular description of goods.—Cleaning and Polishing Automobile Bodies and the Like. Claims use since Apr. 13, 1927.

Ser. No. 253,207. WALTER L. CLEMENS, doing business as Mastershine Polish Company, Milwaukee, Wis. Filed Aug. 8, 1927.



No claim is made to the exclusive use of either the word "Master" or "Shine" except when combined as shown.

Particular description of goods.—Polish for Automobiles, Furniture, and the Like. Claims use since July 27, 1927.

CLASS 17.

TOBACCO PRODUCTS.

Ser. No. 250,564. THE PEACE TOBACCO COMPANY, Cincinnati, Ohio. Filed June 15, 1927.



Particular description of goods.—Cigarettes and Cigars. Claims use since June 2, 1927.

Ser. No. 251,716. CHARLES & COMPANY, doing business as The Charles Co., Mohawk, N. Y., and Red Lion, Pa. Filed July 9, 1927.



Particular description of goods.—Cigars. Claims use since 1918.

CLASS 21.

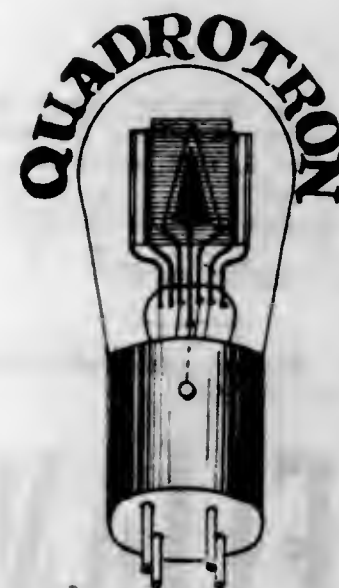
ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.

Ser. No. 231,016. THE SPARKS-WITHINGTON COMPANY, Jackson, Mich. Filed May 1, 1926.



Particular description of goods.—Radio Receiving Sets, Parts Thereof, and Loud Speakers. Claims use since Dec. 25, 1925.

Ser. No. 245,418. BAKER SMITH CO., San Francisco, Calif. Filed Mar. 9, 1927.



The drawing is lined to represent shading and not color. The right to the exclusive use of the electron tube shown on the drawing is hereby disclaimed apart from the mark shown.

Particular description of goods.—Electron Tubes. Claims use since Apr. 1, 1926.

Ser. No. 246,558. LEAHY ELECTRIC CORP., New York, N. Y. Filed Mar. 29, 1927.



No claim is made to the words "Friction Tape" apart from the mark shown in the drawing.

Particular description of goods.—Friction Tape. Claims use since on or about Jan. 1, 1926.

Ser. No. 252,406. ABRAHAM ABRAMSON, doing business as Selrite Trading Co., New York, N. Y. Filed July 22, 1927.



Particular description of goods.—Radio and Electrical Apparatus and Supplies—Namely, Incandescent Lamps, Fuses, Plugs, Adapters, Switches, Flash-Light Batteries, Flash-Lights, Batteries, Radio Electric or Vacuum Tubes, Loud Speakers, Loud-Speaker Units, Radio Receiving Sets, Condensers, Transformers, and Aerial Outfits. Claims use since January, 1927.

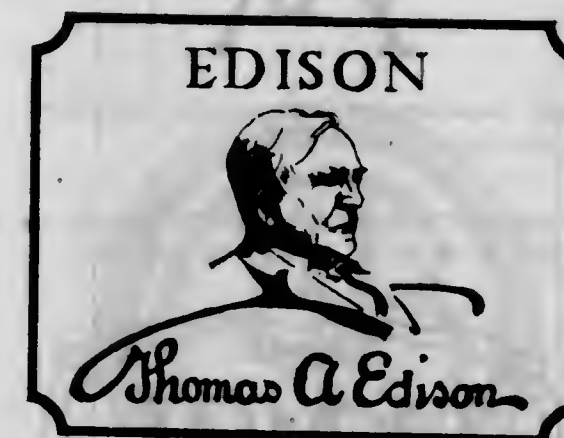
Ser. No. 252,874. PRESTON PRODUCTS CO., New York, N. Y. Filed Aug. 2, 1927.



Particular description of goods.—Attachment Plugs, Electric Sadrans, Electric Sadrion Elements, Radiant Heating Coils, Resistance Wires, Grid Leaks, Variable Grid Leaks, Window Lead-Ins, Aerial Sets; Porcelain Glass, and Composition Insulators; Electric Sign Flashers, Extension Cords, and Lightning Arresters. Claims use since Jan. 1, 1925.

363 O. G.—15

Ser. No. 253,363. EDISON STORAGE BATTERY COMPANY, West Orange, N. J. Filed Aug. 12, 1927.



The mark consists of a bust portrait of Thomas A. Edison, the word "Edison" in roman type above said portrait, and a copy of the signature of Thomas A. Edison below said portrait, all inclosed in a substantially rectangular border. The consent in writing of Thomas A. Edison to such use of his portrait and signature is presented herewith.

Particular description of goods.—Storage Batteries. Claims use since July 28, 1927.

Ser. No. 253,543. THOMAS MADDOCK'S SONS CO., Trenton, N. J. Filed Aug. 16, 1927.



Particular description of goods.—Chinaware Electric Light Brackets. Claims use since May 18, 1927.

Ser. No. 253,726. GRAYBAR ELECTRIC COMPANY, INC., New York, N. Y. Filed Aug. 19, 1927.



Particular description of goods.—Electric Lighting Fixtures. Claims use since Apr. 14, 1927.

Ser. No. 253,823. YARR-LANGE, INC., Milwaukee, Wis.
Filed Aug. 22, 1927.

YAR

Particular description of goods.—Radio Speakers.
Claims use since June 17, 1927.

Ser. No. 253,859. TYMOL WIRELESS PRODUCTS OF NEW YORK, New York, N. Y. Filed Aug. 23, 1927.



Particular description of goods.—Electric Batteries for Radio Sets and Vacuum Tubes for Radio Sets.
Claims use since June 1, 1927.

Ser. No. 253,913. POCKET RADIO CORPORATION, Des Moines, Iowa. Filed Aug. 24, 1927.

VEST-O-FONE

Particular description of goods.—Radio Receiving Sets.
Claims use since June 13, 1927.

Ser. No. 254,051. L. B. PRICE MERCANTILE COMPANY, Kansas City, Mo. Filed Aug. 27, 1927.

SOUTHERN BEAUTY

Particular description of goods.—Electric Appliances—Namely, Smoothing Irons.
Claims use since Jan. 1, 1912.

CLASS 22.

GAMES, TOYS AND SPORTING GOODS.

Ser. No. 239,180. KNAPP ELECTRIC CORPORATION, Port Chester, N. Y. Filed Oct. 25, 1926.

*American Industry
in Miniature*

Particular description of goods.—Toys—Namely, Toy Emery and Buffing Wheels, Toy Lathes, Toy Drill Presses, Toy Hack Saws, Toy Punch Presses, Toy Jig Saws, Toy Band Saws, Toy Motors, and Toy Countershafts.
Claims use since May, 1925.

Ser. No. 246,678. JAMES HEDDON'S SONS, Dowagiac, Mich.
Filed Mar. 31, 1927.

KING

Particular description of goods.—Artificial Balts.
Claims use since about June 1, 1926.

Ser. No. 253,609. EDWARD J. SCHNEIDER, St. Louis, Mo.
Filed Aug. 17, 1927.

JUNIOR SPIRIT

Particular description of goods.—Toy Monoplane.
Claims use since July, 1927.

CLASS 23.

CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.

Ser. No. 231,219. UNEEDA SHINE CORP., New York, N. Y.
Filed May 6, 1926.

TAKA

Particular description of goods.—Shoe Shining and Polishing Machines, and Parts Thereof.
Claims use since Apr. 12, 1926.

Ser. No. 243,391. THE SHARPE SALES COMPANY, Los Angeles, Calif. Filed Jan. 26, 1927.

SUPER-FOUR

The word "Four" is disclaimed apart from the mark as shown.

Particular description of goods.—Air Compressor.
Claims use since Nov. 1, 1926.

Ser. No. 250,249. MARQUETTE MANUFACTURING COMPANY, St. Paul, Minn. Filed June 9, 1927.

MARQUETTE

Applicant is the owner of registrations Nos. 160,353 and 174,837.

Particular description of goods.—Automobile Lifting Jacks, Machine-Shop and Garage Presses, Power-Driven and Hand-Operated Automobile Cranes, Spacer Tow Bars, Tow Poles, Steering-Gear Tow Locks, Air Towers, and Cylinder Reamers.

Claims use since Sept. 1, 1925, on lifting jacks, power-driven and hand-operated automobile cranes, air towers, cylinder reamers; on steering-gear tow locks since Oct. 1, 1925; on spacer tow bars since Feb. 1, 1926; on tow poles since Mar. 1, 1926; and on machine-shop and garage presses since Nov. 1, 1926.

Ser. No. 252,422. FEARLESS DISHWASHER CO., INC., Rochester, N. Y. Filed July 22, 1927.

"THE FEARLESS"

Particular description of goods.—Dish-Washing Machines.
Claims use since July, 1900.

Ser. No. 252,511. F. E. HUDSON & SONS, INC., Ellensburg, N. Y. Filed July 25, 1927.



Applicant disclaims the word "Maple."
Particular description of goods.—Butcher Blocks, Butcher Table Tops, Butcher Bench Tops, Cutting Boards and Blocks, and Die Blocks.
Claims use since May 20, 1927.

Ser. No. 252,649. ROY J. HELD, doing business as Stover Steel Tank & Mfg. Co., Freeport, Ill. Filed July 28, 1927.

SAMSON

Particular description of goods.—Water-Softening Apparatus.
Claims use since June 21, 1926.

Ser. No. 252,650. ROY J. HELD, doing business as Stover Steel Tank & Mfg. Co., Freeport, Ill. Filed July 28, 1927.

IDEAL

Particular description of goods.—Water-Softening Apparatus.
Claims use since June 21, 1926.

CLASS 26.

MEASURING AND SCIENTIFIC APPLIANCES.

Ser. No. 251,649. C. L. BERGER & SONS, INC., Boston, Mass. Filed July 8, 1927.



Particular description of goods.—Levels and Transits.
Claims use since January, 1921.

Ser. No. 252,518. CLAUDE C. LOVEJOY, Manchester, Iowa. Filed July 25, 1927.

Shell-O-Meter

The word "Meter" is disclaimed apart from the mark shown.

Particular description of goods.—Indicators for Indicating Liquid Levels.
Claims use since on or about July 9, 1927.

Ser. No. 253,176. AMERICAN STEEL PRODUCTS CO., Macomb, Ill. Filed Aug. 8, 1927.



The crosshatching in the drawing denotes gold and the vertical lining denotes red.
Particular description of goods.—Weighing Scales.
Claims use since Jan. 3, 1927.

CLASS 28.

JEWELRY AND PRECIOUS-METAL WARE.

Ser. No. 252,320. EASTERN DAIRIES, INC., Springfield, Mass. Filed July 20, 1927.



Particular description of goods.—Spoons Plated with Precious Metal.
Claims use since Apr. 1, 1927.

CLASS 29.

BROOMS, BRUSHES, AND DUSTERS.

Ser. No. 253,075. THE WOOSTER BRUSH COMPANY, Wooster, Ohio. Filed Aug. 4, 1927.

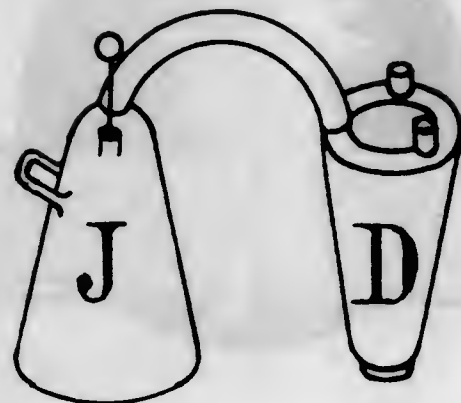
HIP-FIT

Particular description of goods.—Paint and Varnish Brushes and Dusters.
Claims use since May 30, 1927.

CLASS 31.

FILTERS AND REFRIGERATORS.

Ser. No. 246,481. MAISON JOURDIN ET DAUBRAY, Gennevilliers, France. Filed Mar. 28, 1927.



No claim is made to the representation of the goods except in connection with the mark shown in the drawing.
Particular description of goods.—Refrigerators.
Claims use since Mar. 11, 1927.

CLASS 32.

FURNITURE AND UPHOLSTERY.

Ser. No. 239,984. DAVID KURKCHIE, doing business as The American Bedding Company, Schenectady, N. Y. Filed Nov. 12, 1926.



The words "Guaranteed Quality as Represented" are not claimed as part of the trade-mark for the purpose of its registration.

Particular description of goods.—Cushions, Pillows, and Mattresses.

Claims use since Feb. 15, 1917.

CLASS 34.

HEATING, LIGHTING, AND VENTILATING APPARATUS, NOT INCLUDING ELECTRICAL APPARATUS.

Ser. No. 252,192. ERIZ STOVE & MFG. CO., Erie, Pa. Filed July 18, 1927.

SILVERTONE

Particular description of goods.—Sheet-Metal Oven Linings.

Claims use since Apr. 1, 1927.

CLASS 35.

BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.

Ser. No. 226,333. CUPPLES COMPANY MANUFACTURERS, St. Louis, Mo. Filed Jan. 25, 1926.



No claim is made to the representation of a tire. The trade-mark consists of the letter "C" repeated on the curved sides of the tire on either side of the tread.

Particular description of goods.—Rubber Tires.

Claims use since Jan. 2, 1916.

Ser. No. 234,743. SEARS, ROEBUCK AND CO., Chicago, Ill. Filed July 19, 1926.

HERCULES

Particular description of goods.—Automobile Tires.
Claims use since June 25, 1926.

Ser. No. 252,808. AUTO VITA MANUFACTURING CO., Chicago, Ill. Filed Aug. 1, 1927.

AUTO VITA

Particular description of goods.—Sheet-Rubber Patch Stock and Portable Rubber Tire and Tube Repair Kits.
Claims use since about the month of October, 1924.

Ser. No. 252,809. AUTO VITA MANUFACTURING CO., Chicago, Ill. Filed Aug. 1, 1927.



Particular description of goods.—Sheet-Rubber Patch Stock and Portable Rubber Tire and Tube Repair Kits.
Claims use since about Jan. 1, 1927.

Ser. No. 254,012. CHAS. A. SCHIEREN COMPANY, New York, N. Y. Filed Aug. 26, 1927.



No claim is made to the word "Belting" apart from the other features of the mark.

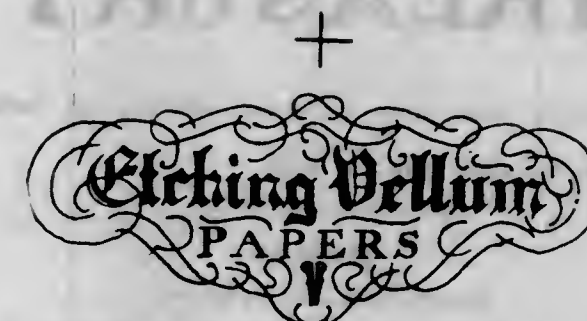
Particular description of goods.—Belting for Power Transmission.

Claims use since about Mar. 1, 1907.

CLASS 37.

PAPER AND STATIONERY.

Ser. No. 234,930. UNITED STATES ENVELOPE COMPANY, Springfield, Mass. Filed July 22, 1926.



No claim is made to the words "Etching Vellum Papers" apart from the mark as shown in the drawing.

Particular description of goods.—Writing Paper, Cards, and Envelopes.

Claims use since June 15, 1926.

Ser. No. 252,532. THE TISSUE CO., Saugerties, N. Y. Filed July 25, 1927.

Nap-Kloth

Applicant disclaims the right to the exclusive use of the word "Kloth" apart from the other features of the mark shown.

Particular description of goods.—Paper Napkins.

Claims use since July 14, 1927.

Ser. No. 252,690. CROMWELL PAPER CO., Chicago, Ill. Filed July 29, 1927.



The word "Tympan" does not form a part of the registration sought separate from the mark shown in the drawing.

Particular description of goods.—Tympan Paper.
Claims use since Apr. 5, 1927.

Ser. No. 253,240. THE HARDING-JONES PAPER CO., Ex-cello, Ohio. Filed Aug. 9, 1927.

TREASURY

Particular description of goods.—Bond and Ledger Papers.

Claims use since Apr. 11, 1888.

CLASS 38.

PRINTS AND PUBLICATIONS.

Ser. No. 252,881. BUFFALO EVENING NEWS, Buffalo, N. Y. Filed Aug. 2, 1927.

Lucy Lincoln Talks

Particular description of goods.—Newspaper Column Published Daily.

Claims use since 1913.

Ser. No. 252,882. BUFFALO EVENING NEWS, Buffalo, N. Y. Filed Aug. 2, 1927.

KARPE'S COMMENT

Particular description of goods.—Newspaper Column Published Daily.

Claims use since 1915.

Ser. No. 253,288. NEW YORK PHARMACEUTICAL CONFERENCE, INC., New York, N. Y. Filed Aug. 10, 1927.

The NEW YORK PHARMACIST

Particular description of goods.—Periodical.

Claims use since on or about May, 1925.

Ser. No. 253,443. THE SUNDAY SCHOOL TIMES COMPANY, Philadelphia, Pa. Filed Aug. 13, 1927.

The Sunday School Times

Particular description of goods.—Weekly Magazine.

Claims use since Nov. 3, 1900.

Ser. No. 253,505. THE JOURNAL & TRIBUNE COMPANY, Knoxville, Tenn. Filed Aug. 15, 1927.

The Knoxville Journal

Particular description of goods.—Newspapers.

Claims use since on or about Feb. 10, 1925.

Ser. No. 253,559. WILLIAM R. WOOD, Huntington, W. Va. Filed Aug. 16, 1927.

THIS WEEK IN HUNTINGTON



Particular description of goods.—Weekly Publication.

Claims use since Aug. 7, 1927.

CLASS 39.

CLOTHING.

Ser. No. 230,351. PENNSYLVANIA SILK HOSIERY MILLS, INC., Bangor, Pa. Filed Apr. 17, 1926.

ROMAN STRIPE

Particular description of goods.—Hosiery.

Claims use since Mar. 12, 1926.

Ser. No. 239,218. ABRAHAM & STRAUS, INC., New York, N. Y. Filed Oct. 26, 1926.

RIVIERA

Particular description of goods.—Leather Gloves.

Claims use since about 1908.

Ser. No. 245,074. SAMUEL TREINIS, doing business as Treinis Brothers, Brooklyn, N. Y. Filed Mar. 1, 1927.



Particular description of goods.—Hosiery and Knitted Wearing Apparel—Namely, Golf Hose, Sport Hose, Bathing Suits, Jerseys, Knitted Sport Coats and Sweaters—for Men, Women, and Children.

Claims use since Feb. 10, 1927.

Ser. No. 245,847. MANDEL & COHEN, New York, N. Y. Filed Mar. 16, 1927.

SPICK and SPAN

Particular description of goods.—Knitted Underwear for Women and Children—Namely, Hosiery, Vests, Drawers, Union Suits, Brassières, Girdles, and Combinations of Chemise.

Claims use since May 1, 1919.

Ser. No. 246,726. THE WINONA MILLS COMPANY, New Haven, Conn. Filed Mar. 31, 1927.



Particular description of goods.—Hosiery, Sweaters, and Underwear of Knitted or Textile Fabrics for Men, Women, and Children.

Claims use since 1890.

Ser. No. 248,947. PAUL C. WOLFER COMPANY, Everett, Mass. Filed May 12, 1927.

AIRO HEEL REST

Applicant disclaims exclusive right to the words "Heel Rest" except in the combination as shown in the drawing.

Particular description of goods.—Resilient Inserts for Boots and Shoes Made Wholly or in Part of Leather, Rubber, Fiber, or Textile Material.

Claims use since Apr. 2, 1927.

Ser. No. 248,948. PAUL C. WOLFER COMPANY, Everett, Mass. Filed May 12, 1927.

Air-O-Pedic Arch

Particular description of goods.—Men's, Women's, and Children's Boots and Shoes Made Wholly or in Part of Leather, Rubber, Fiber, or Textile Material.

Claims use since Apr. 2, 1927.

Ser. No. 249,155. CHANDLER & CO., INC., Boston, Mass. Filed May 18, 1927.



The word "Brand" is disclaimed apart from the mark shown.

Particular description of goods.—Hosiery.

Claims use since Mar. 16, 1918.

Ser. No. 249,862. HENRY PERLA, doing business as Biltmore Shirt Company and The Perla Shirt Co., New York, N. Y. Filed June 1, 1927.

Biltmore

Particular description of goods.—Men's Negligee Shirts.

Claims use since Feb. 23, 1926.

Ser. No. 249,890. JAMES A. HEARN & SON, INC., New York, N. Y. Filed June 2, 1927.



No claim being made to the exclusive use of the word "Styl" apart from the mark shown in the drawing, without, however, waiving the right to use the said word to form the complete mark.

Particular description of goods.—Hosiery.

Claims use since Apr. 15, 1922.

Ser. No. 250,205. ALFRED L. SIMON & COMPANY, New York, N. Y. Filed June 8, 1927.

OSMITE

Particular description of goods.—Leather Shoes, Belts for Outer Wear, and Women's and Misses' Hats.
Claims use since Dec. 1, 1926.

Ser. No. 250,470. MILWAUKEE GLOVE COMPANY, Milwaukee, Wis. Filed June 13, 1927. Under section 5b of the act of 1905 as amended in 1920.

TUF-NUT

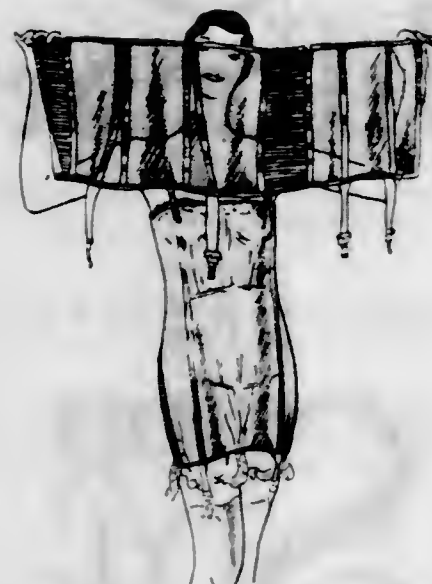
Applicant owns registration No. 76,153.
Particular description of goods.—Cloth and Combination Leather and Cloth Gloves and Mittens.
Claims use since Feb. 10, 1922.

Ser. No. 251,252. THE WARNER BROTHERS COMPANY, New York, N. Y.; Chicago, Ill.; and Bridgeport, Conn. Filed June 28, 1927.

SHADOW

Particular description of goods.—Corsets, Girdles, Brassières, Bandeaux, Combination Corset-Brassières, Combination Girdle-Brassières, Combination Corset-Bandeaux, and Combination Girdle-Bandeaux.
Claims use since Nov. 1, 1926.

Ser. No. 251,253. THE WARNER BROTHERS COMPANY, New York, N. Y.; Chicago, Ill.; and Bridgeport, Conn. Filed June 28, 1927.



No registration rights are claimed in the pictorial representation of a corset apart from the mark shown in the drawing. The representation of the woman shown in the drawing is fanciful.

Particular description of goods.—Corsets, Girdles, Brassières, Bandeaux, Combination Corset-Brassières, Combination Girdle-Brassières, Combination Corset-Bandeaux, and Combination Girdle-Bandeaux.
Claims use since Nov. 1, 1926.

Ser. No. 251,277. PAUL KOHLOFF, Maniatoneck, N. Y. Filed June 29, 1927.



No claim is made to the words "N. Y.," "Lindy," and "Paris" or to the representation of the goods apart from the mark shown.

Particular description of goods.—Women's and Men's Hats.
Claims use since June 4, 1927.

Ser. No. 251,415. SCHENKER, MICHEL & WEINSTOCK, INC., Chicago, Ill. Filed July 1, 1927.



The use of the word "Coat" is disclaimed except when used in conjunction with the mark as shown on the drawing.

Particular description of goods.—Ladies' Coats.
Claims use since Apr. 27, 1927.

Ser. No. 251,536. LESTER T. BLOOM, doing business as Ted's Clothes Shop, Louisville, Ky. Filed July 6, 1927.

UTELL'EM

Particular description of goods.—Men's Clothing—Namely, Suits, Coats, Trousers, Topcoats, Overcoats, Gabardines, Dress Shirts, Undershirts of Knitted or Textile Fabric, and Hats.
Claims use since about Mar. 1, 1927.

Ser. No. 251,611. THE CROFT & KNAPP CO., South Norwalk, Conn. Filed July 7, 1927.

Auto-tire

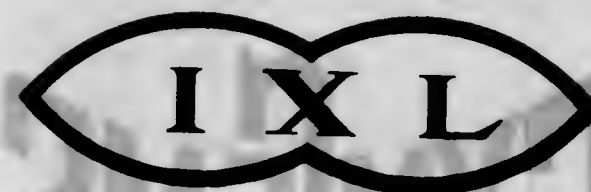
Particular description of goods.—Caps for Men.
Claims use since Jan. 1, 1927.

Ser. No. 251,764. J. B. McGRATH, doing business as Premier Glove Company, Minneapolis, Minn. Filed July 9, 1927.



Particular description of goods.—Cloth Work Gloves.
Claims use since Mar. 16, 1927.

Ser. No. 251,805. THE WESTERN SHOE CO., Toledo, Ohio. Filed July 9, 1927.



Particular description of goods.—Shoes in Whole or in Part of Leather.
Claims use since 1884.

Ser. No. 251,953. LEO M. COOPER, doing business as Leo M. Cooper Co., New York, N. Y. Filed July 13, 1927.

INDIAN HEAD



No claim is made to the exclusive use of words "Nurses' Uniforms" apart from the trade-mark shown in the drawing and the same is therefore disclaimed.

Particular description of goods.—Uniform Dresses for Use by Nurses, Domestic Servants, Waitresses, Female Factory Employees, Female Employees, and for Use in Household, Factory, Store, and Hospital Work.
Claims use since Jan. 1, 1927.

Ser. No. 252,156. KRAMER HOSIERY CO., Chicago, Ill. Filed July 16, 1927.



Particular description of goods.—Hosiery.
Claims use since Oct. 1, 1926.

Ser. No. 252,160. J. N. LEVENE CO. INC., New York, N. Y. Filed July 16, 1927.

THE Follies

Particular description of goods.—Ladies' Envelope Chemises, Nightgowns, Dance Sets, Step-Ins, Drawers, Bloomers, Vests, and Pyjamas of Textile Fabrics.
Claims use since July 1, 1927.

Ser. No. 252,222. CHARLES S. SCALIR, Long Beach, Calif. Filed July 18, 1927.

Wairmour

Particular description of goods.—Men's, Women's, and Children's Hosiery.
Claims use since July 9, 1927.

Ser. No. 252,384. HARRIS RAINCOAT COMPANY, New York, N. Y. Filed July 21, 1927.

The Harrister

Particular description of goods.—Waterproofed Clothing—Namely, Raincoats and Rain Capes for Men, Women, and Children.
Claims use since July 8, 1927.

Ser. No. 252,439. THE RABHOR COMPANY, South Norwalk, Conn. Filed July 22, 1927.

DOMINO

Particular description of goods.—Bath Robes.
Claims use since February, 1927.

Ser. No. 252,567. REAL SILK HOSIERY MILLS, INC., Indianapolis, Ind. Filed July 26, 1927.



No claim is made to the expressions "Real Silk," "Indianapolis," and "From Mill to Millions" apart from the mark as shown on the drawings. The shading on the drawing indicates contrasting color; that is to say, inasmuch as the contrasting color is a characteristic feature of the mark, this is indicated; the major portion including the seal being indicated as gold or gilt, at least some of the lettering as blue or purplish-blue, and the background of the expression, "From Mill to Millions" is white, the lettering of the slogan being in this instance blue, although the mark is also used with the lettering in gold and other colors.

Particular description of goods.—Hosiery.
Claims use since Oct. 9, 1926.

Ser. No. 252,569. SIMON M. SCHACHTER, Atlanta, Ga. Filed July 26, 1927.



Particular description of goods.—Men's Dress, Negligee, and Work Shirts, Underwear of Textile Fabric, Pyjamas, and Neckties.
Claims use since July 5, 1927.

Ser. No. 252,674. BERNE MANUFACTURING COMPANY, Berne, Ind. Filed July 29, 1927.

BERMACO

Particular description of goods.—Overalls and Work Shirts as Well as Flannel Shirts for Outer Wear for Men and Boys.
Claims use since 1923.

Ser. No. 252,675. THE F. S. BIXLER COMPANY, Easton, Pa. Filed July 29, 1927.

Truworth

Particular description of goods.—Men's and Boys' Work and Dress Trousers.
Claims use since Sept. 18, 1925.

Ser. No. 252,677. F. BRODY & SONS CO., Des Moines, Iowa. Filed July 29, 1927.



Particular description of goods.—Negligee, Work, and Dress Shirts; Textile Underwear for Men, Women, and Children; Pyjamas and Nightshirts for Men, Women, and Children.
Claims use since 1921.

Ser. No. 252,692. DABRO MANUFACTURING COMPANY, INC., New York, N. Y. Filed July 29, 1927.

GYM GEMS

Particular description of goods.—Men's and Boys' Underwear Made of Knitted or Textile Fabrics.
Claims use since July 14, 1927.

Ser. No. 252,718. S. LIEBOVITZ & SONS, INC., New York, N. Y. Filed July 29, 1927.

Royal English

The word "English" is disclaimed apart from the mark shown in the drawing.

Particular description of goods.—Men's Negligee, Work, and Dress Shirts; Nightshirts, Pyjamas, and Boys' Negligee Blouses.
Claims use since July 1, 1924.

Ser. No. 252,723. NANTEX MFG. CO., INC., New York, N. Y. Filed July 29, 1927.



Particular description of goods.—Athletic Textile Underwear for Men, Women, and Children—Namely, Union Suits, Drawers, and Undershirts.
Claims use since Jan. 1, 1923.

Ser. No. 252,724. NEUSTADTER BROS., San Francisco, Calif. Filed July 29, 1927.



"Hilbak" is hereby disclaimed apart from the drawing shown.

Particular description of goods.—Men's and Boys' Overalls, Coveralls, Jumpers, Negligee and Work Shirts, and Textile Underwear.
Claims use since January, 1920.

Ser. No. 252,728. POOL MFG. CO., Sherman, Tex. Filed July 29, 1927.



The surname "Pool's" and the term "Sweetpruf" are both hereby disclaimed apart from the drawing shown.

Particular description of goods.—Pants and Negligee and Work Shirts for Men and Boys.
Claims use since January, 1926.

Ser. No. 252,861. OLIVER BROTHERS, Philadelphia, Pa. Filed Aug. 1, 1927.

DARTEX

Particular description of goods.—Ladies' Hosiery.
Claims use since July 1, 1927.

Ser. No. 252,926. ALLEN SHIRT CO., Nashville, Tenn. Filed Aug. 3, 1927.

SILVER STAR

Particular description of goods.—Work Shirts, Dress Shirts; Boys' Dress, Negligee, and Work Shirts and Blouses, Overalls, and One-Piece Play Suits.
Claims use since September, 1926.

Ser. No. 252,927. ALLEN SHIRT CO., Nashville, Tenn. Filed Aug. 3, 1927.

GOLD STAR

Particular description of goods.—Work Shirts, Dress Shirts; Boys' Dress, Negligee, and Work Shirts and Blouses, Overalls, and One-Piece Play Suits.
Claims use since September, 1926.

Ser. No. 252,965. JAMESVILLE CLOTHING CO., Janesville, Wis. Filed Aug. 3, 1927.

Happy Child

Particular description of goods.—Children's Play Suits of One and Two Pieces, Children's Rompers and Overalls.
Claims use since January, 1927.

Ser. No. 253,154. S. H. KAESS & CO., New York, N. Y. Filed Aug. 6, 1927.

CYCLOPS

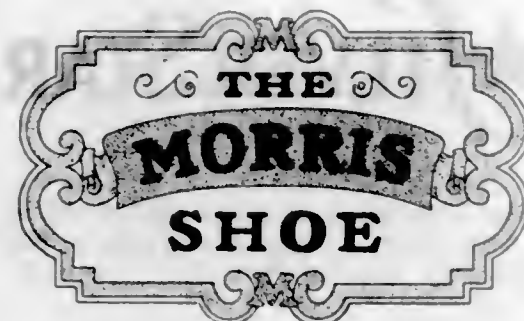
Particular description of goods.—Hosiery.
Claims use since July 5, 1927.

Ser. No. 253,155. S. H. KAESS & CO., New York, N. Y. Filed Aug. 6, 1927.

MISS JEAN

Particular description of goods.—Hosiery.
Claims use since July 5, 1927.

Ser. No. 253,214. MORRIS BROS. SHOE COMPANY, Quincy, Ill. Filed Aug. 8, 1927.



No claim is made to the word "Shoe" apart from the mark shown in the drawing.

Particular description of goods.—Leather Boots and Shoes.

Claims use since July 15, 1927.

Ser. No. 253,246. PERKINS DRY GOODS COMPANY, Dallas, Tex. Filed Aug. 9, 1927.

CHERRIE BELLE

Particular description of goods.—Ladies' House Dresses and Aprons.

Claims use since Mar. 30, 1927.

Ser. No. 253,347. AMAZON KNITTING COMPANY, Muskegon, Mich. Filed Aug. 12, 1927.

YOU-T-WEAR

Particular description of goods.—Underwear Made of Knit Fabric for Men, Women, and Children.

Claims use since May, 1927.

Ser. No. 253,366. FAIRY BRASSIERS CO., INC., New York, N. Y. Filed Aug. 12, 1927.



No claim is made to the words shown on the drawing. Particular description of goods.—Brassières, Girdles, and Combination Brassières and Corsets of Textile and Netted Fabric.

Claims use since May, 1927.

Ser. No. 253,413. GLIDDEN HYDE CO., Boston, Mass. Filed Aug. 13, 1927.



Particular description of goods.—Hosiery. Claims use since July 8, 1927.

Ser. No. 253,414. GLIDDEN HYDE CO., Boston, Mass. Filed Aug. 13, 1927.



Particular description of goods.—Hosiery. Claims use since July 8, 1927.

Ser. No. 253,415. GLIDDEN HYDE CO., Boston, Mass. Filed Aug. 13, 1927.



Particular description of goods.—Hosiery. Claims use since July 8, 1927.

Ser. No. 253,416. GLIDDEN HYDE CO., Boston, Mass. Filed Aug. 13, 1927.

ON TOP OF THE WORLD

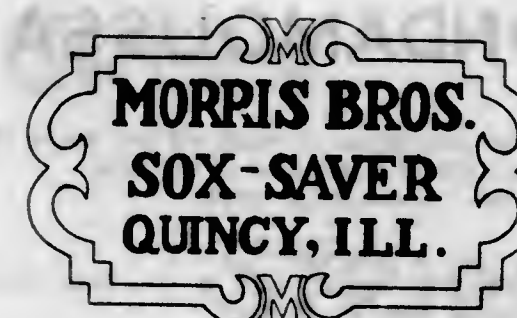
Particular description of goods.—Hosiery. Claims use since Mar. 1, 1927.

Ser. No. 253,468. HART, SCHAFFNER & MARX, Chicago, Ill. Filed Aug. 15, 1927.

GREYHOUNDS

Particular description of goods.—Men's Suits and Coats. Claims use since Aug. 4, 1927.

Ser. No. 253,509. MORRIS BROS. SHOE CO., Quincy, Ill. Filed Aug. 15, 1927.



No claim is made to the geographical expression "Quincy, Ill.," nor to the words "Sox Saver" apart from the mark shown in the drawing.

Particular description of goods.—Leather Boots and Shoes.

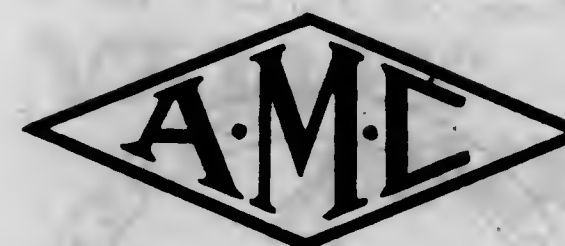
Claims use since Aug. 1, 1927.

Ser. No. 253,524. ASSOCIATED MERCHANDISING CORPORATION, New York, N. Y. Filed Aug. 16, 1927.

Aimcee

Particular description of goods.—Hosiery. Claims use since Apr. 1, 1927.

Ser. No. 253,528. ASSOCIATED MERCHANDISING CORPORATION, New York, N. Y. Filed Aug. 16, 1927.



Particular description of goods.—Pyjamas. Claims use since May 1, 1927.

Ser. No. 253,535. THE EXPRESS RUBBER CO., LIMITED, London, England. Filed Aug. 16, 1927.

TOPICAL

Particular description of goods.—Waterproof and Rain-proof Coats. Claims use since May, 1925.

Ser. No. 253,664. MAX ROUNICK INC., Philadelphia, Pa. Filed Aug. 18, 1927.



Particular description of goods.—Men's, Women's, and Children's Hosiery.

Claims use since April, 1925.

Ser. No. 253,855. ISIDORE PANES, New York, N. Y. Filed Aug. 23, 1927.

"SIRCEE"

Particular description of goods.—Brassières, Corsets, Girdles, Combination Corset-Brassières Made of Textile Fabric.

Claims use since June 15, 1927.

Ser. No. 253,996. THE B. F. GOODRICH COMPANY, New York, N. Y. Filed Aug. 26, 1927.

LO-N-HI

Particular description of goods.—Overshoes Made of Rubber and Fabric.

Claims use since about Apr. 20, 1927.

CLASS 40.

FANCY GOODS, FURNISHINGS, AND NOTIONS.

Ser. No. 250,202. ALFRED L. SIMON & COMPANY, New York, N. Y. Filed June 8, 1927.

OSMITE

Particular description of goods.—Artificial Flowers, Artificial Leaves, and Telephone Screens. Claims use since Dec. 1, 1926.

CLASS 41.

CANES, PARASOLS, AND UMBRELLAS.

Ser. No. 253,487. HAROLD WEBER, doing business as The Golf Umbrella Company, Toledo, Ohio. Filed Aug. 15, 1927.

GOLFBRELLA

Particular description of goods.—Umbrellas. Claims use since Aug. 1, 1927.

CLASS 42.

KNITTED, NETTED, AND TEXTILE FABRICS.

Ser. No. 228,251. LEONHARD KOCH, doing business as Koch & Te Kock, Oelsnitz, Germany. Filed Mar. 6, 1926.



Particular description of goods.—Carpets.
Claims use since October, 1892.

Ser. No. 239,594. LOUIS ROESSEL & Co., INC., Hazleton, Pa. Filed Nov. 2, 1926.

Gala Crepe

No claim is made to the word "Crepe" apart from the mark shown.

Particular description of goods.—Silk Goods in the Piece.

Claims use since Oct. 20, 1926.

Ser. No. 250,078. GUSTAV GRABOSKI, New York, N. Y. Filed June 6, 1927.

THE
PURITAN MAID



BRAND

The word "Brand" is disclaimed apart from the mark shown. The lining in the drawing does not indicate color.

Particular description of goods.—Velvet Ribbons and Ribbons Made of Silk, Cotton, Rayon, Pure Dye, Yarn Dye, Piece Dye, Plain Weaves, Fancy Weaves, and Mixtures in the Piece.

Claims use since May 1, 1926.

Ser. No. 252,976. F. A. PATRICK & Co., Duluth, Minn. Filed Aug. 3, 1927.

"POINT"

Particular description of goods.—Blankets of Cotton, Wool, and Cotton-Wool Mixtures.

Claims use since Apr. 1, 1926.

Ser. No. 253,633. SOCIÉTÉ ANONYME RODIER, Paris, France. Filed Aug. 17, 1927.

ONDAMOUSSA

Particular description of goods.—Piece Goods of Wool, Cotton, and Silk and Mixtures of the Same.

Claims use since Apr. 22, 1927.

Ser. No. 253,729. R. H. MACY & Co., INC., New York, N. Y. Filed Aug. 19, 1927.

Marchioness

Particular description of goods.—Glove Silk in the Piece.

Claims use since 1913.

CLASS 44.

DENTAL, MEDICAL, AND SURGICAL APPLIANCES.

Ser. No. 253,527. ASSOCIATED MERCHANDISING CORPORATION, New York, N. Y. Filed Aug. 16, 1927.

ALDINE

Particular description of goods.—Absorbents as of Cotton or the Like.

Claims use since May 25, 1927.

CLASS 45.

BEVERAGES, NONALCOHOLIC.

Ser. No. 250,437. CALIFORNIA FRUIT JUICE COMPANY, San Francisco, Calif. Filed June 13, 1927.



The words "Orange" and "Oranges" appearing in the drawing are disclaimed except in the association shown.

Particular description of goods.—Nonalcoholic, Maltless Fruit Juices Sold as Soft Drinks.

Claims use since Jan. 1, 1925.

Ser. No. 252,684. COCA COLA BOTTLING COMPANY OF LOS ANGELES, Los Angeles, Calif. Filed July 29, 1927.

GREEN

STRIPE

Particular description of goods.—Nonalcoholic, Maltless Beverages Used as Soft Drinks, and Sirups, Extracts, and Concentrates for Preparing Same, Carbonated Beverages, Fountain Sirups, Bottlers' Sirups and Extracts.

Claims use since July 1, 1925.

Ser. No. 253,551. SEILHEIMER BEVERAGE CO. INC., Hackensack, N. J. Filed Aug. 16, 1927.



Trade-mark "So-da-lirious" in red diamond.

Particular description of goods.—Carbonated, Nonalcoholic, Noncereal, Maltless Beverages Sold as Soft Drinks.

Claims use since July 22, 1922.

Ser. No. 254,094. GEO. W. PEVERLEY, doing business as Geo. W. Peverley Co., Pacoima, Calif. Filed Aug. 29, 1927.

VALLEY CLUB

Particular description of goods.—Nonalcoholic, Maltless Beverage Sold as Soft Drinks and Sirups for Making the Same.

Claims use since June 14, 1924.

CLASS 46.

FOODS AND INGREDIENTS OF FOODS.

Ser. No. 209,540. ALBERT MUSER, doing business as Muser and Company, Washington, D. C. Filed Feb. 13, 1925.

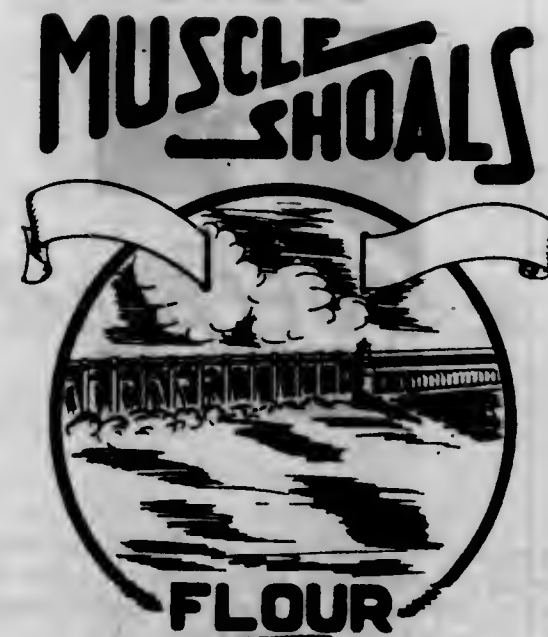
SHUM SHUM

Particular description of goods.—Table Sirups, Dried Milk, Mayonnaise, Canned Fruits, Catchup, Soy-Bean Flours, Coffee, Dried Fruits, Peanut Butter, Candy; Vege-

table-Meat Extract—Namely, a Soluble Vegetable Protein Extract Having a Meatlike Flavor; Cake, Food Flavorings, and Jams.

Claims use since Feb. 12, 1925.

Ser. No. 233,173. W. M. COSBY FLOUR & GRAIN CO., Birmingham, Ala. Filed June 14, 1926.



No claim is made to the word "Flour" or the words "Muscle Shoals" apart from the mark shown.

Particular description of goods.—Wheat Flour and Self-Rising Flour.

Claims use since June 10, 1926.

Ser. No. 233,287. B. WESTERGAARD & Co., Brooklyn, N. Y. Filed June 15, 1926.



The portrait of the girl shown on the drawing and specimens is merely fanciful.

Particular description of goods.—Cheese.

Claims use since about Mar. 17, 1925.

Ser. No. 236,413. COMMERCIAL IMPORTING CO. INC., Seattle, Wash. Filed Aug. 25, 1926.



The surname "Lawson" and all the reading matter on the drawing are disclaimed apart from the other features of the mark. The symbol of a coffee pot is disclaimed apart from the other features of the mark.

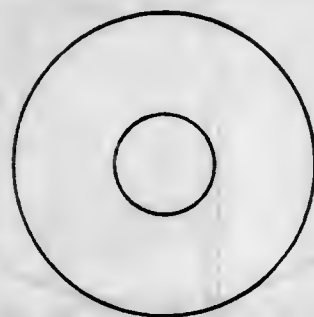
Particular description of goods.—Coffee.
Claims use since Sept. 1, 1924.

Ser. No. 242,356. TILDEN PRODUCE COMPANY, St. Paul, Minn. Filed Jan. 4, 1927.

Clover Leaf

Particular description of goods.—Butter, Eggs, and Cheese.
Claims use since 1893.

Ser. No. 245,914. LIFE SAVERS, INC., Port Chester, N. Y. Filed Mar. 17, 1927.



Particular description of goods.—Candy, Chewing Gum, and Candy and Chewing Gum Confections.
Claims use since Dec. 29, 1921.

Ser. No. 247,270. A. C. L. HAASE & SONS FISH CO., St. Louis, Mo. Filed Apr. 11, 1927.

MAGIC CIRCLE

Particular description of goods.—Canned Fish, Pickles, and Olives.

Claims use since 1910 on canned fish and January, 1924, on olives and pickles.

Ser. No. 247,962. S. S. PIERCE CO., Boston, Mass. Filed Apr. 25, 1927.



Applicant is the owner of registrations Nos. 32,109, 36,476, 33,068, 35,834, 56,627, 55,219, 58,135, 58,155, 62,560, 107,095, 181,676, 223,788, and 131,820.

Particular description of goods.—Fresh, Dried, and Stuffed Fruits, Raisins, Canned and Preserved Fruits, Fruit Preserves and Marmalades; Jams and Jellies; Pickled Fruits, Fruits in Grenadine, Fruits (Maraschino Type), Spiced Fruits, Candied Fruits, Candied Fruit Peels, Fruit Confections, Bread, Crackers, Biscuit, Wafers, Cakes and Macaroons, Fruit Cakes, Honey, Table Sirup, Molasses, Tapioca, Sago, Condensed and Evaporated Milk, Malt Sirup, Canned Vegetables, Dried Vegetables, Dehydrated Vegetables, Vegetables in Glass, Pickles, Sweet Pickles, Olives, Stuffed Olives, Pickled Limes, Gherkins, Canned and Dried Fish, Canned Shrimp, Canned Shad Roe, Canned Shellfish; Canned Meats—Namely, Canned Tongue, Canned Beef, Potted Ham, Sliced Beef, and Boned Chicken; Meats in Glass, Dried, Smoked, and Cured Meats—Namely, Bacon, Ham, Roast Ham, Chipped Beef; Teas and Coffees, Coffee Blend, Invalid Coffee, Cocoa, Chocolate, Canned Soups, Cheese, and Butter, Lard and Lard Substitute, Peanut Butter, Eggs, Gelatin; Herbs and Spices—Namely, Sage, Marjoram, Thyme, Cloves, Cinnamon, Mace, Savory, Cassia, Mustard, Mustard Seed, Paprika, Allspice, Nutmeg, Capers, Jamaica Ginger for Use as a Food or Food Flavoring, Dried Ginger, Extract of Ginger, Food-Flavoring Extracts, Celery Salt; Condiments—Namely, Salad Dressing, Vinegar, Pepper Sauce, Tomato Catchup; Oyster-Cocktail Sauce, Pudding Sauce; Sauces for Soup, Fish, and Meats; Relishes—Namely, Caviar and Anchovy; Russian Dressing, Thousand Island Dressing, Chili Sauce, Chili Powder, Curry Powder, Pepper, Poultry Seasoning and Cranberry Sauce; Wheat Flour, Rye Flour, Buckwheat, Pancake Flour, Graham Flour, Whole-Wheat Cereal, Cracked-Wheat Cereal, Corn Meal, Hominy, Packaged Barley, Rolled Oats, Rice, Breakfast Cereals, Macaroni, Spaghetti, Vermicelli, Cornstarch, Potato Flour; Candies—Namely, Chocolates, Assorted Candies, Bonbons, Butter-scotch, Caramels; Cocohut Cakes; Fruits, Glacé and Crystallized; Crystallized Ginger, Glacé Candies, Glacé Paste, Sugar-Coated Nuts, Gumdrops, Hard Candies, Kisses, Marshmallows, Mints, Nuts in Their Natural State, Nut Meats, Fruit and Nut Pastes; Marrons, Glacé, Nougats, and Other Candies; and Bird Foods, Such as Canary Seed, Rape Seed, Millet Seed, Hemp Seed, Mixed Birdseed, Parrot Food, and Bird Gravel.
Claims use since May 1, 1877.

Ser. No. 248,085. CARMELO CAPUTO, doing business as Imperial Baking Company, Brooklyn, N. Y. Filed Apr. 28, 1927.



No claim is made to the word "Imperial" apart from the mark as shown.

Particular description of goods.—Bread, Rolls, Crackers, Pastries, Bread Meal, and Cracker Meal.
Claims use since about April, 1926.

Ser. No. 248,432. PACIFIC COAST CANNERS, INC., Oakland, Calif. Filed May 4, 1927.

Miss California

Particular description of goods.—Canned Fruits.
Claims use since June 27, 1924.

Ser. No. 248,433. PACIFIC COAST CANNERS, INC., Oakland, Calif. Filed May 4, 1927.

NAPACO

Particular description of goods.—Canned Fruits, Canned Vegetables, Tomato Catchup, and Canned Dill Pickles.
Claims use since Dec. 14, 1922.

Ser. No. 248,585. BEN MEISNER, Detroit, Mich. Filed May 6, 1927.



B. & M.

The portrait is that of the applicant.
Particular description of goods.—Malt Sirup.
Claims use since January, 1922.

363 O. G.—16

Ser. No. 248,672. THE CENTRAL WEST PRODUCTS COMPANY, Grand Rapids, Mich. Filed May 9, 1927.

Old Knickerbocker

Particular description of goods.—Malt Extract.
Claims use since on or about Apr. 20, 1927.

Ser. No. 249,705. EDNA S. CLUEVER, doing business as Melo Cream Distributing Co., Chicago, Ill. Filed May 28, 1927.

St. Ruves

Particular description of goods.—Malt Extract.
Claims use since May 11, 1927.

Ser. No. 251,303. RANDAL McMILLAN, Palo Alto, Calif. Filed June 29, 1927.



No claim is made to the word "Coffee" apart from the mark as shown.

Particular description of goods.—Coffee.
Claims use since Apr. 1, 1927.

Ser. No. 251,418. ARTHUR H. STURGES, doing business as Sturges Manufacturing Company, Omaha, Nebr. Filed July 1, 1927.



No claim is made to the words "New York" or "Paris" apart from the mark as shown in the drawing.

Particular description of goods.—Confections—Namely, Ice Cream Covered with Chocolate, and Candy Bars.
Claims use since June 20, 1927.

Ser. No. 251,691. HUGH B. SPROUL, doing business as Swoope Milling Company, Swoope, Va. Filed July 8, 1927.



The shading is for red.
Particular description of goods.—Self-Rising Flour.
Claims use since June 1, 1927.

Ser. No. 251,846. WM. ALEXANDER LAMB, doing business as Rogers Chocolate Company, Victoria, British Columbia, Canada. Filed July 11, 1927.



Applicant disclaims the right to the exclusive use of "Established 1885" apart from the mark shown.
Particular description of goods.—Candies.
Claims use since 1885.

Ser. No. 252,219. MAX A. REX, doing business as California Sea Food Co., Los Angeles, Calif. Filed July 18, 1927.

RESULTS

Particular description of goods.—Canned Tunny and Canned Sardines.
Claims use since June 16, 1927.

Ser. No. 252,223. JACK SCHULZE, Burley, Idaho. Filed July 18, 1927.



The descriptive notation "Idaho Potatoes" and the word "Brand" as set out in said trade-mark, together with the lining for color shown on the drawing, are hereby disclaimed.

Particular description of goods.—Potatoes in a Natural State.
Claims use since Feb. 1, 1927.

Ser. No. 252,687. COLLEGE HEIGHTS ORANGE AND LEMON ASS'N., Claremont, Calif. Filed July 29, 1927.

COLLEGE HEIGHTS

Particular description of goods.—Fresh Citrous Fruits—Namely, Oranges, Lemons, and Grapefruit.
Claims use since Jan. 5, 1917.

Ser. No. 252,758. CALIFORNIA COMMERCIAL CO., San Francisco, Calif. Filed July 30, 1927.

TOPSY-TURVY

Particular description of goods.—Canned Fruits, Fruit Cocktails, Fruit Salads, Fruit and Nut Salads, Fruit Juices for Food Purposes, Jams, and Jellies.
Claims use since July 27, 1927.

Ser. No. 252,760. CALIFORNIA COMMERCIAL CO., San Francisco, Calif. Filed July 30, 1927.

VIN-PAK

Particular description of goods.—Canned Fruits, Fruit Cocktails, Fruit Salads, Fruit and Nut Salads, Fruit Juices for Food Purposes, Jams, and Jellies.
Claims use since July 27, 1927.

Ser. No. 253,033. MERRELL-SOULE COMPANY, Syracuse, N. Y. Filed Aug. 4, 1927.



The portrait shown in the drawing accompanying this application is fanciful.

Particular description of goods.—Lemon Pie Filling.
Claims use since July 25, 1927.

Ser. No. 253,038. NEW ENGLAND FISH CO., Seattle, Wash. Filed Aug. 4, 1927.

Old Salt

Particular description of goods.—Canned Salmon.
Claims use since Mar. 1, 1927.

Ser. No. 253,041. NEW ENGLAND FISH CO., Seattle, Wash. Filed Aug. 4, 1927.

Racer

Particular description of goods.—Canned Salmon.
Claims use since Mar. 1, 1927.

Ser. No. 253,086. LESTER COLLINS, Moorestown, N. J. Filed Aug. 5, 1927.



Particular description of goods.—Fresh Apples and Fresh Pears.
Claims use since June 2, 1927.

Ser. No. 253,367. FEESER MACARONI COMPANY, Harrisburg, Pa. Filed Aug. 12, 1927.



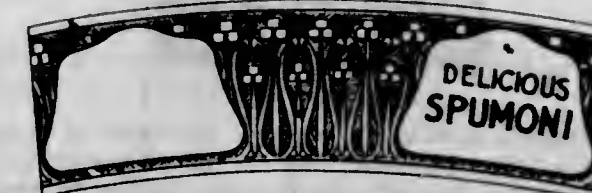
The drawing is lined for red with white letters.
Particular description of goods.—Alimentary Pastes.
Claims use since July 30, 1927.

Ser. No. 253,399. WEATHERSBY-BRUNNER CO., Memphis, Tenn. Filed Aug. 12, 1927.

PIPPIN

Particular description of goods.—Coffee.
Claims use since June, 1925.

Ser. No. 253,444. ENRICO TERRANA, New York, N. Y. Filed Aug. 13, 1927.



The descriptive words, "Delicious Spumoni" and the representation of the label are disclaimed apart from the mark shown on the drawing.

Particular description of goods.—Frozen Confections.
Claims use since about July, 1924.

Ser. No. 253,449. BEVERLY OF CALIFORNIA, Los Angeles, Calif. Filed Aug. 13, 1927.

LINDICHEW

Particular description of goods.—Candy.
Claims use since June 23, 1927.

Ser. No. 253,464. COSBY-HODGES MILLING CO. INC., Birmingham, Ala. Filed Aug. 15, 1927.

ROYAL PALM



Particular description of goods.—Stock and Poultry Feed.
Claims use since Dec. 15, 1926.

Ser. No. 253,519. SMITH, RICHARDSON & CONROY, INC., Jacksonville, Fla. Filed Aug. 15, 1927.



Particular description of goods.—Butter.
Claims use since Mar. 1, 1927.

Ser. No. 253,536. FEESER MACARONI COMPANY, Harrisburg, Pa. Filed Aug. 16, 1927.



The drawing is lined for yellow. No claim is made to the words "Egg Macaroni" nor to the representation of the goods, apart from the mark shown in the drawing.
Particular description of goods.—Alimentary Pastes.
Claims use since July 30, 1927.

Ser. No. 253,556. LOUIS E. TURNAU, doing business as Pastime Malt Syrup Company, Cincinnati, Ohio. Filed Aug. 16, 1927.



Particular description of goods.—Malt Syrup.
Claims use since June 1, 1927.

Ser. No. 253,603. THE OHIO DAIRY CO., Toledo, Ohio. Filed Aug. 17, 1927.



Particular description of goods.—Creamery Butter.
Claims use since 1905.

Ser. No. 253,676. THE BEEBEE COMPANY, Cincinnati, Ohio. Filed Aug. 18, 1927.



No claim is made for the words "Salted in the Shell" aside from the use of the words in combination with the remainder of the mark as shown.
Particular description of goods.—Salted Peanuts.
Claims use since July 1, 1927.

Ser. No. 253,765. NAPOLEON MACARONI MANUFACTURING COMPANY, Los Angeles, Calif. Filed Aug. 20, 1927.

NAPOLEON

Particular description of goods.—Alimentary Pastes.
Claims use since May 25, 1927.

Ser. No. 253,867. CARPINTERIA GREEN LIMA GROWERS, Carpinteria, Calif. Filed Aug. 24, 1927.

CARPLIMA

Particular description of goods.—Green Lima Beans.
Claims use since Aug. 9, 1927.

Ser. No. 253,879. THE FISHER BROS. CO., Cleveland, Ohio. Filed Aug. 24, 1927.

Famous

Particular description of goods.—Bread.
Claims use since Mar. 1, 1916.

Ser. No. 253,929. WOODBRIDGE FRUIT GROWERS ASSOCIATION, Woodbridge, Calif. Filed Aug. 24, 1927.

WOODBRIDGE

Particular description of goods.—Fresh Deciduous Fruits, Fresh Grapes.
Claims use since May 2, 1927.

Ser. No. 254,001. LEWIS-MEARS COMPANY, Boston, Mass. Filed Aug. 26, 1927.

MIDGET

Particular description of goods.—Cheese.
Claims use since June, 1926.

Ser. No. 254,052. THE PURITAN CHOCOLATE COMPANY, Cincinnati, Ohio. Filed Aug. 27, 1927.



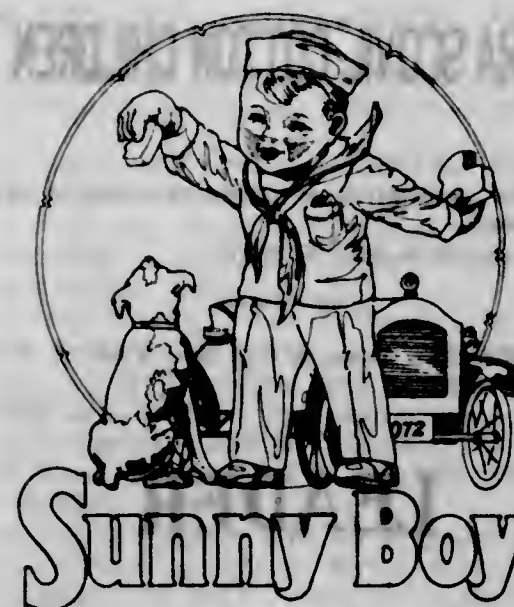
Jenny Lind is the name of the celebrated singer, now deceased, and picture associated with the trade-mark is a portrait of Jenny Lind.
Particular description of goods.—Candy.
Claims use since May 28, 1920.

Ser. No. 254,105. WASHBURN CROSBY COMPANY, Minneapolis, Minn. Filed Aug. 29, 1927.



Particular description of goods.—Wheat Flour.
Claims use since July 14, 1927.

Ser. No. 254,110. THE LARABEE FLOUR MILLS COMPANY, doing business as The Interior Flour Mills Company, Kansas City, Mo. Filed Aug. 29, 1927.



Particular description of goods.—Wheat Flour.
Claims use since July 12, 1927.

Ser. No. 254,113. THE LARABEE FLOUR MILLS COMPANY, doing business as The Interior Flour Mills Company, Kansas City, Mo. Filed Aug. 29, 1927.



Particular description of goods.—Wheat Flour.
Claims use since May 2, 1927.

Ser. No. 254,157. THE TERBETTS & GARLAND STORE, Chicago, Ill. Filed Aug. 30, 1927.

Fanchon

Particular description of goods.—Candy.
Claims use since 1921.

Ser. No. 254,277. FLORIN FRUIT GROWER'S ASSOCIATION, Florin, Calif. Filed Sept. 2, 1927.

X-PRESS

Particular description of goods.—Fresh Fruits—Namely, Grapes and Strawberries.
Claims use since June 7, 1927.

Ser. No. 254,284. IMPERIAL PRODUCE COMPANY, Los Angeles, Calif. Filed Sept. 2, 1927.

INDIO

Particular description of goods.—Fresh Vegetables—Namely, Tomatoes.
Claims use since Apr. 15, 1926.

Ser. No. 254,287. ITEN BISCUIT Co., Omaha, Nebr. Filed Sept. 2, 1927.

PEEK-A-BOO

Particular description of goods.—Crackers, Cakes, and Cookies.
Claims use since July 25, 1927.

Ser. No. 254,304. PRODUCERS PACKING HOUSE CO. INC., Lindsay, Calif. Filed Sept. 2, 1927.

EGNARO

Particular description of goods.—Fresh Citrous Fruits—Namely, Oranges, Lemons, and Grapefruit.
Claims use since Nov. 11, 1912.

Ser. No. 254,309. SUISSON VALLEY FRUIT GROWER'S ASSOCIATION, Suisun, Calif. Filed Sept. 2, 1927.

STATUE

Particular description of goods.—Fresh Fruits—Namely, Cherries and Pears.
Claims use since May 25, 1927.

CLASS 47.

WINES.

Ser. No. 245,730. LANSON PERE & FILS, (SOCIETE A RESPONSABILITE LIMITEE), Rheims, France. Filed Mar. 14, 1927. Under 10-year proviso.



Particular description of goods.—Champagne Wines.
Claims use since Apr. 30, 1845.

Ser. No. 245,731. LANSON PERE & FILS (SOCIETE A RESPONSABILITE LIMITEE), Rheims, France. Filed Mar. 14, 1927. Under 10-year proviso.



Lanson pere & fils
Reims.
Maison fondee en 1765

Particular description of goods.—Champagne Wines.
Claims use since Apr. 30, 1845.

CLASS 50.

MERCHANDISE NOT OTHERWISE CLASSIFIED.

Ser. No. 244,846. ARMACOST & ROYSTON, INC., Los Angeles, Calif. Filed Feb. 25, 1927.

Arm-Roy

Particular description of goods.—Artificial Flowers, Wire Picks, Tinsel, Garlands, Frieze, Roping, Christmas Wreaths, Made of Artificial Material.
Claims use since Nov. 1, 1923.

Ser. No. 252,274. CORA L. SCOVIL, New York, N. Y. Filed July 19, 1927.

CORA SCOVIL "COTTON CHILDREN"

Particular description of goods.—Decorative Manikins or Statuettes.
Claims use since July 8, 1927.

Ser. No. 253,405. ANNIN & Co., New York, N. Y. Filed Aug. 13, 1927.

LEADER

Particular description of goods.—Flags.
Claims use since July 5, 1927.

TRADE-MARK REGISTRATIONS GRANTED

[ACT OF FEBRUARY 20, 1905.]

OCTOBER 11, 1927.

233,715. COAL. WESTERN COAL & COKE Co., Milwaukee, Wis.

Filed May 26, 1927. Serial No. 249,626. PUBLISHED JULY 19, 1927. Class 1.

233,716. HAIR TONICS AND DRESSING, SHAMPOO, LOTIONS FOR FACE AND SKIN. SHIRO NAKAMURA, doing business as Minolyne Products Company, Los Angeles, Calif.

Filed May 27, 1927. Serial No. 249,671. PUBLISHED AUGUST 2, 1927. Class 6.

233,717. SHINGLES OF WOOD. W. G. WHEELER, Rockford, Ill.

Filed May 27, 1927. Serial No. 249,686. PUBLISHED JULY 19, 1927. Class 12.

233,718. FIRE-EXTINGUISHING CONTAINERS AND THEIR APPLIANCES. GENERAL CARBONIC COMPANY, New York, N. Y.

Filed May 28, 1927. Serial No. 249,719. PUBLISHED AUGUST 2, 1927. Class 23.

233,719. WATERPROOF CLOTH, AWNINGS, AND TARPAULINS. THE ALLIGATOR COMPANY, St. Louis, Mo.

Filed May 31, 1927. Serial No. 249,768. PUBLISHED JULY 26, 1927. Class 50.

233,720. SHEETS, GROUND BLANKETS, COVERING BLANKETS, AND CURTAINS MADE OF WATER-PROOFED MATERIAL. THE ALLIGATOR COMPANY, St. Louis, Mo.

Filed May 31, 1927. Serial No. 249,770. PUBLISHED JULY 26, 1927. Class 50.

233,721. A NONALCOHOLIC MALTLESS BEVERAGE SOLD AS A SOFT DRINK. MONROE HARRISON, Chicago, Ill.

Filed May 31, 1927. Serial No. 249,791. PUBLISHED JULY 26, 1927. Class 45.

233,722. REFRIGERATORS AND REFRIGERATING APPARATUS. THE STEEL PRODUCTS ENGINEERING COMPANY, Springfield, Ohio.

Filed May 31, 1927. Serial No. 249,819. PUBLISHED AUGUST 2, 1927. Class 31.

233,723. FRESH CITROUS FRUITS. ORANGE MUTUAL CITRUS ASSOCIATION, Orange, Calif.

Filed June 1, 1927. Serial No. 249,860. PUBLISHED JULY 26, 1927. Class 46.

233,724. COFFEE, CAVIAR, VINEGAR, SOUR TOMATOES, AND EGGS. M. BORTZ COMPANY, Chicago, Ill.

Filed June 2, 1927. Serial No. 249,889. PUBLISHED JULY 26, 1927. Class 46.

233,725. BLADED TOOLS—NAMELY, SHOVELS, ICE SCRAPERS, AND SOD CUTTERS. THE CONESTOGA CORPORATION, Bethlehem, Pa.

Filed June 2, 1927. Serial No. 249,891. PUBLISHED AUGUST 2, 1927. Class 23.

233,726. JOIST HANGERS, WALL HANGERS, POST CAPS AND BASES. THE CONSOLIDATED IRON-STEEL MANUFACTURING COMPANY, Cleveland, Ohio.

Filed June 2, 1927. Serial No. 249,892. PUBLISHED JULY 19, 1927. Class 12.

233,727. DRAPERIES MADE OF COTTON AND SILK OR COTTON TRIMMED WITH SILK OR MADE ENTIRELY OF SILK. JOHN W. HENSON COMPANY, Inc., New York, N. Y.

Filed June 2, 1927. Serial No. 249,900. PUBLISHED AUGUST 2, 1927. Class 42.

233,728. LEATHER FOR COVERING ROLLERS.

FRANK W. McLATHAN, doing business as F. W. McLATHAN & SON, Lawrence, Mass.

Filed June 2, 1927. Serial No. 249,914. PUBLISHED AUGUST 2, 1927. Class 1.

233,729. TOY AUTOMOBILES. ALUMINUM INDUSTRIES, Inc., Cincinnati, Ohio.

Filed June 4, 1927. Serial No. 250,006. PUBLISHED JULY 26, 1927. Class 22.

233,730. ADZES, AXES, BUSH HOOKS, GRASS HOOKS, GRUB HOES, HAMMERS, HATCHETS, MACHETES, MATTOCKS, PICKS, AND SCYTHES. KELLY AXE & TOOL Co., Inc., Charleston, W. Va., and New York, N. Y.

Filed June 4, 1927. Serial No. 250,026. PUBLISHED AUGUST 2, 1927. Class 23.

233,731. RECTAL SUPPOSITORIES FOR THE TREATMENT OF PILES. HARRIS H. LUNTZ, Brooklyn, N. Y.

Filed June 4, 1927. Serial No. 250,028. PUBLISHED AUGUST 2, 1927. Class 6.

233,732. CIGARS. H. F. FIDLER & Co., Womelsdorf, Pa.

Filed June 6, 1927. Serial No. 250,073. PUBLISHED JULY 26, 1927. Class 17.

233,733. NONALCOHOLIC, MALTLESS BEVERAGES SOLD AS SOFT DRINKS AND WATER. FOSS & BURRILL, Ellsworth, Me.

Filed June 6, 1927. Serial No. 250,074. PUBLISHED JULY 26, 1927. Class 45.

233,734. LARD. THE E. KAHN'S SONS COMPANY, Cincinnati, Ohio.

Filed June 6, 1927. Serial No. 250,081. PUBLISHED AUGUST 2, 1927. Class 46.

233,735. LARD. THE E. KAHN'S SONS COMPANY, Cincinnati, Ohio.

Filed June 6, 1927. Serial No. 250,082. PUBLISHED AUGUST 2, 1927. Class 46.

233,736. ROLLER SKATES. KOHLER DIE & SPECIALTY COMPANY, De Kalb, Ill.

Filed June 6, 1927. Serial No. 250,083. PUBLISHED JULY 19, 1927. Class 22.

233,737. NONALCOHOLIC, MALTLESS BEVERAGE SOLD AS A SOFT DRINK. HENRY RABBER, Washington, D. C.

Filed June 6, 1927. Serial No. 250,095. PUBLISHED JULY 26, 1927. Class 45.

233,738. GREASE RAM. GUY N. TURNER, doing business as Turner Mfg. Co., Los Angeles, Calif.

Filed June 6, 1927. Serial No. 250,104. PUBLISHED AUGUST 2, 1927. Class 23.

233,739. MOVING-PICTURE FILMS, MOVING-PICTURE CAMERAS, AND MOVING-PICTURE PROJECTORS. REX S. CLARK, doing business as Clark Cine-Service, Detroit, Mich.

Filed June 7, 1927. Serial No. 250,113. PUBLISHED AUGUST 2, 1927. Class 26.

233,740. WOOLEN AND WORSTED FABRICS IN THE PIECE. DETMER, BRUNER & MASON, Inc., New York, N. Y.

Filed June 8, 1927. Serial No. 250,166. PUBLISHED AUGUST 2, 1927. Class 42.

233,741. COAL. J. EDWARD HIBLINE Co., Inc., Baltimore, Md.

Filed June 8, 1927. Serial No. 250,174. PUBLISHED JULY 26, 1927. Class 1.

- 233,742. CANNED FRUITS AND BERRIES. LIBBY, McNEILL & LIBBY, Chicago, Ill.
Filed June 8, 1927. Serial No. 250,180. PUBLISHED JULY 26, 1927. Class 46.
- 233,743. IMPORTED STYLE FRANKFURTERS, FRANKFURTER STYLE SAUSAGE, HORSE-RADISH, PORK WITH JELLY, BISMARCK HER-RINGS PACKED IN CANS, GLASS JARS, AND SIMILAR CONTAINERS; CELERY RELISH, LAMB TONGUE, TONGUE WITH JELLY, SLICED BEEF, SLICED BACON, SUGAR-CURED BACON, DRY-CURED BREAFAST BACON, BEEF WITH JELLY, PIG'S FEET, SWEET RELISH COMPOSED OF CHOPPED PICKLED VEGETABLES, SPICES, ETC.; SMOKED HAM, BOILED HAM, ROAST HAM, SQUARE STYLE BOILED HAM. LOUIS MEYER CO., Brooklyn, N. Y.
Filed June 8, 1927. Serial No. 250,182. PUBLISHED JULY 26, 1927. Class 46.
- 233,744. COFFEE. JOSE R. OSUNA, Erie, Pa.
Filed June 9, 1927. Serial No. 250,259. PUBLISHED JULY 26, 1927. Class 46.
- 233,745. GOLF GAME, CONSISTING OF A TARGET AND A DEVICE FOR HOLDING THE BALL IN POSITION. VOLLETT & LANGE, Brooklyn, N. Y.
Filed June 9, 1927. Serial No. 250,272. PUBLISHED JULY 26, 1927. Class 22.
- 233,746. SOLUTION WHICH IS AN ESTRUS STIMULATING PRINCIPLE DERIVED FROM THE PLACENTA AND USED AS AN OVARIAN AND SEX STIMULANT. THE HARROWER LABORATORY, INC., Glendale, Calif.
Filed June 9, 1927. Serial No. 250,282. PUBLISHED AUGUST 2, 1927. Class 6.
- 233,747. BRICK. ACME BRICK COMPANY, Fort Worth, Tex.
Filed June 10, 1927. Serial No. 250,284. PUBLISHED AUGUST 2, 1927. Class 12.
- 233,748. TOILET WATER. F. A. KAUFFMANN MANUFACTURING COMPANY, St. Louis, Mo.
Filed June 10, 1927. Serial No. 250,310. PUBLISHED AUGUST 2, 1927. Class 6.
- 233,749. COFFEE. LIEUX BROS., doing business as L. Lindsly and Lieux Bros., New Roads, La.
Filed June 10, 1927. Serial No. 250,312. PUBLISHED AUGUST 2, 1927. Class 46.
- 233,750. COFFEE SUBSTITUTE. GEORGE DOWNEY SPRAGG, doing business as Youth Aid Mfg. Co., Bellaire, Ohio.
Filed June 10, 1927. Serial No. 250,330. PUBLISHED AUGUST 2, 1927. Class 46.
- 233,751. GALVANIZED STAPLING WIRE. ACME STEEL COMPANY, Chicago, Ill.
Filed June 11, 1927. Serial No. 250,346. PUBLISHED JULY 26, 1927. Class 14.
- 233,752. READY-MIXED PAINTS, VARNISHES, AND PAINT ENAMELS. AMALGAMATED PAINT COMPANY, New York, N. Y.
Filed June 11, 1927. Serial No. 250,347. PUBLISHED AUGUST 2, 1927. Class 16.
- 233,753. HONEY. THOMAS WM. BURLESON, Waxahachie, Tex.
Filed June 11, 1927. Serial No. 250,396. PUBLISHED JULY 26, 1927. Class 46.
- 233,754. TEA AND COFFEE. THE CREAMETTE COMPANY, Minneapolis, Minn.
Filed April 1, 1925. Serial No. 211,981. PUBLISHED AUGUST 2, 1927. Class 46.
- 233,755. NONFERROUS METALS, LEAD, BABBITT, SOLDER, AND ALLOYS IN INGOTS, PIGS, SLABS, BARS, RODS, WIRES, STICKS, SHEETS, ANODES, CATHODES, AND DUST MADE THEREFROM. AMERICAN SMELTING & REFINING COMPANY, New York, N. Y., and San Francisco, Calif.
Filed January 6, 1926. Serial No. 225,543. PUBLISHED JULY 26, 1927. Class 14.

- 233,756. FRESH CITROUS FRUITS—NAMESLY, GRAPEFRUIT, ORANGES, AND LEMONS. SALVATORE DI CARLO, Los Angeles, Calif.
Filed May 13, 1925. Serial No. 214,239. PUBLISHED AUGUST 2, 1927. Class 46.
- 233,757. HAND-EMBROIDERED BED AND TABLE LINEN. GEO. M. KHOURI & BROS., New York, N. Y.
Filed February 19, 1926. Serial No. 227,522. PUBLISHED AUGUST 2, 1927. Class 42.
- 233,758. WATER-SOFTENING COMPOUND. So E-Z. PRODUCTS CO., Monongahela, Pa., assignor to Monongahela Compounds Company, of Monongahela, Pa.
Filed September 11, 1925. Serial No. 220,150. PUBLISHED JULY 6, 1926. Class 6.
- 233,759. TOYS—NAMESLY, MOTOR-DRIVEN RACING TOYS, MANUALLY-OPERATED RACING TOYS, LOOP-THE-LOOP TOYS, AND SEESAW COASTER TOYS. THE MCDOWELL MANUFACTURING CO., Millvale, Pa.
Filed April 22, 1926. Serial No. 230,550. PUBLISHED JULY 26, 1927. Class 22.
- 233,760. FIELD GAMES PLAYED WITH BATS, BALLS, AND WICKETS. ETTIE DODGE, Sydney, New South Wales, Australia.
Filed November 25, 1925. Serial No. 223,838. PUBLISHED JULY 26, 1927. Class 22.
- 233,761. AWNINGS, TENTS, TARPAULINS, AND CANOPIES. SWANFELDT TENT AND AWNING COMPANY, Los Angeles, Calif.
Filed December 24, 1925. Serial No. 225,149. PUBLISHED JULY 26, 1927. Class 50.
- 233,762. NONFERROUS METALS, LEAD, BABBITT, SOLDER, AND ALLOYS IN INGOTS, PIGS, SLABS, BARS, RODS, WIRES, STICKS, SHEETS, ANODES, CATHODES, AND DUST MADE THEREFROM. AMERICAN SMELTING & REFINING COMPANY, New York, N. Y., and San Francisco, Calif.
Filed January 6, 1926. Serial No. 225,539. PUBLISHED JULY 26, 1927. Class 14.
- 233,763. CANNED OLIVE OIL. MARIO IACONO, Brooklyn, N. Y.
Filed May 12, 1926. Serial No. 231,482. PUBLISHED JULY 26, 1927. Class 46.
- 233,764. BUILDING STONE. CALDURO MEMORIAL CORPORATION, Bedford, Ind.
Filed May 14, 1926. Serial No. 231,584. PUBLISHED JULY 26, 1927. Class 12.
- 233,765. CANNED PEACHES. HANDY ANDY COMMUNITY STORES, INC., Miami, Fla.
Filed May 14, 1926. Serial No. 231,602. PUBLISHED AUGUST 2, 1927. Class 46.
- 233,766. MARBLE SPLIT, SAWN, CUT, AND FINISHED FOR ARCHITECTURAL TRIMMINGS FOR BUILDINGS AND FOR BASES AND OTHER DECORATIVE PARTS, FOR ELECTRICAL AND OTHER FIXTURES FOR USE IN BUILDINGS AND FOR FLOORS AND WALLS OF BUILDINGS. DANIEL M. RADER, INC., Brooklyn, N. Y.
Filed May 18, 1926. Serial No. 231,811. PUBLISHED JULY 26, 1927. Class 12.
- 233,767. PAINT-REMOVING COMPOSITIONS. THE MOORE PROCESS CHEMICAL COMPANY, INC., Dallas, Tex.
Filed May 20, 1926. Serial No. 231,940. PUBLISHED AUGUST 2, 1927. Class 16.
- 233,768. COMPOSITION SHINGLES. THE RICHARDSON COMPANY, Lockland, Ohio, assignor to The Flintkote Company, Boston, Mass., a Corporation of Massachusetts.
Filed June 3, 1926. Serial No. 232,696. PUBLISHED JULY 26, 1927. Class 12.
- 233,769. ARTIFICIAL BAITS. JAMES HEDDON'S SONS, Dowagiac, Mich.
Filed June 18, 1926. Serial No. 233,442. PUBLISHED JULY 26, 1927. Class 22.

- 233,770. DOUGHNUTS, A PREPARED DOUGHNUT FLOUR, AND POTATO CHIPS. DAWN DONUT COMPANY OF JACKSON, Jackson, Mich.
Filed June 19, 1926. Serial No. 233,480. PUBLISHED JULY 26, 1927. Class 46.
- 233,771. HOSIERY, UNDERWEAR OF KNITTED AND TEXTILE FABRIC FOR MEN, WOMEN, AND CHILDREN, AND SWEATERS. CLIFT & GOODRICH, INC., New York, N. Y.
Filed June 26, 1926. Serial No. 233,763. PUBLISHED MAY 31, 1927. Class 39.
- 233,772. BLEACHED, DYED, BLEACHED AND DYED, AND PARTIALLY-FINISHED ANIMAL FUR SKINS. STEIN FUR DYEING CO., INC., New York, N. Y.
Filed July 3, 1926. Serial No. 234,167. PUBLISHED AUGUST 2, 1927. Class 1.
- 233,773. CANNED FRUITS, FRUIT PRESERVES, FRUIT JELLIES, JAMS, FRUIT JUICE FOR USE IN MAKING JELLIES, JAMS, AND PRESERVES. OLIVE OIL, VINEGAR, AND FRESH GRAPES. CRESTA BLANCA COMPANY, San Francisco, Calif.
Filed August 11, 1926. Serial No. 235,803. PUBLISHED JULY 26, 1927. Class 46.
- 233,774. SOLE LEATHER. ELKERT BROS. TANNING COMPANY, Milwaukee, Wis.
Filed May 20, 1927. Serial No. 249,269. PUBLISHED JULY 26, 1927. Class 1.
- 233,775. COAL. GENERAL COAL COMPANY, Cincinnati, Ohio.
Filed May 20, 1927. Serial No. 249,272. PUBLISHED AUGUST 2, 1927. Class 1.
- 233,776. PASTE, SEMIPASTE, AND READY-MIXED PAINTS, VARNISHES, PAINT ENAMELS, LACQUERS, AND JAPANS. THE PATSON VARNISH CO., New York, N. Y.
Filed May 20, 1927. Serial No. 249,287. PUBLISHED AUGUST 2, 1927. Class 16.
- 233,777. PASTE, SEMIPASTE, AND READY-MIXED PAINTS, VARNISHES, PAINT ENAMELS, LACQUERS, AND JAPANS. THE PATSON VARNISH CO., New York, N. Y.
Filed May 20, 1927. Serial No. 249,288. PUBLISHED AUGUST 2, 1927. Class 16.
- 233,778. MOTION-PICTURE FILMS AND TALKING-PICTURE FILMS. LEE DE FOREST, New York, N. Y.
Filed May 21, 1927. Serial No. 249,344. PUBLISHED AUGUST 2, 1927. Class 26.
- 233,779. DRESSED POULTRY. THE PETER FOX SONS CO., Chicago, Ill.
Filed May 21, 1927. Serial No. 249,373. PUBLISHED JULY 26, 1927. Class 46.
- 233,780. BRICK AND BLOCKS FOR USE IN THE CONSTRUCTION OF BUILDING WALLS. UNITED CLAY PRODUCTS CORPORATION, Kansas City, Mo.
Filed May 23, 1927. Serial No. 249,449. PUBLISHED JULY 26, 1927. Class 12.
- 233,781. DRESSED POULTRY. THE PETER FOX SONS CO., Chicago, Ill.
Filed May 21, 1927. Serial No. 249,374. PUBLISHED JULY 26, 1927. Class 46.
- 233,782. PREPARATION FOR KINDLING FIRES. HENRY C. WILLIAMS, doing business as Williams and Son, Sargent, Nebr.
Filed May 23, 1927. Serial No. 249,454. PUBLISHED JULY 26, 1927. Class 1.
- 233,783. BRICK. ACME BRICK COMPANY, Fort Worth, Tex.
Filed May 24, 1927. Serial No. 249,458. PUBLISHED JULY 19, 1927. Class 12.
- 233,784. CIGARS AND CIGARETTES. BEATRICE O'CONNOR, Newton Center and Boston, Mass., doing business as Lybanne, Boston, Mass.
Filed May 24, 1927. Serial No. 249,482. PUBLISHED JULY 26, 1927. Class 17.
- 233,785. CIGARS AND CIGARETTES. BEATRICE O'CONNOR, Newton Center and Boston, Mass., doing business as Lybanne, Boston, Mass.
Filed May 24, 1927. Serial No. 249,483. PUBLISHED JULY 26, 1927. Class 17.
- 233,786. LEATHER. HEBURN THOMPSON COMPANY, Salem, Mass.
Filed May 25, 1927. Serial No. 249,521. PUBLISHED JULY 26, 1927. Class 1.
- 233,787. STEEL FORGINGS. HEFFENSTALL FORGE & KNIFE COMPANY, Pittsburgh, Pa.
Filed May 25, 1927. Serial No. 249,523. PUBLISHED JULY 26, 1927. Class 14.
- 233,788. BRICK. EMMETT V. POSTON, Springfield, Ill.
Filed May 25, 1927. Serial No. 249,538. PUBLISHED JULY 19, 1927. Class 12.
- 233,789. OINTMENT FOR USE IN THE TREATMENT OF ECZEMA, RASH, SUNBURN, POISON IVY, AND OTHER SKIN ERUPTIONS OF A SIMILAR NATURE, AND FOR INFLAMED CONDITIONS OF THE FEET. ASSOCIATED PHARMACISTS OF MASSACHUSETTS, INC., Salem, Mass.
Filed May 26, 1927. Serial No. 249,564. PUBLISHED AUGUST 2, 1927. Class 6.
- 233,790. TEXTILE RUGS AND CARPETS. PENNSYLVANIA AXMINSTER CARPET CORPORATION, Philadelphia, Pa.
Filed May 26, 1927. Serial No. 249,598. PUBLISHED AUGUST 2, 1927. Class 42.
- 233,791. BEARING METALS CONSISTING OF ALLOYS OF TIN, LEAD, AND ANTIMONY. PREMIUM METAL & PACKING CO., Wilkesburg, Pa.
Filed May 26, 1927. Serial No. 249,599. PUBLISHED JULY 26, 1927. Class 14.
- 233,792. COAL. SOUTHERN COAL COMPANY, INCORPORATED, Memphis, Tenn.
Filed May 26, 1927. Serial No. 249,612. PUBLISHED JULY 26, 1927. Class 1.
- 233,793. COAL. WESTERN COAL & COKE CO., Milwaukee, Wis.
Filed May 26, 1927. Serial No. 249,624. PUBLISHED JULY 26, 1927. Class 1.
- 233,794. LAXATIVE. CHARLES W. FRANK, doing business as Frank's Fruit Squares, Elizabeth, N. J.
Filed June 18, 1927. Serial No. 250,743. PUBLISHED AUGUST 2, 1927. Class 6.
- 233,795. STOMACHIC. HUBERT UNDERBERG, doing business as H. Underberg-Albrecht, Rheinberg, Germany.
Filed June 18, 1927. Serial No. 250,767. PUBLISHED AUGUST 2, 1927. Class 6.
- 233,796. BRICK. ACME BRICK COMPANY, Fort Worth, Tex.
Filed June 20, 1927. Serial No. 250,779. PUBLISHED AUGUST 2, 1927. Class 12.
- 233,797. COFFEE. M. R. JOHNSTON COFFEE CO., INC., Baltimore, Md.
Filed June 20, 1927. Serial No. 250,804. PUBLISHED AUGUST 2, 1927. Class 46.
- 233,798. TOOTH PASTE. SHARP & DOHME, Baltimore, Md.
Filed June 20, 1927. Serial No. 250,822. PUBLISHED AUGUST 2, 1927. Class 6.
- 233,799. FRESH CITROUS FRUITS—NAMESLY, ORANGES, LEMONS, AND GRAPEFRUIT. LIMONEIRA COMPANY, Santa Paula, Calif.
Filed June 21, 1927. Serial No. 250,846. PUBLISHED JULY 26, 1927. Class 46.
- 233,800. FRESH CITROUS FRUITS—NAMESLY, ORANGES, LEMONS, AND GRAPEFRUIT. LIMONEIRA COMPANY, Santa Paula, Calif.
Filed June 21, 1927. Serial No. 250,848. PUBLISHED JULY 26, 1927. Class 46.

- 233,801. FRESH CITROUS FRUITS—NAMES, ORANGES, LEMONS, GRAPEFRUIT. TEAGUE-MC-KEYETT COMPANY, Santa Paula, Calif.
Filed June 21, 1927. Serial No. 250,870. PUBLISHED JULY 26, 1927. Class 46.
- 233,802. PALLIATIVE FOR THE TREATMENT OF CANCER. FIORAVANTE L. CALGARO, Claridge, Pa.
Filed June 21, 1927. Serial No. 250,883. PUBLISHED AUGUST 2, 1927. Class 6.
- 233,803. BRICK. ACME BRICK COMPANY, Fort Worth, Tex.
Filed June 22, 1927. Serial No. 250,885. PUBLISHED AUGUST 2, 1927. Class 12.
- 233,804. SWEET PICKLES. BADGER PICKLE CO., Mattoon, Wis.
Filed June 22, 1927. Serial No. 250,893. PUBLISHED AUGUST 2, 1927. Class 46.
- 233,805. DOLLS. ELEANOR A. SPAULDING, Swampscott, Mass.
Filed June 22, 1927. Serial No. 250,945. PUBLISHED JULY 26, 1927. Class 22.
- 233,806. COTTON, COTTON AND WOOL, WOOL RAYON, RAYON, AND RAYON AND COTTON FABRICS IN THE PIECE. FRED BUTTERFIELD & CO. INC., New York, N. Y.
Filed June 23, 1927. Serial No. 250,973. PUBLISHED JULY 26, 1927. Class 42.
- 233,807. SUGARS. COLONIAL SUGARS COMPANY, New York, N. Y.
Filed June 23, 1927. Serial No. 250,976. PUBLISHED JULY 26, 1927. Class 46.
- 233,808. PERFUMES. THE H. H. ERWIN CO., Philadelphia, Pa.
Filed June 23, 1927. Serial No. 250,985. PUBLISHED AUGUST 2, 1927. Class 6.
- 233,809. PERFUMES. THE H. H. ERWIN CO., Philadelphia, Pa.
Filed June 23, 1927. Serial No. 250,986. PUBLISHED AUGUST 2, 1927. Class 6.
- 233,810. DYESTUFFS. GENERAL DYESTUFF CORPORATION, New York, N. Y.
Filed June 23, 1927. Serial No. 250,988. PUBLISHED AUGUST 2, 1927. Class 6.
- 233,811. INNER TUBES FOR PNEUMATIC TIRES. THE B. F. GOODRICH COMPANY, New York, N. Y.
Filed June 23, 1927. Serial No. 250,991. PUBLISHED AUGUST 2, 1927. Class 35.
- 233,812. INNER TUBES FOR PNEUMATIC TIRES. THE B. F. GOODRICH COMPANY, New York, N. Y.
Filed June 23, 1927. Serial No. 250,992. PUBLISHED AUGUST 2, 1927. Class 35.
- 233,813. HAIRDRESSING. H. O. OATIS, doing business as Dixie Club Chemical Co., Dallas, Tex.
Filed June 23, 1927. Serial No. 251,009. PUBLISHED AUGUST 2, 1927. Class 6.
- 233,814. ASBESTOS SHINGLES. THE LEHON COMPANY, Chicago, Ill.
Filed May 4, 1927. Serial No. 248,415. PUBLISHED JULY 26, 1927. Class 12.
- 233,815. ASPHALT ROOFING IN ROLLS AND SHEETS, ASPHALT ROOFING SHINGLES, ASBESTOS SHINGLES, ASPHALT ROOFING STRIPS, WATER-PROOF INSULATING AND SHEATHING PAPER, WATERPROOF INSULATING AND SHEATHING FABRICS, PLASTIC ROOF COATINGS, MASTIC FLOORING, MASTIC BUILDING COMPOUNDS, AND ASPHALT FLOORING IN ROLLS, FABRIC BASE. THE LEHON COMPANY, Chicago, Ill.
Filed May 4, 1927. Serial No. 248,416. PUBLISHED AUGUST 2, 1927. Class 12.
- 233,816. CANNED FRUITS. PACIFIC COAST CANNERS, Inc., Oakland, Calif.
Filed May 4, 1927. Serial No. 248,426. PUBLISHED JULY 26, 1927. Class 46.

- 233,817. CANNED FRUITS. PACIFIC COAST CANNERS, Inc., Oakland, Calif.
Filed May 4, 1927. Serial No. 248,427. PUBLISHED JULY 26, 1927. Class 46.
- 233,818. CANNED FRUITS. PACIFIC COAST CANNERS, Inc., Oakland, Calif.
Filed May 4, 1927. Serial No. 248,429. PUBLISHED JULY 26, 1927. Class 46.
- 233,819. CANNED FRUITS. PACIFIC COAST CANNERS, Inc., Oakland, Calif.
Filed May 4, 1927. Serial No. 248,431. PUBLISHED JULY 26, 1927. Class 46.
- 233,820. CANNED FRUITS AND CANNED VEGETABLES. PACIFIC COAST CANNERS, Inc., Oakland, Calif.
Filed May 4, 1927. Serial No. 248,434. PUBLISHED JULY 26, 1927. Class 46.
- 233,821. CANNED VEGETABLES, CANNED TOMATO PURÉE, AND TOMATO CATCHUP. PACIFIC COAST CANNERS, Inc., Oakland, Calif.
Filed May 4, 1927. Serial No. 248,435. PUBLISHED JULY 26, 1927. Class 46.
- 233,822. CANNED VEGETABLES, CANNED TOMATO PURÉE, TOMATO CATCHUP, AND VINEGAR. PACIFIC COAST CANNERS, Inc., Oakland, Calif.
Filed May 4, 1927. Serial No. 248,438. PUBLISHED AUGUST 2, 1927. Class 46.
- 233,823. BED SPRINGS, BED FRAMES, BUFFETS, BOOKCASES, BABY CARRIAGES, CHIFFONNIERS, CHINA CABINETS, CEDAR CHESTS, CHIFFO-ROBES, DINING-ROOM CHAIRS, DESKS, DINING-ROOM TABLES, DRESSERS, KITCHEN CABINETS, KITCHEN TABLES, LIBRARY TABLES AND STANDS, LIVING-ROOM SUITES, MIRRORS, ROCKING CHAIRS, TELEPHONE STANDS AND CHAIRS. PEOPLE'S OUTFITTING COMPANY, Detroit, Mich.
Filed May 4, 1927. Serial No. 248,438. PUBLISHED AUGUST 2, 1927. Class 32.
- 233,824. ANTISEPTIC VAGINAL JELLY. PAUL G. STODGHILL, doing business as Imperial Pharmacy, Denver, Colo.
Filed May 4, 1927. Serial No. 248,451. PUBLISHED AUGUST 2, 1927. Class 6.
- 233,825. SIGNS MADE OF GLASS AND DECORATED GLASS. GLASS DECORATING CORPORATION, Baltimore, Md.
Filed May 5, 1927. Serial No. 248,492. PUBLISHED JULY 26, 1927. Class 50.
- 233,826. CANNED VEGETABLES. THE WINOER CANNING COMPANY, Circleville, Ohio.
Filed May 6, 1927. Serial No. 248,607. PUBLISHED JULY 26, 1927. Class 46.
- 233,827. DRY PAINT. AMERICAN SMELTING AND REFINING COMPANY, New York, N. Y., and San Francisco, Calif.
Filed May 7, 1927. Serial No. 248,613. PUBLISHED AUGUST 2, 1927. Class 16.
- 233,828. CANNED FRUITS, CANNED VEGETABLES, PRESERVED PICKLES, MINCE MEAT, FRUIT PRESERVES, AND CONDIMENTS, VIZ, CHILI SAUCE, SALAD DRESSING, AND CATCHUP. BENJAMIN I. GILBERG, Cincinnati, Ohio.
Filed May 7, 1927. Serial No. 248,632. PUBLISHED JULY 26, 1927. Class 46.
- 233,829. CANDIES. POTOMAC CANDY STUDIO, Detroit, Mich.
Filed May 7, 1927. Serial No. 248,649. PUBLISHED AUGUST 2, 1927. Class 46.
- 233,830. MOTION PICTURES. METROPOLITAN PICTURES CORPORATION OF CALIFORNIA, Los Angeles, Calif.
Filed May 9, 1927. Serial No. 248,706. PUBLISHED AUGUST 2, 1927. Class 26.

- 233,831. NONELECTRICAL STREET NAMES, HIGHWAY, ROAD, DIRECTION, WARNING, AND TRAFFIC REGULATION SIGNS. MUNICIPAL STREET SIGN CO., INC., New York, N. Y.
Filed May 9, 1927. Serial No. 248,710. PUBLISHED JULY 26, 1927. Class 50.
- 233,832. ARITHMETICAL TEACHING DEVICES. ROBERT MARSHALL WILLIAMSON, doing business as Marshall Williamson & Co., Burley, near Brockenhurst, England.
Filed May 9, 1927. Serial No. 248,737. PUBLISHED JULY 26, 1927. Class 50.
- 233,833. MATION-PICTURE-FILM PRODUCTIONS. CHARLES DONALD FOX, New York, N. Y.
Filed June 11, 1927. Serial No. 250,404. PUBLISHED AUGUST 2, 1927. Class 26.
- 233,834. NONALCOHOLIC, MALTLESS BEVERAGE SOLD AS SOFT DRINK. W. W. HEALTH DRINKS, Inc., McAllen, Tex.
Filed June 13, 1927. Serial No. 250,449. PUBLISHED JULY 26, 1927. Class 45.
- 233,835. CARBONATED, NONALCOHOLIC, NON-CEREAL, MALTLESS BEVERAGES SOLD AS SOFT DRINKS. JAMES A. MITCHELL, doing business as Denison Bottling Works and Denison Bottling Co., Denison, Iowa.
Filed June 13, 1927. Serial No. 250,471. PUBLISHED JULY 26, 1927. Class 45.
- 233,836. RIFLE AND PISTOL TARGETS. NATIONAL RIFLE ASSOCIATION, Washington, D. C.
Filed June 13, 1927. Serial No. 250,472. PUBLISHED JULY 26, 1927. Class 22.
- 233,837. CAPS FOR MASON JARS. ALUMINUM COMPANY OF AMERICA, Pittsburgh, Pa.
Filed June 14, 1927. Serial No. 250,485. PUBLISHED AUGUST 2, 1927. Class 50.
- 233,838. PIECE GOODS OF SILK, RAYON, AND MIXTURES OF THESE MATERIALS. DUPLAN SILK CORPORATION, New York, N. Y.
Filed June 14, 1927. Serial No. 250,493. PUBLISHED AUGUST 2, 1927. Class 42.
- 233,839. SALTED AND SHELLLED NUTS OF ALL KINDS BOTH DOMESTIC AND FOREIGN. FLORIDA NUT PRODUCTS CO., West Palm Beach, Fla., and Washington, D. C.
Filed June 14, 1927. Serial No. 250,496. PUBLISHED AUGUST 2, 1927. Class 46.
- 233,840. WOOLEN PIECE GOODS. FORSTMANN & HUFFMANN COMPANY, Passaic, N. J.
Filed June 14, 1927. Serial No. 250,497. PUBLISHED AUGUST 2, 1927. Class 42.
- 233,841. WOOLEN PIECE GOODS. FORSTMANN & HUFFMANN COMPANY, Passaic, N. J.
Filed June 14, 1927. Serial No. 250,508. PUBLISHED AUGUST 2, 1927. Class 42.
- 233,842. WOOLEN PIECE GOODS. FORSTMANN & HUFFMANN COMPANY, Passaic, N. J.
Filed June 14, 1927. Serial No. 250,509. PUBLISHED AUGUST 2, 1927. Class 42.
- 233,843. TENNIS RACKETS. LITTLE FRÈRES, Paris, France.
Filed June 15, 1927. Serial No. 250,558. PUBLISHED JULY 26, 1927. Class 22.
- 233,844. CANNED FRUITS. PACIFIC COAST CANNERS, Inc., Oakland, Calif.
Filed June 15, 1927. Serial No. 250,563. PUBLISHED JULY 26, 1927. Class 46.
- 233,845. FRESH CITROUS FRUITS. REDLANDS HEIGHTS GROVES, Inc., Redlands, Calif.
Filed June 15, 1927. Serial No. 250,565. PUBLISHED JULY 26, 1927. Class 46.
- 233,846. NITRATE OF SODA. Anglo-Chilean Consolidated Nitrate Corporation, New York, N. Y.
Filed June 16, 1927. Serial No. 250,592. PUBLISHED AUGUST 2, 1927. Class 6.
- 233,847. PIECE GOODS OF SILK, COTTON, RAYON, WOOL, LINEN, AND MIXTURES OF THESE MATERIALS. RICE-STIX DRY GOODS COMPANY, St. Louis, Mo.
Filed June 16, 1927. Serial No. 250,639. PUBLISHED AUGUST 2, 1927. Class 42.
- 233,848. BRICK. ACME BRICK COMPANY, Fort Worth, Tex.
Filed June 17, 1927. Serial No. 250,667. PUBLISHED AUGUST 2, 1927. Class 12.
- 233,849. BRICK. ACME BRICK COMPANY, Fort Worth, Tex.
Filed June 17, 1927. Serial No. 250,663. PUBLISHED AUGUST 2, 1927. Class 12.
- 233,850. BRICK. ACME BRICK COMPANY, Fort Worth, Tex.
Filed June 17, 1927. Serial No. 250,665. PUBLISHED AUGUST 2, 1927. Class 12.
- 233,851. MOTION PICTURES. EDUCATIONAL PICTURES, Inc., New York, N. Y.
Filed June 17, 1927. Serial No. 250,684. PUBLISHED AUGUST 2, 1927. Class 26.
- 233,852. MEDICINAL LAXATIVES. ALFRED SALANITRO, doing business as Salus Products Company, Bloomfield, N. J.
Filed June 17, 1927. Serial No. 250,715. PUBLISHED AUGUST 2, 1927. Class 6.
- 233,853. COAL. MONITOR COAL & COKE COMPANY, Huntington, W. Va.
Filed April 15, 1927. Serial No. 247,487. PUBLISHED JULY 26, 1927. Class 1.
- 233,854. COAL. THE PITTSBURGH AND MIDWAY COAL MINING COMPANY, Kansas City, Mo.
Filed April 15, 1927. Serial No. 247,493. PUBLISHED AUGUST 2, 1927. Class 1.
- 233,855. COAL. A. P. WOODSON CO., Washington, D. C.
Filed April 18, 1927. Serial No. 247,653. PUBLISHED JULY 26, 1927. Class 1.
- 233,856. FRESH FRUITS—NAMES, GRAPEFRUIT AND ORANGES. W. T. HODGE, doing business as Valley Fruit and Vegetable Exchange, Harlingen, Tex.
Filed April 19, 1927. Serial No. 247,693. PUBLISHED JULY 26, 1927. Class 46.
- 233,857. MECHANICAL ADVERTISING MACHINES. JOSHUA HUDSON WILLIAMS, doing business as Auto-sign Co., Greenville, S. C.
Filed April 19, 1927. Serial No. 247,723. PUBLISHED AUGUST 2, 1927. Class 23.
- 233,858. FRESH STRAWBERRIES, DEWBERRIES, RASPBERRIES, AND APPLES. BARGER & GOLIGHTLY, Paducah, Ky.
Filed April 21, 1927. Serial No. 247,771. PUBLISHED AUGUST 2, 1927. Class 46.
- 233,859. FARMING AND GARDEN TOOLS—NAMES, RAKES, SPADES, MANURE FORKS, HAY FORKS, BEET FORKS, COKE FORKS, STONE FORKS, HOES, POTATO AND MANURE HOOKS, HOOKS FOR DRAGGING STONES, CULTIVATORS, SHOVELS, WEEDERS, AND TURF EDGERS. MARKT & HAMMACHER COMPANY, doing business as Excelsior Mfg. Company, New York, N. Y.
Filed April 21, 1927. Serial No. 247,801. PUBLISHED AUGUST 2, 1927. Class 23.
- 233,860. FARMING AND GARDEN TOOLS—NAMES, RAKES, SPADES, MANURE FORKS, HAY FORKS, BEET FORKS, COKE FORKS, STONE FORKS, HOES, POTATO AND MANURE HOOKS, HOOKS FOR DRAGGING STONES, CULTIVATORS, SHOVELS, WEEDERS, AND TURF EDGERS. MARKT & HAMMACHER COMPANY, New York, N. Y.
Filed April 21, 1927. Serial No. 247,803. PUBLISHED AUGUST 2, 1927. Class 23.

- 233,861. MINERAL-SURFACED ASPHALT SHINGLES AND MINERAL-SURFACED ASPHALT ROOFING. THE FLINTKOTE COMPANY, Boston, Mass.
Filed April 22, 1927. Serial No. 247,840. PUBLISHED JULY 26, 1927. Class 12.
- 233,862. BOOKRACKS, PORTABLE TABLES, CABINETS, DESKS, AND SHELVING. LEFEBURE CORPORATION, Cedar Rapids, Iowa.
Filed April 23, 1927. Serial No. 247,898. PUBLISHED AUGUST 2, 1927. Class 32.
- 233,863. POLISHING AND CLEANING OIL FOR ALL VARNISHED OR DUCO SURFACES. JOSEPH A. LUBY, Newark, N. J.
Filed April 23, 1927. Serial No. 247,901. PUBLISHED AUGUST 2, 1927. Class 16.
- 233,864. MINERAL-SURFACED ASPHALT SHINGLES AND MINERAL-SURFACED ASPHALT ROOFING. THE FLINTKOTE COMPANY, Boston, Mass.
Filed April 25, 1927. Serial No. 247,942. PUBLISHED JULY 26, 1927. Class 12.
- 233,865. CANNED FRUITS. WENATCHEE PACKING CORPORATION, Wenatchee and Seattle, Wash.
Filed April 25, 1927. Serial No. 247,980. PUBLISHED AUGUST 2, 1927. Class 46.
- 233,866. CANNED FRUITS. WENATCHEE PACKING CORPORATION, Wenatchee and Seattle, Wash.
Filed April 25, 1927. Serial No. 247,983. PUBLISHED JULY 26, 1927. Class 46.
- 233,867. SMOKERS' ASH-RECEIVING STANDS. BACKER METAL SPECIALTIES CORPORATION, New York, N. Y.
Filed April 27, 1927. Serial No. 248,028. PUBLISHED AUGUST 2, 1927. Class 8.
- 233,868. HANDKERCHIEFS. R. W. ELDRIDGE COMPANY, Charlotte, N. C.
Filed April 29, 1927. Serial No. 248,165. PUBLISHED AUGUST 2, 1927. Class 42.
- 233,869. HEAT-INSULATING WALL BOARD. JAMES MANUFACTURING COMPANY, Fort Atkinson, Wis.
Filed April 30, 1927. Serial No. 248,235. PUBLISHED JULY 19, 1927. Class 12.
- 233,870. CANNED VEGETABLE SAUCE. KING PHARR, Catherine, Ala.
Filed April 30, 1927. Serial No. 248,249. PUBLISHED JULY 26, 1927. Class 46.
- 233,871. ASBESTOS SHINGLES. THE LEHON COMPANY, Chicago, Ill.
Filed May 4, 1927. Serial No. 248,414. PUBLISHED JULY 26, 1927. Class 12.
- 233,872. EXPORT COAL. THE FIRE CREEK COAL COMPANY, INC., New York, N. Y.
Filed February 21, 1927. Serial No. 244,684. PUBLISHED AUGUST 2, 1927. Class 1.
- 233,873. EXPORT COAL. THE FIRE CREEK COAL CO., INC., New York, N. Y.
Filed February 21, 1927. Serial No. 244,685. PUBLISHED AUGUST 2, 1927. Class 1.
- 233,874. DRESSED LEATHER. EDMUND TRAUB, Prague-Podbaba, Czechoslovakia.
Filed February 24, 1927. Serial No. 244,821. PUBLISHED JULY 19, 1927. Class 1.
- 233,875. CAP OPENERS, CLOSURE-APPLYING MACHINES, AND PRESSURE PROCESSING SYSTEMS FOR COOKING AND STERILIZING SEALED RECEPTACLES CONTAINING FOODS. ANCHOR CAP & CLOSURE CORPORATION, Long Island City, N. Y.
Filed February 26, 1927. Serial No. 244,910. PUBLISHED AUGUST 2, 1927. Class 23.
- 233,876. SURFACING MATERIAL OF BITUMINOUS MIX TO BE LAID UPON ANY STANDARD BASE IN THE RESURFACING OF OLD STREETS, ROADS, PAVEMENTS, ETC. A. E. ASHBROOK, Madison, Wis.
Filed February 28, 1927. Serial No. 244,970. PUBLISHED AUGUST 2, 1927. Class 12.

- 233,877. CAST-IRON PARTS OF PLOWS. MANFRED CALL, Richmond, Va.
Filed February 28, 1927. Serial No. 244,981. PUBLISHED JUNE 28, 1927. Class 23.
- 233,878. COFFEE. WHITTEN-RADER-JOHNSON INC., Minneapolis, Minn.
Filed February 14, 1927. Serial No. 244,377. PUBLISHED JULY 26, 1927. Class 48.
- 233,879. KNIVES AND FORKS OF NONPRECIOUS MATERIAL. SCYTHES, SICKLES, STRAW KNIVES, ETC. JOSEF SCHMALZ, doing business as J. Schmalz, Pforzheim, Germany.
Filed February 14, 1927. Serial No. 244,370. PUBLISHED AUGUST 2, 1927. Class 23.
- 233,880. WHEAT FLOUR. BIG DIAMOND MILLS COMPANY, Minneapolis, Minn.
Filed February 3, 1927. Serial No. 243,744. PUBLISHED JULY 12, 1927. Class 46.
- 233,881. BRONZES. EDWARD T. HURLEY, Cincinnati, Ohio.
Filed January 25, 1927. Serial No. 243,312. PUBLISHED JULY 19, 1927. Class 50.
- 233,882. SILK PIECE GOODS. EMPIRE SILK COMPANY, New York, N. Y.
Filed May 10, 1927. Serial No. 248,761. PUBLISHED AUGUST 2, 1927. Class 42.
- 233,883. SEEDS OF ALL KINDS. EDWARD J. CRANE, Chippewa Falls, Wis.
Filed May 16, 1927. Serial No. 249,045. PUBLISHED JULY 19, 1927. Class 1.
- 233,884. FUR CALF SKINS. BARNET LEATHER CO., INC., New York, N. Y.
Filed May 16, 1927. Serial No. 249,037. PUBLISHED JULY 26, 1927. Class 1.
- 233,885. HEAT-INSULATING JACKETS OR CASINGS MADE FROM HAIR OR OTHER MATERIAL. THE SANDS MANUFACTURING COMPANY, Cleveland, Ohio.
Filed May 13, 1927. Serial No. 248,975. PUBLISHED JULY 26, 1927. Class 12.
- 233,886. NONALCOHOLIC, MALTLESS BEVERAGE SOLD AS SOFT DRINK AND A POWDER FOR MAKING THE SAME. JOSEPH PENDLETON, Laramie, Wyo.
Filed May 13, 1927. Serial No. 248,969. PUBLISHED JULY 26, 1927. Class 45.
- 233,887. AN APPETIZING AND NOURISHING GRAVY MADE FROM FRESH BEEF, PURE OLIVE OIL, MUSHROOMS, AND VEGETABLES. TECCO CORPORATION, Glen Rock, N. J.
Filed May 11, 1927. Serial No. 248,867. PUBLISHED JULY 26, 1927. Class 46.
- 233,888. DERRICKS, WALKING BEAMS, CROWN BLOCKS, DRILLING MACHINES, AND SAND REELS. THE PARKERSBURG RIG AND REEL COMPANY, Parkersburg, W. Va.
Filed May 11, 1927. Serial No. 248,858. PUBLISHED AUGUST 2, 1927. Class 23.
- 233,889. DRILL AND TOOL STEEL. ZIV STEEL & WIRE COMPANY, Chicago, Ill.
Filed May 17, 1927. Serial No. 249,143. PUBLISHED JULY 26, 1927. Class 14.
- 233,890. LEATHER MADE OF FISH SKINS. ANNIE E. MCLEAN, Sarasota, Fla.
Filed May 17, 1927. Serial No. 249,135. PUBLISHED JULY 19, 1927. Class 1.
- 233,891. PILE FABRICS IN THE PIECE. SIDNEY BLUMENTHAL & CO. INC., New York, N. Y.
Filed June 25, 1927. Serial No. 251,120. PUBLISHED AUGUST 2, 1927. Class 42.
- 233,892. PILE FABRICS IN THE PIECE. SIDNEY BLUMENTHAL & CO. INC., New York, N. Y.
Filed June 25, 1927. Serial No. 251,118. PUBLISHED AUGUST 2, 1927. Class 42.

- 233,893. PILE FABRICS IN THE PIECE. SIDNEY BLUMENTHAL & CO. INC., New York, N. Y.
Filed June 25, 1927. Serial No. 251,116. PUBLISHED AUGUST 2, 1927. Class 42.
- 233,894. PILE FABRICS IN THE PIECE. SIDNEY BLUMENTHAL & CO. INC., New York, N. Y.
Filed June 25, 1927. Serial No. 251,111. PUBLISHED AUGUST 2, 1927. Class 42.
- 233,895. PIECE GOODS MADE OF COTTON, WOOL, LINEN, SILKS, ARTIFICIAL SILK, OR COMBINATIONS THEREOF. ELY & WALKER DRY GOODS COMPANY, St. Louis, Mo.
Filed June 24, 1927. Serial No. 251,030. PUBLISHED AUGUST 2, 1927. Class 42.
- 233,896. LOTIONS AND CREAMS FOR BEAUTIFYING AND PRESERVING THE SKIN. FLORA H. SHOENMAKER, doing business as The Frostilla Company, Elmira, N. Y.
Filed June 23, 1927. Serial No. 251,018. PUBLISHED AUGUST 2, 1927. Class 6.
- 233,897. PREPARATION FOR THE DESTRUCTION OF COCKROACHES, ANTS, AND OTHER PESTS. LACRA ANN ROSS, Bakersfield, Calif.
Filed June 23, 1927. Serial No. 251,016. PUBLISHED AUGUST 2, 1927. Class 6.
- 233,898. PREPARATION FOR USE IN TREATING AND PREVENTING HAY FEVER. POCAHATO REMEDY CO., Omaha, Nebr.
Filed June 23, 1927. Serial No. 251,012. PUBLISHED AUGUST 2, 1927. Class 6.
- 233,899. COAL. MONITOR COAL & COKE COMPANY, Huntington, W. Va.
Filed April 15, 1927. Serial No. 247,486. PUBLISHED JULY 26, 1927. Class 1.
- 233,900. RUBBER SHEETING. S. BLECHMAN & SONS, INC., New York, N. Y.
Filed April 11, 1927. Serial No. 247,256. PUBLISHED JULY 19, 1927. Class 50.
- 233,901. KNITTED SILK AND YARN FABRICS IN THE PIECE. ERNEST HAECKEL, doing business as Maria Haeckel, Los Angeles, Calif.
Filed May 2, 1927. Serial No. 248,295. PUBLISHED AUGUST 2, 1927. Class 42.
- 233,902. SAUERKRAUT JUICE. CHASLEY M. BOOLE, doing business as Sauer Ju Sales Co., Seattle, Wash.
Filed June 2, 1927. Serial No. 249,888. PUBLISHED JULY 26, 1927. Class 46.
- 233,903. ADVERTISING DISPLAY SIGNS AND ART PANELS AND PICTURES COMPRISING A DISPLAY SURFACE PROTECTED BY A COATING OF TRANSPARENT MATERIAL. PRAGOLASS PRODUCTS, INC., Newburgh, N. Y.
Filed May 5, 1927. Serial No. 248,514. PUBLISHED JULY 26, 1927. Class 50.
- 233,904. CANDY. SEARS & HINCHLIFF, Old Orchard, Me.
Filed November 22, 1926. Serial No. 240,446. PUBLISHED JULY 26, 1927. Class 46.
- 233,905. CONSTRUCTION MATERIALS—NAMELY, STEEL BEAMS, TILE, PORTLAND CEMENT, STEEL AND WOODEN LATH, COMPOSITION FLOORING, WALL BOARD, TARRED ROOFING PAPER IN ROLLS. CONSTRUCTION SUPPLIES COMPANY OF AMERICA, New York, N. Y.
Filed October 26, 1926. Serial No. 239,240. PUBLISHED JULY 26, 1927. Class 12.
- 233,906. ROOFING AND FLOORING MATERIAL. THE FLINTKOTE COMPANY, Boston, Mass.
Filed October 22, 1926. Serial No. 239,028. PUBLISHED JULY 26, 1927. Class 12.
- 233,907. OILS OR THE LIKE FOR TREATING COTTON OR OTHER TEXTILE FIBERS. E. F. HOUGHTON & CO., Philadelphia, Pa.
Filed October 16, 1926. Serial No. 238,717. PUBLISHED NOVEMBER 30, 1926. Class 6.
- 233,908. PORTABLE AIR MATTRESS. THE REEDS COMPANY, Portland, Oreg.
Filed October 11, 1926. Serial No. 238,422. PUBLISHED AUGUST 2, 1927. Class 32.
- 233,909. NONALCOHOLIC, MALTLESS BEVERAGE SOLD AS A SOFT DRINK. THE BROWNIE CORPORATION, New York, N. Y.
Filed September 27, 1926. Serial No. 237,776. PUBLISHED JULY 26, 1927. Class 45.
- 233,910. ADDING AND ACCOUNTING MACHINES. REMINGTON TYPEWRITER COMPANY, New York, N. Y.
Filed August 18, 1926. Serial No. 236,178. PUBLISHED AUGUST 2, 1927. Class 26.
- 233,911. CANDY. JACOBS CANDY CO., New Orleans, La.
Filed August 14, 1926. Serial No. 235,956. PUBLISHED JULY 26, 1927. Class 46.
- 233,912. SANITARY NAPKINS. THE HOSPITAL SPECIALTY CO., Cleveland, Ohio.
Filed August 11, 1926. Serial No. 235,825. PUBLISHED JULY 26, 1927. Class 44.
- 233,913. COFFEE. FLEISCHMANN'S VIENNA MODEL BAKERY, INC., New York, N. Y.
Filed June 29, 1927. Serial No. 251,269. PUBLISHED AUGUST 2, 1927. Class 46.
- 233,914. PILE FABRICS IN THE PIECE. SIDNEY BLUMENTHAL & CO. INC., New York, N. Y.
Filed June 28, 1927. Serial No. 251,217. PUBLISHED AUGUST 2, 1927. Class 42.
- 233,915. COTTON PIECE GOODS. M. C. D. BORDEN & SONS, INC., New York, N. Y.
Filed June 27, 1927. Serial No. 251,168. PUBLISHED AUGUST 2, 1927. Class 42.
- 233,916. CLOCK-GOLF GAME PLAYED WITH BALLS AND CLUBS. PREMIER SPORT PRODUCTS, INCORPORATED, New York, N. Y.
Filed May 16, 1927. Serial No. 249,094. PUBLISHED JULY 19, 1927. Class 22.
- 233,917. PLASTIC MODELING MATERIAL. BERNARD GOLDENHORN, doing business as Chavant Mfg. Co., Jersey City, N. J.
Filed April 6, 1927. Serial No. 247,015. PUBLISHED JULY 26, 1927. Class 1.
- 233,918. HAIR TONIC. FRANK PALMOWSKI, doing business as Thadens B. & Co., Buffalo, N. Y.
Filed April 5, 1927. Serial No. 246,975. PUBLISHED AUGUST 2, 1927. Class 6.
- 233,919. PLASTIC MODELING MATERIAL. BERNARD GOLDENHORN, doing business as Chavant Mfg. Co., Jersey City, N. J.
Filed April 6, 1927. Serial No. 247,011. PUBLISHED JULY 26, 1927. Class 1.
- 233,920. CANDY. M. KRATCHWIL CANDY CO., doing business as Kratchwil Candy Co., La Crosse, Wis.
Filed April 2, 1927. Serial No. 246,836. PUBLISHED AUGUST 2, 1927. Class 46.
- 233,921. TABLE PADS HAVING A CORE OF CORRUGATED STRAWBOARD OR ANALOGOUS MATERIAL INCLOSED IN SHEETS OF FIBER BOARD OR ANALOGOUS MATERIAL WITH A FACING OF WATERPROOF MATERIAL AND A BACKING OF SOFT, SMOOTH TEXTILE FABRIC TO BE USED UNDER A TABLECLOTH TO PROTECT THE POLISHED SURFACE OF A TABLE. OSCAR WINTER, Philadelphia, Pa.
Filed April 1, 1927. Serial No. 246,798. PUBLISHED JULY 26, 1927. Class 50.
- 233,922. CANNED SARDINES. ANGUS WATSON & CO. (AMERICA) LIMITED, San Francisco, Calif.
Filed April 2, 1927. Serial No. 246,808. PUBLISHED AUGUST 2, 1927. Class 46.
- 233,923. INSECTICIDES. PALMETTO CHEMICAL CO., West Palm Beach, Fla.
Filed March 30, 1927. Serial No. 246,623. PUBLISHED AUGUST 2, 1927. Class 6.

- 233,924. PERFUMES, TOILET WATER, AND FACE POWDER. PARFUMERIE RIGAUD, INC., New York, N. Y.
Filed March 29, 1927. Serial No. 246,564. PUBLISHED AUGUST 2, 1927. Class 6.
- 233,925. ABSORBITIVE CARBONS FOR LIQUID OXYGEN EXPLOSIVES. H. C. BUGBIRD, doing business as H. C. Bugbird Co., New York, N. Y.
Filed March 22, 1927. Serial No. 246,149. PUBLISHED JULY 26, 1927. Class 1.
- 233,926. PRODUCT (INSECTO) USED IN KILLING FLIES, MOSQUITOES, MOTHS, ROACHES, BED-BUGS, ANTS, FLEAS, CHICKEN LICE, AND ALL OTHER FORMS OF INSECT LIFE. CHIPPEWA PRODUCTS COMPANY, St. Louis, Mo.
Filed March 21, 1927. Serial No. 246,078. PUBLISHED AUGUST 2, 1927. Class 6.
- 233,927. COMPOUND TO BE APPLIED TO WALLS, FLOORS, OR CEILINGS FOR WATERPROOFING PURPOSES. DAVID C. WHITE, doing business as Liquid-Iron Waterproofing Company, Detroit, Mich.
Filed March 18, 1927. Serial No. 246,010. PUBLISHED JULY 19, 1927. Class 12.
- 233,928. ICE. GENERAL PUBLIC UTILITIES COMPANY, Miami, Fla.
Filed March 18, 1927. Serial No. 245,979. PUBLISHED JULY 26, 1927. Class 1.
- 233,929. CANNED VEGETABLES—NAMESLY, SWEET POTATOES, TOMATOES, PEAS, CORN, HOMINY, SPINACH, AND BEANS; CANNED FRUITS—NAMESLY, PEARS, PEACHES, APRICOTS, PINEAPPLE, AND CHERRIES; CANNED BERRIES—NAMESLY, RED RASPBERRIES, BLACK RASPBERRIES; CANNED PORK AND BEANS, COFFEE, WHEAT FLOUR, EVAPORATED MILK, AND CANNED SALMON. BAKER BROTHERS COMPANY, Streator, Ill.
Filed March 16, 1927. Serial No. 245,825. PUBLISHED JULY 26, 1927. Class 46.
- 233,930. CANNED VEGETABLES. NORTH FREEDOM CANNING CO., North Freedom, Wis.
Filed March 11, 1927. Serial No. 245,575. PUBLISHED AUGUST 2, 1927. Class 46.
- 233,931. MANUFACTURES OF A LIGHTWEIGHT CONCRETE COMPOSED OF WOOD OR OTHER FIBROUS MATERIALS MIXED WITH PORTLAND CEMENT OR OTHER BINDERS FOR USE IN BUILDING OR DECORATION. NOVOCRETE AND CEMENT PRODUCTS COMPANY LIMITED, London, England.
Filed March 10, 1927. Serial No. 245,512. PUBLISHED JULY 19, 1927. Class 12.
- 233,932. CANNED FRUITS, CANNED VEGETABLES, AND DRIED FRUITS. HARRY HALL & CO. INC., San Francisco, Calif.
Filed May 11, 1927. Serial No. 248,836. PUBLISHED AUGUST 2, 1927. Class 46.
- 233,933. SALTED PEANUTS. MEYER GLENN, doing business as Butternut Packers, Erie, Pa.
Filed May 11, 1927. Serial No. 248,831. PUBLISHED JULY 26, 1927. Class 46.
- 233,934. GAS-PURIFICATION CHEMICALS. KOPPERS PRODUCTS COMPANY, Pittsburgh, Pa.
Filed March 9, 1927. Serial No. 245,441. PUBLISHED AUGUST 2, 1927. Class 6.
- 233,935. CREAM FOR REMOVING FRECKLES. OSCAR B. EPSTEIN, doing business as Obe Chemical Co., New York, N. Y.
Filed March 1, 1927. Serial No. 245,052. PUBLISHED AUGUST 2, 1927. Class 6.
- 233,936. PORTLAND CEMENT. THE ASSOCIATED PORTLAND CEMENT MANUFACTURERS, LIMITED, London, England.
Filed May 20, 1927. Serial No. 249,253. PUBLISHED JULY 19, 1927. Class 12.
- 233,937. GINGER ALE. CARIBBEAN BEVERAGE COMPANY, New York, N. Y.
Filed May 19, 1927. Serial No. 249,213. PUBLISHED JULY 26, 1927. Class 45.
- 233,938. PIECE GOODS COMPOSED OF SILK, SILK AND COTTON, SILK AND RAYON, AND COTTON AND RAYON. BENDIX, INC., New York, N. Y.
Filed May 18, 1927. Serial No. 249,148. PUBLISHED JUNE 28, 1927. Class 42.
- 233,939. STEEL ROLLS ADAPTED FOR USE IN MACHINES FOR ROLLING STEEL INTO SPECIAL SHAPES. BIRDSBORO STEEL FOUNDRY AND MACHINE COMPANY, Birdsboro, Pa.
Filed May 11, 1927. Serial No. 248,809. PUBLISHED AUGUST 2, 1927. Class 23.
- 233,940. BEARING METALS CONSISTING OF ALLOYS OF TIN, LEAD, ANTIMONY, AND ALUMINUM. PREMIUM METAL & PACKING CO., Wilkinsburg, Pa.
Filed May 10, 1927. Serial No. 248,791. PUBLISHED JULY 26, 1927. Class 14.
- 233,941. BEARING METALS CONSISTING OF ALLOYS OF TIN, LEAD, ANTIMONY, AND ALUMINUM. PREMIUM METAL & PACKING CO., Wilkinsburg, Pa.
Filed May 10, 1927. Serial No. 248,790. PUBLISHED JULY 26, 1927. Class 14.
- 233,942. WINDOW SASHES AND PARTS THEREOF. NU WAY WINDOW SASH CO., Philadelphia, Pa.
Filed May 10, 1927. Serial No. 248,785. PUBLISHED JULY 26, 1927. Class 12.
- 233,943. DRIED, SMOKED, PICKLED, SALTED, AND CANNED FISH. GORTON-PEW FISHERIES COMPANY, LTD., Gloucester, Mass.
Filed May 10, 1927. Serial No. 248,768. PUBLISHED AUGUST 2, 1927. Class 46.
- 233,944. COLORED LIME. THE OHIO LIME & STONE COMPANY, Pemberville, Ohio.
Filed April 7, 1927. Serial No. 247,094. PUBLISHED JULY 19, 1927. Class 12.
- 233,945. PRESERVED FRUITS. INDUSTRIA MARMELATE E CONSERVE ALIMENTARI, Voghera, Italy.
Filed December 4, 1926. Serial No. 240,970. PUBLISHED AUGUST 2, 1927. Class 46.
- 233,946. CANNED FILLING FOR CAKES, PIES, SANDWICHES, AND SAUCE. MRS. ANNIE BLECKLEY MEANS, Anderson, S. C.
Filed December 7, 1926. Serial No. 241,109. PUBLISHED JULY 26, 1927. Class 46.
- 233,947. PERFUMES, TOILET CREAMS, TOILET POWDERS, AND-ROUGES. CADOLLE FRERES, Paris, France.
Filed December 10, 1926. Serial No. 241,200. PUBLISHED JANUARY 18, 1927. Class 6.
- 233,948. COAL. J. DYRE MOYER, Willow Grove, Pa.
Filed December 11, 1926. Serial No. 241,348. PUBLISHED JULY 19, 1927. Class 1.
- 233,949. FRESH DECIDUOUS FRUITS, FRESH GRAPES. W. C. MERWIN, Strathmore, Calif.
Filed December 23, 1926. Serial No. 241,892. PUBLISHED JULY 26, 1927. Class 46.
- 233,950. PORCELAIN AND EARTHENWARE GOODS. PHYLLIS MARGARET TWIGG, St. Andrews, Ventnor, Isle of Wight, England.
Filed December 24, 1926. Serial No. 241,971. PUBLISHED AUGUST 2, 1927. Class 30.
- 233,951. FACE POWDER, TOILET CREAMS, AND EXTRACTS FOR PERFUMES. BETTS & MUMFETON, New York, N. Y.
Filed December 29, 1926. Serial No. 242,078. PUBLISHED AUGUST 2, 1927. Class 6.
- 233,952. CONSTRUCTION MATERIALS. THE HATCH & BAILEY COMPANY, South Norwalk, Conn.
Filed January 6, 1927. Serial No. 242,430. PUBLISHED JULY 26, 1927. Class 12.

- 233,953. FRESH ASPARAGUS. THREE RIVERS GROWERS ASSOCIATION, Kennewick, Wash.
Filed January 17, 1927. Serial No. 242,971. PUBLISHED JULY 26, 1927. Class 46.
- 233,954. CALKING. CHAMBERLIN METAL WEATHER STRIP COMPANY, Detroit, Mich.
Filed January 20, 1927. Serial No. 243,081. PUBLISHED JULY 26, 1927. Class 12.
- 233,955. PALE, DRY GINGER ALE, A NONALCOHOLIC, NONCEREAL MALTLESS BEVERAGE SOLD AS A SOFT DRINK, AND SIRUP FOR MAKING THE SAME. JAK FRIEDMAN, doing business as Glen Cove Beverage Co., Glen Cove, N. Y.
Filed January 20, 1927. Serial No. 243,085. PUBLISHED JULY 26, 1927. Class 45.
- 233,956. SILK PIECE GOODS. F. DECHARNE SILK CO. INC., New York, N. Y.
Filed June 25, 1927. Serial No. 251,126. PUBLISHED AUGUST 2, 1927. Class 42.
- 233,957. WOOLEN PIECE GOODS. FORSTMANN & HUFFMANN COMPANY, Passaic, N. J.
Filed June 25, 1927. Serial No. 251,130. PUBLISHED AUGUST 2, 1927. Class 42.
- 233,958. PERFUME, TOILET WATER, FACE POWDER, TALCUM POWDER, BATH SALTS, BRILLIANTINE, BANDOLINE, ROUGE, LIP STICKS, DUSTING POWDER, SACHET, COLD CREAMS, LOTION FOR THE SKIN AND HAIR, POWDER AND ROUGE COMPACTS, AND VEGETAL. HOUBIGANT, INC., New York, N. Y.
Filed June 25, 1927. Serial No. 251,139. PUBLISHED AUGUST 2, 1927. Class 6.
- 233,959. RAWHIDE ROPE. CHAS. A. SCHIEREN COMPANY, New York, N. Y.
Filed June 25, 1927. Serial No. 251,151. PUBLISHED AUGUST 2, 1927. Class 7.
- 233,960. SIRUP OF HYDROCHLORINE, CORNIA, SALLYDITE, AND LACTOLUVIN. GEORGE H. ZOOLOOMIAN, Providence, R. I.
Filed June 25, 1927. Serial No. 251,158. PUBLISHED AUGUST 2, 1927. Class 6.
- 233,961. COTTON PIECE GOODS. M. C. D. BORDEN & SONS, INC., New York, N. Y.
Filed June 27, 1927. Serial No. 251,167. PUBLISHED AUGUST 2, 1927. Class 42.

[ACT OF MARCH 19, 1920, SEC. 1 (b)].

THESE REGISTRATIONS ARE NOT SUBJECT TO OPPOSITION.

233,962. (CLASS 39. CLOTHING.) BRONSTON BROS. AND CO., INC., New York, N. Y. Filed Jan. 26, 1927. Serial No. 243,343.

233,964. (CLASS 44. DENTAL MEDICAL, AND SURGICAL APPLIANCES.) ADAM MARKOWSKI, doing business as Perfect Breather Company, Philadelphia, Pa. Filed July 30, 1927. Serial No. 252,780.

CORTI

Particular description of goods.—Men's and Women's Straw Hats and Hats Having Flexible Portions Thereof. Claims use since July 1, 1923.

233,963. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) FULLER & SONS MANUFACTURING CO., Kalamazoo, Mich. Filed Aug. 11, 1927. Serial No. 253,323.

FULLER

Particular description of goods.—Motor-Vehicle Transmissions and Clutches, and Controls and Parts for the Same. Claims use since June, 1913.

Perfect Breather

Particular description of goods.—A Device to Overcome Mouth Breathing and Snoring. Claims use since November, 1924.

233,965. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) ELECTRO SERVICE, INC., Union City, N. J. Filed July 15, 1927. Serial No. 252,095.



ELECTRO SERVICE, INC.

Particular description of goods.—Motors, Generators, Transformers, Starters, Compensators, Solenoid Coils, Magnet Coils. Claims use since Jan. 1, 1921.

233,966. (CLASS 39. CLOTHING.) TURNER & GOTT-FRIED, INC., Cleveland, Ohio. Filed July 11, 1927. Serial No. 251,878.

**DAYTIME
SLENDER
STOUT
DRESSES**

Particular description of goods.—Ladies' and Misses' Dresses.

Claims use since March, 1926.

233,967. (CLASS 39. CLOTHING.) READING UNDERWEAR COMPANY, Reading, Pa. Filed July 11, 1927. Serial No. 251,861.

**READING
KNITTING**

Particular description of goods.—Men's, Women's, and Children's Knitted Coats, Sweaters, Underwear, Hosiery; Women's and Misses' Knitted Dresses.

Claims use since January, 1924.

233,968. (CLASS 15. OILS AND GREASES.) WALBURN PETROLEUM CO. INC., New York, N. Y. Filed Apr. 19, 1927. Serial No. 247,720.

WALBURN

Particular description of goods.—Petroleum Products—Namely, Motor Fuel Oils, Gasoline, Furnace Oils.

Claims use since July 21, 1926.

233,969. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) W. N. MATTHEWS CORPORATION, St. Louis, Mo. Filed Apr. 9, 1927. Serial No. 247,194.

MATTHEWS

Particular description of goods.—Fuses, Switches, and Lamp Guards.

Claims use since about January, 1905.

233,970. (CLASS 32. FURNITURE AND UPHOLSTERY.) TUTTLE & BAILEY MANUFACTURING COMPANY, New York and Brooklyn, N. Y. Filed Mar. 11, 1927. Serial No. 245,599.

RALEIGH

Particular description of goods.—Radiator Inclosures and Cabinets Serving as Artistic and Ornamental Additions to Furniture.

Claims use since June 17, 1926.

233,971. (CLASS 39. CLOTHING.) GRACE TANCILL, St. Louis, Mo. Filed Mar. 11, 1927. Serial No. 245,596.

**Grace Tancill
DRESSES
ST. LOUIS**

Particular description of goods.—Dresses.

Claims use since December, 1923.

233,972. (CLASS 39. CLOTHING.) JOHN JONES, Wilkes-Barre, Pa. Filed Feb. 17, 1927. Serial No. 244,501.

**Vogue
ARCH**

Particular description of goods.—Arch-Supporting Shoes, of Leather and Leather and Fabric Combined.

Claims use since July 6, 1926.

233,973. (CLASS 39. CLOTHING.) CARTER & HOLMES, Chicago, Ill. Filed Feb. 7, 1927. Serial No. 243,927.

Spring Back

Particular description of goods.—Neckties.

Claims use since July 1, 1922.

233,974. (CLASS 39. CLOTHING.) CRAWFORD MANUFACTURING CO., INC., Richmond, Va. Filed Jan. 29, 1927. Serial No. 243,529.

**CRAWFORD
SHOPCOATS**

Particular description of goods.—Workmen's Coats.

Claims use since October, 1925.

233,975. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) O. B. MCCLINTOCK COMPANY, Minneapolis, Minn. Filed Dec. 4, 1926. Serial No. 240,988.

SOUND WAVE

Particular description of goods.—Electrical Microphonic Apparatus for Bank-Vault Protection.

Claims use since Dec. 29, 1925.

233,976. (CLASS 4. ABRASIVE, DETERGENT, AND POLISHING MATERIALS.) M. M. LINNEY & CO., New York, N. Y. Filed Nov. 22, 1926. Serial No. 240,420.

RUG-SHAMPOO

Particular description of goods.—Cleansing Compounds, for Fabrics, in Powder Form.

Claims use since Sept. 1, 1926.

233,977. (CLASS 21. ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.) BRANDES PRODUCTS CORPORATION, Newark, N. J. Filed Sept. 25, 1926. Serial No. 237,719.

ELLIPTICONE

Particular description of goods.—Loud-Speaker Radio Reproducers.

Claims use since Sept. 1, 1926.

233,978. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) WILLIAM F. REHBOCK, doing business as The Flak-O-Wheat Company, Minneapolis, Minn. Filed Aug. 16, 1926. Serial No. 236,058.

**FLAK-O-
WHEAT**

Particular description of goods.—Toasted Whole-Wheat Flakes.

Claims use since June 25, 1926.

363 O. G.—17

233,979. (CLASS 39. CLOTHING.) AMERICAN WHOLESALE CORPORATION, (Baltimore Bargain House), Baltimore, Md. Filed July 20, 1926. Serial No. 234,767.

Lenox

Particular description of goods.—Sweaters, Bathing Suits, and Woven and Knitted Underwear for Men, Women, and Children.

Claims use since July 1, 1925.

233,980. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) PLOUGH CHEMICAL COMPANY, doing business as Red Line Products Company, Memphis, Tenn. Filed Sept. 30, 1925. Serial No. 221,027.

TRU-TASTE

Particular description of goods.—Flavoring Extracts for Foods.

Claims use since Sept. 25, 1925.

233,981. (CLASS 29. BROOMS, BRUSHES, AND DUSTERS.) PITTSBURGH PLATE GLASS COMPANY, Rennons-Kleinle Division, Baltimore, Md. Filed Aug. 5, 1927. Serial No. 253,112.

FULTON

Particular description of goods.—Brushes—Namely, Artists', Billposters', Calcimine, Enamel, Fitch, Fresco, Floor-Sweeping, Flowing, Furniture-Rubbing, Glue, Lacquer, Paint, Paste, Paper-Hangers', Plasterers', Radiator, Roof, Sash, Ship-Seaming, Stain, Stucco, Stencil, Stippling, Varnish, Whitewash, and Washing; and Counter, Painter, and Stair Dusters.

Claims use since Dec. 14, 1925.

233,982. (CLASS 12. CONSTRUCTION MATERIALS.) THE WEAVER-WALL COMPANY, Cleveland, Ohio. Filed Aug. 2, 1927. Serial No. 252,922.

PEERLESS

Particular description of goods.—Composition Roofing, Both in the Form of Rolls and Individual Shingles.

Claims use since February, 1926.

233,983. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) STANDARD OIL COMPANY, Whiting, Ind., and Chicago, Ill. Filed July 27, 1927. Serial No. 252,623.

**KILLS
INSECT PESTS**

Particular description of goods.—Insecticides.

Claims use since May 12, 1926.

233,984. (CLASS 22. GAMES, TOYS, AND SPORTING GOODS.) EDWARDS & WALKER COMPANY, Portland, Me. Filed June 22, 1927. Serial No. 250,912.



Particular description of goods.—Golf Balls.
Claims use since on or about Apr. 1, 1926.

233,985. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ROBERTSON & SUTTON COMPANY, INC., Long Beach, Calif. Filed Apr. 25, 1927. Serial No. 247,969.

PICK-O'-THE OLIVES

Particular description of goods.—Canned and Bottled Olives.
Claims use since Sept. 1, 1926.

233,986. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) ROBERTSON & SUTTON COMPANY, INC., Long Beach, Calif. Filed Apr. 25, 1927. Serial No. 247,968.

PICK-O'-THE PICKLES

Particular description of goods.—Canned and Bottled Pickles.
Claims use since Sept. 1, 1926.

233,987. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) WALTER M. BIRGELEN, doing business as Milwaukee Malt Syrup Company, Minneapolis, Minn. Filed Apr. 15, 1927. Serial No. 247,458.

Doppel Brand

Particular description of goods.—Malt Syrup.
Claims use since June 1, 1926.

233,988. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) LUCIDO BROS. GROCERY CO., Granite City, Ill. Filed Mar. 26, 1927. Serial No. 246,420.

ROMA

Particular description of goods.—Malt Syrup.
Claims use since 1923.

233,989. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) FREDERICK WILLIAM RODE, doing business as Rode Bros. and Rode Brothers Products Company, Philadelphia, Pa. Filed Mar. 25, 1927. Serial No. 246,363.

Just Right

Particular description of goods.—Malt Syrup.
Claims use since 1919.

233,990. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) JOSEPH M. ZACCARIA, doing business as Zaccaria & Co., Chicago, Ill. Filed Mar. 12, 1927. Serial No. 245,679.

MILANO

Particular description of goods.—Alimentary Pastes and Spaghetti Sauce.
Claims use since Sept. 1, 1926.

233,991. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) HENRY C. HOFFMAN, Catonsville, Md. Filed Jan. 31, 1927. Serial No. 243,605.



Particular description of goods.—Oleomargarine.
Claims use since June, 1926.

233,992. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) THE ATLANTIC MILLS, Olneyville, B. I., and Stottville, N. Y. Filed Nov. 11, 1926. Serial No. 239,915.

MELBOURNE FLANNEL

Particular description of goods.—Woolen Flannels in the Piece.
Claims use since Aug. 28, 1924.

233,993. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) S. STEIN & Co., New York, N. Y. Filed Aug. 4, 1926. Serial No. 235,566.

Cavalry Twist

Particular description of goods.—Woolen Goods in the Piece and in Cut Lengths.
Claims use since Apr. 25, 1926.

233,994. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) PIRU CITRUS ASSOCIATION, Piru, Calif. Filed June 25, 1926. Serial No. 233,748.

WEAVER
OF PIRU

Particular description of goods.—Fresh Citrous Fruits—Namely, Oranges, Lemons, and Grapefruit.
Claims use since Dec. 15, 1925.

233,995. (CLASS 15. OILS AND GREASES.) McCOWN OIL COMPANY, INC., Mobile, Ala. Filed Apr. 7, 1927. Serial No. 247,092.

Pennsylvania Premium

Particular description of goods.—Motor Oils.
Claims use since Sept. 3, 1926.

TRADE-MARK REGISTRATIONS RENEWED

25,742. BLIND LADDER TAPES. Registered December 25, 1894. JAMES CARR & SONS. Renewed December 25, 1924, to James Carr & Sons, Ltd., Manchester, England, a Company registered under the laws of Great Britain, assignee.

30,267. VEHICLE LAMPS OR LANTERNS. Registered June 29, 1897. EDWIN M. ROSENBLUTH. Renewed June 29, 1927, to Edwin M. Rosenbluth, Philadelphia, Pa., assignee by mesne assignments.

30,431. LAUNDRY STARCH. Registered July 27, 1897. WALTER R. DONOVAN, New Haven, Conn. Renewed July 27, 1927, to Phillips E. Le Sleur, Boston, Mass., assignee.

30,526. AGRICULTURAL AND OTHER FORKS, HOES, SHOVELS, AND RAKES. Registered August 24, 1897. OTSEGO FARM MILLS CO. LTD., Girard, Pa. Renewed August 24, 1927, to The American Fork & Hoe Company, Cleveland, Ohio, a Corporation of Ohio, assignee by mesne assignments.

30,558. ILLUMINATING OILS. Registered September 14, 1897. STANDARD OIL CO. OF NEW YORK, New York, N. Y., a Corporation of New York. Renewed September 14, 1927.

30,606. SEAMLESS FABRIC HOSE. Registered October 5, 1897. EUREKA FIRE HOSE CO., New York, N. Y. Renewed October 5, 1927, to Eureka Fire Hose Manufacturing Company, Jersey City, N. J., and New York, N. Y., a Corporation of New Jersey, assignee.

30,607. SEAMLESS FABRIC HOSE. Registered October 5, 1897. EUREKA FIRE HOSE CO., New York, N. Y. Renewed October 5, 1927, to Eureka Fire Hose Manufacturing Company, Jersey City, N. J., and New York, N. Y., a Corporation of New Jersey, assignee.

30,624. MALT EXTRACTS. Registered October 5, 1897. MALT-DIASTASE COMPANY. Renewed October 5, 1927, to Maltzyme Company, Inc., New York, N. Y., a Corporation of New York, assignee.

30,632. GINGER ALE, ORANGEADE, AND SODA WATER. Registered October 5, 1897. W. A. ROSS & SONS LIMITED, Belfast, Ireland, a Corporation of Great Britain and Northern Ireland. Renewed October 5, 1927.

30,696. DERIVATIVES OF CINCHONA ALKALOIDS. Registered October 19, 1897. VEREINIGTE CHININ-FABRIKEN ZIMMER & CO. GESSELLSCHAFT MIT BESCHRÄNKTER HAFTUNG, Frankfurt-on-the-Main, Germany. Renewed October 19, 1927, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.

30,750. A MEDICAL PREPARATION FOR STRENGTHENING THE BLOOD. Registered October 26, 1897. GUSTAV ERNST DOLLE, Bremen, Germany. Renewed October 26, 1927, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.

30,751. A PREPARATION FOR STRENGTHENING THE BLOOD. Registered October 26, 1897. GUSTAV ERNST DOLLE, Bremen, Germany. Renewed October 26, 1927, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.

31,018. MINERAL OR AERATED WATERS OR LIQUIDS. Registered December 21, 1897. WILLIAM CORRY & CO. LIMITED. Renewed December 21, 1927, to Wm. Corry & Co. Limited, Belfast, Ireland, a Corporation of Great Britain and Northern Ireland, successor.

31,033. A CATHARTIC MEDICINE. Registered December 21, 1897. THE STERLING REMEDY CO., Chicago, Ill. Renewed December 21, 1927, to Sterling Remedy Company, Jersey City, N. J., a Corporation of New Jersey, assignee.

31,045. A MEDICINAL PREPARATION FOR HUMAN USE. Registered December 28, 1897. JAMES CROSSLEY ENO. Renewed December 28, 1927, to J. C. Eno Ltd., London, England, a Corporation of Great Britain, assignee.

31,059. CERTAIN NAMED DRY GOODS. Registered December 28, 1897. HAHNE & Co. Renewed December 28, 1927, to HAHNE & COMPANY, Newark, N. J., a Corporation of New Jersey, successor.

31,138. GUN, ORDNANCE, AND BLASTING POWDER. Registered January 11, 1898. THE KING POWDER COMPANY, Cincinnati, Ohio, a Corporation of Ohio. Renewed January 11, 1928.

31,147. DISTILLED AND CARBONATED WATERS. Registered January 18, 1898. THE CONSUMERS COMPANY. Renewed January 18, 1928, to Hydrox Corporation, Chicago, Ill., a Corporation of Delaware, assignee.

- 31,317. A SIRUP FOR USE IN SOFT DRINKS, AS AT SODA-WATER FOUNTAINS. Registered February 22, 1898. ROBERT LEE EYES. Renewed February 22, 1928, to Spurlock-Neal Co., Nashville, Tenn., a Corporation of Tennessee, assignee.
- 55,493. CERTAIN NAMED DEVICE. Registered August 14, 1906. ROBERT M. CLARK, Boston, Mass. Renewed August 14, 1926, to Children's Supplies, Inc., Newton Centre, Mass., a Corporation of Massachusetts, successor.
- 63,784. CORDIAL. Registered July 9, 1907. JÖRGEN B. LYSHOLM, Trondhjem, Norway. Renewed July 9, 1927, to A/S Vinmonopolet, Oslo, Norway, a Corporation of Norway, assignee by mesne assignments.
- 63,816. A CORDIAL, PUNCH, AND BRANDY. Registered July 9, 1907. JÖRGEN B. LYSHOLM, Trondhjem, Norway. Renewed July 9, 1927, to A/S Vinmonopolet, Oslo, Norway, a Corporation of Norway, assignee by mesne assignments.
- 64,256. PINE-EXTRACT PASTILS FOR COUGHS, COLDS, AND BRONCHITIS. Registered July 30, 1907. C. E. FULFORD LIMITED, Leeds, England, a Corporation of Great Britain and Ireland. Renewed July 30, 1927.
- 64,343. SAFETY FUSES. Registered August 6, 1907. RHEIN-WESTE SICHERHEITS-ZUNDSCHNURFABRIK GESELLSCHAFT MIT BESCHRÄNKTER HAFTUNG, Krefeld-Linn, Germany. Renewed August 6, 1927, to Zunderwerke Ernst Braun A.-G. Krefeld-Linn, Krefeld-Linn, Germany, a Corporation of Germany, successor.
- 64,484. MEDICINES FOR THE CURE AND RELIEF OF CHILDREN'S AILMENTS. Registered August 6, 1907. THE FIRM OF ALFRED FENNINGS, Cowes, England. Renewed August 6, 1927.
- 65,660. BENZIN, NAPHTHA, AND GASOLINE. Registered October 15, 1907. STANDARD OIL CO. OF NEW YORK, New York, N. Y., a Corporation of New York. Renewed October 15, 1927.
- 66,181. CANNED FISH. Registered November 12, 1907. NORTHWESTERN FISHERIES COMPANY, Seattle, Wash. Renewed November 12, 1927, to Booth Fisheries Company, Chicago, Ill., a Corporation of Delaware, assignee.
- 66,214. CALCULATING MACHINES. Registered November 19, 1907. HANS WALTER EGLI. Renewed November 19, 1927, to H. W. Egli S. A., Zurich, Switzerland, a Corporation of Switzerland, successor.
- 66,302. VINEGARS AND PICKLES. Registered November 19, 1907. OAKLAND VINEGAR AND PICKLE CO., Saginaw, Mich., a Corporation of Michigan. Renewed November 19, 1927.
- 66,613. CHAIRS, ROCKERS, SETTEES, AND SOFAS. Registered December 17, 1907. THE TAYLOR CHAIR COMPANY, Bedford, Ohio, a Corporation of Ohio. Renewed December 17, 1927.

- 66,717. ANTISEPTIC AND GERMICIDE PREPARATION FOR DENTAL USE. Registered December 24, 1907. JOHN C. GRAFT, Newark, N. J. Renewed December 24, 1927.
- 67,165. MILK AND CREAM. Registered January 21, 1908. SHEFFIELD FARMS-SLAWSON-DECKER CO. Renewed January 21, 1928, to Sheffield Farms Company, Inc., New York, N. Y., a Corporation of New York, assignee.
- 67,544. ABRASIVE AND POLISHING MATERIALS, AND ARTICLES MADE THEREFROM. Registered February 11, 1908. NORTON COMPANY, Worcester, Mass., a Corporation of Massachusetts. Renewed February 11, 1928.
- 67,727. OLIVE OIL. Registered February 18, 1908. STROHMMEYER & ARPE CO., New York, N. Y., a Corporation of New York. Renewed February 18, 1928.
- 67,728. SALAD OIL. Registered February 18, 1908. STROHMMEYER & ARPE CO., New York, N. Y., a Corporation of New York. Renewed February 18, 1928.
- 67,782. CHAINS, CHAIN LINKS, AND CHAIN HOOKS. Registered February 18, 1908. THE HAYDEN-CORBETT CHAIN CO., Columbus, Ohio. Renewed February 18, 1928, to United States Chain & Forging Company, Pittsburgh, Pa., a Corporation of Pennsylvania, successor.
- 67,827. STOVES, RANGES, GAS HEATERS, AND PARTS THEREOF. Registered February 18, 1908. COMSTOCK CASTLE STOVE CO., Quincy, Ill., a Corporation of Illinois. Renewed February 18, 1928.
- 67,845. VARNISHES, ENAMELS, AND VARNISH PAINTS. Registered February 18, 1908. THE THOMSON WOOD FINISHING CO., Philadelphia, Pa., a Corporation of Pennsylvania. Renewed February 18, 1928.
- 67,917. CERTAIN MEDICINES AND PLASTERS. Registered February 25, 1908. SOCIÉTÉ ANONYME DES PRODUITS CHIMIQUES SPÉCIAUX, Lyon-Monplaisir, France, a Corporation of France. Renewed February 25, 1928.
- 67,918. CERTAIN MEDICINES. Registered February 25, 1908. SOCIÉTÉ ANONYME DES PRODUITS CHIMIQUES SPÉCIAUX, Lyon-Monplaisir, France, a Corporation of France. Renewed February 25, 1928.
- 67,919. CERTAIN MEDICINES. Registered February 25, 1908. SOCIÉTÉ ANONYME DES PRODUITS CHIMIQUES SPÉCIAUX, Lyon-Monplaisir, France, a Corporation of France. Renewed February 25, 1928.
- 68,117. CERTAIN TOILET PREPARATIONS. Registered March 10, 1908. UNITED DRUG COMPANY, Jersey City, N. J. Renewed March 10, 1928, to United Drug Company, Boston, Mass., a Corporation of Massachusetts, assignee by mesne assignments.

LABELS

REGISTERED OCTOBER 11, 1927.

- 32,824.—Title: A-C MINTS. For Laxative Candy. A-C MINT CORPORATION, Hollywood, Fla. Published May 1, 1927.
- 32,825.—Title: BLUEBIRD. For Fresh Grapes. ANGLO-CALIFORNIAN VINEYARDS (1922) LTD. Published May 2, 1927.
- 32,826.—Title: EMERALD. For Shelled Walnuts. CALIFORNIA WALNUT GROWERS ASSOCIATION, Los Angeles, Calif. Published August 1, 1927.
- 32,827.—Title: HOSTESS CAKE. For Cake. CONTINENTAL BAKING COMPANY, Wilmington, Del., and New York, N. Y. Published May 3, 1927.
- 32,828.—Title: TOM CAT. For Grapes. CUTLER FRUIT GROWER'S ASSOCIATION, Cutler, Calif. Published July 1, 1927.
- 32,829.—Title: KO-KO DELIGHT. For Ice Cream Covered with Coconut. ALFRED OLIVER CREPEAU, West Warwick, R. I. Published May 17, 1927.
- 32,830.—Title: HIGH HAT. For Fresh Grapes. GEO. L. DINJIAN, Fresno, Calif. Published June 1, 1927.
- 32,831.—Title: NICKEL IRON ALKALINE STORAGE BATTERY. For Storage Batteries. EDISON STORAGE BATTERY COMPANY, West Orange, N. J. Published July 27, 1927.
- 32,832.—Title: AMERICAN EAGLE PAPER SHOT SHELLS. For Shotgun Shells. FEDERAL CARTRIDGE CORPORATION, Minneapolis, Minn. Published August 5, 1927.
- 32,833.—Title: HI-POWER SHOT SHELLS. For Loaded Shotgun Shells. FEDERAL CARTRIDGE CORPORATION, Minneapolis, Minn. Published August 5, 1927.
- 32,834.—Title: AUTOCRAT. For Ice Cream. THE FRENCH BROTHERS-BAUER COMPANY, Cincinnati, Ohio. Published June 14, 1927.
- 32,835.—Title: MESSINA. For Canned Tunny Fish. FRENCH SARDINE COMPANY OF CALIFORNIA, doing business as French Sardine Co. Inc., Terminal Island, Calif. Published August 1, 1927.
- 32,836.—Title: BELLE ISLE. For Canned Tunny Fish. FRENCH SARDINE COMPANY OF CALIFORNIA, doing business as French Sardine Co. Inc., Terminal Island, Calif. Published August 1, 1927.
- 32,837.—Title: THE KIND OF CROOKS. For Cigars. AUGUSTUS J. GOLDEN, Baltimore, Md. Published August 15, 1927.
- 32,838.—Title: BEST EVER GRADE "A" MALT EXTRACT. For Malt Extract. ADOLPH GRAND, doing business as Nassau Products Company, Brooklyn, N. Y. Published January 1, 1922.
- 32,839.—Title: ROCK BRAND MALT SYRUP. For Malt Syrup. ADOLPH GRAND, doing business as Nassau Products Company, Brooklyn, N. Y. Published January 1, 1922.
- 32,840.—Title: BREWERS MALT EXTRACT, 100% PURE BARLEY MALT. For Malt Extract. ADOLPH GRAND, doing business as Nassau Products Company, Brooklyn, N. Y. Published January 1, 1922.
- 32,841.—Title: HAWKINS'. For Candy. ALVA B. HAWKINS, doing business as The House of Hawkins, Los Angeles, Calif. Published April 18, 1927.
- 32,842.—Title: HESS BROTHERS. For Footwear. HOAGUE-SPRAGUE CORPORATION, Lynn, Mass. Published July 19, 1927.
- 32,843.—Title: HARRY'S SHOES. For Shoes. HOAGUE-SPRAGUE CORPORATION, Lynn, Mass. Published June 28, 1927.
- 32,844.—Title: TELLING'S SMAK. For Chocolate-Coated Ice Cream. ICE CREAM SMACK PRODUCTS CO., New York, N. Y. Published May 4, 1927.
- 32,845.—Title: ICE CREAM SMAK. For Chocolate-Coated Ice Cream. ICE CREAM SMACK PRODUCTS CO., New York, N. Y. Published June 20, 1927.
- 32,846.—Title: HIGHLAND QUEEN. For Waterless Cleanser. THE R. F. JOHNSTON PAINT COMPANY, Cincinnati, Ohio. Published April 13, 1927.
- 32,847.—Title: WELLWORTH. For Cantaloupes. DR. WITT T. PILCHARD, doing business as Pilchard Fruit Co., Los Angeles, Calif. Published July 12, 1927.
- 32,848.—Title: TAAS. For a Preparation for Seasickness. CHARLES GEORGE PLATFAIR, doing business as Playfair Clinton Laboratories, Los Angeles, Calif. Published June 18, 1927.
- 32,849.—Title: ROYAL KITCHEN. For Canned Peaches. PRATT-LOW PRESERVING COMPANY, Santa Clara, Calif. Published August 1, 1927.
- 32,850.—Title: EVER-SCENT. For Compressed Perfume. MAYO SHAFER, Chicago, Ill. Published July 11, 1927.
- 32,851.—Title: NO. 4 DIAMBLOX. For an Instructive Game. STROMBECK-BECKER MFG. CO., Moline, Ill. Published July 29, 1927.
- 32,852.—Title: MERMAID. For Hair Grower. MME. H. S. SUMMERS, Washington, D. C. Published April 1, 1927.
- 32,853.—Title: ROE'S. For Ice Cream. THE SUTHERLAND PAPER COMPANY, Kalamazoo, Mich. Published March 25, 1927.
- 32,854.—Title: STOCKAID ANIMAL SPRAY. For Animal Spray. THE TOLEDO REX SPRAY CO., Toledo, Ohio. Published June 10, 1927.
- 32,855.—Title: GOLAX—THE RIGHT ROAD TO HEALTH. For Laxative Preparation. JOHN H. WILCOX & CO., Chicago, Ill. Published August 11, 1927.

PRINTS

REGISTERED OCTOBER 11, 1927.

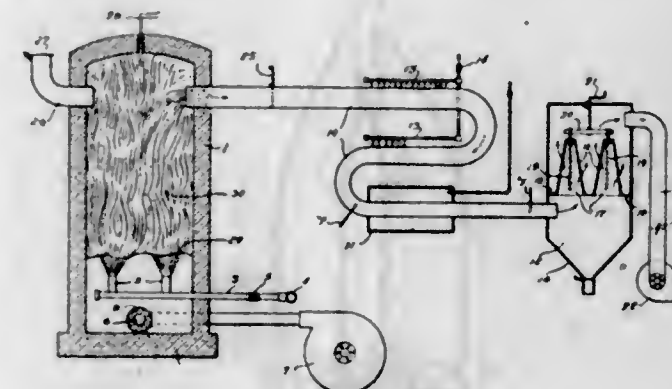
- 10,246.—Title: MOTHERS SAY THIS PLAN WORKS WONDERS. For Wheat Breakfast Food. CREAM OF WHEAT Co., Minneapolis, Minn. Published August 20, 1927.
- 10,247.—Title: GENELCO. For Electrical Apparatus. B. M. GORDON, doing business as Electrical Devices Co., Schenectady, N. Y. Published June 30, 1927.
- 10,248.—Title: SUN TOASTED GOLDEN GRAIN. For Breakfast Food. B. M. GORDON, doing business as Sun Toasted Products Co., Schenectady, N. Y. Published July 1, 1927.
- 10,249.—Title: GENE TUNNEY. For Knitted Sweaters and Jackets. THE GREEN-HAAS-SCHWARTZ COMPANY, Cleveland, Ohio. Published July 2, 1927.
- 10,250.—Title: I GET SOME EVERY DAY. For Cereal Foods. HECKER-H-O COMPANY, INC., Buffalo, N. Y., Published July 1, 1927.
- 10,251.—Title: CHECK-IT. For a Preventative to Prevent Continuation of Runs in Hosiery, Silks, Lingerie, and Other Material. THE HELENE Co., Chicago, Ill. Published July 1, 1927.
- 10,252.—Title: LIONEL MODEL TRAINS DIFFER FROM REAL TRAINS ONLY IN SIZE. For Toy Trains. THE LIONEL CORPORATION, New York, N. Y. Published August 1, 1927.
- 10,253.—Title: THE ONLY DIFFERENCE BETWEEN LIONEL MODEL TRAINS AND REAL TRAINS IS THE SIZE. For Toy Trains. THE LIONEL CORPORATION, New York, N. Y. Published August 1, 1927.
- 10,254.—Title: WHEN . . . CREEPING UPWARD THREATEN YOUR PROFITS. For Loose Leaf and Bound Books. NATIONAL BLANK BOOK COMPANY, Holyoke, Mass. Published June 25, 1927.
- 10,255.—Title: FEDERAL CERTIFIED CANVAS SHOWER CURTAIN. For Shower Bath Curtains. PARA RUBBER COMPANY, Newark, N. J. Published September 10, 1927.
- 10,256.—Title: GOLF-BOW. For Neckties. A. SCHRETER & SONS Co., Baltimore, Md. Published March 1, 1927.
- 10,257.—Title: LOVE-KISSED WEDDING RINGS. For Wedding Rings. J. H. SPIRO, San Francisco, Calif. Published March 10, 1927.
- 10,258.—Title: LOVE-KISSED WEDDING RINGS. For Wedding Rings. J. H. SPIRO, San Francisco, Calif. Published March 10, 1927.
- 10,259.—Title: A TOOTH AND ITS SUPPORTING STRUCTURES. For Dental Cream. E. R. SQUIBB & SONS, New York, N. Y. Published May 15, 1927.
- 10,260.—Title: SUPERIOR GUARANTEED HEATING SERVICE. For Warm Air Furnaces. UTICA HEATER COMPANY, Whitesboro, N. Y. Published June 20, 1927.
- 10,261.—Title: WE SELL STACKS OF WEBSTER CIGARS. For Cigars. WEBSTER CIGAR COMPANY, Detroit, Mich. Published July 11, 1927.

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REISSUES

OCTOBER 11, 1927.

16,765. METHOD AND APPARATUS FOR PRODUCING CARBON. CHAUNCEY MATLOCK, Brooklyn, N. Y., assignor to Monroe-Louisiana Carbon Company, Monroe, La., a Corporation of Delaware. Filed July 31, 1926. Serial No. 126,304. Original No. 1,458,351, dated June 12, 1923, Serial No. 435,071, filed Jan. 5, 1921. 68 Claims. (Cl. 134—60.)



23. The method of separating and recovering carbon black from natural gas continuously, consisting first of partially burning the gas in a furnace by supplying thereto an oxidizing agent in quantities insufficient for complete combustion and thereby liberating a portion of the carbon content of the gas, confining the products of combustion in the furnace to complete the interaction and then passing them to a suitable collector for isolating the said carbon black.

63. In apparatus for producing carbon black from a hydrocarbon, the combination of a chamber, a burner in the base of said chamber, means for supplying the hydrocarbon to said furnace, means for supplying oxygen to said furnace, means for controlling the movement of gases through said chamber comprising a valve in the upper portion of the furnace, means for removing the products of combustion from said furnace, and additional means for separating the carbon black from the products of combustion.

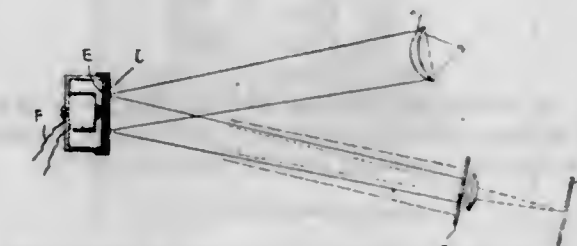
16,766. VEHICLE WHEEL. GEORGE E. RIBLET, Erie, Pa. Filed Oct. 11, 1922. Serial No. 593,910. Original No. 1,414,043, dated Apr. 25, 1922, Serial No. 342,251, filed Dec. 3, 1918. 11 Claims. (Cl. 301—63.)



1. A vehicle wheel combining a rim having a plurality of transverse driving studs, opposed circular side members having radially disposed peripheral slots dividing the

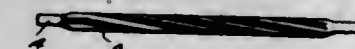
peripheral portions of the side members into segments adapted to engage the rim, certain of said slots being enlarged for engagement with the driving studs, and means operable to draw the side members together to flex the segments to clamping engagement with the rim.

16,767. FLEXING MIRROR. CHARLES FRANCIS JENKINS, Washington, D. C., assignor to Jenkins Laboratories, a Corporation. Filed Jan. 10, 1927. Serial No. 160,318. Original No. 1,525,550, dated Feb. 10, 1925, Serial No. 598,145, filed Oct. 31, 1922. 7 Claims. (Cl. 178—7.)



1. In apparatus of the class described, a light source, a flexible mirror located to reflect light from said source, an electro-magnet and its armature, the armature being attached to the mirror, a lens in alignment with the axis of the reflected light, and an apertured mask between the lens and light source, the area of the aperture being but a fraction of the area of the adjacent surface of said lens.

16,768. METHOD OF MAKING SPIRAL AUGER STEMS, SPIRAL BITS, AND SPIRAL SUBSTITUTES. FOSTER H. LEIDECKER, Marietta, Ohio, assignor to The Leidecker Tool Company, Marietta, Ohio. Filed Apr. 23, 1926. Serial No. 104,238. Original No. 1,543,608, dated June 23, 1925, Serial No. 734,713, filed Aug. 28, 1924. 5 Claims. (Cl. 76—108.)



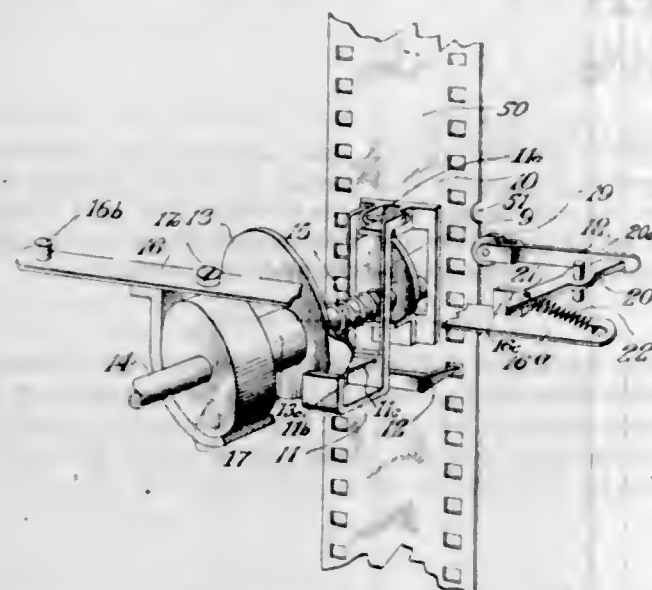
1. The herein described method of producing spiral auger stems and the like which consists in positioning between relatively movable dies a steel billet having longitudinal wings intermittently feeding the billet longitudinally between the dies, each longitudinal movement being equal to or less than the length of the die, the billet being held by one of the die members against rotation at the completion of each intermittent movement, and subjecting the wings of the billet to pressure from the dies during pauses between the movements of the billet, thereby to successively twist the wings of the billet progressively from one end to the other thereof.

16,769. MOTION-PICTURE-PROJECTION APPARATUS. PIERRE SYLVAIN GAUBIAT, Paris, France, assignor to Pathé Cinéma, Anciens Etablissements Pathé Frères, Paris, France. Filed Apr. 26, 1927. Serial No. 186,793. Original No. 1,596,012, dated Aug. 17, 1926, Serial No. 534,073, filed Feb. 4, 1922. 6 Claims. (Cl. 88—18.4.)

3. A motion picture apparatus comprising a feeding member adapted to assume an operative position and an inoperative position, means for causing the feeding member to assume its operative position in which a film is

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fed through the machine when the feeding member is operating, means automatically operated by the film for causing the feeding member to assume its inoperative



position in which the feeding member may continue to operate without acting on the film, and means associated with the film for operating said means last-named.

16,770. WEATHER STRIP. JOHN G. S. HALL, Chicago, Ill. Filed June 18, 1927. Serial No. 199,833. Original No. 1,628,665, dated May 17, 1927, Serial No. 123,300, filed July 19, 1926. 8 Claims. (Cl. 20-69.)

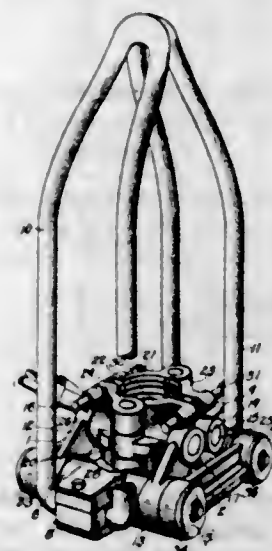
5. A weather-strip adapted for edge contact in use comprising a length of flexible pliable material, a fabric strip folded around said material and protecting the portion thereof that is exposed in use, the longitudinal edges of said strip lying flat against and parallel to said material, and at least one of the longitudinal edges of the fabric

strip adapted to receive attaching devices that are passed through the material to mount the weather-strip, the relative disposition being such that a longitudinal edge of



the material is adapted to be engaged and compressed transversely against a structure opposing the member upon which the strip is mounted.

16,771. CASING ELEVATOR. GEORGE KRELL, Sapulpa, Okla. Filed Aug. 25, 1927. Serial No. 215,402. Original No. 1,504,355, dated Aug. 12, 1924, Serial No. 644,338, filed June 9, 1923. 3 Claims. (Cl. 294-90.)



1. In a casing elevator, a frame, rock shafts, rocker arms carried by the shafts, and casing-engaging jaws carried by the rocker arms, each jaw consisting of two members having a hinged connection.

DESIGNS

OCTOBER 11, 1927.

73,594. COMBINED BOTTLE AND HOLDER THEREFOR. JACQUES WORTH, Paris, France. Filed Mar. 3, 1927. Serial No. 20,949. Term of patent 14 years.



The ornamental design for a combined bottle and holder therefor, as shown.

73,595. CONSOLE TABLE. OSCAR B. BACH, New York, N. Y. Filed May 26, 1927. Serial No. 22,184. Term of patent 3 1/2 years.



The ornamental design for a console table, as shown.

73,596. SMOKER'S STAND. CHARLES E. BEARDSLEY, Waterbury, Conn., assignor to The Bisdon Manufacturing Company, Naugatuck, Conn., a Corporation of Connecticut. Filed June 4, 1926. Serial No. 17,933. Term of patent 14 years.



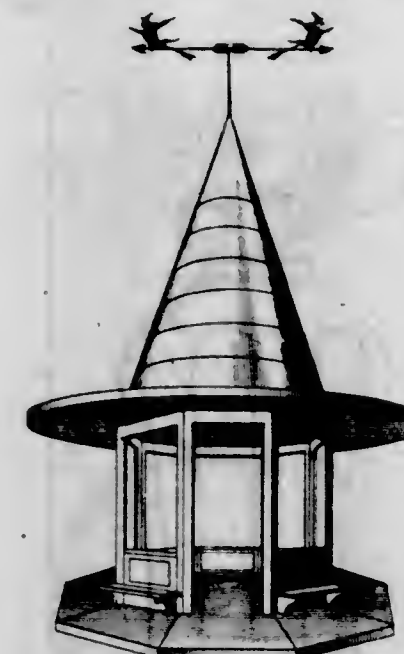
The ornamental design for a smokers' stand as shown.

73,597. SHOE. GEORGE W. BLAIR, Mishawaka, Ind., assignor to Mishawaka Rubber and Woolen Manufacturing Company, Mishawaka, Ind., a Corporation of Indiana. Filed June 23, 1924. Serial No. 9,948. Term of patent 14 years.



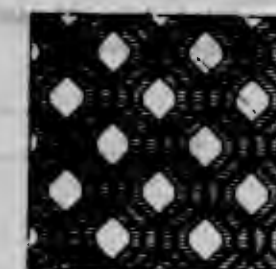
The ornamental design for a shoe, substantially as shown.

73,598. PORTABLE BOOTH. HARRY H. CLARK, Brooklyn, N. Y. Filed June 9, 1927. Serial No. 22,375. Term of patent 14 years.



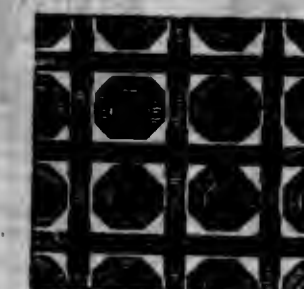
The ornamental design for a portable booth, as shown.

73,599. TEXTILE FABRIC. HARRY S. DAY, Hawthorne, N. J., assignor to Pennsylvania Textile Mills, Inc., Clifton, N. J., a Corporation of New Jersey. Filed July 9, 1927. Serial No. 22,711. Term of patent 3 1/2 years.



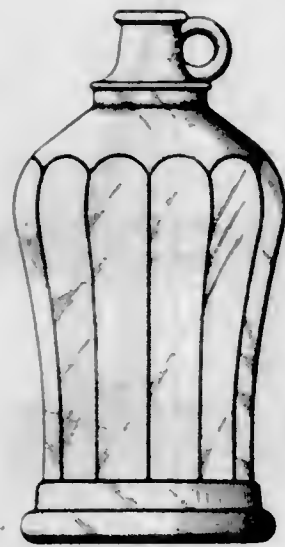
The ornamental design for a textile fabric substantially as shown.

73,600. TEXTILE FABRIC. HARRY S. DAY, Hawthorne, N. J., assignor to Pennsylvania Textile Mills, Inc., Clifton, N. J., a Corporation of New Jersey. Filed July 9, 1927. Serial No. 22,712. Term of patent 3 1/2 years.



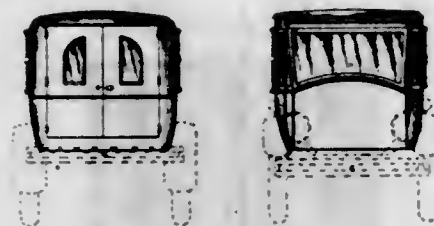
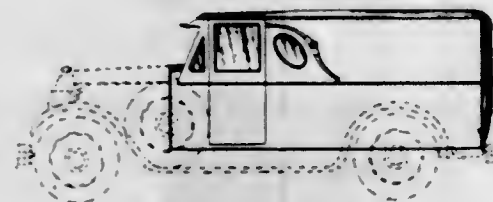
The ornamental design for a textile fabric substantially as shown.

73,601. JUG. WILSON D. EDWARDS, Terre Haute, Ind., assignor to Turner Glass Company, Terre Haute, Ind., a Corporation of Indiana. Filed July 30, 1927. Serial No. 22,955. Term of patent 7 years.



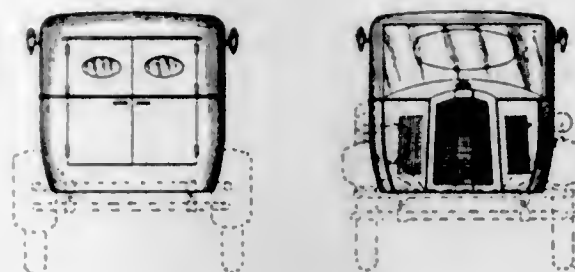
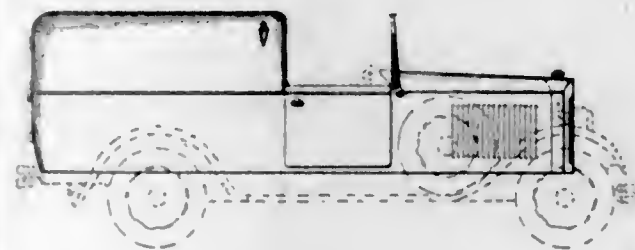
The ornamental design for a jug as shown.

73,602. MOTOR-VEHICLE BODY. ALLIE S. FREED, New York, N. Y. Filed June 21, 1927. Serial No. 22,513. Term of patent 14 years.



The ornamental design for a motor vehicle body, as shown.

73,603. COMBINED MOTOR-VEHICLE BODY AND HOOD. ALLIE S. FREED, New York, N. Y. Filed June 13, 1927. Serial No. 22,417. Term of patent 14 years.



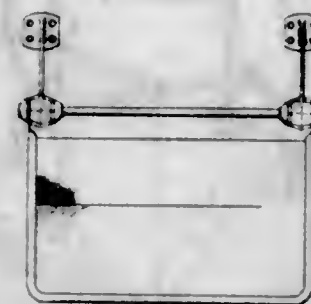
The ornamental design for a combined motor vehicle body and hood, as shown.

73,604. TOY CONSTRUCTION ELEMENT. ALFRED C. GILBERT, New Haven, Conn., assignor to The A. C. Gilbert Company, New Haven, Conn., a Corporation of Connecticut. Filed Dec. 8, 1921. Serial No. 521,044. Term of patent 14 years.



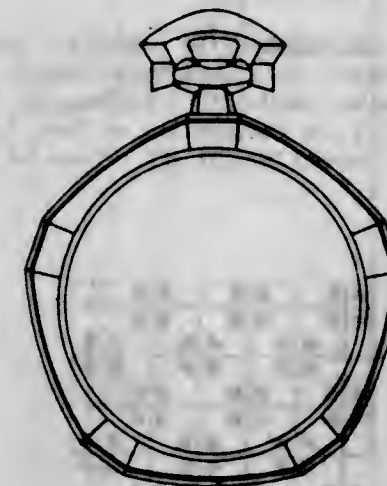
The ornamental design for a toy construction element, substantially as shown.

73,605. COMBINED GLARE SHIELD AND A SUPPORTING BRACKET THEREFOR. PHILIP GROENENSTEIN, Cleveland, Ohio. Filed Dec. 24, 1926. Serial No. 20,148. Term of patent 7 years.



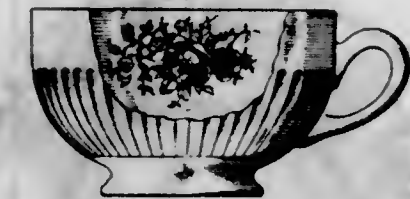
The ornamental design for a combined glare shield and a supporting bracket therefor as shown.

73,606. WATCHCASE. FREDERICK G. GRUEN, Cincinnati, Ohio, assignor to The Gruen Watch Company, Cincinnati, Ohio, a Corporation of Ohio. Filed Mar. 3, 1927. Serial No. 20,952. Term of patent 3 1/2 years.



The ornamental design for a watchcase, as shown.

73,607. CUP OR SIMILAR ARTICLE. ULRICH HAGMANN, St. George, N. Y., assignor to The Quaker Oats Company, Chicago, Ill., a Corporation of New Jersey. Filed Apr. 20, 1927. Serial No. 21,652. Term of patent 3 1/2 years.



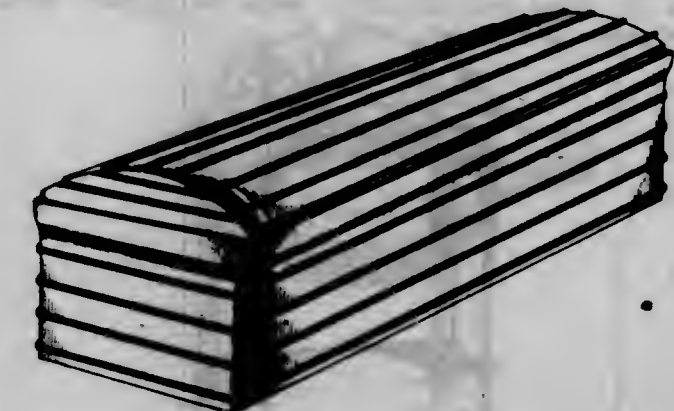
The ornamental design for a cup or similar article, as shown and described.

73,608. VEHICLE BUMPER. HERBERT S. JANDUS and EVERETT RUSH KERLOZ, Detroit, Mich., assignors to The C. G. Spring & Bumper Company, Detroit, Mich., a Corporation of Delaware. Filed June 17, 1927. Serial No. 22,473. Term of patent 14 years.



The ornamental design for a vehicle bumper as shown.

73,609. BURIAL VAULT. CARL M. JOHNSON, Chicago, Ill. Filed Apr. 11, 1927. Serial No. 21,531. Term of patent 3 1/2 years.



The ornamental design for a burial vault as shown.

73,610. PLATE OR SIMILAR ARTICLE. EDWARD OVERTON JONES, Brooklyn, N. Y., assignor to Josiah Wedgwood & Sons, Inc., of America, New York, N. Y., a Corporation of New York. Filed July 14, 1927. Serial No. 22,751. Term of patent 14 years.



The ornamental design for a plate or similar article as shown and described.

73,611. CONSOLE TABLE. AARON S. KATZ, New York, N. Y. Filed June 25, 1927. Serial No. 22,559. Term of patent 3½ years.



The ornamental design for a console table as shown.

73,612. CONSOLE TABLE. AARON S. KATZ, New York, N. Y. Filed June 25, 1927. Serial No. 22,560. Term of patent 3½ years.



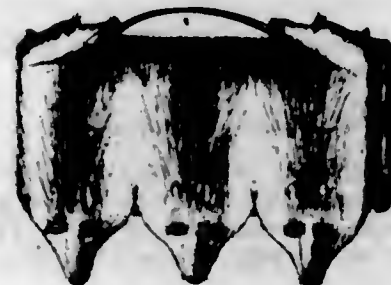
The ornamental design for a console table, as shown.

73,613. TABLE. AARON S. KATZ, New York, N. Y. Filed June 25, 1927. Serial No. 22,562. Term of patent 3½ years.



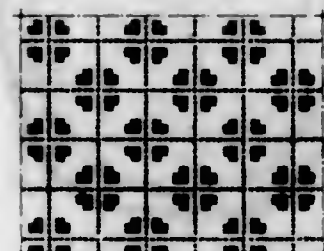
The ornamental design for a table, as shown.

73,614. HAND BAG. JACK FIRSCH and ABRAHAM GLIEBERMAN, Brooklyn, N. Y. Filed Dec. 23, 1926. Serial No. 20,136. Term of patent 3½ years.



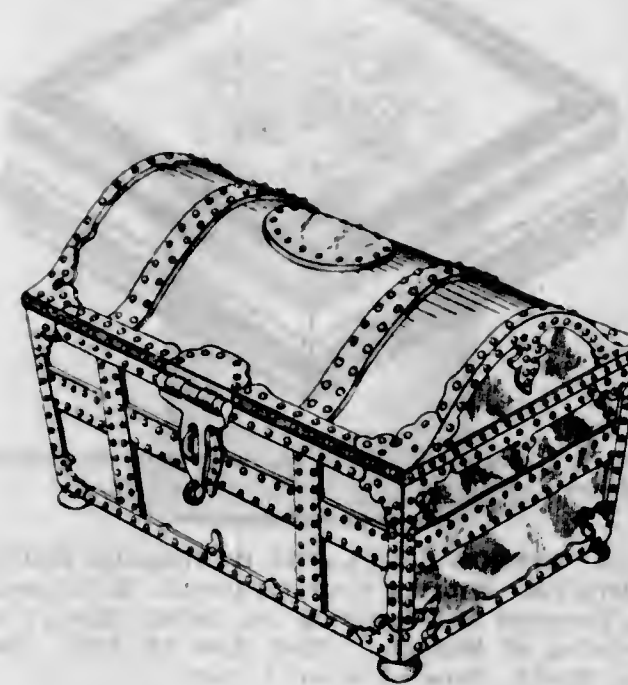
The ornamental design for a hand bag, as shown.

73,615. TEXTILE FABRIC OR SIMILAR ARTICLE OF MANUFACTURE. JACK LADER, Brooklyn, N. Y., assignor to Ceasor Mills, Ch. Perman & Sons, Inc., New York, N. Y., a Corporation of New York. Filed May 2, 1927. Serial No. 21,817. Term of patent 3½ years.



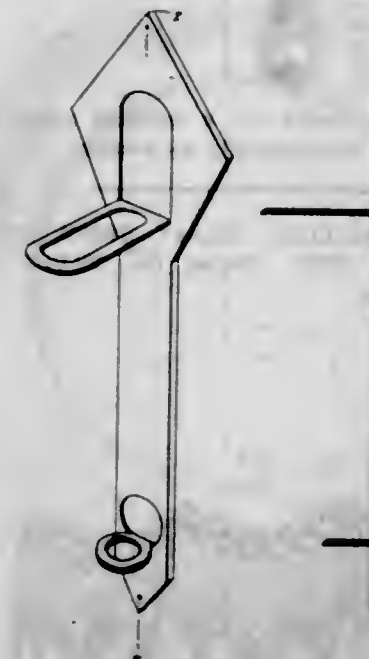
The ornamental design for a textile fabric or similar article of manufacture substantially as shown and described.

73,616. CIGARETTE CASE OR SIMILAR ARTICLE. PATRICK D. McKEON, Shelton, Conn., assignor to International Silver Company, Meriden, Conn., a Corporation of New Jersey. Filed July 23, 1927. Serial No. 22,856. Term of patent 7 years.



The ornamental design for a cigarette case or similar article as shown.

73,617. HOLDER FOR A CURLING IRON. JOHN R. McGRANIGHAM, Philadelphia, Pa. Filed May 31, 1927. Serial No. 22,250. Term of patent 7 years.



The ornamental design for a holder for a curling iron, as shown.

73,618. LIGHTING BRACKET. GEORGE LORENZE MILLER, Decatur, Ill., assignor to Farley Manufacturing Company, Decatur, Ill. Filed July 27, 1927. Serial No. 22,893. Term of patent 3½ years.



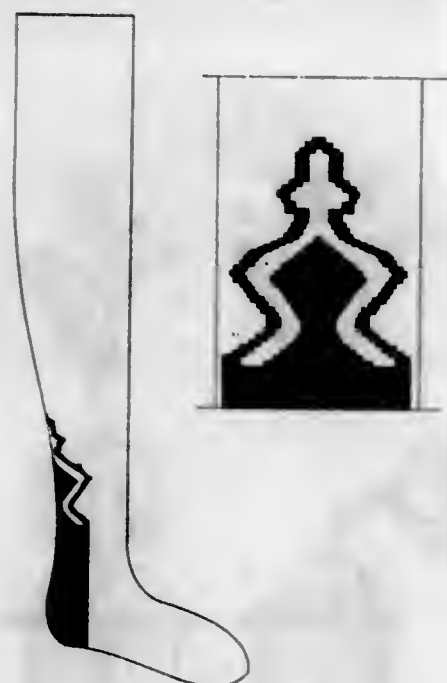
The ornamental design for a lighting bracket, as shown.

73,619. CARRYING BAG. MARCUS ASH MYERS, Gloversville, N. Y., assignor to Myers' Woolly Animals, Inc., a Corporation of New York. Filed June 25, 1927. Serial No. 22,555. Term of patent 7 years.



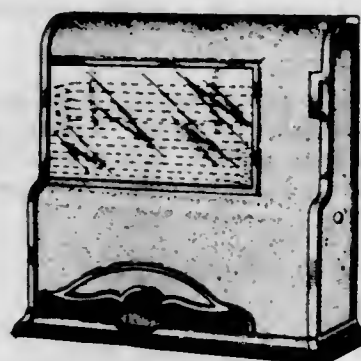
The ornamental design for a carrying bag, substantially as shown.

73,620. STOCKING. ERNST OSCAR NEBEL, Philadelphia, Pa. Filed Aug. 6, 1927. Serial No. 23,010. Term of patent 7 years.



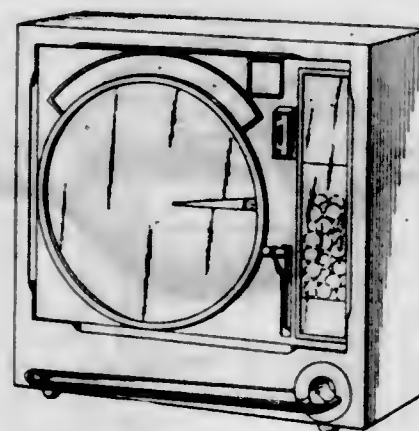
The ornamental design for a stocking substantially as shown.

73,621. VENDING-MACHINE CASING. CLAUDE E. PARKER, Mountain View, Calif. Filed Mar. 19, 1925. Serial No. 12,768. Term of patent 14 years.



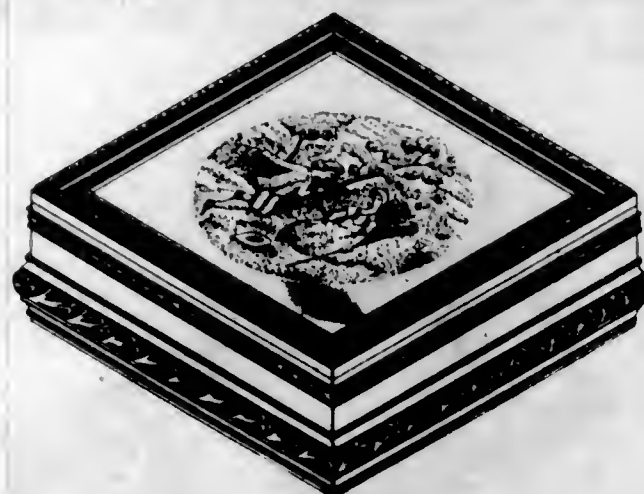
The ornamental design for a vending machine casing, as shown.

73,622. VENDING-MACHINE CASING. MICHAEL PERCIABOSCO, Chicago, Ill., assignor of one-half to James Rosinia. Filed May 17, 1926. Serial No. 17,756. Term of patent 14 years.



The ornamental design for a vending machine casing, as shown.

73,623. CANDY BOX. FRANK J. SCHLEICHER, St. Louis, Mo. Filed July 11, 1927. Serial No. 22,721. Term of patent 3½ years.



The ornamental design for a candy box, substantially as shown.

73,624. WINDOW-REGULATOR HANDLE OR SIMILAR ARTICLE. WILLIAM SCHNELL, Detroit, Mich., assignor to Ternstedt Manufacturing Co., Detroit, Mich., a Corporation of Michigan. Filed June 18, 1927. Serial No. 22,456. Term of patent 7 years.



The ornamental design for a window regulator handle or similar article, substantially as shown.

73,625. LAMP SHADE. HARRY STONE, Chicago, Ill. Filed May 16, 1927. Serial No. 22,001. Term of patent 3½ years.



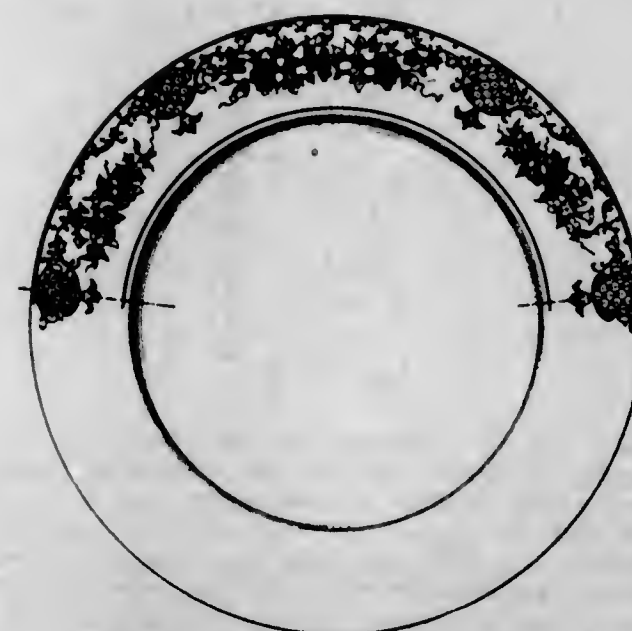
The ornamental design for a lamp shade, as shown and described.

73,626. CASING FOR DICE-THROWING MACHINE. WILLIAM D. WALKER, Sacramento, Calif. Filed Dec. 14, 1926. Serial No. 20,044. Term of patent 7 years.



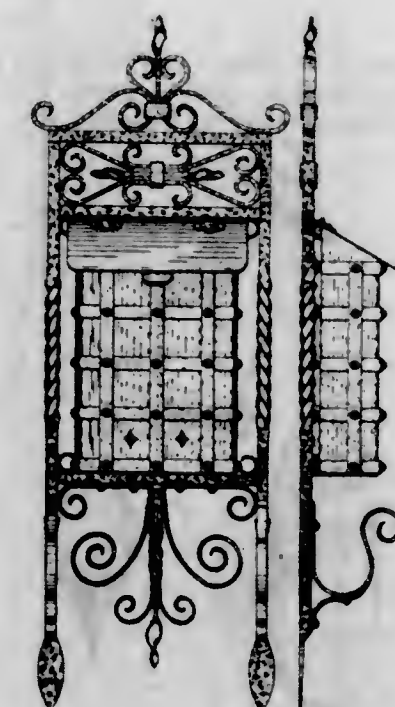
The ornamental design for a casing for dice throwing machine, as shown.

73,627. PLATE OR SIMILAR ARTICLE. GEORGE WREMP, New York, assignor to Rosenthal China Corporation, New York, N. Y., a Corporation of New York. Filed Aug. 10, 1927. Serial No. 23,038. Term of patent 3½ years.



The ornamental design for a plate or similar article, as shown and described.

73,628. MAIL BOX. RUSSELL BARR WILLIAMSON, Whitefish Bay, Wis., assignor to Anthony S. Madala. Filed July 18, 1927. Serial No. 22,792. Term of patent 3½ years.



The ornamental design for a mail box as shown.

73,629. BOTTLE. HENRY WINTER, Buffalo, N. Y. Filed May 6, 1927. Serial No. 21,868. Term of patent 7 years.



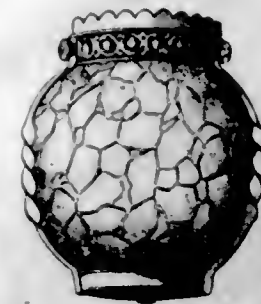
The ornamental design for a bottle as shown.

73,630. TOY BALLOON NOVELTY. ALBERT D. WISMAR, Bowling Green, Ohio, assignor to Pelican Toy Company, Toledo, Ohio, a Copartnership consisting of Albert D. Wismar and George Black. Filed Aug. 8, 1927. Serial No. 23,024. Term of patent 7 years.



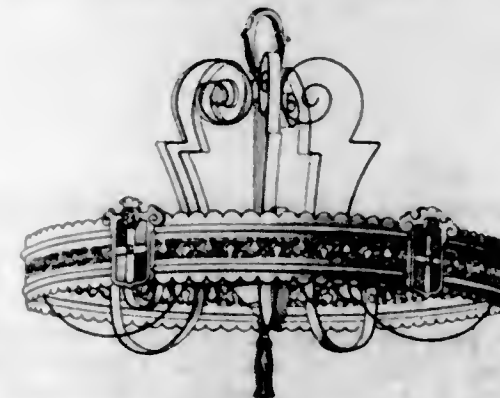
The ornamental design for a toy balloon novelty substantially as shown.

73,631. LANTERN. HERMAN H. WOLTER, Meriden, Conn., assignor to The Miller Company, Meriden, Conn., a Corporation of Connecticut. Filed Aug. 11, 1926. Serial No. 18,686. Term of patent 3 1/4 years.



The ornamental design for a lantern, as shown.

73,632. COMBINED LIGHTING-FIXTURE RING AND SUPPORT. HERMAN H. WOLTER, Meriden, Conn., assignor to The Miller Company, Meriden, Conn., a Corporation of Connecticut. Filed Aug. 11, 1926. Serial No. 18,688. Term of patent 3 1/4 years.

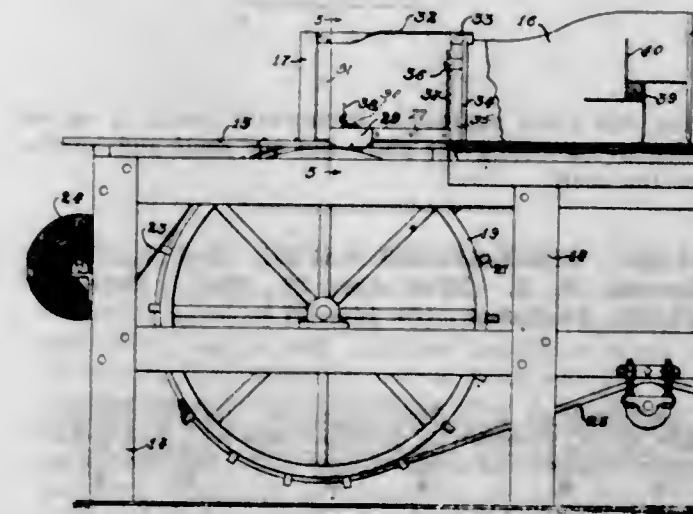


The ornamental design for a combined lighting fixture ring and support, as shown.

PATENTS

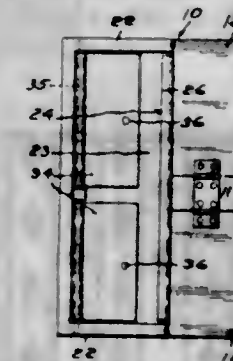
GRANTED OCTOBER 11, 1927.

1,644,659. BATTERY-PLATE FILLING MACHINE. CHESTER M. ANGELL, Chicago, Ill., assignor to Vesta Battery Corporation, Chicago, Ill., a Corporation of Illinois. Filed Mar. 15, 1923. Serial No. 625,247. Renewed Mar. 22, 1926. 2 Claims. (Cl. 226-39.)



1. In a machine for handling battery plate grids, a platform, stacking means for the grids, a paste box above said platform, means for pushing a line of grids along said platform from said stacking means under said paste box by pressure upon the first grid in the line whereby the grids are all maintained in contact with each other, and an endless web of material fed with said grids along said platform and upon which the latter rest.

1,644,660. ANIMAL DRINKING TROUGH. JOHN ARK-FELD, Norfolk, Nebr., assignor to Lyman Arkfeld, Omaha, Nebr. Filed Dec. 6, 1926. Serial No. 152,983. 2 Claims. (Cl. 119-78.)



1. In an animal drinking apparatus, a trough, a movable partition dividing the same into a drinking compartment and a float compartment, a valve to supply water to the float compartment, a float within the float compartment and connected with the valve, and L-shaped cleaners separate from the partition and arranged within the drinking compartment and having their upper ends pivotally connected with the wall of the drinking compartment.

1,644,661. ELECTRIC-IRON CORD HOLDER. WILLIAM G. AUFENAST, St. Paul, Minn. Filed June 8, 1925. Serial No. 35,601. 3 Claims. (Cl. 248-30.5.)

3. A cord supporting device adapted to be associated with an electric iron and cord, a wall plate member, a bracket removably supported by said wall plate, a member

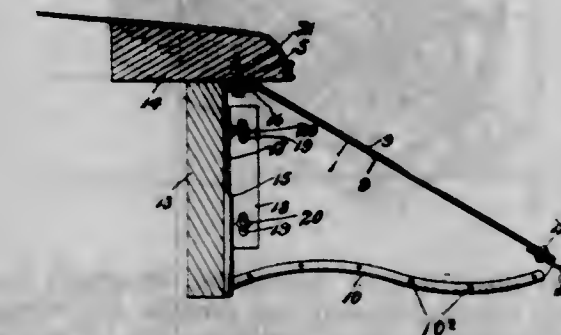
263 O. G.—18

pivotally supported to said bracket in a manner to swing in a horizontal plane, a cord supporting arm pivotally connected to said horizontally movable member and spring



means connected with said arm and said horizontally movable member adapted to hold the free end of said arm in upright position to hold the slack of the ironing cord out of the way of the operator in using the iron.

1,644,662. AUTOMOBILE VISOR. ROY F. ANDERSON, Grand Rapids, Mich., assignor to Hayes-Ionia Company, Grand Rapids, Mich., a Corporation of Michigan. Filed June 8, 1925. Serial No. 35,545. 6 Claims. (Cl. 296-95.)

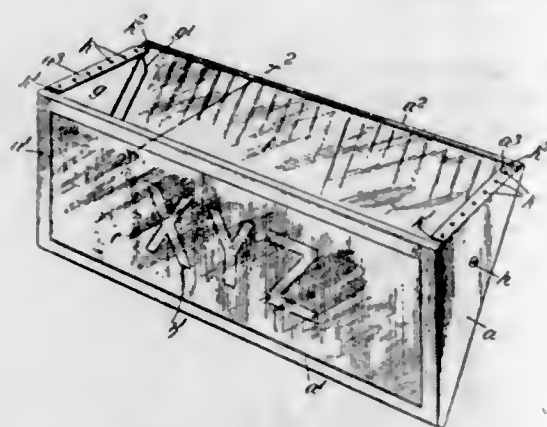


1. A device of the character described comprising, a flat body section of sheet metal, integral end sections turned downwardly one at each end of the said body, a fabric covering turned around the outer edge of the body and secured to both sides of the metal and U-shaped clips clamped to the lower edges of said sections and against the fabric on the inner and outer sides thereof, substantially as described.

1,644,663. ILLUMINATED SIGN. ROY AUSTIN, London, England. Filed Mar. 19, 1927. Serial No. 176,606, and in Great Britain Mar. 13, 1926. 3 Claims. (Cl. 40-130.)

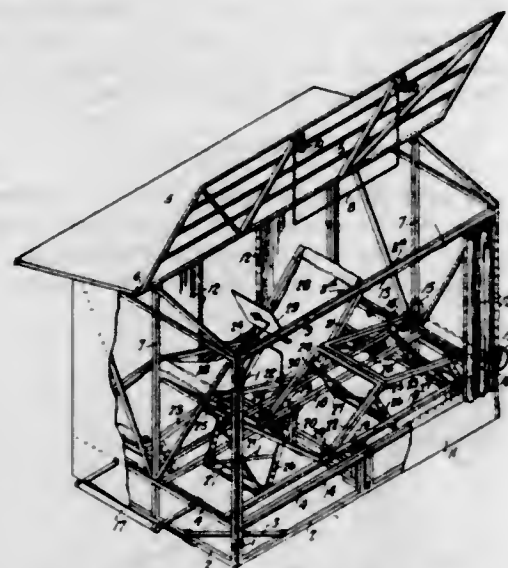
1. An exteriorly illuminated sign comprising in combination, a V shaped casing open as to the upper portion thereof and consisting of a front frame and rear wall

and of two side walls, a screen adapted to display the matter to be exhibited and located within the said front frame, a plate of ground glass disposed immediately behind the said front displaying screen, a reflecting panel of ribbed mirrored glass supported by the said rear wall and extending at an inclination at the back of the whole



of the matter to be displayed, and triangular retaining plates detachably secured to the said side walls and inwardly bent as to their front and rear edges for maintaining the said front screen and plate and the said reflecting panel in their respective positions against the said front frame and rear wall.

1,644,664. TENT OR SHELTER. CECIL EDMUND BAMBURY, London, England. Filed Sept. 18, 1926. Serial No. 136,333, and in Great Britain Sept. 2, 1926. 3 Claims. (Cl. 135-3.)



2. A tent comprising in combination structural members forming a ground support, end sections, side sections, and a roof section, a wheel carried by one of said end sections, and normally off the ground, a propulsion handle carried by the other of said end sections, a chair stretcher carried by certain of said structural members, and a chair collapsibly and adjustably mounted on said stretcher.

1,644,665. AUTOMOBILE CAN HOLDER. CHARLES W. BECK, Toledo, Ohio, assignor to The Beck-Frost Corporation, Detroit, Mich., a Corporation of Michigan. Filed Nov. 9, 1925. Serial No. 67,722. 1 Claim. (Cl. 248-20.)

An oil can bracket having a shelf for supporting the oil can, a plate pivotally connected to the shelf and located below the shelf, a pair of clamping ears struck up from the plate and extending to a point above the shelf to engage the side of the oil can, the shelf having an ear struck upwards to engage a side of the oil can at a

third point, the plate having an arcuate slot and the shelf having an ear extending through the said slot and laterally beneath the edge of the plate along the slot for supporting the plate against a downward thrust, a spring elastically connecting the plate and the shelf and located below the shelf.



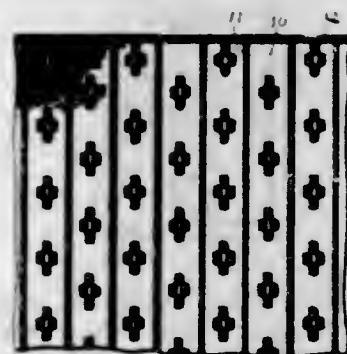
porting the plate against a downward thrust, a spring elastically connecting the plate and the shelf and located below the shelf.

1,644,666. HINGE-RECESS GAUGE. RAY L. CARTER, Phoenix, N. Y. Filed Apr. 27, 1927. Serial No. 187,035. 14 Claims. (Cl. 144-27.)



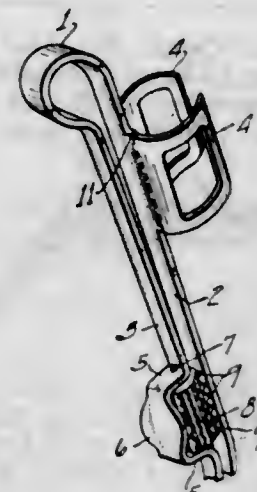
1. In a device for gauging the hinge recesses of doors and door frames, a plurality of channel-shaped gauge members having medial openings affording play for a routing tool, plates arranged in pairs registering with the channels of and adjustably secured to each member adjacent the medial opening, certain of said plates extending beyond said members being overlapped and slotted for rendering the plates extensible, and means for clamping and preserving the alignment of the plates.

1,644,667. ELASTIC WEBBING. GEORGE E. CLAUS, Ansonia, Conn., assignor to The Ansonia O & C Company, Ansonia, Conn. Filed Dec. 31, 1926. Serial No. 158,348. 4 Claims. (Cl. 139-423.)



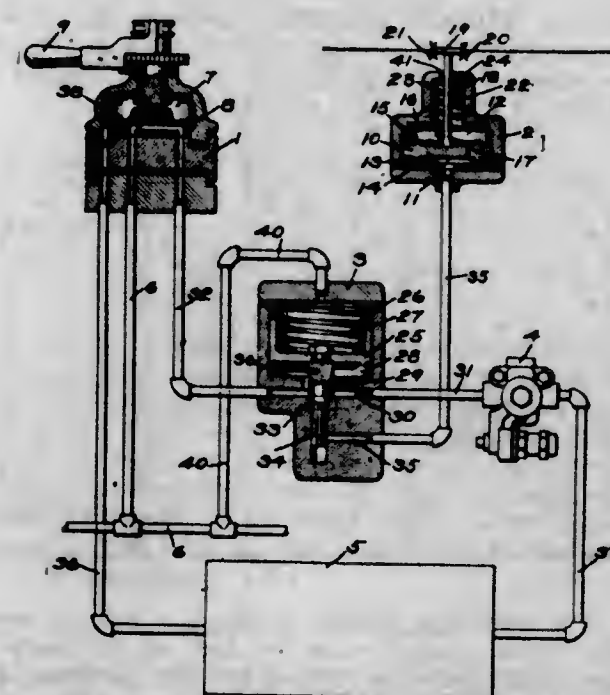
1. Elastic webbing comprising covered rubber warp cords and filling picks above and below said cords and figuring warp elements engaging the upper and lower filling picks to serve as binder elements in the plain unfigured portions of the web and floated over a number of adjacent face filling picks to form a raised figure on the face of the web, each of said figuring warp elements comprising a number of threads held closely together in the plain portions of the web and spreading out on the surface at the figured portion thereof to substantially cover the web surface where a figure is formed.

1,644,668. COMBINED PEN CLIP AND POCKET CHECK PROTECTOR. ROBERT G. CLYNE, St. Louis, Mo. Filed Aug. 19, 1926. Serial No. 130,237. 9 Claims. (Cl. 101-3.)



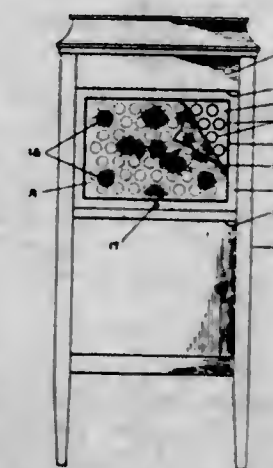
1. As a new article of manufacture, a pocket check-protector including a connected pair of relatively yielding elongated members adapted to detachably straddle a garment-piece, one of said members having a recess within its length, in combination with a surface-roughened roller disposed longitudinally of and having a bearing for rotation upon said one member, said roller being disposed for rotation in said recesses and adapted for securing engagement with the garment-piece or for protecting engagement with a check when the latter is interposed between the roller and the other of said members.

1,644,669. CIRCUIT-BREAKER DEVICE. WILLIAM E. DWAN, Edgewood, Pa., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa., a Corporation of Pennsylvania. Filed Dec. 21, 1926. Serial No. 156,140. 5 Claims. (Cl. 192-2.)



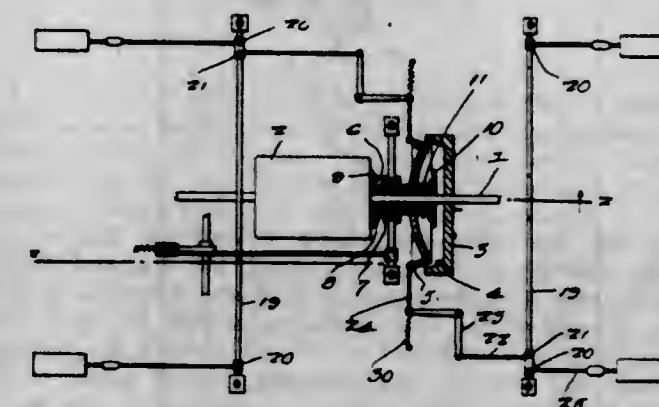
1. The combination with the brake pipe of a fluid pressure brake system and a switch device for controlling the power circuit of an electrically propelled vehicle, of means operated upon a reduction in brake pipe pressure to apply the brakes for operating said switch device to open the power circuit and means for preventing the operation of said switch device to close the power circuit until the brake pipe has been substantially fully recharged with fluid under pressure.

1,644,670. CABINET. THOMAS A. EDISON, West Orange, N. J., assignor to Thomas A. Edison Incorporated, West Orange, N. J., a Corporation of New Jersey. Filed Jan. 31, 1925. Serial No. 6,145. 2 Claims. (Cl. 45-52.)



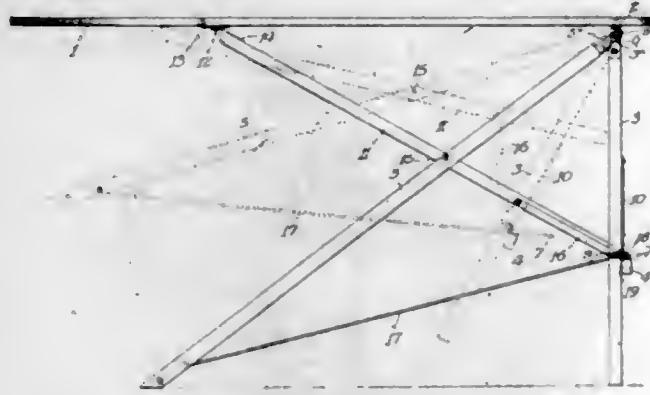
1. The combination of a cabinet having a sound chamber and a sound emitting device in said chamber, said chamber having a sound exit opening providing for the passage of sound emitted by said device from the chamber to the exterior of the cabinet, and a composite closure disposed in said opening comprising an inner rigid apertured member, a flexible fine mesh screen more remote from said device than said apertured member applied to the outer face of the latter and covering the openings therein, and a member disposed outwardly of the said screen and having fastening means extending therefrom through the screen securing such member to the apertured member, substantially as described.

1,644,671. AUTOMOBILE BRAKE MECHANISM. EMILIO GARCIA, New York, N. Y. Filed Jan. 16, 1926. Serial No. 81,795. 3 Claims. (Cl. 188-140.)



1. In an automobile and in combination, wheel brakes, a propeller shaft, a fly wheel fixed to and rotatable with said shaft and constituting the female member of the friction clutch, a male friction clutch member complementary to and arranged to cooperate with said fly wheel, operator controlled means for moving said male clutch member into frictional engagement with said female member and fly wheel, spring means for disengaging the male clutch member from the female clutch member and fly wheel, and means connecting the male clutch member and the wheel brakes, whereby rotation or turning of the male clutch member will be attended by application of the wheel brakes; the said propeller shaft being associated with a transmission casing, a tubular support surrounding said shaft and fixed to and projecting from said casing, and a sleeve connected to the male clutch member and also connected with the operative controlling means, and the said tubular support being provided with an abutment in rear of the male clutch member, said spring means being interposed between said abutment and said male clutch member.

1,644,672. FOLDING TABLE. HENRY J. GILBERT, Saginaw, Mich. Filed Sept. 24, 1925. Serial No. 58,229. 8 Claims. (Cl. 68-10.)



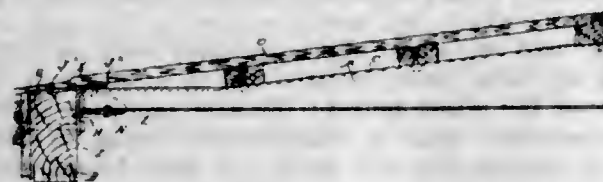
1. In a folding ironing table, an ironing board, a pair of rigidly connected rear legs pivoted to said board adjacent its rear end, a forwardly inclined front leg also pivoted to said board adjacent its rear end, a supporting strut pivoted intermediate its length to said front leg at an intermediate point thereof, said strut being arranged to be detachably connected at its upper end to the forward portion of said board and to bear at its lower end against said connected rear legs and constituting a compression member intermediate said board and rear legs, a link element pivoted to said connected rear legs and also pivoted to said strut at a point between said rear legs and front leg to form a toggle, and a tension rod arranged to connect the lower portions of said front leg and rear legs.

1,644,673. HOSE PROTECTOR. LENA GRUNER, Indianapolis, Ind. Filed Mar. 3, 1927. Serial No. 172,498. 1 Claim. (Cl. 36-70.)



A hose protector comprising a body of flexible material adapted to be applied about the leg and extend downwardly into the top of a shoe and arranged to fold over the top of the shoe and form a cuff, the said body being of length sufficient to extend around the leg and overlap and having also inwardly curved edges at its upper and lower sides adapted to conform to the leg of the wearer, substantially as set forth.

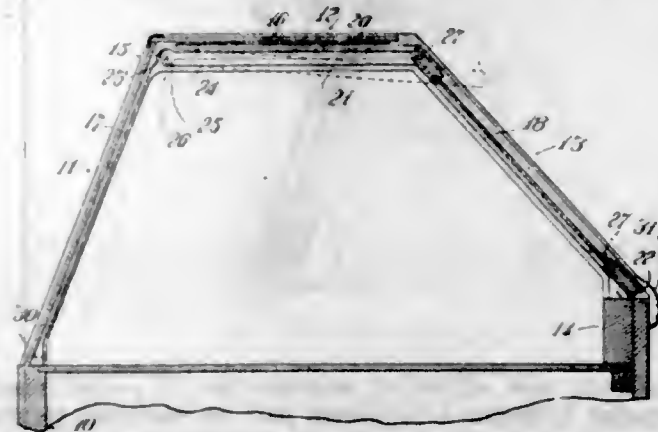
1,644,674. CARLINE. DAVID W. HAWKSWORTH, Detroit, Mich., assignor, by mesne assignments, to Hutchins Car Roofing Company, Detroit, Mich., a Corporation of Delaware. Filed July 9, 1921. Serial No. 483,383. 5 Claims. (Cl. 108-56.)



1. A carline comprising a Z-bar developed from a sheet-metal blank of uniform width to have a web portion and a flange portion reversely tapered between the ridge and the side plates, and a clip for securing said carline to the side plate of a width equal to the combined width

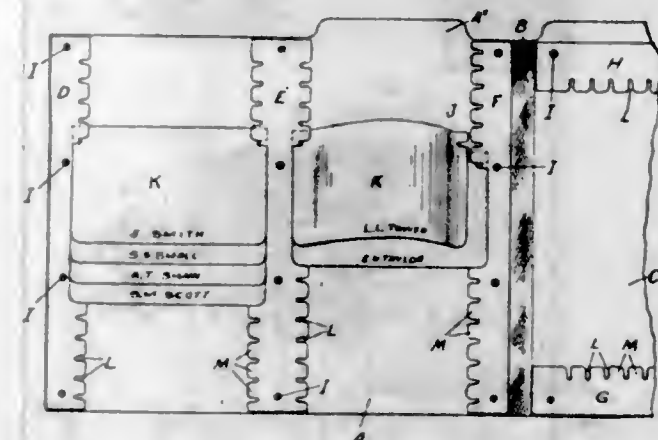
of the top and bottom flanges of the Z-bar in the widest portions thereof, said clip being secured to the inside of said side plate and having portions at different elevations secured to said flanges.

1,644,675. DISPLAY CASE. WILLIAM T. HUENING, Chicago, Ill., assignor to Paul J. Daemicke Company, Chicago, Ill., a Corporation of Illinois. Filed Dec. 23, 1925. Serial No. 77,403. 4 Claims. (Cl. 211-25.)



1. In a display case of the character described, transversely disposed frame members arranged in predetermined parallel spaced relation, each member constituting a top and two side portions, the opposing surface of the top and one side portion intermediate of the upper and lower edges thereof being provided with a continuous channel extending from the lower end of said side portion upwardly lengthwise of the top portion and terminating in an open end in the forward end of the top portion, an upwardly disposed stop lug, integral with the member arranged in advance of said open end arranged so as to permit passage thereof, in combination with a sash provided with projecting pins at both ends adapted to enter said channel and to slide lengthwise thereof and arranged to permit passage over said stop-lug.

1,644,676. FILING DEVICE. JOSEPH M. HURLEY, Minneapolis, Minn., assignor to Douglas O. McClain, Minneapolis, Minn. Filed Oct. 2, 1926. Serial No. 139,181. 3 Claims. (Cl. 129-34.)

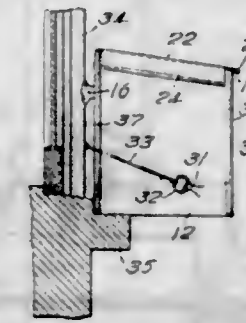


1. In a card-filing system, a plate, a pair of spaced, parallel strips secured upon the face of the plate and having opposed notches dividing the edge portions of the strips into tongues, said tongues normally lying in a common plane flat upon the plate and being slightly flexible to permit the insertion thereunder of corners of the cards to be filed.

1,644,677. FOLDING REFRIGERATOR. SIGMUND F. KOHN, New York, N. Y. Filed Jan. 6, 1926. Serial No. 79,660. 3 Claims. (Cl. 45-71.)

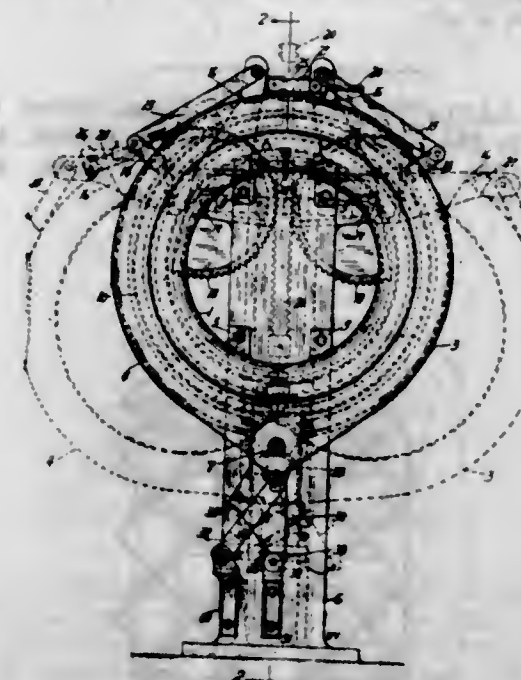
1. A foldable container comprising a front wall, a back wall, and end walls hingedly connected along their side edges to the opposite ends of said front and back

wall, a cover plate hinged to one of said walls for disposition over the container, a bottom plate detachably supported within said container, shelf supporting members formed in said end walls, a removable shelf sup-



ported on said means within said container, means formed on said end walls for securing said container in service position, and means formed on said end walls for preventing relative slipping between said wall sections.

1,644,678. APPARATUS FOR VULCANIZING INNER TUBES. OTTO J. KUHKE, Akron, Ohio, assignor to The Kuhke Machine Company, Akron, Ohio, a Corporation of Ohio. Filed Sept. 21, 1926. Serial No. 139,817. 19 Claims. (Cl. 18-38.)

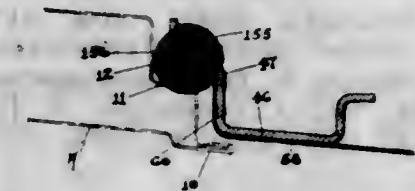


18. A mold for the vulcanization of inner tubes, said mold comprising separable sections, one of which is an annular inner section having a trough shaped cavity, the walls of the inner section being of a diameter not less than the diameter of the median line of the green tube inflated substantially to size, so that the sides of the tube are supported by the inner section walls, and overhanging of the tube is eliminated prior to the closing of the mold sections.

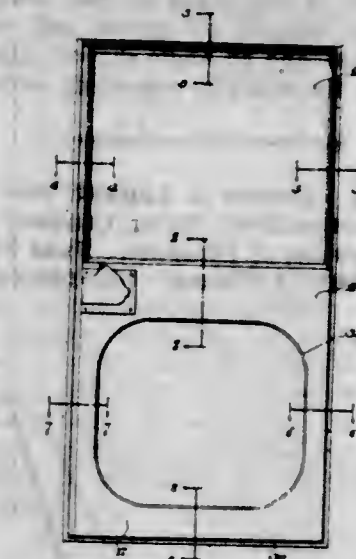
1,644,679. BUFFER FOR AUTOMOBILE DOORS. JOSEPH LEDWINKA, Philadelphia, Pa., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa., a Corporation of Pennsylvania. Original application filed Dec. 27, 1920, Serial No. 433,379. Divided and this application filed Nov. 17, 1922. Serial No. 601,635. 6 Claims. (Cl. 16-86.)

1. In an automobile body, the combination of a metal door post having an integral portion thereof of angular cross section to form a door stop, said angular portion having an opening formed therein, a seating member attached to the inner surface of said door post behind

said opening, and a resilient buffer member disposed in said opening to protrude therethrough and seated against said seating member, said buffer member having longitudinally extending end portions lodged behind the angular portion of said door post above and below said opening to retain the same in place.

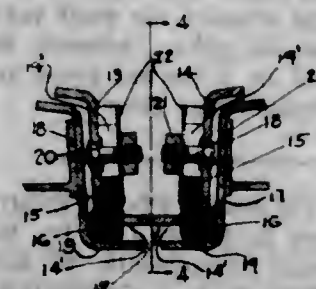


1,644,680. DOOR FOR AUTOMOBILE BODIES. JOSEPH LEDWINKA, Philadelphia, Pa., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Sept. 18, 1924. Serial No. 738,345. 3 Claims. (Cl. 296-44.)



2. In a door rail for closed body vehicles, a double angle member having one portion thereof constituting the outer overlap of the door and another portion thereof constituting the edge of the door, a Z member having a portion thereof joined to said second mentioned portion and a main web at right angles thereto, and an angle member having one branch thereof secured to said Z member whereby to form a glass run channel between the main web of said Z member and the other branch of said angle member.

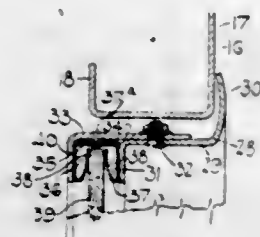
1,644,681. AUTOMOBILE DOOR BUFFER. JOSEPH LEDWINKA, Philadelphia, Pa., assignor to Edward G. Budd Manufacturing Co., Philadelphia, Pa., a Corporation of Pennsylvania. Filed Oct. 2, 1924. Serial No. 741,261. 4 Claims. (Cl. 16-86.)



1. In a device of the class described a pressed metal door post having an offset jamb wall of single sheet metal thickness, a buffer block projecting through an aperture

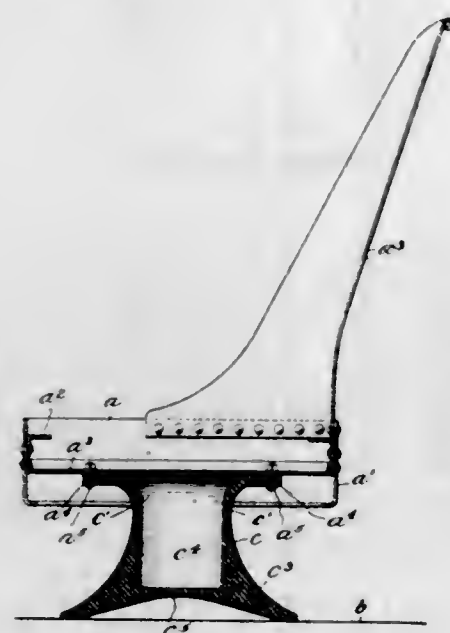
in the offset and lying flatly against the inner surface of said jamb wall, and means clamping the body against said inner surface.

1,644,682. WEATHER STRIP FOR AUTOMOBILE DOORS. JOSEPH LEDWINKA, Philadelphia, Pa., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Jan. 29, 1925. Serial No. 5,422. 6 Claims. (Cl. 296-44.)



1. A window frame for vehicles having a top rail disposed laterally of the plane of the window glass, a top weather-strip adapted to receive and weather-proof the top of the glass, and an angle shaped support for said weather strip in its entirety removably secured to said top rail.

1,644,683. SEAT. AUGUST H. LEIPERT, New York, N. Y., assignor to International Motor Company, New York, N. Y., a Corporation of Delaware. Filed Feb. 18, 1926. Serial No. 88,986. 4 Claims. (Cl. 155-134.)

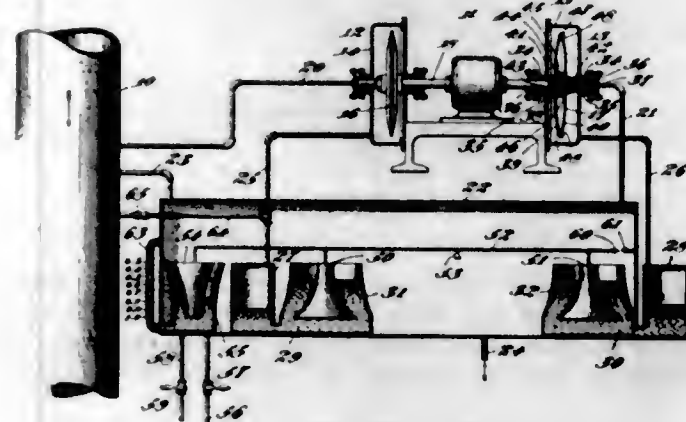


1. In a seat, a cylindrical pedestal formed of yielding non-metallic material whereof the walls vary in thickness in the same horizontal plane, whereby flexion of the pedestal is permitted in a vertical plane and resisted in a vertical plane perpendicular thereto.

1,644,684. SPECIFIC-GRAVITY-DETERMINING APPARATUS. GARRETT B. LINDERMAN, JR., Bethlehem, Pa., assignor, by mesne assignments, to American Meter Company, New York, N. Y., a Corporation of Delaware. Filed May 27, 1924. Serial No. 716,223. 3 Claims. (Cl. 265-44.)

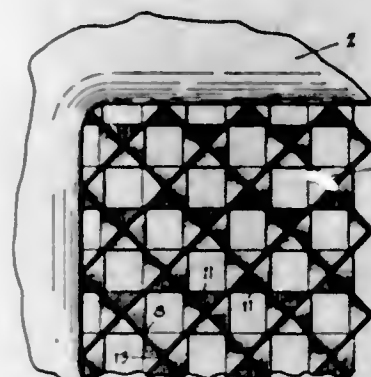
1. In apparatus for determining specific gravity of a gas, first and second pressure-developing centrifugal devices, means for operating said devices in a predetermined

speed relation, means for supplying air to the first device, means for supplying gas to the second device, means for maintaining an equilibrium of pressures of the air and gas supplied to the respective devices, outlet connections for the devices, manometers having legs connected to the



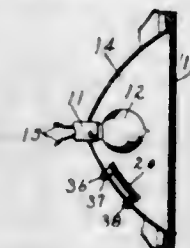
respective outlet connections of the devices and having their other legs subjected to the pressure of the supplied air and gas, floats in said other legs, and means operated by said floats for ascertaining the specific gravity of the gas in terms of air.

1,644,685. RADIATOR. GEORGE H. LOBER, Toledo, Ohio, assignor to The Beck-Frost Corporation, Detroit, Mich., a Corporation of Michigan. Filed June 9, 1926. Serial No. 114,706. 2 Claims. (Cl. 257-130.)



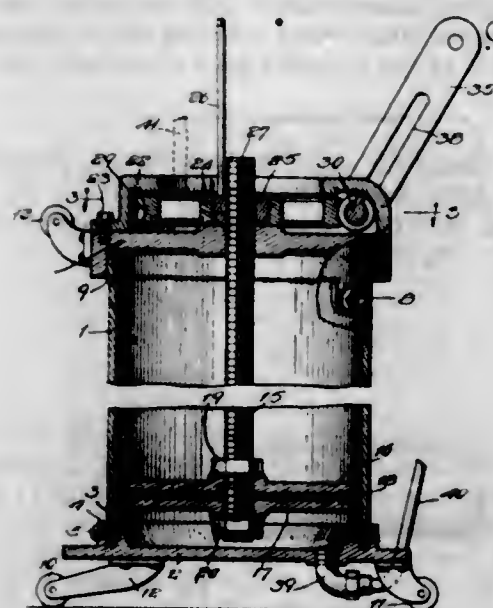
1. In a radiator for an automobile, a plurality of vertical water tubes formed by pairs of strips of sheet metal located in spaced relation and having corrugating contacting edges, the strips forming the tubes having inwardly extending beads located along the vertical central lines of the strips, beads of each tube being normally in contact with each other and adapted to be separated from each other by freezing of the water in the tube, spacing strips located intermediate the tubes and having corrugated edges, the angles in the corrugations of the spacing strips being in contact with the angles of the corrugations of the tubes to form air passage-ways between the tubes, each spacing strip having a plurality of alternately projecting ribs struck up between the corrugated edge portions and pressed against the tubes and extending transversely substantially the width of the tubes, the end portions of the ribs being elastic for elastically pressing the sheet metal strips of the tubes towards each other, the beads of the tubes operating to limit the inward movement of the strips of the tubes by the pressure of the ribs when the ice thaws.

1,644,686. REFLECTOR ATTACHMENT FOR VEHICLE HEADLIGHTS. EMERICH J. MARKEL, New Haven, Conn. Filed Nov. 5, 1925. Serial No. 67,068. 9 Claims. (Cl. 240-48.2.)



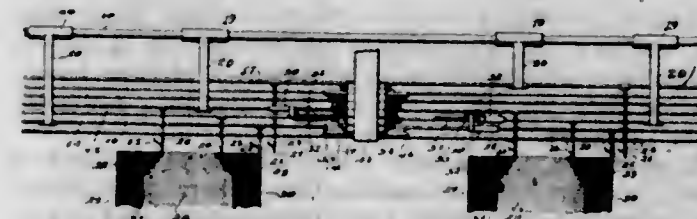
1. A reflector attachment for a headlight or the like having a concave reflector and a source of light disposed in the center of said reflector, said attachment, comprising a segment of transparent material, said segment being arc-shaped and having a concave upper surface substantially parallel with the surface of said reflector and being corrugated both radially and arcuately.

1,644,687. GREASE OR OIL GUN OR THE LIKE. WALTER M. MAYER, Chicago, Ill. Filed Feb. 13, 1924. Serial No. 692,534. 4 Claims. (Cl. 221-47.1.)



1. In a device of the kind described and in combination, a casing having a discharge port at one end, a plunger rod projecting thereinto from the opposite end, a plunger mounted on said rod, means for preventing the rotation of the rod, means for moving the rod and plunger axially of the casing comprising a worm wheel, means mounted on and in threaded engagement with the rod and worm wheel for detachably connecting the rod and worm wheel, a worm gear in mesh with said worm wheel, and manually operated means for driving said worm gear.

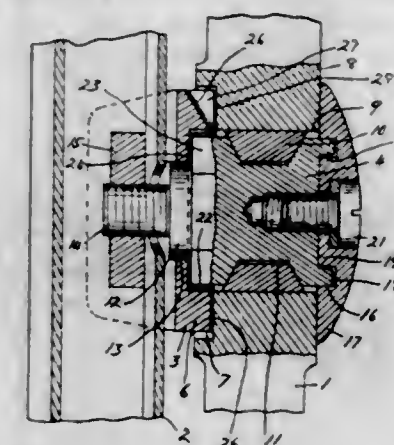
1,644,688. KNITTING MACHINE. EDWARD OESTERREICH, Philadelphia, Pa. Filed Sept. 21, 1923. Serial No. 664,056. 13 Claims. (Cl. 66-128.)



7. In a knitting machine, the combination with a carrier rod and a thread carrier movable therewith, of a stop fixed to the carrier rod, a plurality of abutments

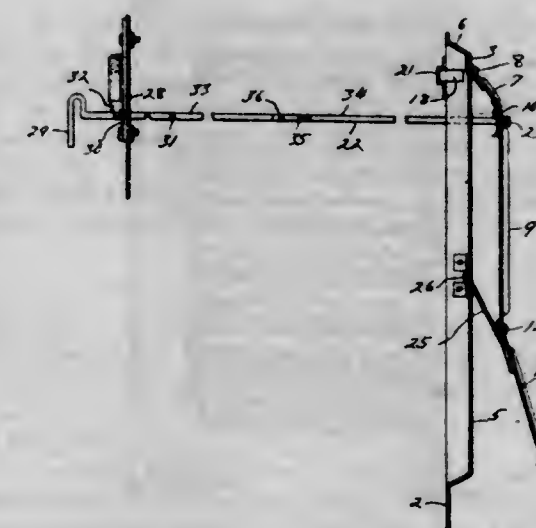
movable into and out of the path of the stop at respectively different points, an actuating lever for the abutments, a cam that operates on the lever to move it, and a holding dog movable into engagement with the lever to hold it in inactive relation to the cam.

1,644,689. WINDSHIELD PIVOT. ALBERT T. POTTER, Detroit, Mich., assignor to Ainsworth Manufacturing Company, Detroit, Mich., a Corporation of Michigan. Filed Sept. 24, 1923. Serial No. 664,544. 10 Claims. (Cl. 296-92.)



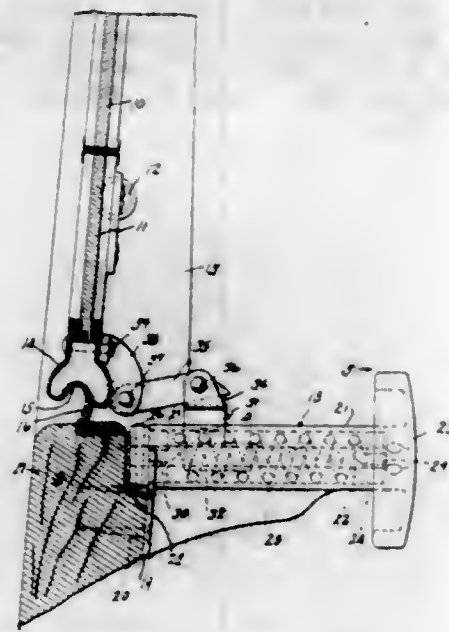
1. In a pivot construction, the combination with a pivotal member and a support therefor, of a pivot for said pivotal member including a head engaging the pivotal member, a stud rotatably mounted in said support and securing said head to said pivotal member, and a member non-rotatively sleeved upon said stud and having a projection engaging said head for non-rotatively locking said stud to said head in selective positions of rotative adjustment.

1,644,690. RADIATOR SHIELD. WILLIAM S. FRITCHARD, Detroit, Mich., assignor to Motor Products Corporation, Detroit, Mich., a Corporation of New York. Filed Dec. 28, 1925. Serial No. 77,902. 7 Claims. (Cl. 180-62.)



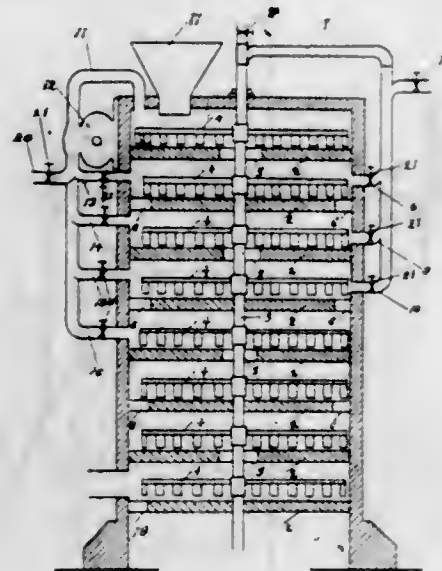
1. The combination with a radiator, of a shield therefor including protecting sections having adjacent edges thereof hinged to each other and means for simultaneously moving said sections away from said radiator to expose the portion of the radiator normally protected by the lower section to a greater extent than the portion of the radiator normally protected by the other section.

1,644,691. WINDSHIELD. WILLIAM S. BRITCHARD, Detroit, Mich., assignor to Motor Products Corporation, Detroit, Mich., a Corporation of New York. Filed Aug. 23, 1926. Serial No. 131,008. 10 Claims. (Cl. 296-93.)



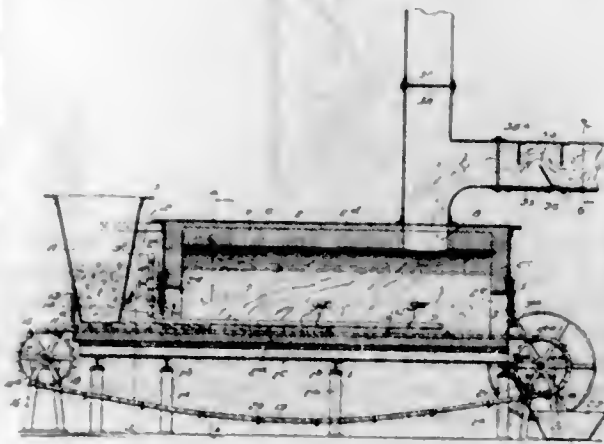
1. In combination, a swinging windshield, a rectilinearly movable carrier, means for connecting said carrier to said windshield for adjusting the latter and means for actuating said carrier including a spiral resilient element connected therewith.

1,644,692. PROCESS OF ROASTING. JOHN BURNS READ, Golden, and MELVILLE F. COOLBAUGH, Denver, Colo., assignors to The Complex Ores Recoveries Company, Denver, Colo., a Corporation of Colorado. Filed July 29, 1925. Serial No. 46,735. 5 Claims. (Cl. 75-18.)



1. A method of roasting sulfides, which comprises feeding the sulfides into and through a furnace, feeding air for oxidation into the furnace in advance of the point at which the sulfides are introduced and causing a portion of the hot gases to travel counter currently to carry heat to the introduced sulfides and causing the remainder of the gases to travel concurrently with the ore.

1,644,693. APPARATUS FOR PRODUCING SMOKE. HARRY M. ROBERTSON, Lakewood, Ohio. Filed July 10, 1923. Serial No. 650,727. 13 Claims. (Cl. 99-2.)



1. In apparatus of the class described, the combination of a furnace chamber having a bed, means for conveying smoke producing material over said bed from end to end of said chamber, and means disposed above the material for heating it as the material moves over said bed.

1,644,694. LADDER AND METHOD OF PREPARING RUNGS AND RAILS THEREOF. ALVIN V. ROWE, Galesburg, Ill. Filed Apr. 8, 1924. Serial No. 705,225. 1 Claim. (Cl. 228-58.)

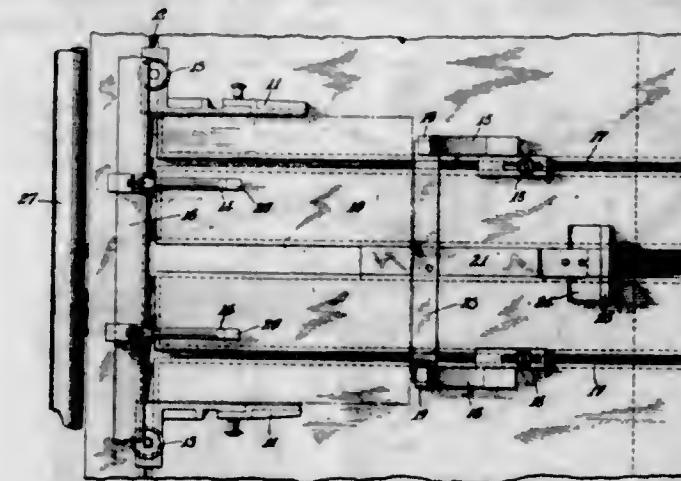


A wooden ladder including side rails, having openings therethrough and counterbored seats in the opposite faces thereof, the openings, and the seats being seared to close the pores in the wood and rungs having shouldered tenons fitted in said openings, the tenons, the shoulders, and the peripheries of the rungs adjacent the shoulders being each seared to close the pores in the wood, and the ends of the tenons of the rungs being rounded and being seared and extending into the counterbored seats in the outer faces of the rail, the counterbored seats of the rails being of greater diameter than the bodies of the rungs and of the rounded ends of the tenons.

1,644,695. SHEET-FEEDING MECHANISM. KARL SIEG, Brooklawn, N. J., assignor to Samuel M. Langston Company, Camden, N. J., a Corporation of New Jersey. Filed July 22, 1926. Serial No. 124,138. 3 Claims. (Cl. 271-44.)

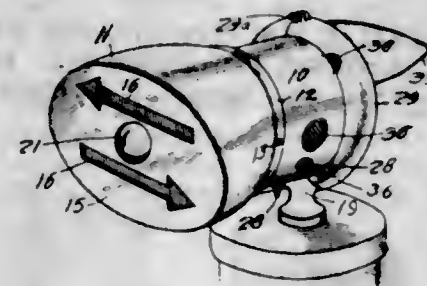
1. In combination, a table adapted to support a stack of sheets, a front bracket spaced above the table to permit the movement of a single sheet therebeneath, and having a recess adapted to permit the limited forward movement of the next to the bottom sheet, a pair of rear brackets having ledges for holding the rear edge of the stack spaced above the table, a reciprocatory bar, a main feeder

secured thereto and movable back and forth beneath said ledges, and an auxiliary feeder secured to said reciprocatory bar in the rear of said main feeder, and adapted to



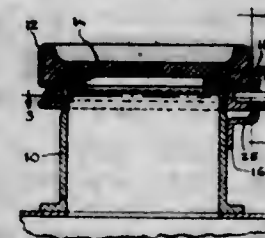
engage with the next to the bottom sheet of the stack and advance it a sufficient distance to permit it to drop from said ledges.

1,644,696. AUTOMOBILE LAMP. WINALOE U. STONE-HILL, Cincinnati, Ohio. Filed Apr. 25, 1923. Serial No. 634,579. 1 Claim. (Cl. 177-329.)



A lamp for motor vehicles comprising a casing of a substantially cylindrical portion and a portion forward of the substantially cylindrical portion which enlarges forward and which has a vertical front wall with openings constituting direction signals, such forward portion having two compartments, each with a lamp, one for each of the direction signals, said casing having at front and back aligning-light-emitting openings, the front one being situated between the two direction-signalling openings, a single lamp supported within the substantially cylindrical portion of the casing in line with said openings and shining simultaneously through both of them when lighted and the substantially cylindrical portion of the casing having an opening in its side for the lateral emission of light from said last mentioned lamp, said casing being adapted for mounting, either at the front of the vehicle or the rear of the vehicle, and when mounted at the rear furnishing light for parking and tail-light purposes.

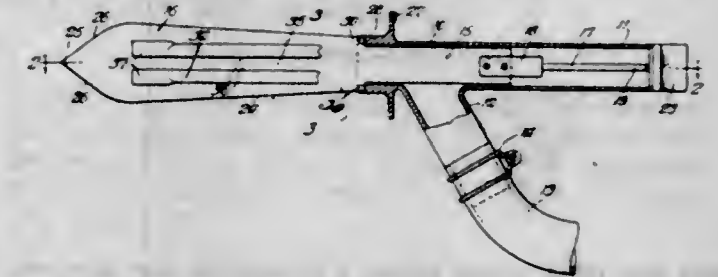
1,644,697. SCREW CAP FOR CONTAINERS. GUSTAF E. TORNAJO, Columbia, Mo. Filed Dec. 17, 1925. Serial No. 75,934. 1 Claim. (Cl. 220-32.)



In combination with the neck of a container having exterior threads on its upper end, a cap having internal threads for engagement, with said exterior threads, said

cap having an exterior circumferential groove, a wire having a circular portion fitting snugly into said groove and permitting rotation of said cap, said wire having end portions bent outwardly to form parallel members and the latter being bent at right angles to form oppositely extending hinge members, and an ear carried by said neck, said ear having a vertical slot for receiving and permitting up and down movement of said hinged members and said ear also being cut out at its middle portion to form a stop shoulder for engagement by said parallel members whereby said cap is maintained substantially horizontal when swung into open position.

1,644,698. BLEEDING APPLIANCE. EUGENE F. WALKER, Kansas City, Mo., assignor to Pioneer Slaughtering Device Company, Kansas City, Mo., a Corporation of Missouri. Filed Apr. 26, 1927. Serial No. 186,700. 18 Claims. (Cl. 17-1.)



1. In a device of the character described, a chambered body portion, a suction connection leading therefrom, a blade extending from said body portion and guards lying on opposite sides of said blade through the major portion of the length of said blade.

1,644,699. HYDRAULIC CONVEYER. FREDERIC L. WARD, Detroit, Mich. Filed July 14, 1924. Serial No. 725,960. 7 Claims. (Cl. 302-15.)

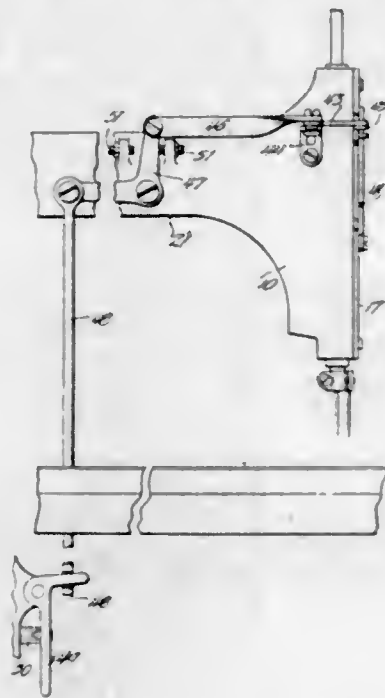


1. A hydraulic conveying system for sand and gravel and the like, comprising a fluid pump, an unobstructed main delivery conduit extending therefrom, an open hopper feeding into said conduit, a connecting conduit between said hopper and said main conduit, a second pump having the inlet side thereof connected to said main delivery and a delivery conduit leading therefrom into said hopper adjacent the entrance to said connecting conduit.

1,644,700. SEWING MACHINE. OTTO P. WATSON, Michigan City, Ind., assignor to Reliance Manufacturing Company, Chicago, Ill., a Corporation of Indiana. Filed Dec. 6, 1922. Serial No. 605,142. 18 Claims. (Cl. 112-221.)

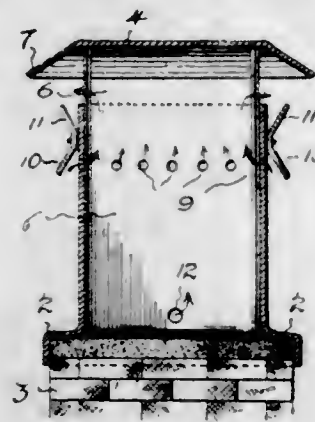
1. A sewing machine comprising a head having aligned upper and lower bearings, said lower bearing being of larger diameter than said upper bearing, a hollow needle bar slidably mounted in said lower bearing, a second needle bar slidably mounted in said hollow needle bar and said upper bearing, a boss projecting from said second needle bar above the upper end of said hollow needle bar, a slotted link secured to said boss, a face plate having a slot parallel with the slot in said link, a pin projecting from the upper end of said hollow needle bar and through the slots in the said link and said face plate, a latch pivotally mounted on said pin, said latch

comprising means for engaging said boss to lock said needle bars together, an apertured lug extending from said latch, a rod extending through the aperture in said lug, one end of said rod being pivotally mounted upon



said face plate, a link having a bearing for the other end of said rod, a pawl for holding said latch in its release position, and means whereby said link can be actuated to engage said latch with, or release it from, said boss.

1,644,701. VENTILATOR AND THE LIKE. ALFRED B. ANDERSON, New Haven, Conn. Filed June 6, 1925. Serial No. 35,337. 1 Claim. (Cl. 98-67.)

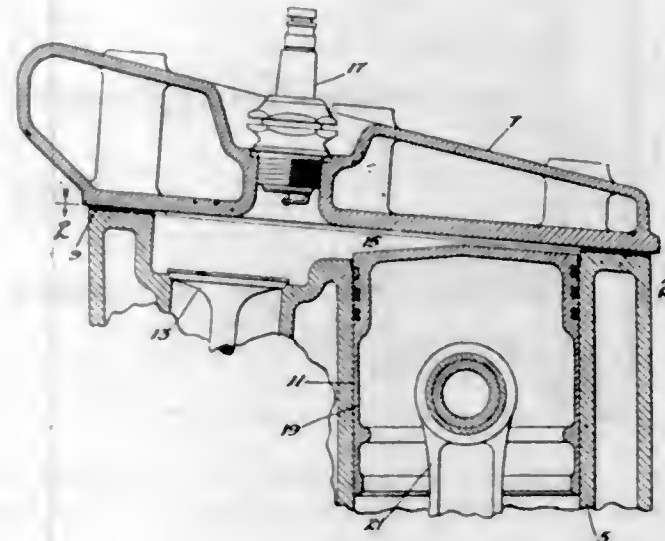


In a ventilator of the class described, a casing forming a single flue, said casing having an open top; deflector plates adjacent to and surrounding said open top on all sides; said plates being added members secured to said casing and arranged so as to lie in opposite angular positions relatively to each other and a series of holes in said casing beneath said deflector plates, substantially as and for the purpose set forth.

1,644,702. INTERNAL-COMBUSTION ENGINE. DAVID E. ANDERSON, Detroit, Mich., assignor to General Motors Corporation, Detroit, Mich., a Corporation of Delaware. Filed Oct. 16, 1925. Serial No. 62,787. 14 Claims. (Cl. 123-191.)

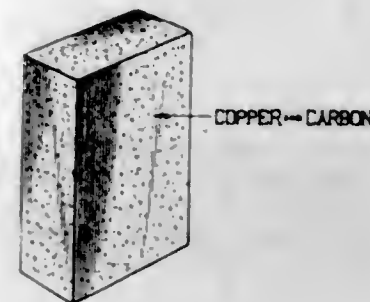
9. A cylinder block provided with a cylinder and adjacent valves, a head covering same, the line of contact with the head being at right angles to the longitudinal axis of the valve chamber, but at less than right angles to the axis of the cylinder, the valve seat being depressed below said line of contact, the cylinder wall adjacent said

valve chamber being cut away to form a restricted opening and a piston with its head shaped to substantially close the upper end of the cylinder throughout the half



remote from the valve chamber and to leave a tapered opening into the restricted space communicating with the valve chamber.

1,644,703. MATERIAL FOR COMMUTATOR BRUSHES. FREDERICK C. ATKINSON, Indianapolis, Ind. Filed Apr. 25, 1923. Serial No. 634,631. 2 Claims. (Cl. 171-325.)



1. The method of preparing conducting material for electricity comprising the steps of combining an oxide of copper with fusible material of organic origin, subjecting the mixture to destructive distillation, cooling the product, reducing it to a finely powdered condition, adding a binder containing copper, molding the mixture into desired form, and thereafter baking, substantially as set forth.

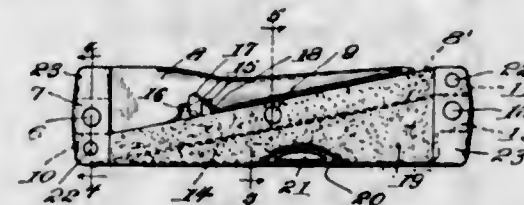
1,644,704. VANITY CASE. JOHN F. BABBITT, Louisville, Ky., assignor to John V. Pilcher, Louisville, Ky. Filed Dec. 2, 1926. Serial No. 152,193. 3 Claims. (Cl. 132-83.)



3. In a vanity case, a pair of circular case sections, one of which forms a powder container and the other a cover therefor, said powder container having an inwardly curved wall, the edge of which abuts the edge of the cover section when closed, a powder receptacle in said powder

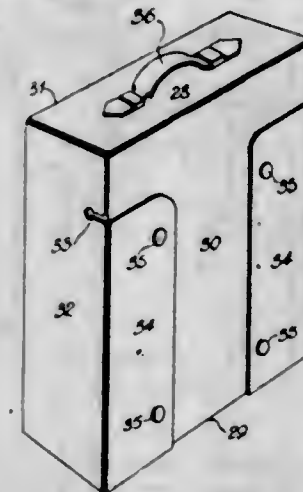
containing section with means for holding it detachably therein, a pair of rings held within the wall of the receptacle, and a resilient diaphragm having openings in the central part only and having a peripheral edge clamped between said rings.

1,644,705. COMBINATION TOOL. MILES HARVEY BELCHER, Greasy Creek, Ky. Filed Nov. 27, 1926. Serial No. 151,193. 1 Claim. (Cl. 86-22.)



A tool of the character described comprising lining plates having one of their edges arranged at an inclination, projections included in said lining plates, a strip secured between said lining plates and following the inclination of the inclined edges, shouldered ends formed on said strip and being disposed between the ends of the lining plates and projections respectively, work operating members having shanks secured between the ends of the lining plates and cooperating with the shouldered ends of the strip, and crimping means formed with said strip and one of said work operating members respectively and said operating members including a knife blade and a punch.

1,644,706. PERAMBULATOR. MAURICE LOUIS BEANON, London, England, assignor of one-half to Robert James Walker, Leicester, England. Filed July 12, 1926, Serial No. 121,864, and in Great Britain Aug. 10, 1925. 7 Claims. (Cl. 280-37.)

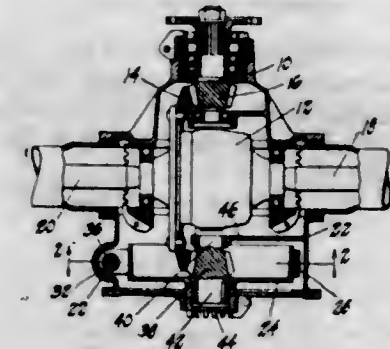


1. A folding perambulator comprising a frame, spaced slide bars carried thereby, crossed wheel supporting members slidably and rotatably mounted on said slide bars, stop pieces on said slide bars adapted to limit the movement of said wheel supporting members, one of said slide bars being disposed in a lower plane than the other slide bar, whereby all of said wheels may be folded in a plane at right angles to the plane of said wheels when in operative position.

1,644,707. DRIVE AXLE CONSTRUCTION. LLOYD BLACKMORE, Highland Park, Mich., assignor to General Motors Corporation, Detroit, Mich., a Corporation of Delaware. Filed Apr. 11, 1923. Serial No. 631,387. 10 Claims. (Cl. 188-77.)

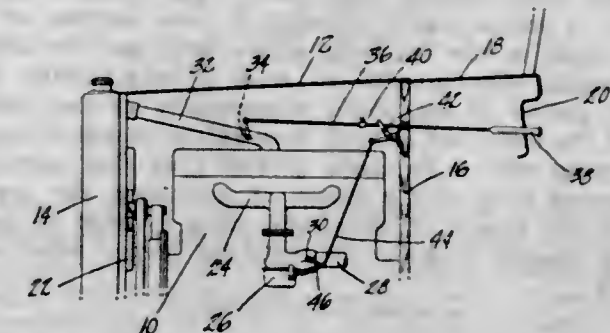
1. A drive axle construction comprising, in combination, oppositely extending axles and housings therefor, a differential device driving said axles, a brake drum geared

to the differential device on its rear side and arranged in a vertical plane parallel to the drive axles, a brake on said drum, and brake operating connections including a



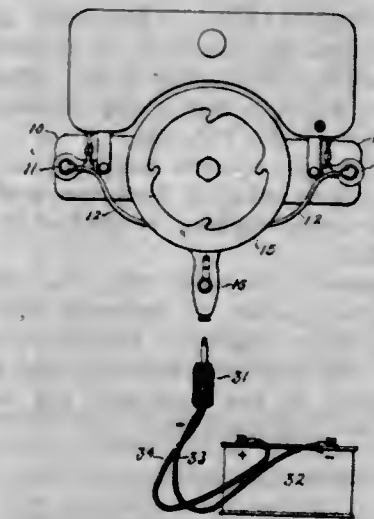
vertically reciprocable shaft terminating above the level of said axle housings to permit an operating device to extend forward above the housing.

1,644,708. MOTOR VEHICLE. LLOYD BLACKMORE, Highland Park, Mich., assignor to General Motors Corporation, Detroit, Mich., a Corporation of Delaware. Filed June 16, 1924. Serial No. 720,327. 7 Claims. (Cl. 123-170.)



1. In a motor vehicle, an engine, a device for controlling the temperature of the engine, a mechanism controlling the fuel mixture supply to the engine, a single control means, a positive connection between said control means and said device, and a lost motion connection between said control means and said mechanism.

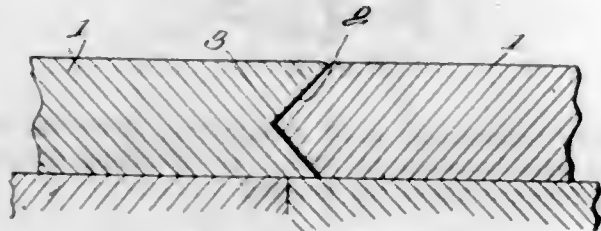
1,644,709. DUAL IGNITION FOR OUTBOARD MOTORS. ARTHUR J. CAILLE, Detroit, Mich. Filed Dec. 30, 1925. Serial No. 78,317. 3 Claims. (Cl. 123-148.)



1. In combination with an internal combustion engine having a magneto including an induction coil for supplying high tension current, a closed circuit telephone jack in

the circuit including said magnet and the primary winding, and an electric battery having its terminals connected to a telephone plug adapted to be inserted in said jack to open said magnet circuit and close a circuit including the battery.

1,644,710. PREFINISHED FLOORING. KENNETH E. CROOKS, Williamsport, Pa., assignor to The Cromar Company, Williamsport, Pa., a Corporation of Pennsylvania. Filed Dec. 31, 1925. Serial No. 78,585. 1 Claim. (Cl. 20—8.)



A flooring formed of a series of duplicate prefinished flooring strips, each flooring strip having one of its longitudinal edges formed with beveled faces to provide a tongue of substantially V-shape in cross section of a width equal to the thickness of the strip and the other longitudinal edge grooved to form a substantially V-shaped groove of the width substantially of the thickness of the strip, the beveled faces of the tongue of each strip being cut on an angle greater than that between the beveled faces of the groove of such strip, the upper edge of the groove of each strip being rounded to produce a groove between the adjacent strips when assembled.

1,644,711. COMPOSITION OF MATTER AND PROCESS OF FORMING SAME. MARC DARRIN, Pittsburgh, Pa., assignor to F. N. Burt Company Limited, Toronto, Canada, a Corporation of Ontario, Canada. Filed June 10, 1924, Serial No. 719,059. Renewed Mar. 11, 1927. 12 Claims. Cl. 106—12.)

3. A composition of matter comprising approximately from 20% to 35% cellulose, the remainder being chiefly sulphur and containing an introder, the composition possessing properties of hardness and strength, impermeability and resistivity, being a non-conductor of electricity and capable of being machined.

1,644,712. ELECTRIC LAMP. ANTONIUS DE GRAAFF, Eindhoven, Netherlands, assignor to General Electric Company, a Corporation of New York. Filed Apr. 17, 1923. Serial No. 632,790, and in the Netherlands Apr. 27, 1922. 2 Claims. Cl. 176—16.)

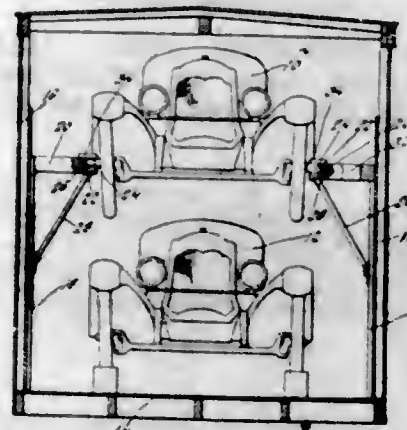
1. In an incandescent filament lamp, an oxygen-getter consisting of a combination of hydrogen and a drying agent whereby excessive sagging is prevented, said drying agent being P_2O_5 .

2. In an incandescent filament lamp, an oxygen-getter consisting of a combination of hydrogen and a drying agent whereby excessive sagging is prevented, said drying agent being P_2O_5 , the hydrogen being diluted by another gas, the percentage of the hydrogen gas being from 0.5% to 4% of the gaseous filling.

1,644,713. AUTOMOBILE SHIPPING DECK. EARL T. CUNNINGHAM, Lansing, Mich. Filed May 2, 1925. Serial No. 27,520. 1 Claim. Cl. 105—368.)

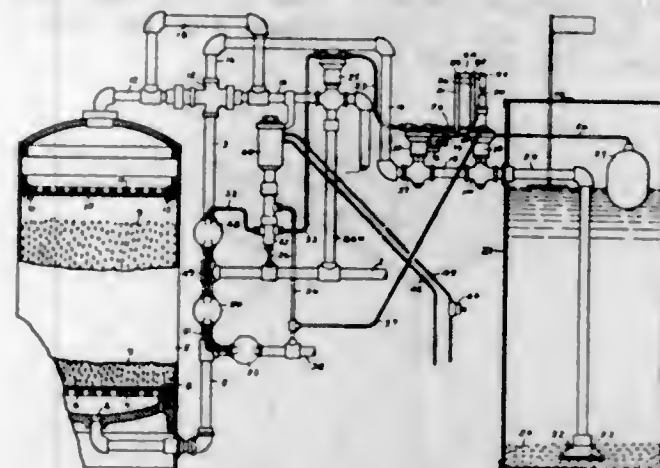
An automobile-shipping deck comprising, in combination, a horizontal arm having at its inner end an elongated

notch for the hub, a spacer block in the notch to compensate for differences in the distances between opposite



decks, horizontal diagonal braces for the inner end of the arm, and a downwardly inclined supporting brace for the inner end of the arm.

1,644,714. WATER-SOFTENING APPARATUS. CHARLES F. EISENHAUER, Dayton, Ohio, assignor to The Duro Company, Dayton, Ohio, a Corporation of Ohio. Filed July 27, 1925. Serial No. 46,291. 12 Claims. (Cl. 210—24.)

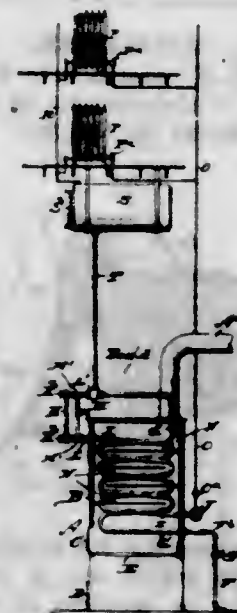


1. In a water softening apparatus, a container for a softening means, a container for regenerating means, means to deliver regenerating material to the softening means, means to deliver hard water to the softening means and to take softened water therefrom, a plurality of valves to control the alternate periods of regenerating and softening, a master control valve therefor, a means to control said master control valve, said means being remote from the system.

1,644,715. STEAM GENERATOR. JOHN R. EVANS, Windsor, Ontario, Canada, assignor of one-fourth to Benjamin W. Tanzy, Detroit, Mich. Filed Apr. 10, 1924. Serial No. 705,423. 3 Claims. (Cl. 122—41.)

1. In an apparatus of the character described, a plurality of laterally spaced sets of vertically disposed steam generating coils, a manifold connected with the lower ends of said coils, vertically disposed preheating water coils arranged in spaced relation with the steam generating coils and adapted for connection with a water main and having inlet ends at the bottom of the apparatus, an

elevated manifold connected with the pre-heating water coils and with the upper ends of the steam generating coils, a plurality of sight feed tubes respectively in line



with the several steam generating coils and their connection with the upper manifold, and valves for regulating the "flow" through said sight feed tubes.

1,644,716. INTEGRAL CLOSET STRUCTURE. WALTER C. FAY, Norfolk, Va. Filed Aug. 3, 1925. Serial No. 47,956. 1 Claim. (Cl. 45—37.)

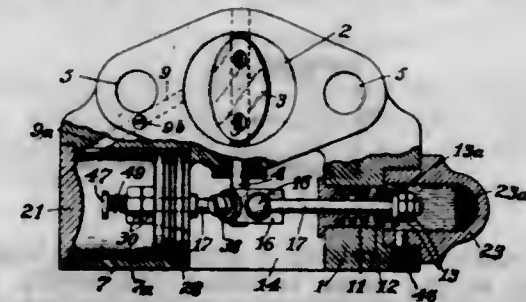


In combination, an integral open front closet structure, and drawer frames removably disposed in the bottom thereof and adapted to be shifted to reverse position, one of said frames having a side wall of increased thickness, said frame adapted itself to be reversed to bring said thickened side wall adjacent the closet wall in either disposition of said frame.

1,644,717. AUTOMATIC FUEL REGULATOR. LOUIS FERRETTE, Paris, France. Filed Feb. 5, 1927. Serial No. 166,122. 4 Claims. (Cl. 137—163.)

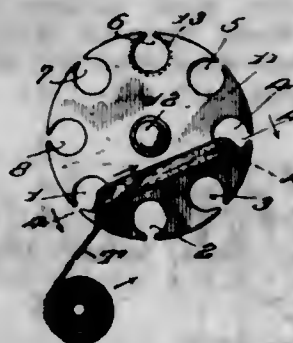
1. In a device of the type described a piston rod and a spring for urging said rod in one direction, means for

adjusting the tension of said spring, a plug for housing said adjusting means, a cover-plate adapted to be sealed



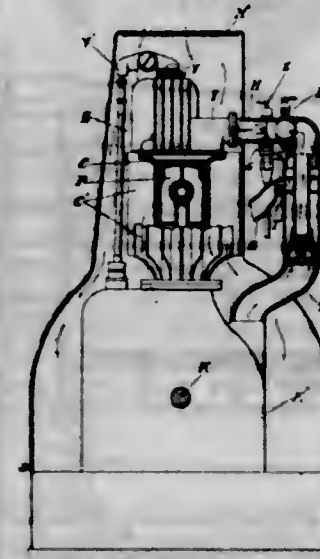
to said device and means on said cover-plate to prevent the removal of said plug before the removal of said cover-plate.

1,644,718. ARMATURE. PATRICK J. FITZGERALD, Torrington, Conn., assignor to The Fitzgerald Manufacturing Company, Torrington, Conn., a Corporation of Connecticut. Filed July 16, 1925. Serial No. 44,051. 3 Claims. (Cl. 171—206.)



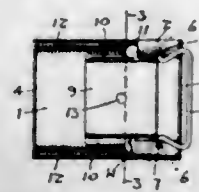
1. An armature having a plurality of coils of wire successively wound in the slots of a core and crossing one another at the ends of the core, and a continuous tape passing over each successive coil so that a layer of tape is present between each two coils at their mutual crossings.

1,644,719. INTERNAL-COMBUSTION ENGINE. CARLELL S. FLYNNER, Newark, N. J., assignor, by means assignments, to The Prest-O-Lite Company, Inc., Indianapolis, Ind., a Corporation of New York. Filed June 6, 1921. Serial No. 475,412. 12 Claims. (Cl. 123—171.)



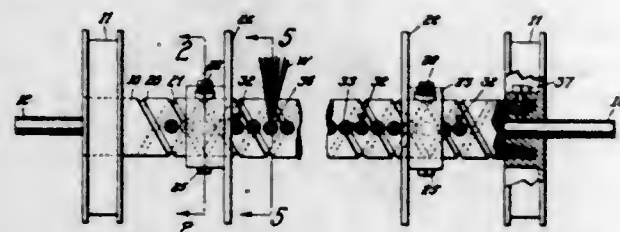
1. The combination with an internal combustion engine comprising a crank case and a cylinder having a mixture inlet, of a conduit establishing communication between said crank case and said mixture inlet, and means whereby air is discharged into said conduit at a point between said crank case and said mixture inlet and at a pressure above the normal intake suction pressure in said cylinder, so as to draw gas from said crank case into said conduit and discharge such gas into said cylinder.

1,644,720. BUCKLE. AARON A. GOLDSTEIN, Buffalo, N. Y. Filed June 7, 1926. Serial No. 114,155. 4 Claims. (Cl. 24-163.)



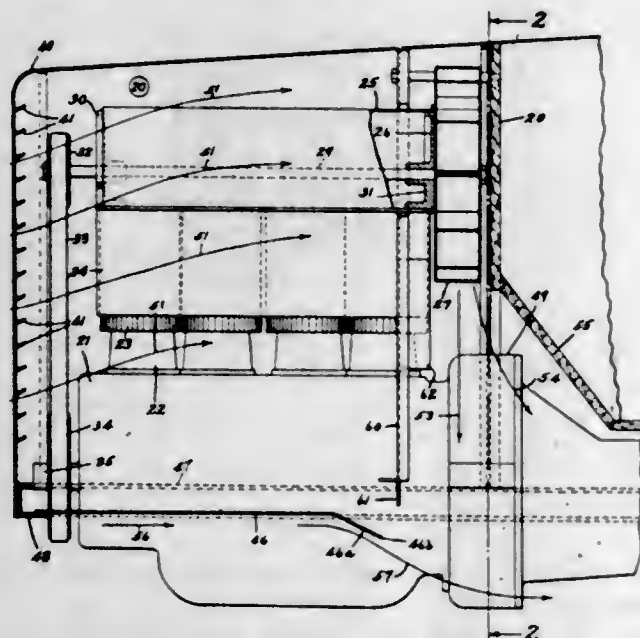
4. A buckle, comprising a frame having longitudinal chambers at the sides enclosing compression springs, means for securing a strap to said frame, a slidable plate interposed between said chambers and having flanges offset from the main body portion and extending into said chambers and adapted to be engaged by said springs, and a stud secured to the body portion of said slidable plate and extending rigidly therefrom and adapted to engage the strap secured to the frame.

1,644,721. WARP BEAM FOR LOOMS. ALBERT A. GORDON, Worcester, Mass., assignor to Crompton & Knowles Loom Works, Worcester, Mass., a Corporation of Massachusetts. Filed Sept. 27, 1926. Serial No. 137,860. 9 Claims. (Cl. 242-115.)



1. In a hollow warp beam for looms, a tubular barrel having openings therein through which the warp threads may extend, and a flexible member extending along the interior of the barrel to have warp threads tied thereto at a plurality of points.

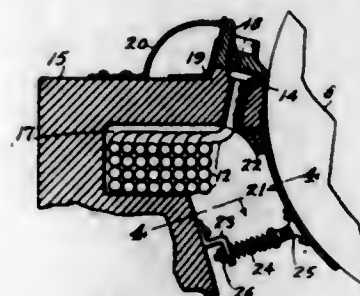
1,644,722. AIR-COOLED ENGINE. GEORGE E. A. HALLERT, Dayton, Ohio, assignor to General Motors Research Corporation, Dayton, Ohio, a Corporation of Delaware. Filed Mar. 14, 1925. Serial No. 15,654. 9 Claims. (Cl. 123-171.)



1. In an automotive vehicle comprising a frame and an engine carried adjacent the front end of the frame, a hood enclosing the front, top and sides of the engine, dash and toe boards enclosing the rear of the engine, air-cooling means for the engine including a fan located adja-

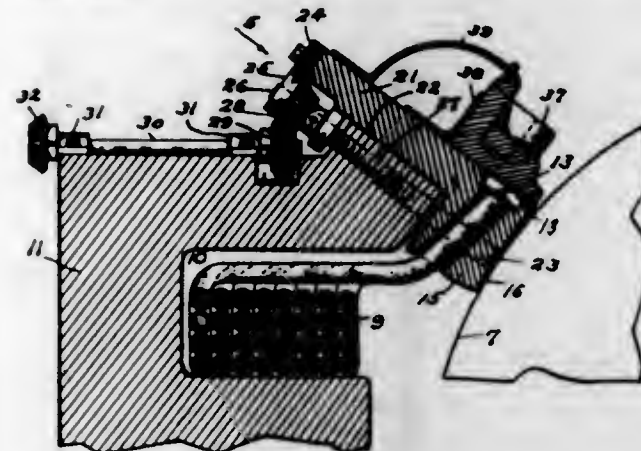
cent the dashboard and above the engine flywheel at the rear of the engine, and means for causing currents of air created outside the engine hood by the motion of the vehicle to draw out from the engine enclosure the warm air discharged by the fan.

1,644,723. INKING MECHANISM. JOHN J. HALLIWELL, Tuckahoe, N. Y., assignor to R. Hoe & Co., Inc., New York, N. Y., a Corporation of New York. Filed Sept. 16, 1925. Serial No. 56,574. 16 Claims. (Cl. 101-366.)



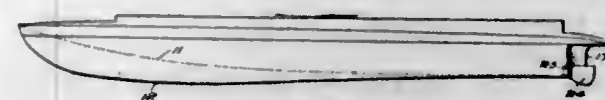
1. In an inking mechanism for printing machines, feeding openings through which ink is fed under pressure for different columns or sections of the matter to be printed, a member to which ink is fed from the openings, and means extending a substantial distance along the ink receiving face of the member for smoothing out and distributing the ink on the member and forming a mixing surface or area as it is fed from the openings.

1,644,724. ADJUSTABLE INK-PUMP RAIL. HARRY V. BALL, Concord, Mass., assignor to R. Hoe & Co., Inc., New York, N. Y., a Corporation of New York. Filed Jan. 14, 1926. Serial No. 81,190. 10 Claims. (Cl. 101-365.)



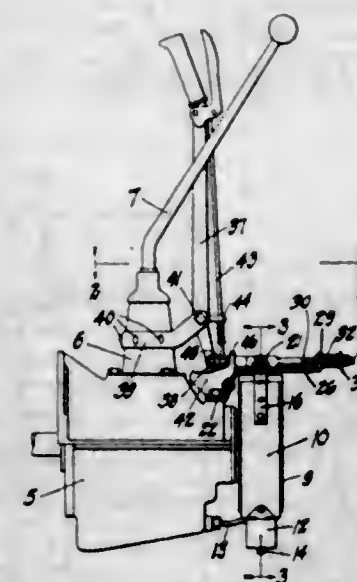
1. In an inking mechanism, a distributing member, feeding openings through which ink is delivered to the member, one of these openings being provided for each column or section of the form, and means for effecting a relative adjustment of a plurality of these feeding openings with respect to the distributing member without affecting the position of other feeding openings with respect to the member for regulating the thickness of the ink film supplied from the openings.

1,644,725. BOAT. WILLIAM ALBERT HICKMAN, West Mystic, Conn. Filed Dec. 2, 1922. Serial No. 604,596, and in Colombia Oct. 23, 1922. 10 Claims. (Cl. 114-66.5.)



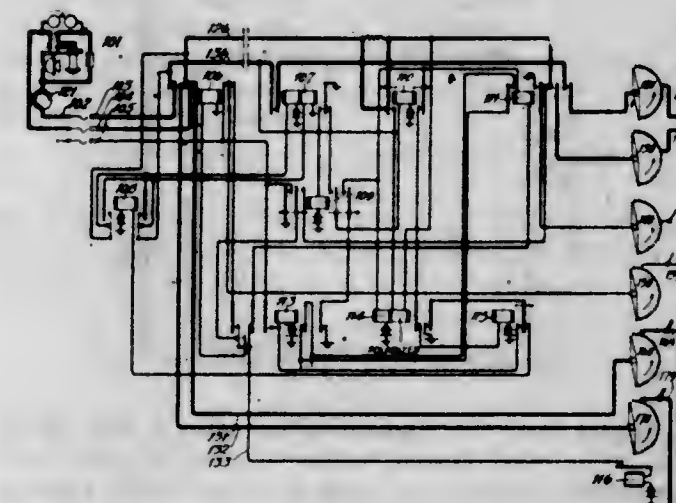
1. A boat presenting a bottom of the inverted V-bottom type in which the angles of incidence increase aft.

1,644,726. BRAKE MECHANISM FOR MOTOR VEHICLES. ORMOND E. HUNT, Detroit, Mich., assignor to General Motors Corporation, Detroit, Mich., a Corporation of Delaware. Filed Apr. 20, 1923. Serial No. 633,471. 4 Claims. (Cl. 188-77.)



2. Brake mechanism for motor vehicles comprising a transmission casing, a shaft extending therefrom, a brake drum on said shaft, a brake band surrounding said drum with its extremities on the upper side of the drum, an anchor adapted to support said band at the central portion thereof, a supporting plate mounted upon said casing and having slots parallel to the plane of rotation of said drum, an actuating plate having converging slots transverse to said first-mentioned slots, the extremities of said band having projections extending through respective pairs of said slots whereby movement of said actuating plate axially of the drum causes contraction and expansion of said band, and means mounted centrally of said casing for moving said actuating plate.

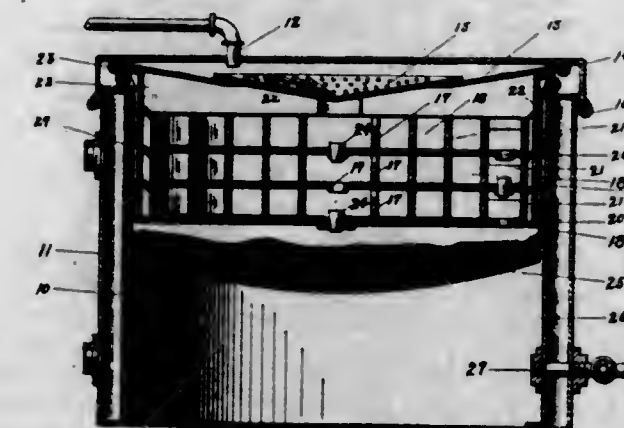
1,644,727. BY-PASS SELECTOR CIRCUIT. EMIL JACOBSEN, Plandome, N. Y., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed May 8, 1926. Serial No. 107,755. 7 Claims. (Cl. 179-18.)



1. In a telephone system, a selector having a plurality of banks and a single operating mechanism, a plurality of trunks, part of said trunks being connected to part of said banks, the remainder of said trunks being connected to the remainder of said banks, means for setting said switch to establish a connection through one of said

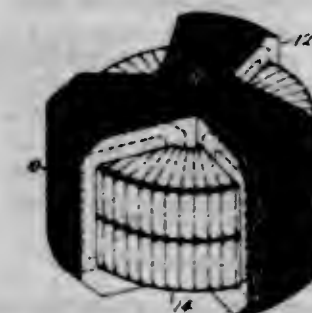
banks, and means in said selector for automatically releasing said switch and re-establishing said connection through another of said banks.

1,644,728. OIL FILTER. CHARLES B. JAHNKE, Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill., a Corporation of Illinois. Filed Aug. 14, 1924. Serial No. 732,032. 13 Claims. (Cl. 210-43.)



3. In an oil filter, a precipitating tray having a spiral passage therein, a transverse dam at each end of said passage, and a strip of screen folded to cross said passage at a plurality of points.

1,644,729. STATIONARY INDUCTION APPARATUS. SVEND E. JOHANNSEN, Pittsfield, Mass., assignor to General Electric Company, a Corporation of New York. Filed Feb. 21, 1922. Serial No. 538,306. 7 Claims. (Cl. 175-356.)

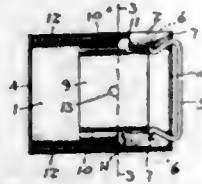


1. In electrical apparatus, a core lamination comprising two magnetic elements, each of said elements having an opening, and an electrical winding traversing the opening and surrounding one side of each of said elements, there being a space between the inner face of said winding and the adjacent edge of the opening in one of said elements, the surrounded side of said other element extending into said space, and the outer sides of said elements being substantially equidistant from the outer face of said winding.

1,644,730. PROCESS OF TREATING RUBBER LATEX AND PRODUCT OBTAINED THEREBY. HERBERT W. KELLEY, Winchester, and WILLIAM D. WOLFE, Newton, Mass., assignors, by mesne assignments, to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Mar. 16, 1925. Serial No. 16,046. 8 Claims. (Cl. 18-50.)

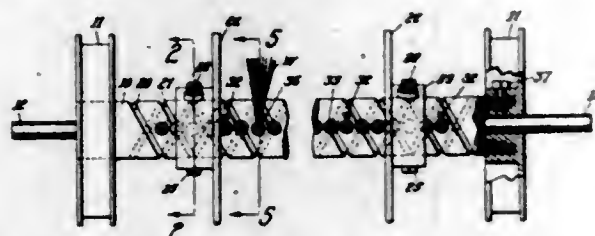
1. The method of treating latex containing ammonia which consists in adding to the latex a compound of boron trioxide and a polyhydroxyl compound of the kind described in which two OH groups are bound to adjacent carbon atoms.

1,644,720. BUCKLE. AARON A. GOLDSTEIN, Buffalo, N. Y. Filed June 7, 1926. Serial No. 114,155. 4 Claims. (Cl. 24-163.)



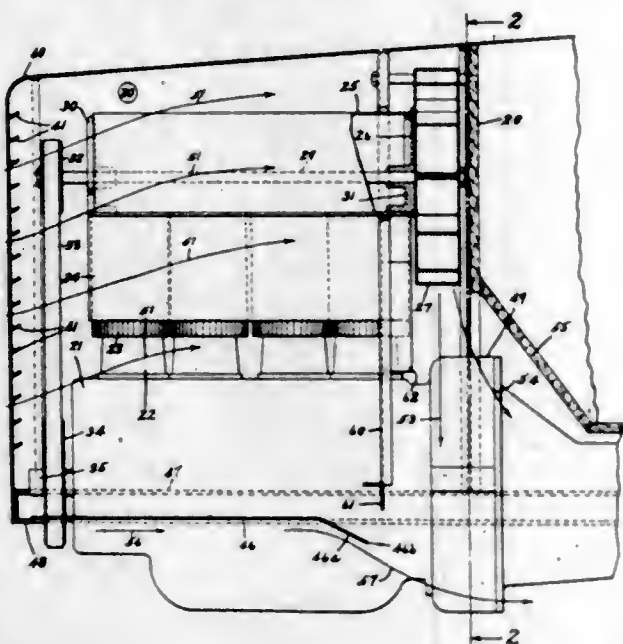
4. A buckle, comprising a frame having longitudinal chambers at the sides enclosing compression springs, means for securing a strap to said frame, a slidable plate interposed between said chambers and having flanges offset from the main body portion and extending into said chambers and adapted to be engaged by said springs, and a stud secured to the body portion of said slidable plate and extending rigidly therefrom and adapted to engage the strap secured to the frame.

1,644,721. WARP BEAM FOR LOOMS. ALBERT A. GORDON, Worcester, Mass., assignor to Crompton & Knowles Loom Works, Worcester, Mass., a Corporation of Massachusetts. Filed Sept. 27, 1926. Serial No. 137,860. 9 Claims. (Cl. 242-118.)



1. In a hollow warp beam for looms, a tubular barrel having openings therein through which the warp threads may extend, and a flexible member extending along the interior of the barrel to have warp threads tied thereto at a plurality of points.

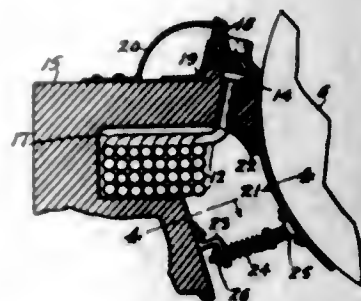
1,644,722. AIR-COOLED ENGINE. GEORGE E. A. HALLITT, Dayton, Ohio, assignor to General Motors Research Corporation, Dayton, Ohio, a Corporation of Delaware. Filed Mar. 14, 1925. Serial No. 15,654. 9 Claims. (Cl. 123-171.)



1. In an automotive vehicle comprising a frame and an engine carried adjacent the front end of the frame, a hood enclosing the front, top and sides of the engine, dash and toe boards enclosing the rear of the engine, air-cooling means for the engine including a fan located adja-

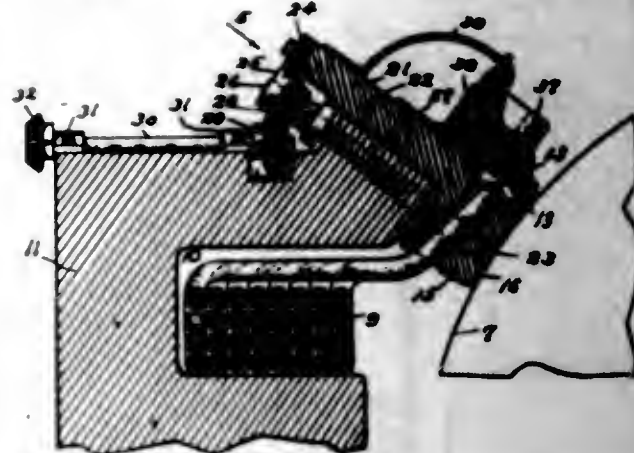
cent the dashboard and above the engine flywheel at the rear of the engine, and means for causing currents of air created outside the engine hood by the motion of the vehicle to draw out from the engine enclosure the warm air discharged by the fan.

1,644,723. INKING MECHANISM. JOHN J. HALL, Tuckahoe, N. Y., assignor to R. Hoe & Co., Inc., New York, N. Y., a Corporation of New York. Filed Sept. 16, 1925. Serial No. 56,574. 16 Claims. (Cl. 101-366.)



1. In an inking mechanism for printing machines, feeding openings through which ink is fed under pressure for different columns or sections of the matter to be printed, a member to which ink is fed from the openings, and means extending a substantial distance along the ink receiving face of the member for smoothing out and distributing the ink on the member and forming a mixing surface or area as it is fed from the openings.

1,644,724. ADJUSTABLE INK-PUMP RAIL. HARRY V. BALL, Concord, Mass., assignor to R. Hoe & Co., Inc., New York, N. Y., a Corporation of New York. Filed Jan. 14, 1926. Serial No. 81,190. 10 Claims. (Cl. 101-365.)



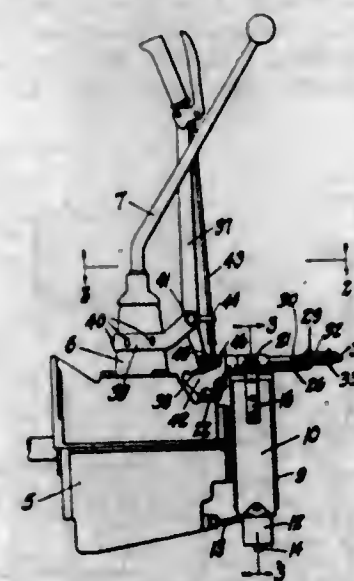
1. In an inking mechanism, a distributing member, feeding openings through which ink is delivered to the member, one of these openings being provided for each column or section of the form, and means for effecting a relative adjustment of a plurality of these feeding openings with respect to the distributing member without affecting the position of other feeding openings with respect to the member for regulating the thickness of the ink film supplied from the openings.

1,644,725. BOAT. WILLIAM ALBERT HICKMAN, West Mystic, Conn. Filed Dec. 2, 1922. Serial No. 604,596, and in Colombia Oct. 23, 1922. 10 Claims. (Cl. 114-66.5.)



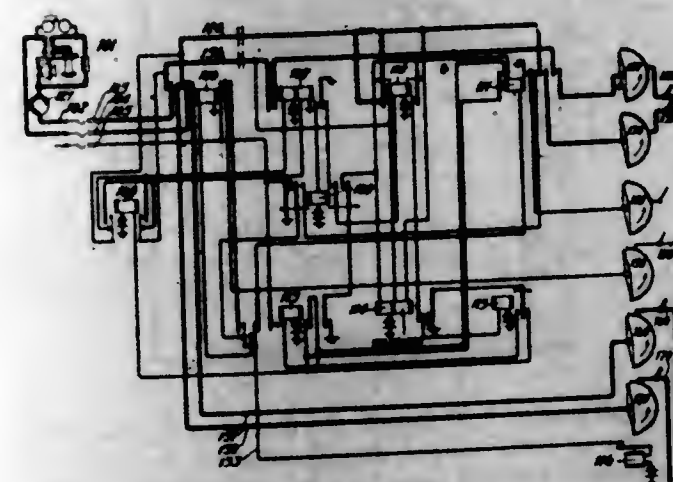
1. A boat presenting a bottom of the inverted V-bottom type in which the angles of incidence increase aft.

1,644,726. BRAKE MECHANISM FOR MOTOR VEHICLES. ORMOND E. HUNT, Detroit, Mich., assignor to General Motors Corporation, Detroit, Mich., a Corporation of Delaware. Filed Apr. 20, 1923. Serial No. 633,471. 4 Claims. (Cl. 188-77.)



2. Brake mechanism for motor vehicles comprising a transmission casing, a shaft extending therefrom, a brake drum on said shaft, a brake band surrounding said drum with its extremities on the upper side of the drum, an anchor adapted to support said band at the central portion thereof, a supporting plate mounted upon said casing and having slots parallel to the plane of rotation of said drum, an actuating plate having converging slots transverse to said first-mentioned slots, the extremities of said band having projections extending through respective pairs of said slots whereby movement of said actuating plate axially of the drum causes contraction and expansion of said band, and means mounted centrally of said casing for moving said actuating plate.

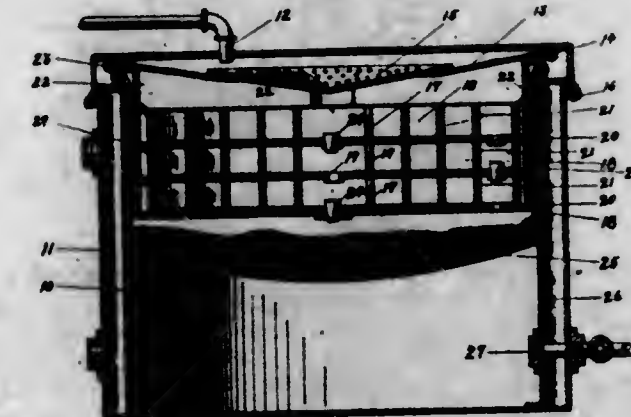
1,644,727. BY-PASS SELECTOR CIRCUIT. EMIL JACOBSEN, Plandome, N. Y., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed May 8, 1926. Serial No. 107,755. 7 Claims. (Cl. 179-18.)



1. In a telephone system, a selector having a plurality of banks and a single operating mechanism, a plurality of trunks, part of said trunks being connected to part of said banks, the remainder of said trunks being connected to the remainder of said banks, means for setting said switch to establish a connection through one of said

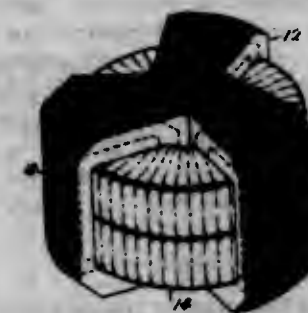
banks, and means in said selector for automatically releasing said switch and re-establishing said connection through another of said banks.

1,644,728. OIL FILTER. CHARLES B. JAHNKE, Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill., a Corporation of Illinois. Filed Aug. 14, 1924. Serial No. 782,082. 13 Claims. (Cl. 210-43.)



3. In an oil filter, a precipitating tray having a spiral passage therein, a transverse dam at each end of said passage, a strip of screen folded to cross said passage at a plurality of points.

1,644,729. STATIONARY INDUCTION APPARATUS. SVEND E. JOHANNSEN, Pittsfield, Mass., assignor to General Electric Company, a Corporation of New York. Filed Feb. 21, 1922. Serial No. 588,806. 7 Claims. (Cl. 175-356.)

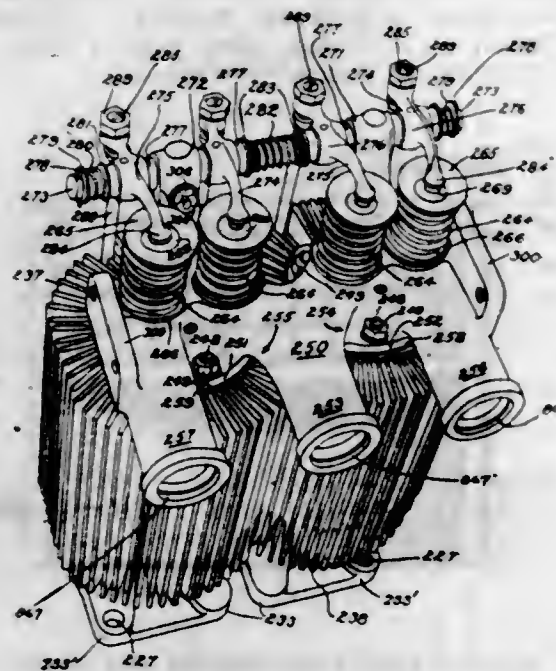


1. In electrical apparatus, a core lamination comprising two magnetic elements, each of said elements having an opening, and an electrical winding traversing the opening and surrounding one side of each of said elements, there being a space between the inner face of said winding and the adjacent edge of the opening in one of said elements, the surrounded side of said other element extending into said space, and the outer sides of said elements being substantially equidistant from the outer face of said winding.

1,644,730. PROCESS OF TREATING RUBBER LATEX AND PRODUCT OBTAINED THEREBY. HERBERT W. KELLEY, Winchester, and WILLIAM D. WOLFE, Newton, Mass., assignors, by means assignments, to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Mar. 16, 1925. Serial No. 18,046. 8 Claims. (Cl. 18-50.)

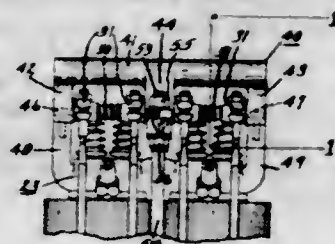
1. The method of treating latex containing ammonia which consists in adding to the latex a compound of boron trioxide and a polyhydroxyl compound of the kind described in which two OH groups are bound to adjacent carbon atoms.

1,644,731. INTERNAL-COMBUSTION ENGINE. CHARLES F. KETTERING and CHARLES R. SHORT, Dayton, Ohio, assignors to General Motors Research Corporation, Dayton, Ohio, a Corporation of Delaware. Filed Apr. 17, 1922. Serial No. 553,938. 13 Claims. (Cl. 123-171.)



1. In a multiple cylinder internal combustion engine comprising a plurality of pairs of cylinders all secured to and supported by a single crankcase, and each of which cylinders is provided with an inlet and an exhaust port in the head thereof; a plurality of superstructures separate from and arranged above and secured one to each pair of cylinders, and which superstructures are provided each with laterally extending conduits communicating with the ports aforesaid of the pair of cylinders whereby it is supported; a combined inlet and exhaust manifold extending along and secured to the conduits aforesaid of said several superstructures; and heat radiating fins arranged about the cylindrical portion of said cylinders and extending downward from the plane of the heads thereof; said manifold having an inlet leading thereinto and an outlet leading therefrom, and both of which are located at one and the same end of said manifold.

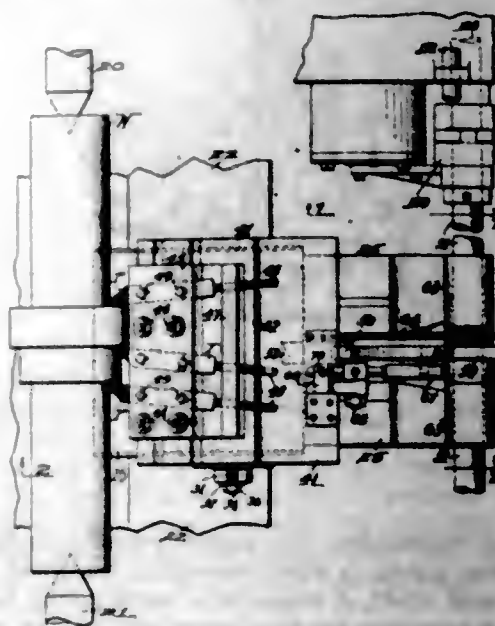
1,644,732. INTERNAL-COMBUSTION ENGINE. CHARLES F. KETTERING, Dayton, Ohio, assignor to General Motors Research Corporation, Dayton, Ohio, a Corporation of Delaware. Filed Nov. 7, 1923. Serial No. 673,238. 2 Claims. (Cl. 123-90.)



1. In combination in an engine having a crank case, and a plurality of cylinders extending upwardly therefrom; a plurality of valves arranged to control ports leading into and out from the upper ends of said cylinders; a shaft arranged above said cylinders; a plurality of oscillating rocker arms supported by said shaft and whereby said valves are operated; a unitary single piece bracket arranged above and extending along the upper ends of said cylinders and whereby said shaft is supported, and the two ends of which bracket are supported from said cylinders at points upon one side of said shaft;

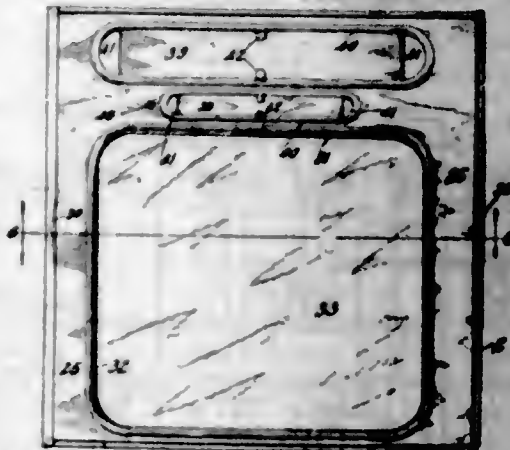
means for supporting the middle part of said bracket from the crankcase of the engine at one point upon the other side of said shaft; and means for operating said rocker arms.

1,644,733. BACK SQUARING ATTACHMENT FOR LATHES. NATHANIEL KING and RICHARD A. ASHTON, Fitchburg, Mass., assignors to Seneca Falls Machine Company, Fitchburg, Mass. Filed June 30, 1924. Serial No. 723,105. 14 Claims. (Cl. 82-25.)



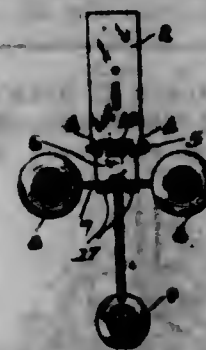
1. In a lathe, a back squaring attachment comprising a base, a tool slide mounted for movement transversely of the lathe on said base, an actuating cam for said slide, means to yieldingly withdraw said slide, means to positively withdraw said slide, said positive withdrawing means becoming positively engaged if the normal yielding withdrawal of said slide is retarded, and means to automatically disengage said positive withdrawing means as said slide reaches a predetermined withdrawn position.

1,644,734. DISPLAY COVER FOR CONTAINERS. HENRY G. KUCK, Peoria, Ill., assignor to Stuber & Kuck Co., Peoria, Ill., a Corporation of Illinois. Filed Sept. 30, 1922. Serial No. 591,618. 1 Claim. (Cl. 220-82.)



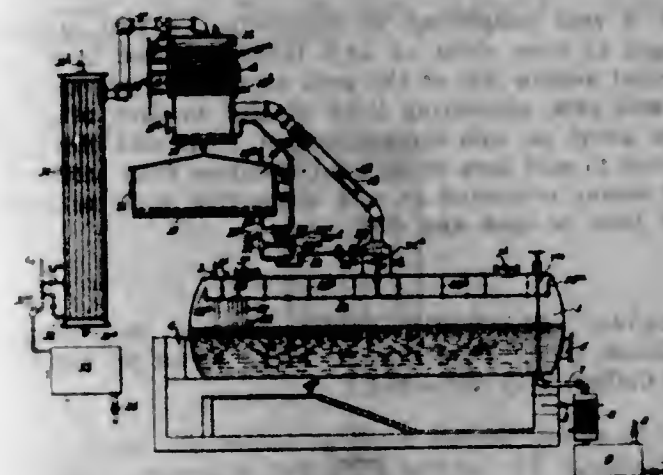
A display-cover for containers, including a base frame and a lid or cover hinged thereto, said lid or cover having a display opening and seats in opposite side walls of the lid or cover, a transparent cover for said opening, a pair of bowed rods to hold said transparent cover in place, said rods having crank ends journaled in opposite end walls of the lid or cover and adapted mediate their ends to have a locking relation in the seats in said lid or cover, and also provided with shoulder portions to engage an edge of said transparent cover to prevent endwise movement of the latter.

1,644,735. EYE MOUNTING. BOWEN LARKIN, Toronto, Ontario, Canada, assignor to Burt M. Lloyd, Woodcliff, N. J. Filed July 30, 1924. Serial No. 728,995. 13 Claims. (Cl. 46-40.)



1. In a sleeping doll's head, the combination of a support mounted therein; a link hingedly connected with said support; eyes pivotally carried by the said link; a resilient member tending to rock said swinging link on its hinge to position the eyes in their sockets; and a weight for actuating said eyes.

1,644,736. PROCESS OF CARRYING OUT CHEMICAL REACTIONS WITH LIQUIDS. EUGENE HENDRICKS LESLIE, Ann Arbor, Mich., and BURNELL R. TUNISON, New York, N. Y. Filed Sept. 4, 1920. Serial No. 408,288. 8 Claims. (Cl. 104-47.)



1. The process of converting liquid hydrocarbons into products of lower boiling point which comprises bringing together surfaces of liquid bodies of hydrocarbons at a converting temperature at least as high as the boiling point of one of them, one of said bodies of liquid being uniformly distributed over the surface of the other and being intermittently supplied thereto, the temperature of the other body of liquid being higher than that of such distributed body of liquid.

1,644,737. HUMIDIFIER. JOHN A. MAKER, Duluth, Minn. Filed July 25, 1925. Serial No. 45,961. 1 Claim. (Cl. 237-78.)

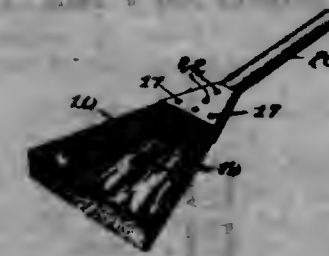


The combination with a radiator of the class described composed of spaced upright sections, of a humidifier tube bent at a right angle, substantially Y-shaped in cross-

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section for engagement with the radiator intermediate of the sections thereof, the flat or outermost wall of the tube being perforated both on its horizontal and vertical faces, and a liquid conducting element within the tube.

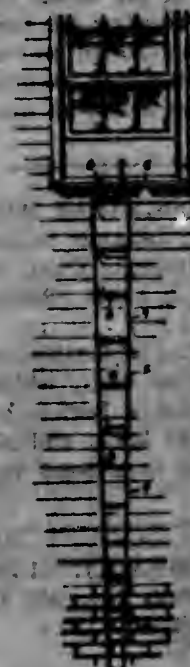
1,644,738. BROOM AND PROCESS OF MAKING SAME. ROBERT A. MARR, Norfolk, Va. Filed Oct. 18, 1922. Serial No. 595,816. Renewed Mar. 10, 1927. 4 Claims. (Cl. 300-21.)



1. Those steps in the manufacture of broom heads which consist in assembling a bundle of fibers, spreading the ends of the fibers to form a flat X-shaped bundle, trimming the spread bundle by cutting on each side thereof parallel to the outermost fibers whereby to leave a flat triangular bundle, and treating the apical portion of the triangular bundle with a binder.

4. A broom head comprising a pair of flattened somewhat fan-shaped bundles of fibrous material of the nature of water-proofed stiff fibers, on opposite sides of a perforated rigid plate, the narrow portion of each of said bundles being held together by a hardened binding material, and said narrow portion having a cut out notch adapted to receive the end of a broom stick, stitching across said bundles intermediate the ends of the fibers, beyond said rigid perforated plate, such stitching being sufficient to prevent undue spreading of the loose ends of the fibers, said perforated plate having perforations therein adapted to receive fastening means passing through corresponding perforations in the broom stick, near the end thereof.

1,644,739. EMERGENCY LADDER. CHARLES C. McCracken, Bradner, Ohio. Filed May 22, 1926. Serial No. 110,984. 1 Claim. (Cl. 123-44.)



In an emergency ladder, a plurality of frames, each frame formed of side bars and a step, the step being formed of a bar having end portions bent at two right angles to support the body of the step, the ends of the plane of the side bars, each end of the step having a cylindrical portion and a portion other than cylindrical, the upper ends of the side bars separated to the step having openings for fitting the portions other than cylindrical.

dical for locking the step to the side bars, the lower ends of the side bars having cylindrical openings fitting the cylindrical portions of the step of the adjoining frame, the ends of the steps riveted over the ends of the side bars of adjoining frames.

1,644,740. MAGAZINE PENCIL. HEINRICH MORLOCK, Pforzheim, Germany. Filed June 12, 1926, Serial No. 115,685, and in Germany May 4, 1925. 1 Claim. (Cl. 120-17.)



A magazine pencil of the type described, comprising a movable tube the upper part of which is enlarged to serve as magazine for the leads, whilst the lower end is provided with a split tube of smaller diameter, having an enlargement on the split portion and serving as lead propeller when the magazine tube is pressed into the holder, a ring or annular member fixed in the stationary sleeve of the pencil, the opening in which is smaller than the outside diameter of the said enlarged portion of the split tube or propeller a coil spring located between the ring and the base of the magazine portion of the movable tube to hold the propeller in the upper position thereby forcing the enlarged portion of the latter into the ring, a cap or hat-shaped spreading member for the lead propeller to release the lead after the forward movement and a shoulder to disengage the spreading member from the lead propeller, substantially as described and for the purpose set forth.

1,644,741. UNITING DISSIMILAR METALS. HARRY C. MOUGER, Dayton, Ohio, assignor to General Motors Research Corporation, Dayton, Ohio, a Corporation of Delaware. Filed Jan. 2, 1923. Serial No. 610,373. 4 Claims. (Cl. 113-112.)

3. The process of uniting a flexible copper body to the curved surface of a ferrous body, which comprises placing between the two bodies a flexible brass sheet coated with zinc and heating the brass and zinc sufficiently to cause them to alloy and thus bond the two bodies together.

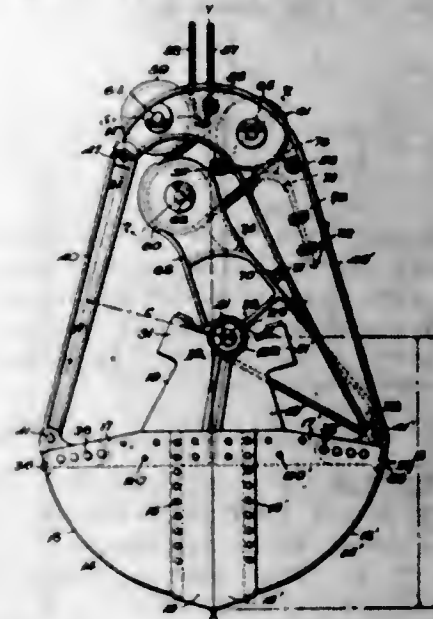
1,644,742. INTERCHANGEABLE SIGN. FRED MOYNIHAN, Chicago, Ill. Filed Nov. 22, 1924. Serial No. 751,443. 3 Claims. (Cl. 40-132.)



2. In an interchangeable sign, the combination of a reflector box, means for illuminating said reflector box, a supporting frame mounted thereon, supporting units dis-

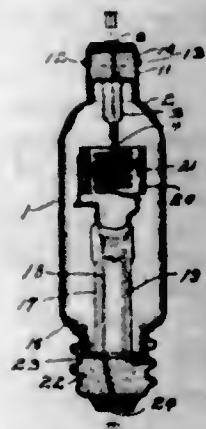
placeably mounted on said supporting frame, display material adapted for insertion in and between said supporting units, and a retaining frame mounted on said supporting frame and covering the end portions of said supporting units.

1,644,743. GRAB. ALMON E. NORRIS, Brookline, Mass. Filed Jan. 17, 1921. Serial No. 437,650. 13 Claims. (Cl. 37-184.)



1. A grab comprising, in combination, a pair of jaws hinged to turn about an axis laterally offset from the vertical median line of the grab as viewed from the end of said axis, supporting links pivoted to each other to turn about an axis laterally offset from said line and pivoted to said jaws at different distances from said axis, and means connected to said supporting links to cause said jaws to open and close.

1,644,744. ELECTRON TUBE. HENRY M. PINSON, Toledo, Ohio. Filed Mar. 21, 1922. Serial No. 545,061. 2 Claims. (Cl. 250-27.5.)

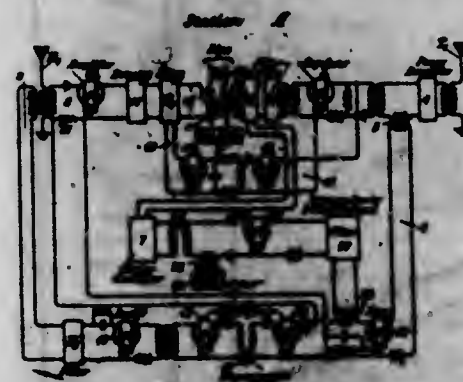


2. An electron tube embodying a heating element provided with a pair of terminals, a first fitting to which the heating element terminals each extend, a grid element provided with a terminal, a plate element provided with a terminal, and a second fitting non-interchangeable with said first fitting, and to which second fitting the grid and plate terminals extend.

1,644,745. TRANSMISSION-LEVEL-CONTROL SYSTEM. RALPH K. POTTER, New York, N. Y., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Dec. 2, 1925. Serial No. 72,942. 13 Claims. (Cl. 178-44.)

1. In a system for controlling the transmission level between stations of a signaling system, the method of automatically regulating the signal-to-noise ratio which

consists in transmitting a communication signal from one station to a second station of the system, simultaneously transmitting from the second to the first station a control signal whose frequency is outside the range of the communication signal, the said signal traversing substantially



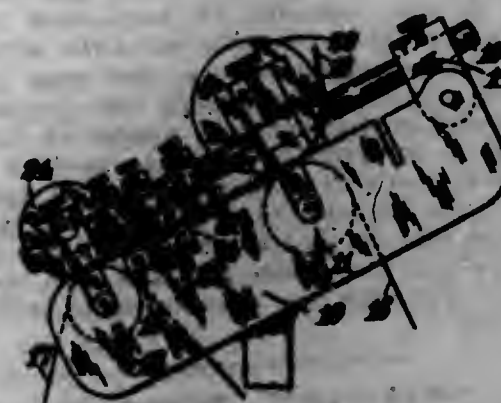
the same path so as to be subject to the same interfering sources, and automatically controlling the amplitude of the communication signal transmitted by the said first station by the control signal received at the said first station.

1,644,746. DRY-CELL ELECTRODE AND METHOD OF MAKING THE SAME. KARL HENRIK WILLIAM RANSEY, Summit, N. J., assignor to Diamond Electric Specialties Corp., Newark, N. J., a Corporation of New Jersey. Filed Dec. 28, 1925. Serial No. 77,680. 8 Claims. (Cl. 136-134.)



1. A dry cell bobbin having a surface coating of an inherently permeable varnish forming an integral part thereof.

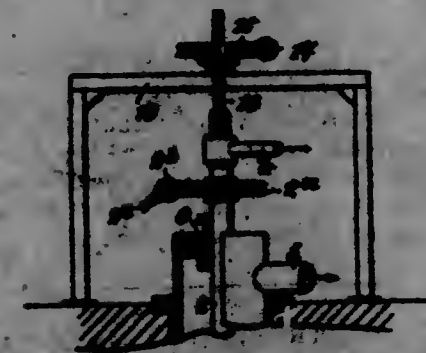
1,644,747. MACHINE FOR DRAFTING FIBROUS MATERIALS. MARTIN AUGUSTE ROTH, Lille, France. Filed Jan. 23, 1926, Serial No. 4,855, and in France Feb. 4, 1924. 7 Claims. (Cl. 10-131.)



1. A machine for drawing or drafting fibrous materials comprising in combination a drafting device, a feeding and restraining device co-operating therewith, an endless conveyor band for the fibrous material being treated, means for driving and guiding said band in such a

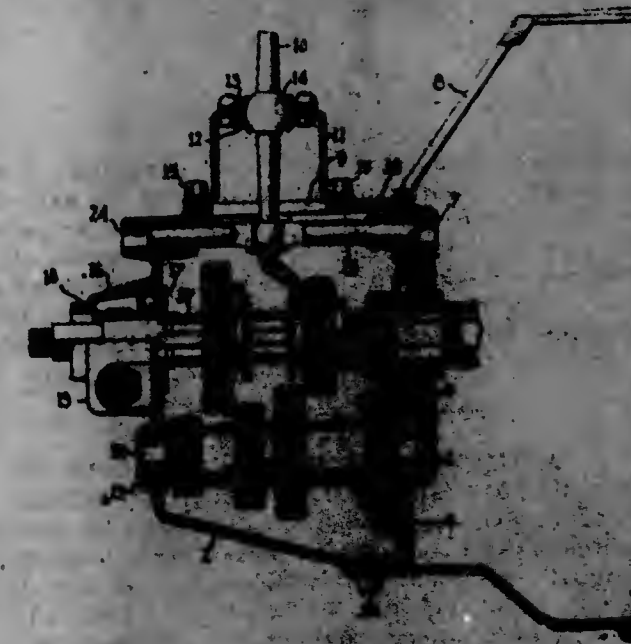
path that a portion of its periphery affords a guiding and conveying surface for substantially the whole length of the fibrous material between its intake at the feeding and restraining device and the drafting device, the length of which band is such that the portion of its periphery which forms the conveying surface is considerably less than one-third of the length of the entire band and that the remainder of the band depends in the form of a straight-angled loop the height of which occurs at a situation considerably remote from the drafting locality, a jockey pulley freely suspended in said loop and a stationary abutment by which the jockey pulley is guided for rising and falling movement.

1,644,748. APPARATUS FOR RAISING OIL FROM WELLS. BRUNO SCHWENNE, Erlangen, Germany. Filed Dec. 15, 1926, Serial No. 155,042, and in Germany Apr. 6, 1925. 4 Claims. (Cl. 166-1.)



1. An apparatus for raising oil from wells, comprising concentric pipes extending downwardly into the well and communicating respectively with the parts of the rock containing oil and water, and means located at the bottom parts of said pipes for selectively closing and opening the same.

1,644,749. TRANSMISSION CASING. CHARLES R. SMOOR, Detroit, Mich., assignor to General Motors Corporation, Detroit, Mich., a Corporation of Delaware. Filed Nov. 24, 1919. Serial No. 240,002. 3 Claims. (Cl. 74-86.)



1. In transmission casing for motor vehicles the combination with a set of main driving gears and the main transmission shaft of a drafting device and a feeding and restraining device co-operating therewith, an endless conveyor band for the fibrous material being treated, means for driving and guiding said band in such a

dical for locking the step to the side bars, the lower ends of the side bars having cylindrical openings fitting the cylindrical portions of the step of the adjoining frame, the ends of the steps riveted over the ends of the side bars of adjoining frames.

1,644,740. MAGAZINE PENCIL. HEINRICH MORLOCK, Pforzheim, Germany. Filed June 12, 1926, Serial No. 115,685, and in Germany May 4, 1925. 1 Claim. (Cl. 120—17.)

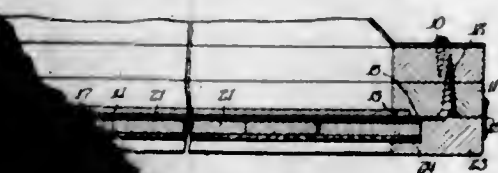


A magazine pencil of the type described, comprising a movable tube the upper part of which is enlarged to serve as magazine for the leads, whilst the lower end is provided with a split tube of smaller diameter, having an enlargement on the split portion and serving as lead propeller when the magazine tube is pressed into the holder, a ring or annular member fixed in the stationary sleeve of the pencil, the opening in which is smaller than the outside diameter of the said enlarged portion of the split tube or propeller a coil spring located between the ring and the base of the magazine portion of the movable tube to hold the propeller in the upper position thereby forcing the enlarged portion of the latter into the ring, a cap or hat-shaped spreading member for the lead propeller to release the lead after the forward movement and a shoulder to disengage the spreading member from the lead propeller, substantially as described and for the purpose set forth.

1,644,741. UNITING DISSIMILAR METALS. HARRY C. MOUGEY, Dayton, Ohio, assignor to General Motors Research Corporation, Dayton, Ohio, a Corporation of Delaware. Filed Jan. 2, 1923. Serial No. 610,373. 4 Claims. (Cl. 113—112.)

3. The process of uniting a flexible copper body to the curved surface of a ferrous body, which comprises placing between the two bodies a flexible brass sheet coated with zinc and heating the brass and zinc sufficiently to cause them to alloy and thus bond the two bodies together.

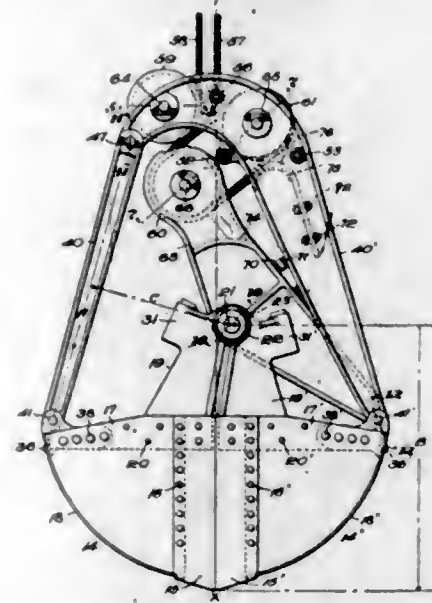
1,644,742. INTERCHANGEABLE SIGN. FREE MOYNIHAN, Chicago, Ill. Filed Nov. 22, 1924. Serial No. 143. 3 Claims. (Cl. 40—132.)



the combination of a reflector box, a supporting unit, and a signaling unit, the combination of a reflector box, a supporting unit, and a signaling unit, the combination of a reflector box, a supporting unit, and a signaling unit.

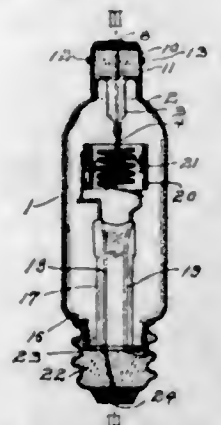
placeably mounted on said supporting frame, display material adapted for insertion in and between said supporting units, and a retaining frame mounted on said supporting frame and covering the end portions of said supporting units.

1,644,743. GRAB. ALMON E. NORRIS, Brookline, Mass. Filed Jan. 17, 1921. Serial No. 437,650. 13 Claims. (Cl. 37—184.)



1. A grab comprising, in combination, a pair of jaws hinged to turn about an axis laterally offset from the vertical median line of the grab as viewed from the end of said axis, supporting links pivoted to each other to turn about an axis laterally offset from said line and pivoted to said jaws at different distances from said axis, and means connected to said supporting links to cause said jaws to open and close.

1,644,744. ELECTRON TUBE. HENRY M. PINGEN, Toledo, Ohio. Filed Mar. 21, 1922. Serial No. 545,401. 2 Claims. (Cl. 250—27.5.)

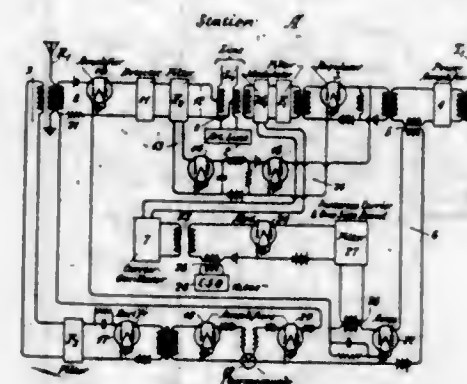


2. An electron tube embodying a heating element provided with a pair of terminals, a first fitting to which the heating element terminals each extend, a grid element provided with a terminal, a plate element provided with a terminal, and a second fitting non-interchangeable with said first fitting, and to which second fitting the grid and plate terminals extend.

1,644,745. TRANSMISSION-LEVEL-CONTROL SYSTEM. RALPH K. PORTER, New York, N. Y., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Dec. 2, 1925. Serial No. 72,841. 13 Claims. (Cl. 178—44.)

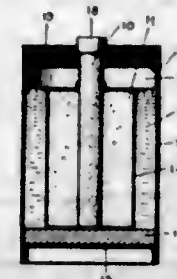
1. In a system for controlling the transmission level between stations of a signaling system, the method for automatically regulating the signal-to-noise ratio which

consists in transmitting a communication signal from one station to a second station of the system, simultaneously transmitting from the second to the first station a control signal whose frequency is outside the range of the communication signal, the said signal traversing substantially



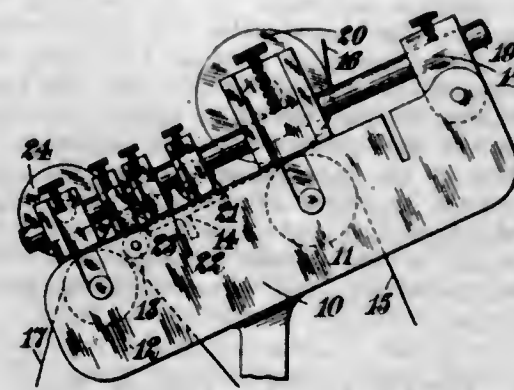
the same path so as to be subject to the same interfering sources, and automatically controlling the amplitude of the communication signal transmitted by the said first station by the control signal received at the said first station.

1,644,746. DRY-CELL ELECTRODE AND METHOD OF MAKING THE SAME. KARL HENRIK WILLIAM RAMSAY, Summit, N. J., assignor to Diamond Electric Specialties Corp., Newark, N. J., a Corporation of New Jersey. Filed Dec. 26, 1925. Serial No. 77,680. 8 Claims. (Cl. 136—124.)



1. A dry cell bobbin having a surface coating of an inherently permeable varnish forming an integral part thereof.

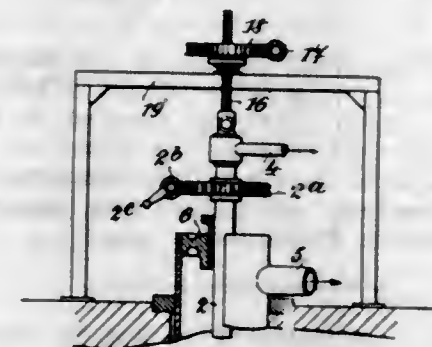
1,644,747. MACHINE FOR DRAFTING FIBROUS MATERIALS. MARTIN AUGUSTE ROTH, Lille, France. Filed Jan. 23, 1925, Serial No. 4,355, and in France Feb. 4, 1924. 7 Claims. (Cl. 10—131.)



1. A machine for drawing or drafting fibrous materials comprising in combination a drafting device, a feeding and restraining device co-operating therewith, an endless conveyor band for the fibrous material being treated, means for driving and guiding said band in such a

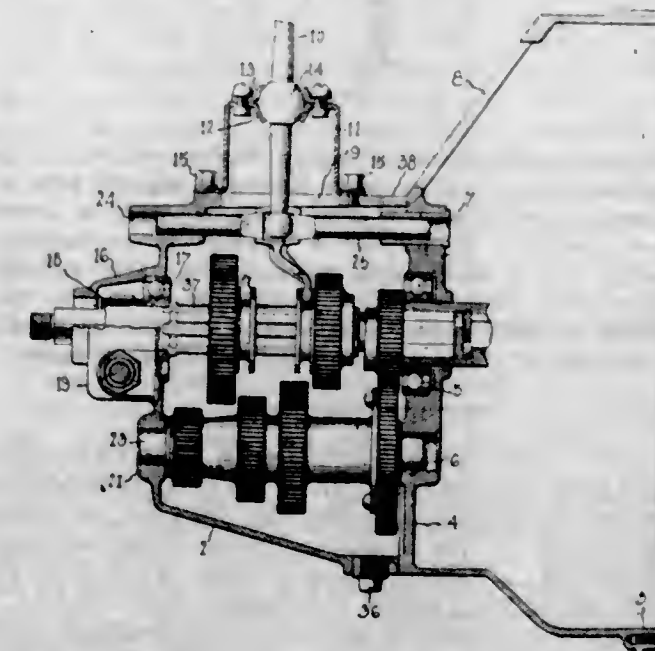
path that a portion of its periphery affords a guiding and conveying surface for substantially the whole length of the fibrous material between its intake at the feeding and restraining device and the drafting device, the length of which band is such that the portion of its periphery which forms the conveying surface is considerably less than one-third of the length of the entire band and that the remainder of the band depends in the form of a straight-sided loop the height of which occurs at a situation considerably remote from the drafting locality, a jockey pulley freely suspended in said loop and a stationary abutment by which the jockey pulley is guided for rising and falling movement.

1,644,748. APPARATUS FOR RAISING OIL FROM WELLS. BRUNO SCHWEIGER, Erkelenz, Germany. Filed Dec. 15, 1926, Serial No. 155,042, and in Germany Apr. 6, 1925. 4 Claims. (Cl. 166—1.)



1. An apparatus for raising oil from wells, comprising concentric pipes extending downwardly into the well and communicating respectively with the parts of the rock containing oil and water, and means located at the bottom parts of said pipes for selectively closing and opening the same.

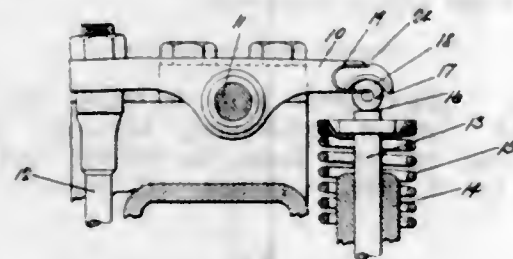
1,644,749. TRANSMISSION CASING. CHARLES R. SHORT, Detroit, Mich., assignor to General Motors Corporation, Detroit, Mich., a Corporation of Delaware. Filed Nov. 24, 1919. Serial No. 340,092. 2 Claims. (Cl. 74—56.)



1. In transmission mechanism for motor vehicles the combination with a set of speed changing gears and the main transmission shaft thereof of a casing for said gears having an end wall provided with a recess through which said shaft extends, a second shaft arranged to extend laterally from said transmission shaft and means in

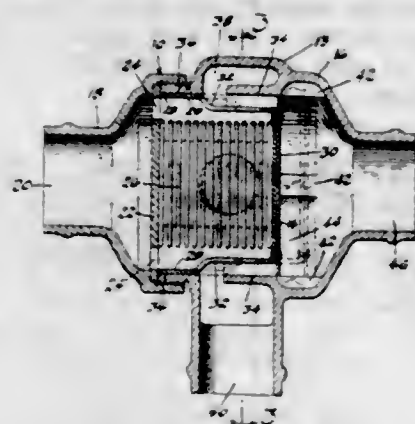
said recess for driving said second shaft from said transmission shaft, said end wall being formed with an aperture extending through the material thereof and communicating with said recess to receive said second shaft.

1,644,750. VALVE-OPERATING MEANS. CHARLES R. SHORT, Dayton, Ohio, assignor to General Motors Research Corporation, Dayton, Ohio, a Corporation of Delaware. Filed Feb. 18, 1925. Serial No. 10,142. 10 Claims. (Cl. 123-90.)



1. In a valve-operating mechanism, the combination of a spring-retracted poppet valve having a stem, with a rocker arm, a roller revolvably mounted in a floating frame and interposed between the rocker arm and the valve stem so as to have a rolling engagement between said valve stem and said rocker arm throughout the angular movements of the rocker arm.

1,644,751. THERMOSTATIC VALVE. CHARLES R. SHORT, Dayton, Ohio, assignor to General Motors Research Corporation, Detroit, Mich., a Corporation of Delaware. Filed Mar. 1, 1926. Serial No. 91,508. 8 Claims. (Cl. 236-34.)

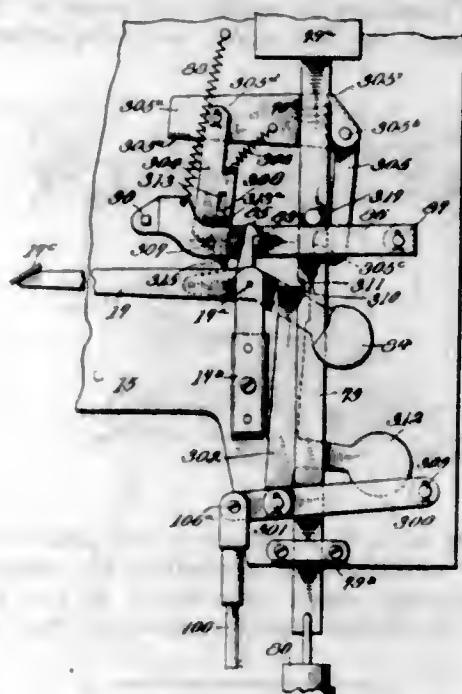


1. The combination of a casing having an inlet port and a plurality of outlet ports spaced along the axis of the casing, said casing being provided with a guide surface apertured to provide a passage in communication with one of said outlet ports, and a valve slidably engaging said guide surface and adapted to control the admission of fluid to said passage and to said other outlet port, and a thermostat for controlling said valve.

1,644,752. ACTUATING MECHANISM FOR COIN-CONTROLLED, TICKET-PRINTING WEIGHING SCALES. VINCENT F. SLEZAK, Chicago, Ill., assignor, by mesne assignments, to The American Ticket Scale Company, Chicago, Ill., a Corporation of Illinois. Filed Sept. 15, 1926. Serial No. 135,605. 10 Claims. (Cl. 194-1.)

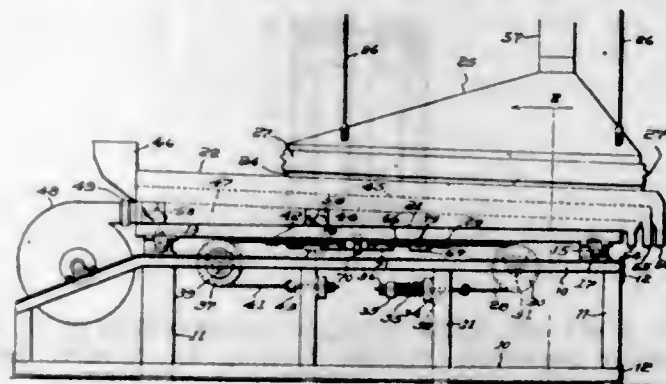
1. In a coin-controlled power-storing weighing scale having a platform actuable by the weight to be measured, a plunger, means to draw said plunger into one end position, means actuated by said platform when a weight is super-imposed thereon to move said plunger in the other direction, a pawl engaging said plunger to hold it in its moved position, a coin-actuated device, means normally retained inactive by said device and released upon actuation thereof to withdraw said pawl

from said plunger to liberate the latter for return to its first end position, and a locking device connected with



said means to maintain said pawl out of engagement with said plunger until the latter has substantially regained its first end position.

1,644,753. CONCENTRATOR TABLE. ALBERT H. STEBBINS, Los Angeles, Calif. Filed Nov. 10, 1924. Serial No. 748,903. 5 Claims. (Cl. 209-466.)

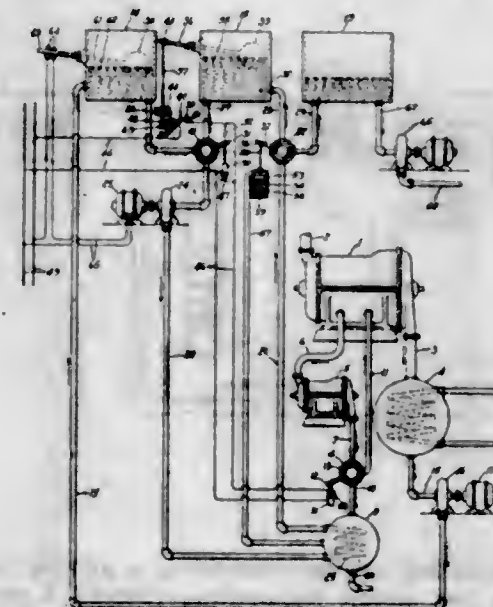


1. A concentrator table comprising, in combination, a supporting frame, a deck supported by the frame for back and forth movement and constructed to subject the materials being treated alternately to the action of movement alone and the action of air and movement, means for supplying air under pressure to the deck, a deck surface supported by the deck and provided with apertured sections separated by unapertured sections disposed so that the concentrates will settle while moving along the unapertured sections and upon reaching an apertured section pass downwardly thru the apertures, each apertured section having a number of apertures thru which the concentrates escape in opposition to the lifting action of the air passing up thru the apertures, and lips at the apertures to prevent the tailings from entering the apertures and extending in a direction to promote travel of the lighter materials over the apertures while permitting the concentrates to work back under the lips.

1,644,754. POWER PLANT. THEODOR STEIN, Berlin-Friedenau, Germany, assignor, by mesne assignments, to General Electric Company, Schenectady, N. Y., a Corporation of New York. Filed Jan. 27, 1925. Serial No. 5,060, and in Germany Feb. 2, 1924. 7 Claims. (Cl. 60-95.)

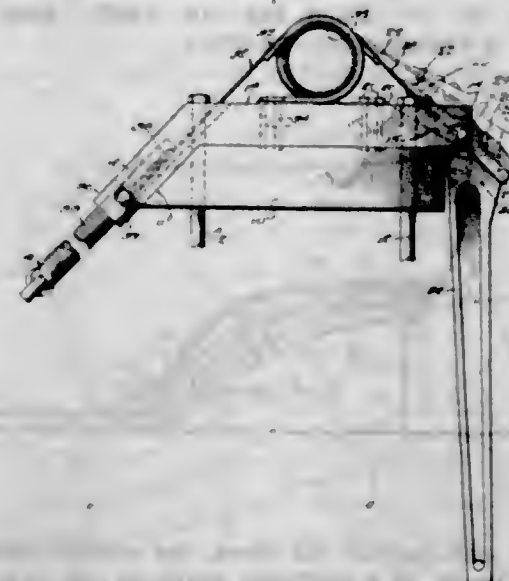
2. In a power plant, the combination with a back-pressure turbine and a condenser, of a preheater con-

nected with the exhaust of said turbine to receive heating medium therefrom, a collecting tank connected with the condenser to receive condensate therefrom, a condensate storage tank, a receiving reservoir, means for filling the storage tank with condensate from the collect-



ing tank, means providing a circulating conduit connection between the storage tank and the preheater wherein the condensate from the storage tank is circulated through the preheater and means for diverting the heated condensate while in circulation from the storage tank to the reservoir.

1,644,755. PIPE VISE. THOMAS E. STEPHENSON, Harrisburg, Pa. Filed Feb. 17, 1926. Serial No. 88,894. 8 Claims. (Cl. 81-19.)

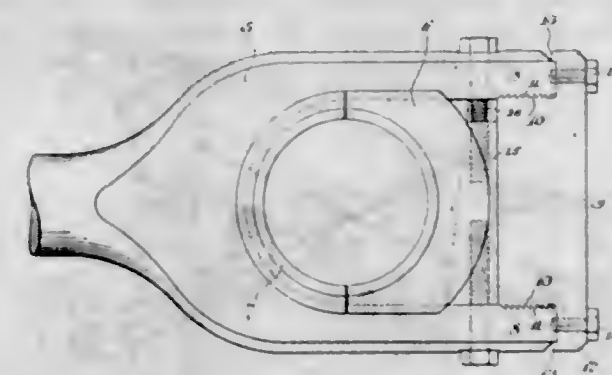


1. A device of the character described comprising a base having a flat top, a flexible band secured at one end to the top of said base, said band being looped intermediate its ends, means for securing the opposite end of said band against movement, a second band secured at one end to the top of said base, said second band being looped intermediate its ends to coact with the looped portion of said first named band to form an embracing means adapted to receive a cylindrical article, and means for moving the free end of said second band to tighten the looped portion thereof about the article.

1,644,756. CONNECTING ROD. JOHANN STUMPF, Berlin, Germany. Filed Oct. 26, 1924. Serial No. 746,256. 1 Claim. (Cl. 287-93.)

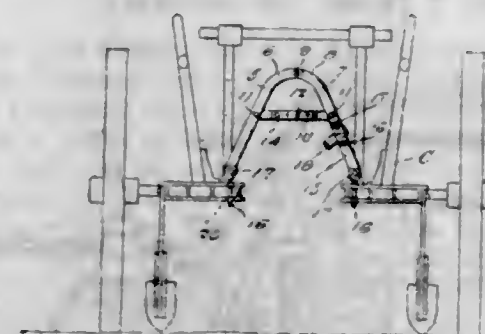
A connecting rod having a bifurcated end, the inner faces of the prongs being in parallel planes provided with straight serrations transverse the longitudinal ex-

tension of the rod, a keeper having corresponding serrations cooperating with the first mentioned serrations, said keeper also having integral portions extending across the ends of the prongs and further integral extensions over-



hanging and engaging the outer margins of said prongs, in combination with the usual bearing box elements, between the prongs, and an adjustable wedge between a bearing box element and the keeper.

1,644,757. CULTIVATOR HOPPLE. LOUIS C. SUMMERS, Shady Point, Okla. Filed Oct. 2, 1926. Serial No. 139,140. 8 Claims. (Cl. 97-160.)

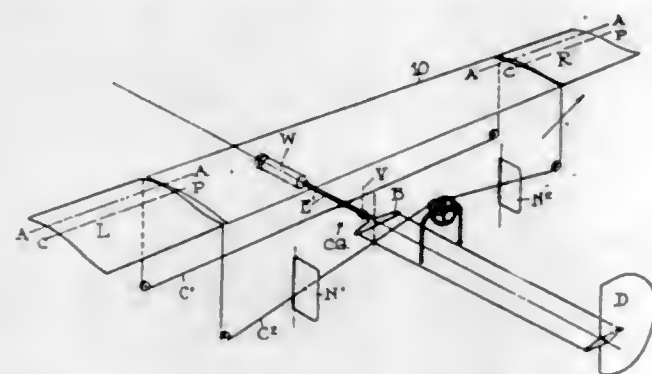


1. A cultivator hopple of the class described including, in combination, a relatively long bar having its upper end curved, a relatively short bar having its upper end curved, the extremities of the curves being pivotally bolted together, an extensible cross bar between the relatively long and relatively short bars, an auxiliary bar, a pair of bolts attaching the auxiliary bar to the relatively short bar, one of said bolts being removable to allow pivotal movement, a stop attached to the relatively short bar between the bolts attaching the auxiliary bar to the relatively short bar, and a pair of pin plates pivoted on the extremities of the relatively long bar and the auxiliary bar.

1,644,758. BALANCING SYSTEM FOR AIRCRAFT. JOHN P. TARBOX, Garden City, N. Y., assignor to Tarbox Safety Aircraft Company, Washington, D. C., a Company organized under the laws of Delaware. Filed Mar. 20, 1924. Serial No. 700,503. 20 Claims. (Cl. 244-29.)

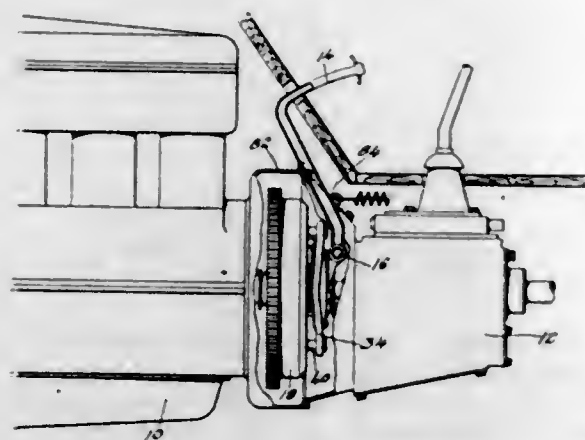
20. A lateral balancing system for aircraft comprising a pair of interconnected aero-dynamically differential allerons, one on each side of the plane of symmetry and having normally equal and substantial angles of incidence developing a differential and progressively increasing net torque about their axes, a weight arranged to shift when the craft rolls and actuating and actuated by said allerons and developing gravity and centrifugal force torques, and a vertically disposed vane mounted to be shifted by side air rush, also connected to actuate and be actuated by said allerons and developing damping and side-pressure torques, the relative magnitude of the maximums of said torques being as follows: those of the air rush torque being sufficient to overcome the friction and

inertia of the system at large, to overcome the vane torque and additionally to attain full deflection of the system, those of the weight acting in conjunction with those of the ailerons but while sufficient to overcome the



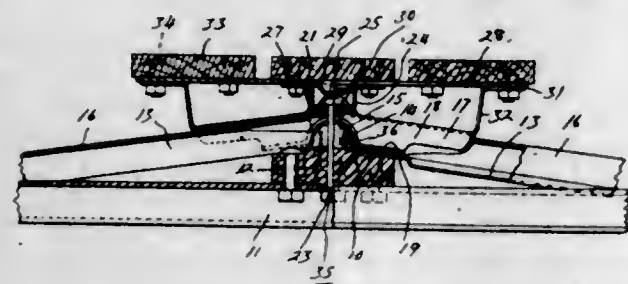
inertia and friction of the system at large insufficient to carry the aileron and vane to full deflection, and those of the vane sufficient to overcome friction and inertia but sufficient to move said ailerons to a less degree than said weight.

1,644,759. CLUTCH. ALEX TAUB, Detroit, Mich., assignor to General Motors Corporation, Detroit, Mich., a Corporation of Delaware. Filed Apr. 6, 1923. Serial No. 630,283. 7 Claims. (Cl. 192-113.)



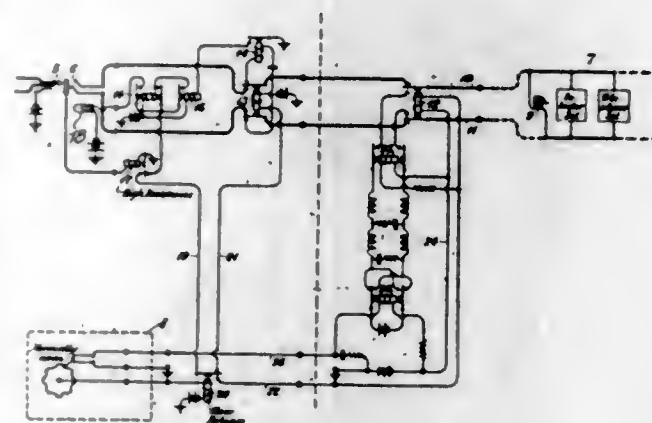
6. A clutch comprising, in combination, a rotary plate having openings facing in the direction of rotation, and a clutch housing having one or more sets of louvered openings intersected by the plane of said plate.

1,644,760. RUNNING-BOARD SADDLE. WILLIAM D. THOMPSON, Detroit, Mich., assignor, by mesne assignments, to Hutchins Car Roofing Company, Detroit, Mich., a Corporation of Delaware. Filed June 22, 1925. Serial No. 38,896. 9 Claims. (Cl. 105-457.)



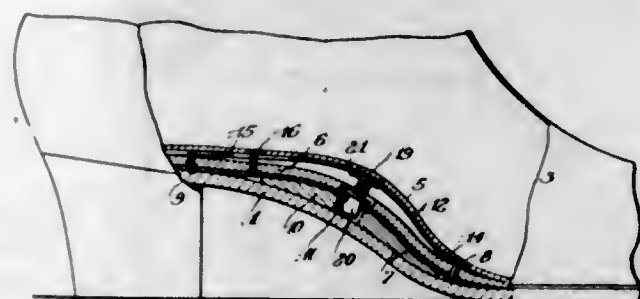
1. In a car roof, a sheet metal junction cap formed with spaced upwardly extending laterally flanged projections, and a running board plate secured to said projections, said parts constituting a running board saddle.

1,644,761. SIGNALING SYSTEM. JOHN F. TOOMBY, New York, N. Y., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Sept. 24, 1924. Serial No. 739,628. 3 Claims. (Cl. 179-85.)



1. A signaling system comprising a private branch exchange, a line circuit terminating thereat, a plurality of way stations associated with the line circuit, means at each way station for signaling the private branch exchange, means at the private branch exchange for selectively signaling the way stations, a relay controlled by said last means, and relay means positioned at different points in the line circuit responsive to the operation of said relay for dissociating said private branch exchange from the line circuit at different points thereof during the interval of selective signaling.

1,644,762. ARCH-SUPPORTING SHOE. JOHN T. VOLL, Rochester, N. Y. Filed Jan. 16, 1922. Serial No. 529,492. 4 Claims. (Cl. 36-71.)

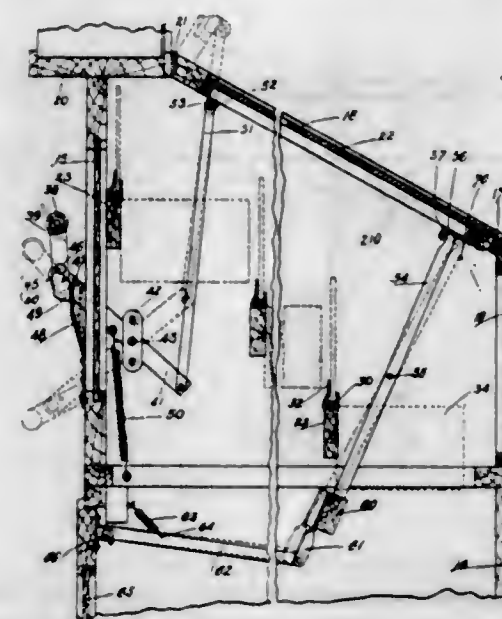


1. In an arch support for shoes, the combination with a two part insole, of a stiffening shank on the under side of the lower part, an adjustable arch supporting member between the parts, and adjusting means for the arch support arranged to react against the stiffening shank.

1,644,763. LEVER-ACTUATING MECHANISM. JOHN M. WADDELL, deceased, Greenfield, Ohio, by Dean T. Waddell, executor, Greenfield, Ohio. Original application filed Apr. 13, 1922, Serial No. 552,112. Divided and this application filed July 10, 1924, Serial No. 725,291. 5 Claims. (Cl. 268-104.)

1. In a lever actuating and controlling mechanism, the combination of a pivotally mounted lever, a perforated bar pivotally mounted on the end of the lever, a pair of pins on the lever, one pin extending into the perforation in the bar, the other pin laying in the path of the bar about its pivotal mounting, the pivotal mountings and the pins bearing a relation such that both pins may engage the bar at the same time, a spring adapted to lie

normally in the path of the second mentioned pin and to preclude movement of the lever about its pivotal mounting, and a nose on the bar for engaging the spring, and

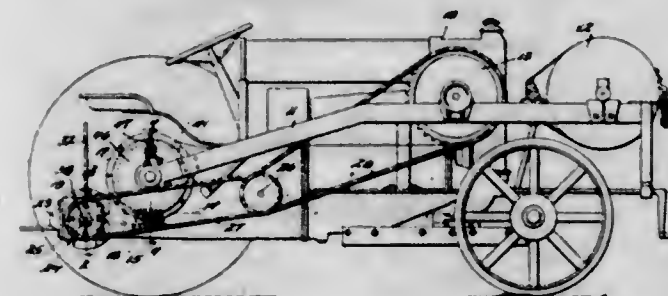


moving the spring out of the path of the second mentioned pin prior to the engagement of the bar upon the second mentioned pin.

1,644,764. PROCESS OF DEGUMMING SILK. LEO WALLERSTEIN, New York, N. Y., assignor to Wallerstein Company, Inc., New York, N. Y., a Corporation of New York. Filed Apr. 15, 1922, Serial No. 553,279. Renewed Feb. 24, 1926. 9 Claims. (Cl. 8-2.)

1. The process of degumming silk, which comprises subjecting the silk to the action of a proteolytic enzyme of that type which is active in a neutral, as well as a weakly alkaline and a slightly acid medium, at a temperature not less than 50° C.

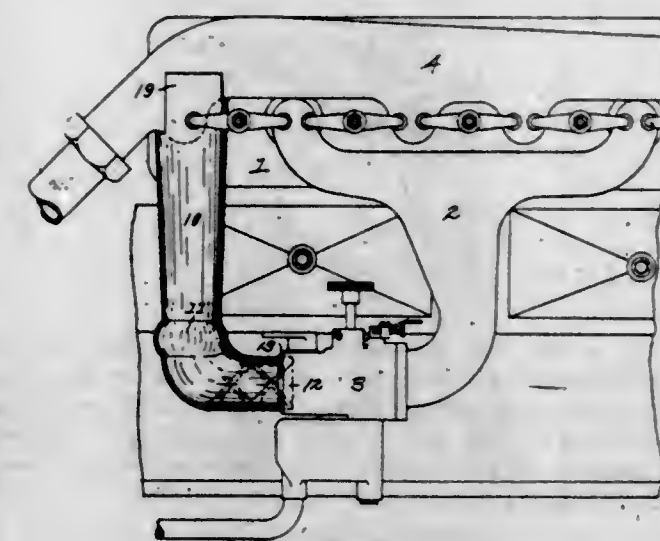
1,644,765. POWER TAKE-OFF FOR TRACTORS. JOHN HART WILSON, Burkburnett, Tex. Filed Feb. 9, 1925. Serial No. 8,016. 2 Claims. (Cl. 74-7.)



1. In combination with a tractor, a transverse horizontal power take-off shaft mounted in rear of and below the differential thereof, a sprocket on the end of said power take-off shaft adapted to receive a chain for driving mechanism mounted on the front end of the frame of said tractor, a bevel gear housing bolted to the casing of said differential, and having a lateral extension providing bearings for said power take-off shaft, the worm drive shaft of said tractor extending rearwardly of said differential casing and projecting into said bevel gear housing, a bevel gear on the end of said worm drive shaft within said housing, a bevel gear meshing therewith, a clutch having its driving member connected to said driven bevel gear and its driven member connected to said power take-off shaft, said bevel gear casing being provided with a slot, and an operating lever extending

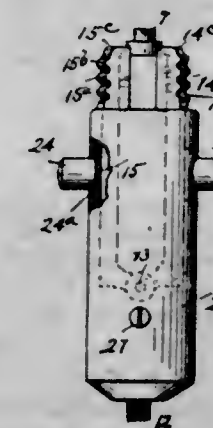
upwardly from said clutch through said slot in reach of the operator of said tractor when mounted on the driver's seat.

1,644,766. AIR-SUPPLY CONNECTION FOR CARBURETORS. AUGUST W. ZKRATSKY and WILLIAM V. KIDDER, La Crosse, Wis. Filed Dec. 13, 1920. Serial No. 430,169. 1 Claim. (Cl. 261-79.)



An air inlet fitting adapted to be attached to the inlet ports of internal combustion engine carburetors comprising a metallic tube adapted for contact at its inlet end with a source of heat, adapted for attachment at its delivery end with the carburetor inlet port, and provided intermediate of its ends with an enlarged portion, a cross arm within the tube, a valve of less diameter than the tube supported by the cross arm and free to move into said enlarged portion of the tube, means for resiliently opposing such movements, and a set of helical fins projecting inwardly from the wall of the tube for a portion of its radius at a point adjacent the delivery end of the tube.

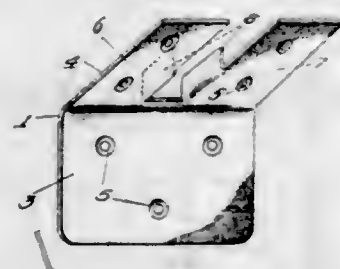
1,644,767. ELECTRICAL PLUG. HANS J. ZIMMERMANN, Cleveland, Ohio, assignor to Elliott W. Beidler, trustee, Elyria, Ohio. Filed May 22, 1922. Serial No. 562,628. 1 Claim. (Cl. 173-360.)



An electrical connecting plug comprising a body portion of insulating material having a base portion and spaced side portions extending from the base, a central electrode mounted between the outer ends of the side members, a pair of jaws of conducting material pivotally connected between the side members, terminal members on the base connected to the electrode and jaws, a casing enclosing the body portion and a portion of the jaws, the outer end of the jaws projecting beyond the end of the casing and having retaining portions adapted to engage

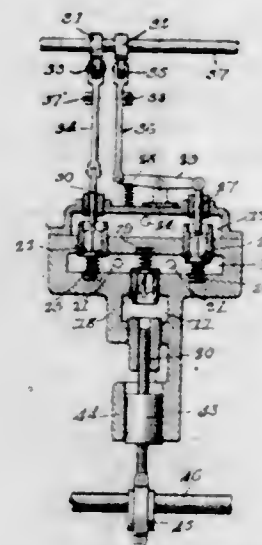
in a socket, resilient means normally urging the jaws apart and push buttons projecting through the wall of the casing by means of which the jaws may be actuated in opposition to the yielding means.

1,644,768. PORCH-RAIL FASTENER. IVAR A. ANDERSON, Chicago, Ill. Filed Oct. 21, 1925. Serial No. 63,966. 2 Claims. (Cl. 20—92.)



1. In porch rail fasteners, an angular plate having screw-receiving perforations in its sides, one of the sides of the plate being formed with a longitudinally extending slot dividing it into two sections, and oppositely disposed ears integral with said plate-side, said ears being formed upon the adjacent edges of said plate sections.

1,644,769. FUEL-INJECTION SYSTEM FOR OIL ENGINES. OTTO A. BANNER, Milwaukee, Wis., assignor to The Falk Corporation, Milwaukee, Wis., a Corporation of Wisconsin. Filed Nov. 2, 1920. Serial No. 421,286. 6 Claims. (Cl. 123—140.)

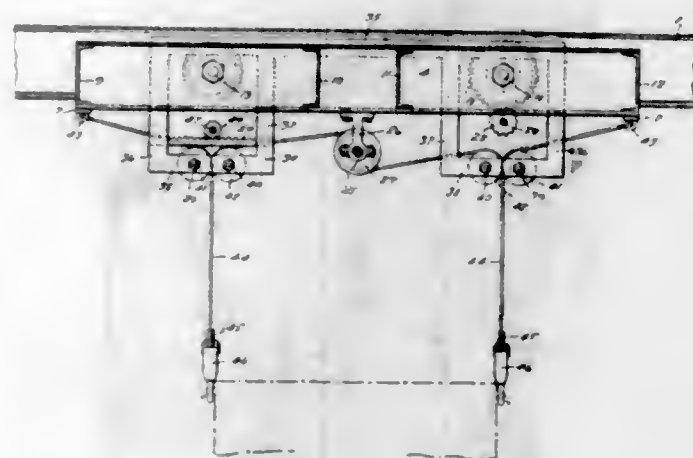


1. In a fuel injection system for oil engines, the combination of a fuel pump, a chamber fed by said pump, a fuel delivery pipe associated with said chamber, a pair of valve mechanisms associated with said chamber and means operable independently of but during the pressure stroke of said pump to actuate one of said mechanisms to cause a flow of fuel through said pipe, and to actuate the other of said mechanisms to terminate the flow of fuel through said pipe, said means including separate devices for independently varying the beginning and end of the injection period.

1,644,770. HOIST. FRANCIS W. BORKES, Cleveland, Ohio, assignor, by mesne assignments, to Motor Terminals Company, New York, N. Y., a Corporation of Delaware. Filed Jan. 27, 1922. Serial No. 532,152. 10 Claims. (Cl. 212—126.)

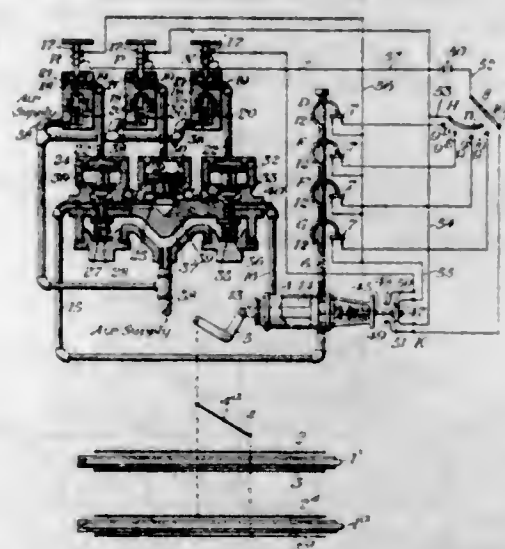
1. The combination with a travelling crane having hoisting cables at opposite sides thereof, of a shifting

frame at each side of the crane, guide pulleys on each frame, from which the cables hang respectively, and means carried by the crane to simultaneously shift the frames in opposite directions and thereby turn the load



to an angle with respect to the normal line of travel of the crane, said means comprising a shaft carried by the crane and extending across the same and driving connections between each end of the shaft and one of the frames.

1,644,771. RAILWAY BRAKING APPARATUS. JOHN P. COLEMAN, Edgewood Borough, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a Corporation of Pennsylvania. Filed Apr. 26, 1926. Serial No. 104,566. 21 Claims. (Cl. 303—20.)

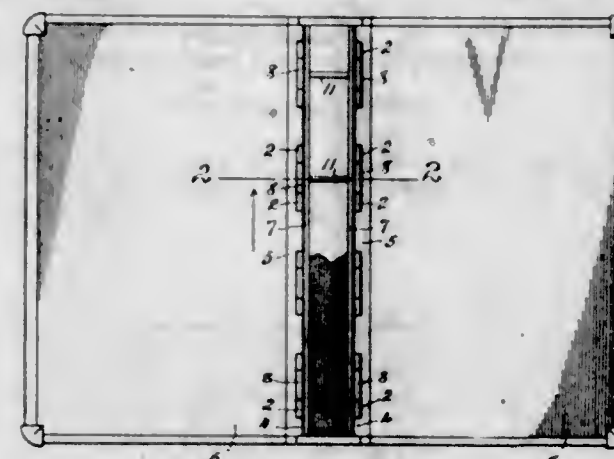


10. Railway traffic controlling apparatus comprising a braking bar located in the trackway, a cylinder containing a piston operatively connected with said bar, a circuit controller responsive to the pressure in said cylinder, a valve for controlling the supply of fluid pressure to said cylinder and controlled at times by said circuit controller, and means responsive to the position of said piston for at times removing said circuit controller from the control of said valve.

1,644,772. LOOSE-LEAF BOOK. CHARLES L. ENGEL and WALTER S. ENGEL, Kansas City, Mo. Filed Mar. 19, 1926. Serial No. 95,912. 11 Claims. (Cl. 129—24.)

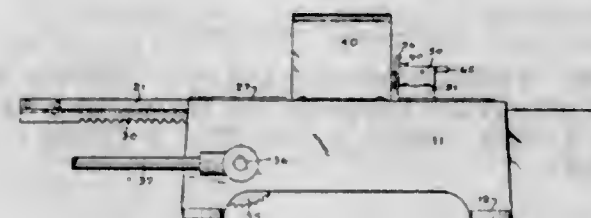
1. In a loose leaf book, a housing, a post-holding member movable longitudinally in said housing to and from a position in which it is adapted to engage and hold a leaf-supporting post, a latch in said housing adapted to

engage and lock the post-holding member in the post-holding position and adapted to be released therefrom by a key, said post-holding member being adapted to be



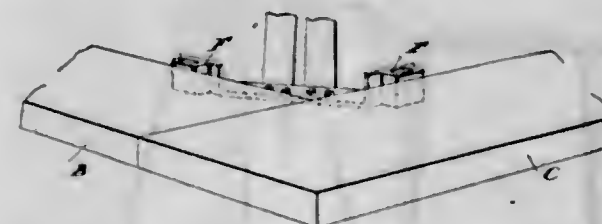
engaged by said key and moved longitudinally from the locking position, and means for normally forcing said latch to the locking position.

1,644,773. APPARATUS FOR REMOVING PRINTING STRIPS FROM HOLDERS. WILLIAM J. DEMMING, Lakewood, Ohio, assignor to The American Multigraph Company, Cleveland, Ohio, a Corporation of Ohio. Filed Nov. 10, 1926. Serial No. 147,469. 20 Claims. (Cl. 101—1.)



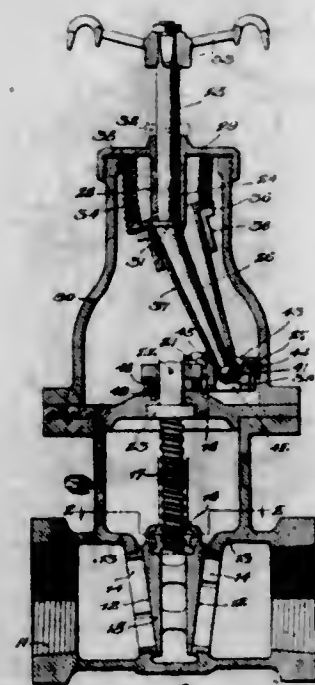
13. The combination, with mechanism for clearing a plate of strips, of a frame for shoving the plate across the clearing mechanism, said frame having an opening through which the discharged strips may pass.

1,644,774. PLACARD HOLDER FOR TANK CARS. EDWARD A. FALL, Rutherford, N. J. Filed May 2, 1925. Serial No. 27,603. 12 Claims. (Cl. 40—125.)



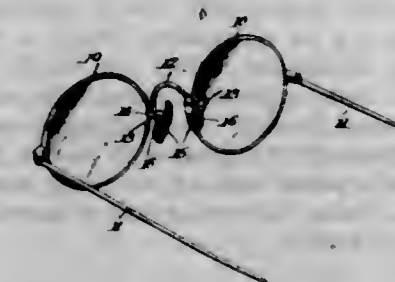
1. An article of the character described comprising a holder adapted to be attached to the frame or running board of a tank car, a placard support having a stem engaging said holder by means permitting the support to be adjusted to reversed positions, a placard indicating the character of the lading of a tank car having a portion extending across a section of said support, a plate, bearing a designation of a particular commodity of the class to which the placard refers, overlying portions of the placard support and placard, and a common fastening means extending through the overlapping portions of said plate, placard and placard support and connecting them together.

1,644,775. PACKLESS VALVE. WESTON M. FULTON, Knoxville, Tenn., assignor, by mesne assignments, to The Fulton Siphon Company, Knoxville, Tenn., a Corporation of Delaware. Filed Mar. 31, 1922. Serial No. 548,404. 27 Claims. (Cl. 251—31.)



1. The combination of a valve housing having a valve member therein, means for operating said valve member including a rotatable crank-like member and an operating member for rotating said crank-like member, a flexible wall interposed between said operating means and said valve housing and having an end member interposed between said operating member and said crank-like member, and positive means for preventing the rotation of said operating member from exerting a torque on said end member.

1,644,776. SPECTACLES. JOSEPH S. GALESKI, Richmond, Va. Filed May 19, 1926. Serial No. 110,242. 2 Claims. (Cl. 88—42.)

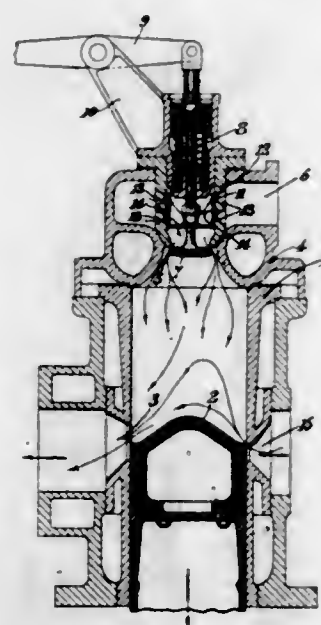


1. In a device of the class described, a pair of lens supports, a nose bridge terminating at each end in a substantially horizontal arm connected to the adjacent lens support, a substantially vertical loop between each arm and the bridge to provide an excess of material for adjustment, said loop being positioned to the rear and on the outside of the bridge, and a resilient nose pad secured to the under side of each of the loops whereby the lens supports may be adjusted relative to the bridge without disturbing the fixed adjustment of the nose pad.

1,644,777. ENGINE-CYLINDER-SCAVENGING MECHANISM. HEWITT A. GEHAUSE, Mount Vernon, Ohio. Filed Mar. 17, 1924. Serial No. 699,693. 8 Claims. (Cl. 123—55.)

4. A cylinder scavenging mechanism comprising a scavenging port at the head of the cylinder, a valve adapted to seat against the walls of said port, actuating

means for said valve adapted to move the same relatively slowly when near the walls of the port, and more rapidly in intermediate positions, an auxiliary valve controlling communication to said port, said auxiliary valve being



also moved by said actuating means and timed to open the auxiliary valve when the first mentioned valve is being moved relatively rapidly, to admit scavenging air through said port to the cylinder.

1,644,778. BLADE SHARPENER. JOHN H. GIBSON, Bruin, Pa. Filed Oct. 23, 1925. Serial No. 64,433. 2 Claims. (Cl. 51-125.)



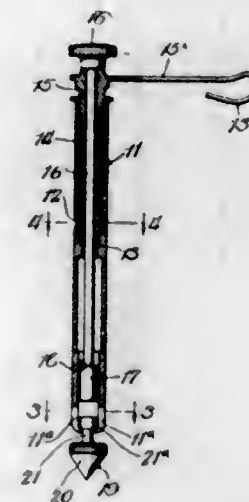
1. A razor blade sharpening device embodying a circular casing having an upstanding flange, a flexible supporting member within the casing, said flexible supporting member having blade supports formed integral therewith, said blade supports having concave upper surfaces and having bosses formed with grooves to receive the edges of blades, to be sharpened and an abrading member rotatably mounted within the casing and adapted to engage blades supported therein.

1,644,779. TUNNEL DRIER. WILLIAM E. HAMILTON and ERNEST J. BAGNALL, Columbus, Ohio; Anna M. Bagnall executrix of said Ernest J. Bagnall, deceased. Filed Feb. 13, 1922. Serial No. 536,161. 7 Claims. (Cl. 34-13.)



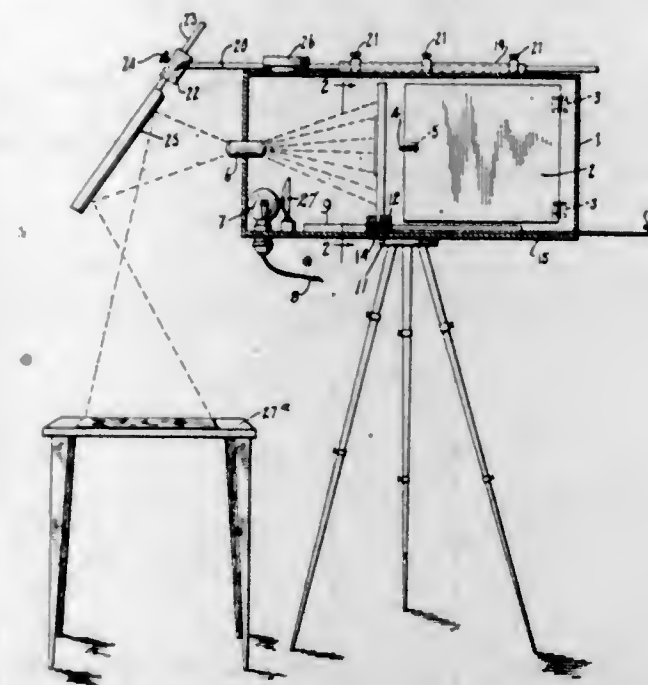
1. A tunnel drier enclosed at one end having upper and lower trough portions, a pair of endless chains mounted to move in opposite directions in the trough portions, flights connecting the chains, means adjustable on the flights for engaging material in the different troughs.

1,644,780. ACETYLENE LAMP. AUGIE L. HANSEN, Evanston, Ill. Filed Oct. 28, 1921. Serial No. 511,080. 1 Claim. (Cl. 48-4.)



In an acetylene lamp, the combination of a water receptacle, a carbide receptacle below said water receptacle, a feed tube extending from said water receptacle into said carbide receptacle and provided with an outlet at its lower end, said tube having a cylinder-like portion of reduced diameter adjacent said outlet and a portion of increased diameter above said cylinder-like portion and communicating therewith, and a plunger-rod mounted in said tube and having a piston-like head adapted to fit within said cylinder-like portion of said tube and acting to force the water through said outlet in the reciprocating movement of said rod.

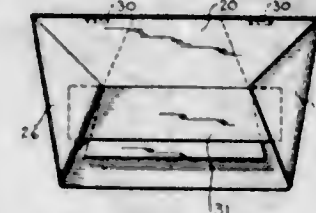
1,644,781. PROJECTING APPARATUS. CLINTON BIDEWELL HOLMAN and EGBERT L. EGE, Detroit, Mich. Filed Jan. 2, 1926. Serial No. 78,777. 2 Claims. (Cl. 88-24.)



1. A projecting apparatus comprising a casing of elongated substantially rectangular form, a lens in the forward end thereof, a closable opening in the side wall thereof adjacent the rear end, a trackway in the bottom of the casing, a member grooved to ride on the trackway, said member having a transverse groove, an easel for mounting in the said transverse groove, the closable opening permitting introduction of the easel, a rod extending through the rear of the casing and attached to the said member whereby it may be moved to any position on the

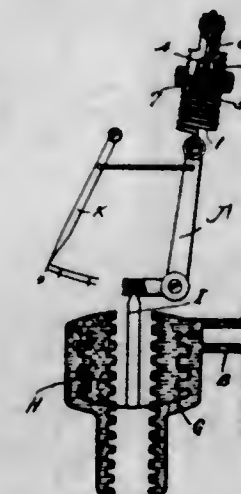
trackway to vary the distance of the face of the easel from the lens, a light in the forward end of the casing for illuminating the face of the easel, a condenser lens for diffusing the light over the face of the easel, a rod slidably mounted on the casing, a mirror carried at the forward end of the rod in pivotal relation therewith and normally extending at an angle to the axis of the lens providing a reflector for the purpose described.

1,644,782. BOX. JAMES G. LANDER, Milwaukee, Wis. Filed Mar. 20, 1926. Serial No. 96,188. 5 Claims. (Cl. 229-81.)



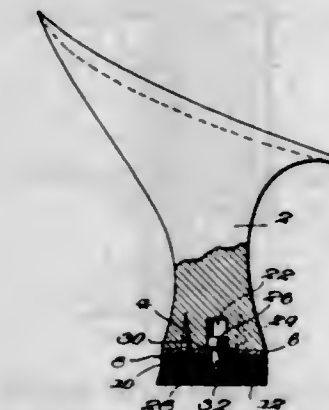
5. In a knock-down box, a body portion, each end of the same being formed with pockets, a cover for the body portion and integral with the back of the box and having depending flaps engaging exteriorly said body ends, and independent locking strips removably inserted in pairs of said pockets and overlapping said flaps to hold the cover in closed position.

1,644,783. ADJUSTING ARRANGEMENT FOR SPRINGS USED IN HYDROSTATIC LOGS FOR BALANCING THE PRESSURE. KARL GUSTAF LISSEL, Stockholm, Sweden, assignor to Svenska Aktiebolaget Logg, Stockholm, Sweden, a Corporation of Sweden. Filed Apr. 11, 1923. Serial No. 631,461, and in Sweden July 26, 1922. 2 Claims. (Cl. 267-60.)



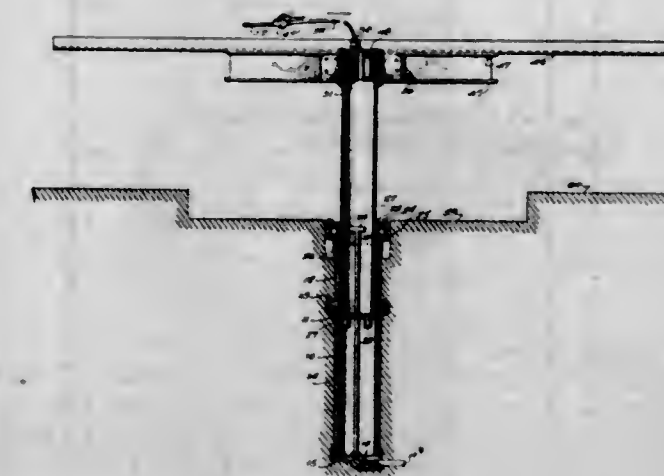
1. In hydrostatic logs, a device for permitting a continuous adjustment of the elasticity of the cylindrical spiral spring counteracting the pressure, comprising a member held in position solely by the coils of the spring, said member being split at one end and provided with threads adapted to cooperate with the turns of said spring, said member being further adapted to be turned to engage a variable number of turns of the spring to decrease or increase the remaining active spiral turns, and means for radially adjusting the split end of said member to hold rigid the turns of the spring engaged by said member, whereby the elasticity of the spring may be changed without changing the initial tension of the spring.

1,644,784. SHOE HEEL. WILLIAM ISRAEL LITTMAN, Brooklyn, N. Y. Filed July 23, 1925. Serial No. 45,531. 2 Claims. (Cl. 36-36.)



1. A heel tap having a peripheral groove in the side wall thereof and a U-shaped metallic member embedded within said groove.

1,644,785. VEHICLE TURNTABLE. PETER J. LUNATI, Memphis, Tenn. Filed Dec. 21, 1925. Serial No. 76,856. 13 Claims. (Cl. 104-44.)

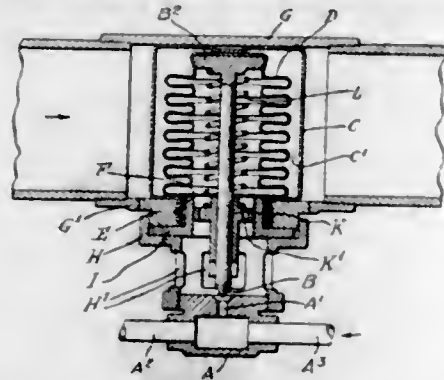


2. A device of the character described comprising a cylinder, a piston mounted to rotate therein, a relatively small head carried by said piston at its upper end, a pair of supports arranged on opposite sides of said head, said supports including parallel central portions secured to said head, the ends of said supports extending outwardly, and rails carried by the ends of said supports.

1,644,786. THERMOSTATIC VALVE MECHANISM. HARRY C. MALLORY, deceased, Bellport, N. Y., by Sue R. Mallory, administratrix, Bellport, N. Y. Original application filed May 28, 1921, Serial No. 473,489. Divided and this application filed Nov. 13, 1925. Serial No. 68,830. 3 Claims. (Cl. 236-99.)

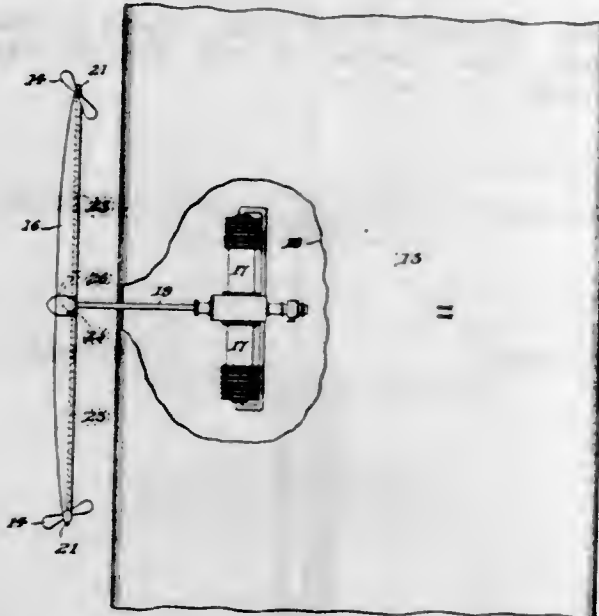
1. In a thermostatic valve mechanism adapted to control the flow through a conduit in response to the temperature of another fluid containing space, the combination with a structure including a cup-shaped casing adapted to be secured to and to close an aperture in the wall of said space with the closed end of said casing located within said space, a cup-shaped bellows element located within said casing, and attached at its rim to the latter with its closed end forming the movable wall of an expansible fluid containing space between said casing and element, a valve casing attached to said structure and adapted to be connected into the first mentioned con-

duit and having a port co-axial with said bellows, and a valve member controlling said port and actuated by the movable end of said bellows element, said structure and



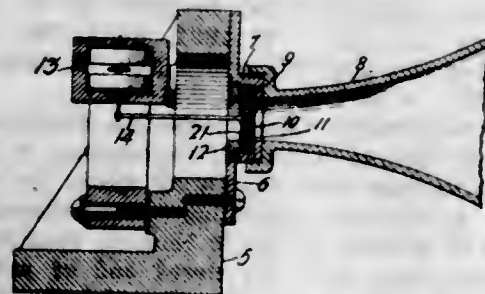
valve casing being arranged to be inserted in and withdrawn from said aperture in the wall of said space as a unit.

1,644,787. CRAFT-PROPULSION MEANS. JAMES V. MARTIN, Garden City, N. Y. Filed Jan. 11, 1918, Serial No. 211,387. Renewed Jan. 16, 1923. 5 Claims. (Cl. 244-25.)



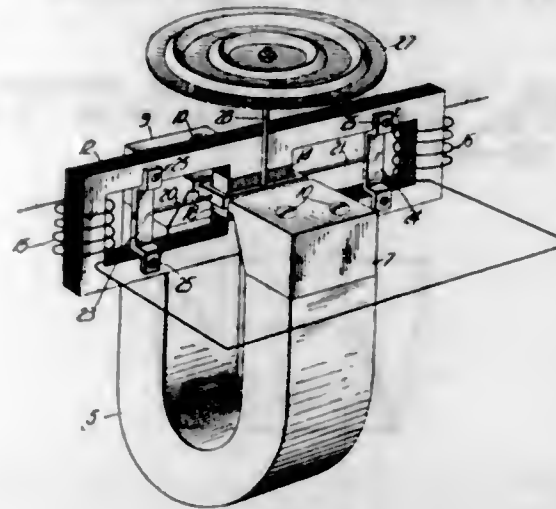
5. In an aircraft, three aerofoils one of which is a sustaining aerofoil, another of said aerofoils approximately at right angles to the sustaining aerofoil adapted to propel the latter, and a third aerofoil carried by the second named aerofoil at approximately right angles to the plane of progression of the second named aerofoil and adapted to propel the same.

1,644,788. ACOUSTIC DEVICE. CHARLES R. MOORE, Wyoming, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Dec. 8, 1922. Serial No. 605,554. 7 Claims. (Cl. 181-31.)



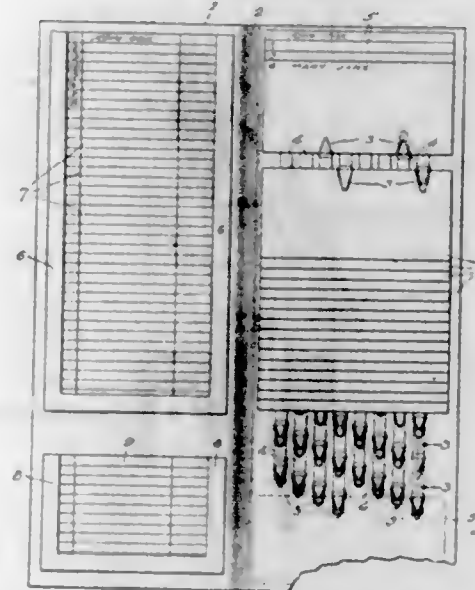
1. An acoustic device comprising a small rigid diaphragm positioned in a channel, and cushions of loosely held thin annuli positioned in said channel on both sides of said diaphragm for supporting said diaphragm at its edges and producing a damping effect upon its movement.

1,644,789. ELECTROMAGNETIC DEVICE. ROBERT NORDENSWAN and ALFRED S. CURTIS, New York, N. Y., assignors to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed May 17, 1924. Serial No. 713,900. 6 Claims. (Cl. 175-339.)



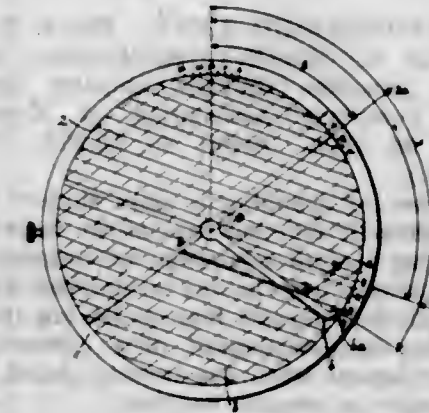
1. In an electromagnetic device, a magnet structure having a gap therein, a laminated transformer core forming a closed magnetic circuit a portion of which is located in said gap, said portion having laminations parallel to the lines of force in said gap, a primary winding on said core, and a short circuited secondary winding for said transformer movably mounted in said gap.

1,644,790. VISIBLE-FILING DEVICE. CARL VICTOR OLSON, Chicago, Ill. Filed Nov. 16, 1925. Serial No. 69,257. 1 Claim. (Cl. 129-19.)



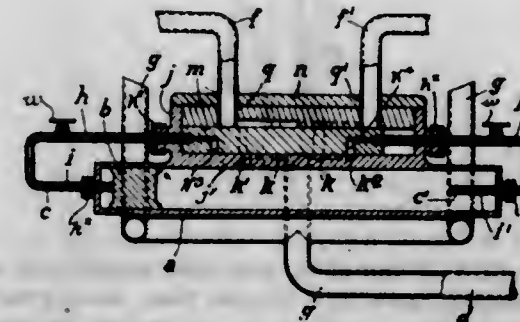
In a visible indexing or filing system, the combination of a flat support, wire spring clips arranged in parallel longitudinal rows and spaced apart uniformly on said support and formed to receive and frictionally grip cards or other flat members, with the clips of the different rows forming oblique parallel transverse rows in which the clips are spaced apart uniformly, the size and form and arrangement of the clips preventing any clip from overlapping or engaging any other clip, and means for pivotally attaching the wire clips to the support, holding the clips against lateral displacement upon the flat support.

1,644,791. PLOTTING BOARD. KARL PETSCHEWIC, Vienna, Austria, assignor to the Firm C. P. Goers Optische Anstalt Aktiengesellschaft, Aklcova Spolecnost K. P. Goers Opticky Ustav, Bratislava, Czechoslovakia. Filed Aug. 23, 1926. Serial No. 131,076, and in Austria Aug. 26, 1925. 4 Claims. (Cl. 33-75.)



1. In an apparatus for laying ordnance and machine guns for indirect firing, the combination of a horizontal ring, there being a circular scale provided on such ring, a base disc provided with a series of spaced parallel lines and a transparent upper disc provided with a series of spaced parallel lines, the said discs being mounted concentrically on the said ring and being adapted to rotate on such ring the one independently of the other.

1,644,792. PRESSURE AND SUCTION DISTRIBUTING MECHANISM. FRANZ REMY, Fosses-les-Namur, Belgium. Filed Jan. 9, 1926. Serial No. 80,329, and in Belgium Jan. 16, 1925. 2 Claims. (Cl. 31-64.)

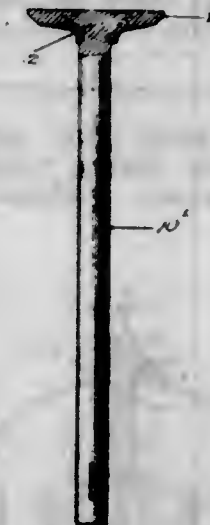


1. Pressure and suction distributing mechanism for milking machines comprising a distribution box, connections on said distribution box for supplying compressed air and suction to the milking cups, a reciprocating slide in said distributing box, means controlled by said slide for delivering compressed air and suction alternately to each of said connections, a cylinder, a piston working in said cylinder, means controlled by said slide for supplying suction to said cylinder alternately on opposite sides of said piston and reciprocating tubes secured to said slide and projecting into said cylinder at opposite sides of said piston, said tubes also constituting the means for supplying suction to said cylinder.

1,644,793. VALVE TAPPET AND ANALOGOUS ARTICLES. GEORGE R. RICH, Battle Creek, Mich. Filed Jan. 30, 1925. Serial No. 5,805. 2 Claims. (Cl. 123-188.)

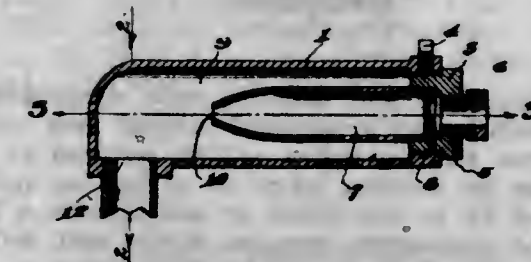
1. A new article of manufacture, comprising a disc like head and stem, composed of two pieces of forgeable material, one piece comprising the major and exterior portion of the head and the other piece comprising the stem and having a part thereof within the head, the part of the

stem within the head having a plurality of separate annular radially extending fins, each tapering to a thin edge, and the head piece having separate thin annular



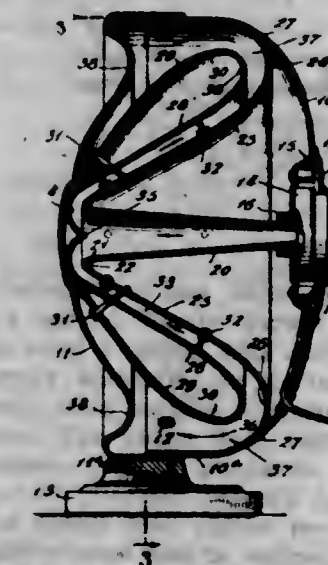
radially extending fins overlapping the fins of the stem portion and being integrally united with the piece which formed the stem.

1,644,794. INTAKE SILENCER. ALEXANDER V. SAHAROFF, Cincinnati, Ohio, assignor to Worthington Pump and Machinery Corporation, New York, N. Y., a Corporation of Virginia. Filed Apr. 21, 1926. Serial No. 103,598. 1 Claim. (Cl. 137-160.)



In an intake silencer, an outer casing forming a pulsation chamber, a tube concentric within said chamber, the said tube having a choked inlet and a single relatively wide, narrow outlet opening into said chamber, the walls of said tube curving inwardly as they approach said outlet.

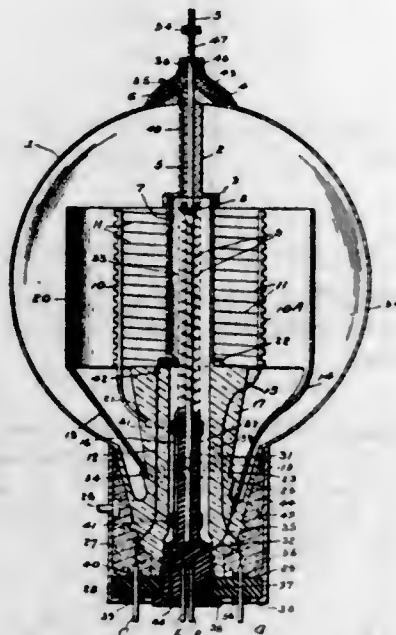
1,644,795. SOUND AMPLIFIER. LESLIE STEVENS, Glen Ridge, N. J. Filed Apr. 15, 1925. Serial No. 23,172. 11 Claims. (Cl. 181-27.)



1. A sound amplifier, comprising a pair of sound directing members arranged in spaced concentric relationship to form a tortuous passage, each of said members being con-

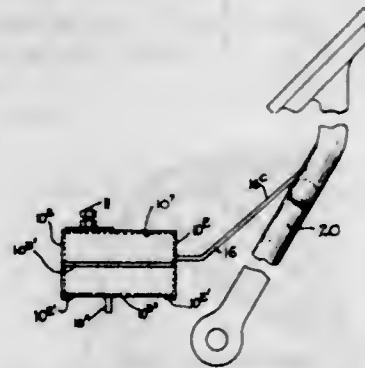
structed of a plurality of truncated substantially cone-shaped members connected together to form continuous curved surfaces, whereby the tortuous passage is free from sharp edges and corners, and said sound-directing members being of such shape that the tortuous passage is of gradually increasing cross-sectional area throughout its length.

1,644,796. AMPLIFYING AND DETECTING TUBE. HENRY PAGE STUART, Seattle, Wash. Filed Mar. 27, 1926. Serial No. 97,841. 4 Claims. (Cl. 250-27.5.)



1. An amplifying and detecting tube comprising an air tight bulb having a reentrant integral neck, an air tight electron emitting hollow cathode mounted on said neck, means for emitting warm air at the top and admitting cool air at the bottom of said cathode, a heating element insulatively mounted within said cathode, and means for removing said heating element.

1,644,797. ELECTRIC SWITCH. BENJAMIN A. TETZLAFF, Berwyn, Ill., assignor to Wittek Manufacturing Co., a Corporation. Filed Aug. 5, 1925. Serial No. 48,198. 2 Claims. (Cl. 200-59.)



1. In an electric switch, and in combination, a casing, a normally open electric circuit having a pair of terminals extending into said casing, a lever mounted within said casing having an extension thereof extending outside of said casing, a contact plate freely supported on said lever within said casing and normally not in contact with said terminals, a lever mounted exteriorly of said casing and adapted normally to retain said extension of said lever within said casing in raised position whereby the portion of said lever within said casing is maintained in lowered position with said contact plate disengaged from said terminals, and resilient means adapted to move said portion of said lever within said

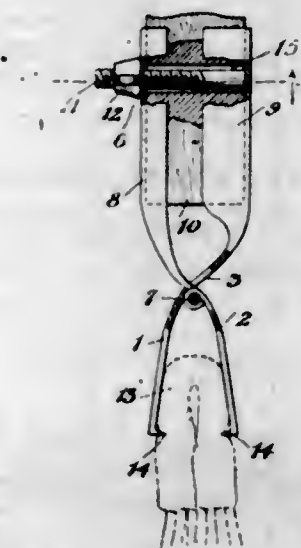
casing and said contact plate upwardly to thus close said circuit responsively to the movement of said exteriorly mounted lever out of normal position, said contact plate being permitted to drop by gravity from contact with said terminals upon the return of said exteriorly mounted lever into normal position.

1,644,798. OPHTHALMIC LENS. EDGAR D. TILLYER and HAROLD R. MOULTON, Southbridge, Mass., assignors to American Optical Company, Southbridge, Mass., a Voluntary Association of Massachusetts. Filed Aug. 26, 1925. Serial No. 52,692. 12 Claims. (Cl. 41-20.)

6. The process of changing a glass surface so that it will have a different reaction to a silver depositing solution by applying thereto a solution of stannous chloride.

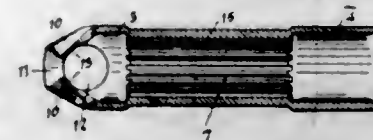
8. An ophthalmic lens having a finished optical surface with a physical deposit thereon having the property of precipitating another deposit of a different material onto the first deposit when the lens is placed in a solution containing the second deposit.

1,644,799. MOP HOLDER. SAMSON L. TOPLITZ, New York, N. Y. Filed Dec. 11, 1926. Serial No. 154,057. 3 Claims. (Cl. 15-150.)



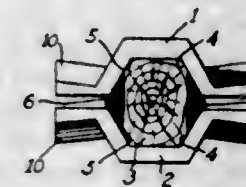
1. An article of the class described comprising a pair of mop-clamping jaws, one of said jaws having an opening through which a part of the other jaw protrudes, a hinge connecting said jaws, extended parts on the jaws having curved inner faces so that they embrace a handle between them, a stud on one of said parts extending through the handle and means movable on said stud for drawing the extended parts toward one another to cause the jaws to clamp a mop between them.

1,644,800. CONNECTER SLEEVE FOR TELESCOPING SHAFTS. BERTIS H. URSCHEL, Bowling Green, Ohio. Filed Sept. 10, 1926. Serial No. 134,660. 15 Claims. (Cl. 64-89.)



1. In a shaft connector, a sleeve, a central body portion of the sleeve having smaller interior and exterior diameters and a thicker wall than the end portions of the sleeve and forming flaring inner and outer surfaces, the central body portion of the sleeve having splines.

1,644,801. METHOD OF TREATING WOOD. AUKE HERMANNUS VAN DER WERFF, Ter Apel, Netherlands, assignor to N. V. Maatschappij Ago, Ter Apel, Netherlands. Filed Sept. 5, 1925. Serial No. 54,840. 2 Claims. (Cl. 144-309.)



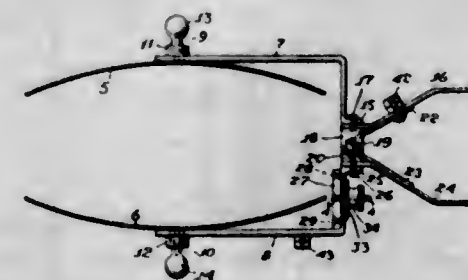
1. A method of compressing wood, which consists in first cutting the wood into pieces of a size corresponding to the finished product and determined by the moisture content of the wood and the desired density of the finished product, then compressing the said pieces by means acting simultaneously transversely of the grain in at least two directions at substantially right angles to each other and toward the center of the piece to a point where the wood's cells are disintegrated while avoiding any pressure in or parallel to the fibers.

1,644,802. WATCHCASE. HENRY E. VERMOT, Sag Harbor, N. Y., assignor to Joseph Fahys & Company, New York, N. Y., a Corporation of New York. Filed Nov. 19, 1925. Serial No. 70,064. 2 Claims. (Cl. 58-88.)



1. A watch case holder provided with an inner bearing surface fitting the outer periphery of the center of said watch case and having laterally-presented bearing surfaces adapted to be engaged by circumferential portions of the bezel and back respectively of said watch case.

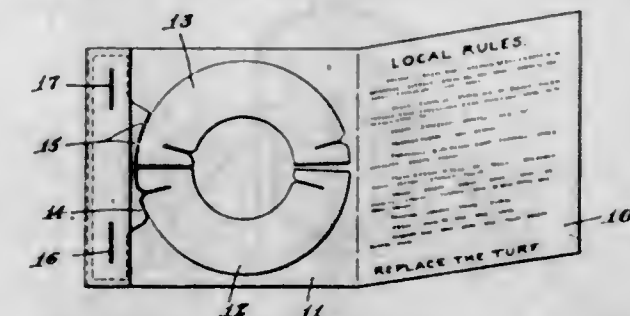
1,644,803. ELECTRODE CLAMP. REINHOLD H. WAPPLER, Yonkers, N. Y., assignor to Wappler Electric Company, Inc., Long Island City, N. Y., a Corporation of New York. Filed July 5, 1923. Serial No. 649,464. 5 Claims. (Cl. 174-89.)



1. A device of the character described comprising a pair of metallic arms insulated from each other, a pair of electrodes carried by said arms, means for applying electric currents to said arms, handle members connected

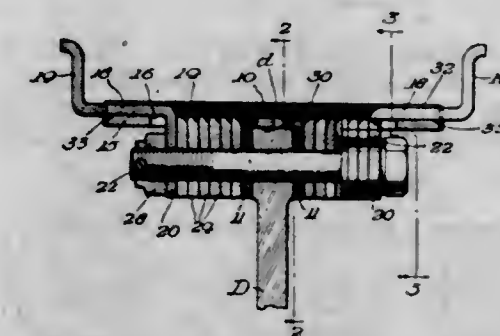
with said arms for enabling the operator to cause them to move apart, a switch carried by said arms and controllable by the operator for making and breaking electrical communication between said arms, and spring mechanism connected with said arms for forcing them toward each other.

1,644,804. COMBINED GOLF TEE AND SCORE CARD. ELWOOD S. WHITCOMB, Melrose Highlands, Mass. Filed Jan. 2, 1926. Serial No. 78,790. 1 Claim. (Cl. 273-33.)



In combination, a folding golf score card constituting a cover, a plurality of complementary flat golf tee blanks each detachably secured within said cover, and wholly concealed and protected thereby, perforated tabs for holding said tee blanks within said score card, whereby the tee blanks are independently detachable while the remaining tee blanks are protected by the score card cover.

1,644,805. CONTROLLER PEDAL FOR TRANSMISSIONS. AARON E. WINCKLER, Milwaukee, Wis. Filed Aug. 13, 1925. Serial No. 49,923. Renewed Aug. 17, 1927. 26 Claims. (Cl. 74-81.)



1. In a pedal, the combination with a lever, of a foot-piece for the lever comprising a top-plate provided with a downturned perforated ear, side-lugs provided with perforated ears, a bottom-plate fitting the underside of the top-plate and provided with slots through which the lugs are extended, a bolt extending through ears on the lugs and the top-plate to secure them together, and means to hold the bottom-plate against the top-plate.

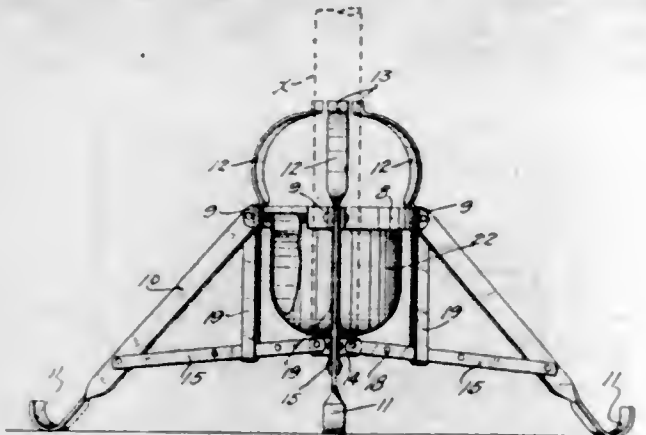
1,644,806. MOTOR-CAR TRUNK. DESFORD WITBECK, St. Louis, Mo., assignor to George V. Steffens Company, St. Louis, Mo., a Corporation of Missouri. Filed Jan. 3, 1927. Serial No. 158,592. 5 Claims. (Cl. 190-28.)



1. A motor car trunk provided with a lid, a sheet metal outer covering for said lid provided with a portion that extends inwardly under the bottom edge of said lid and

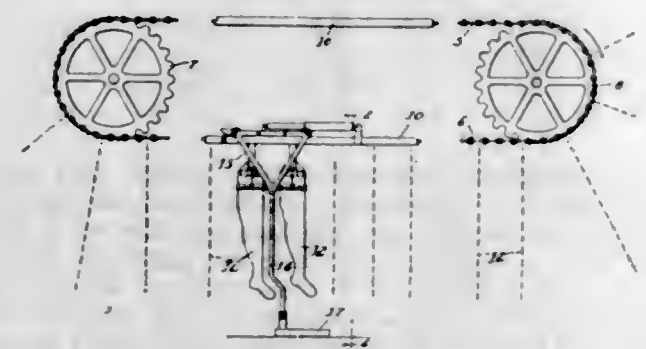
then upwardly on the inside of the lid, and a gasket holder integrally connected to said upwardly-projecting portion.

1,644,807. CHRISTMAS-TREE HOLDER. CHARLES D. ZEIGLER, St. Paul, Minn. Filed June 9, 1926. Serial No. 114,794. 4 Claims. (Cl. 248-38.)



1. A Christmas tree holder comprising a body member, supporting legs attached to the body member for spreading and contracting movements and having tree-gripping prongs arranged to partake of reverse movements from that of said legs, a Christmas-tree-supporting head, links connecting said head to said supporting legs for vertical movement in respect thereto and operative to spread said legs by a downward movement and contract the same by an upward movement, and stop-acting means on a relatively fixed part of the holder and operative on a relatively movable part thereof to prevent the supporting head from moving below a dead center.

1,644,808. SINGING APPARATUS. EDWARD J. ZIOCK, Rockford, Ill. Original application filed May 7, 1924, Serial No. 711,565. Divided and this application filed Sept. 20, 1924. Serial No. 738,754. 16 Claims. (Cl. 26-5.)

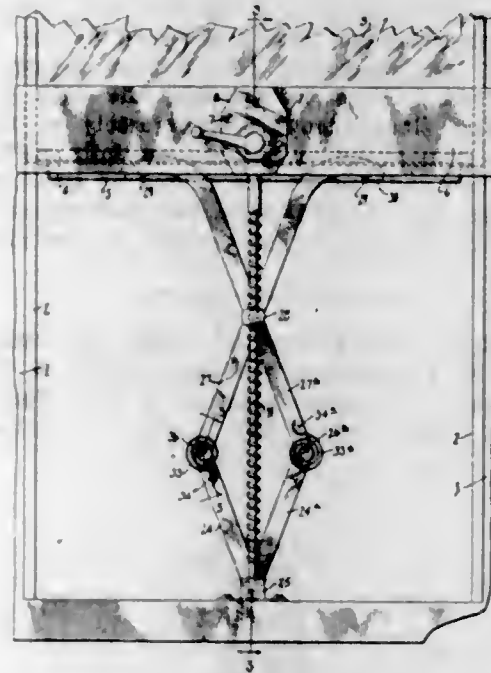


1. In apparatus for finishing stockings, in combination, a traveling carrier, stocking forms spaced thereon, and a singeing device having a singeing element at each side of the stocking passage and mounted to travel in one direction in a singeing stroke across the forms and in the opposite direction in an idle stroke with the forms but disposed out of singeing relation thereto.

1,644,809. SASH-OPERATING MECHANISM. EDWARD L. ACKERMAN, Detroit, Mich., assignor to Ackerman-Blaesser-Fezzy Corporation, Detroit, Mich., a Corporation of Michigan. Filed Apr. 19, 1923. Serial No. 633,056. 1 Claim. (Cl. 268-127.)

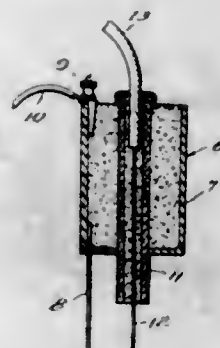
In sash operating mechanism, the combination with a window casing, having side grooves and a sash slidable in the grooves, the lower portion of the window casing being formed to provide a pocket into which the sash may

be moved and the pocket being of a depth approximately equal to the length of the sash whereby when the sash when moved into the pocket engages the bottom of the pocket and is practically flush with the opposite end thereof, of operating mechanism for the sash positioned within the pocket comprising a screw shaft extending lengthwise of the pocket, a bearing for the shaft end at the bottom of the pocket, means near the top of the pocket for supporting the opposite end of the shaft, means for rotating the screw shaft, said screw shaft being positioned at one side of the plane of movement of the sash, a lazy tongs comprising a pair of crossed arms and a pair of pivoted arms, said pivoted arms being pivoted to the bearing at the bottom of the pocket, a nut on the shaft to which the crossed arms are both pivoted at the cross-



ing point, the crossed arms at the upper ends being outwardly curved and the said curved ends extending from the pivot point to a greater distance than the opposite ends, said opposite ends being in pivoted relation respectively with the pivoted arms, a roller mounted at the end of each curved arm, a way in the bottom of the sash into which the rollers project, and counterbalancing springs at the point of connection of the crossed arms with the said pivoted arms, the lazy tongs structure lying between the screen shaft and the plane of movement of the sash, and the said curved arms of greater length providing a means for moving the sash to the bottom of the pocket with the curved ends of the arms extending over and beyond the folded portions of the lazy tongs.

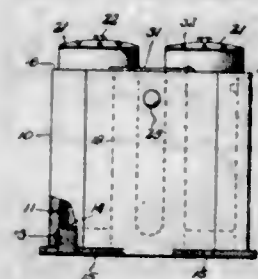
1,644,810. AUTOMATIC IGNITION-CONTROL DEVICE FOR ENGINES. DICK J. BAAS, Pease, Minn. Filed June 1, 1925. Serial No. 34,155. 1 Claim. (Cl. 200-152.)



As an article of manufacture, a circuit controlling device, comprising a cup-shaped receptacle, a tubular member formed of insulating material mounted in and having

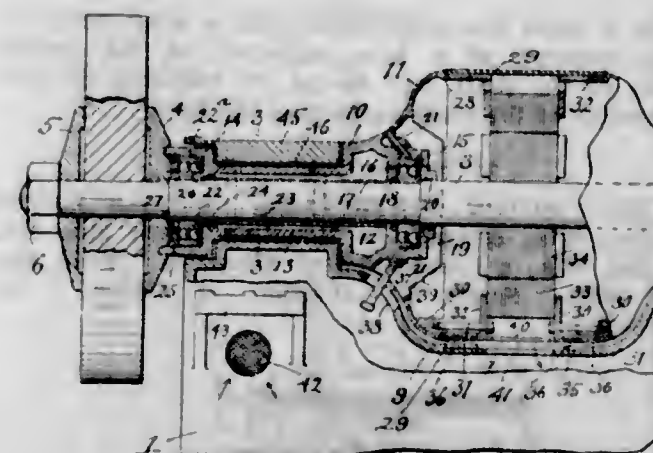
one end extending through an opening in the bottom of said receptacle, and terminating in spaced relation below said bottom, a filler of insulating material mounted in said tubular member, and an electrode secured in said tubular member by said filler and extending beyond the end of said member, a second electrode mounted on the side and projecting beyond the bottom of said cup-shaped receptacle, said electrode being in substantially spaced parallel relation, and terminal connections for each of said electrodes.

1,644,811. COMBINATION SALT AND PEPPER SHAKER. OLIVER W. BALDWIN, Gary, Ind. Filed Apr. 25, 1927. Serial No. 180,286. 4 Claims. (Cl. 65-45.)



1. A condiment holder comprising a casing having condiment-holding compartments, perforated dome-shaped members integral with the upper face of the casing and respectively aligned with the said compartments to form perforated tops for the latter, said casing being recessed to provide a short arcuate guiding surface at the base of each dome-shaped top, a perforated cap rotatably carried by each perforated top and having a downwardly and outwardly projecting finger adapted for movement over the guiding surface at the base of the said top, and an operating connection between the said fingers of the respective caps for imparting movement thereto.

1,644,812. GRINDING MACHINE. JOSEPH L. BALLASH, Cleveland, Ohio, assignor to The Cleveland Stone Company, Cleveland, Ohio, a Corporation of Ohio. Filed Mar. 28, 1925. Serial No. 18,953. 6 Claims. (Cl. 172-36.)

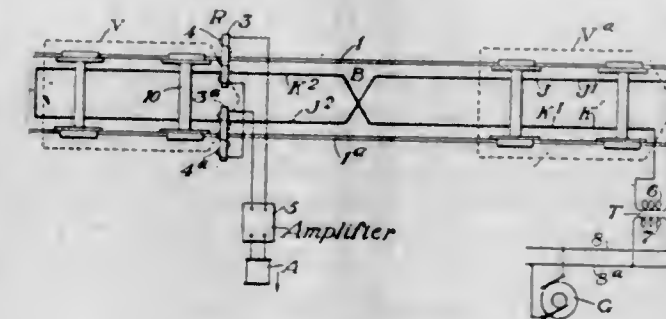


1. In a machine of the character described, the combination with a supporting stand having spaced aligned seats, of a mechanism detachably mounted on the stand, said mechanism comprising a motor casing having an enlarged central portion and axially aligned tubular extensions, said extensions resting on said seats and supporting the casing thereon, a shaft extending through said casing and projecting beyond said extensions, bearings for said shaft within said extension, means for securing said

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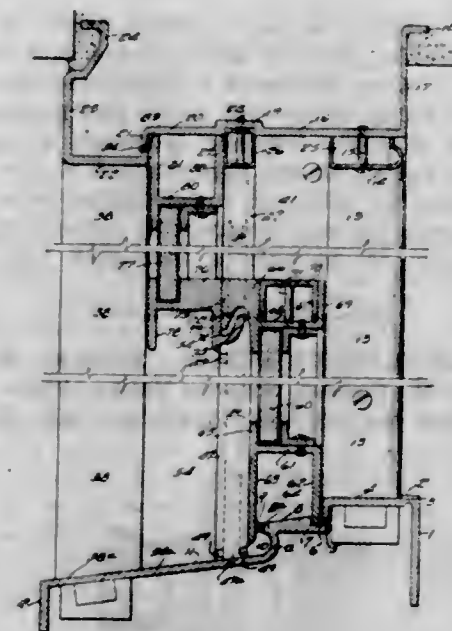
extensions to said seats and for holding said casing against rotation, and a motor within the enlarged central portion of the casing comprising a rotor fixed to the shaft and a stator fixed to said casing.

1,644,813. RAILWAY-TRAFFIC-CONTROLLING APPARATUS. GEORGE W. BAUGHMAN, Edgewood Borough, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a Corporation of Pennsylvania. Filed Nov. 1, 1926. Serial No. 145,399. 4 Claims. (Cl. 246-63.)



4. In combination, an auxiliary circuit located in the trackway and comprising two conductors parallel to the rails, and means for supplying alternating current to the conductors in series, said conductors being transposed with respect to the rails so that the currents induced in the rails by current in the conductors are neutralized.

1,644,814. DOUBLE-HUNG WINDOW. SIDNEY U. BARR, Brooklyn, N. Y. Filed Mar. 17, 1926. Serial No. 95,251. 2 Claims. (Cl. 189-72.)



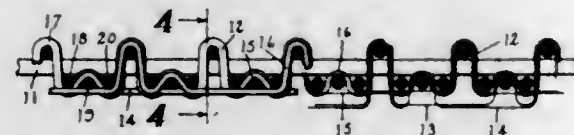
1. As a new article of manufacture, a metal window frame sill having adjacent its inward edge a lengthwise and downwardly extending shoulder; rearwardly thereof, a lengthwise and downwardly extending groove; rearwardly of the groove, a downwardly and outwardly slanting portion terminating in a lengthwise extending shoulder overhanging and forming the top wall of a lengthwise extending drift water receiving cove; the under wall of the cove merging into a continuously flat rearwardly and continuous downwardly slanting portion of the sill; said top wall being formed with a weep-hole.

1,644,815. PITOT TUBE. HARRY WILLIAM BROADY, New York, N. Y., and GUSTAV GEORG HERMAN RYDBERG, Appelviken, Sweden, assignors to Svenska Aktiebolaget Logg, Stockholm, Sweden, a Corporation of Sweden. Filed Apr. 12, 1926. Serial No. 101,559. 3 Claims. (Cl. 73-167.)



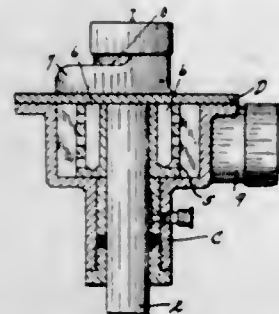
2. A Pitot-tube comprising a tube of steel and inner and outer covers thereof of a metal able to resist the corrosive action of water.

1,644,816. ELASTIC WEBBING. GEORGE E. CLAUS, Ansonia, Conn., assignor to The Ansonia O & C Company, Ansonia, Conn. Filed Apr. 24, 1926. Serial No. 104,450. 17 Claims. (Cl. 139-423.)



1. Elastic webbing having a single layer of covered rubber warp cords, picks of filling above said cords and spaced apart to form therewith a reticulated face for the web, picks of filling below said cords, and means to bind the aforesaid elements together including a number of warp threads floated on the back surface of the web outside a plurality of adjacent lower filling picks and at intervals passing up and downwardly between two adjacent back picks to go over a face pick and be held thereby.

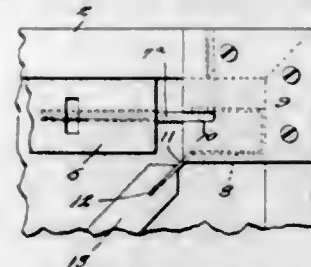
1,644,817. GEAR-DRIVE PUMP. MATTHEW A. CONANT and JOHN E. GOATES, Provo, Utah. Filed Apr. 12, 1926. Serial No. 101,353. 1 Claim. (Cl. 103-126.)



In a pump of the class described the combination of a casing composed of two parts, one part being provided with bearing portions for said pump; an inlet opening on the top side of said casing; an outlet opening on one side of said casing taking the entire flow from the pump; means to support said pump; intermeshing gears carried in said casing each gear having spaced apart conduits bored parallel with its axis; stub shafts on one side of

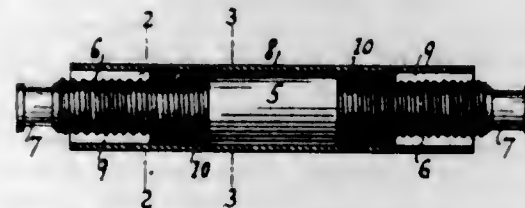
said gears, by which they are supported in said casing, carried in said bearing portions; and a plurality of openings between the teeth of said gears, each opening being in open connection with one of the conduits running parallel with the axis of the gear, through which fluids may be forced when the gears are rotating.

1,644,818. FOLDING TABLE. ATHERTON D. CONVERSE, Winchendon, Mass., assignor to Morton E. Converse & Son Co., Winchendon, Mass., a Corporation of Massachusetts. Filed Aug. 21, 1925. Serial No. 51,585. 3 Claims. (Cl. 45-48.)



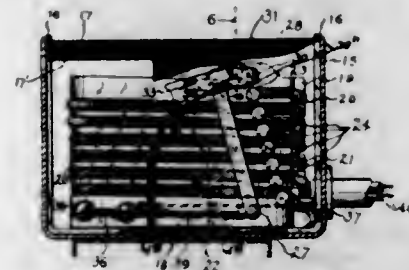
1. A folding table including a top, reinforcing strips secured thereto, a leg connecting element pivoted to one of said strips, a member secured to said strips and having a slot therein, said leg connecting element being movable in said slot, and a table leg secured to said leg connecting element and movable therewith, said leg connecting element being right angular, one leg thereof engaging a reinforcing strip, the other engaging the table leg, and a U-shaped member secured to a reinforcing strip and having a portion straddling the leg connecting element.

1,644,819. RULER FOR CALENDERING MACHINES. GEORG LUDWIG DOERR, Mannheim, Germany, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany, a Corporation of Germany. Filed Jan. 8, 1926. Serial No. 79,965. 3 Claims. (Cl. 92-77.)



1. In a roller the combination with a shaft having a central member, of a tube supported on the central member of the shaft, and means for widening the central member of the shaft supporting the tube.

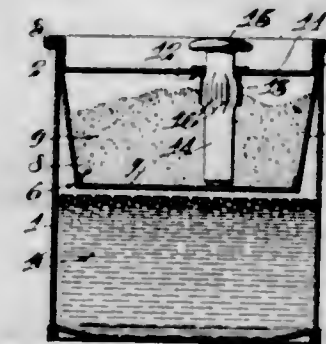
1,644,820. MOTOR CONTROLLER. WILLIAM DRIVER, Racine, Wis., assignor to Hamilton Beach Mfg. Co., Racine, Wis., a Corporation of Wisconsin. Filed Apr. 26, 1926. Serial No. 104,855. 4 Claims. (Cl. 201-48.)



1. A motor controller, comprising a support, an insulating block carried by the support and having grooves formed therein, a coil of resistance wire included in an electric circuit and wound around the insulating block and extending into said grooves, a line of fixed contacts

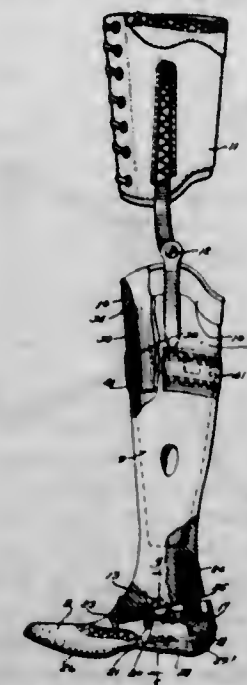
intersecting portions of the resistance wire, an elongated fixed contact extending in a line adjacent the line of fixed contacts but free from contact with the resistance wire, a circuit wire connected to the elongated fixed contact, a circuit wire connected to one end of the resistance wire, a treadle pivotally mounted on the support, means for yieldingly holding the treadle in its upper position, an arm carried by and insulated from the treadle and having an intumed end portion, and a movable contact member engaging the elongated contact member and the fixed contacts and having an opening through which the intumed end portion of the arm extends to form a freely movable engagement therebetween, said movable contact member disengaging the elongated contact and opening the circuit before it disengages the last resistance wire fixed contact.

1,644,821. CONTAINER. JACOB ECKART, Furth, Bavaria, Germany. Filed Feb. 2, 1927. Serial No. 165,455, and in Germany Feb. 9, 1926. 5 Claims. (Cl. 220-20.)



1. A container of the class described comprising a receptacle body, a cover for the body having a central depression, a partition adapted to separate the body into an upper and a lower compartment and including a knock-out portion, and a plunger projected through and carried by the cover and having a striking head located within and operable in the depression of the cover and a knock-out portion dislodging end projected into close proximity with said knock-out portion.

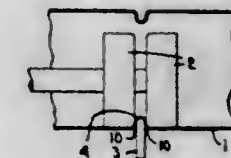
1,644,822. ARTIFICIAL LIMB. OTTO H. ERICKSON, Minneapolis, Minn. Filed May 16, 1925. Serial No. 30,718. 6 Claims. (Cl. 3-2.)



1. An artificial leg member, a thin metallic upper extension telescoped onto said leg member and rigidly secured thereto, an outer covering shell applied around said leg member and extended up to said upper extension, a band applied around the upper portion of the

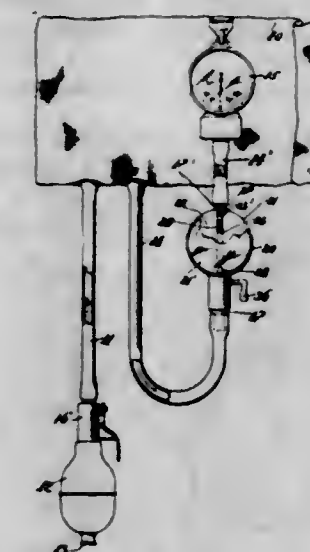
outer shell of said leg member and around the lower portion of said metallic upper extension and secured to both thereof and covering the joint therebetween and reinforcing the same.

1,644,823. METHOD OF MAKING METALLIC BELLOWS. HORACE B. FAY, Shaker Heights, Ohio. Filed Oct. 28, 1924. Serial No. 746,331. 15 Claims. (Cl. 153-73.)



1. In a method of making metallic bellows, the steps which consist in forming spaced inwardly extending shallow grooves in a cylindrical metal wall, and then expanding such wall outwardly between such grooves by the application of pressure uniformly against the surface of said wall while supporting the outer surfaces of such grooves against expansion.

1,644,824. VISIBLE PULSE AND DIASTOLIC INDICATOR. NATHANIEL FEEDER, Brooklyn, N. Y. Filed June 8, 1922. Serial No. 566,753. Renewed July 22, 1927. 6 Claims. (Cl. 116-117.)

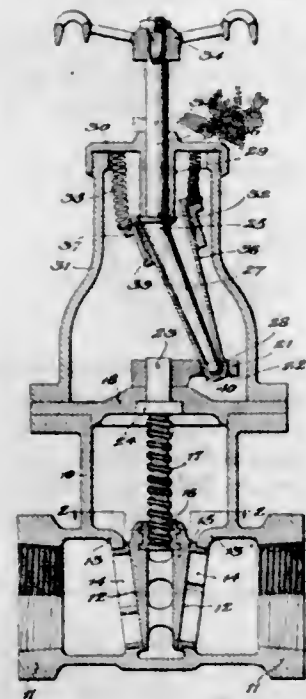


5. A visible pulse and diastolic indicator comprising, in combination, a casing providing an air chamber and having an aperture in one side thereof, a channelled plug fitting into said aperture, an indicator tube carried by said plug so as to extend into said air chamber when the plug is in position in said aperture, said tube communicating with said channel and with said air chamber, a ball within said tube, a by-pass in said plug, and a valve within said plug controlling said by-pass and adapted, on being opened, to by-pass some of the air normally passing through the channel in said plug, so as to give visible pulse and diastolic indications of different sensitiveness.

1,644,825. PACKLESS VALVE. WESTON M. FULTON, Knoxville, Tenn., assignor, by mesne assignments, to The Fulton Syphon Company, Knoxville, Tenn., a Corporation of Delaware. Filed Mar. 31, 1922. Serial No. 548,403. 6 Claims. (Cl. 251-31.)

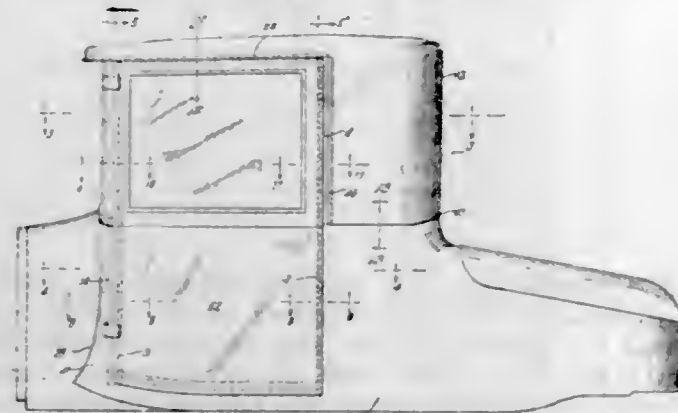
1. In a gate valve, the combination of a valve housing having a valve seat therein, a valve member in said housing movable transversely of the axis of said seat, co-operating threaded members for moving said valve member, means for producing relative rotation between said threaded members including a crank-like member on one of said threaded members, a rotatable stem having a

portion deflected at an acute angle thereto and adapted to co-operate with said crank-like member, a rigid tubular member embracing the deflected portion of said stem, and a flexible tubular wall constituting a fluid-tight



partition between said tubular member and said valve housing, the plane of the end of said flexible wall intersecting the axis of said stem within the non-deflected portion thereof.

1,644,826. SEPARABLE AUTO BODY CONSTRUCTION. GEORGE E. GODDARD, Detroit, Mich., assignor, by mesne assignments, to Dodge Brothers Inc., a Corporation of Maryland. Filed Jan. 29, 1923. Serial No. 615,508. 5 Claims. (Cl. 296—28.)

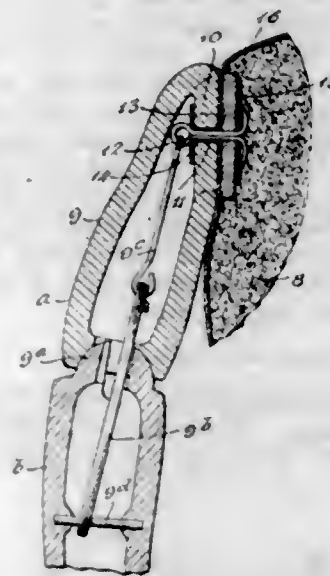


1. An automobile body construction having in combination, a body proper unit having door openings, and a curved plate extending about the upper part of the body unit at the rear of the seat location, a top comprising a roof portion and a rear portion extending about the rear of the top, and a plate at the base of said rear-portion adapted to overlie and fit the corresponding plate in the body portion.

1,644,827. DOLL. BENJAMIN GOLDENBERG, New York, N. Y., assignor to E. I. Horsman Co. Inc., New York, N. Y., a Corporation of New York. Filed June 22, 1926. Serial No. 117,886. 1 Claim. (Cl. 46—40.)

In a doll a stuffed body including a flexible outer cover, an articulated limb having an end wall and comprising a plurality of communicating hollow sections, a disk located within said body in registry with said end wall and in combination therewith constituting a bearing upon which said limb is pivotally movable relatively to said body, a fastening device passing through said end wall and said

disk for pivotally connecting said limb with said body, a cross-bar having its ends embedded in the opposite walls of the limb section farthest from said end wall, and an

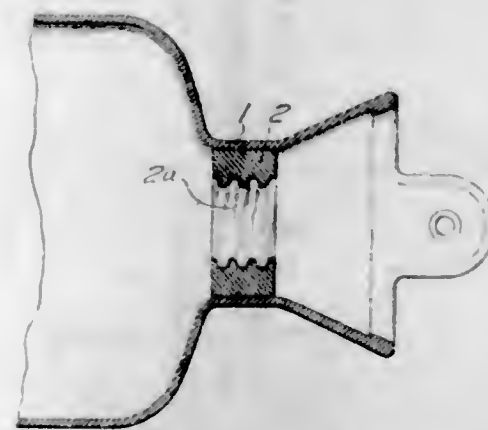


elastic member extending lengthwise of said limb and connected at one end with said cross-bar and at the other end with said fastening device for yieldingly connecting said limb sections with each other.

1,644,828. METHOD OF ANNEALING OR HEAT-TREATING STEEL OR OTHER METALS. F. WALTER GIBERT, Detroit, Mich. Filed Oct. 24, 1925. Serial No. 64,692. 2 Claims. (Cl. 148—13.)

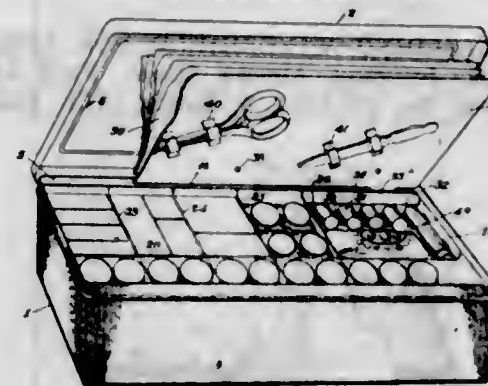
1. The method of heat-treating steel or other metals adapted to be hardened by heat-treating which consists in heating the metal to the proper degree and then quenching, the metal being maintained in a vacuum during the entire process.

1,644,829. METHOD RELATING TO THE MANUFACTURE OF RUBBER WATER BOTTLES. HOWARD A. HANDS, Watertown, Mass., assignor to Hood Rubber Company, Watertown, Mass., a Corporation of Massachusetts. Filed Mar. 21, 1927. Serial No. 177,010. 2 Claims. (Cl. 18—59.)



1. The herein described method of securing screw ferrules in the mouths of rubber water bottles which consists in providing a vulcanized soft rubber water bottle and a hard rubber ferrule having an internal threaded bore and a smooth external surface to fit the internal surface of the neck of the bottle, coating one of said surfaces with a vulcanizable cement, inserting the ferrule in the neck, and vulcanizing the cement by heat transmitted through the ferrule.

1,644,830. CONTAINER FOR FIRST-AID KITS. ALBERT ENNIS HENDERSON, Toronto, Ontario, Canada. Filed Feb. 4, 1924. Serial No. 690,468. 13 Claims. (Cl. 206—16.)



1. In a first aid kit, a container having a hinged closure, a frame comprising inter-fitting wall sections removably supported within said container and separately removable therefrom partitioning members supported by said frame, and a closure for said frame.

1,644,831. OVERHEAD-BORING MACHINE. ROBERT HALSEY HENDERSON, East Orange, N. J. Filed Sept. 16, 1925. Serial No. 56,610. 1 Claim. (Cl. 144—103.)

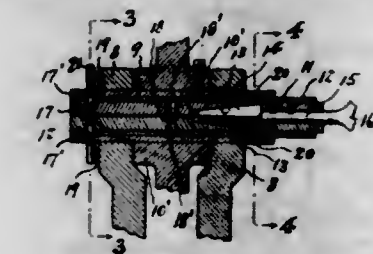


In an overhead boring machine, a vertical standard having at its upper end means to support a rotatable boring bit chuck provided with a driving sprocket and at its lower end means to support an idler guide pulley, an idler guide pulley on said supporting means, said idler guide pulley being of substantially smaller diameter than said driving sprocket, an endless drive chain running over and between said sprocket and guide pulley, a transverse spreader bar provided with spreader pulleys at its opposite ends to engage the oppositely running courses of said chain, said spreader bar having a hub intermediate its ends vertically adjustable on said standard, and means to lock said hub against movement to thus position said spreader bar relative to said guide pulley so as to determine the desired running tension of said chain between the latter and said sprocket while at the same time holding the courses of said chain outwardly spaced from said standard.

1,644,832. EXTENSIBLE CHUCK FOR BORING TOOLS. ROBERT HALSEY HENDERSON, East Orange, N. J. Filed Sept. 16, 1925. Serial No. 56,611. 1 Claim. (Cl. 144—105.)

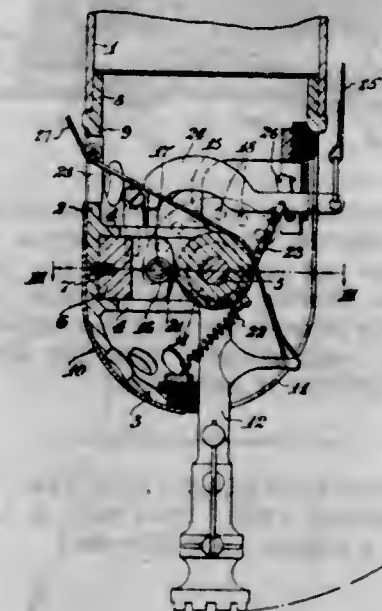
An extensible tool chuck, comprising a rotatable hollow shaft having transverse openings respectively disposed adjacent to its rearward and forward ends, a longitudi-

nally adjustable sleeve slidable in said hollow shaft, a chuck member comprising separable semi-cylindrical jaw sections having gripping sockets in the meeting faces of their forward end portions to embrace and hold the butt of a tool element for operative forward longitudinal projection therefrom, said assembled jaw-sections being receivable in said adjustable sleeve whereby the same are retained in gripping relation to the said tool element, both said jaw-sections and adjustable sleeve having longitudi-



nally spaced sets of aligned transverse openings in their rearward portions, the forward set being registrable at will with said forward transverse openings of said hollow shaft and the rearward set being selectively registrable with either the forward or rearward transverse openings of said hollow shaft, and a removable coupling pin engageable through selectively aligned openings of said assembled sleeve and jaw sections and said hollow shaft as and for the purposes described.

1,644,833. JOINT FOR ELBOWS AND KNEES OF ARTIFICIAL LIMBS. CYRIL GEORGE HOARE, Hounslow, England. Filed Feb. 16, 1927. Serial No. 168,773, and in Great Britain Nov. 3, 1925. 5 Claims. (Cl. 3—2.)

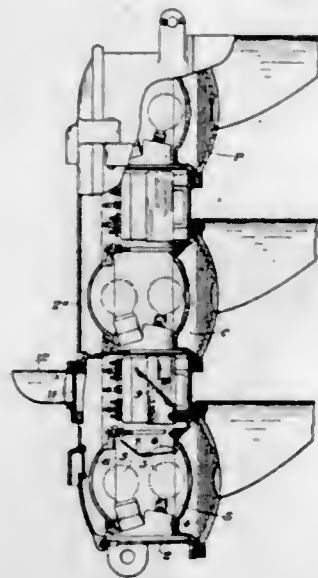


1. In joints for elbows and knees of artificial limbs, a cast metal bucket for the upper limb member having a slideway at right angles to the vertical axis of the bucket, a mounting frame fitted in said slideway, and a rotatable shaft carried by the mounting frame.

1,644,834. LIGHT SIGNAL. JOHN S. HOBSON, Chicago, Ill., assignor to The Union Switch & Signal Company, Swissvale, Pa., a Corporation of Pennsylvania. Filed Aug. 24, 1922. Serial No. 584,144. 7 Claims. (Cl. 246—478.)

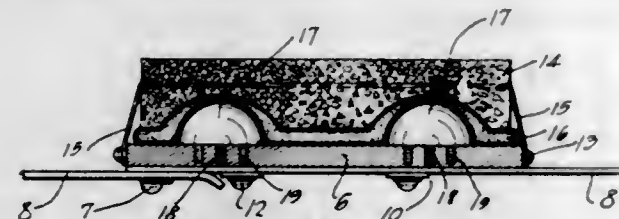
5. A railway light signal comprising a casing having two non-registering apertures in the front and back respectively, a light source located in said casing in the axial line of the front aperture, a lens mounted in said front aperture for projecting a beam of light towards a train approaching the signal, and means for projecting a second beam of light from said source through said back

aperture towards a train receding from said signal, the part of the back wall of said casing registering with said front aperture being opaque so that light from the out-



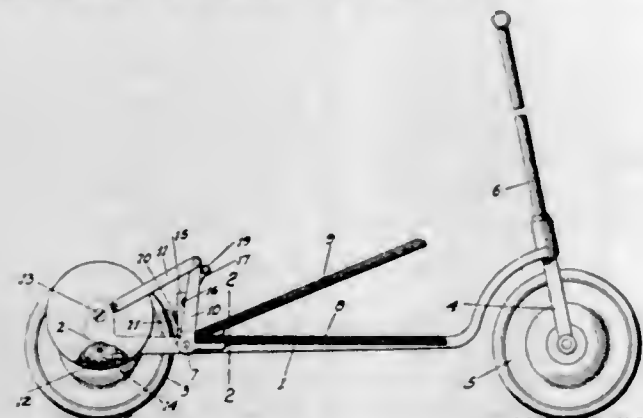
side striking the back of the casing cannot be projected from the front aperture to cause the signal to falsely appear illuminated.

1,644,835. MEDICAL TRUSS. RAULAND H. HOWARD, Omaha, Nebr. Filed Apr. 25, 1927. Serial No. 186,476. 2 Claims. (Cl. 128—114.)



1. A truss comprising a rigid, elongated plate, fastening means for securing the plate to the body of the wearer, a flexible, elastic pad connected with the plate, and a flexible container between the pad and said plate, and a pair of projections between the plate and flexible container, said projections being mounted upon and adapted to be adjusted longitudinally of said plate.

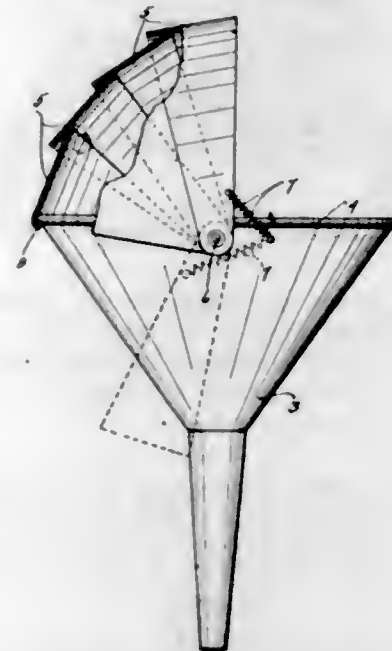
1,644,836. PEDAL-PROPELLED SCOOTER. THOMAS A. JACKSON, Pittsburg, Calif. Filed Sept. 2, 1926. Serial No. 133,128. 3 Claims. (Cl. 208—34.)



1. A velocipede comprising a frame, front and rear wheels supporting the frame, longitudinally extending pedals disposed to the sides of the frame and pivoted thereon for independent movement, a driving mechanism between one only of said pedals and the rear wheel to cause the latter to be driven with the depression of said

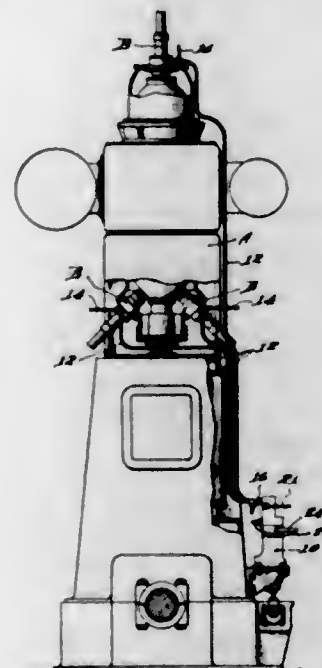
pedal, and means between the pedals to cause both pedals to oscillate in oppositely timed relation and to cause the wheel to be also driven with the depression of said other pedal.

1,644,837. YIELDING WINDSHIELD FOR FUNNELS. WILLIAM W. JOHNSON, Almora, Minn. Filed Apr. 20, 1927. Serial No. 185,169. 3 Claims. (Cl. 225—20.)



1. A funnel having a collapsible sectional wind shield pivoted thereto, and a spring anchored to the funnel and attached to the wind shield and movable with the wind shield from one side of a dead center to the other for holding the wind shield either open or collapsed.

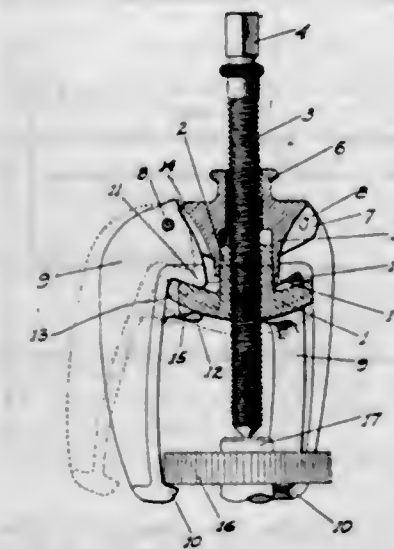
1,644,838. STEAM-JACKETED OIL PUMP AND PIPE CONNECTION FOR INTERNAL-COMBUSTION ENGINES. OLAV E. JORGENSEN, Forest Hills, N. Y., assignor to Worthington Pump and Machinery Corporation, New York, N. Y., a Corporation of Virginia. Filed Feb. 19, 1926. Serial No. 89,453. 3 Claims. (Cl. 123—32.)



1. The combination with an internal combustion engine including a fuel pump, injection valves, fuel oil supply pipes between the pump and valves, of flexible jackets mounted about said supply pipes and having inlet openings adjacent to the injection valves and outlet open-

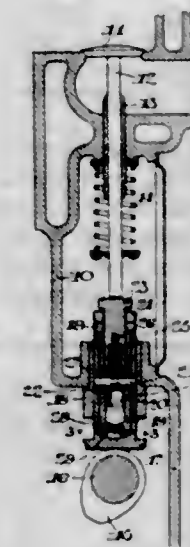
ings adjacent to said pump to permit the circulation of a heating agent through the jackets, said pump including a casing provided with a channel to permit circulation of a heating agent through the pump casing.

1,644,839. AUTOMATICALLY-ADJUSTING GEAR PULLER. MARK L. LANDRUM, Plymouth, Calif. Filed Aug. 24, 1926. Serial No. 131,193. 1 Claim. (Cl. 29—85.)



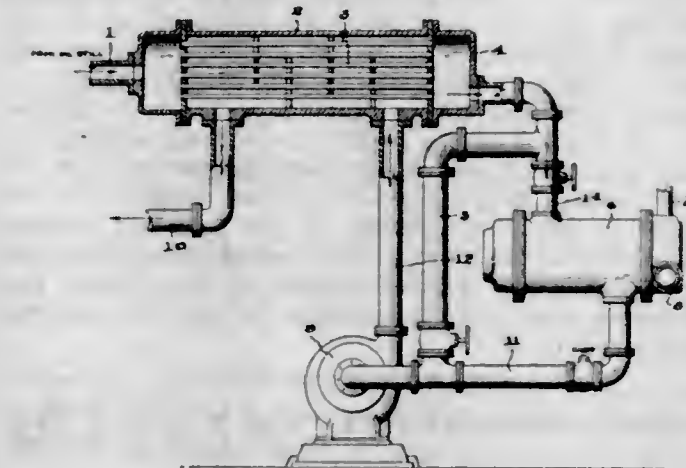
A gear puller comprising a screw for engagement with the end of a shaft, arms for engagement with a gear on the shaft, a cupped disc, a hub thereon through which the screw is threaded, a sleeve member slidable on the hub, pivotal connections between the arms and sleeve member, and projections on the inner faces of the arms straddling the opposed faces of the disc and forming slots concentrically aligned with the disc.

1,644,840. VALVE-TAPPET COMPENSATOR. ROYAL LEE, Milwaukee, Wis., assignor to Lee Engineering Research Corporation, Milwaukee, Wis., a Corporation of Wisconsin. Filed Feb. 25, 1922. Serial No. 539,150. 2 Claims. (Cl. 123—90.)



1. A valve tappet comprising a cylinder forming a tappet member, a plunger working therein and containing an oil well having check valve controlled communication with the space between the plunger and the cylinder, an adjusting screw threaded in the plunger for engaging the valve stem, a cross pin extending through the cylinder without interfering with movements of the plunger, and a spring bearing on the cross pin and the adjusting screw and tending to separate the plunger and the cylinder.

1,644,841. OIL-PUMPING SYSTEM. JAMES A. LUPFER, New York, N. Y., assignor to Worthington Pump and Machinery Corporation, New York, N. Y., a Corporation of Virginia. Filed Mar. 21, 1927. Serial No. 176,912. 4 Claims. (Cl. 103—1.)

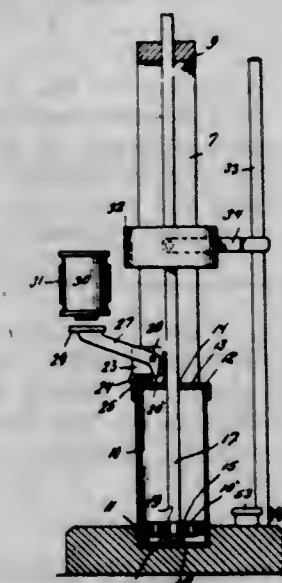


1. In an oil pumping system, the combination with a pump, of means connected between the source of oil supply to the pump and the final discharge of the pump for reducing temperature of oil flowing to the pump and raising temperature of oil discharged by the pump.

1,644,842. PROCESS FOR THE REMOVAL OF UNDESIRABLE FOREIGN FLAVORS AND ODORS FROM MILK, CREAM, AND OTHER MILK PRODUCTS. MARGARET B. MACDONALD, Knoxville, Tenn., assignor to University of Tennessee, Knoxville, Tenn., a Corporation of Tennessee. Filed Dec. 23, 1926. Serial No. 156,768. 14 Claims. (Cl. 99—11.)

7. The process of treating milk and milk products to remove foreign odors and flavors comprising the mixing of mineral oil with a liquid body of said milk or milk product and then removing the mineral oil from said liquid treated.

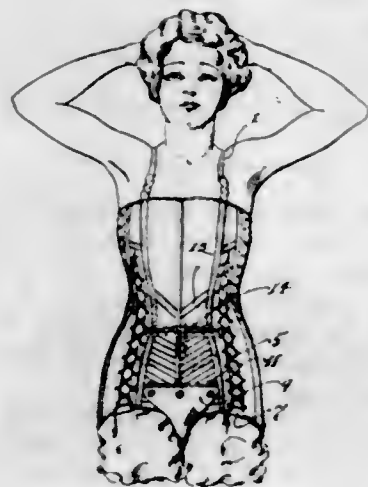
1,644,843. ELECTRIC SHOT-FIRING DEVICE. ANDREW J. MARSHALL, Harrisburg, Ill., assignor of one-half to George W. Mitchell, Harrisburg, Ill. Filed Mar. 8, 1926. Serial No. 93,284. 6 Claims. (Cl. 200—106.)



1. A device of the class described including in combination, a base, a pair of vertical rails rising from the base in spaced relation, a cross rail connecting the upper ends of the vertical rails, a plurality of spring contacts

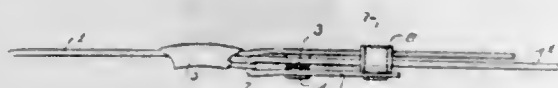
on one of the vertical rails, a conductor standard rising from the base, a dash pot cylinder on the base, a plunger in the dash pot cylinder having an opening, a plunger rod piercing the plunger and rising therefrom and piercing the cross rail, a spring plate pierced by the plunger rod, and having an opening registrable with the opening in the plunger, means for holding the rod in engagement with the plunger, and the plate adjusted as to the amount of registration of the two openings, a weight element on the rod, a contact on the weight element engageable with the spring contacts, a brush engageable with the contact on the weight element and slidably engaged with the standard, a bracket projecting from the other vertical rail, an electro-magnet mounted in the bracket, a bell crank pivoted on the dash pot cylinder and having an armature at one end associated with the electro-magnet, and a catch slidable on the cylinder, and engageable with a notch provided in the rod adjacent the plunger.

1,644,844. UNDERGARMENT. DORA S. MCNAIR, Waxahatchie, Tex. Filed Nov. 1, 1923. Serial No. 672,066. 1 Claim. (Cl. 2—30.)



In a combined corset and brassiere, a body having V-shaped adjusting slits extending downwardly from the top of the body and terminating substantially at the waistline in direct alignment with the arm-pits and at points above the bottom of the body, means for adjusting the hip portions of the body consisting of V-shaped adjusting slits disposed in front of and between the first named slits and extending upwardly from the bottom of the body and terminating at a point above the waistline and in lapping spaced relation to the first mentioned slits, means for adjusting the abdominal portion of the body consisting of a horizontally disposed slit having its ends terminating spaced from and intermediate the ends of the second mentioned slits and means whereby to retain the corset and brassiere in adjusted positions.

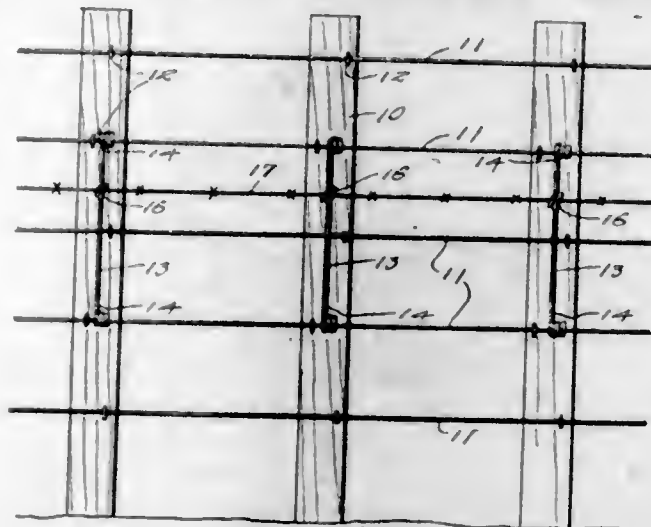
1,644,845. BELT AND LOOP FASTENER USED IN CONNECTION WITH THE SAME. EDWIN S. MIX, Rochester, N. Y., assignor to Hickok Manufacturing Company, Inc., a Corporation of New York. Filed July 1, 1926. Serial No. 119,970. 7 Claims. (Cl. 241—8.)



1. A belt having an inwardly turned end, a loop passed about the main portion of the belt, a fastening device

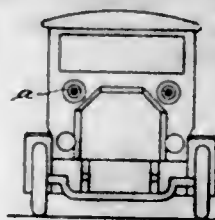
secured to both ends of the loop and provided with a central portion, and means for securing said central portion to the rear face of the main portion of the belt.

1,644,846. WIRE-FENCE GUARD. JAMES W. MORRIS, New Holland, Ohio. Filed Mar. 15, 1927. Serial No. 175,548. 1 Claim. (Cl. 256—3.)



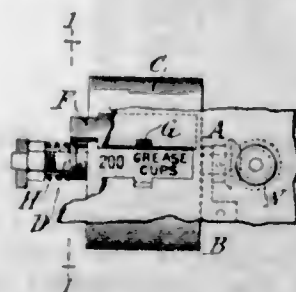
The combination with the line wires of a wire fence, of a guard wire extending longitudinally of the fence in spaced relation therefrom, and brackets for supporting the guard wire each comprising a length of wire having its ends coiled about adjacent line wires and intermediately provided with an eye receiving the guard.

1,644,847. DIRECTION INDICATOR FOR VEHICLES. AUGUST MÜLLER, Nuremberg, Germany, assignor of one-half to Karl Schleder, Nuremberg, Germany, a firm. Filed Feb. 24, 1926. Serial No. 90,433, and in Germany Sept. 22, 1925. 3 Claims. (Cl. 116—45.)



1. A direction-indicator for vehicles in which the indicating element simulates an eye and comprising a hollow sphere of transparent material simulating an eyeball, a cone with spherical base simulating the pupil and the iris adjustably mounted in said hollow sphere, and means for adjusting said cone into different positions.

1,644,848. LUBRICATION INDICATOR. EUGENE V. MYERS, East Orange, N. J. Filed Mar. 30, 1920. Serial No. 370,024. 6 Claims. (Cl. 116—115.)



4. An indicator for a device having various parts requiring attention as to lubrication, etc., in accordance with its extent of use, said indicator comprising a rotary

member having a series of indicia thereon as to the nature of the attention required at different multiples of a predetermined unit of run, means for bringing said indicia in succession in register with a sight opening, a shutter which may be operated to close said sight opening when the required attention has been rendered, said shutter and said rotary member having mutual frictional engagement tending to oppose relative movement therebetween, and means for limiting the movement of said shutter with respect to said sight opening.

1,644,849. MANUFACTURE OF ISODIBENZANTHRONES. PAUL NAWIASKY, Ludwigshafen-on-the-Rhine, and OTTO BRAUNSDORF and EDUARD HOLZAPFEL, Höchst-on-the-Main, Germany, assignors, by mesne assignments, to Grasselli Dyestuff Corporation, New York, N. Y., a Corporation of Delaware. Filed Nov. 23, 1925. Serial No. 71,022, and in Germany Mar. 5, 1925. 3 Claims. (Cl. 260—61.)

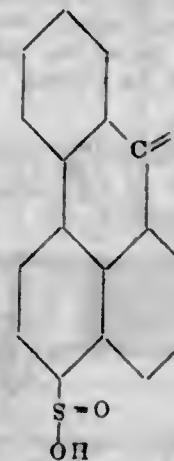
3. As a new article of manufacture, a vat coloring matter of the isodibenzanthrone series which is free of halogen and dyes from a pure blue vat pure bluish violet shades and which may be obtained by heating Bz-2-methoxy-Bz-1-Bz-1'-bensanthronyl sulfid with a mixture of caustic alkali and alcohol.

1,644,850. MANUFACTURE OF ISODIBENZANTHRONES. HEINRICH NERESHEIMER, Ludwigshafen-on-the-Rhine, Germany, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany, a Corporation of Germany. Filed Feb. 9, 1926. Serial No. 87,167, and in Germany Feb. 16, 1925. 2 Claims. (Cl. 260—61.)

2. The process of manufacturing isodibenzanthrones which consists in treating a mixture of about equimolecular proportions of a benzanthrone-Bz 1-thio-ether having a free 2-position and a benzanthrone with free 2- and Bz 1-positions with an alkaline condensing agent substantially in the absence of oxygen.

1,644,851. MANUFACTURE OF BENZANTHRONE DERIVATIVES CONTAINING SULPHUR. HEINRICH NERESHEIMER, Ludwigshafen-on-the-Rhine, and HANS EMMER, Mannheim, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany, a Corporation of Germany. Filed Feb. 9, 1926. Serial No. 87,168, and in Germany Mar. 7, 1925. 3 Claims. (Cl. 260—61.)

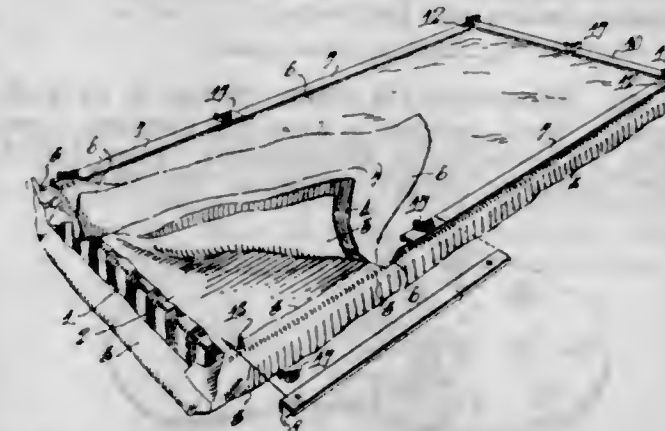
3. As new article of manufacture, Bz-1-benzanthrone sulphonic acid having the formula



1,644,852. TOURIST'S COMBINATION BED. FRED NESS, Lake Andes, S. Dak. Filed Mar. 26, 1925. Serial No. 18,520. 8 Claims. (Cl. 5—320.)

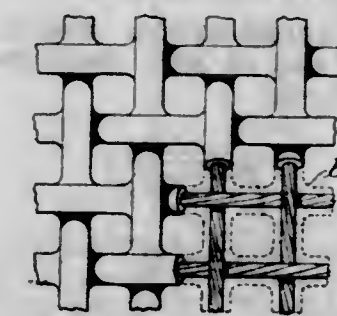
1. The combination with a mattress and the usual covering therefor, of side and foot end clamp pieces, and

bolts adapted to pass through the clamp pieces and the mattress and parts of the covering for clamping said



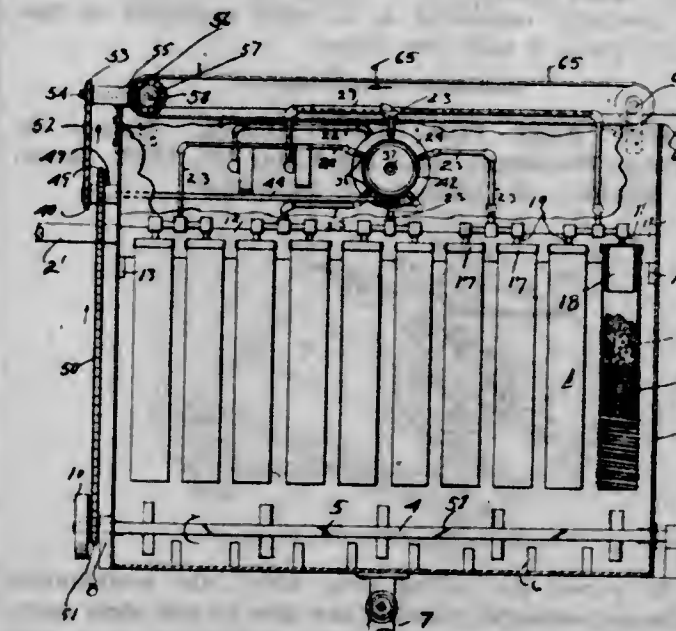
pieces to position for holding the covering to the desired position upon the mattress, said bolts having pointed top heads for piercing the mattress.

1,644,853. STORAGE-BATTERY SEPARATOR. PAUL E. NORRIS, Wilkinsburg, Pa., assignor to The Westinghouse Union Battery Company, Swissvale, Pa., a Corporation of Pennsylvania. Filed Jan. 12, 1922. Serial No. 528,678. 10 Claims. (Cl. 136—146.)



1. A storage battery separator comprising a screen provided with an exterior coating of rubber which fills only a part of each aperture between the strands of such screen.

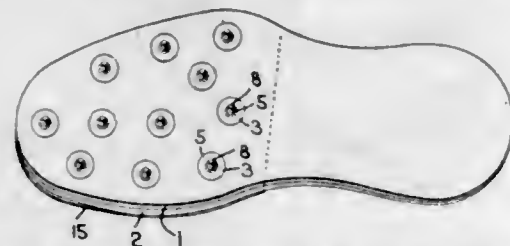
1,644,854. PULP THICKENER. EDWIN LETTS OLIVER, Oakland, Calif., assignor to Oliver Continuous Filter Company, Oakland, Calif., a Corporation of California. Filed May 11, 1926. Serial No. 108,254. 11 Claims. (Cl. 210—184.)



11. An apparatus of the class described comprising a pulp receptacle, filter units therein, each unit having a depending tube from the top thereof, a conveyor to cause

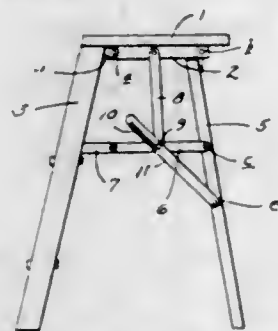
the solid material within the receptacle to be carried toward a discharge opening, and means arranged below the level of the pulp in the tank for periodically reversing the pressure within said filter units.

1,644,855. SHOE SOLE OR HEEL. LESTER E. PACKARD, Brockton, Mass., assignor to Avon Sole Company, Avon, Mass., a Corporation of Massachusetts. Filed July 2, 1927. Serial No. 200,217. 5 Claims. (Cl. 36-59.)



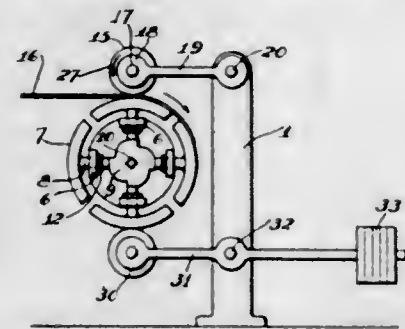
1. A shoe tread comprising a body of rubber compound and a spike insert composed of a plurality of superimposed layers of rubber compound, metal washers between and on each outermost face of said layers, and a metal spike extending centrally through said layers and washers with the outermost washers secured thereto and holding the layers compressed to a predetermined thickness with the spike point projecting, the periphery of said insert and the surrounding body being in an inseparable vulcanized union.

1,644,856. STEPLADDER STOOL. EVAN L. REED, Chicago, Ill. Filed Mar. 19, 1926. Serial No. 95,877. 3 Claims. (Cl. 228-2.)



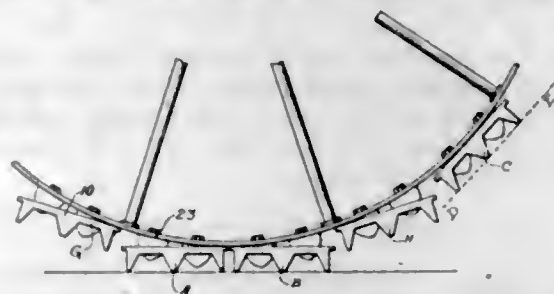
1. In a device of the class described, the combination of a seat member, a step frame pivotally connected therewith near its forward edge, a leg frame pivotally connected with said seat member near its rear edge, and a folding brace comprising a relatively long section pivoted at its outer end to the leg frame and a short section rigidly attached to the step frame, said sections being pivotally connected at a point vertically in line with the pivot of said step frame.

1,644,857. REEL FOR STRIP METAL. BARTON R. SHOYER, Pittsburgh, Pa. Filed Mar. 17, 1927. Serial No. 176,023. 8 Claims. (Cl. 242-78.)



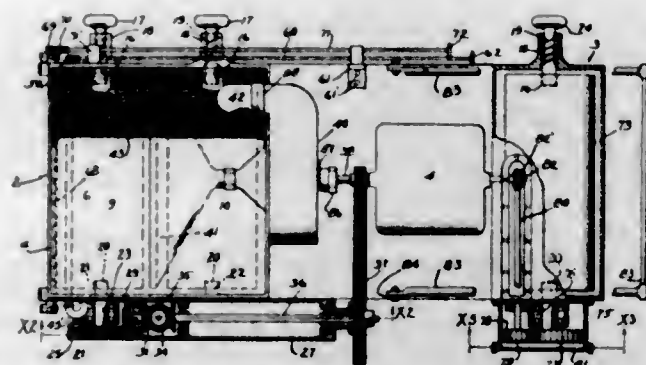
1. In a reel for coiling strip metal, the combination of a core, means for rotating the core to coil strip metal upon its periphery, and means cooperating with said core to elongate the outer fibers of the inner end of a strip of metal to cause it to conform to and be engaged by said core.

1,644,858. TRACTION WHEEL. LOUIS E. SLAUSON, Rock Island, Ill. Filed Jan. 14, 1924. Serial No. 686,048. 13 Claims. (Cl. 305-13.)



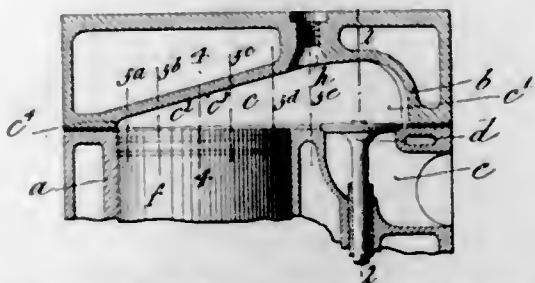
7. The combination of a rim, a pair of teeth secured thereto and circumferentially spaced apart, the working faces of said teeth being curved and converging outwardly from said rim, a traction shoe comprising a pair of longitudinal track elements connected by a plurality of transverse bars, and a curved strap secured to said teeth and loosely engaging one of said transverse bars to connect the shoe with the rim.

1,644,859. SCRUBBING MACHINE. SANBURY STRADER, Los Angeles, Calif. Filed Apr. 4, 1925. Serial No. 20,698. 2 Claims. (Cl. 15-50.)



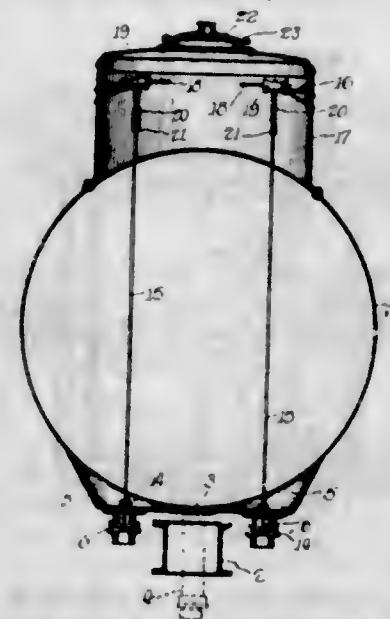
1. A scrubbing machine comprising a frame, a hood on said frame, a pair of brushes journaled in said hood, means to rotate said brushes; a nozzle between said brushes, suction means connected to said nozzle; a tank, said suction means having an outlet to said tank; means to simultaneously adjust said rollers to space said nozzle from the floor; said adjusting means comprising racks to which said rollers are secured, pinions meshing with said racks, a common shaft, said pinions being mounted on the common shaft; and means to rotate said shaft.

1,644,860. CYLINDER OF INTERNAL-COMBUSTION ENGINE. TOM THORNYCROFT, Westminster, England. Filed Feb. 18, 1926, Serial No. 89,196, and in Great Britain Apr. 25, 1925. 8 Claims. (Cl. 123-191.)



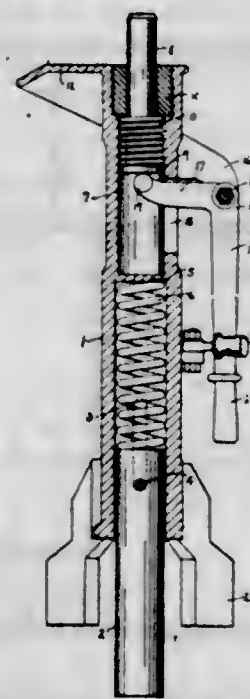
1. A combined cylinder, combustion head and working piston for an internal combustion engine, said combustion head having therein a turbulence chamber extending from a position to one side of the cylinder, where are situated fuel inlet and exhaust valves, and communicating with the interior of the cylinder through a diametrically and symmetrically arranged outlet of less width than the diameter of the cylinder and extending entirely across the diameter of the cylinder.

1,644,861. RAILWAY-TANK-CAR BOTTOM OUTLET. EDWARD GEORGE TODT, Chicago, Ill. Filed May 28, 1924. Serial No. 716,330. 5 Claims. (Cl. 105-360.)



2. In a tank car construction having a center sill for the car body and a cylindrical tank for carrying the cargo and said cylindrical tank having two embossed portions, one on each side of the center sill, embossed downward in a manner to furnish a sump adapted to drain the balance of the car into the sump in combination with a set of valves, one on each side of the center sill member and adapted to act as the outlet valves for the tank of the car.

1,644,862. MAKE-UP POST. WALTER C. TROUT, Lufkin, Tex. Filed Sept. 28, 1926. Serial No. 138,171. 11 Claims. (Cl. 255-35.)



1. A post of the character described, comprising a resiliently mounted body member, a tong engaging pin slidable in said member and means to resiliently retract said pin from tong engaging position, when desired.

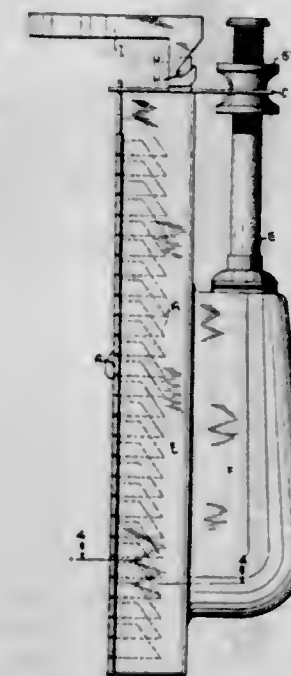
1,644,863. NECKTIE CLASP. EDWARD J. WEISBAUM, Cincinnati, Ohio. Filed Apr. 14, 1927. Serial No. 183,827. 2 Claims. (Cl. 24-49.)



1. A tie clasp having a base provided with means for its permanent mounting on a tie, said base having a

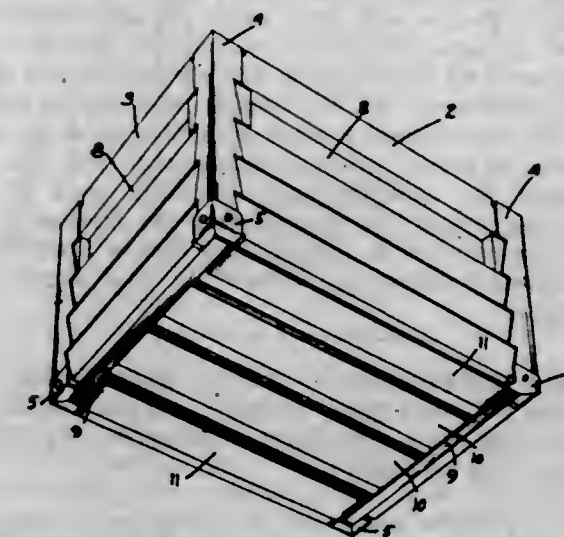
spring member extending therefrom, a clamp member fulcrumed in said spring member, and an end of said clamp member so positioned as to engage said base in closed position thereof, whereby said clamp and base may securely retain a piece of fabric therebetween.

1,644,864. BOILER-GAUGE GLASS. SYDNEY FRANK WESTON, London, England, assignor to The Babcock & Wilcox Company, Bayonne, N. J., a Corporation of New Jersey. Filed Mar. 21, 1924. Serial No. 700,502, and in Great Britain Mar. 26, 1923. 11 Claims. (Cl. 240-2.)



4. A gauge glass fitting comprising in combination, a source of artificial light, a series of spaced, inclined, elements having substantially parallel surfaces in front of said source of light which overlap to form channels and are adapted to be placed adjacent the gauge glass, means for securing said elements in place and in a fixed position with respect to said light source, and pivot means for mounting said securing means on the gauge glass fitting.

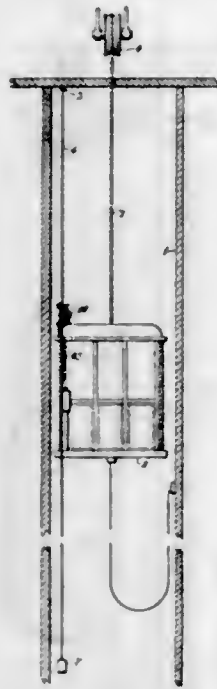
1,644,865. CRATE. CHARLES A. WOOLSEY and HENRY V. BOWMAN, Minneapolis, Minn., assignors to Northwestern Collapsible Carrier Co., St. Paul, Minn., a Corporation of Minnesota. Filed Apr. 14, 1924. Serial No. 700,314. 3 Claims. (Cl. 217-36.)



1. A crate comprising side and end walls and reinforcing means at the corners for securing said walls together, corner irons fitting the lower corners of the crate and secured to the adjacent side and end walls, bars fitting said end walls on the inside of the crate, and having ears

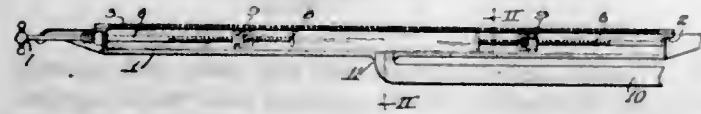
secured to said end walls through said reinforcing means and said corner irons, and a bottom having its ends inserted into said bars and supported and secured thereby.

1,644,866. ELEVATOR-POSITION INDICATOR. CYRUS W. BASSETT, Montclair, N. J., assignor to Elevator Supplies Company, Inc., Hoboken, N. J., a Corporation of New Jersey. Filed Mar. 4, 1923. Serial No. 92,316. 2 Claims. (Cl. 116—122.)



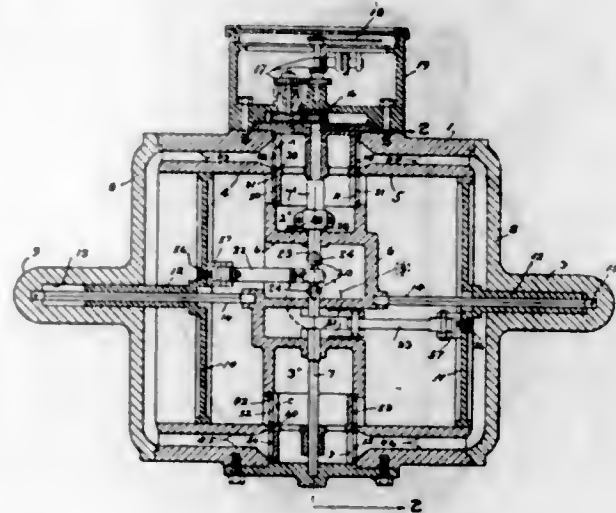
2. An indicating mechanism for use with elevators comprising a movable pointer located within the elevator, a series of characters across which said pointer is adapted to move, said characters representing floor landings, means for moving said pointer across said characters in consonance with the movement of the elevator comprising a track weighted and suspended vertically in the hatchway, a bracket mounted on the car, a triple sheave mechanism supported on said bracket consisting of a central sheave on one side of said track and two guide sheaves on the other side of said track, each pivotally mounted on an arm extending radially from a point in the approximate center of said mechanism, means for compensating for the swaying of the elevator during travel in the hatchway comprising a positioning rod secured to each of said radial arms for radially shifting the guide sheaves toward said central sheave and into proper engaging relation to said track to cause rotation of said central sheave in true synchronism with the travel of the elevator, and a spring on each positioning rod for causing said rod to exert a pull on its corresponding guide sheave to hold the latter constantly in proper driving engagement with the cable and means for independently adjusting each of said springs, and means for transmitting the motion of said central sheave to said pointer, said means comprising a speed reducing mechanism connecting said sheave with said pointer.

1,644,867. SUCTION BOX. EARL E. BERRY, Beloit, Wis., assignor to Beloit Iron Works, a Corporation of Wisconsin. Filed Oct. 28, 1926. Serial No. 144,681. 2 Claims. (Cl. 92—51.)



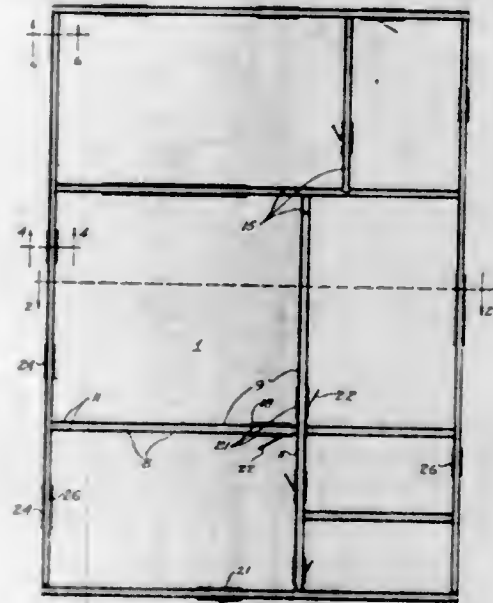
1. A suction box for paper machines and the like having a perforated top formed of compressed graphitic carbon.

1,644,868. LIQUID METER. RALPH N. BRODIE, Oakland, and ALBERT J. GRANBERG, Berkeley, Calif. Filed Oct. 25, 1926. Serial No. 143,870. 9 Claims. (Cl. 73—80.)



1. A liquid meter including a body with a cylindrical chamber therein, a piston movable within the chamber, a crank shaft rotatably supported by the body and a rod connecting the piston to the crank, means whereby the throw of the crank may be varied, valve means operated by the shaft adapted for admitting and releasing a liquid to and from the cylinder for operating said piston, and means for tallying the movements of the piston for thereby registering the liquid passing into the cylinder.

1,644,869. STEEL INTERIOR FOR HOUSES. DANIEL BRUHN, Hobart, Ind. Filed Mar. 21, 1924. Serial No. 700,762. Renewed Mar. 5, 1927. 10 Claims. (Cl. 189—1.)

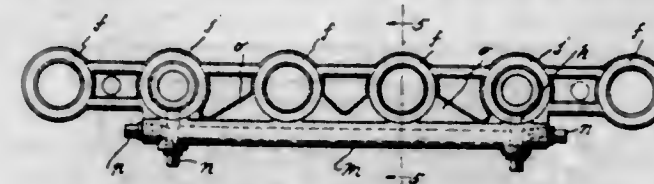


4. An interior for houses comprising a flooring, up-rights secured thereon, channel members supported on said up-rights, and hooked wall plates suspended from said channel members to form walls.

1,644,870. MANIFOLD ACCESSORY OR SUPERCHARGER. ARTHUR A. BULL, Detroit, Mich., assignor to Handy Governor Corporation, Detroit, Mich., a Corporation. Filed Apr. 9, 1924. Serial No. 705,177. 4 Claims. (Cl. 123—122.)

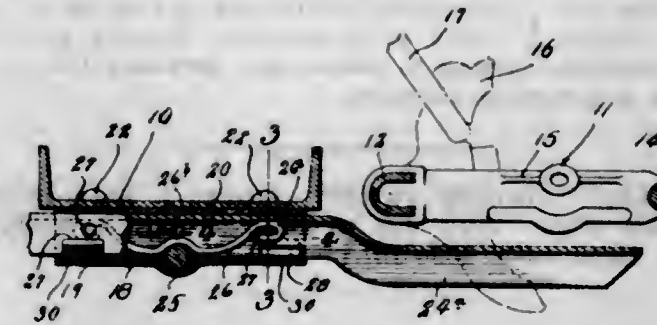
1. An accessory for attachment to an internal combustion engine, comprising a metallic body adapted to be secured between the intake and the exhaust manifold and the engine block, this body having ring portions which align with the intake and exhaust ports for the passage

of gases therethrough, means in the inlet rings for diverting the heavy particles of fuel, the body also having a chamber for collecting and vaporizing these heavy particles and having passageways therein for the passage of



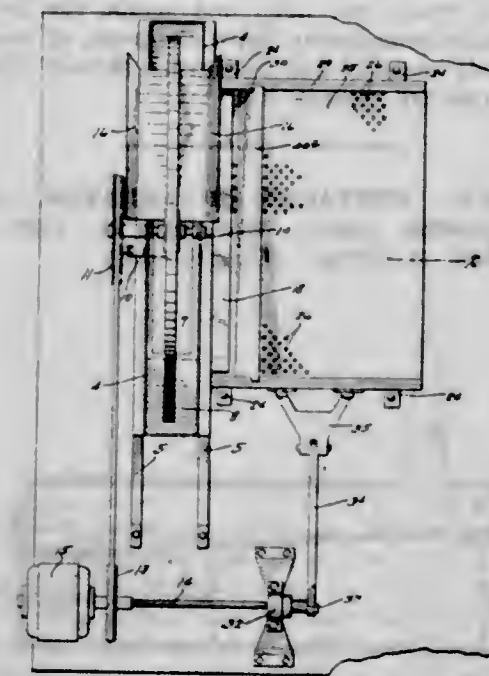
the diverted heavy particles to this chamber, the chamber being located immediately adjacent the intake port whereby the heavy particles, when vaporized, pass directly back into the intake port.

1,644,871. AUXILIARY SUPPORT AND GUARD FOR BRAKE BEAMS AND METHOD OF ASSEMBLING SAME. EDWIN G. BUSSE, Chicago, Ill., assignor to Chicago Railway Equipment Company, Chicago, Ill., a Corporation of Illinois. Filed Oct. 26, 1925. Serial No. 64,997. 15 Claims. (Cl. 188—210.)



1. In a safety guard for brake beams, a bracket open at the bottom, a brake beam safety bar insertable in said bracket from below and having laterally and outwardly projecting portions adapted to enter into interlocking engagement with said bracket.

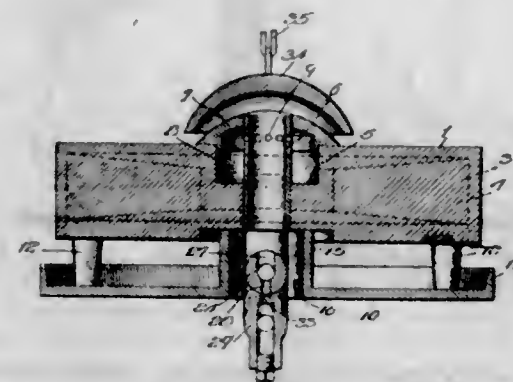
1,644,872. DOCKAGE TESTER. CLARENCE W. CARTER, Minneapolis, Minn., assignor to Carter-Mayhew Manufacturing Company, Minneapolis, Minn., a Corporation of Minnesota. Filed Mar. 15, 1926. Serial No. 94,864. 5 Claims. (Cl. 209—96.)



1. The combination with a primary separator having pockets adapted to receive certain objects and to reject other objects and to repeat over and over its cycles of

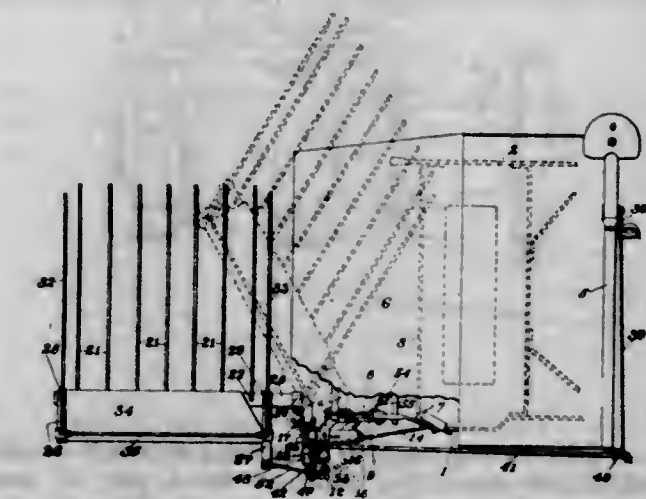
operation, of a secondary non-repeating separator having pockets adapted to receive certain objects and reject other objects, the said secondary separator being arranged to act upon the stock from which a part thereof has been removed from said primary separator and to complete the separation thereof.

1,644,873. OIL BURNER. CHARLES M. COLVIN, Wilmette, Ill. Filed Mar. 24, 1924. Serial No. 701,482. 16 Claims. (Cl. 158—56.)



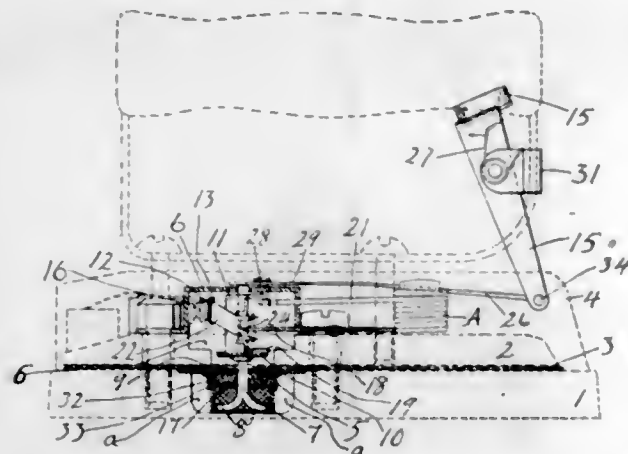
1. In a device of the kind described and in combination, a plate provided with a flange about the exterior thereof and with a central flanged opening, a burner member mounted thereon having a central opening and provided with a plurality of chambers, an oil feed pipe to one chamber and a water pipe to another chamber, said pipes extending through said plate opening, a discharge pipe from each chamber extended to below the central opening in the burner member and provided with ports arranged to discharge commingled oil and water vapors into the burner opening.

1,644,874. SHEAF CARRIER. WILBUR J. COULTAS, Moline, Ill., assignor to Deere & Company, Moline, Ill., a Corporation of Illinois. Filed Nov. 22, 1920. Serial No. 425,663. 7 Claims. (Cl. 56—480.)



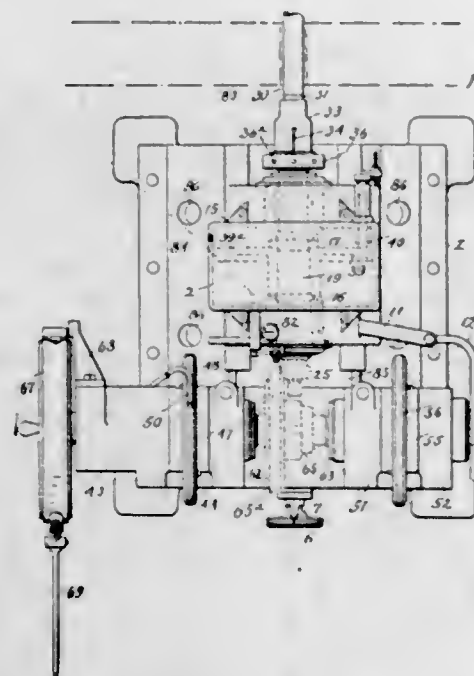
4. The combination with a harvester frame, of a bracket secured thereon, a vertically disposed supporting member pivotally mounted on said bracket and having a substantially horizontal sleeve, a crank having an arm journaled in said sleeve and a second arm parallel to the first arm and normally in the same horizontal plane, a sheaf carrier journaled on the second arm, and means operating to hold said crank from movement and the sheaf carrier in receiving position, said means operable to release said crank and sheaf carrier to move bodily downwardly and forwardly and to raise said crank and sheaf carrier back to normal position.

1,644,875. OVERTEMPERATURE CONTROL FOR ELECTRIC SADIRONS. OWEN DODGE, Colorado Springs, Colo., assignor to The Automatic Electric Control Company, Colorado Springs, Colo. Filed June 15, 1923. Serial No. 645,563. 20 Claims. (Cl. 200—124.)



1. In overtemperature controls for electric sadirons of the class described; the combination comprising a fusible-alloy overtemperature controlled switch mechanism connected to the free ends of a common power spring, said power spring being positioned within the body portion of said sadiron.

1,644,876. GEAR-TESTING MACHINE. DAVID F. DOMIZI, Cleveland, Ohio. Filed Aug. 2, 1924. Serial No. 729,667. 16 Claims. (Cl. 73—51.)

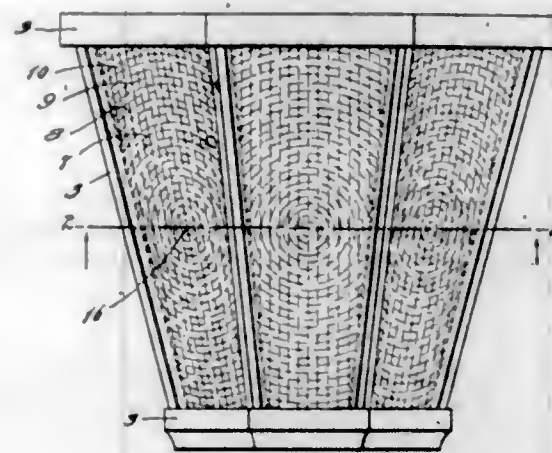


1. A gear testing machine comprising rotatable relatively adjustable supporting members for a pair of gears, means for holding said members in a position in which the gears carried thereby are in mesh, means for driving one of said members, and means adjacent the intermeshing gears for intensifying sounds produced by the gears.

1,644,877. LUMINAIRE. WILLIAM A. DOREY, Newark, Ohio, assignor, by mesne assignments, to Holophane Company, Inc., New York, N. Y., a Corporation of New York. Filed Feb. 9, 1924. Serial No. 691,583. 4 Claims. (Cl. 240—106.)

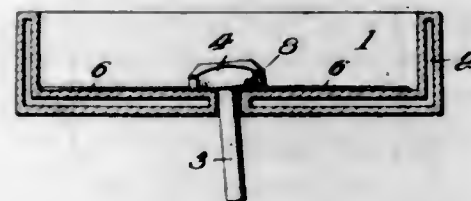
1. A luminaire comprising a light source and a concentrating lens element having on an outward surface a series of concentric corrugations the part above the com-

mon centre being adapted to transmit light rays from the source in substantially parallel directions and the part below the common centre being adapted to transmit light rays from the source in increasingly divergent di-



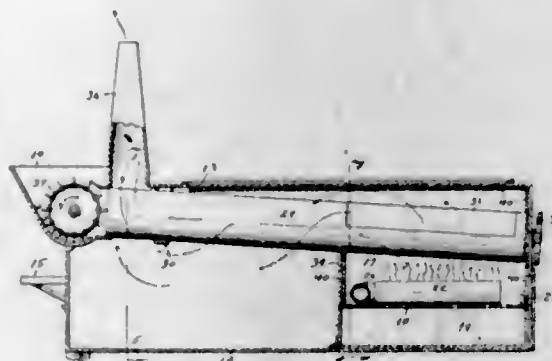
rections as the distance from the common centre increases and a cooperating construction having on an inner surface a series of substantially straight parallel corrugations adapted to diffuse and distribute the light rays in transverse directions.

1,644,878. COOKER SWEEP. SAMUEL J. ELLIS, Memphis, Tenn. Filed May 10, 1922. Serial No. 559,920. 1 Claim. (Cl. 259—107.)



In a cooker sweep mechanism, a receptacle, a central body member rotative therein, sweep arms each having a loose connection therewith providing free vertical movement of said arms at the point of connection with the body member, said arms having lower scraping surfaces operative to freely rest upon and scrape the bottom of said receptacle immediately below the point of connection with the body member and outwardly thereof when said body and arms are rotated.

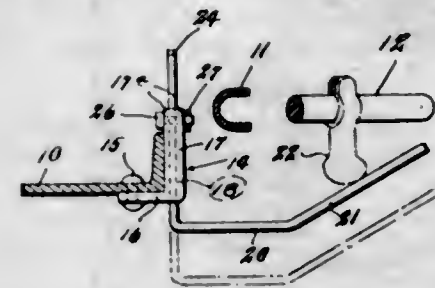
1,644,879. PORTABLE INCINERATOR. ANDREW ENGLE, Newton, Iowa. Filed June 21, 1926. Serial No. 117,349. 1 Claim. (Cl. 110—14.)



A portable incinerator, comprising a housing arranged for transportation, a fire box in one end of said housing, means for producing combustion in said fire box, a hop-

per at the other end of said housing, a plurality of tubular dryers arranged side by side in the upper portion of said housing and inclining downwardly from said hopper to the fire box and provided with discharge means to the latter, the discharge means of each dryer being staggered circumferentially relative to the discharge means of adjacent dryers, and means for rotating said tubular dryers.

1,644,880. BRAKE-BEAM-SUPPORTING MEANS. ARTHUR W. HAWKINS, Muskegon, Mich., assignor to Chicago Railway Equipment Company, Chicago, Ill., a Corporation of Illinois. Filed Aug. 21, 1925. Serial No. 51,695. 13 Claims. (Cl. 188—210.)



1. An adjustable brake beam support comprising a mounting adapted to be fixed to a spring plank and having a vertically disposed recess, and a support member provided with a track portion for engaging a brake beam and having a vertically disposed portion seated in said recess and adjustable therein to vary the position of said track member in a vertical plane.

1,644,881. SHOVEL. MARTIN HOKANSON, Duluth, Minn., assignor to Marshall-Wells Company, Duluth, Minn., a Corporation of New Jersey. Filed Aug. 20, 1923. Serial No. 658,348. 5 Claims. (Cl. 294—57.)



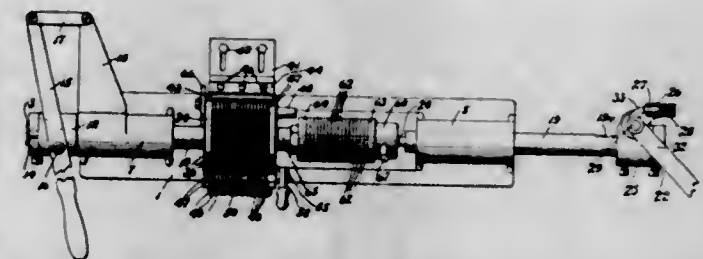
1. A shovel having a shaft or handle composed of wooden sections placed face to face, a metallic reinforcing blade between said sections, the inner faces of said sections having recesses therein and washers fitting within said recesses and seated on said metallic plate, and a rivet passing through said sections, said washers, and said blade, and having its ends upset or headed on the outer surfaces of said sections, said washers cooperating with said rivet to resist side or lateral thrust on the shovel.

1,644,882. FIRE STARTER. FRANK C. HOLMES, Houston, Tex. Filed Sept. 13, 1926. Serial No. 135,161. 1 Claim. (Cl. 44—34.)



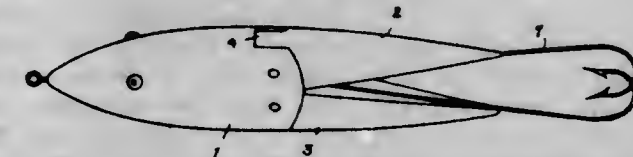
A device of the character described comprising a plurality of layers of wire reinforced asbestos, means extending through said asbestos to hold it together, and a metallic handle comprising a heavy wire extended through said layers of asbestos and bent laterally therefrom.

1,644,883. FLEXIBLE CLOSING FIXTURE FOR PISTON RINGS. CHARLES E. JOHNSON, Muskegon, Mich., assignor to The Piston Ring Company, Muskegon, Mich., a Corporation of Michigan. Filed July 27, 1925. Serial No. 46,268. 20 Claims. (Cl. 29—86.4.)



14. Means for simultaneously contracting a plurality of parted piston rings to close the partings thereof, comprising a plurality of wire loops one around each ring, and means for simultaneously contracting all of said loops.

1,644,884. FISH LURE. EDWARD P. JOHNSON, Superior, Wis. Filed Jan. 12, 1927. Serial No. 160,656. 3 Claims. (Cl. 43—36.)

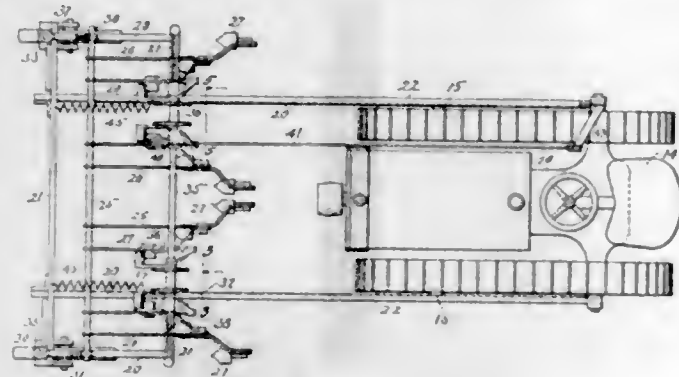


1. A lure of the class described comprising a substantially conically shaped front body portion recessed in its after end, two normally spaced tail sections, pivotally mounted within the recess of the forward body portion, means for holding the tail sections in spaced relation, said means terminating in fish hooks.

1,644,885. TRACTOR-PROPELLED IMPLEMENT. GEORGE DOUGLAS JONES, East Cleveland, Ohio, assignor to The Cleveland Tractor Company, Euclid, Ohio, a Corporation of Ohio. Filed Nov. 8, 1920. Serial No. 422,535. Renewed Apr. 22, 1927. 7 Claims. (Cl. 97—47.)

1. The combination of a tractor, an implement, said implement having a frame including a pair of beams extending rearwardly on each side of said tractor sub-

stantially the length thereof and pivotally connected at their rear ends with the tractor, means extending from said tractor and engaging said beams to prevent in-



dependent lateral movement of said implement frame relative to said tractor, and caster wheels carried by the front end of the implement frame for supporting the same.

1,644,886. STORM-SASH HOLDER. JOHN A. LEE, Benson, Minn. Filed May 5, 1926. Serial No. 106,864. 5 Claims. (Cl. 292-265.)

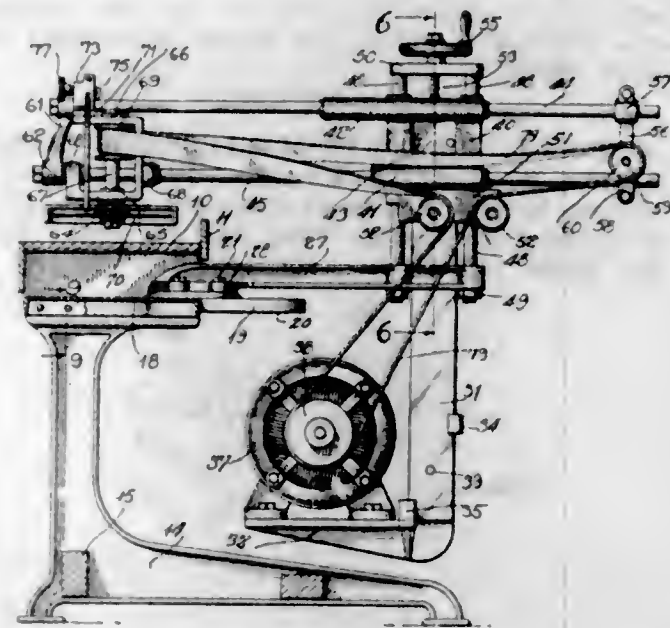


1. A swinging sash holder comprising an arcuate plate adapted to be pivotally secured at one end to the free end of a swinging sash, and a fixed keeper having an engaging portion, said plate having a plurality of spaced straight notches cut in its convex edge, the sides of each individual notch on said plate being cut to extend substantially in alignment with the sides of the engaging portion of said keeper when the sash and plate are swung so that the notch lies over the engaging portion, whereby any one of said notches may be engaged with the keeper to snugly fit the engaging portion thereof, and securely hold the sash from movement in a plurality of positions.

1,644,887. ADJUSTABLE SAWING MACHINE. ARTHUR MANSFIELD, Eureka, Kans. Filed June 18, 1925. Serial No. 38,039. 12 Claims. (Cl. 143-6.)

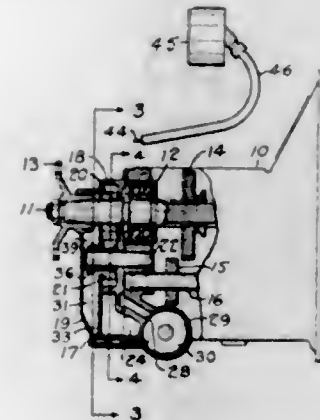
1. In a sawing machine, a reciprocating frame, a pivoted support for the frame, a member mounted upon said support for swinging movement therewith but for vertical movement independent thereof, the frame being reciprocable through said member, a pair of band wheels carried upon said last named member, means for vertically shifting said last named member upon the support, a motor operatively mounted upon the support and swung therewith, a saw mandrel mounted upon one end of the

saw supporting frame and carrying a saw, a band wheel mounted upon the saw supporting frame adjacent the end opposite the mandrel, and an endless belt passing



around the motor band wheel between the guide wheels and then passing in opposite directions around the band wheels on the saw supporting frame.

1,644,888. SPEEDOMETER-DRIVE MECHANISM. ELMER LLOYD MCINTYRE, Detroit, Mich., assignor to The Studebaker Corporation, South Bend, Ind., a Corporation of New Jersey. Filed Aug. 9, 1924. Serial No. 731,201. 3 Claims. (Cl. 74-7.)

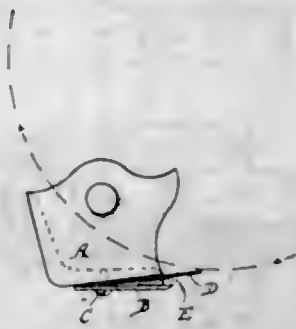


1. In a motor vehicle provided with a transmission comprising a casing and a shaft, a pump housing secured to said casing, a pump in said housing comprising a gear driven by said shaft and second gear driven by the first mentioned gear, a supplemental housing secured to said pump housing enclosing a third gear having axial connection with said second gear and held in driving relation therewith by contact with a wall of said supplemental housing, a cross shaft provided with a gear meshing with said third gear, and means for connecting said shaft with a speedometer.

1,644,889. CUTTING BLADE OF LAWN MOWER. GILBERT O'BYRNE MURPHY and DOUGLAS WENHAM, Hamilton, New Zealand. Filed June 5, 1925. Serial No. 35,068, and in New Zealand June 6, 1924. 1 Claim. (Cl. 56-294.)

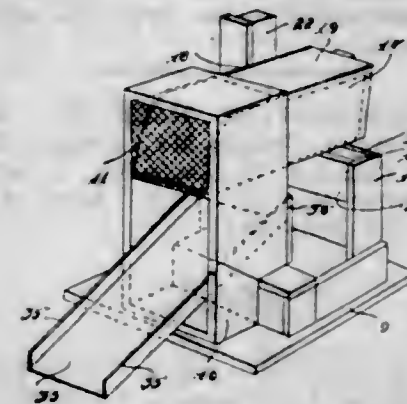
In lawn mowers, the combination with a fixed blade and a holder frame therefor of a thin flexible blade gripped at one edge between them and projecting at its other edge

beyond the fixed blade, and a strip of rubber disposed between the fixed and flexible blades, the whole being



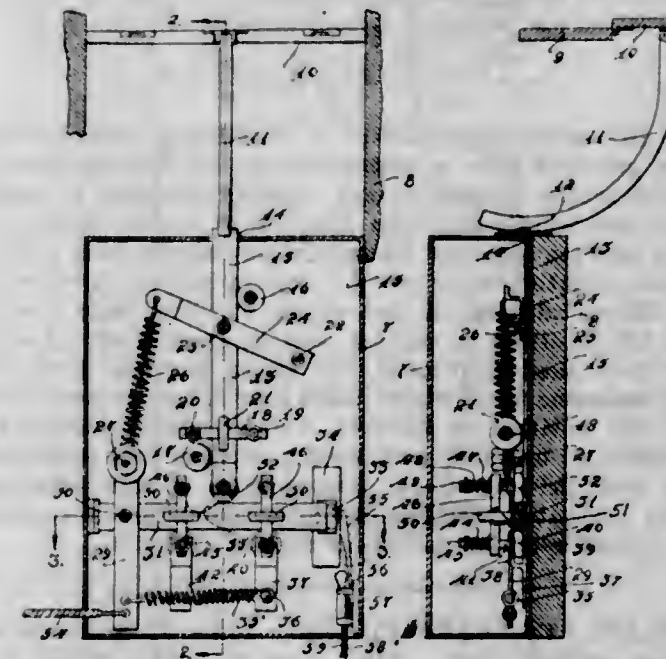
clamped together by screws passing through the fixed blade and into the holder frame, at intervals in its length, substantially as and for the purposes specified.

1,644,890. SLIDE-GAME MECHANISM. JAMES H. MYRE, Detroit, Mich. Filed Sept. 20, 1926. Serial No. 136,513. 5 Claims. (Cl. 273-102.)



1. A game mechanism of the class described comprising a support; an inclined chute extending downwardly from said support; a container swingably mounted and projecting at its forward end over the upper end of said support; and means releasable at will, for preventing swinging movement of said container, said container, upon swinging movement to its downward position, terminating with its base position above the base of said inclined chute.

1,644,891. PLATFORM RELEASE. JAMES H. MYRE, Detroit, Mich. Filed Sept. 20, 1926. Serial No. 136,514. 5 Claims. (Cl. 273-102.)

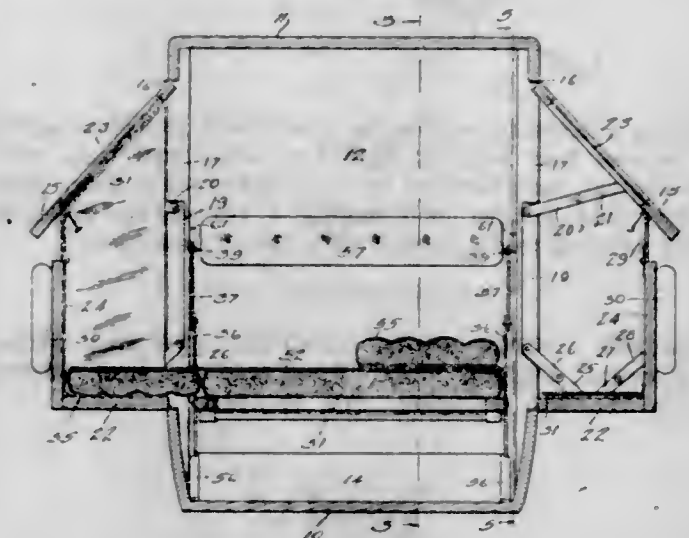


1. A device of the class described comprising a swingably mounted platform; a supporting arm on said platform; a movable member for engaging said arm and lock-

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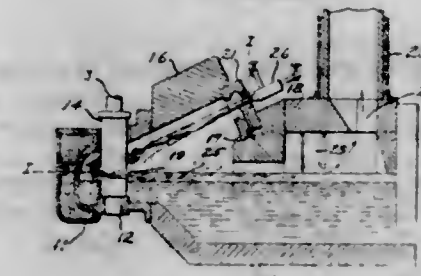
ing said platform against swingable movement; pocket bearing means for engaging said movable member and preventing movement of the same, said movable member being adapted for moving into said pocket upon movement of said pocket bearing means into a predetermined position, said platform being released for swingable movement upon movement of said movable means into said pocket.

1,644,892. VEHICLE BODY CONSTRUCTION. VICTOR A. NOBLE, Laurens, Iowa. Filed Nov. 19, 1923. Serial No. 675,546. 6 Claims. (Cl. 266-23.)



6. A vehicle body having a transverse seat and an opening in the side portion of the body of the car only opposite the end of said seat and a closure for said opening providing room beyond the side of the body of the car for a bed portion adapted to cooperate with said seat to form a bed extending transversely of the vehicle.

1,644,893. FEEDING MOLTEN GLASS. KARL E. PEILER, West Hartford, Conn., assignor to Hartford-Empire Company, Hartford, Conn., a Corporation of Delaware. Filed Sept. 1, 1925. Serial No. 53,871. 6 Claims. (Cl. 49-55.)

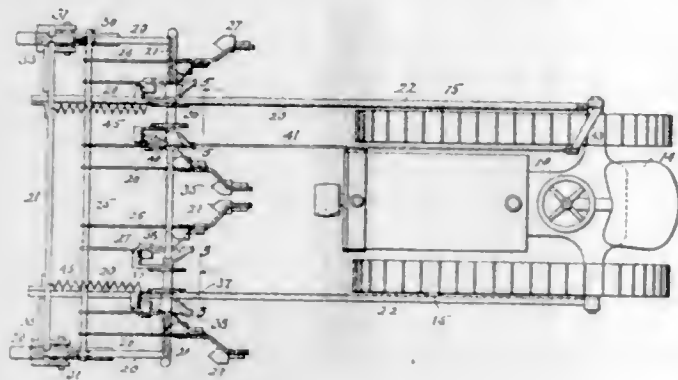


1. In heating the discharge chamber of a glass feeder having parallel side walls, a curved portion connecting the side walls and a vertical flow-controlling implement forming a heat obstruction in the forward portion of the chamber, the method that comprises projecting a heating flame forward and downwardly along a side wall of said chamber and to one side of the obstruction, circulating the flame around the forward portion of the obstruction and the curved walls and causing the flame to return to the rear of the chamber in contact with the glass.

1,644,894. LISTER PLOW. JULIUS PETERSON, Moline, Ill., assignor to Deere & Company, Moline, Ill., a Corporation of Illinois. Filed Jan. 5, 1927. Serial No. 159,030. 1 Claim. (Cl. 97-113.)

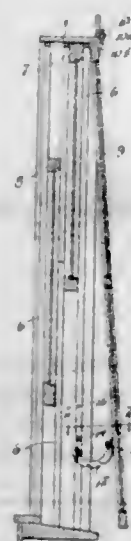
As a new article of manufacture, a frog for lister plows made of sheet metal bent at its longitudinal center and having a forward pointed termination; said frog on one

stantially the length thereof and pivotally connected at their rear ends with the tractor, means extending from said tractor and engaging said beams to prevent in-



dependent lateral movement of said implement frame relative to said tractor, and caster wheels carried by the front end of the implement frame for supporting the same.

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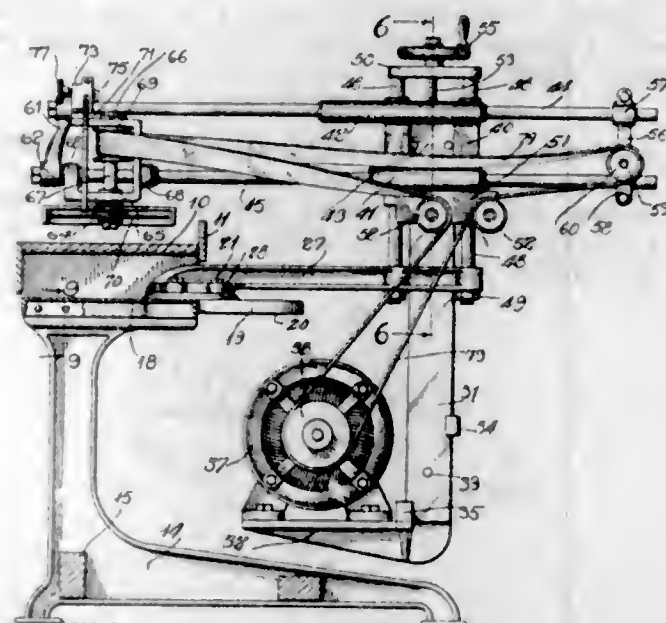


1. A swinging sash holder comprising an arcuate plate adapted to be pivotally secured at one end to the free end of a swinging sash, and a fixed keeper having an engaging portion, said plate having a plurality of spaced straight notches cut in its convex edge, the sides of each individual notch on said plate being cut to extend substantially in alignment with the sides of the engaging portion of said keeper when the sash and plate are swung so that the notch lies over the engaging portion, whereby any one of said notches may be engaged with the keeper to snugly fit the engaging portion thereof, and securely hold the sash from movement in a plurality of positions.

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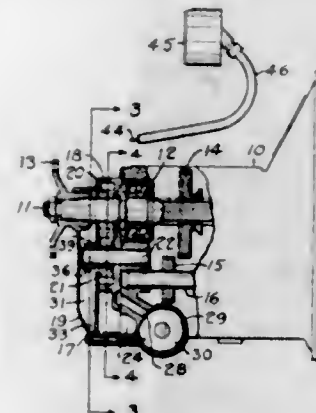
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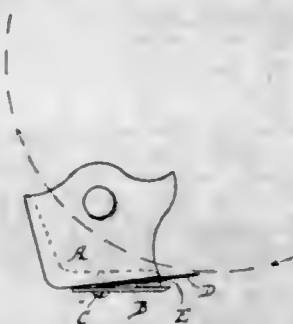


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1,644,889. CUTTING BLADE OF LAWN MOWER. GILBERT O'BRYEN MURPHY and DOUGLAS WENHAM, Hamilton, New Zealand. Filed June 5, 1925. Serial No. 35,068, and in New Zealand June 6, 1924. 1 Claim. (Cl. 56-294.)

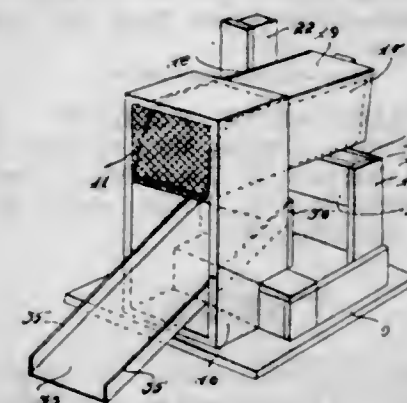
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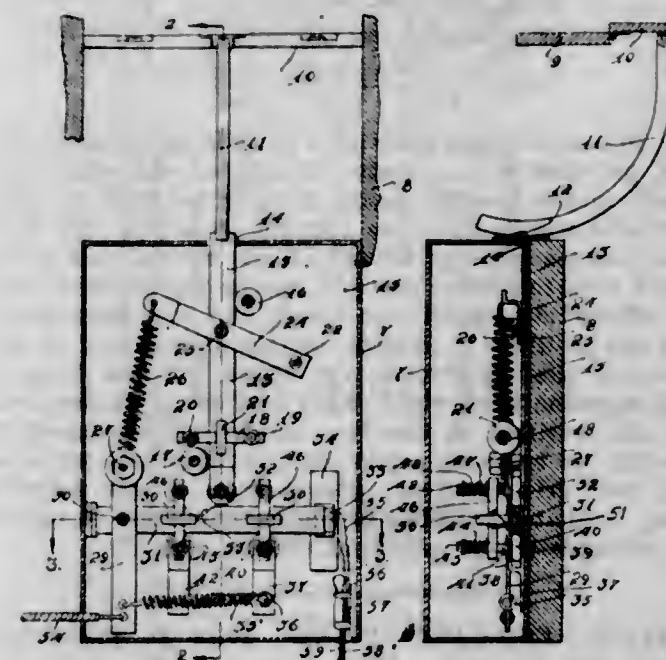
clamped together by screws passing through the fixed blade and into the holder frame, at intervals in its length, substantially as and for the purposes specified.

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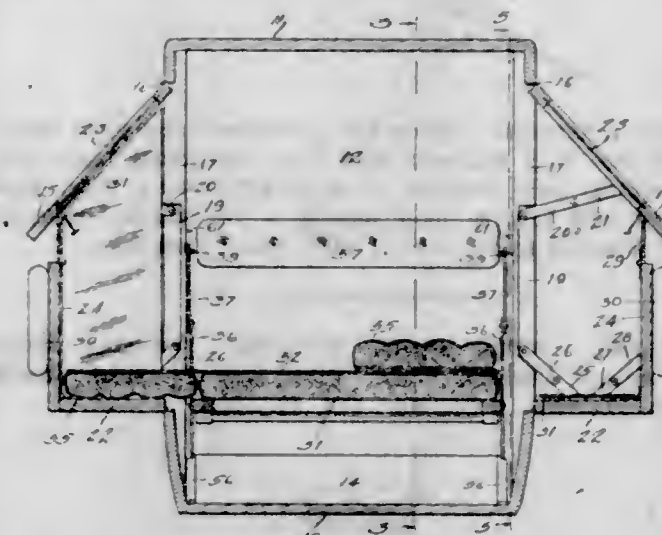


1. A device of the class described comprising a swingably mounted platform; a supporting arm on said platform; a movable member for engaging said arm and lock-

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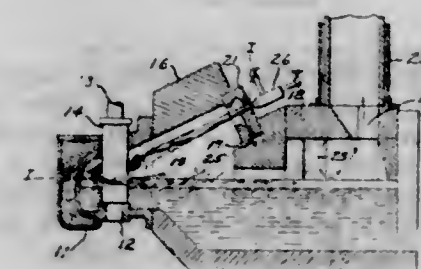
ing said platform against swingable movement; pocket bearing means for engaging said movable member and preventing movement of the same, said movable member being adapted for moving into said pocket upon movement of said pocket bearing means into a predetermined position, said platform being released for swingable movement upon movement of said movable means into said pocket.

1,644,892. VEHICLE BODY CONSTRUCTION. VICTOR A. NORLE, Laurens, Iowa. Filed Nov. 19, 1923. Serial No. 675,546. 6 Claims. (Cl. 296-23.)



6. A vehicle body having a transverse seat and an opening in the side portion of the body of the car only opposite the end of said seat and a closure for said opening providing room beyond the side of the body of the car for a bed portion adapted to cooperate with said seat to form a bed extending transversely of the vehicle.

1,644,893. FEEDING MOLTEN GLASS. KARL E. PEILNER, West Hartford, Conn., assignor to Hartford-Empire Company, Hartford, Conn., a Corporation of Delaware. Filed Sept. 1, 1925. Serial No. 53,871. 6 Claims. (Cl. 49-55.)

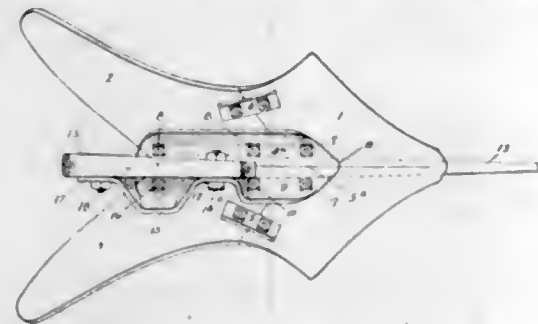


1. In heating the discharge chamber of a glass feeder having parallel side walls, a curved portion connecting the side walls and a vertical flow-controlling implement forming a heat obstruction in the forward portion of the chamber, the method that comprises projecting a heating flame forward and downwardly along a side wall of said chamber and to one side of the obstruction, circulating the flame around the forward portion of the obstruction and the curved walls and causing the flame to return to the rear of the chamber in contact with the glass.

1,644,894. LISTER PLOW. JULIUS PETERSON, Moline, Ill., assignor to Deere & Company, Moline, Ill., a Corporation of Illinois. Filed Jan. 5, 1927. Serial No. 159,030. 1 Claim. (Cl. 97-113.)

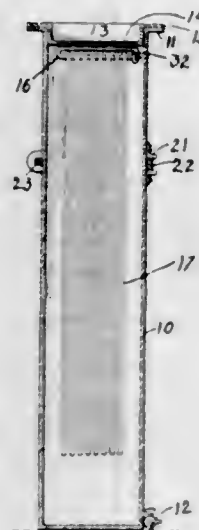
As a new article of manufacture, a frog for lister plows made of sheet metal bent at its longitudinal center and having a forward pointed termination; said frog on one

side of said center, for its entire length, adapted to conform to the underside of a lister plow body; and similarly formed forwardly for part of its length, on the opposite side of said center; a loop upset rearward of said part



having a flattened portion for attachment to a plow beam; a reverse loop adjacent said first mentioned loop, with its central part adapted to be attached to a lister plow body; said reverse loop having a rearwardly extended part adapted to be secured to a lister plow beam.

1,644,895. SEED CORN TESTER. THOMAS MILES ROBERTS, Villisca, Iowa. Filed May 24, 1926. Serial No. 111,266. 2 Claims. (Cl. 47-14.)

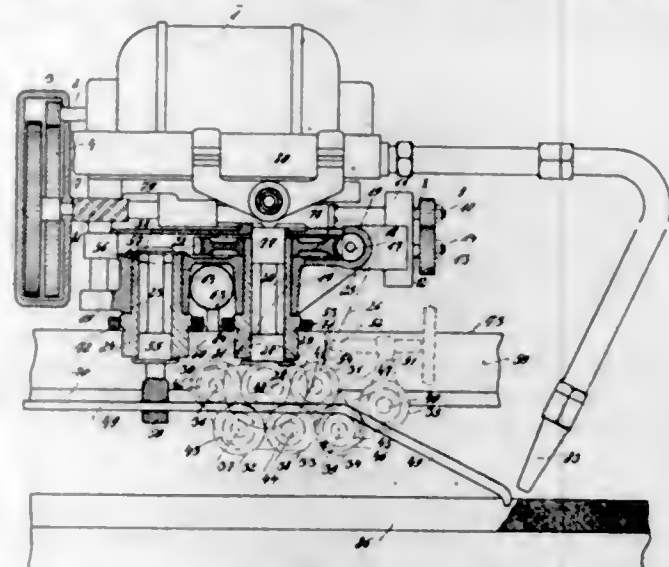


1. In a device of the class described, a casing open at its upper end, a closure member for said upper end comprising a pan with a perforated bottom, a series of supporting devices on the under side of said pan, a series of seed corn holders comprising strips of absorbent material provided with pockets, said supporting devices being adapted to support the seed corn holders.

1,644,896. AUTOGENOUS WELDING AND ELECTRODE-GUIDING MACHINE. HEINRICH BUSEKIST-SCHARNWEBER, Brühlhof-Kirchen-on-the-Sieg, Germany. Filed Jan. 8, 1926. Serial No. 80,063, and in Germany Feb. 19, 1924. 6 Claims. (Cl. 113-59.)

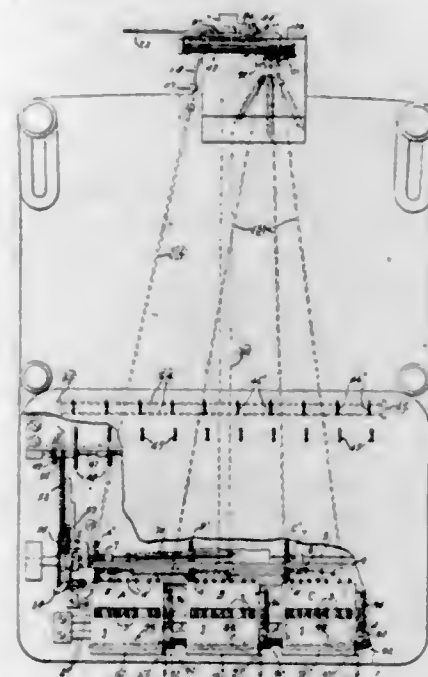
1. A machine for the welding of straight sheet-metal plates, boiler shell-rings, outer shells for vessels, shells for apparatus and pipings, and the like, comprising, in combination, an electromotor, a welding burner, means for manipulating the burner and means for holding and supplying the welding rod to the weld, a casing carrying said burner and said rod, a working stencil guiding said casing, two hollow cylinders enclosed in the casing and adapted to serve as driving and guide rolls and contacting with said stencil on one side of the same, pistons in said cylinder, a welding head, a bow guiding this head and being carried by one of said pistons, a welding wire, a bow guiding this wire and being carried by the other of said pistons, counter roll contacting with the said

stencil on the other side of the same, running rolls located at right angles with respect to said cylinders be-



tween the welding burner and the working stencil, and means for transmitting motion from the said motor to the said cylinders.

1,644,897. CALCULATING MACHINE. EDWARD C. SCHINKE, Webster Groves, Mo., assignor to The Accountograph Company, St. Louis, Mo., a Corporation of Missouri. Filed Mar. 31, 1923. Serial No. 629,214. 17 Claims. (Cl. 235-59.)

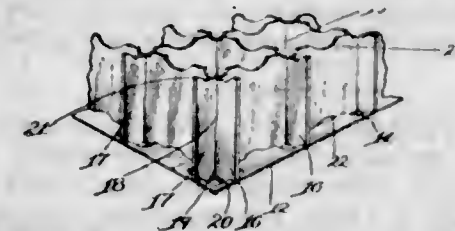


1. In a calculating machine, a plurality of accumulators each provided with a series of toothed denominational wheels and a toothed rotary actuator adapted to mesh with said wheels and also adapted to occupy idle positions between adjacent denominational wheels, each of the rotary actuators being movable step by step to mesh with its different denominational wheels and also from one of said idle positions to another, certain of the teeth of said actuators passing through the spaces between teeth of said denominational wheels when said actuators pass from one idle position to another, and selectors adapted to establish an operative relationship between said actuators and their denominational wheels, each of said selectors being associated with one of said accumulators to control the transmission of movement thereto.

1,644,898. EGG-CASE FILLER. JOHN F. SCHLOEMER, Los Angeles, Calif. Filed June 2, 1926. Serial No. 113,129. 1 Claim. (Cl. 217-26.)

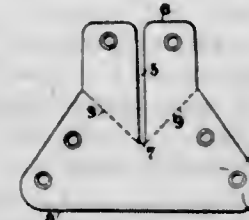
In an egg case, two parallel flats, each flat being embossed to form depressions on its upper side and pro-

jections on its lower side, and a filler formed of intersecting longitudinal and transverse partitions, the bottom edges of the partitions presenting projections adapted to enter the depressions on the upper side of the lower flat, the upper edges of the partitions being cut away to form



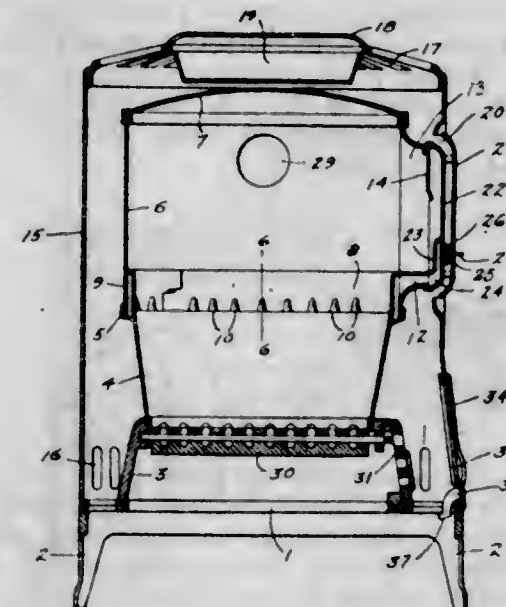
recesses adapted to receive the projections on the bottom surface of the upper flat, said depressions, projections and recesses being locked at the corners of the cells defined by the partitions, the top and bottom edges of the filler intermediate the corners of the cells being cut away to provide for ventilation.

1,644,899. BLANK FOR BRACING BRACKETS. JAMES FREDERICK SOUTHGATE, Chelmsford, England. Filed Aug. 8, 1925. Serial No. 48,984, and in Great Britain Apr. 15, 1925. 1 Claim. (Cl. 29-150.)



A metal blank for forming bracing brackets comprising an appropriate section of sheet metal having the opposing end edges in substantial parallelism with one such edge of materially greater length than the other, the side edges of the blank presenting reentrant angles one edge of each of which is connected to and disposed at right angles to the shorter of the parallel ends, the blank being divided at right angles to the parallel end edges with a line of division extending from the shorter of such end edges for a distance exceeding the length of the right angle edges of the re-entrant angle sides of the blank, whereby to provide wings including the shorter end portion of the blank adapted to be folded on lines which are inclined with respect to the parallel end edges.

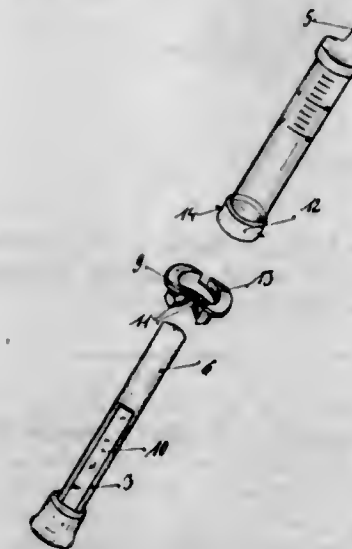
1,644,900. STOVE. ASAHEL D. SPERRY, Rock Island, Ill. Filed Apr. 27, 1925. Serial No. 26,048. 1 Claim. (Cl. 126-67.)



In a stove, a fire pot and heater chamber above the same, a ring at the upper edge of the fire pot forming

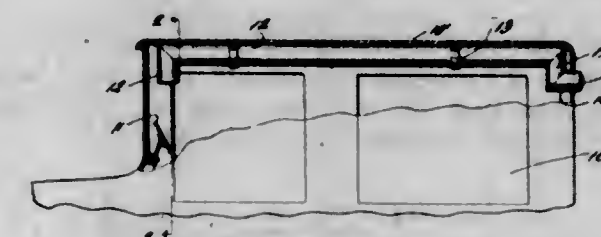
therewith an air space with discharge vents directed downwardly into the fire pot, an intake for outside air at one point in said air space, and means for regulating the passage of air through said intake.

1,644,901. SYRINGE WITH GLASS PISTON. KONRAD STIEGLITZ, Cassel, Germany. Filed May 14, 1926. Serial No. 109,192, and in Germany Mar. 1, 1926. 3 Claims. (Cl. 128-218.)



1. A syringe, comprising, in combination, a glass cylinder having a hollow pointed injection end, a plunger located in said cylinder and being formed by a cylindrical rod having at a side a plane face terminating remote from the operating end of the plunger, a braking device bearing on said plane face so as to be adapted to serve as stop for the said plunger on its outward movement, and means for connecting said spring with said cylinder.

1,644,902. OBSERVATION APPARATUS FOR VEHICLES. FREDERICK A. VOIGT, Chicago, Ill. Filed Dec. 22, 1925. Serial No. 77,070. 1 Claim. (Cl. 88-67.)

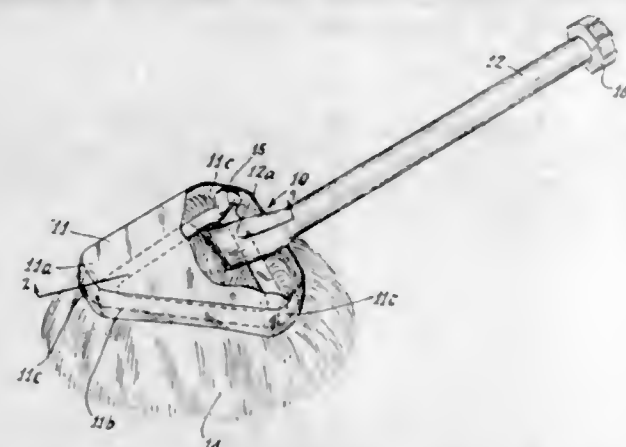


An observation apparatus comprising an adjustable mirror, a horizontally arranged tube, a downwardly directed extension at one end of the tube and arranged in spaced alignment with said mirror, a vertical tube section at the other end of the tube, a horizontal tube section extending from the lower end of said vertical section, a lens in said horizontal section, a pair of parallel spaced reflectors mounted at the point of juncture of said sections, and a third reflector arranged at the point of juncture of the extension and tube.

1,644,903. WASHING DEVICE. MAX M. WEISS, New York, N. Y., assignor of one-third to Frank J. Boehm and one-third to Benjamin Glick, Brooklyn, N. Y. Filed July 3, 1925. Serial No. 41,293. 3 Claims. (Cl. 15-127.)

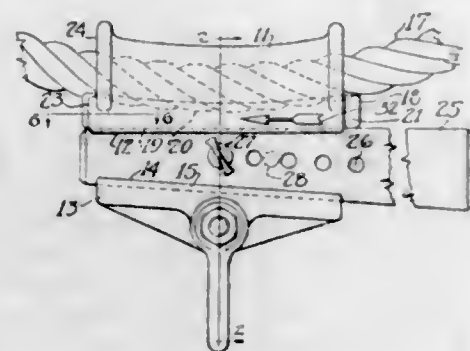
1. In a washing device of the character described including a hollow head, adapted to be connected with a wash water supply, a mop, and a member detachably

mounting the mop on the head, said member comprising a body having a central opening to permit unrestricted



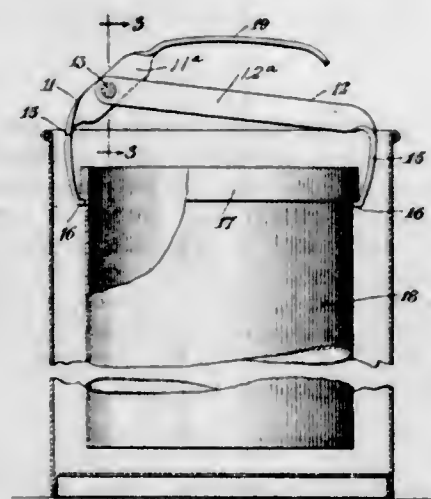
flow from said head, there being spaced perforations in said member and the wires extending therethrough for fixedly securing the mop to said member.

1,644,904. LOADING JACK. MAXWELL A. WEST, Portland, Oreg. Filed Jan. 10, 1927. Serial No. 160,085. 4 Claims. (Cl. 24—136.)



1. A loading jack consisting of a frame adapted to hook over a line; a jaw within the hook side of said frame capable of being moved toward or away from said line but having only limited endwise movement; a wedge in said frame adapted to drive said jaw against said line; and means for attaching a line to said frame.

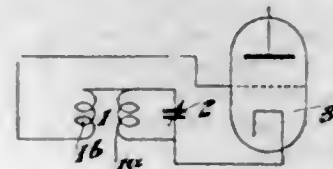
1,644,905. ICE-CREAM-CAN TONGS. SIDNEY B. WHITE-SIDE, New York, N. Y. Filed Aug. 31, 1926. Serial No. 132,735. 1 Claim. (Cl. 294—106.)



Lifting tongs for ice cream cans, comprising two levers made of substantially flat and relatively wide strip material, an intermediate portion of one of the levers having its wide, flat side extending in a substantially vertical plane, the major upper portion of the other lever hav-

ing its wide, flat side extending in a substantially vertical plane and being pivoted at its upper end to said vertically disposed intermediate portion of the first lever, the upper portion of the first lever being extended to form a lifting handle, the lower gripping ends of both levers being turned substantially ninety degrees and having their extreme ends formed into curved terminal toes for engaging under an abutment on the can to be lifted.

1,644,906. FRAME AERIAL AND THE LIKE. PETER WILLIAM WILLANS, Pattishall, Towcester, England. Filed Apr. 5, 1926. Serial No. 99,943, and in Great Britain Apr. 7, 1925. 3 Claims. (Cl. 250—33.)



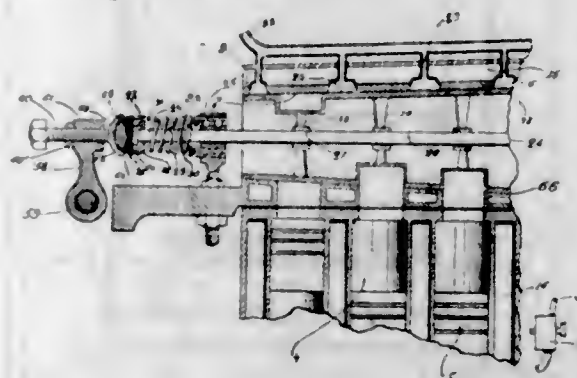
1. A frame or other closed aerial having its winding so arranged that the electromotive force induced by any signal in one part thereof opposes that induced by the same signal in another part thereof, and having only a part thereof shunted by means of a tuning condenser, the arrangement being such that signals on a wave length equal to that to which said shunted part is tuned will set up substantial voltages across the terminals of the aerial and that signals on a wave length greater than that to which said shunted part is tuned will set up no substantial voltage across said terminals.

1,644,907. INTERNAL-COMBUSTION ENGINE. VICTOR F. ZAHODIAKIN, Norwood, Ohio, assignor of one-third to John A. Scanlon, trustee, Cincinnati, Ohio. Filed Nov. 25, 1925. Serial No. 71,404. 19 Claims. (Cl. 123—190.)



1. The combination with an internal combustion engine, of a tapered rotary valve, resilient means having connections with said valve for maintaining it in its seat, and means for controlling the outward force of said resilient means depending upon the rotatable speed of said engine.

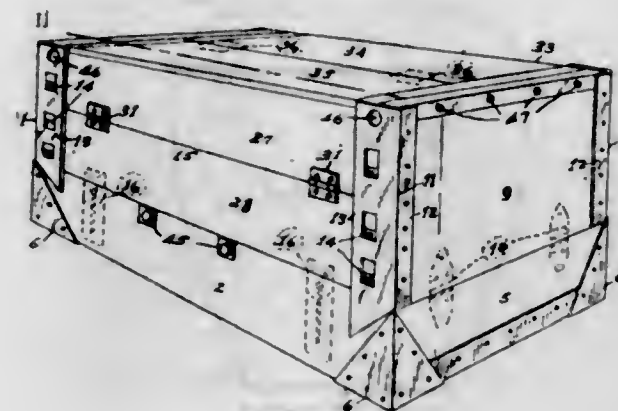
1,644,908. AUTOMATIC-ROTARY-VALVE CLEARANCE REGULATOR FOR INTERNAL-COMBUSTION ENGINES. VICTOR F. ZAHODIAKIN, Norwood, Ohio, assignor of one-third to John A. Scanlon, trustee, Cincinnati, Ohio. Filed Mar. 10, 1926. Serial No. 93,675. 10 Claims. (Cl. 123—59.)



1. In a device of the class described, a valve casing, a tapered valve rotatable in said casing, thermostatic means to maintain said valve in close proximity to the inner

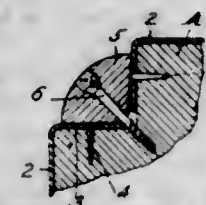
walls of said casing whereby a space is formed between said valve and said casing, a sealing element, and means to supply said sealing element into said space.

1,644,909. COLLAPSIBLE CASE. GEORGE A. BENDER, Pittsburgh, Pa. Filed Oct. 28, 1925. Serial No. 65,383. 2 Claims. (Cl. 217—15.)



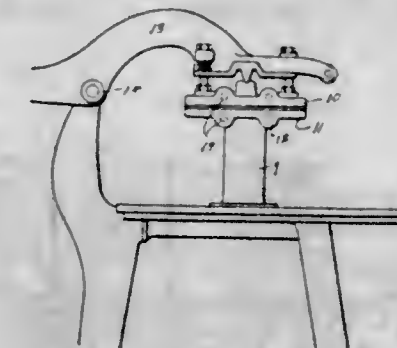
1. In combination, a collapsible case comprising a bottom, a pair of side walls, a pair of end walls, each of said pair of end walls consisting of a lower portion fixed to said bottom and of an upper portion hingedly connected to the fixed lower portion thereof, each of said pair of side walls consisting of a fixed lower portion and shiftable, foldable upper portion, a shiftable hinged connection slidably connected to the lower side wall portion and having the upper side wall portion slidably connected therewith and providing for the upward shifting of said upper portion to release it from set position and the downward shifting thereof on the lower side wall portion to permit of the upper side wall portion folding inwardly with respect to the lower portion, the upper portion of each of said side walls consisting of two sections hinged together, a cover having a shiftable hinged connection with one of said side walls, means for detachably securing the hinged portions of said end and side walls in upright position, and means for locking said cover in the closed position.

1,644,910. REFRIGERATOR. GERHARD C. BOHN, St. Paul, Minn. Filed Oct. 26, 1923. Serial No. 671,042. 5 Claims. (Cl. 20—92.)



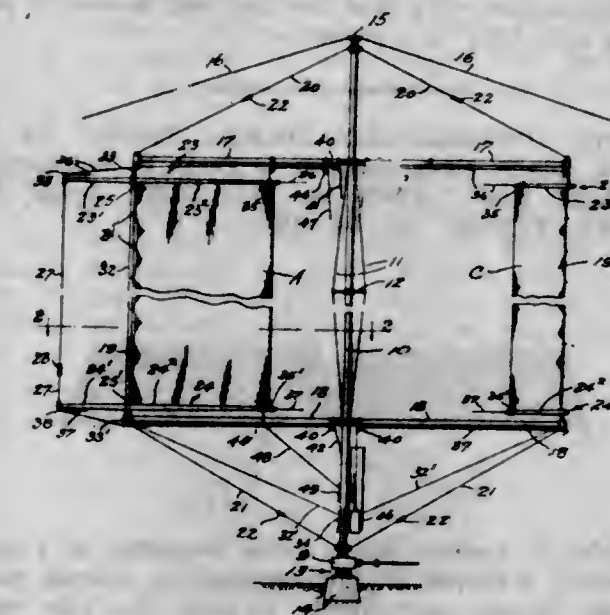
1. In a refrigerator construction of the class described, formed with corner grooves, vitreous coated sheathing plates covering the walls and top of said refrigerator, with their free edges turned into said grooves and the edges of adjacent plates spaced apart within said grooves, resilient strips positioned in said grooves and contacting with said plates, and fastening means extending through said strips and between the edges of said sheathing plates into the refrigerator framework.

1,644,911. ELECTRIC PRESS. AQUILA R. BRAUN, Syracuse, N. Y., assignor, by mesne assignments, to The Prosperity Company, Inc., Syracuse, N. Y., a Corporation of New York. Filed Mar. 25, 1924. Serial No. 701,653. 11 Claims. (Cl. 219—19.)



1. A pressing and ironing machine comprising cooperating hollow pressing members, means for electrically heating the pressing members embodying an electrical resistance suspended within the hollow pressing member, a contractible and expansible anchorage means connected to the resistance and to the pressing member to hold the resistance in suspended position, and a current feed line connected to the anchorage means.

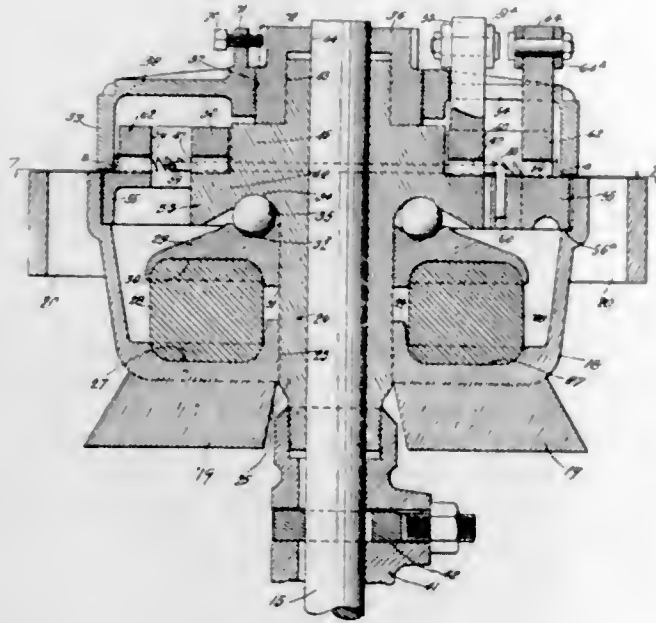
1,644,912. WINDMILL. FREDERICK R. BURCH, Seattle, Wash., assignor to Louis A. Burch, Seattle, Wash. Filed Mar. 12, 1925. Serial No. 14,894. 10 Claims. (Cl. 170—33.)



1. In a windmill, the combination with a rotatable mast having pairs of arms radiating therefrom, the arms of each pair thereof being located one above the other, of sails positioned between each pair of arms, said sails being arranged for rotary movements about axes concentric with the mast and extending vertically through the respective arms and revoluble with the latter, halyards depending from the upper of said arms for supporting the respective sails, said halyards also serving for raising and lowering the sail selectively into and out of operat-

ing positions, and means connecting the adjacent sails for mutually regulating the rotative actions thereof in their revoluble travel about the mast axis.

1,644,913. ROTATOR. LYSLE P. BURGESS and EDWARD E. STEVENSON, Los Angeles, Calif., assignors to D. & B. Pump and Supply Company, Los Angeles, Calif., a Corporation of California. Filed Jan. 19, 1924. Serial No. 687,279. 20 Claims. (Cl. 255-14.)



17. In a device of the character described, a supporting member, an annular resilient element supported by said member, a wear washer on top the resilient element, ball bearings on top the wear washer, and a rotor rotatably supported by said bearings, and means for connecting said rotor to a polish rod.

1,644,914. CONTRACTION JOINT. THOMAS DE LA MARE, Tooele, Utah, assignor to Percy F. McKendrick, Garfield, Utah. Filed Apr. 17, 1925. Serial No. 23,841. 1 Claim. (Cl. 94-18.)

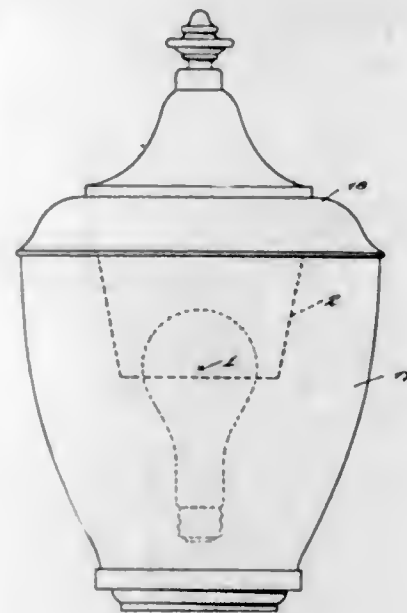


A joint in concrete construction consisting of a layer of cement; V-shaped reinforcing members, running through, having perforations through the side walls thereof and having its upper ends curved outwardly and perforated; reinforcing wires passed through the perforations in the side walls of said trough and imbedded in said cement; and other wires passed through the curved portions of said trough and imbedded in said concrete.

1,644,915. LUMINAIRE. WILLIAM A. DOREY, Newark, Ohio, assignor to Holophane Company, Inc., New York, N. Y., a Corporation of New York. Filed Nov. 16, 1925. Serial No. 69,223. 4 Claims. (Cl. 240-106.)

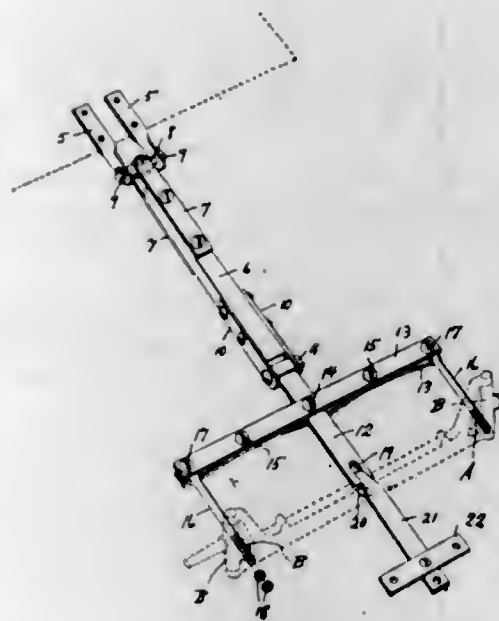
1. A luminaire comprising a light source, a ring-like refractor, and an outer transmitting envelope, the source being placed near the bottom of the ring and the re-

fractor being placed high in the envelope, the refractor having on one side means for distributing and transmitting an extreme upward light component and on the



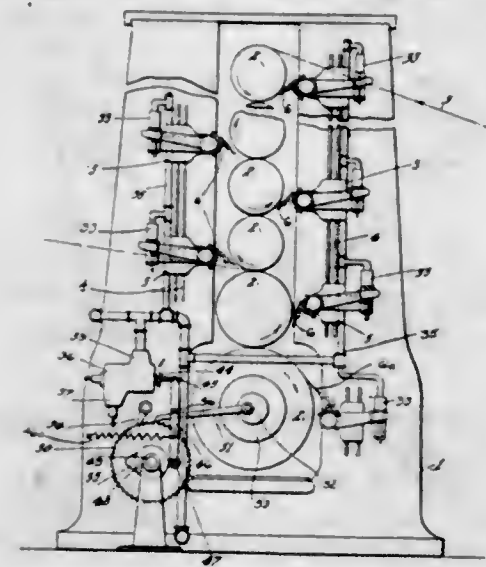
other means for distributing and transmitting a moderate upward light component adapted to produce an asymmetric light distribution.

1,644,916. TRAILER HITCH. JOHN WILLIAM ESSARY, Hamlin, Tex. Filed Oct. 6, 1926. Serial No. 139,872. 1 Claim. (Cl. 280-33.55.)



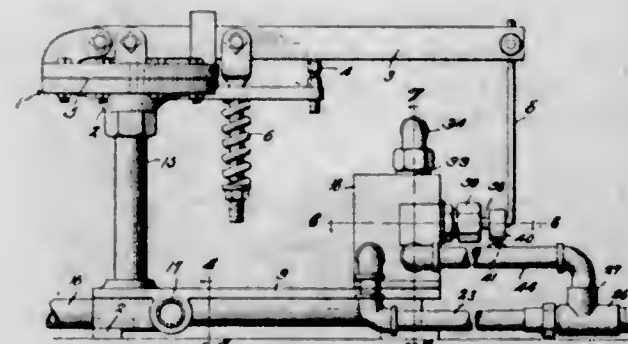
In a structure of the class described, a pair of bracket arms, a cross member located between said arms and pivotally connected thereto for rotation about a horizontal axis, a tongue, top and bottom straps connected to said tongue and extending beyond the same and connected with said cross member, side straps connected to the opposite end of the tongue, a bar pivotally connected on a horizontal axis with said side straps, additional bars extending at right angles with said first-named bar and connected at their intermediate points to the latter, and an extension carried by the first bar and provided with a cross head, and rods pivotally connected to the outer ends of the second named bars for connection to plunger knuckles.

1,644,917. DOCTOR-OPERATING MECHANISM FOR CALENDERING MACHINES. JOHN A. FROSSARD, Pepperell, and GEORGE LAMOUREUX, Worcester, Mass. Filed Apr. 8, 1926. Serial No. 100,656. 9 Claims. (Cl. 92-74.)



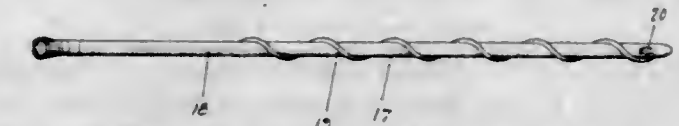
1. In a doctor mechanism for calendering machines, the combination with a plurality of calendering rolls, and a plurality of pivotally mounted doctors for said rolls, of levers connected to said doctors, individual power units for severally operating said levers, and controlling means for rendering all the power units operative or inoperative to apply the doctors.

1,644,918. OIL REGULATOR. ALEXANDER T. GARDEN, Augusta, Kans. Filed Dec. 18, 1925. Serial No. 76,264. 1 Claim. (Cl. 236-8.)



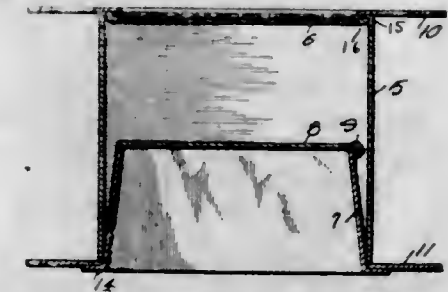
A device of the class described comprising a base, in which there is a compartment and a bore, means for supplying steam under pressure to the compartment, a separate means for supplying steam under pressure to the bore, a casing supplied with a chamber and with a passage, the casing being mounted on the base, the passage and the bore being in communication, a burner, means for conducting steam from the passage to the burner, means for supplying fuel to the chamber, means for conducting fuel from the chamber to the burner, a pressure-actuated operating mechanism mounted on the base, the compartment and the bore being connected by a bleed port which is small enough to prevent the pressure in the bore from having any appreciable effect on the pressure-actuated operating mechanism when a normal pressure exists in the compartment, the bleed port transmitting pressure to the compartment when the first-specified means is closed, a valve in the chamber and controlling the flow of fuel through the chamber, the valve being connected operatively to said pressure-actuated mechanism, and means for conducting steam from the compartment to said mechanism, thereby to operate the valve.

1,644,919. INSTRUMENT FOR TREATING URETHRITIS. OSCAR HAYES, Akron, Ohio. Filed Mar. 8, 1926. Serial No. 93,060. 4 Claims. (Cl. 128-311.)



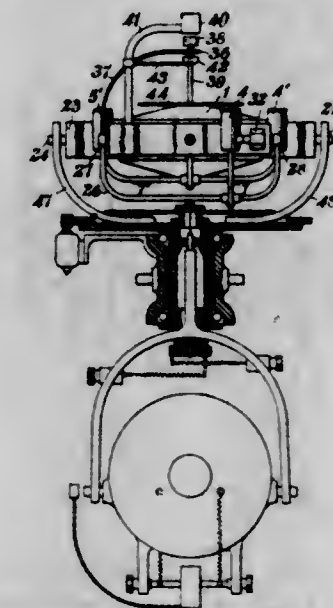
1. An instrument comprising a hollow, flexible shank of uniform diameter and imperforate throughout the body portion thereof formed with a closed entering end and having an aperture therein adjacent said end, said shank having a fixed, spiral, rounded rib of uniform height on the body portion thereof.

1,644,920. WARM-AIR LIBERATOR. HENRY C. HEINLE, Jr., Huntington Park, Calif. Filed June 25, 1925. Serial No. 39,568. 3 Claims. (Cl. 98-51.)



1. In a device of the character described, a tubular body adapted to be fitted in the opening in the wall of an inclosure, an inwardly extending flange at one end of said body having the outer surface, adjacent the inner edge thereof, in a lower plane than the adjacent edge of said body to set up a supporting ledge, a foraminous body resting upon said supporting ledge and closing the adjacent edge of the body, continuous outwardly projecting flanges on the ends of the body adapted to engage the inner and outer surfaces of the wall about the opening for securing the body in position, one of said flanges overlying the inwardly extending flange of the body and acting to maintain said foraminous body in position, and a normally closed check valve plate arranged within the body intermediate the ends thereof and adapted to swing toward said foraminous body to open to permit the passage of air through the tubular body.

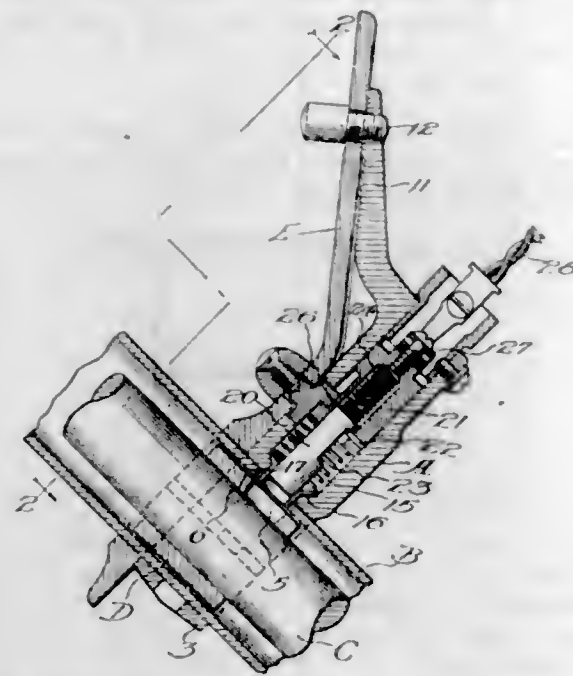
1,644,921. GYROSCOPIC INSTRUMENT AND APPARATUS. JAMES BLACKLOCK HENDERSON, Lee, England. Filed July 26, 1919. Serial No. 313,540, and in Great Britain July 21, 1917. Renewed Dec. 18, 1925. 20 Claims. (Cl. 33-204.) (Granted under the provisions of the act of Mar. 3, 1921, 41 Stat. L., 1313.)



4. A gyroscopic navigational instrument comprising a gyroscope, a universal support for said gyroscope, a

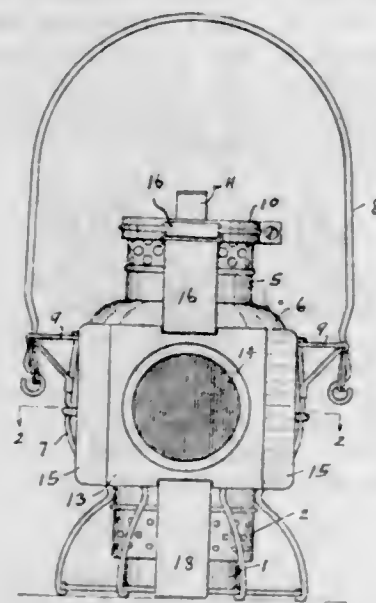
level pivotally mounted upon the gyroscope, fluid pressure means for constraining the level with respect to the gyroscope, and optical means for indicating the displacement of the level relatively to the gyroscope.

1,644,922. AUTOMOBILE LOCK. ORVILLE S. HERSHEY, Chicago, Ill., assignor to Hershey Manufacturing Company, Chicago, Ill., a Corporation of Colorado. Filed Oct. 19, 1925. Serial No. 63,462. 4 Claims. (Cl. 70-90.)



4. In combination with a tube, a housing in which is contained a locking mechanism including a bolt movable toward and from the tube adapted, when in advanced position, to project its forward end through an opening in the tube, a bushing surrounding the bolt and extended also within the tube opening to prevent relative rotation between the housing and tube, means providing a seat against which the bushing is rested, and spring means holding the bushing to its seat and adapted also to retract the locking bolt from its forward position, substantially as described.

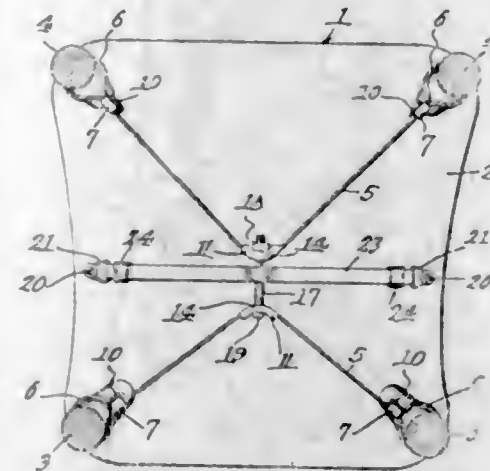
1,644,923. LANTERN. GUY F. HITCHCOCK, Houston, Tex. Filed Nov. 10, 1925. Serial No. 68,056. 7 Claims. (Cl. 240-151.)



1. A lantern having a globe and a guard surrounding said globe, a lens frame, a lens in said frame, connections for anchoring said lens frame to said guard in position to associate said lens with the lantern globe, said connec-

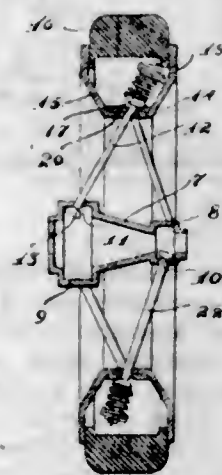
tions being flexible to permit said frame and lens to swing into inactive position above the lantern and shoulders projecting laterally from said lens.

1,644,924. CHAIR SUPPORT. FRANK E. HUNTER and HAROLD L. HOOPER, Grandview, Wash. Filed Aug. 26, 1925. Serial No. 52,668. 2 Claims. (Cl. 155-197.)



1. In a device of the class described, a chair comprising a seat and legs, inwardly extended braces having their ends joined to the legs, saddles having grooves receiving the intermediate portions of the braces, an adjustable tightening device connecting the intermediate portions of the braces, the tightening device passing through the saddles, and including a rotatable element, one saddle having a seat which holds the rotatable element of the tightening device against turning and a downwardly extended tie disposed approximately at right angles to the tightening device, the intermediate portion of the tie being engaged with the tightening device and the ends of the tie being mounted on the seat, the tie being formed of a single length of material, and each brace being formed of a single length of material.

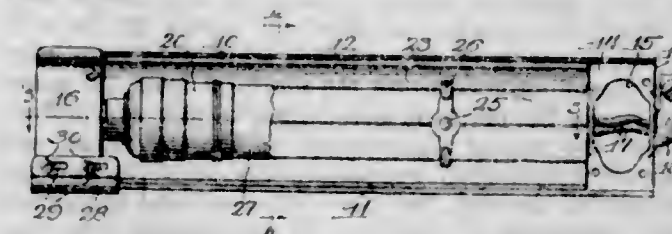
1,644,925. RESILIENT VEHICLE WHEEL. WALTER KROLL, Detroit, Mich. Filed Aug. 6, 1926. Serial No. 127,513. 3 Claims. (Cl. 152-28.)



2. A vehicle wheel of the class described comprising a tubular hub having a bulge formed adjacent each end for providing a peripheral chamber; a plurality of spokes projecting outwardly from said hub at an incline to the axis of said hub; a head fixed on each of said spokes and positioned within said chambers, each of said chambers having an enlarged opening for the projection of said spokes therefrom and permitting loose play of said spokes in said opening; a channel shaped felly forming member having a plurality of openings formed in its base for the reception of the outer end of said spokes; a plate mounted on the outer surface of the base of said felly forming member having a plurality of openings in registration with the openings in said base; the outer

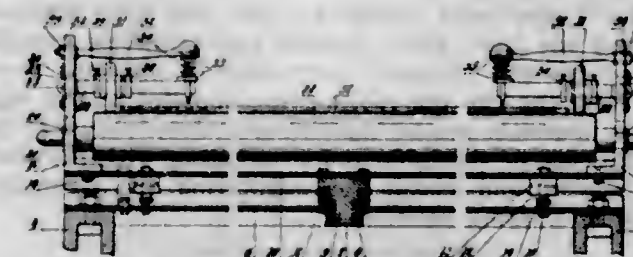
surface of said plate being countersunk at said openings to provide a substantially semi-spherical seat; a substantially semi-spherical engagement member loosely mounted on each of said spokes and engaging in said semi-spherical seat; a neck projecting outwardly from the outer face of said engagement member; a coiled spring embracing at one end said neck; a washer mounted on the outer end of said spokes for engaging the opposite end of said spring, said spokes being adapted for universal movement through said openings and said springs resisting radial movement of said felly forming member from said hub.

1,644,926. ELECTRIC-LIGHT FIXTURE. GEORGE B. KURTZON, Chicago, Ill. Filed May 27, 1926, Serial No. 111,916. Renewed June 22, 1927. 2 Claims. (Cl. 240-6.)



1. An electric light fixture comprising a casing having a fenestra and double spaced wall end closures, a bulb receiving socket mounted upon an inner wall of one of said end closures, a reflector rotatable into and out of said casing about said socket and spaced from said casing except at the respective longitudinal edges of said casing and reflector, and releasable means for securing said reflector in assembly with said casing.

1,644,927. APPARATUS FOR GUIDING FLEXIBLE BANDS OR BELTS IN MOTION. MARC LANDRAUD, Renage, France. Filed May 11, 1926. Serial No. 108,358, and in France May 19, 1925. 1 Claim. (Cl. 74-51.)

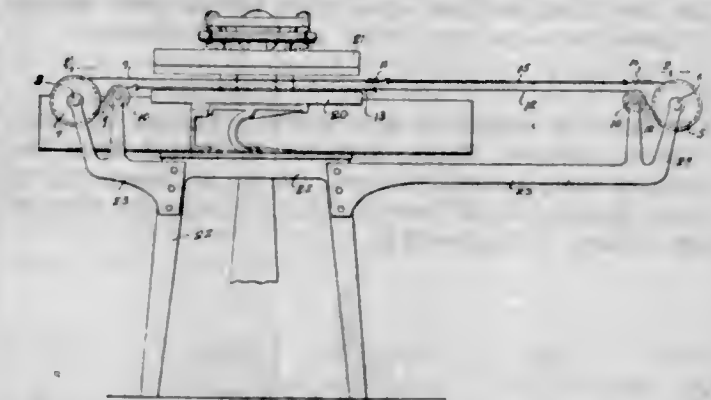


In a device of the character described, a base, a frame pivotally mounted thereupon, a main roller rotatably mounted in said frame, levers pivotally mounted in said frame above said main roller and extending inwardly over the ends thereof, rollers rotatably mounted on said levers and adapted to contact with said main roller at points near the ends thereof, arms extending inwardly from said frame above said levers and substantially the same length thereof, expansible springs positioned between the inner ends of said arms and the inner ends of said levers to maintain said rollers in contact with said main roller.

1,644,928. CONVEYER PRESS. JAMES C. LEDBETTER, Brooklyn, N. Y., assignor, by mesne assignments, to The Prosperity Company, Inc., Syracuse, N. Y., a Corporation of New York. Filed Aug. 5, 1924. Serial No. 730,132. 15 Claims. (Cl. 68-9.)

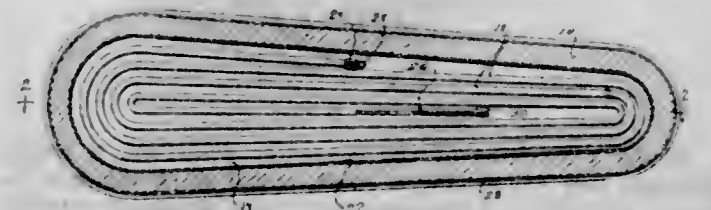
1. A machine comprising in combination, a work treating zone into which an article is conveyed for treatment, a flexible traveling member, rollers over which the member travels, a secondary set of rollers over which the

member travels and by which a portion of the traveling member is spaced from the remaining portion, a work



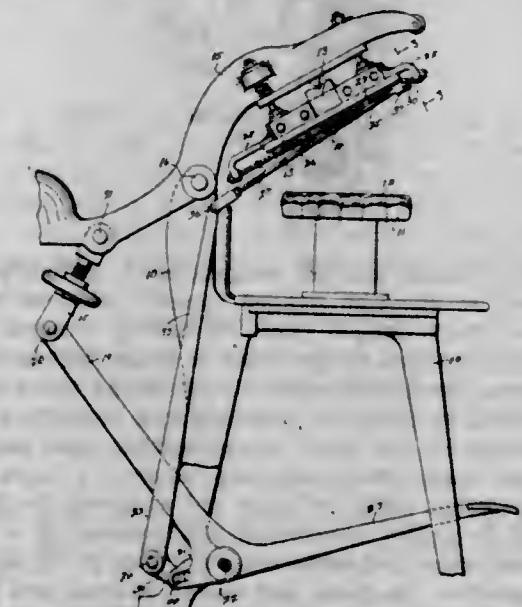
carrying device attached to and supported on each spaced portion of the traveling member and moving one over and past the other to and from the zone.

1,644,929. ELECTRIC GARMENT PRESS. JAMES C. LEDBETTER, Brooklyn, N. Y., assignor, by mesne assignments, to The Prosperity Company, Inc., Syracuse, N. Y., a Corporation of New York. Filed Aug. 8, 1924. Serial No. 730,826. 7 Claims. (Cl. 68-9.)



1. An electric pressing machine comprising in combination, cooperating pressing members, one of which is provided with a hollow steam spraying chamber and perforations leading therefrom through the pressing face of said member, a winding of electric current transmission wire disposed within said pressing member, said wire being hollow through which water is passed, electric current supply wires connected with the hollow wire, water force feed means connected to said hollow wire, and said hollow wire having a discharge opening which empties the steam therein generated into the aforesaid perforated steam spray chamber.

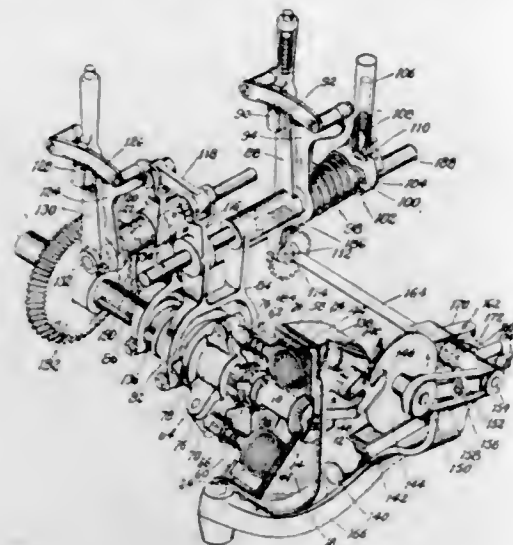
1,644,930. IRONING-PRESS BURN GUARD. JAMES CAMROD LEDBETTER, New York, N. Y., assignor to The Prosperity Company, Inc., Syracuse, N. Y., a Corporation of New York. Filed May 2, 1925. Serial No. 27,413. 11 Claims. (Cl. 74-105.)



7. An ironing press comprising in combination, cooperating ironing jaws, a curtain carried by one jaw, a cur-

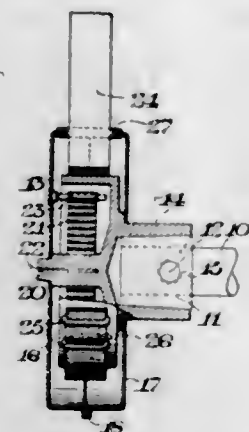
tain operating means for causing it to fold up when not in use over the jaw, press operating means to open and close the press, and means actuated by the press operating means to work the curtain operating means.

1,644,931. FINISHING MACHINE. LESTER S. MACDONALD, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Dec. 26, 1922. Serial No. 609,038. 39 Claims. (Cl. 12-77.)



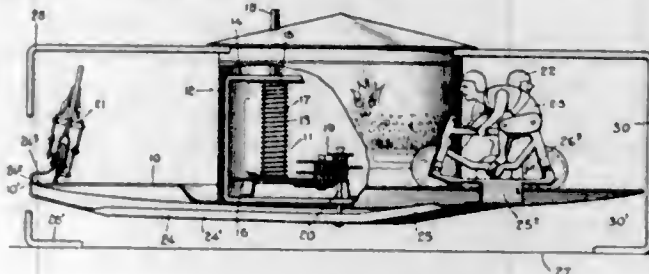
13. In a machine of the character described, a rotary finishing tool comprising a shaft, spiral work rubbing elements projecting from said shaft, the adjacent convolutions of the spiral elements being substantially in contact and arranged to shift in a direction parallel to the shaft, and means engaging one side of said rubbing elements for causing the opposite side to form a curved working surface.

1,644,932. GAS-ENGINE STARTER. PERRY E. MACK, Milwaukee, Wis., assignor, by mesne assignments, to Briggs & Stratton Corporation, Milwaukee, Wis., a Corporation of Delaware. Filed June 20, 1921. Serial No. 479,163. 8 Claims. (Cl. 123-185.)



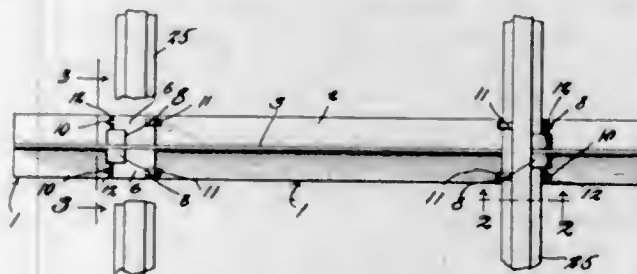
4. A gas engine starter comprising a cylindrical casing formed of disk-like flanged concave sections secured together at their flanged edges by having tongues of one bent over in notches of the other, a drum within the casing having a shouldered central stud fitting in an opening of one casing section and a shouldered projection fitting in an opening of the other casing section, said projection forming an engine-shaft-engaging member, a clock spring within the drum with its inner end anchored to the stud by fitting in a slot thereof, a pin secured to a casing section and connected with the outer end of the spring, a strap secured to the drum and wound thereon and passing out through an opening formed in the casing sections, and a tubular eyelet fitting in said opening and through which the strap passes.

1,644,933. TOY ROUNDABOUT. LOUIS MARX, Brooklyn, N. Y. Filed Apr. 10, 1925. Serial No. 22,015. 4 Claims. (Cl. 272-31.)



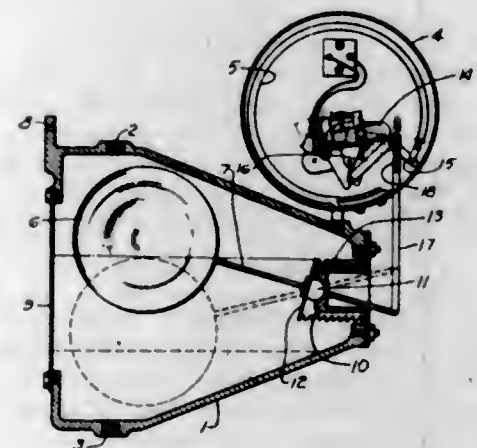
1. A mechanically operated toy comprising a circular platform having an outer free periphery or rim, a toy figure arranged to travel on said platform in a circular path or orbit spaced inwardly of the periphery or rim of the platform, a motor carried by and arranged centrally of said platform, means connecting said motor with said figure for causing the figure to travel in its orbit when the motor is in an energized state, said connecting means extending underneath the platform from the motor to the rim of the platform and then upwardly and inwardly about the rim of the platform to the toy figure, and means for suspendedly supporting the platform and the parts carried thereby, the said last mentioned supporting means comprising a plurality of arch-shaped legs connected to the upper side of said platform.

1,644,934. TIE AND FASTENING. ROBERT E. L. MAXEY, New York, N. Y. Filed Nov. 27, 1926. Serial No. 151,096. 4 Claims. (Cl. 238-69.)



4. In a device of the class described, a railroad tie of inverted T-shape and including a base and a rib upstanding from the base, tables located approximately parallel to the base and extended outwardly in opposite directions from the rib, the tables being supplied at one edge with an abutment means, tightening devices located at the opposite edge of the table and cooperating with the abutment means, and means for supporting the tightening devices in working position.

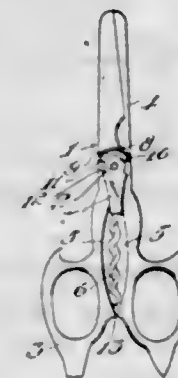
1,644,935. COMBINED PRESSURE AND FLOAT ACTUATED SWITCH. IRA E. MCCABE, Chicago, Ill. Filed Aug. 11, 1925. Serial No. 49,554. 8 Claims. (Cl. 200-84.)



1. A combined pressure and float actuated switch mechanism for steam boilers, comprising a casing communicating with the interior of the boiler above and below

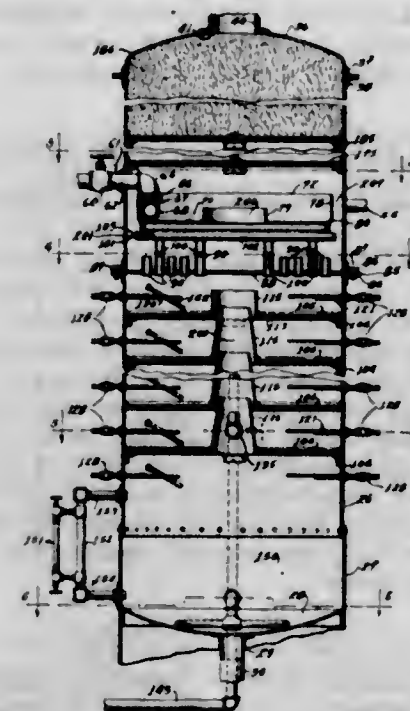
low the water line thereof, an electric switch mechanism including a mercury switch tube and operating means for throwing and holding the switch tube in open and closed positions, means communicating with the interior of the casing whereby the boiler pressure actuates such switch operating means, in combination with means within the casing whereby changes in water level in the boiler actuate the said switch operating means.

1,644,936. COLLAPSIBLE CORKSCREW. PAUL MERTENS, Newark, N. J. Filed Mar. 2, 1926. Serial No. 91,827. 3 Claims. (Cl. 65-49.)



1. A device of the character described comprising a pair of handle portions pivotally connected to swing toward and from each other, a bit having a U-shaped yoke at one end to receive said pivotally connected ends of said handle portions between its arms, said yoke being pivotally mounted upon the same pivot as said handle portions to arrange said bit between said handle portions and having the ends of its arms arcuately curved concentrically with said pivot and formed with shoulders at the ends of said curved portions, said handle portions having shoulders to automatically cooperatively engage said shoulders on said yoke as said handle portions are swung apart to center and rigidly hold said bit between said handle portions.

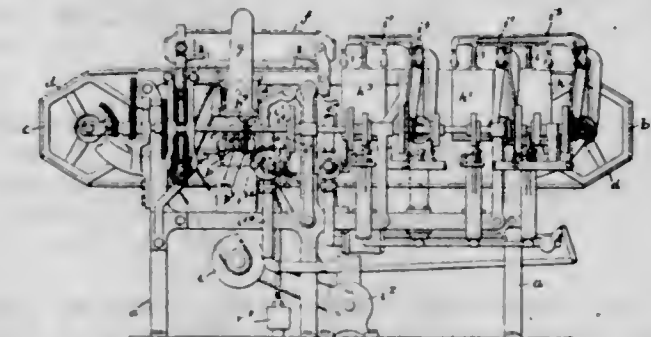
1,644,937. VAPORIZER. FRANK A. MILLIFF and JOHN A. MILLIFF, Los Angeles, Calif. Filed Jan. 11, 1926. Serial No. 80,581. 21 Claims. (Cl. 196-107.)



18. A vapor separator comprising: a shell; means for admitting hot oil into the top portion of said shell; a series of foraminous members secured in said shell; means for distributing said incoming hot oil uniformly over said foraminous members; means for maintaining

a body of residuum in the bottom of said shell below the lowest of said members; a steam pipe so placed as to inject steam into said body of residuum for heating said body of residuum; a series of sleeve members, each centrally secured to one of said foraminous members and extending upwardly therefrom into a sleeve of the next higher foraminous member; steam jets so situated as to produce an upward draft through said sleeves; a mass of metallic material having small continuous passages there-through situated above said means for admitting hot oil into the top of said shell; and means for withdrawing vapor from above said mass.

1,644,938. SHOE-TIP MACHINE. GEORGE E. MOLYNEUX, Bayonne, N. J., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Mar. 11, 1920, Serial No. 365,102. Renewed Nov. 19, 1926. 23 Claims. (Cl. 112-2.)



22. A machine for assembling and stitching together vamp and toe tip pieces having, in combination, a series of magazines for the vamp and toe tip pieces, a stitching mechanism, work carrying means movable from magazine to magazine to receive piece after piece from the magazines and present them in assembled relation to the stitching mechanism, a series of transfer devices for transferring pieces from the magazines and placing them in assembled relation on the work carrying means, and means operative during the assembling of an initial series of pieces for initiating the operation of the respective transfer devices in successive transfer cycles.

1,644,939. CAN CLOSURE. LAUNCELOT REED MORGAN, Salt Lake City, Utah. Filed Mar. 22, 1927. Serial No. 177,302. 5 Claims. (Cl. 220-24.)



1. In a milk can closure the combination of a metal strip sealed to the top of the can; means to remove said strip; coating pivoted levers secured on the under side of said top having closure plugs secured on the free ends thereof; and holes in the top of said can adapted to be closed by said plugs when said metal strip has been removed.

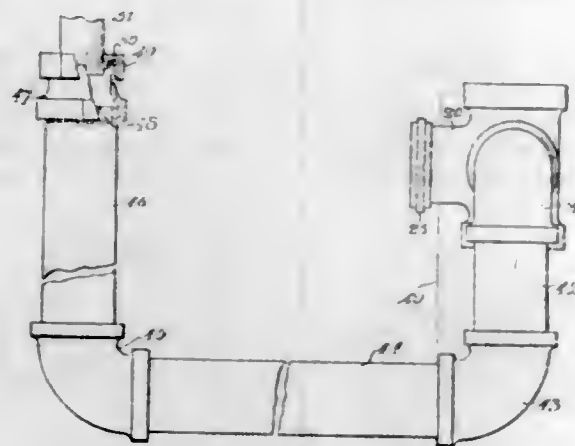
1,644,940. METHOD OF JOINING SERRATED STEEL STRUCTURAL UNITS. FREDERICK H. MOYER, Canton, Ohio. Filed Sept. 21, 1926. Serial No. 136,812. 5 Claims. (Cl. 29-155.)



1. The method of forming beams and the like, which consists in separating the solid web portion of a beam by a serrated cut, cutting one of the sections thus pro-

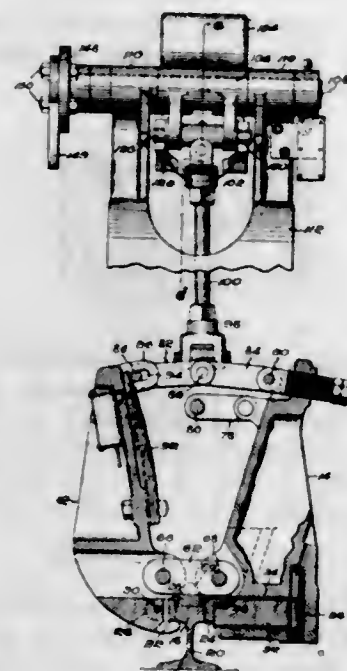
duced transversely into two parts, reversing the position of said parts, and matching the sections together to produce a beam of greater depth.

1,644,941. SANITARY-TRAP FITTING. ROBERT NICHOLAS MURPHY, Ottawa, Ontario, Canada, assignor of twenty-eight and three-fourths per cent to James S. Wilson and eleven and one-fourth per cent to Harry R. Meredith, Ottawa, Canada. Filed Mar. 24, 1925. Serial No. 17,875. 2 Claims. (Cl. 182-22.)



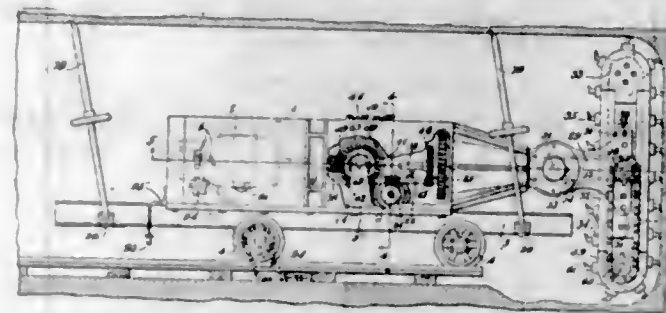
1. In a fitting of the class described, a waste outlet and a vent outlet having their axes in a straight line, a waste inlet having its axis perpendicular to said outlets, a bore with its axis perpendicular to both of said axes, said bore intended to receive in flushing means connecting with said waste inlet, waste outlet and vent, and a neck so shaped as to place the axis of the connection to said waste inlet in the same plane as the axis of said bore.

1,644,942. RAIL-CLAMPING MECHANISM. ALMON E. NOBBS, Brookline, Mass. Original application filed May 14, 1923, Serial No. 638,789. Divided and this application filed Nov. 4, 1924. Serial No. 747,875. 20 Claims. (Cl. 188-43.)



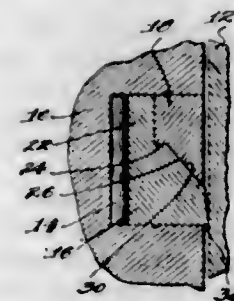
1. In a rail clamping mechanism, the combination of a pair of clamps, a rocker carried by one of said clamps and presenting a working surface which is substantially concentric with its fulcrum, and a pair of rail-engaging shoes one of which has a surface which has rolling contact with said working surface and is inclined with reference to the rail.

1,644,943. MINING MACHINE. ROBERT C. OSGOOD, Claremont, N. H., assignor to Sullivan Machinery Company, a Corporation of Massachusetts. Filed Mar. 15, 1919. Serial No. 282,951. Renewed Sept. 28, 1926. 33 Claims. (Cl. 262-7.)



1. In a mining machine, a cutter bar supported on an axis intersecting it at a point substantially midway between its ends, and cutting mechanism movable along said bar.

1,644,944. PISTON PACKING. JOHN F. PANTARD, Detroit, Mich. Filed Mar. 22, 1926. Serial No. 96,532. 10 Claims. (Cl. 74-109.)



1. In piston packing, a piston having a groove for packing, packing in said groove comprising cooperating ring sections having helical meeting faces provided with spaced-apart oppositely disposed shoulders and a vent through one of said sections from the axial face which terminates in the shoulder to the opposite axial face.

1,644,945. HEADLIGHT FOR SPRING BUMPERS. ALBERT W. PATTISON, Lockport, N. Y. Filed Oct. 9, 1925. Serial No. 61,489. 5 Claims. (Cl. 240-7.1.)

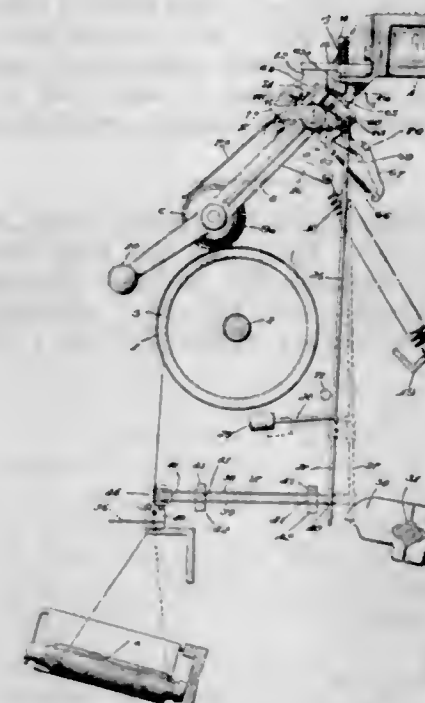


3. A combined bumper and roadlight structure comprising a pair of vertically spaced, flat, impact bars, connecting bands joining the front portions of said bars, a pair of lamp bodies inserted between the spaced front portions of the bars and formed with upper and lower grooves receiving the opposing edges of the bars therein, each of said lamp bodies being formed with an outwardly directed continuous flange having the top and bottom portions thereof lying against the front faces of said bars and the inner end portion thereof interposed between the bars and the adjacent connecting band and fastened to the latter.

1,644,946. WINDER. BURT A. PETERSON, Rockford, Ill., assignor to Barber-Colman Company, Rockford, Ill., a Corporation of Illinois. Filed Apr. 30, 1923, Serial No. 635,545. Renewed Jan. 7, 1927. 29 Claims. (Cl. 242-37.)

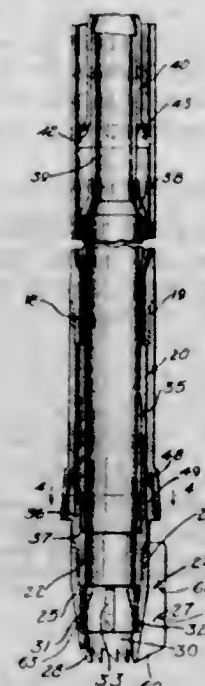
1. A winder having, in combination, a cheese arm having an extension rearwardly of its pivot, a bell crank mounted on said extension, a throw-out link pivoted to

said bell crank for swinging said bell crank in one direction, a lever pivoted on said extension, and a tension spring connecting said lever to the bell crank for moving the latter in opposition to the throw-out link, said lever



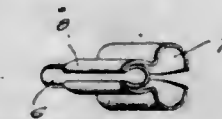
having a lug adapted to be moved into engagement with said link through the action of said spring, said cheese arm having a lug adapted to engage said lever for normally holding the first mentioned lug out of engagement with said link.

1,644,947. CORE BARREL. JOHN T. PHIPPS, Huntington Park, Calif. Filed Aug. 23, 1926. Serial No. 130,859. 4 Claims. (Cl. 255-72.)



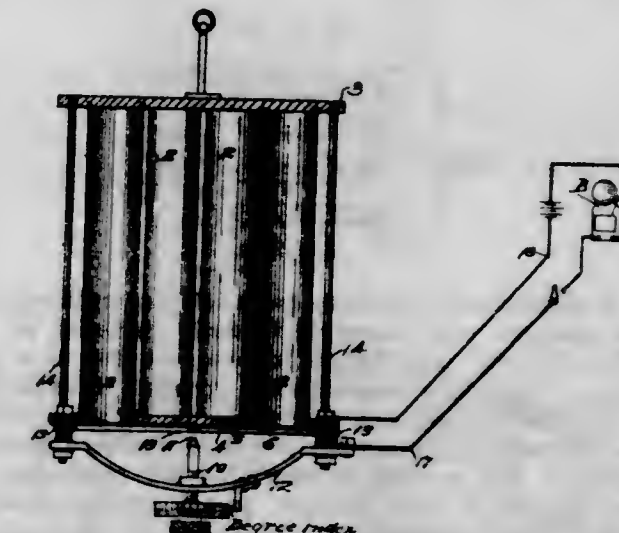
1. A core barrel comprising: a body; a boring element at the lower end of said body; a barrel supported in said body, the lower end of said barrel being open to the lower end of said body, said barrel being secured to said body at its lower end; and a vent pipe supported inside said body and in communication with the exterior of said body, said vent pipe having a socket into which the upper end of said barrel extends, said barrel being vented by said vent pipe.

1,644,948. NAIL-PUNCH HOLDER. LEON POIRIER, Tracadie, New Brunswick, Canada. Filed Jan. 21, 1927. Serial No. 162,504. 1 Claim. (Cl. 24-81.)



In a nail punch holder for hammers, a single length of sheet metal bent upon itself to provide a double jaw clasp for engagement upon the handle of the hammer, a nail punch clasp at the side of said first mentioned clasp formed by further bending the length of metal intermediate the jaws of said first mentioned clasp, and a tongue at one longitudinal edge of the length of sheet metal intermediate the ends thereof having contiguous relation with the back wall of the nail punch holder clasp for increasing the length of supporting surface for said nail punch.

1,644,949. FIRE ALARM AND DETECTOR. HENRY PRADAS, Los Angeles, Calif., assignor of one-third to Martin Kroeger and one-third to Louis Carrillo, Los Angeles, Calif. Filed Apr. 8, 1926. Serial No. 100,569. 1 Claim. (Cl. 200-140.)



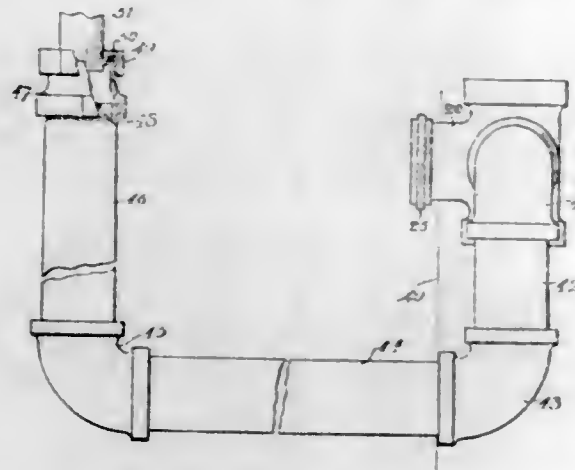
An automatic fire alarm and detector comprising an imperforate head and a perforate manifold in spaced relation, a group of parallel thin metal tubes whose upper ends are seated air tight on the bottom face of the head and whose open lower ends lie in the apertures of the manifold, a thin diaphragm lying close over the mouth of the tubes and below the manifold and forming a distensible circuit closer operative by slight expansion of air from any of the tubes, a clamp ring below the diaphragm, a set of clamp rods passing through the ring, the diaphragm and the manifold and engaging in the head, and contact bridge mounted on a pair of said rods and clamp nuts fastening the bridge, the ring, the diaphragm and manifold on said bolt rods.

1,644,950. PAPER-PERFORATING MACHINE. SIDNEY A. BAGAN, New Orleans, La. Filed Aug. 7, 1926. Serial No. 127,803. 3 Claims. (Cl. 164-113.)

1. In a paper perforating machine of the class described, a frame, a base plate on said frame over which the paper to be perforated is adapted to be passed, said base plate formed with openings, punch bars supported for vertical movement through said openings, a latch cooperative with each punch bar and extending at right angles thereto, spring means for normally moving the latch to disengage it from its complemental punch bar, a shaft, disks mounted

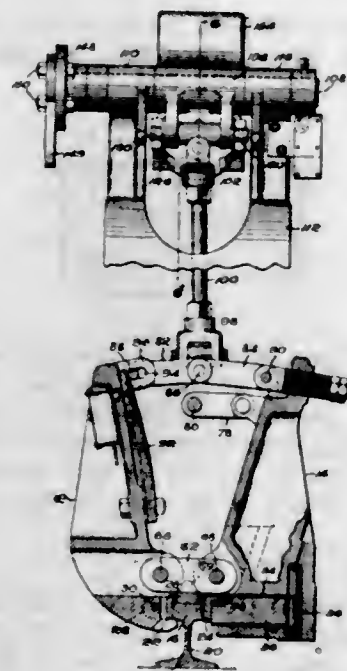
duced transversely into two parts, reversing the position of said parts, and matching the sections together to produce a beam of greater depth.

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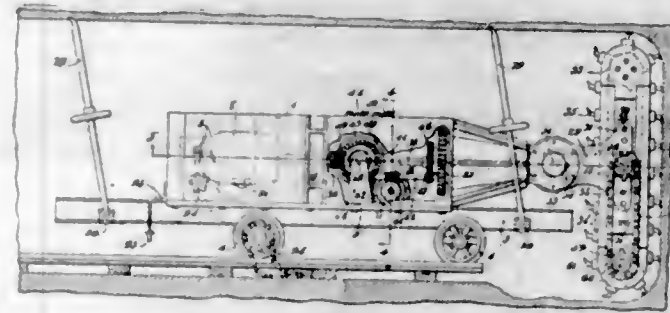
1. In a fitting of the class described, a waste outlet and a vent outlet having their axes in a straight line, a waste inlet having its axis perpendicular to said outlets, a bore with its axis perpendicular to both of said axes, said bore intended to receive in flushing means connecting with said waste inlet, waste outlet and vent, and a neck so shaped as to place the axis of the connection to said waste inlet in the same plane as the axis of said bore.

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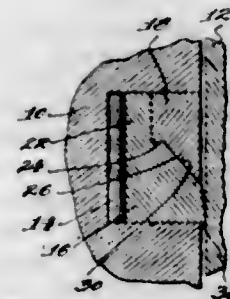
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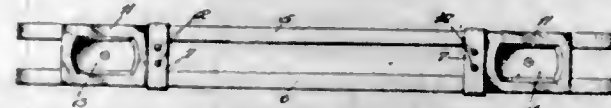
1. In a mining machine, a cutter bar supported on an axis intersecting it at a point substantially midway between its ends, and cutting mechanism movable along said bar.

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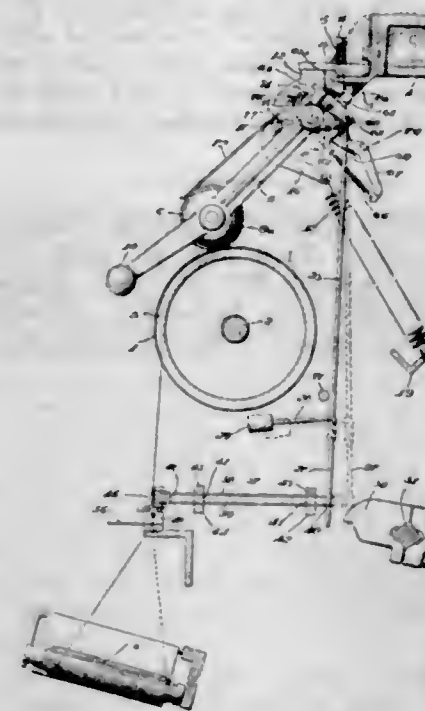


3. A combined bumper and roadlight structure comprising a pair of vertically spaced, flat, impact bars, connecting bands joining the front portions of said bars, a pair of lamp bodies inserted between the spaced front portions of the bars and formed with upper and lower grooves receiving the opposing edges of the bars therein, each of said lamp bodies being formed with an outwardly directed continuous flange having the top and bottom portions thereof lying against the front faces of said bars and the inner end portion thereof interposed between the bars and the adjacent connecting band and fastened to the latter.

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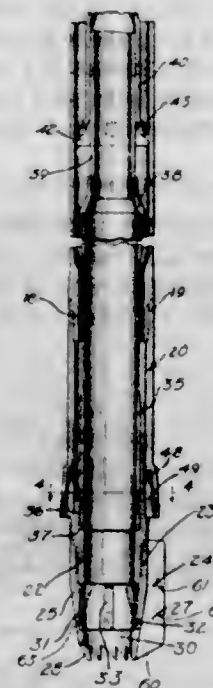
1. A winder having, in combination, a cheese arm having an extension rearwardly of its pivot, a bell crank mounted on said extension, a throw-out link pivoted to

said bell crank for swinging said bell crank in one direction, a lever pivoted on said extension, and a tension spring connecting said lever to the bell crank for moving the latter in opposition to the throw-out link, said lever



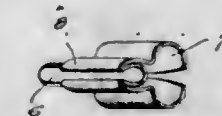
having a lug adapted to be moved into engagement with said link through the action of said spring, said cheese arm having a lug adapted to engage said lever for normally holding the first mentioned lug out of engagement with said link.

1,644,947. CORE BARREL. JOHN T. PHIPPS, Huntington Park, Calif. Filed Aug. 23, 1926. Serial No. 130,859. 4 Claims. (Cl. 255-72.)



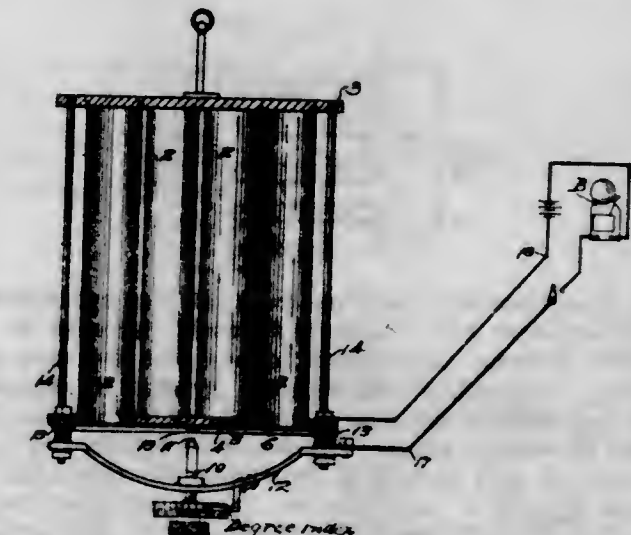
1. A core barrel comprising: a body; a boring element at the lower end of said body; a barrel supported in said body, the lower end of said barrel being open to the lower end of said body, said barrel being secured to said body at its lower end; and a vent pipe supported inside said body and in communication with the exterior of said body, said vent pipe having a socket into which the upper end of said barrel extends, said barrel being vented by said vent pipe.

1,644,948. NAIL-PUNCH HOLDER. LEON POIRIER, Tracadie, New Brunswick, Canada. Filed Jan. 21, 1927. Serial No. 162,504. 1 Claim. (Cl. 24-81.)



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1,644,949. FIRE ALARM AND DETECTOR. HENRY PRADAS, Los Angeles, Calif., assignor of one-third to Martin Kroeger and one-third to Louis Carrillo, Los Angeles, Calif. Filed Apr. 8, 1926. Serial No. 100,569. 1 Claim. (Cl. 200-140.)

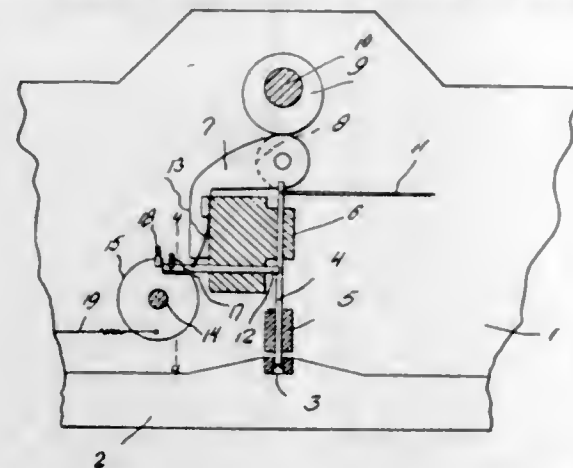


An automatic fire alarm and detector comprising an imperforate head and a perforate manifold in spaced relation, a group of parallel thin metal tubes whose upper ends are seated air tight on the bottom face of the head and whose open lower ends lie in the apertures of the manifold, a thin diaphragm lying close over the mouth of the tubes and below the manifold and forming a distensible circuit closer operative by slight expansion of air from any of the tubes, a clamp ring below the diaphragm, a set of clamp rods passing through the ring, the diaphragm and the manifold and engaging in the head, and contact bridge mounted on a pair of said rods and clamp nuts fastening the bridge, the ring, the diaphragm and manifold on said bolt rods.

1,644,950. PAPER-PERFORATING MACHINE. SIDNEY A. RAGAN, New Orleans, La. Filed Aug. 7, 1926. Serial No. 127,803. 3 Claims. (Cl. 164-113.)

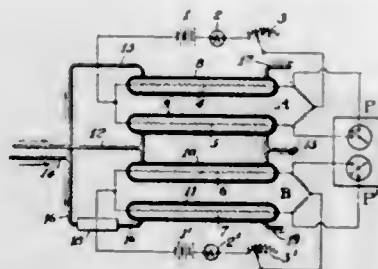
1. In a paper perforating machine of the class described, a frame, a base plate on said frame over which the paper to be perforated is adapted to be passed, said base plate formed with openings, punch bars supported for vertical movement through said openings, a latch cooperative with each punch bar and extending at right angles thereto, spring means for normally moving the latch to disengage it from its complementary punch bar, a shaft, disks mounted

on said shaft, each disk having a notched portion in which one end of the latch is located, and means for oscillating



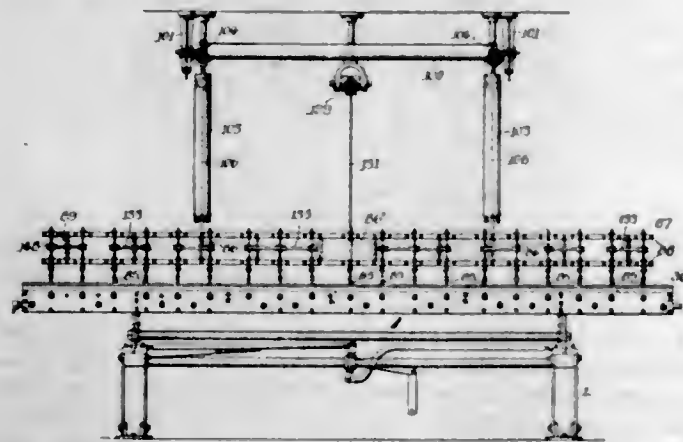
the disk to move said latch in a direction against the tension of the spring to engage the latch with its punch bar.

1,644,951. CONTINUOUSLY-OPERATING GAS-ANALYZING APPARATUS. OLOF RODHE, Stockholm, Sweden, assignor to Svenska Aktiebolaget Mono, Stockholm, Sweden, a Corporation. Filed Dec. 15, 1922, Serial No. 607,204, and in Sweden Dec. 15, 1921. 2 Claims. (Cl. 23-255.)



1. A continuously operating gas analyzing apparatus in which analyses take place continuously in order to determine different constituents in one and the same gas mixture, comprising two separate groups of analyzing cells for determining the percentage of carbon dioxide, means to conduct gaseous mixture to be analyzed through the one of said groups to determine the percentage of carbon dioxide in said mixture, means arranged before the other group to oxidize carbon monoxide and methane to carbon dioxide, and means to conduct the gaseous mixture thus oxidized through said other group in order to determine the percentage of carbon dioxide in said mixture.

1,644,952. WOOD-CARVING MACHINE. DAVID B. SALSTROM, Chicago, Ill., assignor to Salstrom Carving Machine Company, Chicago, Ill., a Corporation of Illinois. Filed July 23, 1924. Serial No. 727,603. 17 Claims. (Cl. 90-13.2.)



1. A wood-carving machine having in combination, a counterbalanced elongated head supported for movement up and down, from side to side and forward and back, a

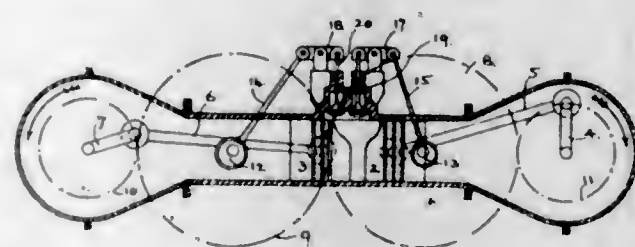
series of groups of cutter spindles extending longitudinally of said head, an elongated frame supported by said head to float thereon, a single electric motor secured midway of the length of said frame, means connected to said motor and frame for counterbalancing said motor and frame, said motor having a long shaft, bearings in said frame for said shaft, pulleys on said shaft, a plurality of belts each transmitting power from one of said pulleys to one of said groups of spindles, spring means tending to move said frame with reference to said head to tension the belts, and an individual resilient belt tightener for each belt.

1,644,953. STEPPED FURNACE GRATE. FRITZ SEYBOTH, Zwickau, Germany. Filed Aug. 23, 1921, Serial No. 494,640, and in Germany Feb. 24, 1914. Renewed Aug. 17, 1927. 6 Claims. (Cl. 110-38.) (Granted under the provisions of the act of Mar. 3, 1921, 41 Stat. L. 1313.)



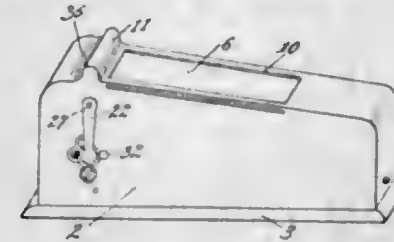
4. In a stepped furnace grate the combination of fixed grate bars and movable grate bars arranged in groups, and having depending front edges, means to move the said movable grate bars with their depending edges closely above the fixed grate bars, means for independently moving each group of movable bars and means for independently regulating the frequency and length of strokes of each said group.

1,644,954. RECIPROCATING ENGINE. JAMES SHEARER, Johannesburg, Transvaal, South Africa. Filed Dec. 31, 1924, Serial No. 759,191, and in the Union of South Africa Nov. 12, 1924. 1 Claim. (Cl. 123-51.)



In a reciprocating engine, two pistons adapted to reciprocate in opposite directions, a space between the said pistons, an open ended cylinder in which said pistons work, two crank shafts to which the pistons are respectively connected, means to prevent relative movement between the crank shafts, the arrangement being such that one of the cranks is approximately at right angles to its connecting rod when the two pistons are nearest to each other.

1,644,955. AUTOGRAPHIC REGISTER. JOHN Q. SHERMAN, Dayton, Ohio. Filed May 15, 1920. Serial No. 381,626. 17 Claims. (Cl. 282-21.)

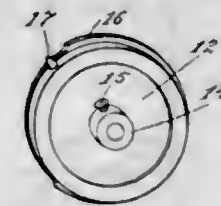


1. In a machine of the character described, the combination with a framework, a feed shaft therein, and a cabinet having side walls adapted to come down over the framework and cover it, of a handle for operating the feed shaft, and means on the handle and the shaft to come into engagement upon closing the cabinet over the framework, said handle being secured on the cabinet.

14. A handle lock for manifolding registers which comprises in combination with a socketed handle, a spring pin to engage in the socket, of a handle, means to release the pin, and an additional stop adapted to engage the handle upon revolution in the wrong direction, but permitting it to pass in the correct direction and positioned so that upon the release of the first pin the operator may not impart an accidental improper movement to the handle.

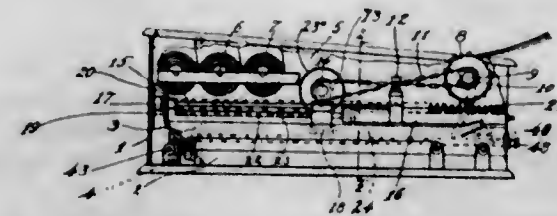
16. A handle stop for autographic registers comprising a stop, adapted to automatically engage and hold the handle against operation in either direction, and an additional stop adapted to engage the handle in one direction only and positioned to prevent an improper movement upon release of the first stop.

1,644,956. MANIFOLDING MACHINE. JOHN Q. SHERMAN and ALBERT W. METZNER, Dayton, Ohio; said Metzner assignor to said Sherman. Filed Jan. 12, 1921. Serial No. 436,774. 11 Claims. (Cl. 281-11.)



1. In a machine of the character described, means for feeding paper, comprising a shaft, a roller element having its periphery adjacent the shaft, a pair of disks on said shaft having cylindrical portions and ribs formed on a portion only of the peripheries thereof, said ribs constituting contact elements with said roller element in feeding paper therebetween, and means for adjusting the position of one of the disks to adjust the total combined length of contactual periphery of the two elements.

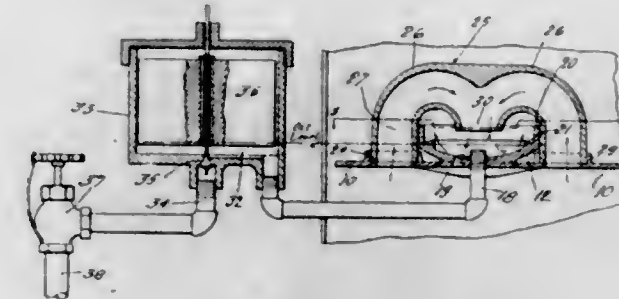
1,644,957. MANIFOLDING REGISTER. JOHN Q. SHERMAN, Dayton, Ohio. Filed Jan. 20, 1923. Serial No. 613,843. 7 Claims. (Cl. 235-22.)



1. In a manifolding device including a cash drawer, a cabinet, cash drawer, and paper feeding mechanism, a latch for the paper feeding mechanism releasing it for

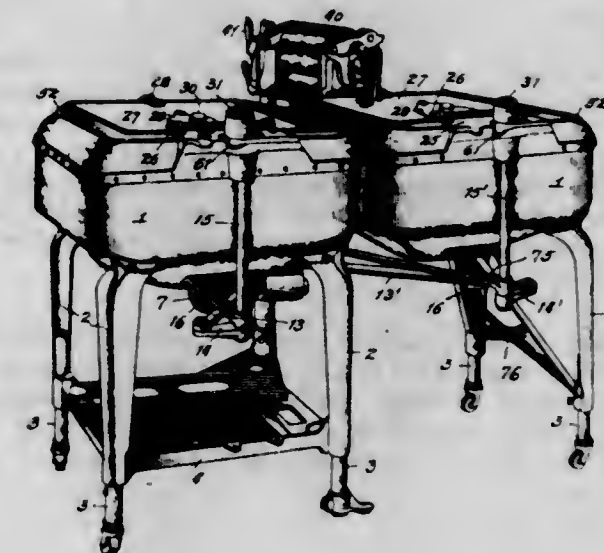
definite operations at each operation of the latch, and a latch for the cash drawer, common means for operating said latches, and means for actuating the feeding mechanism by the movement of the cash drawer.

1,644,958. OIL BURNER. CHARLES W. SIEVERT, Los Angeles, Calif. Filed Aug. 31, 1925. Serial No. 53,481. 5 Claims. (Cl. 158-91.)



5. An oil burner embodying a bowl, oil supply means leading to the bowl, an air pipe adapted to discharge downwardly into the bowl; and an annular air deflecting rib extending inwardly from the side wall of the bowl and vertically spaced from the upper edge of the bowl.

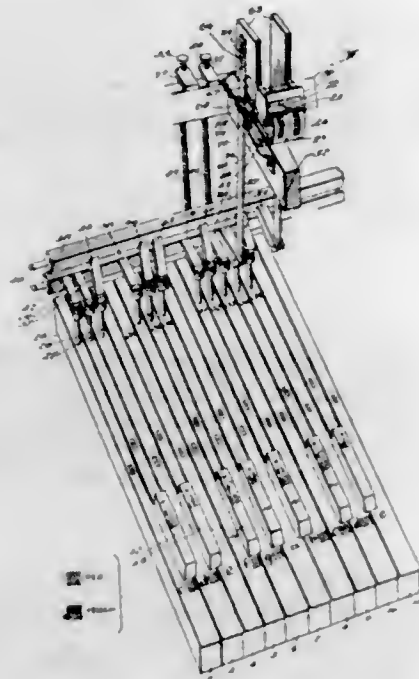
1,644,959. WASHING MACHINE. HOWARD F. SNYDER, Newton, Iowa, assignor, by mesne assignments, to The Maytag Company, Newton, Iowa, a Corporation of Delaware. Filed June 16, 1921. Serial No. 477,888. 6 Claims. (Cl. 68-15.)



1. A convertible unit washing apparatus comprising a single unit washing machine, including a tub, supporting means therefor, a prime mover mounted on said supporting means, and an agitator in the tub, an auxiliary unit washing machine, including a tub, supporting means therefor and an agitator in the tub, means for detachably and rigidly connecting said units together to operate as a double machine when connected or to permit the operation of the single unit machine alone when detached, actuating connections from the prime mover of said single unit machine to the agitator thereof, and an inert, actuable means connected to the agitator of said auxiliary machine, said inert means terminating in a coupling member, and means for permitting the detachable connection of said coupling member to the actuating connection of said single unit machine, whereby the agitators of said machines may be actuated simultaneously from said single

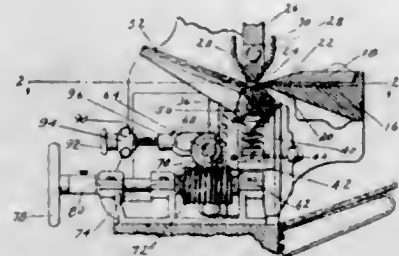
prime mover when said units are connected or whereby said single unit machine may be operated alone when said machines are disconnected.

1,644,960. KEYBOARD INDICATING DEVICE AND METHOD OF REGISTERING PERFORMANCE. JOHN STAUSS, New Orleans, La. Filed Nov. 12, 1925. Serial No. 68,660. 14 Claims. (Cl. 84-479.)



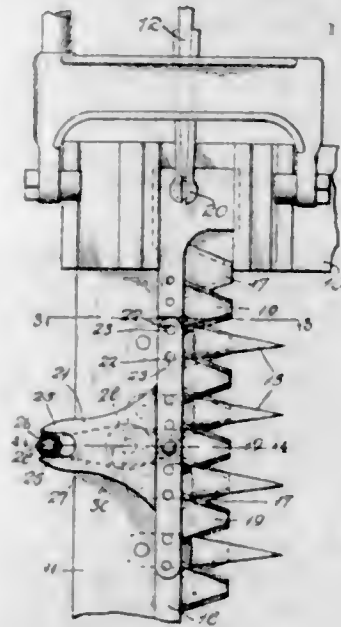
3. In combination with the keyboard of a musical instrument, an indicating device comprising a stationary member and a plurality of shields having symbols of a code, a plurality of plungers having means for moving the shields in front of the stationary member whereby to either obscure or reveal one or more of the symbols thereon, and means operated by the keys when in action to reciprocate the plungers and cause said movement of the shields resulting in a final combination of symbols indicating the correct execution of a given musical exercise.

1,644,961. SPLITTING MACHINE. ALFRED B. SUTTIS, Danvers, and DAVID EDGAR, Lynn, Mass., assignors to The Turner Tanning Machinery Company, Portland, Me., a Corporation of Maine. Filed June 19, 1925. Serial No. 38,257. 21 Claims. (Cl. 144-182.)



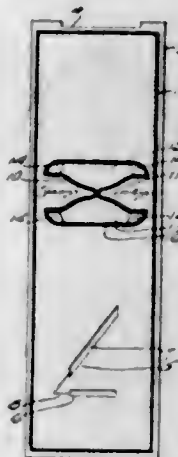
1. In a machine of the character described, a cutter, work feeding means comprising a feed member, and a single means for adjusting the feed member toward and away from the plane of the cutter and for locking it in adjusted position, said last-mentioned means comprising a carrier for the feed member and a worm and gear for moving the carrier.

1,644,962. MOWER CUTTING APPARATUS. FRANK SWICKARD, Clarinda, Iowa, assignor of one-half to Wilbur A. Blakely, Grant Center, Iowa. Filed Jan. 15, 1925. Serial No. 2,465. 10 Claims. (Cl. 56-297.)



1. A mowing machine cutting mechanism comprising a sickle bar, two cooperating sickles, an oscillating member pivoted to the sickle bar and extending therebeneath, and means operatively connecting the opposite ends of the oscillating member to the respective sickles.

1,644,963. NECKTIE-DISPLAY CARD. HAROLD E. ULICH, Larchmont, WALTER E. ULICH, New York, and RUDOLPH RIETHIMER, Richmond Hill, N. Y., assignors to H. P. Ulich & Co., New York, N. Y., a Corporation of New York. Filed Feb. 4, 1926. Serial No. 55,960. 2 Claims. (Cl. 211-34.)



1. A necktie display card upon which a tie is adapted to be displayed by throwing the neckband portion of the tie over an end of the card to the back thereof, comprising a laterally projecting tongue formed in the card arranged to engage said neckband portion and prevent the tie from slipping down when the card is tilted, and means for holding the tie in position laterally upon the face of the card.

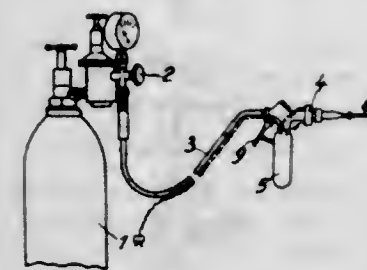
1,644,964. WATERPROOF CEMENT. HARRY V. WELCH, Los Angeles, Calif., assignor to International Precipitation Company, Los Angeles, Calif., a Corporation of California. Filed Feb. 26, 1924. Serial No. 695,220. 3 Claims. (Cl. 106-25.)

1. A composition comprising Portland cement and a waterproofing material in the proportion of 1 part of waterproofing material to 10 to 20 parts Portland cement, said waterproofing material including diatomaceous earth and hydrocarbon naturally occurring therewith.

1,644,965. WATERPROOF PLASTIC PORTLAND CEMENT AND COMPOSITION AND METHOD FOR MAKING THE SAME. HARRY V. WELCH, Los Angeles, Calif., assignor to International Precipitation Company, Los Angeles, Calif., a Corporation of California. Filed Jan. 5, 1925. Serial No. 664. 10 Claims. (Cl. 106-27.)

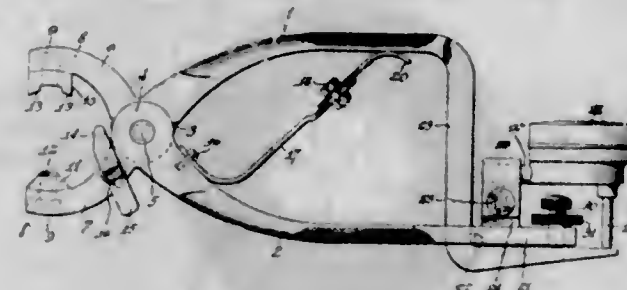
1. A Portland cement composition containing Portland cement mixed with a material including a naturally occurring mixture of earthy material and oil-soluble material, such material being in quantity sufficient to impart waterproofing and plasticizing qualities.

1,644,966. PRESSURE BOTTLE. OSKAR WESKI, Berlin, Germany. Filed Sept. 3, 1926. Serial No. 133,503, and in Germany Aug. 19, 1926. 2 Claims. (Cl. 128-257.)



1. In combination with a pressure bottle for compressed or liquefied gases, a valve associated with said bottle for causing gas to discharge from the latter, a flexible conduit connected at one of its ends to said valve, a tip connected to the other end of said conduit, a handle for said tip permitting to apply the latter at a desired place of therapeutical treatment, a further valve associated with said tip, a lever provided near said handle and adapted to open and close said last-mentioned valve, and heating means adapted to come into and out of operation during open and closed condition of said valve respectively.

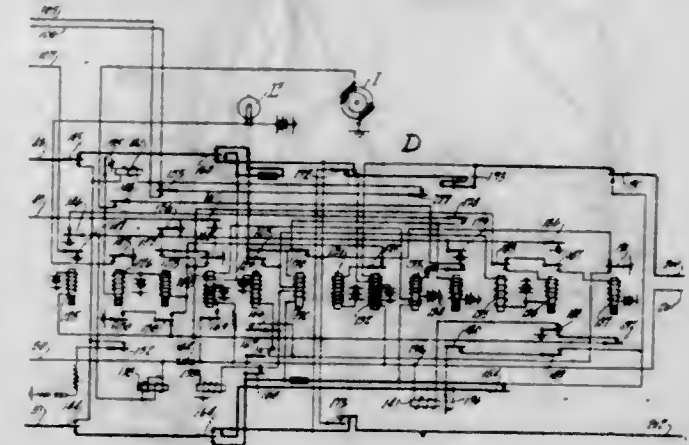
1,644,967. CALIPERS. GEORGE S. WETTRICH, Pontiac, Mich. Filed Aug. 5, 1925. Serial No. 48,249. 3 Claims. (Cl. 33-148.)



1. A calliper comprising pivotally connected handles, a comparatively flat two-part spring between said handles holding said handles normally separated, said spring having its parts connected together so that said spring may be adjusted in its longitudinal dimension, jaw members carried by said handles, interchangeable jaw blocks attached to said jaw members, and a gauge supported from one of said handles and actuated by the other handle.

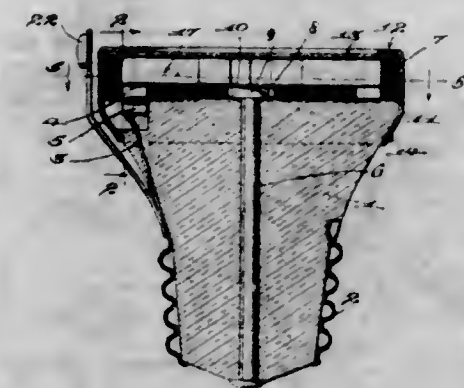
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1,644,968. MEASURED-SERVICE TELEPHONE SYSTEM. JOHN WICKS, Oak Park, Ill., assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill., a Corporation of Delaware. Filed May 23, 1921, Serial No. 471,775. Renewed Jan. 22, 1926. 22 Claims. (Cl. 179-6.3.)



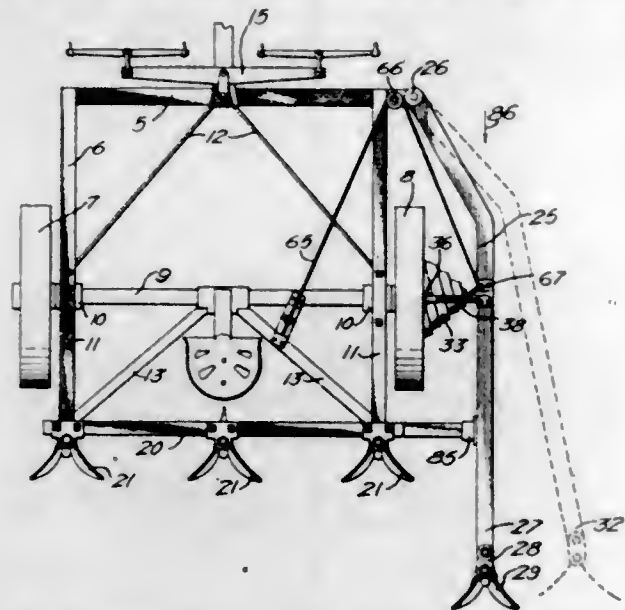
1. In a telephone system, a subscriber's station, a pay station device at said station, automatic switches at the exchange, a repeater interposed between said line and switches, a control circuit extending from said repeater for operating said switches, and means in certain of said switches for rendering said control circuit inoperative unless a coin has been deposited in said device before any of said switches have been operated.

1,644,969. MULTIPLE FUSE PLUG. FRED W. WILLIAMS, Santa Maria, Calif. Filed Jan. 9, 1926. Serial No. 80,257. 3 Claims. (Cl. 200-125.)



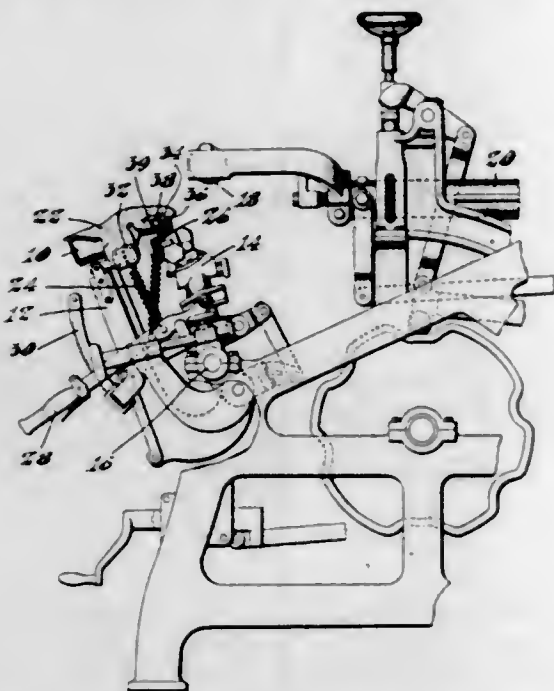
1. A fuse plug comprising a base, center and side contacts carried by the base, a fusible element having a plurality of radial arms, an insulating disk having a depression on top corresponding with the shape of the fusible element at the bottom of which depression the fusible element is firmly lodged, said disk having a central opening at which the center contact makes engagement with the element in the center, a plurality of openings at which the substantial extremities of the arms are exposed at the underside and of which the side contact makes engagement therewith; a transparent pane through which the entire depression and element are visible, and means both clamping the pane upon the insulating disk and providing a rotatable mounting for the disk upon the base permitting turning of the disk to cause successive engagement of the side contact with the respective arms, and indicator means stationarily mounted upon the base coinciding in radial position with the side contact.

1,644,970. SWINGING PLOW. BINGHAM T. WILSON, Los Angeles, Calif., assignor to Wilson Farm Tool Corporation, a Corporation of Nevada. Filed Sept. 18, 1922. Serial No. 588,783. 5 Claims. (Cl. 97-137.)



1. In a device of the class described, the combination of: a vehicle; an arm pivoted to said vehicle; and cam and follower means operating between said vehicle and said arm and comprising a spiral secured to a ground wheel for swinging said arm upon said pivot.

1,644,971. MANUFACTURE OF SHOES. ERASTUS E. WINKLEY, Lynn, and HERMAN A. DAVENPORT, Brockton, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Aug. 5, 1925. Serial No. 48,386. 24 Claims. (Cl. 12-17.)



1. That improvement in methods of making welt shoes which consists in applying a piece of flexible material to the bottom of a shoe after the welt sewing operation and before the outsole is applied to the shoe, and operating through said flexible material to apply compacting pressure to the bottom of the shoe.

1,644,972. WATER TOWER FOR FIRE-FIGHTING PURPOSES. JAKOB ZEITZER, Lorch, Germany. Filed Jan. 22, 1926. Serial No. 83,077, and in Germany May 10, 1924. 1 Claim. (Cl. 169-25.)

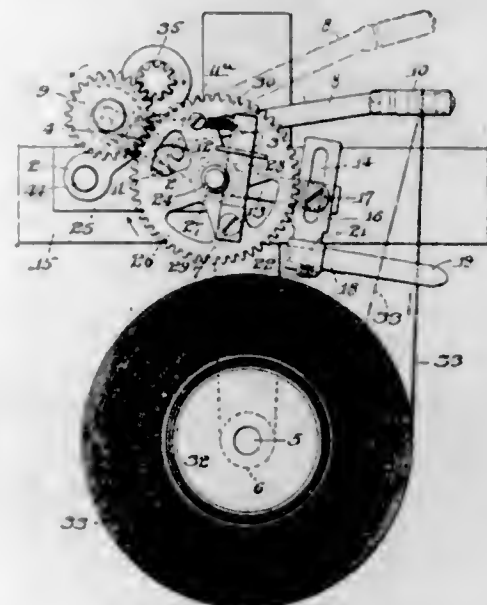
In a water tower, service pipes, a water chamber into which said pipes lead, a discharge pipe having its lower

end opening into the water chamber, means for supporting the discharge pipe to permit its rotation relative to the service pipes, a spindle secured to the discharge pipe within the water chamber, manually operable means arranged below the water chamber for rotating the spindle and thereby the discharge pipe, a nozzle carried by the



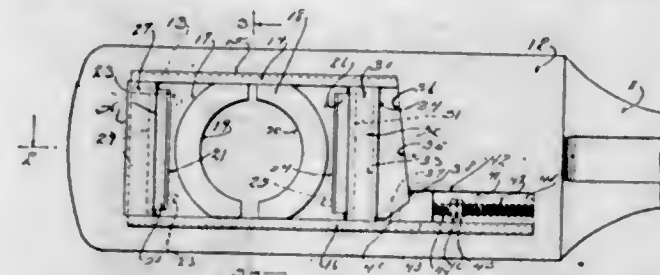
upper end of the discharge pipe and mounted for swinging about a horizontal axis, a sleeve slidably mounted on the discharge pipe and connected to the nozzle, and manually operable means arranged below the water chamber for moving the sleeve vertically of the discharge pipe and thereby adjusting the nozzle on its horizontal axis.

1,644,973. YARN-WINDING MACHINE. JACOB K. ALTEMUS, Philadelphia, Pa. Filed Sept. 22, 1926. Serial No. 136,917. 7 Claims. (Cl. 242-28.)



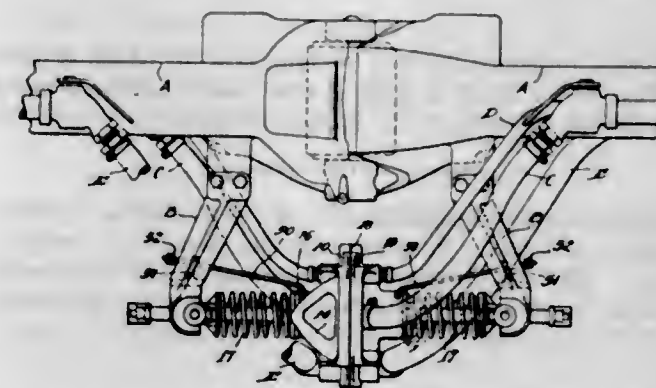
1. In a yarn winding machine, the combination of a support, a winding spindle, a bullder screw, a nut gear carried by the screw, a driving gear, a vertically movable carrier carried by the nut gear, a yarn-guiding lever carried by the carrier and fulcrumed thereon on an axis which is closer to the axis of the driving gear than is the axis of the bullder screw, said lever being movable toward and from the winding spindle, and means movable with the lever to engage and disengage the nut gear from driving connection with the driving gear.

1,644,974. CONNECTING-ROD BEARING. VICTOR E. ANKARLO, Duluth, Minn., assignor of five per cent to Theodore J. Saed, Superior, Wis.; five per cent to Joel O. Bodin, Duluth, Minn.; and five per cent to G. M. Schucht, Milwaukee, Wis. Filed July 5, 1924. Serial No. 724,546. 8 Claims. (Cl. 308-68.)



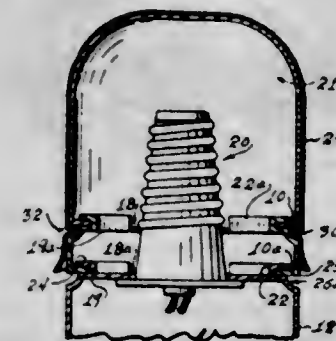
1. A connecting rod for engines having a slot in its end, a pair of crank pin brasses fitted in said slot and adapted to engage a crank pin, blocks fitted in said slot adapted to fit said brasses, said blocks having convex cylindric outer surfaces, saddles fitted in said slot and coacting with said blocks, said saddles having complementary concave cylindric inner surfaces to receive the convex surfaces of the aforesaid blocks.

1,644,975. AUTOMATIC-TRAIN-PIPE CONNECTER. MARTIN A. BARBER, Cleveland, Ohio. Filed Oct. 18, 1922. Serial No. 595,282. 12 Claims. (Cl. 285-24.)



1. In a train pipe connector, the combination of a head having a projection and an opening adapted to receive an opening and a projection respectively on a mating head, said first mentioned head having a cylindrical passageway extending therethrough obliquely to the meeting faces of the heads, and a fluid carrying conduit mounted within said passageway, the meeting faces of the heads being in a plane extending at substantially right angles to the longitudinal direction of the connector, and the plane of the meeting faces passing through the vertical diameter of the end face of said conduit.

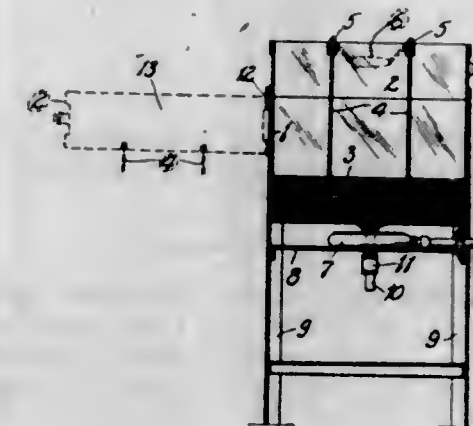
1,644,976. HAT BLOCK. ROBERT A. BREXOW, Los Angeles, Calif. Filed Apr. 26, 1926. Serial No. 104,725. 2 Claims. (Cl. 223-21.)



1. In a hat blocking device, a lower base, an auxiliary base detachably connected to said lower base, and a hat block detachably secured to and above said auxiliary base;

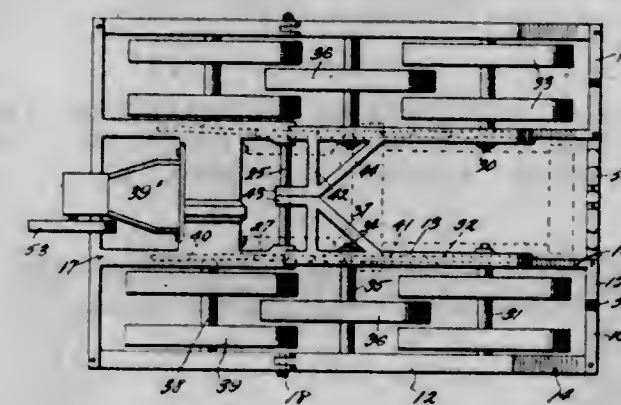
the complete device providing two annular string grooves; one string groove being at the juncture of said block and auxiliary base and the other string groove being at the juncture of said auxiliary base and said base.

1,644,977. DRAINING AND DUMPING CONTAINER. ANNA D. BRUNE, St. Louis, Mo. Filed Jan. 8, 1927. Serial No. 159,878. 1 Claim. (Cl. 53-7.)



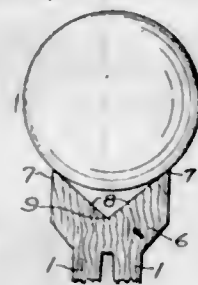
A draining and dumping container of the class described, comprising a hollow shell having a hinged upper portion, a wire basket disposed within said hollow shell adapted to be raised and lowered by means of an upward and outward movement of flexible members whose lower ends are attached to opposite sides of said wire basket, then pass upward over rollers provided in said hinged upper portion and terminating in handles on the outside of said hollow shell, said wire basket being adapted to fit said hinged upper portion and said hollow shell, and said hinged upper portion being adapted to be rotated to a horizontal position whereby solid matter drained of liquid and contained in said wire basket may be dumped.

1,644,978. TRACTOR. BERY F. CHILDERS, Edgemont, S. Dak. Filed Feb. 21, 1925. Serial No. 10,917. 3 Claims. (Cl. 180-22.)



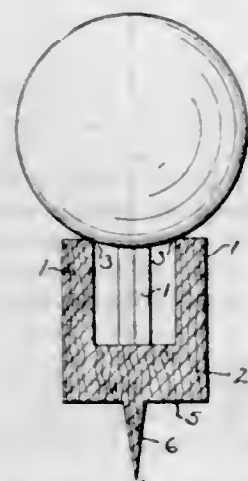
1. In a tractor, a running gear including a pair of longitudinally extending side frames, each of said frames consisting of an outer beam and an inner spaced hollow beam, means connecting the terminals of the beams together, axle rotatably supported by said beams, drive gears mounted within the hollow beams and connected to the axles, means connecting all of the drive gears together, each of said side frames including independent sections, and means pivotally connecting the sections together at a point between certain pair of ground wheels.

1,644,979. GOLF TEE. GEORGE CLAUSING, Portsmouth, Ohio, assignor to The Vulcan Last Company, Portsmouth, Ohio, a Corporation of Ohio. Filed Mar. 19, 1927. Serial No. 176,812. 6 Claims. (Cl. 273-33.)



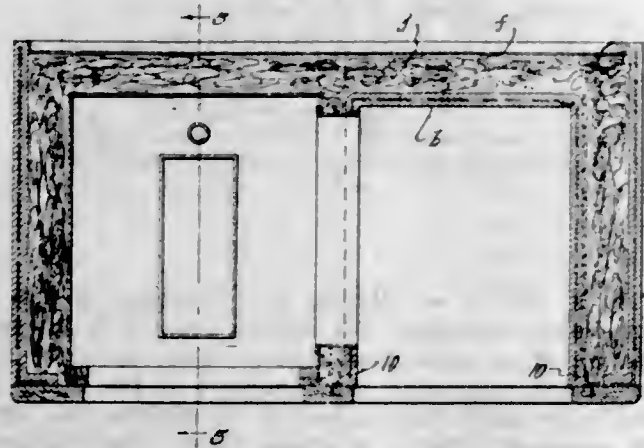
1. In a golf tee, a tapering V-shaped head having a plurality of pyramidal quarters and a flat-sided, pointed shaft for engaging the ground.

1,644,980. GOLF TEE. GEORGE CLAUSING, Portsmouth, Ohio, assignor to The Vulcan Last Company, Portsmouth, Ohio, a Corporation of Ohio. Filed Mar. 19, 1927. Serial No. 176,813. 1 Claim. (Cl. 273-33.)



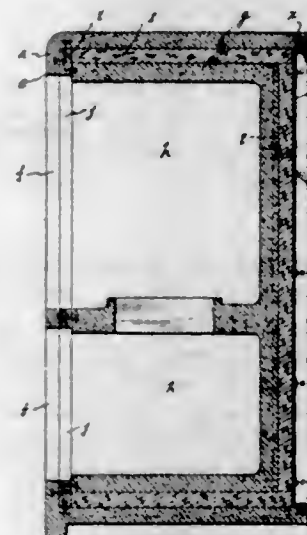
In a golf tee, a flat base, a plurality of relatively long up-standing golf ball supporting fingers angular in section, the upper edges of which are adapted to support the golf ball in such a manner that the golf ball is supported on a plurality of separated points, such points being located at the corners of the up-standing members where the side walls join the top thereof, and a flat ground engaging member adapted to prevent rotation of the tee.

1,644,981. REFRIGERATOR CONSTRUCTION. LLOYD G. COPEMAN, Flint, Mich. Filed Jan. 17, 1924. Serial No. 686,882. 4 Claims. (Cl. 217-7.)



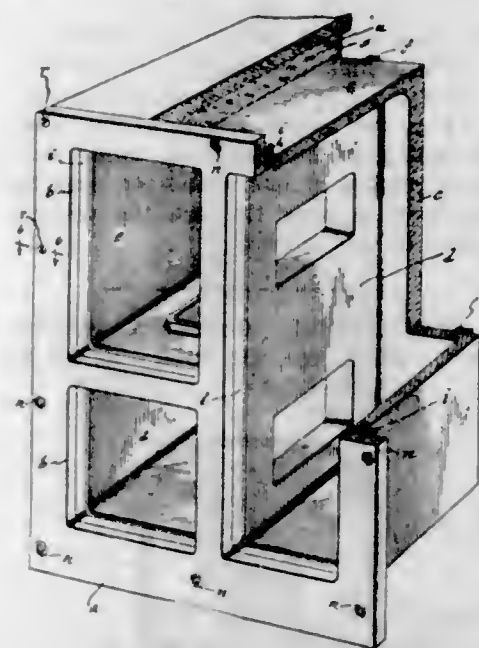
1. A refrigerator, in which the outer shell is a solid cast stonework and the front is of another material having a reinforcement mechanically united thereto and cast into the stonework.

1,644,982. REFRIGERATOR. LLOYD G. COPEMAN, Flint, Mich., assignor to Copeman Laboratories Company, Flint, Mich., a Corporation of Michigan. Filed June 14, 1924. Serial No. 720,035. 9 Claims. (Cl. 217-17.)



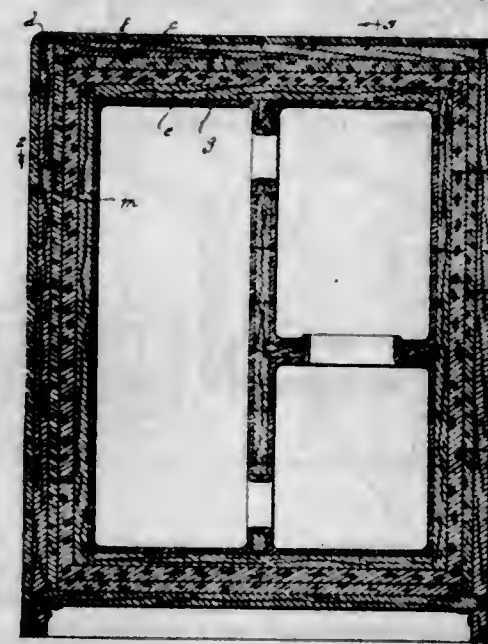
1. In a refrigerator, the combination of an inner shell, and an outer shell including side walls and cast-united together in telescoped but spaced relation.

1,644,983. REFRIGERATOR. LLOYD G. COPEMAN, Flint, Mich., assignor to Copeman Laboratories Company, Flint, Mich., a Corporation of Michigan. Filed June 23, 1924. Serial No. 721,823. Renewed July 14, 1927. 11 Claims. (Cl. 217-17.)



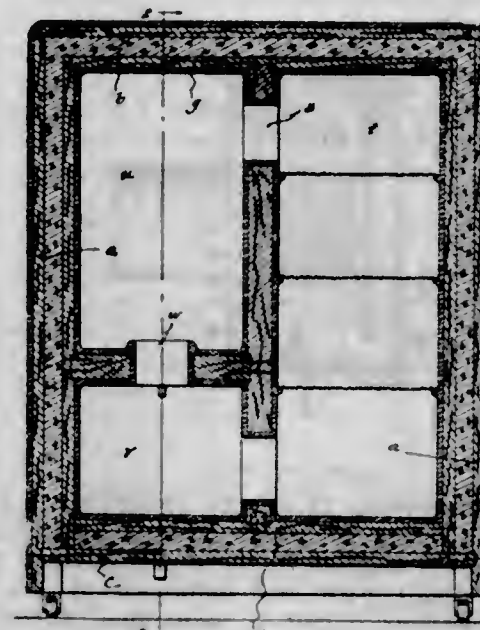
1. In a refrigerator, the combination of a moulded refrigerating front, a fibrous frame, and a moulded inner shell, the said inner shell and refrigerator front being cast-united to said fibrous frame.

1,644,984. REFRIGERATOR. LLOYD G. COPEMAN, Flint, Mich., assignor to Copeman Laboratories Company, Flint, Mich., a Corporation of Michigan. Filed Aug. 18, 1924. Serial No. 732,677. 16 Claims. (Cl. 217-17.)



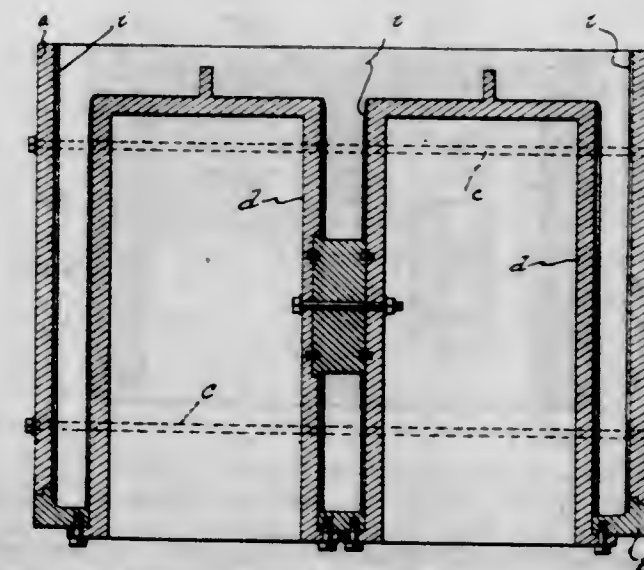
1. In a refrigerator or cabinet construction, the combination of interfitting sections secured together in spaced relation, each comprising a fibrous shell structure, and a covering of plastically applied stone secured thereto.

1,644,985. METHOD OF REFRIGERATOR MANUFACTURE. LLOYD G. COPEMAN, Flint, Mich., assignor to Copeman Laboratories Company, Flint, Mich., a Corporation of Michigan. Filed Jan. 31, 1925. Serial No. 6023. 9 Claims. (Cl. 25-155.)



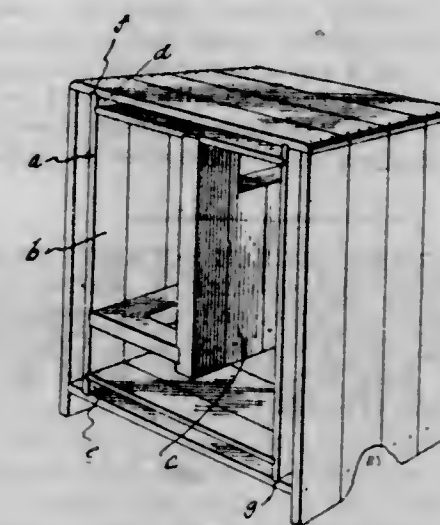
1. The method of refrigerator or cabinet manufacture, which comprises the fastening together of an inner and outer shell, and the casting of a layer of stone around the outside of the outer shell and the inside of the inner shell.

1,644,986. REFRIGERATOR CONSTRUCTION. LLOYD G. COPEMAN, Flint, Mich., assignor to Copeman Laboratories Company, Flint, Mich., a Corporation of Michigan. Filed Mar. 25, 1925. Serial No. 18,132. Renewed July 14, 1927. 14 Claims. (Cl. 25-155.)



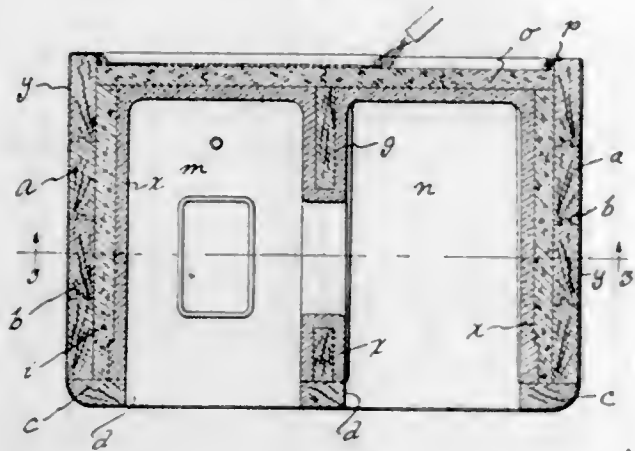
1. In a refrigerator construction, the combination of an inner moulded shell of heat-insulating material and serving as a core, and an outer cast shell secured to and contacting with said core both on the inside and outside thereof.

1,644,987. REFRIGERATOR. LLOYD G. COPEMAN, Flint, Mich., assignor to Copeman Laboratories Company, Flint, Mich., a Corporation of Michigan. Filed June 18, 1925. Serial No. 37,971. Renewed July 14, 1927. 9 Claims. (Cl. 217-17.)



7. A refrigerator or cabinet, comprising an outer box and an inner box, one of said boxes provided with grooves and the other with tracks arranged to ride in said grooves to space the two boxes with respect to each other, and a plastically applied stone coating on the exposed surface of one of said boxes, and the space between the two boxes being packed with insulating material.

1,644,988. CABINET CONSTRUCTION AND THE METHOD OF BUILDING THE SAME. LLOYD G. COPEMAN, Flint, Mich., assignor to Copeman Laboratories Company, Flint, Mich., a Corporation of Michigan. Filed Oct. 9, 1925, Serial No. 61,392. Renewed July 14, 1927. 14 Claims. (Cl. 217-17.)



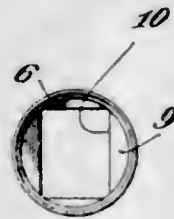
3. The method of refrigerator or cabinet construction, which comprises the forming of an outer shell and mould of wood boards, and the cast-uniting of an inner moulded shell therein.

1,644,989. TALCUM-POWDER BOX. HARRY R. COREY, Brooklyn, N. Y., assignor to American Can Company, New York, N. Y., a Corporation of New Jersey. Filed Dec. 17, 1921. Serial No. 523,003. 6 Claims. (Cl. 221-64.)



1. A talcum powder box, comprising a body, a sifter top having perforations disposed about the outer part thereof and having a raised central portion provided with radial channels, and a cap adapted to fit rotatably upon said top, said cap being provided with a raised perforated portion and downwardly opening channels extending outwardly from said raised portion and over the perforations in said top.

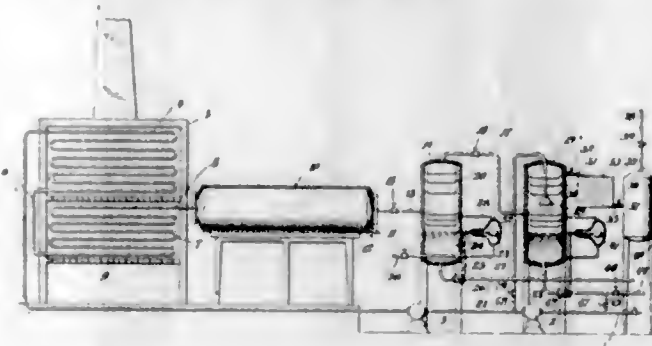
1,644,990. ELECTRIC SWITCH SOCKET. CHARLES S. CROSS, Brooklyn, and CHARLES A. SMITH, Flushing, N. Y., assignors, by direct and mesne assignments, to Circle P. Mfg. Co., Trenton, N. J., a Corporation of New Jersey. Filed Dec. 15, 1925. Serial No. 75,509. 3 Claims. (Cl. 173-362.)



1. An electrical switch socket consisting of a standard sheet metal shell having a cylindrical threaded body wall adapted to receive a standard threaded circuit closing

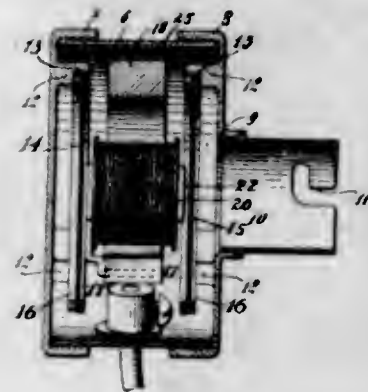
plug, and means in proximity to the base of the shell and forming part of the shell, with which said plug is adapted to engage to thereby limit the movement of the plug to its circuit closing position.

1,644,991. PROCESS FOR CONVERTING OIL. WALTER M. CROSS, Kansas City, Mo., assignor to Gasoline Products Company, Inc., New York, N. Y., a Corporation of New York. Filed Apr. 3, 1923. Serial No. 629,723. 1 Claim. (Cl. 196-48.)



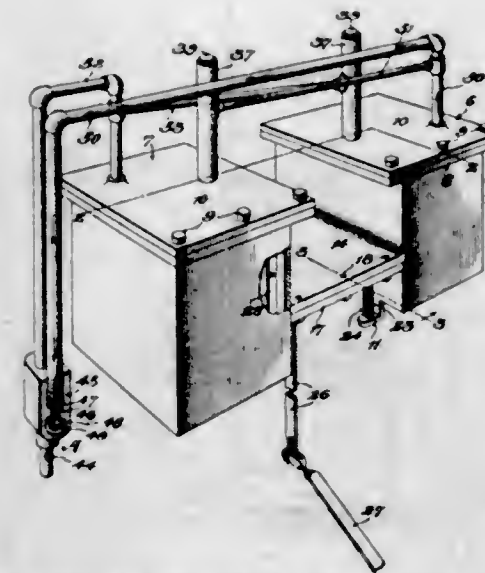
A process for converting oil comprising raising the oil to a cracking temperature in a heating stage, passing the oil to a conversion stage and there maintaining it under sufficient pressure imposed by the generated vapors during reaction to maintain the oil in substantially the liquid phase, relieving the pressure on the oil and passing it through a vaporizing stage and there separating the liquid and vaporous oil constituents, subjecting the vapors evolved to a fractional condensing action and returning selected portions of the condensate to the heating stage and to the fractional condensing stage with the charging stock, and maintaining a regulated liquid level in the vaporizing and fractional condensing stages.

1,644,992. MEANS FOR TRANSFORMING INAUDIBLE OSCILLATIONS INTO AUDIBLE OSCILLATIONS. JOHN E. DAVIS, Brooklyn, N. Y. Filed Aug. 14, 1925. Serial No. 50,159. 12 Claims. (Cl. 179-116.)



1. In a transformer of electric oscillations into audio oscillations, a casing having an opening, magnetic means mounted in fixed position in the casing adapted for connection in circuit with and influenced by an electric oscillation receiving circuit, a diaphragm, a closure for the casing opening having a central perforation to constitute an outlet for the casing and arranged for mounting of the diaphragm thereon in operative relation to the magnetic means to be actuated thereby and with an air space around the same in communication with the casing outlet, and said closure having an adjustable connection with the casing whereby the magnetic means and diaphragm are adapted to be variably adjusted one relative to the other.

1,644,993. MACHINE FOR DEPOSITION OF COATING. RUFUS G. FORDYCE, Chicago, Ill. Filed Aug. 17, 1926. Serial No. 129,775. 21 Claims. (Cl. 101-114.)



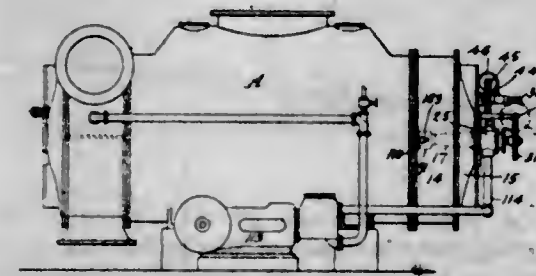
1. In a stenciling-machine, a coating-container, a raceway communicating therewith, a stencil at a side of said raceway, a stock-holding member at the outside of said stencil, and means whereby air is moved from said container into said raceway.

1,644,994. TREE SUPPORT. ERNEST U. FOWLER, Santa Ana, Calif. Filed Sept. 16, 1925. Serial No. 56,625. 3 Claims. (Cl. 47-42.)



1. In a device of the class described, a wire, a tree supporting member, said tree supporting member comprising a metal plate comprising two parts, one part being flat and apertured to receive the wire and normally arranged at substantially a right angle to the wire, and the other part being bent to form a tree engaging part, said aperture being slightly larger than said wire.

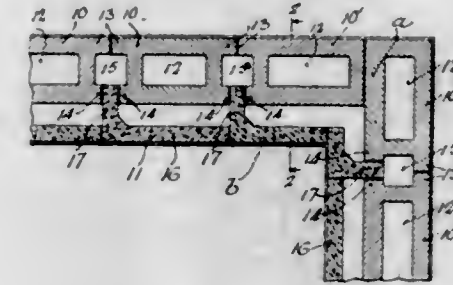
1,644,995. TUBE CLEANER. JOHN F. GRACE, Kearny, N. J., assignor to Worthington Pump and Machinery Corporation, New York, N. Y., a Corporation of Virginia. Filed Feb. 1, 1921. Serial No. 441,553. 20 Claims. (Cl. 122-390.)



1. In combination with a condenser having a series of tubes, a rotating nozzle arm for delivering a cleaning fluid jet endwise of said tubes, and pressure operated

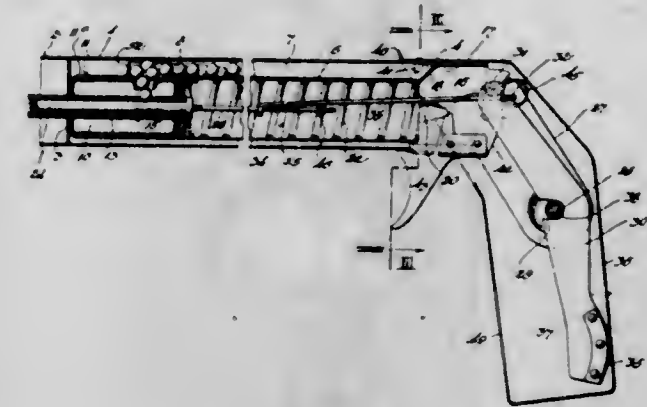
means for reciprocating said arm radially to direct said jet on tubes remote from and approximate to the center of rotation of said arm.

1,644,996. BUILDING CONSTRUCTION. ANTON GROSINGER, Milwaukee, Wis. Filed Jan. 16, 1925. Serial No. 2,851. 2 Claims. (Cl. 72-39.)



1. A building construction comprising, an outer wall of weather-resisting material, an inner wall of relatively porous material spaced from said outer wall to form an intervening air chamber, spacing members having relatively small cross-sectional area and spanning said chamber to maintain said walls in proper spaced relation, and water-proof material interposed between said members and said walls to prevent transgression of water from one of said walls to the other through said members.

1,644,997. TOY PISTOL. WALTER GRUPKA, Detroit, Mich. Filed May 21, 1926. Serial No. 110,720. 4 Claims. (Cl. 124-13.)

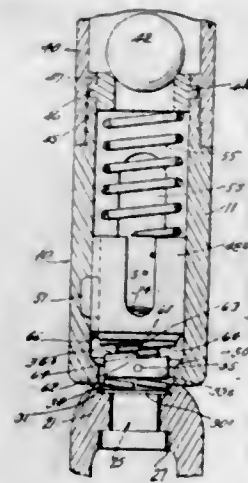


1. A toy pistol comprising a sheet metal projectile holding barrel, a sheet metal cocking handle pivotally supported from said barrel and inclosing the rear end of said barrel, a receiver in the outer end of said barrel adapted to receive a projectile from said barrel, a spring projecting mechanism stressed by a pivotal movement of said cocking handle, a trigger mechanism adapted for holding said projecting mechanism stressed preparatory to the discharge of a projectile, and a pivoted member in said handle connected to said spring projecting mechanism and movable by said handle, said member bearing on a wall of said handle adapted to be gripped.

1,644,998. STANDING-VALVE CONNECTION. ROBERT W. GUNN and WILLSIE A. S. THOMPSON, Los Angeles, Calif. Filed Mar. 13, 1926. Serial No. 94,411. 12 Claims. (Cl. 103-180.)

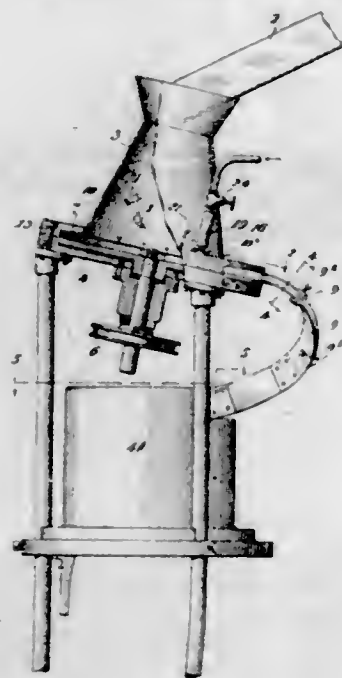
1. In a device of the character described, a plunger element and a standing valve element, a grip member carried on the plunger element, a grip member carried on the

standing valve element, said members being threadably engageable with one another upon relative rotation of the plunger and valve elements, and a slip-joint connection be-



tween one of the members and its carrying element adapted to allow relative rotation therebetween in thread engaging directions after the two members are in full threadable engagement.

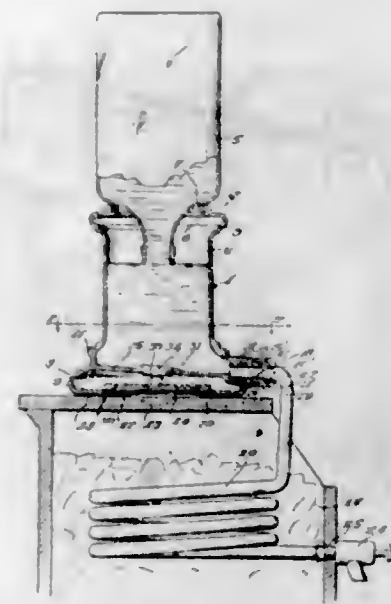
1,644,999. ARTICLE-ARRANGING DEVICE. JAMES S. HARDIMAN, Long Island City, N. Y., assignor to Anchor Cap and Closure Corporation, Long Island City, N. Y., a Corporation of New York. Filed May 12, 1925. Serial No. 29,802. 14 Claims. (Cl. 193-43.)



1. In a device of the class described; a main chute for conveying articles which may assume two positions therein; a pair of branch chutes arranged to receive articles from the main chute; and means to divert articles that are in one position into one of said branch chutes and articles that are in the other position into the other of said branch chutes, said diverting means being adjustable to accommodate different sizes of articles.

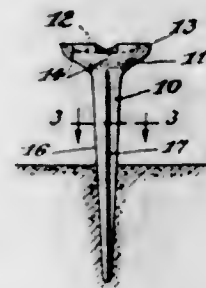
1,645,000. BEVERAGE-DISPENSING APPARATUS. LOUIS W. HASSENSALL, Toledo, Ohio. Filed Dec. 12, 1924. Serial No. 755,538. 1 Claim. (Cl. 225-28.)
A dispensing stand including an ice receptacle having a top support and a wall formed with an ice filling open-

ing at the top, a cooling coil in said receptacle having one end extending upwardly through the opening and pro-



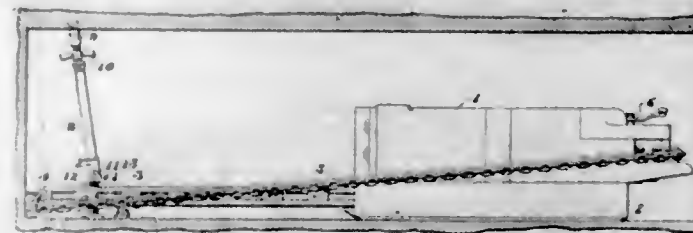
vided with a coupling above the support for attachment to a source of supply, the coil having a dispensing tap through the wall of the ice receptacle.

1,645,001. GOLF-TEE. EDWARD N. HODGES, New York, N. Y. Filed Feb. 19, 1927. Serial No. 169,474. 9 Claims. (Cl. 273-33.)



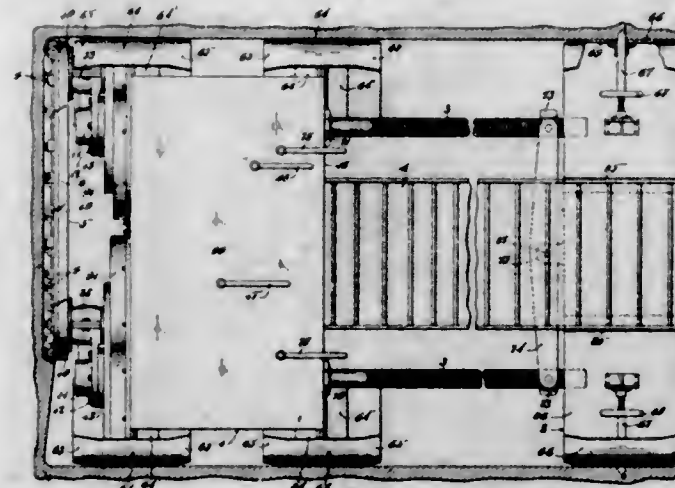
1. A golf tee made of a material including seed and a viscous binding substance to make the article soluble in water.

1,645,002. MINING MACHINE. MORRIS P. HOLMES, Claremont, N. H., assignor to Sullivan Machinery Company, a Corporation of Massachusetts. Filed Dec. 10, 1917. Serial No. 206,458. Renewed Dec. 27, 1926. 25 Claims. (Cl. 262-30.)



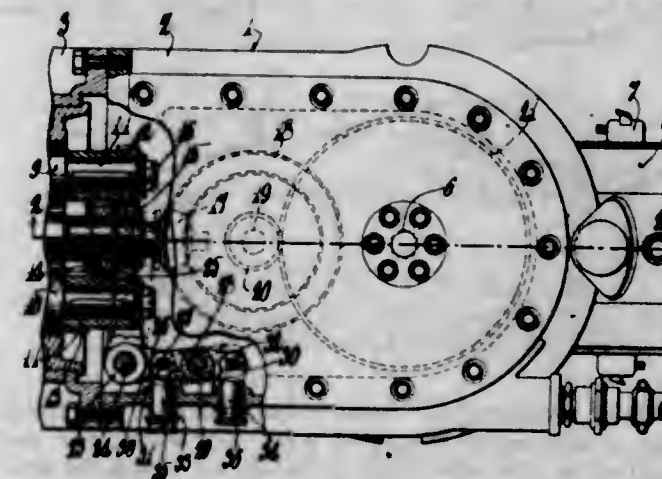
14. In a mining machine of the character which is slidable over the mine bottom during cutting and which is adapted to be sumped and thereafter moved laterally to effect the making of a cut across a face, a machine frame, a cutter bar rigidly connected thereto, and means supported as regards connection to said machine solely on said bar and adjustable to support the latter at different heights.

1,645,003. MINING APPARATUS. MORRIS P. HOLMES, Claremont, N. H., assignor to Sullivan Machinery Company, a Corporation of Massachusetts. Filed Apr. 7, 1919. Serial No. 288,133. Renewed Nov. 6, 1926. 52 Claims. (Cl. 262-5.)



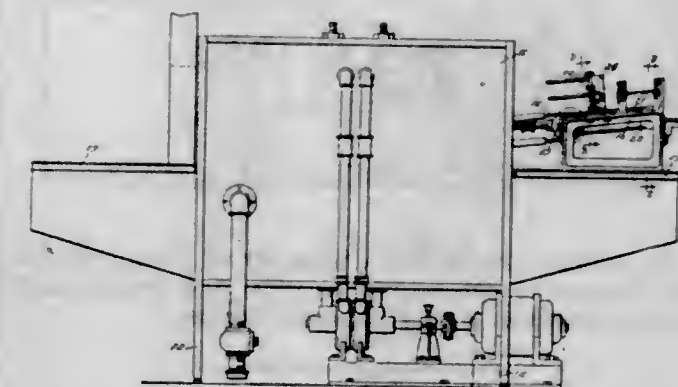
1. In a mining apparatus, a cutter carrying element disposed substantially parallel to the face, a cutter chain movable thereon, and means for moving said element through a substantially oblong path.

1,645,004. CONTROLLING MECHANISM. MORRIS P. HOLMES, Claremont, N. H., assignor to Sullivan Machinery Company, a Corporation of Massachusetts. Filed Dec. 20, 1923. Serial No. 681,892. 3 Claims. (Cl. 262-30.)



1. In a controlling mechanism, a shiftable member operative to connect driving driven elements, and means to operate said member including a pivoted bell crank having an arm thereof directly connected to said member and a plurality of oppositely reciprocable operating members one of which is directly connected to said bell crank.

1,645,005. CAN-DRYING ATTACHMENT. JOHN M. HOTHERSALL, Brooklyn, N. Y., assignor to American Can Company, New York, N. Y., a Corporation of New York. Filed Aug. 15, 1921. Serial No. 492,574. 13 Claims. (Cl. 34-12.)



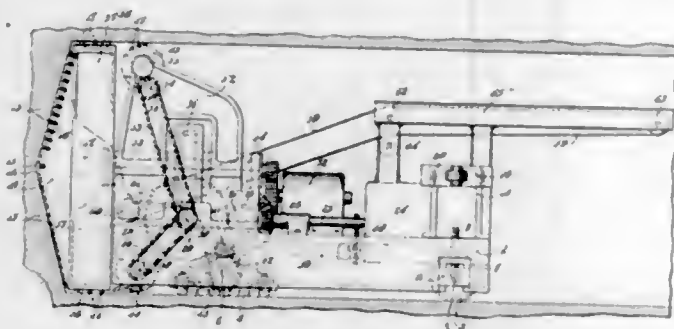
1. The process of drying cans, which comprises directing air against an end of a can, and progressively applying said air in a circle of lengthening radius as the drying progresses until the end edge is reached.

1,645,006. TUMBLER LOCK. EDWARD N. JACOBI, Milwaukee, Wis., assignor to Briggs & Stratton Corporation, Milwaukee, Wis., a Corporation of Delaware. Original application filed Dec. 23, 1925, Serial No. 77,295. Divided and this application filed Mar. 14, 1927. Serial No. 175,344. 8 Claims. (Cl. 70-46.)



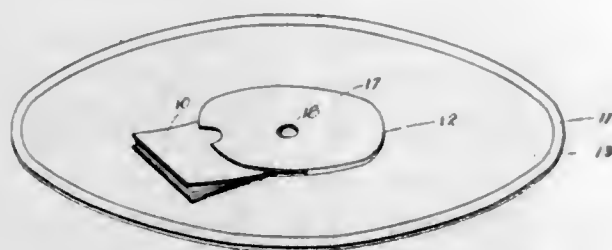
1. In a lock, a lock-case having a bore through its front end, a lock barrel fitting in the bore, a flange in the bore having openings forming slots, locking lugs on the lock barrel entered through the slots and engaging the flange, and a cap fitting on the end of the lock barrel and having projecting locking lugs also entered through the slots and engaging the flange.

1,645,007. MINING MACHINE. HARRY C. JOHANSEN, Michigan City, Ind., assignor to Sullivan Machinery Company, a Corporation of Massachusetts. Filed May 12, 1919, Serial No. 296,633. Renewed Jan. 8, 1927. 41 Claims. (Cl. 262-5.)



1. In a tunneling device, a plurality of cutting mechanisms adapted to cut parallel entries, and supplemental cutting mechanism for joining said entries.

1,645,008. EDUCATIONAL DEVICE. MILTON KAHN, New York, N. Y. Filed Dec. 15, 1923. Serial No. 680,975. 1 Claim. (Cl. 274-41.)



A sound reproducing disk record having a pocket centrally fixed thereto, said pocket being in the nature of an envelope comprising two substantially disk shaped pieces of like material, and tabs formed on the edge of one piece and secured to the marginal edge of the other piece for securing said pieces together.

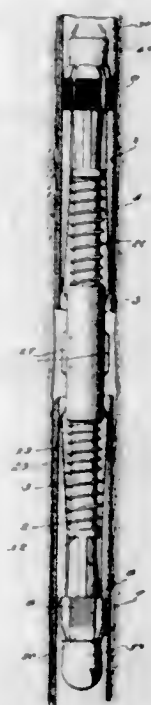
1,645,009. CALCULATING APPARATUS. OTIS CARTER FORMBY KING, London, England, assignor to Carbic Limited, London, England, a British Company. Filed Aug. 20, 1923, Serial No. 658,388, and in Great Britain Sept. 4, 1922. 23 Claims. (Cl. 235-67.)



1. Calculating apparatus comprising in combination two co-axial cylinders relatively movable axially and angularly and each carrying a spirally arranged scale.

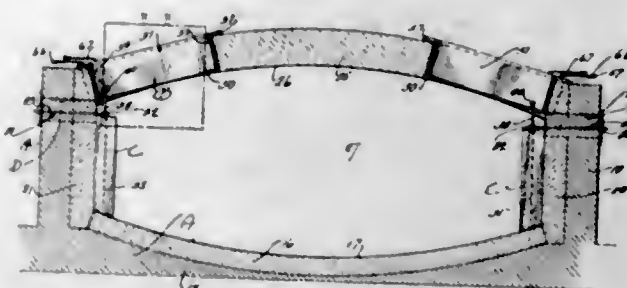
a tubular cursor having relative sliding movement over the cylinders and bearing an index-mark for use in conjunction with the scales, and means to hold the cursor in fixed relation to one of the scale-cylinders at will.

1,645,010. DEVICE FOR RECOVERING CASING FROM WELLS. MYRON MACY KINLEY, Tulsa, Okla. Filed Feb. 4, 1926. Serial No. 86,037. 4 Claims. (Cl. 294-96.)



1. A device for recovering parted string from well casing, comprising a body portion having oppositely extending tapered portions, a set of slips mounted on each tapered portion, a carrier for said slips, spring means cooperating with the carrier for expanding the slips, and means for retaining the slips retracted comprising arms connected with the carrier and having enlargements, and controlling blocks mounted on the body portion and engageable with the casing and with the enlargements.

1,645,011. REPLACEABLE LINER FOR REVERBERATORY FURNACES. BRIGGS R. KINNEY, Miami, Ariz. Filed Sept. 2, 1926. Serial No. 133,258. 13 Claims. (Cl. 266-43.)

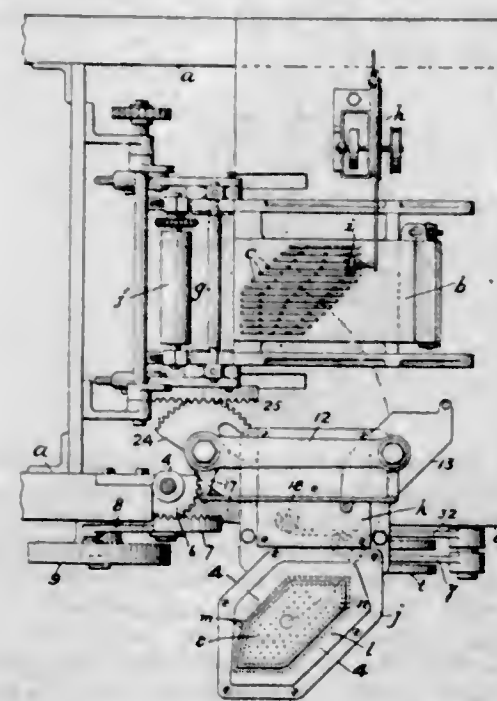


1. In a reverberatory furnace construction the combination of stationary elongated floor, side walls, and roof supported by the side walls defining an elongated combustion chamber, and an easily replaceable and removable liner construction for the combustion chamber.

1,645,012. CIGAR-BUNCH MACHINE. ROBERT R. KITCHEL, Ridley Park, and JOSEPH E. MULLAN, Philadelphia, Pa., assignors to Bayuk Cigars Incorporated, Philadelphia, Pa., a Corporation of Maryland. Filed Feb. 7, 1925. Serial No. 7,482. 1 Claim. (Cl. 131-39.)

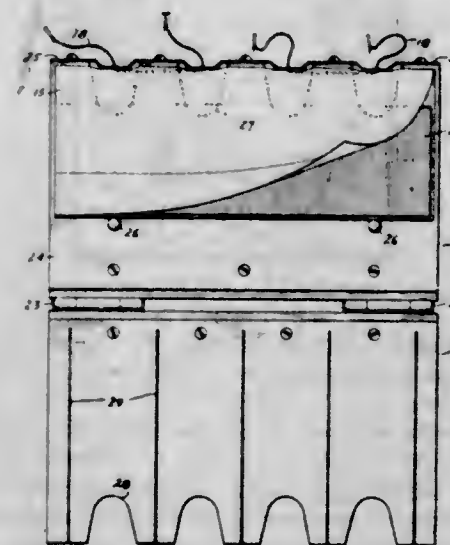
In a cigar bunch machine, the combination with a binder cutting device and a rolling table, of an arm mounted on a vertical pivot, means for the support of a

binder pivotally mounted on said arm, means to swing said arm in a horizontal plane, a link paralleling said arm and pivotally secured at one end to said support



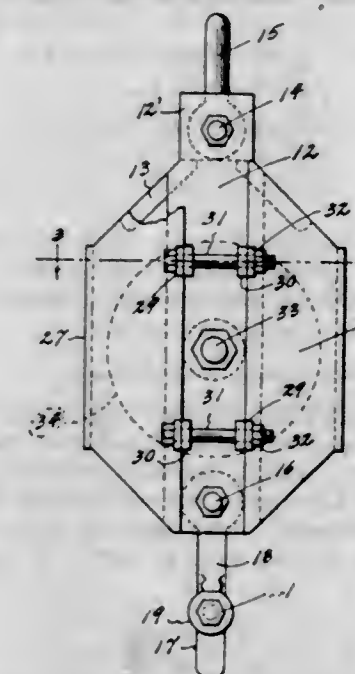
for a binder and fixed means pivotally engaged with the other end of said link whereby when said arm is swung said support will be turned through the medium of said link.

1,645,013. METHOD AND APPARATUS FOR MAKING TAGS. HENRY E. KONDOLF, New York, N. Y., assignor to The Lox Seal Corporation, Brooklyn, N. Y., a Corporation of New York. Filed Nov. 3, 1926. Serial No. 145,937. 22 Claims. (Cl. 93-91.)



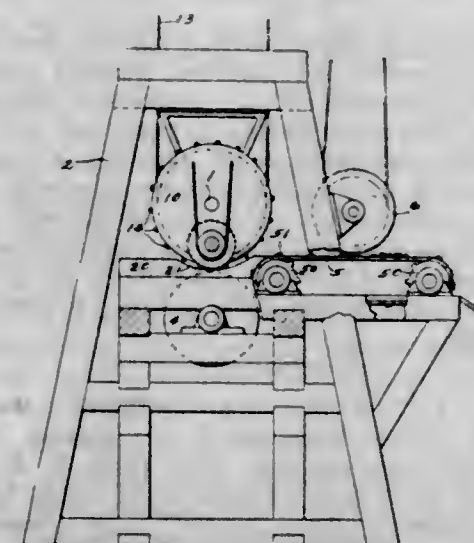
1. In an apparatus for making articles of the character described, in combination, relatively movable pressure members adapted to engage the article therebetween, pressure means for forcing said members together to compress the article, and means operable by said pressure means for cutting the article in a predetermined manner during said compression.

1,645,014. SAFETY SHEAVE BLOCK. WILLIAM H. MCKISSICK, Tulsa, Okla. Filed Jan. 11, 1927. Serial No. 160,379. 10 Claims. (Cl. 254-197.)



1. In a safety sheave block, a support, a sheave journaled on the support, and a housing carried by the support and comprising side wings hinged to be swung each horizontally when the block is suspended vertically.

1,645,015. STAVE-FINISHING MACHINE. OLE A. MBLANG, Seattle, Wash. Filed Aug. 12, 1924. Serial No. 731,546. 3 Claims. (Cl. 147-19.)

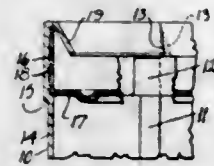


1. A stave finishing machine comprising means for feeding the staves transversely of their length, a revolving cutter engaging each end of the staves as they are advanced by the feeding means to thereby chamfer and croze the staves, and a sander engaging the outer face of the stave during their engagement by said cutters.

1,645,016. SANITARY METAL CAN. ARLINGTON MOORE, New York, N. Y., assignor to Moore Inventions Corporation, Worcester, Mass., a Corporation of Massachusetts. Filed Apr. 15, 1922. Serial No. 553,212. 2 Claims. (Cl. 220-66.)

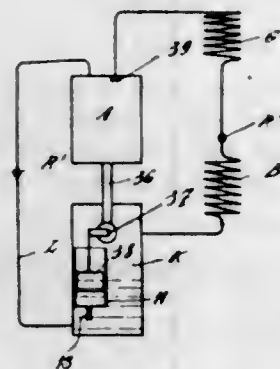
1. In a sheet metal can, a can body having a side seam comprising a principal lockseam portion, a lapseam portion and a portion at the end of the can body where the edges of the body material substantially abut against one another, said body being outwardly expanded and having a shoulder formed therein at about the junction between the lock and lap seam portions, a closure received in said can body and resting against said shoulder, and a heavy thick substantially ring-like seam uniting said body and

closure comprising two reversely turned portions of the closure material and three reversely turned portions of the can body material with the extreme edge portions of the can body material centrally located in said seam, and



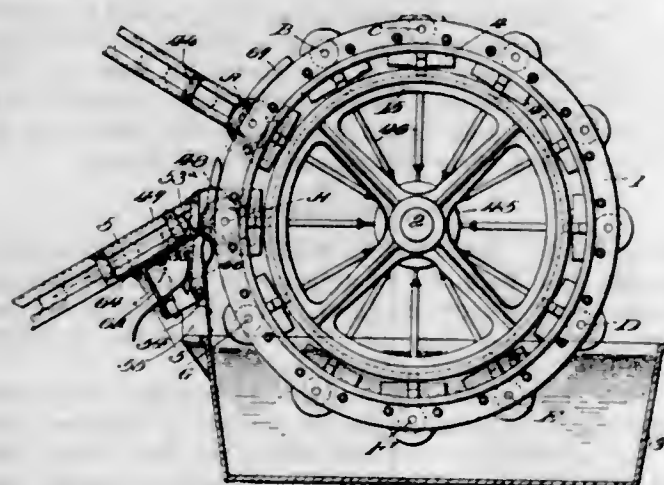
said seam being compressed under high pressure applied both laterally and longitudinally to bring the parts thereof into intimate contact and provide a strong and tight seal without gaskets, linings or the like.

1,645,017. ABSORPTION REFRIGERATING APPARATUS. CARL GEORG MUTERS, Dala-Jarna, and BALTZAR CARL VON PLATEN, Ystad, Sweden, assignors, by mesne assignments, to Electrolux Serv-el Corporation, a Corporation of Delaware. Filed May 16, 1922, Serial No. 561,364, and in Sweden Dec. 6, 1921. 5 Claims. (Cl. 62-5.)



1. In absorption refrigerating apparatus the combination of a generator, an absorber situated above said generator, a condenser and an evaporator connected so as to form closed circulating systems for the cooling agent and the absorption liquid, including a conduit directly connecting the absorber with the generator, a valve inserted in said conduit so as to be entirely enclosed within the apparatus, and means for operating said valve under the control of the variations of the liquid level in the generator, said means being entirely enclosed within the apparatus.

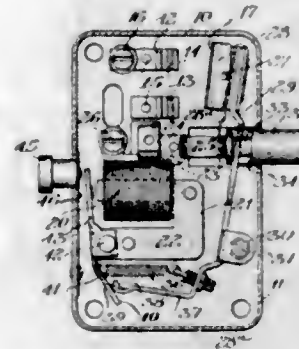
1,645,018. AUTOMATIC CAN-TESTING MACHINE. JAMES H. O'NEIL, Syracuse, N. Y., assignor to Continental Can Company, Inc., New York, N. Y., a Corporation of New York. Filed Feb. 27, 1925, Serial No. 11,991. Renewed Mar. 2, 1927. 14 Claims. (Cl. 73-51.)



1. The method of testing cans for leaks comprising closing a can for testing and subjecting the interior thereof to air pressure, surrounding said can with a non-compressible fluid whereby the pressure of any escaping air

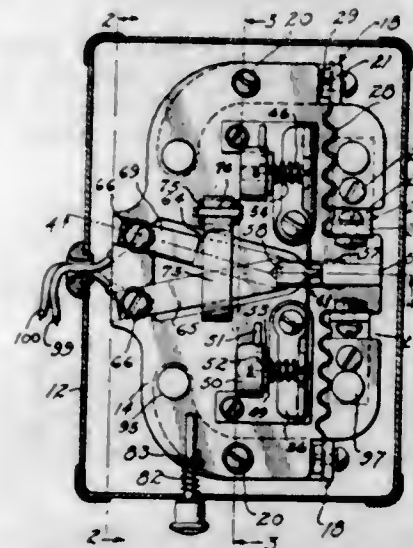
through a leak may be transmitted through said fluid to devices utilized for separating a leaky can from the perfect cans.

1,645,019. ELECTRIC SWITCH. EMIL L. OFFERMAN, Rochester, N. Y., assignor to Precise Manufacturing Corporation, Rochester, N. Y., a Corporation of New York. Filed June 26, 1925. Serial No. 39,681. 6 Claims. (Cl. 200-106.)



1. In an apparatus of the class described, the combination of a circuit controlling switch automatically occupying a given one of a plurality of positions to which the switch is movable, retaining means for holding the switch against said automatic movement, a device included in circuit with the switch for automatically actuating said retaining means to release the switch, an element arranged for inclusion in the circuit and having connections for short circuiting said device, and means for progressively operating the short circuiting element and then the switch.

1,645,020. OVERLOAD RELAY. JOSEPH H. PENGILLY, Los Angeles, Calif., assignor to Brown & Pengilly, Inc., Los Angeles, Calif., a Corporation of California. Filed Dec. 29, 1926. Serial No. 157,797. 4 Claims. (Cl. 200-122.)



1. An overload relay comprising: a throw-out switch; an engager for retaining said throw-out switch closed; an adjustment member; a thermostatic element carried by said adjustment member, said thermostatic element being adapted to operate said engager to release said throw-out switch; adjustment means for adjusting the position of said adjustment member so that said thermostatic element may be made to operate said throw-out switch at the occurrence of a predetermined condition; and a heating element adapted to be connected in an electric circuit, for actuating said thermostatic element.

1,645,021. SAFETY RAZOR. DANIEL ERNEST JOSEPH PETARD, Nice, France. Filed June 11, 1925. Serial No. 36,361, and in France June 22, 1924. 1 Claim. (Cl. 30-12.)

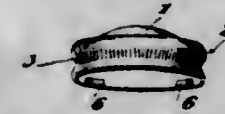
In a safety razor, the combination of a handle having a long screw-threaded bore and a conically shaped inner

end, a separate guard member having a central conical bore adapted to fit the conically shaped end of said handle, a backing element, and a long screw threaded stem



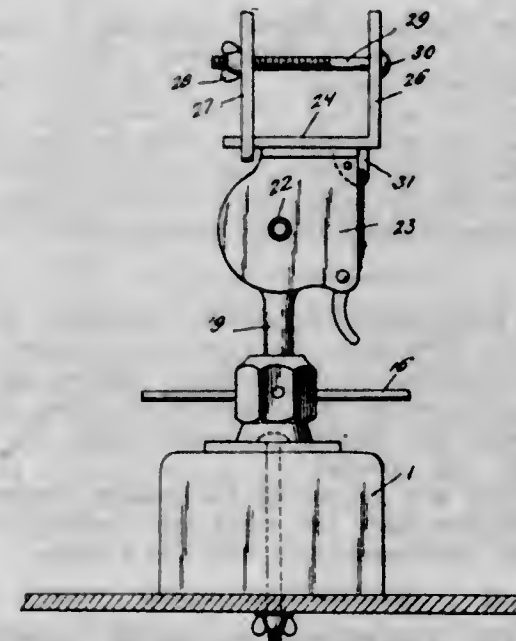
on said backing element adapted to engage the screw-threaded bore in said handle for clamping said backing element in position on said guard member.

1,645,022. CAP AND PACKAGE. ABRAHAM PODEL, Long Island City, N. Y., assignor to Anchor Cap and Closure Corporation, Long Island City, N. Y., a Corporation of New York. Filed Mar. 23, 1925. Serial No. 17,477. 12 Claims. (Cl. 215-44.)



1. A package comprising a container having an interrupted substantially cylindrical surface adjacent the mouth thereof and locking shoulders beneath the cylindrical surface; in combination with a closure having a skirt provided with a circumferential groove grasping said interrupted cylindrical surface and locking projections co-operating with said locking shoulders.

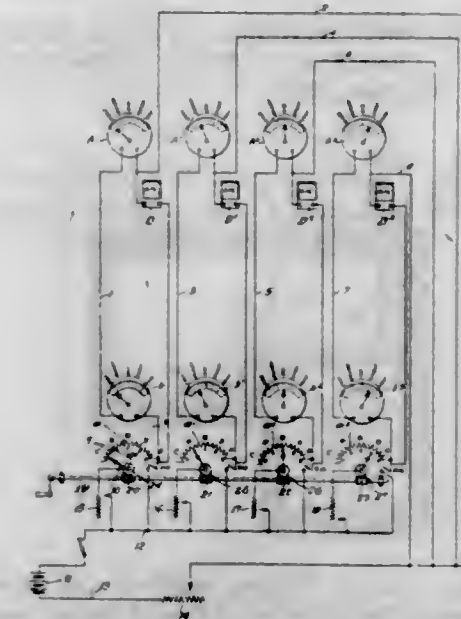
1,645,023. ADJUSTABLE VISE. SIDNEY H. RICHARDS, Inglewood, Calif. Filed Jan. 21, 1926. Serial No. 82,718. 1 Claim. (Cl. 81-41.)



The combination in a vise, of a platform having spaced portions depending therefrom, a toothed disk, said disk disposed between said pendent portions, means pivotally connecting said portions and the disk, a projection on the platform, a detent pivotally mounted between the pendent

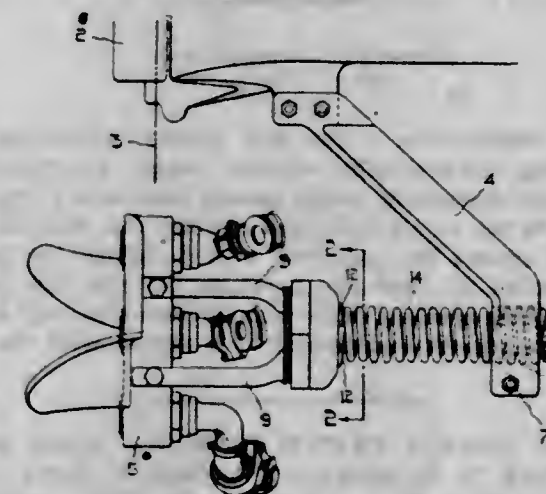
portions of the platform and having a toe to engage the toothed portion of the disk, a flat spring connected to the projection on the platform and the detent for yieldingly maintaining the latter in engagement with the toothed disk, and vise jaws mounted on the platform.

1,645,024. COORDINATING SIGNALING SYSTEM. JOSEPH E. ROBIN, New York, N. Y. Filed Apr. 21, 1921. Serial No. 463,324. 3 Claims. (Cl. 177-337.)



1. A signaling system for conveying information to persons at a plurality of stations to enable them to coordinate their activities, comprising a plurality of electrically operated indicating devices one of which is located at each station, each indicating device being adapted to give a plurality of indications which per se are of different character; a plurality of signal-determining devices one corresponding to each indicating device, said signal-determining devices being individually adjustable to provide for the production simultaneously of different indications at the different stations; circuit connections operatively connecting each signal-determining device with its respective indicating device whereby upon energization of the circuits each indicating device gives an indication in accordance with the setting of its signal-determining device; and means to simultaneously energize all of said circuits to produce indications at all of the stations simultaneously.

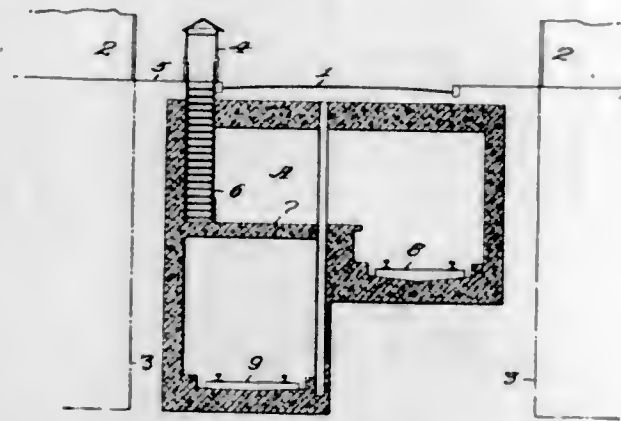
1,645,025. AUTOMATIC TRAIN-PIPE CONNECTER. EDWARD A. ROBINSON, Montreal, Quebec, Canada, assignor to himself and Ellison Edward Workman, Montreal, Canada. Filed May 13, 1921, Serial No. 469,188, and in Canada May 12, 1921. 9 Claims. (Cl. 285-24.)



1. In an automatic train pipe connector of the type operating in conjunction with and in a plane parallel to the plane of a car coupler, the combination with the con-

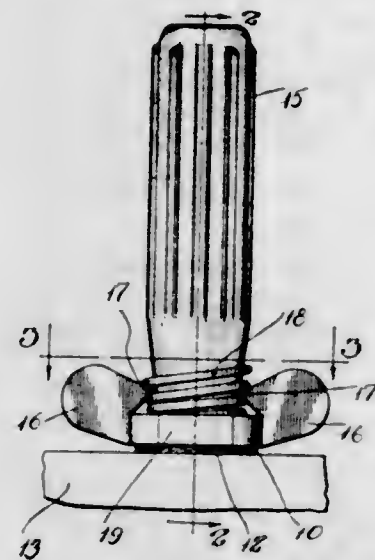
necter head and means for supporting the same from the car coupler, a combined buffing and adjusting mechanism consisting of a yielding member connected at one end to the supporting means to adjust angularly with rotation of the mechanism; means for connecting the opposite end in rotatably adjustable position to the connector head with rigid immovable connection during normal operating conditions; and means for releasing the last mentioned end of the yielding member when adjustment is required.

1,645,026. TRANSIT SYSTEM. PHILIP SACHS, New York, N. Y. Filed July 3, 1925. Serial No. 41,284. 10 Claims. (Cl. 104—28.)



1. A subway system having uptown and downtown passenger loading platforms at different points along the line, the uptown track running beneath the downtown loading platform, and the downtown track running beneath the uptown loading platform.

1,645,027. DUST CAP AND RIM NUT CONNECTION FOR TIRE-VALVE STEMS. CHARLES T. SCOTT, Upperville, Va. Filed Oct. 2, 1926. Serial No. 139,119. 2 Claims. (Cl. 152—12.)

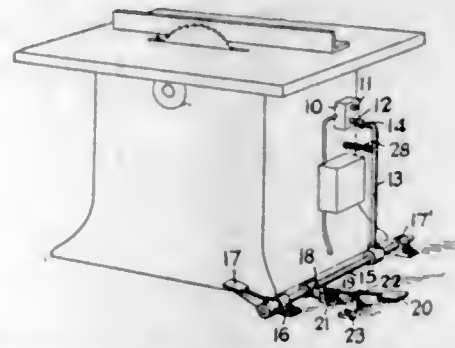


1. In combination, a rim nut having upstanding and outstanding diametrically opposed wings, presenting inwardly and oppositely facing spaced lugs, and a dust cap adapted to set at its open end against the rim nut and provided around its open end with a spring, the spring being secured at least one point to the cap and having the remaining portions of its convolutions free, said spring being arranged for engagement as a thread with the said lugs.

1,645,028. SAFETY SWITCH CONTROL. HARRY STONE, New York, N. Y., assignor of one-half to Harry Jacobson, New York, N. Y. Filed May 26, 1925. Serial No. 32,939. 4 Claims. (Cl. 74—81.)

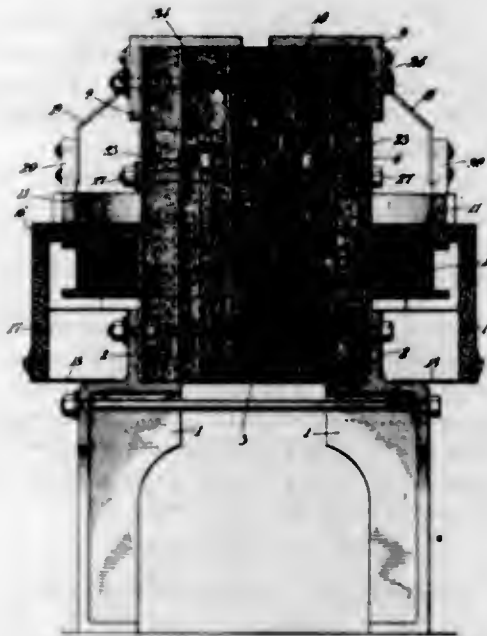
1. In a switch cut-off, a pedal, a shaft carrying said pedal, means for supporting said shaft, a one-piece ver-

tically arranged rod mounted on said shaft for rotation therewith, a horizontally bent portion at the upper extremity of said rod, adapted to engage a switch arranged



in spaced relation to said pedal, and a compression spring adapted normally to maintain said bent portion out of contact with said switch.

1,645,029. ELECTRIC HEATING APPARATUS. JOHN P. SUNDERLAND, Port Chester, N. Y., assignor to The Calorac Electric Corporation, a Corporation of New York. Filed Nov. 22, 1926. Serial No. 149,846. 12 Claims. (Cl. 219—47.)



1. Electric heating apparatus comprising a magnetic transformer core with an alternating current primary winding associated therewith, the device to be heated being linked with said core to form a secondary circuit, part of said core being removable from the rest of the core to permit of the insertion and removal of the device to be heated, and the said parts of said core being held against substantial chattering by electro-magnetic action.

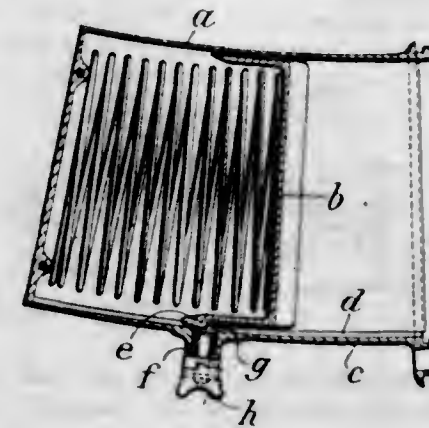
1,645,030. PREPARED FIREPROOF MORTAR. ROBERT L. TAYLOR, Pittsburgh, Pa., assignor, by direct and mesne assignments, to Toupet-Taylor Engineering Company, a Corporation of Pennsylvania. Filed Jan. 5, 1923, Serial No. 610,903. Renewed Aug. 13, 1927. 5 Claims. (Cl. 106—24.)

1. A mortar mix containing the residue obtained by burning coal mine slate and waste and commonly known as "red dog", ferro-manganese slag, and a blinder.

1,645,031. CARTRIDGE MAGAZINE. RUDOLF VON FROMMER, Budapest, Hungary. Filed Aug. 23, 1921, Serial No. 494,550, and in Hungary June 8, 1918. 1 Claim. (Cl. 42—50.)

An attachable cartridge magazine for rifles and similar fire-arms comprising, in combination with the feeder-plate

and the feeder-spring acting upon the said feeder-plate, a movable catch for the feeder-plate mounted on said maga-



zine intermediate the ends of the stroke of the feeder-plate, and means for moving the catch into or out of the path of the said feeder-plate.

1,645,032. BOX AND PIN COUPLING. ROBERT A. WILSON, Dallas, Tex., assignor to The Guilberson Corporation, Dallas, Tex., a Corporation of Delaware. Filed June 14, 1926. Serial No. 116,031. 3 Claims. (Cl. 285—149.)

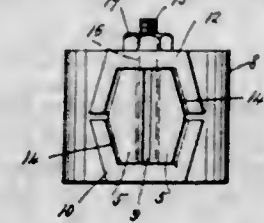


1. A box and pin coupling comprising in combination, a pin member, a pin carried by the pin member and having longitudinally extending and circumferentially spaced screw thread panels on opposite sides thereof, said pin panels having their vertical edges inclined in the same direction, and a box member having a well for receiving the pin, said box well having longitudinally extending and circumferentially spaced screw thread panels on opposite sides thereof, the box panels also having their vertical edges inclined in the same direction, the gaps between the thread panels of the box being substantially constant in width throughout their lengths, the inclination of the panels and gaps imparting a slight rotation to the pin as it is inserted in the well of the box.

1,645,033. BATTERY CONNECTER. JAMES J. WITKOWSKI, Albion, N. Y. Filed Aug. 27, 1926. Serial No. 131,888. 3 Claims. (Cl. 173—259.)

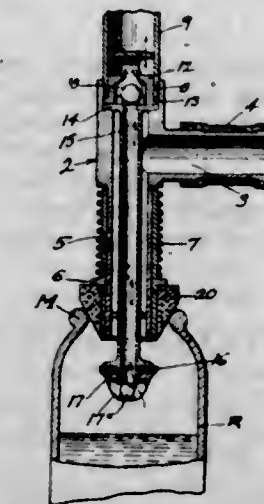
1. A battery connector, comprising a split sleeve for engaging with the battery post, said sleeve having two laterally projecting clamping arms provided with tapering

sides, an upper clamping member and a lower clamping member engaging with the said sides, the said upper member having a bolt hole, a bolt which projects from



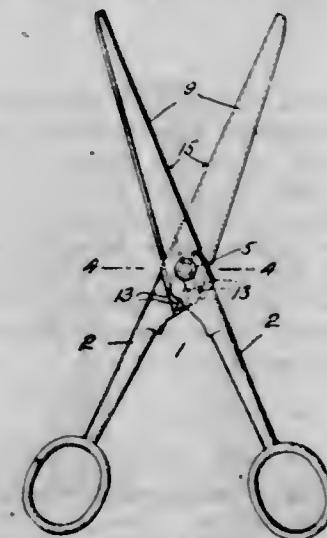
the lower clamping member parallel to the axis of the said sleeve and through the said bolt hole, and a clamping nut screwed on the projecting end portion of the said bolt.

1,645,034. MILK-BOTTLE FILLER. FRANK CHARLES WOLF, Los Angeles, Calif. Filed May 5, 1922. Serial No. 558,623. 2 Claims. (Cl. 226—121.)



1. A bottle filler comprising in combination a tubular shell having a lateral branch adapted to be fitted to a source of supply, a nozzle slidably mounted on the lower end of the shell, a compression spring between the nozzle and the shell, a vent tube extending upwardly from the top of the shell, a handle attached thereto, an air vent pipe extending through the shell and connected to the upper end thereof, the connection forming a top closure for the shell, a float valve on the upper end of the air vent pipe adapted to discharge into the air vent tube but prevent flowing of liquid therein.

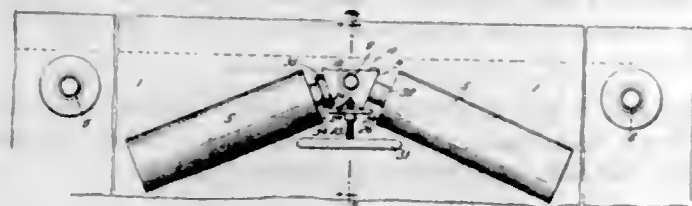
1,645,035. SCISSORS. WILLIAM A. ZEIDLER, New York, N. Y., assignor to Hurlburt Research Corporation, New York, N. Y., a Corporation of Delaware. Filed Aug. 21, 1925. Serial No. 51,579. 6 Claims. (Cl. 30—13.)



1. In a device of the class described, two scissor elements connected by a pivot, a removable blade on each of said elements, said blade having two flanges, one of

which is at the cutting edge and the other opposite the cutting edge and at an angle thereto whereby each blade is properly held on its scissor element, and a snap lock formed integrally with each blade to lock it to its element.

1,645,036. LINEN-STRAIGHTENING MECHANISM FOR LAUNDRY MANGLES. GEORGE M. BACON, Salt Lake City, Utah, assignor to A. K. Morgan, Chicago, Ill. Filed Jan. 21, 1925. Serial No. 3,744. 12 Claims. (Cl. 26—63.)

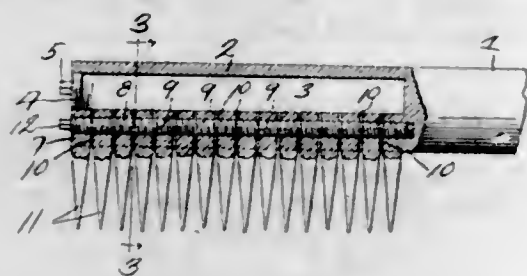


1. A linen wrinkle-straightening mechanism comprising a table, power driven rollers, rotatably supported above and in cooperative relation to said table, for engaging and straightening wrinkles in linen inserted between the table and the rollers and for feeding the linen across the table, said rollers being rotatable at an angle to each other and to the direction of feed across the table.

1,645,937. ABRASIVE SHEET MATERIAL. GUSTAVE E. BEHR, Jr., Brooklyn, N. Y., assignor to National Lead Company, New York, N. Y., a Corporation of New Jersey. Filed Aug. 11, 1922. Serial No. 581,275. 17 Claims. (Cl. 51—279.)

1. The method of making flexible abrasive sheet material which consists in combining with a sheet cellulose base, a waterproofing agent impregnated through the fibres thereof, and a separately applied grit-holding coating of adhesive, miscible with said agent but different therefrom.

1,645,038. FOUNTAIN COMB. WILLIAM J. BORER,
Genoa, Nebr. Filed Feb. 3, 1926. Serial No. 85,691.
1 Claim. (Cl. 132-13.)

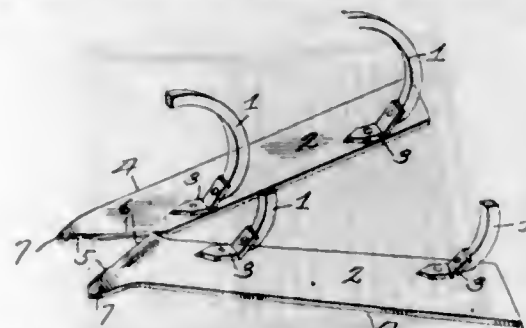


A hair dyeing comb comprising a handle member, a dye receiving reservoir carried by one end of the handle member, a valve casing below the reservoir, a plurality of teeth depending from the valve casing and having ports connecting the spaces therebetween with the reservoir through the valve casing and a threaded valve threaded through the valve casing between the teeth and the reservoir and extending the full length of the casing of the reservoir and having ports therein adapted to register with the first mentioned ports.

1,645,039. CULTIVATOR KNIFE. EDWIN H. BUAKS,
Trent, Tex. Filed July 14, 1926. Serial No. 122,361.
1 Claim. (Cl. 97-207.)

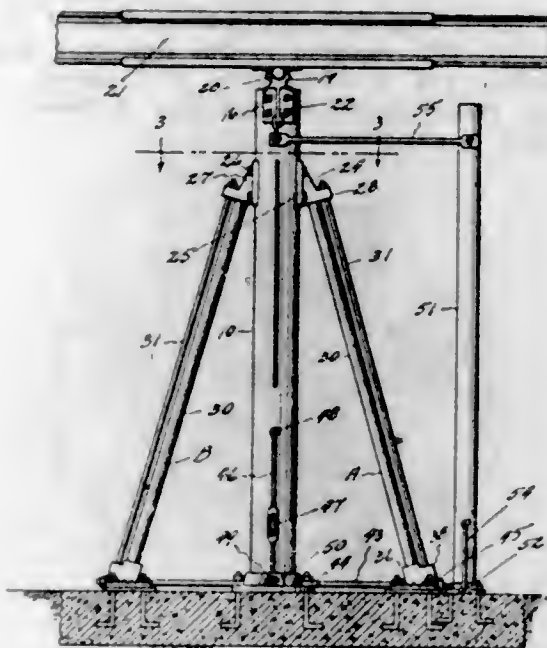
A weed cutter comprising horizontally disposed rearwardly diverging knives, cutter edges carried by the outer sides of said knives, diverging cutter edges carried by the forward ends of the knives, said diverging cutter edges

having rearwardly converging upturned portions, the rear ends of the upturned converging portions substantially engaging each other, the forward ends of said diverging



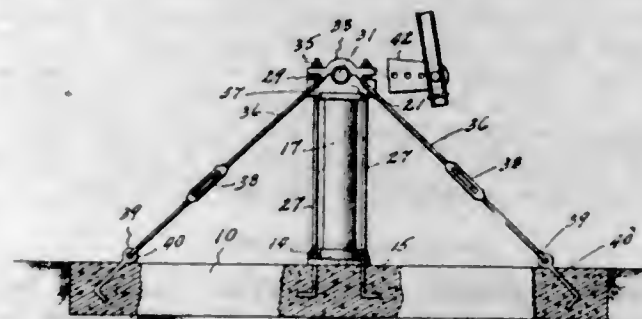
cutter edges being carried by downwardly and forwardly extending V-shaped portions of the forward corners of the blades.

1,645,040. WALKING-BEAM MOUNTING. WILLIAM
CLARKSON, Jr., Corsicana, Tex. Filed Dec. 6, 1926.
Serial No. 153,029. 4 Claims. (Cl. 308-25.)



3. In a walking beam mounting, the combination of a Samson post, a bracket secured to the post at its upper portion having a socket and a lug, a foot member, spaced from the base of the post and having a socket and a lug, a brace member having its upper and lower ends seated in the sockets of the brackets and the foot member, a tie rod extending parallel to the brace having its ends engaging in the lugs, and means for tensioning the tie rod to fasten the brace.

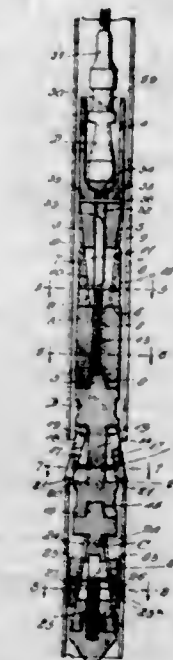
1,645,041. JACK-POST STRUCTURE FOR OIL-WELL
RIGS. WILLIAM CLARKSON, Jr., Corsicana, Tex. Filed
Dec. 6, 1926. Serial No. 153,030. 4 Claims. (Cl.
308—25.)



1. In a jack post structure, the combination of a base member having a socket and opposite housed ears, a post having its lower end fitting in the socket of the base

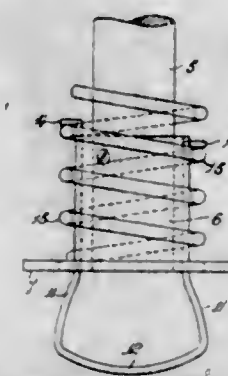
member, a cap mounted on the post, a brace block mounted on the cap and held against displacement thereon, said block having a bearing boss at its center, hook ears provided on each side of the block, connecting rods having their ends secured to the housed ears of the base member and the hook ears of the block, and braces having their upper ends hooked over the hook ears of the block.

1,645,042. CASING COUPLER. CURTIS M. CLAYPOOLE
and ALVIN J. ESHENBAUGH, Butler, Pa. Filed Sept. 5,
1925. Serial No. 54,834. 11 Claims. (Cl. 294-96.)



1. A coupler of the character described comprising a body having a central longitudinal bore and a cross passage intersecting said bore, sliding grippers at opposite sides of the body, a cross piece in said cross passage and connecting said grippers, a spring acting on said cross piece for projecting the grippers, a member adapted to be attached to a cable and having a plunger pin adapted to be fitted in said bore and engaged with the cross piece for exerting pressure thereon to hold the grippers retracted, and a fractureable pin for directly connecting said plunger with the coupler body.

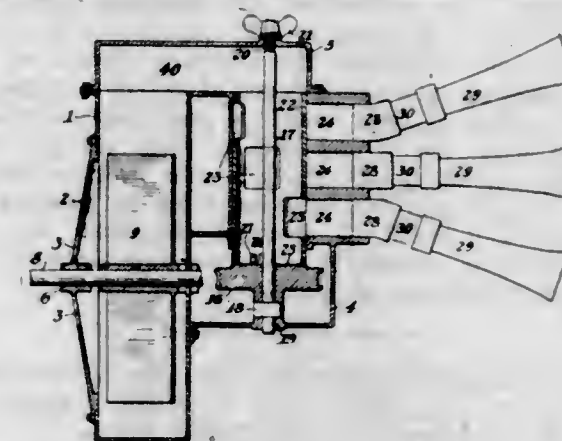
1,645,043. MOP AND THE LAKE. JAMES DIXON and THOMAS DIXON, Barnoldswick, England. Filed May 29, 1923, Serial No. 642,273, and in Great Britain Oct. 24, 1922. 4 Claims. (Cl. 15-151.)



1. A mop comprising a handle having an abutment at the end thereof, a clamping member carried by the handle for movement toward and from the end thereof for clamping to the end the cleaning elements to be used, said member having a tongue projecting therefrom, and a helical spring rotatable on the handle and against said abutment, said tongue engaging with a turn of the spring so as to be resiliently cammed thereby, upon rotation of the spring, in a direction to draw the clamping member toward the end of the handle for resiliently anchoring the cleaning elements thereto.

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1,645,044. HORN, EMIL DUTTLINGER, Detroit, and HANSWERNER SPEYER, Dearborn, Mich. Filed Oct. 2, 1926. Serial No. 139,189. 1 Claim. (Cl. 116-141.)



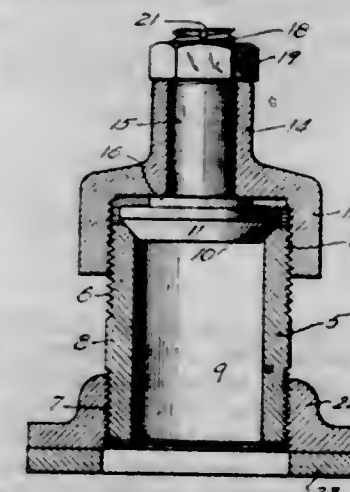
A device of the character described comprising a housing having a casing attached thereto, a fan rotatably mounted in said housing, said housing and said casing having a passage therethrough located substantially tangentially to said fan adapted to receive air discharged from the latter, said casing having a cylindrical opening therein, a sleeve in said opening having radial apertures therethrough, said casing having radial openings there-through adapted to register with said sleeve apertures, said sleeve having one open end located at the end of said air discharge passage, means for turning said sleeve when said fan rotates, and a horn mounted in said casing registering with each radial opening therethrough.

1,645,045. INKING DEVICE FOR OBTAINING UNIFORM PRINTING ON LAMP BULBS. MARK N. FREDENBURGH, East Orange, N. J., assignor to Westinghouse Lamp Company, a Corporation of Pennsylvania. Filed Mar. 17, 1926. Serial No. 95,230. 11 Claims. (Cl. 101-360.)



1. An ink feeding device comprising a container for ink, an ink feeding member, means for moving said ink feeding member into and out from said container, and an inking member, means for moving said inking member over a portion of the length of said ink feeding member to receive ink from said ink feeding member for application to a printing member.

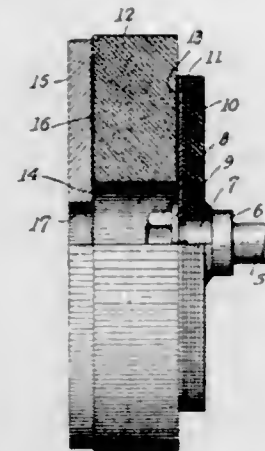
1.645,046. WASHOUT PLUG FOR LOCOMOTIVE
BOILERS. PETER F. GALLAGHER, Coffeyville, Kans.
Filed Nov. 6, 1924. Serial No. 748,025. 1 Claim.
(Cl. 220-39.)



In a washout plug for locomotive boilers, the combination of a sleeve constructed of a section of steel tubing, separate threads at the opposite ends of said sleeve, the

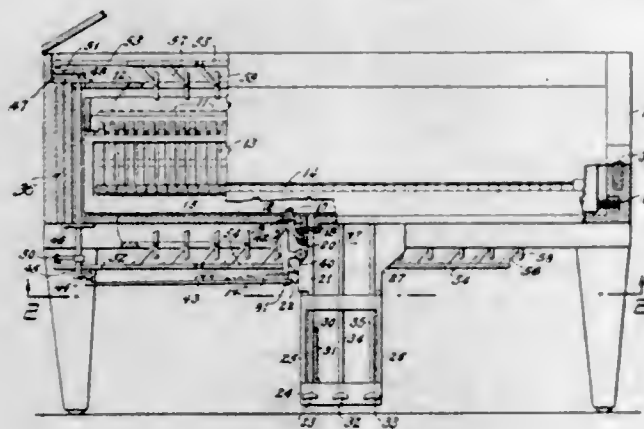
inner end of said sleeve being adapted to be screwed into the boiler, a conical valve seat in the outer end of said sleeve, a conical valve adapted to engage on said seat, a cap fitting over said valve and screwing down over the outer end of said sleeve, said cap having a tubular neck extending therefrom, the separate threads at the opposite ends of said sleeve being of different pitches to prevent seating of said valve if said cap should be assembled over the wrong end, a stem integral with said valve extending out through said neck, a kerf in the end of said stem for receiving a bit for rotating the valve back and forth in grinding the same upon its seat, a thread on the end of said stem, and a nut screwed down over the thread on said stem.

1,645,047. BUFFING DEVICE. WILLIAM L. GOODSTEIN, Yonkers, N. Y. Filed July 31, 1926. Serial No. 126,109. 3 Claims. (Cl. 15—230.)



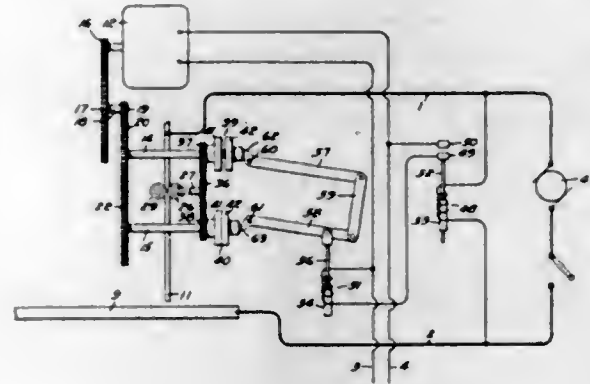
1. A polishing head comprising a soft felt disc, a cushion pad of greater diameter and far greater thickness, said pad being adapted to absorb heat, a semi-yieldable backing for said pad, means to cause adhesion between said elements, and an arbor fixed in said backing to drive the head.

1,645,048. TONE CONTROL OPERABLE SUCCESSIVELY IN A PREDETERMINED MANNER. JOHN HAYS HAMMOND, Jr., Gloucester, Mass. Filed May 5, 1925. Serial No. 28,168. 13 Claims. (Cl. 84—182.)



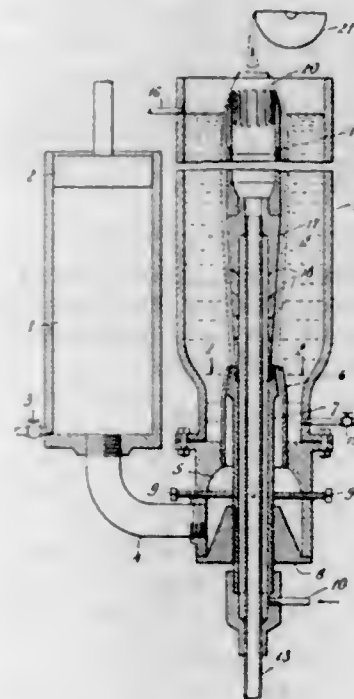
1. A tone modulating system for a pianoforte, comprising a tone modulating pedal, means effective for suppressing the musical sound emitted from the pianoforte, a pianissimo action for controlling the initial volume of musical sound produced by the strings of the pianoforte, and means operatively interconnecting the pedal, the sound suppressing means and the pianissimo action arranged so that actuation of the pedal first operates the sound suppressing means and thereafter the pianissimo action.

1,645,049. ARC-WELDING SYSTEM. ALBERT K. HARTFORD, Oakland, Calif., assignor to New Metal Products Company, Emeryville, Calif., a Corporation of California. Filed June 3, 1926. Serial No. 113,404. 4 Claims. (Cl. 219—8.)



1. In an arc welding system, a welding electrode, a source of welding current, means for feeding said electrode with respect to the work upon which a weld is to be made, and means responsive to variations in potential across the arc for maintaining a given average potential across the electrode and work, and adjustable means for changing the value of said average potential.

1,645,050. SAUSAGE CASING, ETC. WILLIAM FRANKLIN HENDERSON, Pittsburgh, Pa., assignor, by mesne assignments, to Visking Corporation, Chicago, Ill., a Corporation of Virginia. Filed May 12, 1924. Serial No. 712,640. 10 Claims. (Cl. 17—45.)

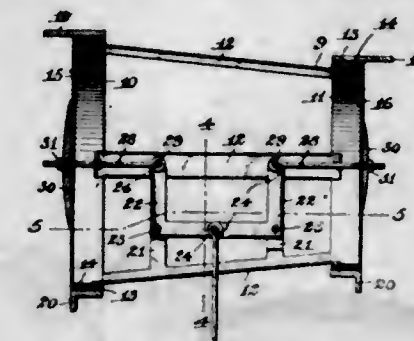


1. An artificial, thin-walled, seamless, tubular sausage casing prepared from plastic material such as cellulose hydrate, said casing being more extensible on one side than on the other so that the casing when stuffed is of curved shape.

1,645,051. SOUND-REPRODUCING DEVICE. PERRY Y. HODGE, Niagara Falls, N. Y. Filed Aug. 1, 1923. Serial No. 655,087. 6 Claims. (Cl. 274—35.)

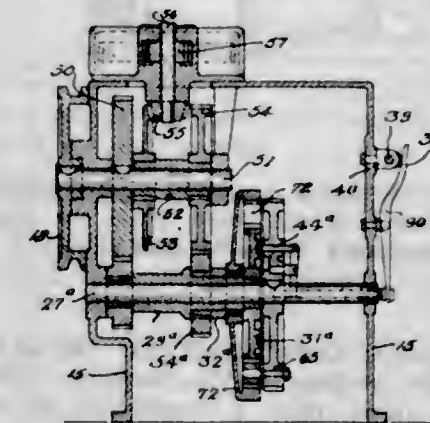
1. In a device of the class described, the combination with a sound box of two open end frames constructed

of non-yielding material, and arranged within said sound box, longitudinal connector members connecting said end



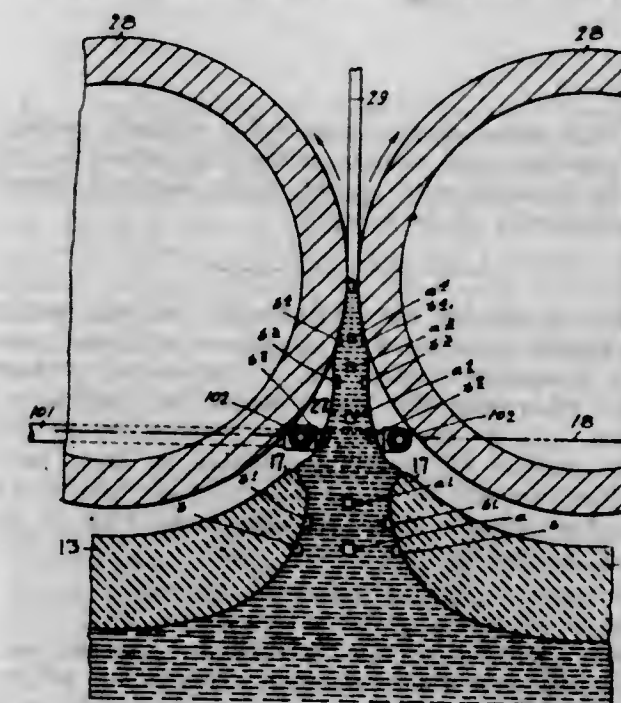
frames, co-axial diaphragms carried by said end frames, and means connected axially with said diaphragms to cause the same to vibrate contrariwise in unison.

1,645,052. WIRE-DRAWING MACHINE. JAMES A. HORTON, Worcester, Mass. Filed Dec. 23, 1922. Serial No. 608,714. 7 Claims. (Cl. 205—13.)



1. In a continuous wire-drawing machine, two dies, two drums driven through planetary gearing, two other dies, two other drums, driven by other planetary gears, and an electric motor, comprising two members both of which are adapted to revolve, one member driving one planetary system, and the other member driving the other planetary system, whereby all the drums are in one compensating system.

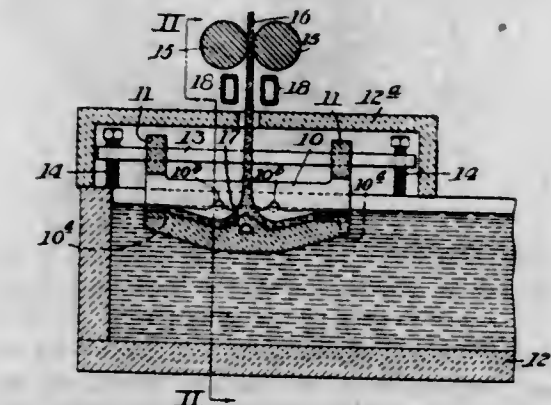
1,645,053. METHOD OF AND APPARATUS FOR FORMING SHEET GLASS. GEORGE E. HOWARD, Butler, Pa., assignor to Hartford-Empire Company, Hartford, Conn., a Corporation of Delaware. Filed Feb. 6, 1926. Serial No. 86,518. 17 Claims. (Cl. 49—17.)



1. The method of drawing sheet glass which comprises advancing a stream of glass upwardly through an orifice

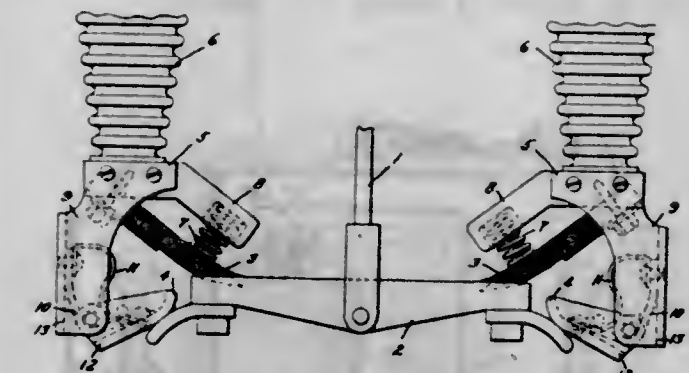
into operative engagement with a pair of sheet-forming rolls, and varying the angular position of the rolls with respect to the orifice, in a horizontal plane, in accordance with the temperature of the glass.

1,645,054. METHOD OF AND APPARATUS FOR FORMING SHEET GLASS. GEORGE E. HOWARD, Butler, Pa., assignor to Hartford-Empire Company, Hartford, Conn., a Corporation of Delaware. Filed Oct. 13, 1926. Serial No. 141,278. 26 Claims. (Cl. 49—17.)



1. The method of forming sheet glass, which comprises setting up a flow of molten glass downwardly from opposite directions to opposite sides of a dividing member, to form a pool, and drawing a sheet of glass from said pool.

1,645,055. ELECTRIC SWITCH. HERMAN J. H. HUBER, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Nov. 22, 1922. Serial No. 602,629. 3 Claims. (Cl. 200—146.)



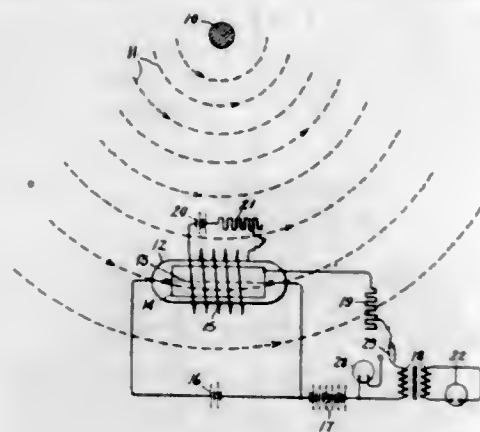
2. In a switch, a flexible contact brush, a movable bridging member designed to cooperate therewith, resilient means for maintaining good contact between said brush and said bridging member, and a fixed support for said brush constructed and arranged to maintain said means in operative relation with said brush, a portion of said support being spaced from said brush and adapted to limit the deflection thereof when engaged by said bridging member.

1,645,056. PNEUMATIC BUMPER. WILLIAM JERRAE, San Francisco, Calif. Filed Sept. 8, 1926. Serial No. 134,225. 3 Claims. (Cl. 293—55.)



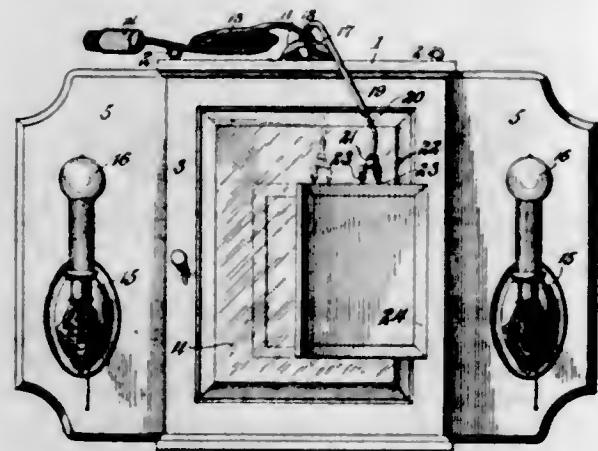
3. A bumper having in combination a main spring, leaf springs behind said main spring, slots in said leaf springs, and bolting means for slidably attaching said slotted leaf springs to said main spring.

1,645,057. THERMIONIC CURRENT TRANSFORMER. LAWRENCE H. JUNKEN, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Dec. 29, 1925. Serial No. 78,229. 5 Claims. (Cl. 175-183.)



3. A high voltage power cable and means for obtaining a current responsive to the current flowing in said cable comprising a magnetron tube positioned with its axis at right angles to the axis of said cable and on one side thereof within the influence of the magnetic whirl of said cable, an output circuit for said tube, means for producing a constant flux along the axis of said tube of such a strength as to limit the output current of said tube, and current responsive means associated with the output circuit of said tube.

1,645,058. PORTABLE WALL CABINET. ROBERT P. KING, Greensboro, N. C. Filed Apr. 14, 1925. Serial No. 23,000. 2 Claims. (Cl. 211-7.)

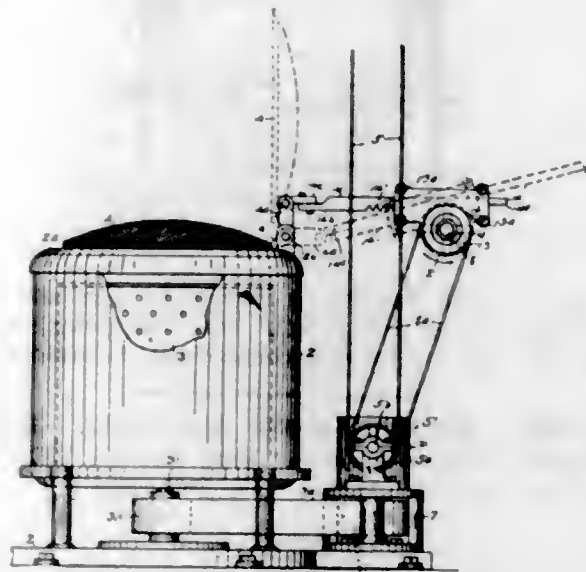


1. A portable bathroom cabinet comprising a cabinet box having a mirror door at the front; side wings secured to the box against the rear wall to provide a space for electric cable in the rear of the box; and electric lamps carried by said wings arranged behind the plane of the mirror to project light in front of the mirror without being reflected therefrom.

1,645,059. LOCKING MECHANISM. WILLIAM P. KING, Syracuse, N. Y. Filed Jan. 13, 1927. Serial No. 160,920. 10 Claims. (Cl. 192-136.)

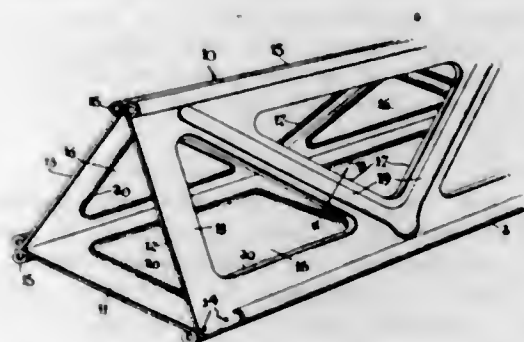
1. In a locking mechanism for power driven laundry extractor and the like, the combination with the cover of the extractor, and a source of power, of a pinion adapted to be driven by said power, and a rack bar connected to said cover adapted to be held free from said

pinion while the cover is closed, said rack adapted to engage the teeth of the pinion at the initial opening



movement of the cover, and said pinion adapted to prevent the opening of the cover while the extractor and said pinion are being driven by said power.

1,645,060. TRUSS CONSTRUCTION. HERMAN T. KRAFT, Akron, Ohio, assignor to The Goodyear Tire & Rubber Company, Akron, Ohio, a Corporation of Ohio. Filed July 11, 1925. Serial No. 43,006. 9 Claims. (Cl. 189-37.)



1. A rigid metal support comprising elongate members riveted together and tubular reinforcing elements symmetrically arranged with respect to the members extending longitudinally of the support.

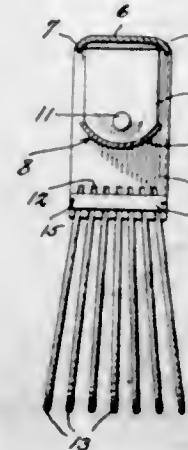
1,645,061. METHOD OF BLEACHING PAPER PULP. OTTO KRESS, Appleton, Wis., assignor to American Lakes Paper Company, Chicago, Ill., a Corporation of Delaware. Filed Aug. 21, 1924. Serial No. 733,280. 5 Claims. (Cl. 8-2.)

1. The method of bleaching sulphate or kraft paper pulp which consists in subjecting the same first to the action of a chlorine bleaching agent and then to the action of a sulphite.

1,645,062. MINER. CLARA BIRCHARD LAMBERT, Pasadena, Calif. Filed Feb. 12, 1927. Serial No. 167,795. 4 Claims. (Cl. 259-144.)

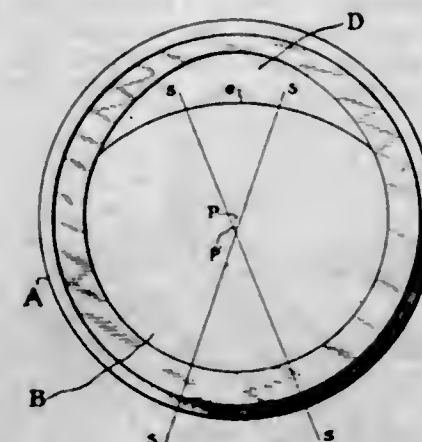
2. In a device of the character described, a body portion having right angled end portions, a bar having right

angled end portions secured to the right angled end portions of the body portion to hold the first mentioned right



angled end portions in spaced relation with each other, and curved wires having their ends secured to the right angled ends of the body portion.

1,645,063. PROJECTOR. STATES LEE LEBRY, Corning, N. Y. Filed May 20, 1924. Serial No. 714,686. 7 Claims. (Cl. 240-41.)

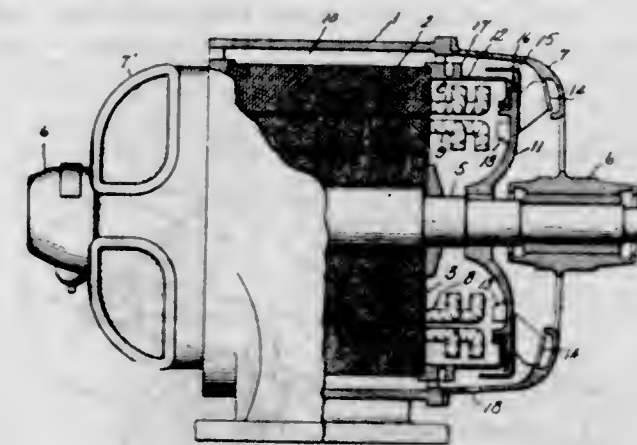


1. A concavo-meniscus lens having a reflecting rear surface of symmetrical curvature, the marginal portions of which have a high spherical aberration and a concave face spherical throughout its greater extent to form with the rear face a marginal prism sufficient to substantially correct such aberration, and having a restricted marginal portion, formed by rotating a curve radially tangent to the spherical portion of the concave face around an axis intersecting the principal axis at the center of curvature of the concave face, forming with the rear face a prism of less angle and of less power of correction radially of the lens.

1,645,064. VENTILATION OF DYNAMO-ELECTRIC MACHINES. GEORG LEWINNEK, Berlin, Germany, assignor to General Electric Company, a Corporation of New York. Filed Oct. 26, 1925, Serial No. 64,892, and in Germany Nov. 15, 1924. 5 Claims. (Cl. 171-252.)

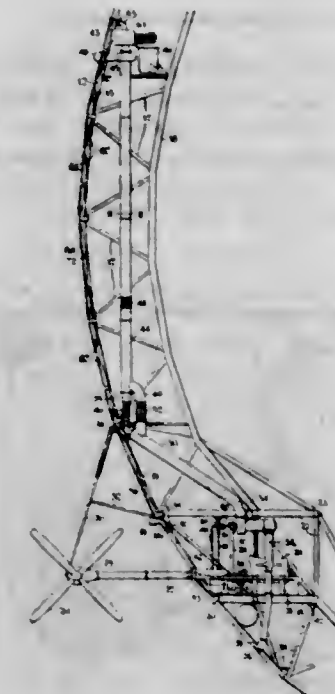
1. In a dynamo-electric machine, a rotor, a stator frame having an annular extension, means cooperating with said extension to form a closed chamber inside the stator frame including a plate carried by said rotor hav-

ing a flange spaced from and surrounding said extension to deflect air away from the space therebetween, means



including a fan for directing air over said flange and around said chamber, and means carried by the rotor for circulating air inside said closed chamber.

1,645,065. BALLAST RECOVERER FOR AIRSHIPS. HERMAN RICHARD LIEBERT and WILHELM FISCHER, Akron, Ohio, assignors to Goodyear-Zeppelin Corporation, Akron, Ohio, a Corporation of Delaware. Filed May 5, 1926. Serial No. 106,842. 9 Claims. (Cl. 244-31.)

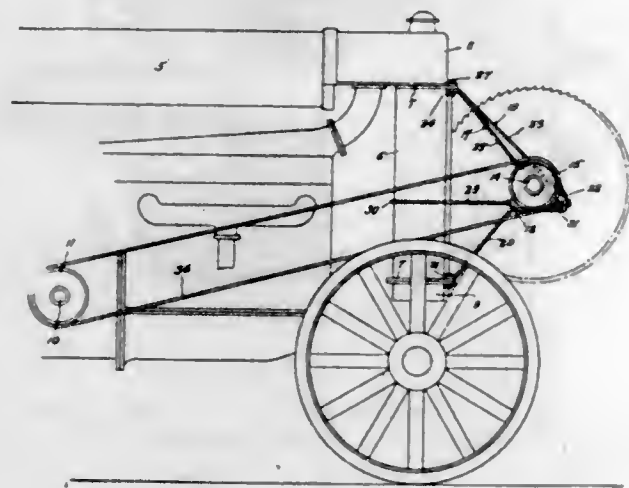


1. A ballast water recoverer for an airship provided with an internal combustion engine and comprising means for conveying exhaust gases therefrom, a conduit surrounding the means, a device operated by the engine for drawing a current of air from the atmosphere through the conduit, a condenser exposed to the atmosphere and a soot collecting device connected to the exhaust conveying means and to the condenser.

1,645,066. SAWING ATTACHMENT FOR TRACTORS. JOSEPH MIKOTTIS, Greenwood, Wis. Filed July 29, 1926. Serial No. 125,810. 1 Claim. (Cl. 143-43.)

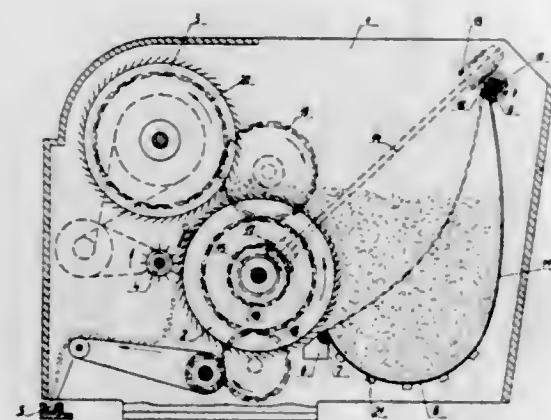
In a sawing machine for tractors, a shaft supporting board, a shaft journaled longitudinally upon the board and having a pulley and circular saw, a pair of supporting brackets upon which the board rests, said brackets being constructed for rigid attachment to the front end of the tractor, a driving connection between the pulley of

the shaft and the pulley of the tractor power shaft, a pair of relatively elongated tie rods having their ends hooked for engagement over the inner edges of the radiator side members of the tractor and their other ends threaded, said board being provided with openings through



which the threaded ends project, said brackets being provided with openings through which the threaded ends project, nuts on the extremities of the threaded ends, a pair of nuts on each of the tie rods, one to each side of the board whereby the board may be adjusted on the brackets to tighten or loosen the belt.

1,645,067. FEEDING MECHANISM FOR CIGARETTE MACHINES. CARL WILHELM MÜLLER, Hosterwitz, near Dresden, Germany, assignor to "Universelle" Cigaretten-Maschinen-Fabrik J. C. Müller & Co., Dresden, Germany. Filed Jan. 26, 1927, Serial No. 163,782, and in Germany Feb. 2, 1926. 1 Claim. (Cl. 131-39.)

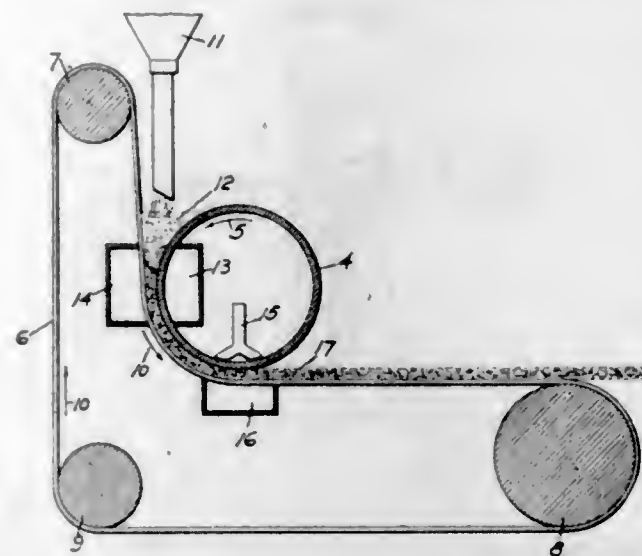


A tobacco spreading machine comprising in combination a receiving drum for the tobacco, an apron depending between its two ends, means for rolling up the apron located considerably higher than the axis of the receiving drum, one end of the apron being fixed close to the periphery of the receiving drum and the other end to the means for rolling up the apron, and means for continuously driving the said rolling-up means, as and for the purpose set forth.

1,645,068. MACHINE FOR MAKING A FIBER COMPOSITION. WILLIAM G. O'BRIEN, Akron, Ohio, assignor to The Goodyear Tire & Rubber Company, Akron, Ohio, a Corporation of Ohio. Filed Oct. 2, 1922, Serial No. 591,955. 1 Claim. (Cl. 92-39.)

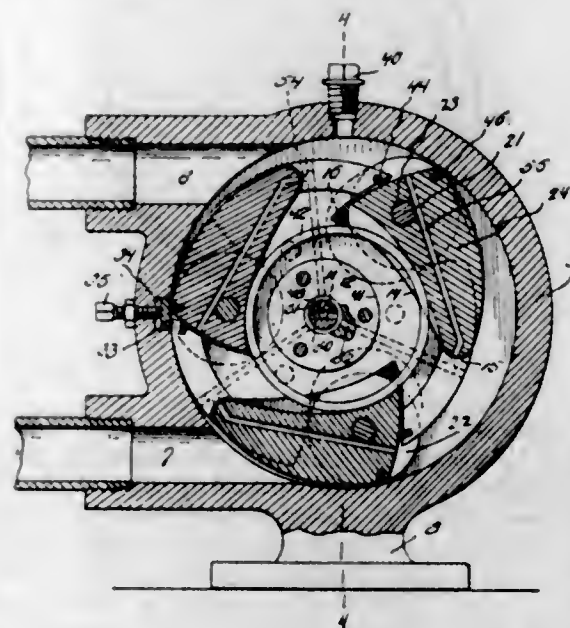
A machine for forming continuous sheets of felted rubberized material, comprising a foraminous cylinder having a suction box extending therewithin and adapted to apply

suction to the wall of the cylinder, a spray device adapted to spray a rubber precipitant, projecting into the cylinder below the suction box, drums associated with the cylinder, an endless foraminous belt passing beneath the



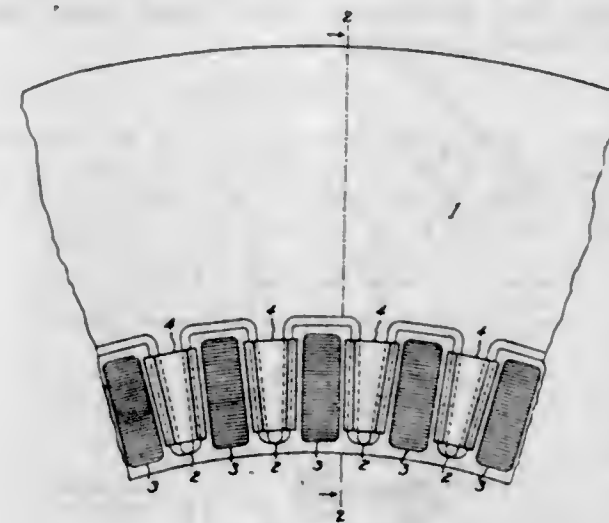
cylinder and encircling the drums, said belt having a horizontal portion for transporting the felted material and an inclined portion adjacent the suction box and on which the mat is formed, tangent to the cylinder and means for discharging rubberized pulp between the cylinder and the belt.

1,645,069. ROTARY PUMP. FRANCIS C. PETERSON, Everett, Wash., assignor to Peterson & Nethaway, Everett, Wash., a Corporation. Filed Jan. 15, 1927, Serial No. 161,352. 1 Claim. (Cl. 103-140.)



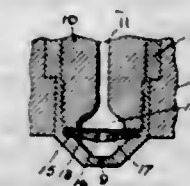
In a pump, a cylindrical stator casing having an outlet and an inlet tangentially disposed to its axis, cylinder heads for the casing, a cylindrical piston in the casing, means for rotatably mounting the piston eccentrically in the casing, said piston having peripheral compartments, impellers mounted in said compartments, spiders one on each end of the piston and having peripheral pockets, an axle rotatably mounted in each impeller, wheels on the axles, one in each pocket, said piston being formed in two complementary sections the abutting faces of which are formed with annular recesses entering the compartments, and a floating split spring ring in the recesses and engaging the impellers to maintain the wheels in contact with the interior of the casing.

1,645,070. DYNAMO-ELECTRIC MACHINE. ROBERT POHL, Berlin, Germany, assignor to General Electric Company, a Corporation of New York. Filed Aug. 3, 1925, Serial No. 47,948, and in Germany Aug. 23, 1924. 3 Claims. (Cl. 171-252.)



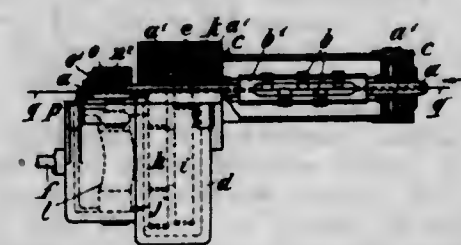
1. A slotted core structure for an alternating current dynamo electric machine having end-plates comprising magnetic end-plate fingers, a short circuited winding of high electrical conductivity associated with said fingers and positioned to link the leakage flux tending to traverse said fingers.

1,645,071. FUEL INJECTOR FOR INTERNAL-COMBUSTION ENGINES. WILLIAM B. POTTER, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Feb. 6, 1923, Serial No. 617,368, and in Great Britain July 18, 1922. 2 Claims. (Cl. 299-107.)



1. In a fuel injector for internal combustion engines, a body having an admission opening, a discharge orifice for atomizing the fuel and an enlarged chamber in advance of the discharge orifice, and a flexible disk which extends across said enlarged chamber and is provided with an opening through which the fuel oil flows to the discharge orifice, the flexibility of said disk being such that it is flexed by the oil pressure upon the discharge stroke of the pump and springs back when the oil pressure is relieved whereby it serves as a pump to effect withdrawal of fuel oil from the end of the discharge orifice after each fuel charge is supplied to the engine.

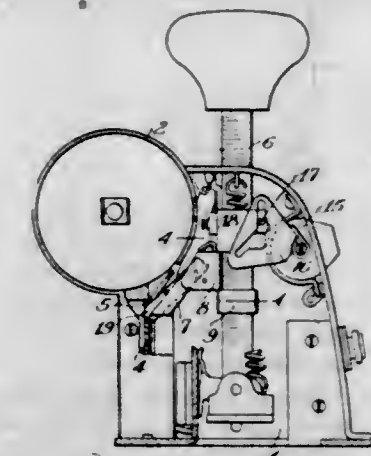
1,645,072. WIRE-STRAIGHTENING MACHINE. HANS PRYM, Stolberg, Germany. Filed June 2, 1926, Serial No. 113,215, and in Germany May 30, 1925. 4 Claims. (Cl. 140-147.)



1. In a wire straightening machine, a rotating spindle carrying straightening means, a double-armed lever for

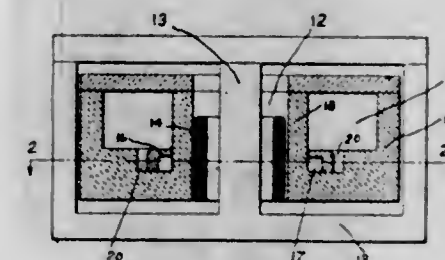
positively reciprocating said straightening spindle in opposite directions, and means to feed the wire during the forward movement of said spindle.

1,645,073. STAMP-AFFIXING MACHINE. WILLIAM F. SCHWEIGER, Rochester, N. Y., assignor to Multipost Company, Incorporated, Rochester, N. Y., a Corporation of New York. Filed Oct. 11, 1924, Serial No. 743,017. 2 Claims. (Cl. 211-33.)



1. In a stamp affixing machine, the combination with reciprocatory stamp strip feeding instrumentalities, and a reciprocatory plunger controlling the same and operating to feed a stamp strip during its downward movement, a counting device, an actuator for the counting device mounted on the plunger, and means carried by the plunger and acting automatically to lock the actuator against movement when the stamp strip is exhausted.

1,645,074. ELECTRIC FURNACE. JOHN A. SEEDE, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed June 5, 1926, Serial No. 114,009. 3 Claims. (Cl. 204-64.)

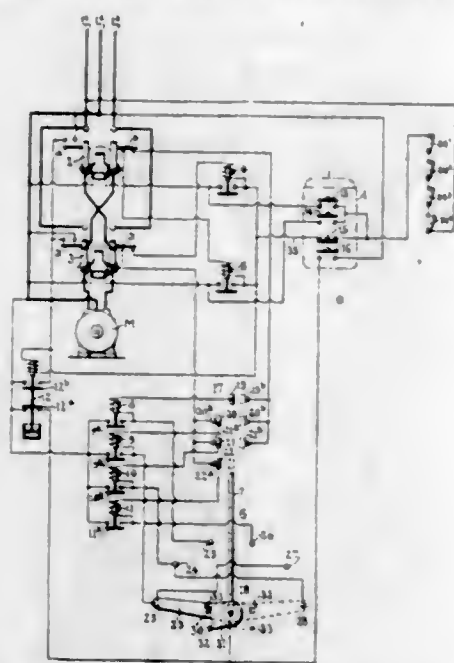


1. An electric induction furnace comprising heat refractory walls providing an open loop reservoir for the charge and a closed loop heating channel communicating with said reservoir at remotely separated regions, and an electrical winding for inducing a heating current in a conductive charge in said channel.

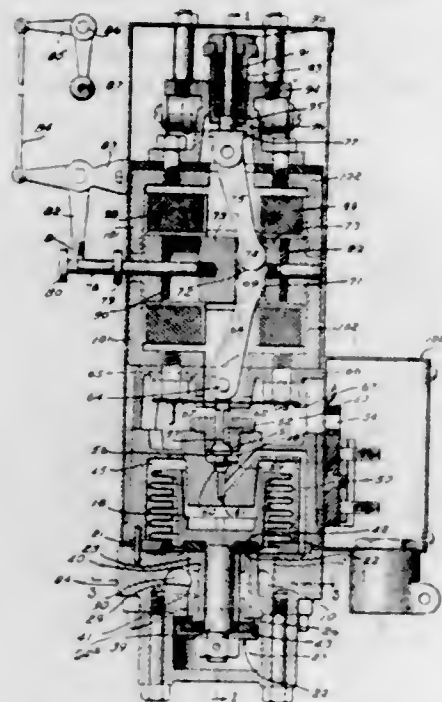
1,645,075. CONTROL SYSTEM FOR ELECTRIC ELEVATORS. EDWIN W. SEEGER, Milwaukee, Wis., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis., a Corporation of Wisconsin. Filed Apr. 14, 1924, Serial No. 706,424. 8 Claims. (Cl. 187-29.)

5. In a controller for motor operated elevators, in combination, switches for establishing reverse power connections for the motor, a device to be driven in synchronism with the elevator car, control means acting through

said device to control said reversing switches for operation of said motor in opposite directions through a given range and for manual starting and automatic stopping thereof at given points in such range and means associated with said control means to prevent automatic stopping of said elevator at any of said points.



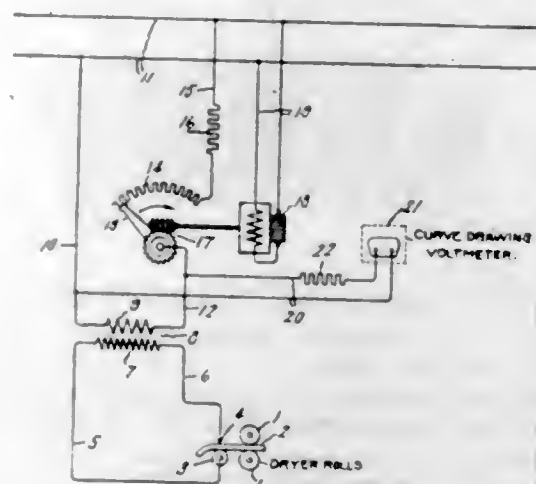
1,645,076. FLUID PRESSURE SYSTEM. HAROLD W. SHONNARD, Montclair, N. J., assignor to Elevator Supplies Company, Inc., a Corporation of New Jersey. Filed Aug. 2, 1924. Serial No. 729,855. 3 Claims. (Cl. 121-38.)



2. In a fluid pressure control device, a piston, an expansible chamber, a supply of fluid, a valve chamber, a pair of oppositely-disposed openings therein one of which forms an outlet and the other of which communicates with the supply, a valve member having two discs for alternately closing said openings, a third opening in said valve chamber communicating with said expansible chamber, a pressure surface on one of said discs exposed to the supply pressure whereby said outlet opening may be closed, a larger and opposing pressure surface on said disc facing into a counter-pressure chamber, an auxiliary valve chamber communicating with said counter-pressure chamber, an upward exhaust opening in said auxiliary valve chamber, an oppositely disposed downward opening therefrom into a passage connecting with the supply, a recess at said downward opening, a ball adapted to fit into said recess to close the downward opening but to

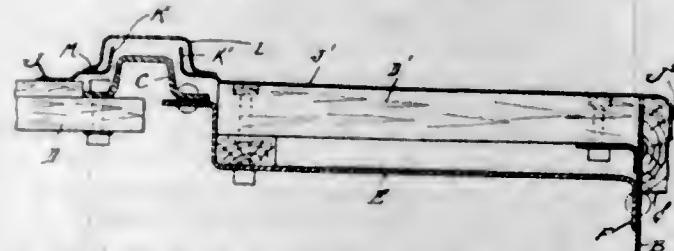
be pushed upwardly therefrom by the supply pressure, an auxiliary valve member adapted to be seated at said upward opening to close the same and to be held against its seat by the supply pressure against said ball, electrically-actuated toggle means for thrusting said auxiliary valve and said ball downwardly to close said downward opening, and a cushion seat for said toggle means opposing the operating seat thereof.

1,645,077. MOISTURE METER. LOUIS W. THOMPSON, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Apr. 1, 1925. Serial No. 20,017. 4 Claims. (Cl. 175-183.)



2. In combination, a pair of spaced contacts between which a substance is adapted to be passed continuously, a source of alternating current, a normally open circuit connecting it to said contacts, a resistance in said circuit, a contactor for periodically closing said circuit through said resistance and then gradually cutting such resistance out of the circuit, and a measuring instrument connected to said circuit.

1,645,078. CAR ROOF. WILLIAM D. THOMPSON, Detroit, Mich., assignor, by mesne assignments, to Hutchins Car Roofing Company, Detroit, Mich., a Corporation of Delaware. Filed Jan. 28, 1924. Serial No. 680,092. 3 Claims. (Cl. 108-54.)

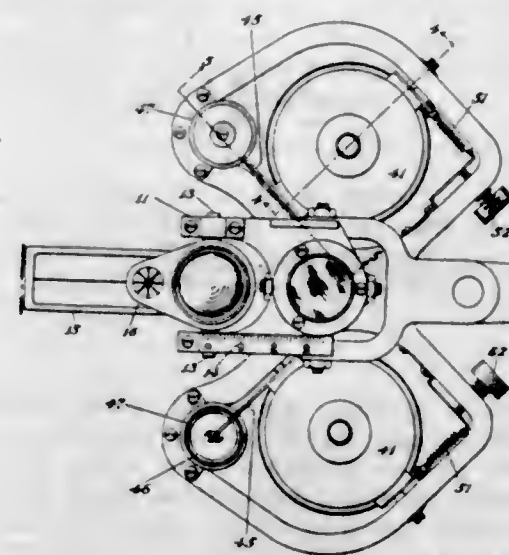


1. In a car roof, the combination with a skeleton roof frame comprising side plates, carlines, purlins and car ends, of a metallic panel extending in a horizontal plane between said side plates and between the car end and first carline, said panel being rigidly secured to the side plates, and a flexible roof overlying said roof frame and panel.

1,645,079. STABILIZER. MORRIS M. TITTERINGTON, Brooklyn, N. Y., assignor, by direct and mesne assignments, to Charles H. Colvin and Morris M. Titterington, Brooklyn, N. Y. Filed Apr. 28, 1923. Serial No. 635,406. 9 Claims. (Cl. 74-78.)

1. A stabilizer, comprising in combination: a gyroscopic rotor, means supporting said rotor for rotation about an axis, means supporting said rotor for precession about an axis at an angle to said first named axis, a second gyroscopic rotor, means supporting said second named rotor for rotation about an axis, means supporting said second named rotor for precession about an axis at an angle to said third named axis, one of

said two first named axes being normally parallel to the corresponding axis of said two last named axes, and the other two of said axes being normally at right angles to each other, energy absorbing means operatively disposed between said first means and said second means and

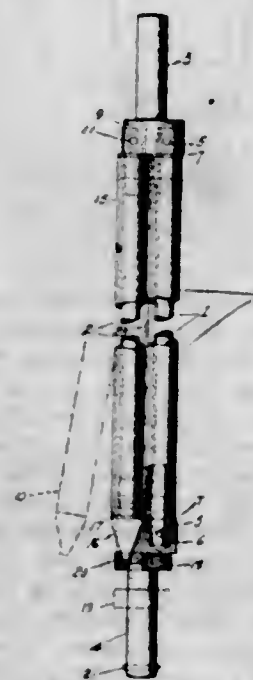


between said third means and said fourth means, and a plurality of centralizing means one of such means operatively connected to said first means and said second means and another of such means operatively connected to said third means and said fourth means.

1,645,080. METHOD OF PRODUCING HIGH-GRADE VITREOUS SILICA. HAROLD L. WATSON, Lynn, Mass., assignor to General Electric Company, a Corporation of New York. Filed June 24, 1926. Serial No. 118,391. 3 Claims. (Cl. 49-78.1.)

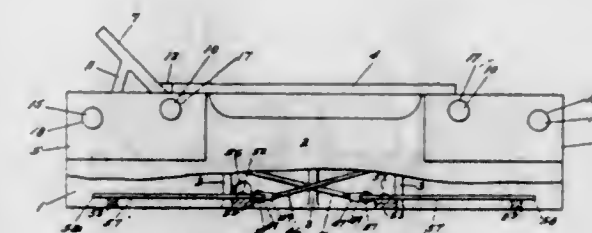
1. The process of producing clear, vitreous silica which consists in heating crystalline silica in a vacuum to a temperature sufficiently high to cause fusion and thereupon heating the product for a short time to a temperature above 2000° C. in the presence of a gas at substantial pressure.

1,645,081. TIRE-BUILDING TOOL. DAYTON L. WILLIAMS, Akron, Ohio, assignor to The Goodyear Tire & Rubber Company, Akron, Ohio, a Corporation of Ohio. Filed Nov. 8, 1924. Serial No. 748,644. 11 Claims. (Cl. 154-9.)



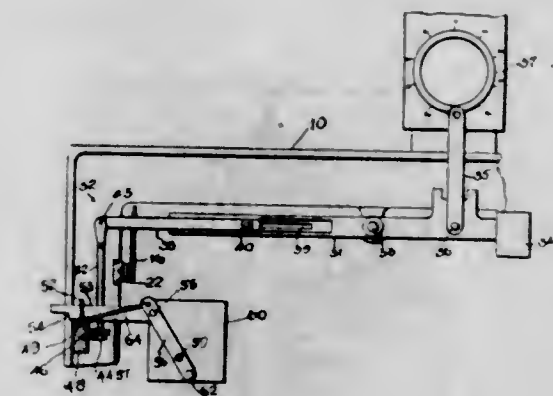
1. A tire building tool comprising a rod, handles rigidly secured to the rod, and a member cooperating with the rod for confining flexible material between said rod and member.

1,645,082. LOG BUNK. WILLIAM G. WHITE, Vesta, Wash. Filed Mar. 31, 1925. Serial No. 19,668. 10 Claims. (Cl. 105-384.)



1. In a log bunk, the combination within an oblong hollow frame, of a pair of terminally disposed pivoted chocks hung horizontally therein, and each extending in one direction from its pivotal support, said frame being transversely arched between the chocks, chock supporters also pivoted in the frame and extending oppositely into operative connection with the chocks respectively, and means operatively mounted on the opposite inner walls of the frame for actuating at will either chock supporter.

1,645,083. AUTOMATIC DOFF LATCH. CHARLES W. YOUNG and JOSEPH H. DIGGETT, Goodyear, Conn., assignors to The Goodyear Tire & Rubber Company, Akron, Ohio, a Corporation of Ohio. Filed Jan. 25, 1926. Serial No. 83,425. 11 Claims. (Cl. 118-5.)

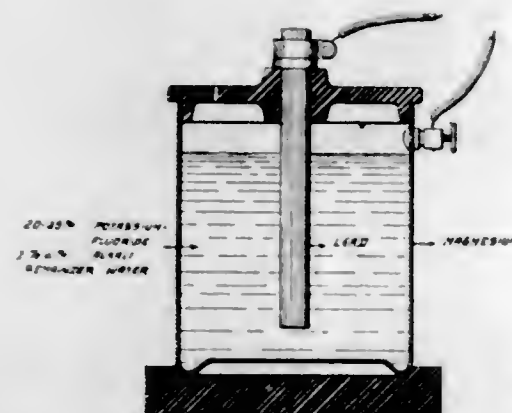


1. An attachment for a twister having a traverse rail comprising a latch member adapted to engage a stop mechanism of the twister and an arm adapted to engage the traverse rail of the twister at any predetermined position of the rail to release the latch.

1,645,084. ART OF VULCANIZING CAOUTCHOUC. CLAYTON W. BEDFORD, Akron, Ohio, assignor to Goodyear Tire & Rubber Company, Akron, Ohio, a Corporation of Ohio. Original application filed Jan. 2, 1917, Serial No. 140,888. Divided and application filed Nov. 24, 1919, Serial No. 340,261. Divided and this application filed July 11, 1923. Serial No. 650,959. 2 Claims. (Cl. 260-23.)

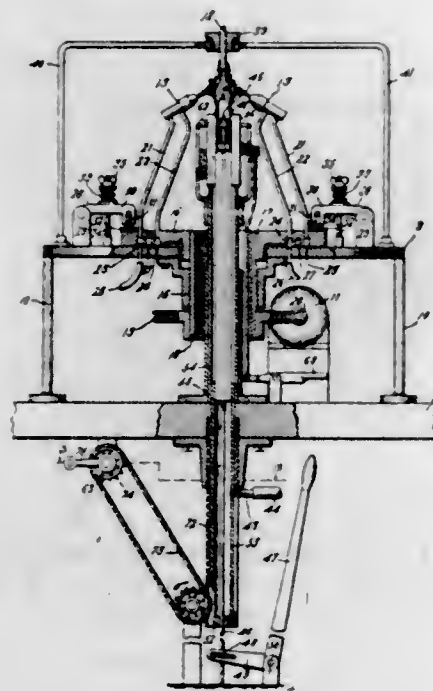
1. The reaction product of sulphur and para-phenylene diamine resulting from the interaction of substantially 108 parts by weight of para-phenylene diamine and 32 parts by weight of sulphur.

1,645,085. ELECTROLYTIC RECTIFIER. LE RUE P. BENSING, Cleveland, Ohio, assignor of one-half to George P. Koelliker, Cleveland Heights, Ohio. Filed Aug. 31, 1925. Serial No. 53,750. 5 Claims. (Cl. 175—318.)



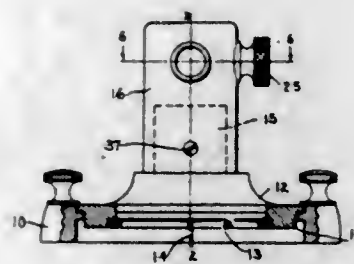
1. An electrolytic rectifier, comprising a lead anode, a cathode, and an aqueous fluoride electrolyte having a small per cent of alkalinity, the fluoride being in excess of the alkali and at least five percent of the aqueous solution.

1,645,086. METHOD AND APPARATUS FOR WORKING QUARTZ. EDWARD R. BERRY, Malden, and PHILIP K. DEVERS, Lynn, Mass., assignors to General Electric Company, a Corporation of New York. Filed Sept. 20, 1923. Serial No. 663,923. 10 Claims. (Cl. 49—1.)



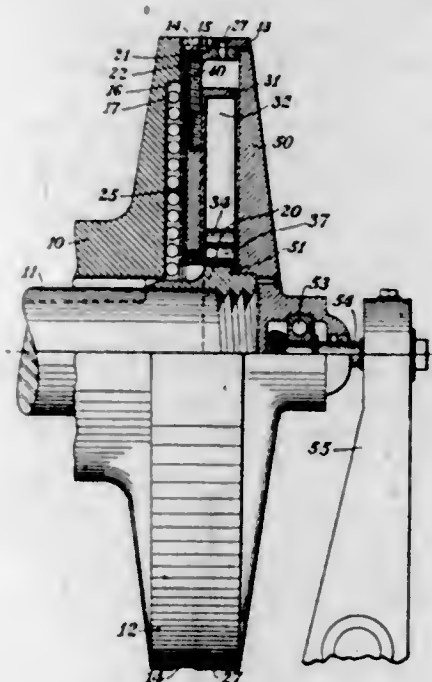
2. The method of making silica tubing which consists in heating a zone at one end of a silica glass rod to a softening temperature joining to the heated end of said rod a tube, then converting the heated zone of said rod into tubular form by internally applied pressure through said tube, and advancing the zone of heating on said rod while progressively converting the rod into a tube.

1,645,087. SOUND MODIFIER. ALFRED V. BODINE, Bridgeport, Conn., assignor to Dictaphone Corporation, Bridgeport, Conn., a Corporation of New York. Filed May 24, 1924. Serial No. 715,593. 11 Claims. (Cl. 181—0.5.)



1. A sound modifier comprising sound-transmitting means; sound-escape means having free access to the atmosphere; and an adjustable vane means for coordinately opening the sound-transmitting means and closing the sound-escape means at a single operation, and means for holding said adjustable vane in adjusted position intermediate its limits of movement.

1,645,088. GOVERNOR FOR ROTATING MECHANISMS. WILLIAM SPENCER BOWEN, Westfield, N. J. Filed Jan. 7, 1927. Serial No. 159,722. 9 Claims. (Cl. 264—17.)



7. A governor for rotating mechanisms, comprising a rotatable shaft with threaded portion, a hub secured thereto for rotation therewith, provided with a recess and having an upstanding rim with a pair of diametrically disposed projections extending outwardly therefrom, an oscillatable nut mounted over the threaded portion of said shaft within the hub, a coil spring mounted in the hub recess and having one end secured to the hub, an annular plate secured to the hub fitting about the oscillatable member and covering said coil spring, a pair of guide blocks diametrically secured on said plate and to the rim of said hub, slider members radially movable in said guide blocks, adjusting screws passing through the rim of the hub and a corresponding guide block and secured to the slider member thereof, said slider members being provided with radial guideways having an inner stop, weights movable in the respective radial guideways to apply a couple to the oscillatable nut when the shaft is rotated, a pair of spring-metal tapes having one of

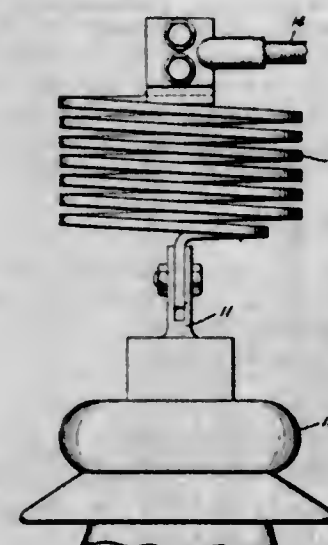
their ends secured to the respective weights and the other ends to the periphery of said nut at diametrically opposite points and the periphery of said nut at the immediate points of attachment of the tapes being of reduced and varying radius, and an inertia plate mounted over the guide blocks, secured to the said oscillatable member and having quadrants of reduced radius to clear the projecting stops of the rim portion of the hub and affording shoulders for engagement therewith.

1,645,089. SOLID VEHICLE TIRE. RICHARD S. BURDETTE, Akron, Ohio, assignor to The Goodyear Tire & Rubber Company, Akron, Ohio, a Corporation of Ohio. Filed Jan. 14, 1925. Serial No. 2,291. 1 Claim. (Cl. 152—1.)



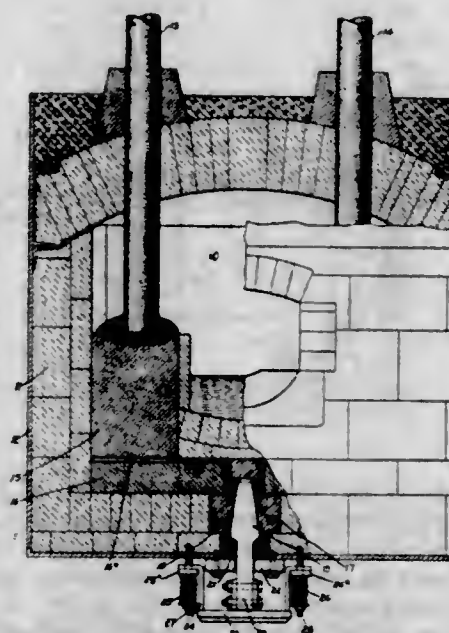
A rubber vehicle tire comprising a tread portion of substantially trapezoidal cross-section vulcanized to a metallic base band disposed along the inner periphery thereof, and a protuberance of resilient material between the side-edge of the base band and the side-wall of the tread portion, so disposed as to form a perceptible interruption of the curvature of the tread portion adjacent the base band and to distribute stresses that tend to cause the separation of the tread portion and the base band when the tire is under load.

1,645,090. BUSHING-TERMINAL CONNECTER. CHARLES F. BURGESSON, Minneapolis, Minn., assignor to General Electric Company, a Corporation of New York. Filed Oct. 2, 1926. Serial No. 139,052. 3 Claims. (Cl. 175—359.)



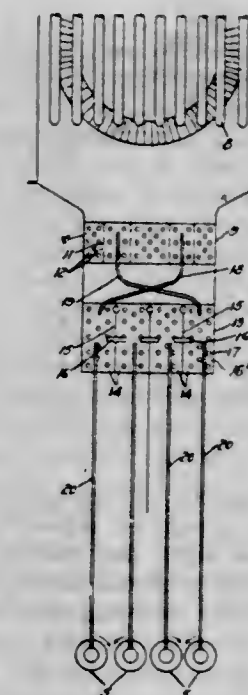
1. A bushing for encased electrical apparatus, said bushing having an outer terminal, an external conductor, and a yieldable connector interposed between said bushing terminal and said external conductor, said yieldable connector being in the form of an inductive helix.

1,645,091. ELECTRIC FURNACE. VERNI J. CHAPMAN, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Mar. 26, 1925. Serial No. 18,561. 6 Claims. (Cl. 204—64.)



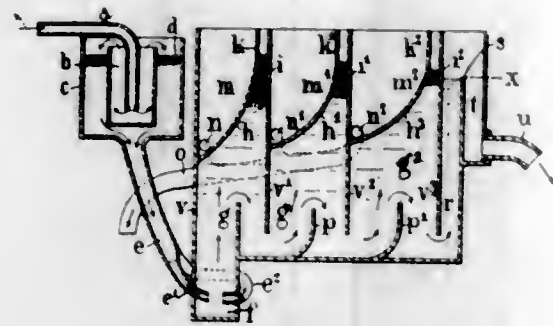
1. An electric furnace comprising a refractory crucible, a carbonaceous electrode terminating within the wall of said crucible and a metallic terminal member having substantially the same electrical conductivity as said electrode secured in electrically conducting engagement with said electrode at a point within said wall.

1,645,092. VAPOR GENERATOR. ROBERT HUGH COLLINGHAM, Rugby, England, assignor to General Electric Company, a Corporation of New York. Filed May 26, 1925. Serial No. 33,056, and in Great Britain June 26, 1924. 4 Claims. (Cl. 122—451.)



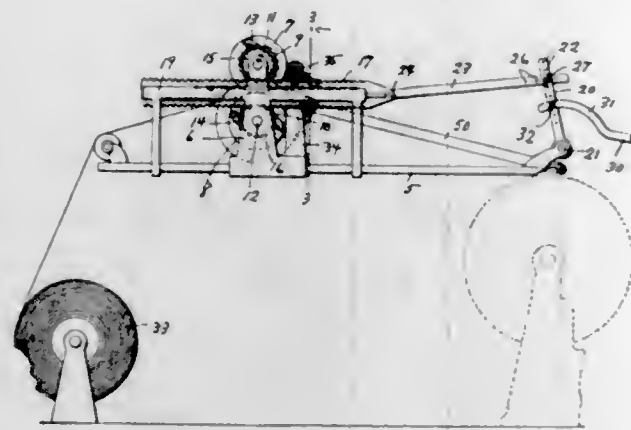
1. In combination, a boiler comprising a plurality of boiler tubes, a liquid chamber located above said tubes, means providing a plurality of compartments in said chamber, means for supplying liquid to said compartments, said means including a liquid supply chamber and conduits having spaced inlet ends connected with said supply chamber, said inlet ends being spaced apart in a horizontal direction, and conduits connecting said compartments to said tubes.

1,645,093. OIL SEPARATOR. BERNARD DALY COMYN, Hebburn-on-Tyne, England, assignor to White & Comyn, Limited, Hebburn-on-Tyne, England. Filed Oct. 13, 1924, Serial No. 743,270, and in Great Britain Oct. 24, 1923. 22 Claims. (Cl. 210—59.)



1. In apparatus for separating a mixture of liquids of different specific gravities, the combination of a plurality of gravity-separation chambers having vertical walls and their lower parts in operative communication, said chambers being contiguously arranged in series as regards flow of mixture therethrough; upwardly narrowing ducts for coalescing the lighter liquid so separated forming upward prolongations of said chambers, said upwardly-narrowing ducts being disposed above the level of the communications between said chambers; and means for educting the lighter separated liquid from the tops of said upwardly-narrowing ducts.

1,645,094. ROTARY ROLL-PAPER FEEDER FOR TWO-REVOLUTION CYLINDER PRESSES. ALBERT DAGER, El Paso, Tex., assignor of one-half to Robert H. Crews, El Paso, Tex. Filed Oct. 26, 1926. Serial No. 144,329. 8 Claims. (Cl. 164—49.)

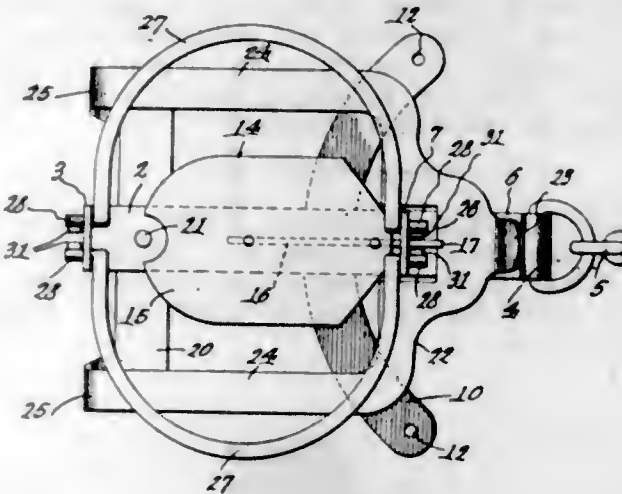


1. A feeding mechanism of the class described including, in combination, a pair of rollers, pawl and ratchet mechanism associated with the rollers, gears associated with the pawl and ratchet mechanisms, a rack bar mounted for rectilinear motion meshing with said gears, means for reciprocating the rack bar, and cutting means controlled by the motion of said rack bar.

1,645,095. TRAP. STEPHEN C. ENZENAUER, Bancroft, Idaho, assignor of one-third to John F. Brady, Bancroft, Idaho. Filed Jan. 26, 1925. Serial No. 4,855. 2 Claims. (Cl. 43—93.)

1. A trap comprising a frame including bearings having openings and provided with reduced slots communicating with the openings, jaws having trunnions mounted to rock, in the openings, the trunnions being supplied with

outstanding fins insertible through the slots, the slots and the fins being so located with respect to each other that the fins move out of alignment with the slots as



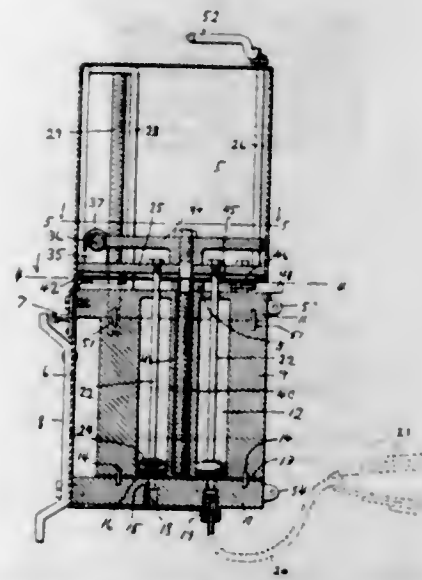
soon as the jaws are started from a closed position to an open position, spring means for closing the jaws, and trigger mechanism for holding the trap set.

1,645,096. MANUFACTURE OF ERGOT PREPARATION. GUSTAV ERDMANN, Radebeul, near Dresden, Germany, assignor to the Firm: Gehe & Co. A.-G., Dresden, Germany. Filed May 28, 1926. Serial No. 112,388, and in Germany Mar. 18, 1925. 8 Claims. (Cl. 167—4.)

1. The method of manufacturing purified ergot-preparations, which consists in extracting the ergot drug with neutral substantially pure ether at a low temperature, removing the ether from the extract, submitting the extract to the action of organic acid and of alkali in separate stages, thereby precipitating the bases, dissolving them in chloroform, treating the solution with petroleum distillates, and thereby reprecipitating the bases therefrom, and converting the bases into salts.

8. The method of manufacturing an ergot preparation, which consists in treating the crude drug with substantially pure ether at a low temperature, separating the ether extract from the drug, adding liquid, low-boiling petroleum-distillate thereto, and then treating the remaining solution with dilute acetic acid and with ether.

1,645,097. AUTOMOBILE CHASSIS-GREASING APPARATUS. GLEN G. FAIRCHILD, Indianapolis, Ind. Filed Apr. 4, 1927. Serial No. 180,846. 9 Claims. (Cl. 184—7.)



1. An apparatus of the class described including, in combination, a cylinder block having a plurality of cylinders therein, a bottom head for the block, a top head

for the block, said bottom head having passages communicating with the cylinders, a plurality of plunger rods slidable through the top head, plungers on the inner ends of the rods for rectilinear movement in the cylinders, a casing section, a plate slidable in the casing section, means engaging the plate with the rods, said block being provided with a bore, a screw adapted to extend into the bore, journaled in the plates, a split nut mounted on the top head and engageable with the screw, and means for rotating the screw.

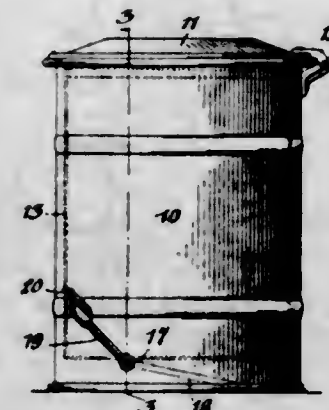
1,645,098. LEAD CADMIUM ALLOYS. WALTER FRIEDRICH, Niederschöneweide, Germany, assignor to General Electric Company, a Corporation of New York. Filed Apr. 12, 1924, Serial No. 706,191, and in Germany June 14, 1923. 2 Claims. (Cl. 75—1.)

1. As an article of manufacture a cable casing consisting of an alloy of lead and cadmium, the cadmium being present as a minor constituent.

1,645,099. RESISTANCE ALLOY. TRUMAN S. FULLER, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Feb. 25, 1927. Serial No. 171,075. 5 Claims. (Cl. 75—1.)

2. An alloy consisting largely of aluminum and containing from 4 to 10% of manganese and from 2 to 8% of zinc.

1,645,100. SANITARY WASTE CAN. JOHN F. GEIBEL, Buffalo, N. Y., assignor to Master Metal Products, Inc., Buffalo, N. Y., a Corporation of New York. Filed Apr. 22, 1924. Serial No. 708,164. 8 Claims. (Cl. 220—36.)



1. A device of the character described, comprising a can-body adapted to receive and support a waste receptacle, a cover for said receptacle hinged to the top of said can-body, and manually-operated means mounted for swinging movement on the can-body for actuating the receptacle in a direction to control the movements of said cover.

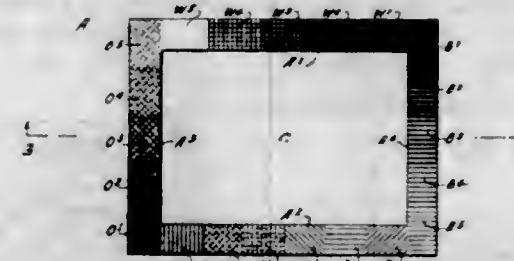
1,645,101. TIRE-REPAIR TOOL. JOHN M. GIBB and GEORGE M. JOBE, Providence, R. I. Filed Jan. 24, 1925. Serial No. 4,551. 2 Claims. (Cl. 152—27.)



1. A tire repair tool comprising a handle having a compartment therein for the reception of a blade, a blade comprising a member of a substantial width having file teeth of rack tooth construction cut across the entire width of one edge of said blade for roughening the surface of a rubber fabric and means to pivotally join said blade to said handle whereby said blade may be pivoted into the

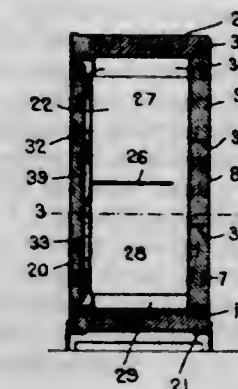
compartment, the shape of the blade being such that when swung into operative position the plane of the file teeth will be offset from the substantially parallel plane of the handle.

1,645,102. ARTIST'S COMPOSING FRAME AND COLOR CHART. EDMUND W. GREACEN, New York, N. Y. Filed Dec. 10, 1926. Serial No. 154,019. 10 Claims. (Cl. 41—4.)



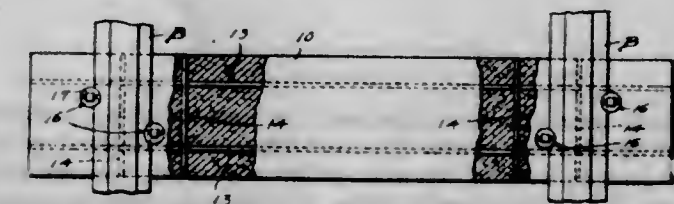
1. An artist's composing frame having a surface thereof facing in one direction provided with differently colored zones.

1,645,103. REFRIGERATOR. RUSSELL A. GULICK and HARRY H. REED, Winthrop, Mass. Filed June 12, 1924. Serial No. 719,662. 4 Claims. (Cl. 62—31.)



1. A refrigerator having refrigerator spaces which includes a food-containing compartment and a compartment adapted to contain a refrigerating medium, said refrigerator having an opening leading to the food-containing compartment, a main door closing said opening, and means situated between the main door and the food-containing compartment and forming with the main door a flue outside of the food-containing compartment which leads to the refrigerator space at the top thereof, said means forming a partition between the flue and the food-containing compartment whereby any heat transference around the main door of the refrigerator will cause an upward current of air through said flue which will convey the heat thus transferred to the top of the refrigerator space through a passage outside of the food-containing compartment.

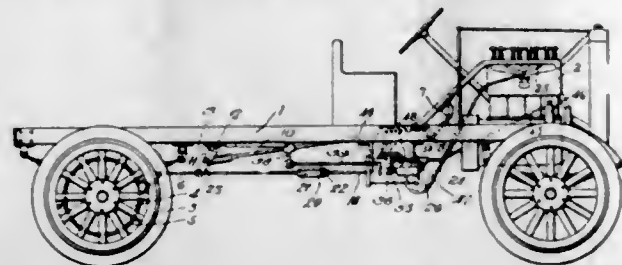
1,645,104. RAILROAD TIE. THOMAS J. HENAY, Scranton, Pa. Filed June 4, 1927. Serial No. 196,538. 5 Claims. (Cl. 238—373.)



1. In combination, a tie having embedded in opposite ends thereof interiorly threaded cylinders arranged in pairs at opposite ends of the tie, and having the cyl-

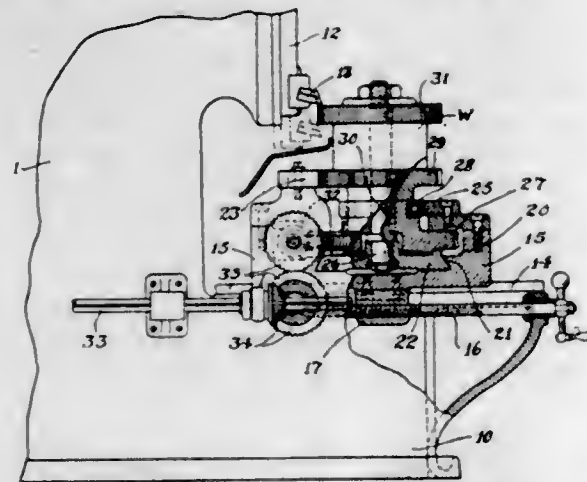
inders of each pair spaced longitudinally of the tie a distance at least equal to the width of the base of the rail to be seated on the tie, bolts adapted to be threaded into said cylinders and having flanges the under surfaces of which are adapted to seat upon the base of a rail applied to the tie and locking means extending through said flanges for engagement with the cylinders to hold the bolts against rotation.

1,645,105. FLUID-OPERATED BRAKE. EARL E. LASURE, Dayton, Ohio, assignor to Warren C. Lasure, Dayton, Ohio. Filed Oct. 11, 1920. Serial No. 416,211. 11 Claims. (Cl. 188—152.)



3. The combination with a vehicle and a brake therefor, of a fluid operated device comprising a cylinder, a piston mounted in said cylinder and connected with said brake, a valve casing, conduits communicating with said valve casing on opposite sides of the center thereof and leading to said cylinder on opposite sides of said piston, a suction apparatus connected with said casing between the points of connection of said conduits therewith, a valve piston slidably mounted within said casing and having a circumferential channel arranged to communicate with said suction apparatus in all positions of said valve piston and arranged to communicate with one of said conduits when said valve is in one position and with the other of said conduits when said valve is in another position, said casing having air inlets in the end walls thereof and said valve piston being so arranged that when one of said conduits is in communication with the circumferential channel of said piston, the other of said conduits will be in communication with the end portion of said casing.

1,645,106. SPUR-GEAR SHAPER. MAX MAAG, Schwanmendingen, Switzerland, assignor to Maag Gear Wheel and Machine Company, Ltd., Zurich, Switzerland, a Corporation of Switzerland. Filed Sept. 24, 1923. Serial No. 664,494. 5 Claims. (Cl. 90—9.)



1. A gear shaper comprising in combination, a base, a cutter thereon adapted to be reciprocated while it is in engagement with a blank, a saddle adjustable toward and from the cutter and having a slideway thereon, said slideway extending laterally entirely across the saddle, a work blank carrier engaging said slideway and adapted to be passed entirely across said base, a worm gear rotatably mounted on said carrier and having a gear blank

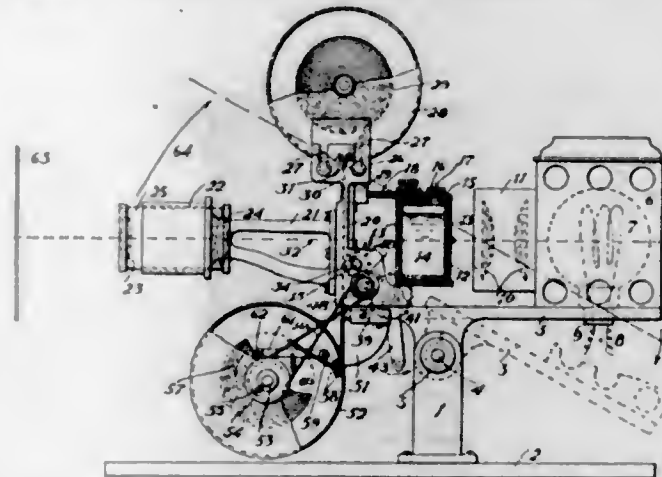
mounted for rotation therewith, an elongated worm on said saddle meshing with said worm gear, and intermeshing means on the said carrier and saddle to simulate a rolling motion of a blank thereon as said blank passes the cutter.

1,645,107. IMPLEMENT FOR REMOVING COVERS OR CLOSURES. CHARLES ANGUS MACINTOSH, Spencerport, N. Y. Filed Feb. 13, 1925. Serial No. 8,959. 1 Claim. (Cl. 30—3.)



An implement for removing covers or closures comprising a rigid metal rod having an offset pointed end, a handle secured on the other end of the rod, and a circular cutter rotatably and slidably mounted on said rod, said cutter consisting of a plano-convex portion forming a cutting edge and arranged with the plane surface nearer the pointed end of the rod, and a shallow conical flange of substantially the same diameter as the plano-convex portion, said flange being integrally connected to said plano-convex portion by a short cylindrical portion with the conical surface facing the convex surface, the curve of the convex surface being of small radius.

1,645,108. PROJECTOR. LESLIE MANN, Springfield, Mass. Filed July 7, 1926. Serial No. 120,945. 4 Claims. (Cl. 88—18.)

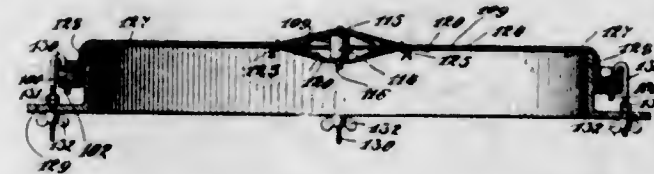


1. In a picture projecting apparatus for displaying views on a film, the combination with a let off and take up film receiving reel, a Geneva stop device for intermittently moving the film from the let off to the take-up reel, means for reversing the direction of travel of the film winding reel including a shaft, a pulley which is loosely mounted on the shaft, manual means for operating the shaft, for varying the rate of travel of the film, a part secured to the shaft having ratchet teeth, a pawl which is pivotally attached to the loosely mounted pulley, means for forcing the pawl into engagement with the teeth of the part which is secured to the shaft for causing the pulley to be driven by the pawl and ratchet and to remain idle when the manually operated shaft is rotated in an opposite direction, and a belt connection between the loosely mounted pulley and the winding reel.

1,645,109. FUEL COMPOSITION. SAMUEL P. MARLEY, Pittsburgh, and WILLIAM A. GRUSE, Wilkesburg, Pa., assignors to Gulf Refining Company, Pittsburgh, Pa., a Corporation of Texas. Filed July 28, 1924. Serial No. 728,769. 8 Claims. (Cl. 44—9.)

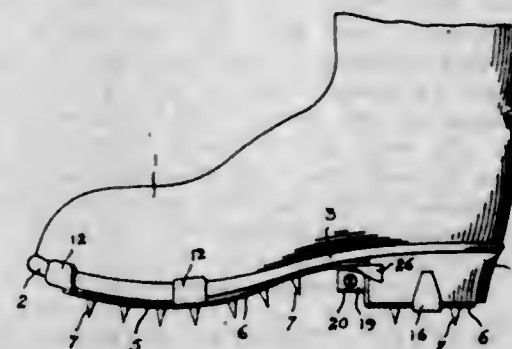
1. As a new composition of matter, motor fuel comprising volatile petroleum oils and alkoxy derivative of an aromatic amino body.

1,645,110. DIAPHRAGM AND METHOD FOR MAKING SAME. CHARLES MESSICK, Brentwood, N. Y. Filed Oct. 1, 1919, Serial No. 327,799. Renewed Aug. 5, 1925. 20 Claims. (Cl. 181—32.)



1. A diaphragm provided with a stationary peripheral anchorage means and a vibratory portion including a skeleton framework having an attachment portion and several tensioned radial elements extending therefrom to the means, and imperforate means united to the framework throughout the portion of its area adjacent the framework.

1,645,111. CALK ATTACHMENT FOR BOOTS. JOHN MICHELSEN, Vancouver, British Columbia, Canada. Filed Mar. 8, 1926. Serial No. 93,294. 1 Claim. (Cl. 36—64.)



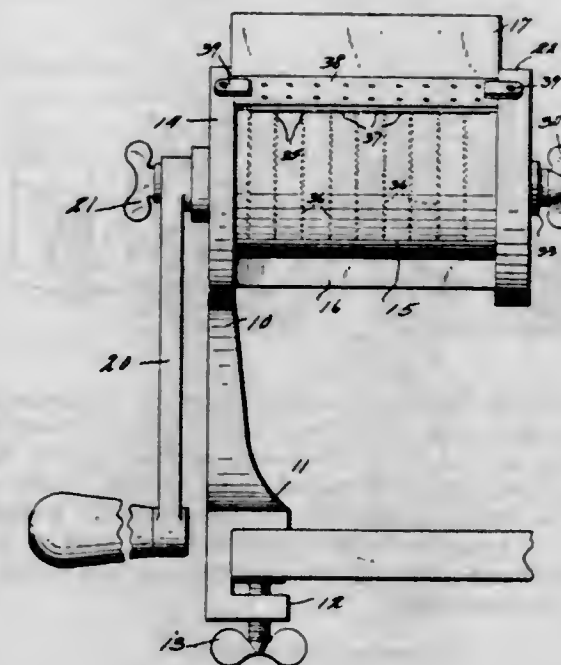
A calk attachment for boots comprising a pair of relatively movable members provided with clips for attaching same to the sole and heel of a boot, a pair of transverse plates fastened to the lower surfaces of said members and arranged in alignment, said plates being positioned to lie in proximity to the breast of the boot heel and being bent rearwardly and inwardly at the outer ends to provide prongs adapted to be imbedded in the sides of the heel when the plates and relatively movable members are drawn together, the inner ends of said plates being bent to provide opposing parallel lugs and tightening device passing through openings formed in said lugs and operable to draw the lugs and attached members together so as to imbed the prongs of the plates within the heel of the boot as aforesaid.

1,645,112. PROCESS OF PHOTOGRAPHIC COPYING BY THE REFLECTION METHOD. ALFRED MILLER, Dessau-in-Anhalt, Germany, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Filed Mar. 26, 1926, Serial No. 97,757, and in Germany Nov. 14, 1924. 12 Claims. (Cl. 95—5.)



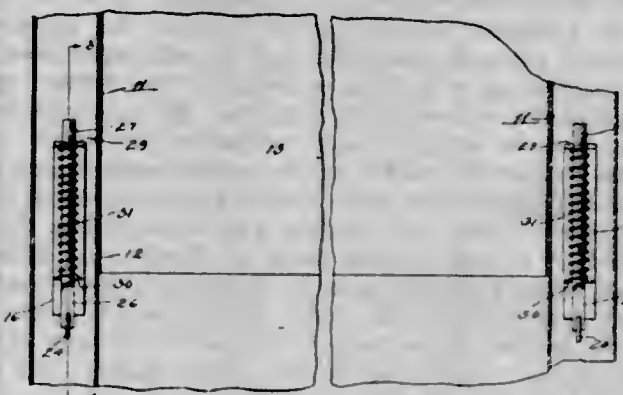
1. A process for producing copies by the reflection method wherein the treatment of the sensitized colloid layer after exposure for the purpose of building up the picture is restricted to the surface of said layer.

1,645,113. VEGETABLE SLICER. THOMAS V. MLECOCK, St. Cloud, Minn. Filed July 7, 1926. Serial No. 120,988. 5 Claims. (Cl. 146—122.)



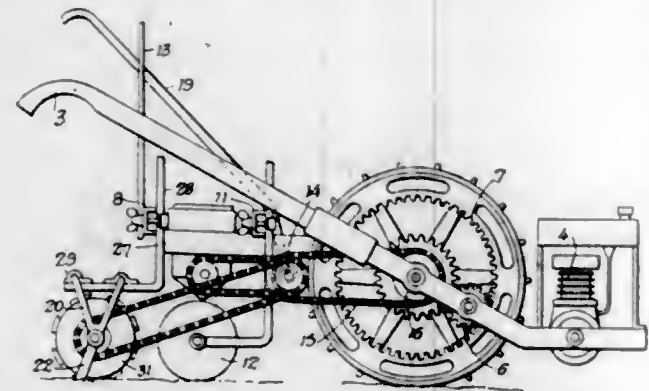
1. A vegetable slicer of the character described comprising a cylinder having a hopper and having a discharge opening below the hopper, a shaft passing longitudinally through the cylinder, a plurality of members mounted upon the shaft and having radiating arms, the members being spaced from each other, a plurality of knives mounted upon and extending through the cylinder and into the paths of movement of said arms, and a knife plate upon which said knives are detachably mounted, the knife plate being detachably engaged with the cylinder whereby the knives may be removed or inserted as a unit from or into the cylinder.

1,645,114. STOP-DOOR-HINGE FIXTURE. WILLIAM H. PACKER, Columbus, Ohio. Filed Jan. 21, 1925. Serial No. 3,837. 6 Claims. (Cl. 126—191.)



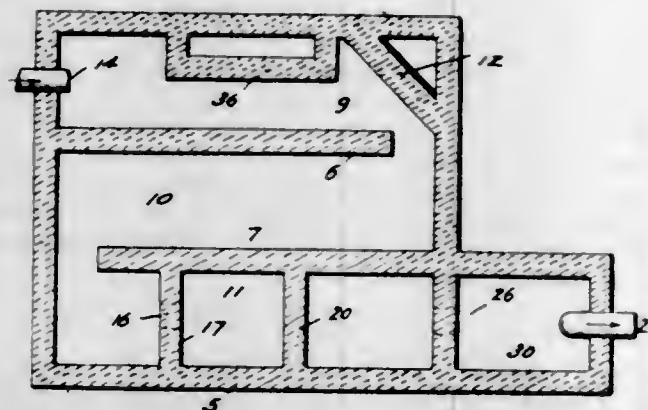
1. A spring hinge fixture for swinging closures comprising an arm projecting inwardly and rigidly from the swinging closure, a frame upon which the lower edge of said arm is fulcrumed, a cam edge formed upon the opposite edge of said arm with respect to the fulcrum edge, and spring means cooperative with the cam edge of said arm and neutralized in the open position and increasingly active as the door is moved to closed position.

1,645,115. WEEDING AND CULTIVATING IMPLEMENT. DE SOTO E. RICHARDSON, Riverside, Wash. Filed Oct. 9, 1925. Serial No. 61,580. 5 Claims. (Cl. 55-118.)



4. A weeding and cultivating implement comprising a frame provided with spaced bearings, a pair of disks having bearing pintles to be revolvably mounted in the bearings, a substantially V-shaped undercutting blade carried by the frame, a plurality of substantially V-shaped blades to be mounted between the disks to form a cultivating head, and means to hold said blades removably associated with the disks.

1,645,116. SEPTIC TANK. WILLIAM ROSE, Stuart, Fla. Filed Feb. 25, 1926. Serial No. 90,610. 2 Claims. (Cl. 210-6.)

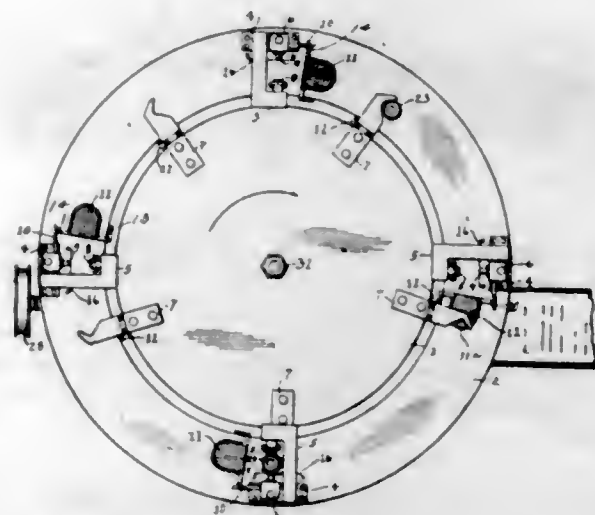


1. A septic tank comprising a rectangular body, partitions in spaced parallel relation in said body thereby defining inlet, intermediate and outlet passages, said partitions terminating short of the adjacent sides of the body to establish communication between the passages, a diagonal baffle at the outlet end of said inlet passage and constituting a guiding means for the refuse, said diagonal baffle connecting an adjacent side and end wall of the tank to reinforce and strengthen the same, and separate transverse baffles in the outlet passage and being connected to one of said partitions and one of the side walls of said body, one of said transverse baffles being provided at a point spaced from the lower edge thereof with an opening for the passage of refuse, the lower edge of the other transverse baffle being spaced upwardly from the bottom of the body to define a transverse opening extending entirely across the outlet passage for the movement of the material.

1,645,117. INK. HERMANN SCHLADERBACH, Dessau in Anhalt, and HERBERT HÄHLE, Dessau-Ziebigk in Anhalt, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft. Filed Jan. 8, 1926. Serial No. 80,068, and in Germany Jan. 3, 1925. 4 Claims. (Cl. 134-37.)

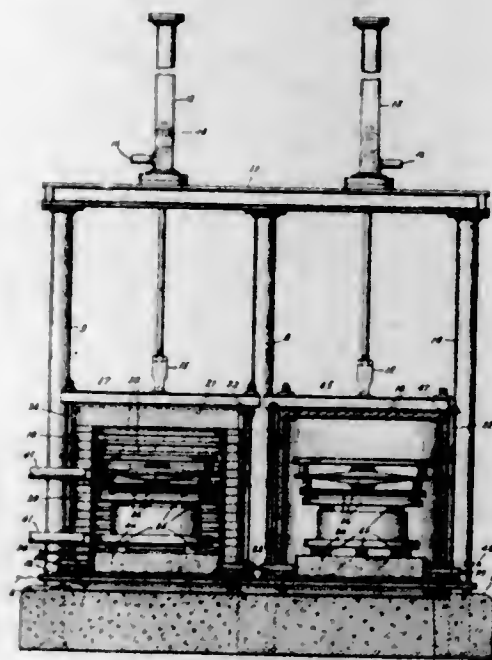
1. An ink comprising a solution of an azo-dye which dyes cotton directly and a free alkaline agent in a quantity sufficient to render writings produced with the ink fast to water.

1,645,118. SIZE-GAUGING MACHINE. HUBER A. SEABRIGHT, Columbus, Ohio. Filed Feb. 2, 1925. Serial No. 6,351. 3 Claims. (Cl. 209-88.)



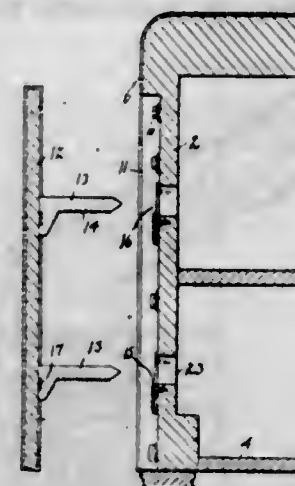
1. In a sizing machine, a circular work supporting way, revolving means for moving bodies to be sized through said way, fixed and movable sizing fixtures mounted adjacent to said way and arranged to engage said bodies, said movable fixture comprising a member rotatable about an upright axis, a latch arm extending rigidly from said movable fixture, and a discharge means provided in said way and normally maintained in a closed position by said arm, said discharge means being actuated to assume an open position upon the rotation of said movable fixture and said arm.

1,645,119. ELECTRIC FURNACE. CHRISTIAN STEENSTRUP, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Dec. 1, 1922. Serial No. 604,193. 38 Claims. (Cl. 204-64.)



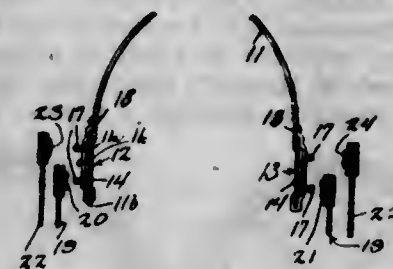
1. In a furnace, the combination of a heater comprising a container which is closed except at the bottom, means which form a closure and also a seat for the container, a device for moving the heater and the means with respect to each other to permit the introduction and removal of the charge, and means for maintaining a supply of selected gas in the container in both its closed and open positions.

1,645,120. PANEL-FASTENING MEANS. JOHN W. STERENZ, Los Angeles, Calif. Filed Sept. 17, 1925. Serial No. 58,816. 2 Claims. (Cl. 155-184.)



1. A device of the character described comprising a chair having recesses in the front of its arms and vertically elongated slots opening through said arms at the bases of said recesses, a removable cover for the chair having extensions adapted to be drawn over the front of the arms, cooperating engaging means in said recesses and on said extensions, panels adapted to overlap said extensions and conceal the engaging means and the recesses, prongs projecting from the back of the panels and notched at their lower edges, and cooperating retaining plates vertically slotted downwardly from their upper edges with said vertical slots terminating in transverse horizontal lips, said retaining plates being adapted for mounting flat against the bases of said recesses with the slots of said plates in alignment with the slots in the chair arms, the prongs on the panels being adapted to project through said aligned slots to prevent transverse displacement of the panels, and the lips of the retaining plates being adapted to engage one of the notches of the respective prongs for fixing the panels relative to the chair arms, or said lips of the retaining plates disengaging the notches of the prongs through vertical shifting of the panels to permit removal of the latter, the removable chair cover having vertical elongated openings in alignment with the said aligned slots to receive the prongs therethrough and permit vertical shifting of the panels, and the panels being of sufficient weight to hold the same against vertical shifting when the prongs and retaining plates are engaged.

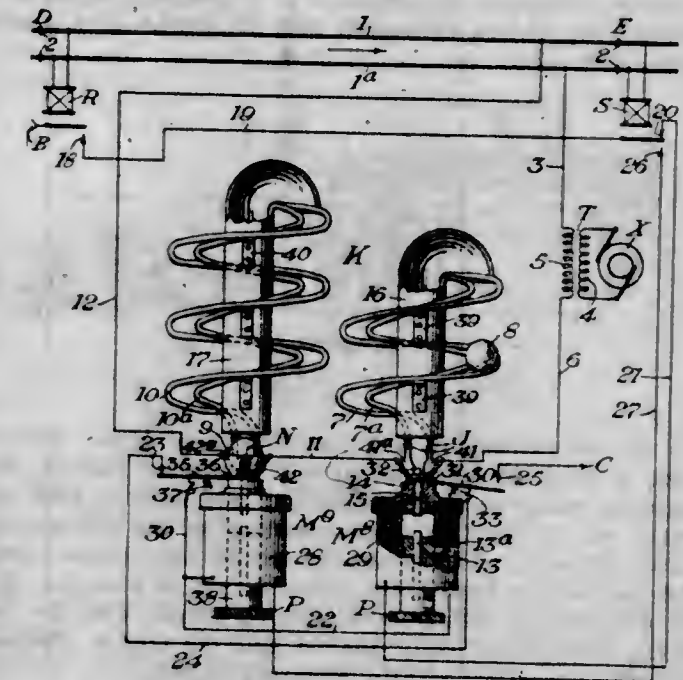
1,645,121. GARMENT SUPPORTER. HELLON M. STEWART, Gulfport, Miss. Filed July 3, 1926. Serial No. 120,482. 2 Claims. (Cl. 241-12.)



1. A device of the character described, for use in association with garment supporting straps, comprising a flat plate body having a transversely extending slot formed therethrough and adjacent each end thereof, for the reception of a shoulder strap, and a supporting stud projecting from one face of said plate between the slots designed to receive and suspend a portion of a garment.

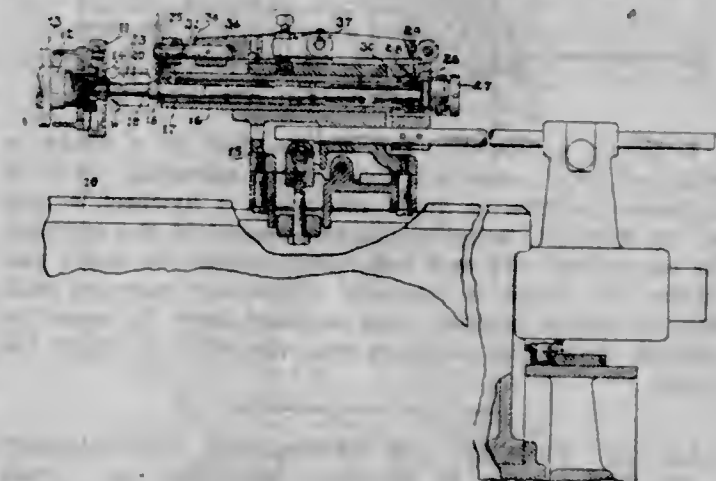
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1,645,122. APPARATUS FOR TRANSMITTING CODE IMPULSE COMBINATIONS. HERRERT A. WALLACE, Edgewood Borough, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a Corporation of Pennsylvania. Filed Nov. 18, 1926. Serial No. 149,151. 6 Claims. (Cl. 246-34.)



2. In combination, a cup, a spherical member in said cup, a guide tube, a magnet beneath said cup and having a movable core for projecting said spherical member to the top of the tube, and an inclined chute for retaining said member from the top of the tube to the cup.

1,645,123. BUSHING-TURNING ATTACHMENT FOR AUTOMATIC LATHES. JOHN J. THACHES, Wethersfield, Conn., assignor to Pratt & Whitney Company, New York, N. Y., a Corporation of New Jersey. Filed Sept. 24, 1924. Serial No. 739,651. 17 Claims. (Cl. 82-2.)

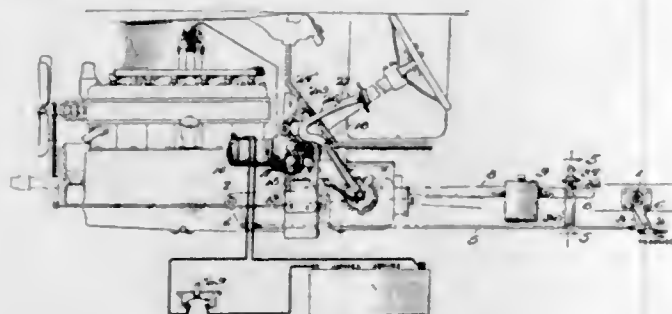


1. Work blank supporting means for automatic lathes comprising in combination, a tailstock, a spindle therein, means to actuate said spindle, a member rotatably mounted on said spindle, means to expand said member uniformly along its length when the spindle is moved into operative position whereby said member will engage the work blank, and means to rotate said member and work blank.

2. Work blank supporting means for automatic lathes comprising in combination, a headstock, a spindle therein, a tailstock, a spindle therein, means to actuate said tailstock spindle and rotate said headstock spindle, a member rotatably mounted on said tailstock spindle, tapered portions carried by said spindles to expand said member uni-

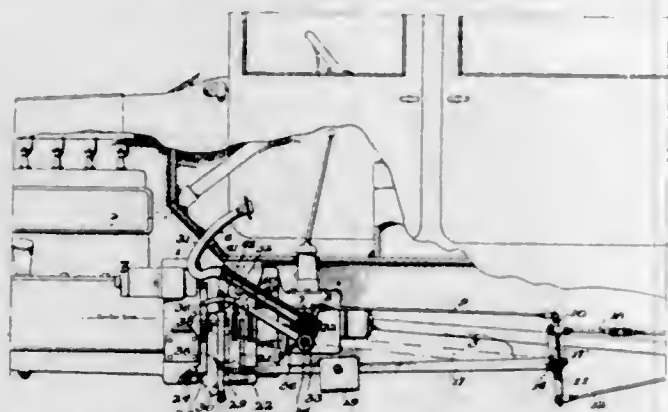
formly along its length when the tailstock spindle is moved into operative position whereby said member will engage the work blank, and means to rotate said member and work blank.

1,645,124. BRAKE MECHANISM FOR AUTOMOBILES. EDGAR D. BROWN, Pottsville, Pa. Filed Sept. 30, 1925. Serial No. 59,648. Renewed Feb. 25, 1927. 10 Claims. (Cl. 188—174.)



1. In an automobile, the combination of brake mechanism, a weighted lever operatively connected thereto, restraining means normally supporting said lever to hold the brakes off, an ignition circuit leading to the automobile engine through said restraining means but broken when said restraining means are released, and a releasing device cooperating with said restraining means, whereby the brakes are automatically applied and the engine stopped upon the operation of said releasing means.

1,645,125. BRAKE MECHANISM FOR VEHICLES. EDGAR D. BROWN, Pottsville, Pa. Filed Feb. 15, 1927. Serial No. 168,410. 13 Claims. (Cl. 192—13.)



7. In an automobile, the combination of a brake, a weighted lever connected thereto and operating when in depressed position to apply the brake, a flywheel, a cam on the flywheel, means under the control of the operator for connecting said cam and lever to raise the latter and release the brake, a retaining device for engaging said lever in raised position, and a clutch lever in operative relation with said device to trip the same to apply the brake.

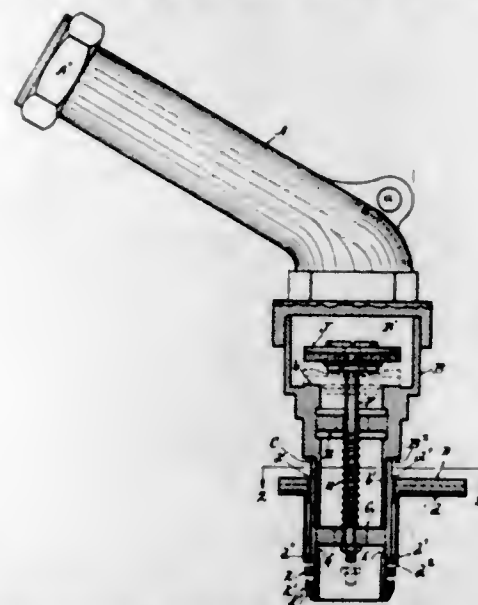
1,645,126. PROCESS OF PREPARING LOW-CARBON ALLOYS. VERA B. BROWNE, Tarentum, Pa. Filed Jan. 9, 1923. Serial No. 611,644. Renewed Feb. 24, 1927. 14 Claims. (Cl. 204—64.)

1. Process of preparing low-carbon alloys, comprising supplying heat to a metal bath by means of a carbon arc, and introducing alloying components into the bath while preventing absorption of carbon therein by means of an oxidizing slag.

1,645,127. AUTOMATIC HOSE NOZZLE. ALMUS T. CARNES, Kansas City, Mo. Filed July 6, 1925. Serial No. 41,685. 1 Claim. (Cl. 226—124.)

A tubular shank adapted to be secured on a hose, a valve housing adapted to be secured to said shank, a valve seat in said housing, a spider in said housing having

a central opening therethrough, a valve-stem in said opening, a valve on said stem adapted to seat upon said valve seat, a nozzle member telescopically mounted on said valve housing, a spider in said nozzle member secured to said valve stem, a spring on said valve-stem between said spiders, a radial flange on said nozzle member, a radial



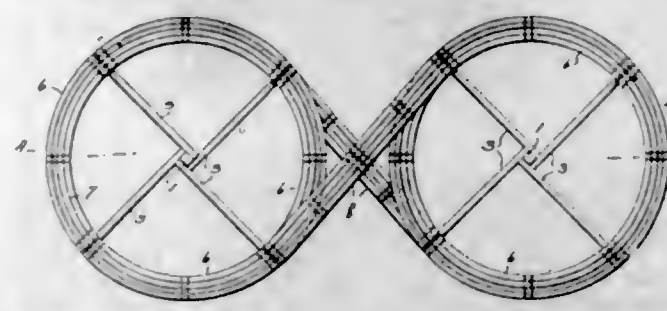
shoulder adjacent to the lower end of said nozzle member having vent openings to the interior of said nozzle member and having other vent openings through said nozzle member and said radial flange, a float ring around said nozzle member adapted to seat against said radial shoulder, and a ring secured around the lower end of said nozzle member whereby said float ring is secured in place.

1,645,128. SCARF HOLDER. WILLIAM POPE CRADDOCK, Denver, Colo. Filed Mar. 23, 1926. Serial No. 96,778. 1 Claim. (Cl. 24—60.)



A necktie holder comprising a single length of spring wire formed to provide a holding portion adapted to straddle the shank of a collar button, a two part, upwardly bent lever portion, a shank produced by twisting the lever parts together, shoulder portions extending laterally from the shank, and prongs at the end of the shoulder portions projecting directly inwardly and upwardly with relation to the holding portion.

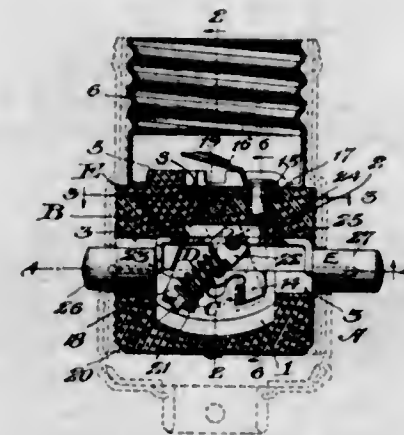
1,645,129. TRACK STRUCTURE. WILLIAM LOUIS DELKER, Henderson, Ky., assignor of one-sixth to Mabel D. Schlamp, one-sixth to Clara L. Schlamp, and one-sixth to Josie S. Marshall, Henderson, Ky. Filed Mar. 19, 1927. Serial No. 176,816. 1 Claim. (Cl. 104—56.)



A supporting structure for a toy train comprising a scaffold including an upright and outstanding angularly related arms, said arms being disposed substantially hori-

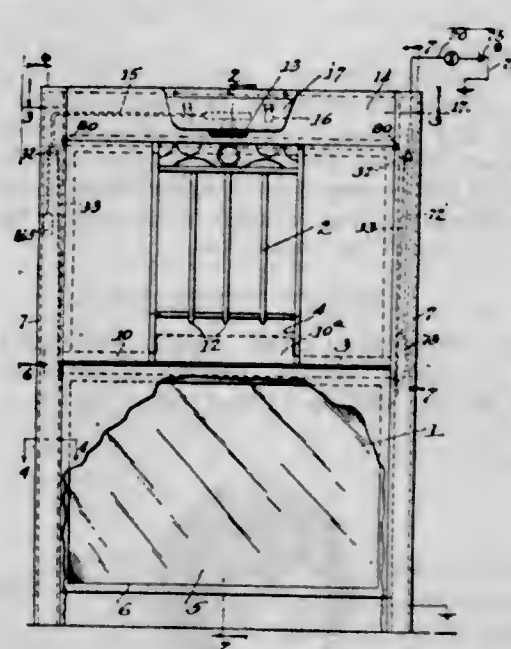
zontally and spaced vertically, the outer end portion of each of said arms being provided with a cross member, and a spiral road bed supported by said arms, said road bed being sectional with opposed ends of adjacent sections resting on a cross member of an arm, and means for securing said extremities of the sections to the cross member.

1,645,130. PUSH-SWITCH SOCKET. EDGAR H. FREEMAN, Trenton, N. J., assignor, by mesne assignments, to Circle F. Mfg. Co., Trenton, N. J., a Corporation of New Jersey. Filed June 9, 1923. Serial No. 644,430. 4 Claims. (Cl. 173—355.)



1. A push button socket including a base formed at one face thereof with pivot bearing seats, a shifter member adapted to slidably engage with the other face of the base, a switch member; a pivot pin engaging said switch member and resting in the bearing seats, a plunger engaging the switch member and also engaging the shifter member, and a spring confined between a part of the plunger and switch member and holding the shifter member and the switch member to opposite sides of the base.

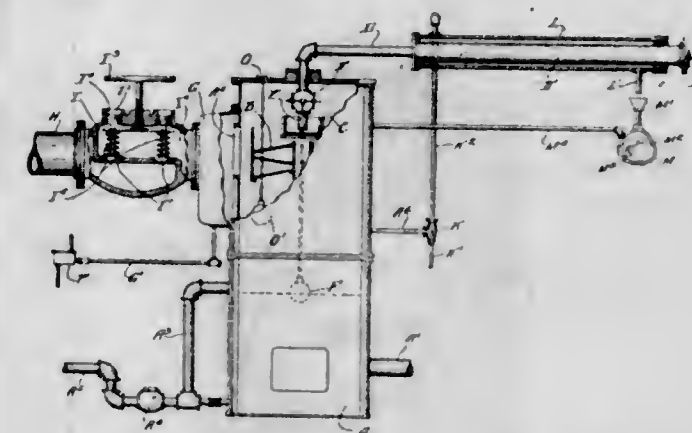
1,645,131. SAFETY DEVICE. ALBERT A. GAREY, Altadena, Calif. Filed Feb. 6, 1926. Serial No. 86,552. 3 Claims. (Cl. 20—1.01.)



1. The combination of a partition forming a counter and having an opening in the partition extending upwardly from the counter, a grille for the opening terminating in spaced relation above the counter, the counter having an opening therethrough, a hinged closure for the counter opening adapted to swing upwardly and outwardly against the frame of the partition for closing the space between the grille and the counter, and a barrier

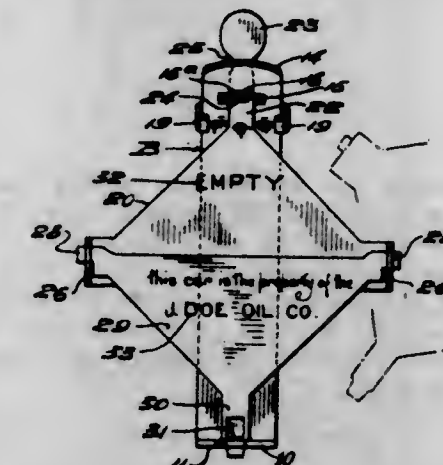
normally concealed by the partition and adapted for elevation through the counter opening to swing the hinged closure upwardly and outwardly with the barrier overlying the grille.

1,645,132. DEAERATING WATER. GEORGE HERBERT GIBSON, Montclair, N. J., assignor to Cochrane Corporation, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Apr. 11, 1921. Serial No. 460,389. 9 Claims. (Cl. 183—2.5.)



1. In heating and deaerating water, the method of utilizing steam, normally available in restricted and variable amounts from a source in which a minimum pressure is desirably maintained, to facilitate deaeration and in heating the water, which consists in passing the water through a deaerating chamber in a finely divided form, and supplying steam to said chamber from said source to satisfy the heat absorption capacity of the chamber so far as is possible without reducing the pressure of the steam source below said minimum pressure and without regard to the difference between the pressure of said source and in said chamber, and withdrawing air and vapor from said chamber as required to maintain a pressure therein corresponding approximately to the pressure of the saturated water vapor at the temperature to which the water is heated in said chamber.

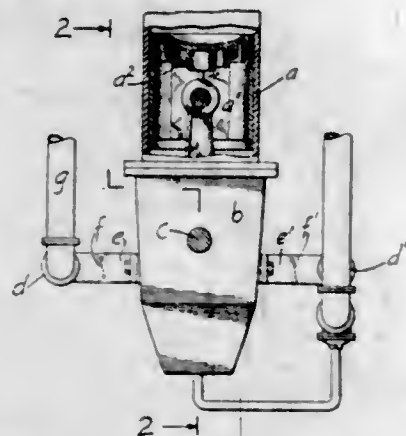
1,645,133. INDICATOR FOR RAILROAD CARS. FRANK M. GINGER, Eldorado, Kans., assignor of one-third to H. J. Olsen and one-third to William G. Blankinship, Eldorado, Kans. Filed Sept. 28, 1926. Serial No. 138,266. 2 Claims. (Cl. 40—68.)



1. An indicator of the character described comprising opposed portions each provided with openings, an indicator plate disposed between said portions and having tongues, each of said tongues being insertable through an opening, one of said tongues being rotatable within its opening when the second tongue is disengaged from its opening, a leaf carried by the plate adapted to be swung in a position to overlie opposite portions of the plate, said leaf being also provided with a tongue to pass through

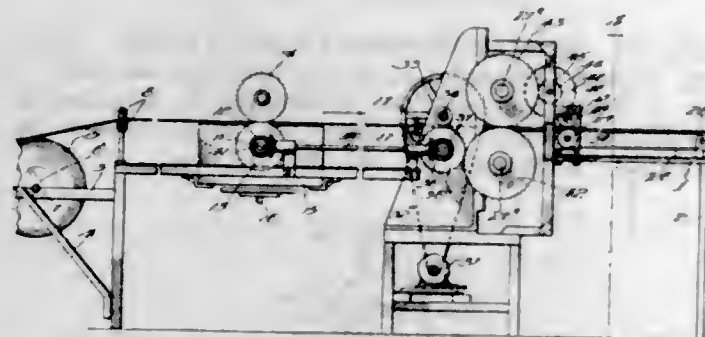
either of the openings, and means engageable with one of the tongues to hold the plate in applied position, said means being also engageable with the leaf for holding the same in one of its two positions.

1,645,134. COOLING SYSTEM FOR CRANK CASES OF INTERNAL-COMBUSTION ENGINES. JONATHAN P. GLASBY, Jr., Verona, N. J. Filed Nov. 14, 1923. Serial No. 674,636. 4 Claims. (Cl. 123-171.)



1. In a cooling system for a multi-cylinder internal combustion engine having pistons reciprocating therein, the combination with the crank case, of means to divide the crank case into chambers corresponding respectively to the cylinders, an air inlet in each chamber, a check valve to control each air inlet, respectively, an air outlet in each chamber, and a check valve to control each air outlet, respectively and permit the escape of air freely into the atmosphere.

1,645,135. MACHINE FOR MAKING CARTONS. SOLOMON H. GOLDBERG and WALTER H. HERMSDORF, Chicago, Ill.; said Hermsdorf assignor to said Goldberg. Filed Oct. 15, 1923, Serial No. 668,484. Renewed Mar. 10, 1927. 7 Claims. (Cl. 93-58.)

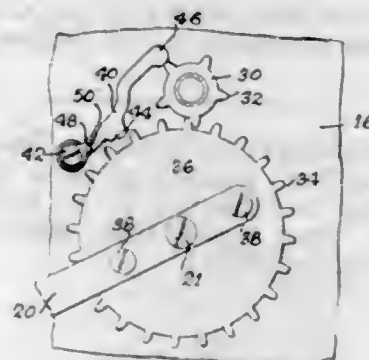


1. In a machine for cutting and scoring blanks, the combination with means for feeding forward a continuous sheet from a roll of paper stock, of continuously rotating opposed cutting and scoring rolls acting on said sheet, gripping rolls adapted to separate the formed blank, an endless conveyor narrower than the lower gripping roll and mounted thereon to remove the blank after eliminating the waste.

1,645,136. WINDOW REGULATOR. BERTRAM J. GOLD-SMITH and EMIL KOEB, New York, N. Y., assignors to Perfect Window Regulator Corporation, Long Island City, N. Y., a Corporation of Delaware. Filed May 27, 1925. Serial No. 33,074. 6 Claims. (Cl. 192-4.)

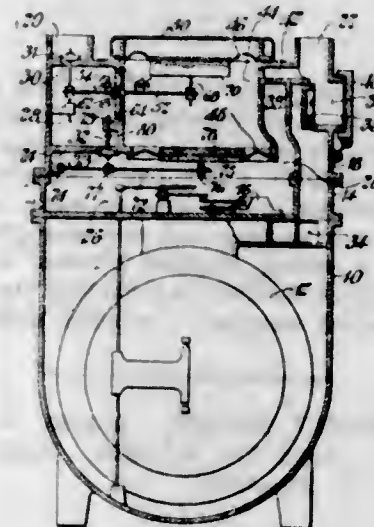
4. In a window regulator, a toothed rotatable operated member, a rotatable operating shaft, a toothed rotatable operating member operatively connected thereto and adapted to mesh with the teeth on said operated member, the teeth of said operating member being spaced apart

further than the teeth of said operated member to provide lost motion between said operating member and said operated member, and a locking member extending to a



position to engage said operating member to be operated thereby and adapted to lock said operated member against rotation.

1,645,137. ART OF GAS DISTRIBUTION. ROBERT G. Gaiswold, Westfield, N. J., assignor to Doherty Research Company, New York, N. Y., a Corporation of Delaware. Filed Aug. 2, 1923. Serial No. 655,152. 15 Claims. (Cl. 73-1.)



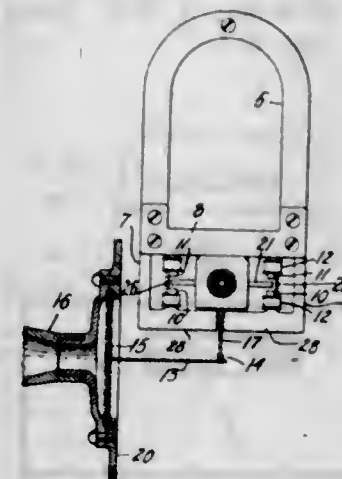
1. The combination of a casing having an inlet and outlet, a volumetric metering mechanism in said casing, means in said casing for normally maintaining constant gas pressure in said outlet, and demand limiting means also in said casing operating independently of said means and controlled at least in part by the drop in pressure across said volumetric mechanism.

1,645,138. COMBINATION COMB HOLDER. ETTA JANE HARKNESS, Seattle, Wash. Filed Dec. 15, 1926. Serial No. 154,888. 2 Claims. (Cl. 132-38.)



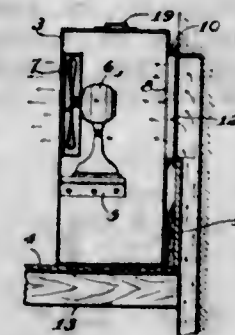
1. A comb holder comprising a wave comb, an elastic member having its ends secured to said comb in spaced relation, a hair pin, and the loop of the elastic member secured to said hair pin.

1,645,139. MECHANICAL VIBRATORY SYSTEM. HENRY C. HARRISON, Port Washington, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Nov. 16, 1923. Serial No. 675,089. 6 Claims. (Cl. 195-339.)



1. In a mechanical vibratory system for the transmission of sound wave energy having relatively movable members a plurality of strips of thin material extending radially between and connecting said members and having their edges free.

1,645,140. APPARATUS FOR USE WITH HOT-AIR HEATING SYSTEMS. RALPH A. HERBRUCK, Dayton, Ohio. Filed Feb. 2, 1927. Serial No. 165,390. 4 Claims. (Cl. 99-108.)



1. In combination in hot air heating apparatus, a portable casing open on the lower side and adapted to rest upon a floor and surround a hot air register, and also open its rear side, so that such opening may be placed in opposition to a wall register, a door for such last opening, and an electric fan in the casing facing away from such last opening, an outlet opening being provided in the front wall of the casing in line with the fan.

1,645,141. STENCIL SHEET. SHINJIRO HORII, Tokyo, Japan. Filed May 18, 1926. Serial No. 109,974. 3 Claims. (Cl. 41-38.6.)

1. As a new article of manufacture, a stencil sheet made of a base of fibrous material, and an impregnating composition comprising esters of polysaccharides and chlorinated naphthalene.

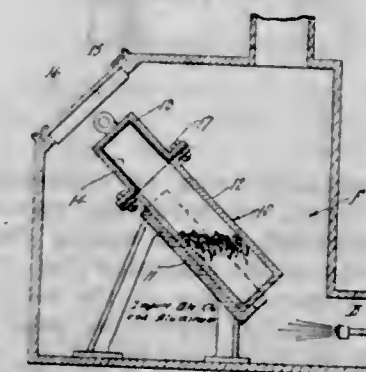
1,645,142. PROCESS OF SOLIDIFYING ALUMINUM CHLORIDE. CLIFFORD W. HUMPHREY, Red Bank, N. J., and DONALD S. MCKITTRICK, Oakland, Calif., assignors to Clifford W. Humphrey, San Francisco, Calif., and Henry I. Lea, Santa Monica, Calif. Filed May 29, 1923. Serial No. 642,210. Renewed Aug. 18, 1927. 13 Claims. (Cl. 23-93.)

1. The process of solidifying aluminum chloride, that includes heating it to a temperature above its triple point and under a pressure sufficient to restrict vaporization and hold the body of aluminum chloride in liquid form, and then reducing the temperature of the vapor without correspondingly reducing the pressure.

1,645,143. PROCESS OF PURIFYING ALUMINUM CHLORIDE. CLIFFORD W. HUMPHREY, Red Bank, N. J., and DONALD S. MCKITTRICK, Oakland, Calif., assignors to said Humphrey and Henry I. Lea, Santa Monica, Calif. Filed May 31, 1923. Serial No. 642,676. Renewed Nov. 6, 1926. 13 Claims. (Cl. 23-93.)

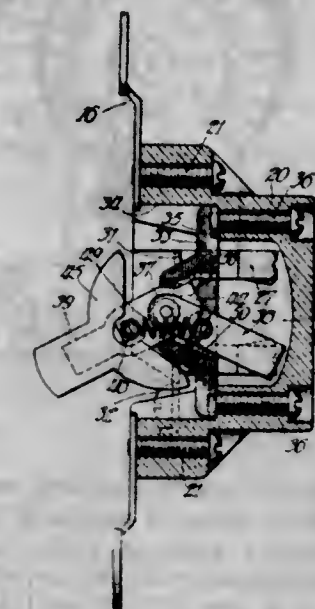
1. The process of purifying aluminum chloride that contains iron or other chlorides, that includes heating the chlorides in admixture with aluminum to a temperature and pressure sufficient to liquefy the aluminum chloride and to cause the aluminum to replace the iron or other element of the chloride impurities.

1,645,144. APPARATUS FOR PURIFYING AND SOLIDIFYING ALUMINUM CHLORIDE. CLIFFORD W. HUMPHREY, Red Bank, N. J., and DONALD S. MCKITTRICK, Oakland, Calif., assignors to said Humphrey and Henry I. Lea, Santa Monica, Calif. Filed May 31, 1923. Serial No. 642,677. Renewed Nov. 6, 1926. 4 Claims. (Cl. 23-264.)



1. Apparatus for a process of the kind herein described, comprising in combination a furnace, a retort of two chambers, one chamber located within the furnace and the other chamber adapted to be placed within the furnace or extended to a position beyond the furnace, so that both chambers may be heated or one chamber may be heated while the other is relatively cooled.

1,645,145. SWITCH. LOUIS KELLNER, Chicago, Ill., assignor to Chicago Fuse Mfg. Co., Chicago, Ill., a Corporation of Illinois. Filed July 8, 1925. Serial No. 42,125. 6 Claims. (Cl. 200-67.)



1. A switch having, in combination, a base having opposed notches in its end walls, a supporting standard resting at its ends in said notches, a plurality of fixed

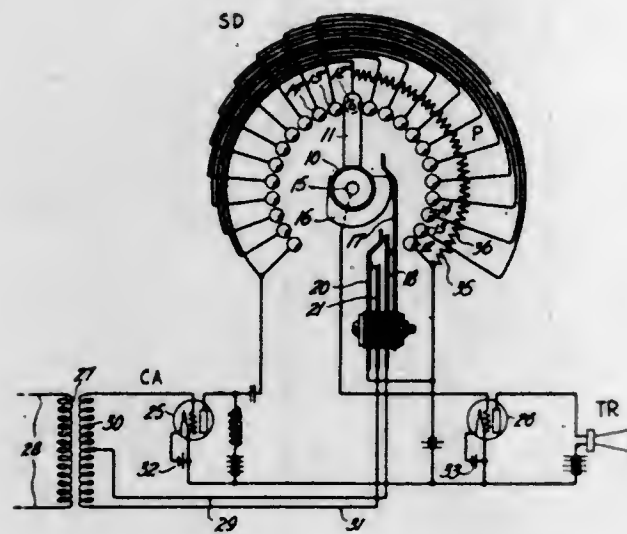
contacts, a pivot on said standard, a switch blade mounted on said pivot, said switch blade extending along opposite sides of said standard and being mounted to swing into and out of selective engagement with said contacts, an operating lever mounted on said pivot, spring means connecting said blade and said lever at points on opposite sides of said pivot, said spring means being adapted to shift said blade upon movement past the dead center, and a pair of kick-off levers mounted in said standard, said kick-off levers being in position for engagement by said lever to institute the movement of said blade.

1,645,146. PISTON RING. LEWIS KINSLEY, Philadelphia, Pa., and JAMES W. S. MOSS, New York, N. Y., assignors to Hope Machine Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Oct. 29, 1924. Serial No. 746,508. 4 Claims. (Cl. 74-109.)



3. In a two-part piston ring, an eccentrically formed expansion ring having an outwardly extending flange thereon, a concentrically formed sealing ring enclosing the unflanged portion of the expansion ring, said rings being provided with gaps, a lug on the sealing ring arranged to extend into the gap in the flange of the expansion ring, and the width and height of the lug being less than the width and height of the gap in the flange to provide clearance for the escape of fluid.

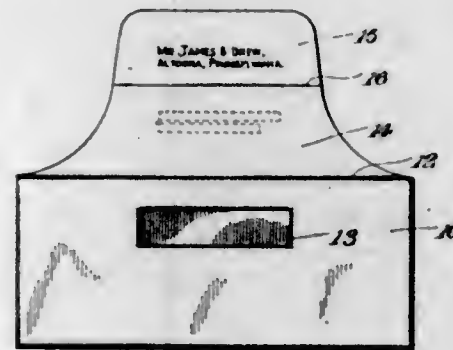
1,645,147. SWITCHING DEVICE. JOHN J. KUHN, Elizabeth, N. J., and WALTER L. BETTS, Brooklyn, N. Y., assignors to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Dec. 24, 1925. Serial No. 77,664. 4 Claims. (Cl. 179-171.)



1. In an intelligence signaling system, the combination with a radio amplifier circuit, a switching device comprising sets of contacts, a wiper, a shaft for moving said wiper in contacting relation with each of said contacts, resistances connected to one of said sets and multiplied to the contacts of the other set, sets of normally open and closed contact springs, a transformer having portions of its output winding connected to said contact springs, and means operated by the switch shaft for actuating said

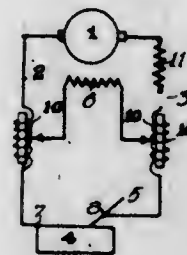
springs for associating portions of the transformer with said resistances for controlling the volume output in the amplifier circuit.

1,645,148. ENVELOPE. DONALD R. MCCAIN, Helmetta Borough, N. J. Filed Mar. 3, 1927. Serial No. 172,244. 4 Claims. (Cl. 229-73.)



1. As an improved article of manufacture, an envelope having an edge opening, a window in one face, and a flap on the edge of the second face disposed so as to be tucked into the opening and of a length to carry an address on either side and permit either address to be brought opposite said window.

1,645,149. DIRECT-CURRENT-GENERATOR SYSTEM. SEWARD W. MANN, Pittsburgh, Pa., assignor to H. Kleinhans Company, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed Sept. 2, 1924. Serial No. 735,310. Renewed Feb. 18, 1927. 13 Claims. (Cl. 171-223.)

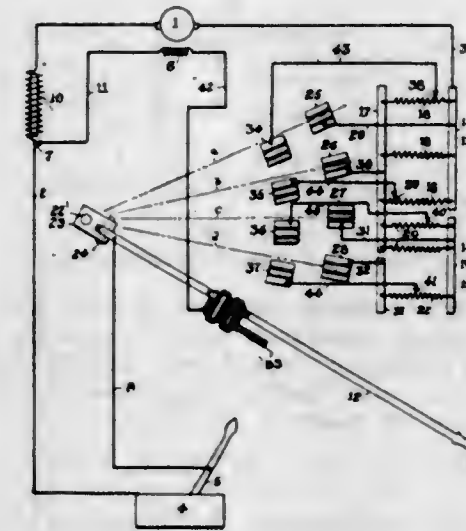


1. In a system for the regulation of current generated by a direct-current arc-welding apparatus, an armature, work-terminals between which a short circuit is made upon starting and an arc is drawn during welding, leads connecting the armature to the work-terminals, and a shunt field connected across the leads in parallel with the work terminals at such points with reference to the resistance in the leads on each side of the said points that, when a short circuit is made between the work-terminals, the shunt field remains so energized as to cause current of substantially no greater than predetermined normal welding value to flow through the work-terminals.

1,645,150. APPARATUS FOR CONTROLLING THE FLOW OF CURRENT FROM DIRECT-CURRENT GENERATORS. SEWARD W. MANN, Pittsburgh, Pa., assignor to H. Kleinhans Company, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed Nov. 24, 1925. Serial No. 71,154. 3 Claims. (Cl. 171-229.)

1. In an apparatus for regulating the flow of current from a direct current generator through a translating device subject to widely varying current consumption, a shunt field winding for the generator, resistance for the load and field circuits, a switch for closing both circuits in a plurality of selective settings to vary said resistances,

and connections whereby when the said circuits are closed by the said switch, resistance in the said circuits is so proportioned that, at any setting of the switch, field



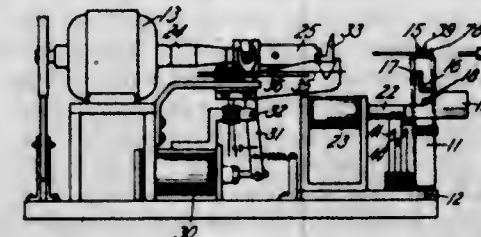
strength will be such as to cause a substantially constant current to flow in the load circuit irrespective of variations in the resistance of said translating device.

1,645,151. DESK TRAY. PAUL MATHEWSON, Durham, Conn. Filed Aug. 28, 1923. Serial No. 659,758. 4 Claims. (Cl. 129-32.)



1. A desk tray comprising, a rearwardly inclined bottom having a lip extending forwardly and downwardly therefrom, side and rear walls uprising from the bottom, and pads disposed on the bottom, certain of said pads being disposed near the junction of the bottom and lip, for supporting the tray with the lip adjacent the desk upon which it rests.

1,645,152. WIRE-SPlicing MACHINE. DAVID T. MAY, Port Washington, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a Corporation of New York. Filed May 29, 1926. Serial No. 112,496. 7 Claims. (Cl. 140-115.)

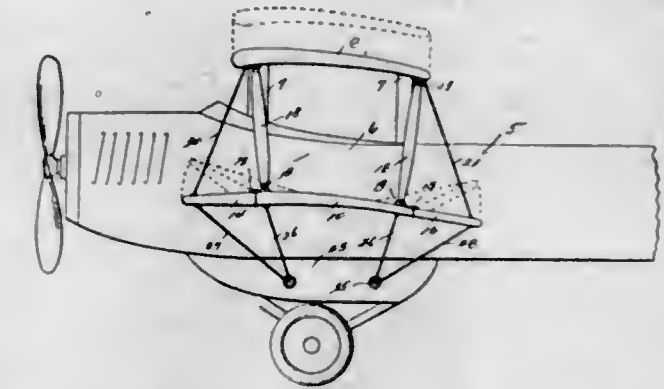


1. In a wire splicing machine having a projection around which the wires to be spliced are bent, means for twisting the wires together, and means actuated upon the completion of the twist to remove the twisted portion from said projection and bend it into alignment with the untwisted portion of the wires.

1,645,153. ADJUSTABLE WING STRUCTURE FOR AEROPLANES. ANTON NOSAN, Cleveland, Ohio. Filed Aug. 12, 1926. Serial No. 128,804. 2 Claims. (Cl. 244-12.)

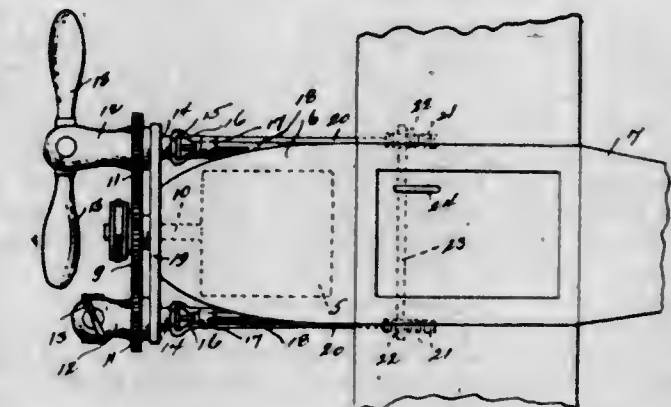
1. An aeroplane provided with upper and lower side wings, the upper wings being hinged to the fuselage,

each lower wing comprising a middle section hinged to the side of the aeroplane fuselage and front and rear sections hinged to the front and rear edges of each middle section, struts connecting the upper wings to the middle



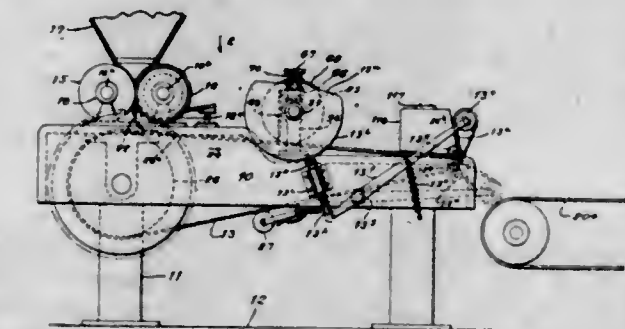
sections of the lower wings, guy ropes connected to the respective sections, and a winding mechanism carried by the fuselage operable therefrom while the machine is in flight and controlling said guy ropes.

1,645,154. DRIVING MEANS FOR AEROPLANE PROPELLERS. ANTON NOSAN, Cleveland, Ohio. Filed Aug. 18, 1926. Serial No. 129,981. 1 Claim. (Cl. 244-25.)



The combination with an aeroplane fuselage, of a cross bracket mounted on one end thereof, twin propellers with adjustable blades, having hubs mounted in bearings at opposite ends of said bracket on opposite sides of the center line of the fuselage, a single engine mounted in the fuselage, and having a shaft projecting therefrom between said hubs, gearing between the shaft and the propeller hubs, at the outer side of said bracket, and control rods for adjusting the blades, extending into the hubs at the inner side of said bracket.

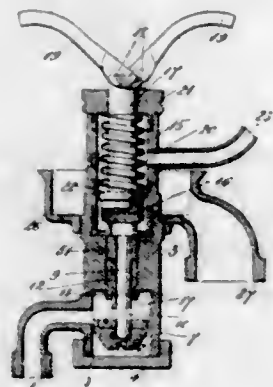
1,645,155. MACHINE FOR FORMING A FOOD PRODUCT. SCOTT H. PERKY, Rumson, N. J. Filed July 11, 1922. Serial No. 574,244. 10 Claims. (Cl. 107-4.)



3. In a machine for making food products, the combination with means for receiving the raw material and means for forming said material into a ribbon, of a belt,

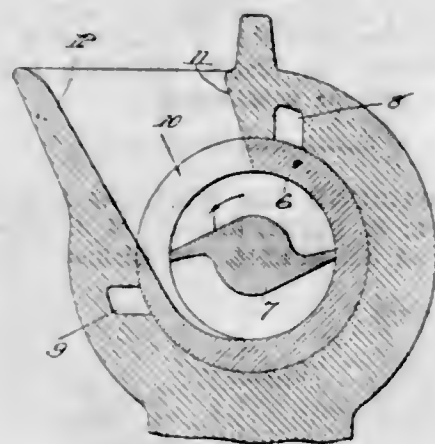
a delivery drum for guiding said belt, and means for moving said drum to obtain cooperating divergent portions thereof to roll said ribbon into the form of a cylinder and to another position for delivering said cylinder, the first position of said drum being maintained during the rolling operation.

1,645,156. VALVE. LEVI L. ROWE, Boston, Mass.; Thomas H. Rowe administrator of said Levi L. Rowe, deceased. Filed Dec. 30, 1922. Serial No. 810,045. 2 Claims. (Cl. 277-27.)



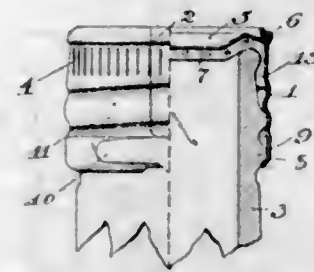
1. The device above described comprising a casting, a chamber therein having a water inlet and a passage from said chamber with a valve seat at its lower end, a valve to engage said valve seat, a spring controlled hollow valve stem to operate said valve, said valve stem being longer than said passage, a fixture normally mounted on said casting and having a chamber provided with a water outlet and an opening connecting said chamber with said passage, a spring controlled valve mounted to close said opening, said fixture when in place holding open said first named valve and allowing liquid to pass into said passage and means for operating said second spring controlled valve whereby water may pass to said outlet.

1,645,157. TUBING MACHINE. VERNON ROYLE, Paterson, N. J. Filed June 5, 1924. Serial No. 718,183. 7 Claims. (Cl. 18-12.)



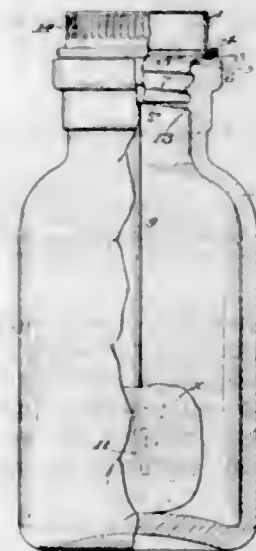
1. In a tubing machine comprising a screw and a housing with a bore therein, a feed opening formed in the housing, one wall of said opening slanting downwardly and inwardly from a point above and to one side of the screw and developing into a curve at its lower end, which curve merges into the bore at substantially the lowest part of the screw without abrupt change of direction.

1,645,158. RECEPTACLE CLOSURE. ROBERT A. RUSSELL, Ridgewood, N. J. Filed June 21, 1924. Serial No. 721,471. 2 Claims. (Cl. 215-38.)



1. A receptacle closure composed of sheet metal having an anti-corrosion lamina of treated paper, or the like, adhering to a surface thereof, said closure including a folded seam and said lamina being folded into the seam and located on the inside of the closure.

1,645,159. COMBINED RECEPTACLE CLOSURE THEREFOR AND DAUBER. ROBERT A. RUSSELL, Ridgewood, N. J., assignor to Paragon Can & Cap Company, Inc., Paterson, N. J., a Corporation of New York. Filed Dec. 16, 1924. Serial No. 756,266. 1 Claim. (Cl. 91-67.2.)

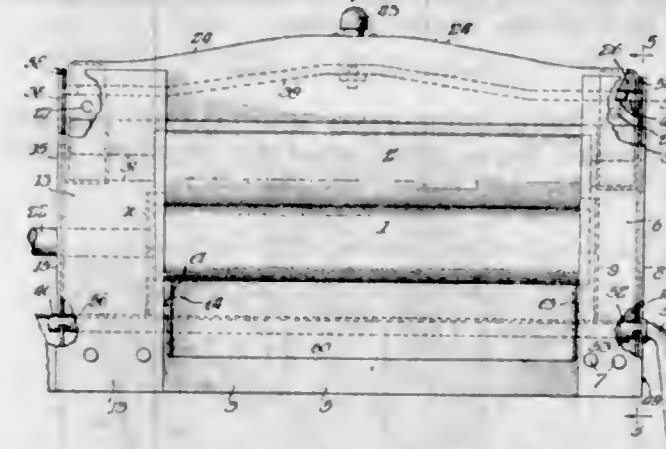


A package for liquid material comprising, a receptacle, a hollow metallic closure therefor, and a dauber, said receptacle having a neck portion provided internally with a plurality of transverse ridges formed therein and integral therewith, said ridges being so proportioned as not to materially constrict said neck portion, said closure comprising an upper member and a lower member, the members being seamed together and the lower member being provided with receptacle engaging means adapted to coact with the said transverse ridges for securing the closure removably in place, and said dauber being secured to the lower closure member and having a normal diameter slightly greater than that of the transverse ridges in the neck portion, so that the excess liquid will be wiped from the dauber as the latter is withdrawn from the receptacle, while a charge of the full absorbed amount will remain in the dauber.

1,645,160. WRINGER. SIMON E. SCHROEDER, Oak Park, Ill. Filed Feb. 17, 1922. Serial No. 537,144. 15 Claims. (Cl. 68-32.)

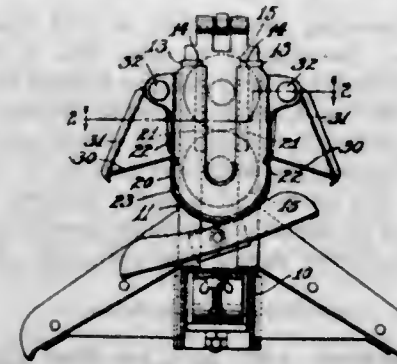
1. In a wringer, the combination of a main frame, having a wringer roll mounted thereon, an auxiliary frame movably mounted on the main frame and supporting a wringer roll above the wringer roll on the main frame, a longitudinally extending spring on the main frame below its wringer roll having connectors extending up-

wardly adjacent the ends of the auxiliary frame, and releasable connections between said connectors and the auxiliary frame whereby the spring acts upon the



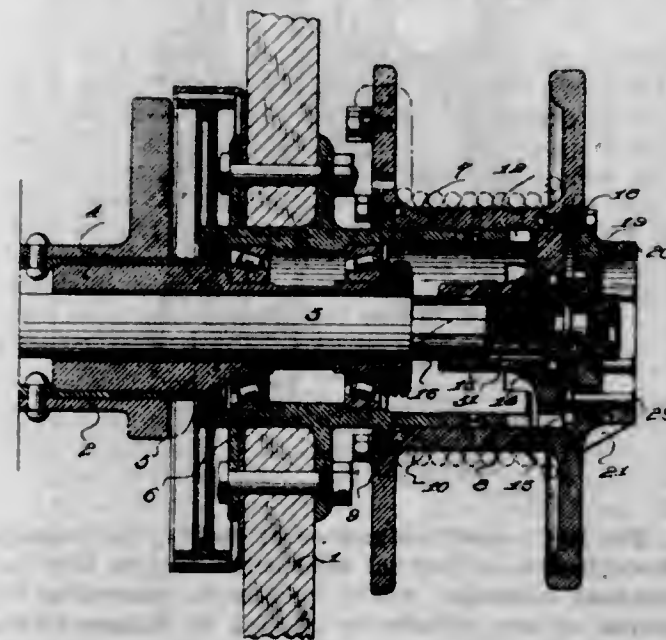
auxiliary frame to yieldingly hold the wringer roll carried thereby against the wringer roll on the main frame.

1,645,161. WRINGER. SIMON E. SCHROEDER, Newton, Iowa. Original application filed Mar. 14, 1925, Serial No. 15,434. Divided and this application filed Aug. 16, 1926. Serial No. 129,820. 2 Claims. (Cl. 68-82.)



1. In a wringer, a main frame comprising a base bar and end uprights, said uprights comprising an outer wall, side walls and intumed vertical lips, and roller guards each comprising a slotted plate having hooks along the slot slidably engaging the upright lips and clothes-guides having upturned ends secured at their upper ends to said roller guards.

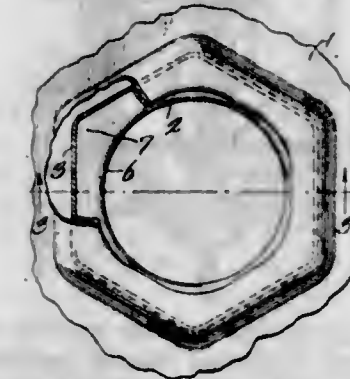
1,645,162. ATTACHMENT FOR MOTOR VEHICLES. THOMAS J. SCHUETZ, Tulsa, Okla. Filed Aug. 14, 1926. Serial No. 129,172. 6 Claims. (Cl. 180-53.)



1. In a device for taking power from a shaft, a drum, a drum cover comprising a disc provided with an out-

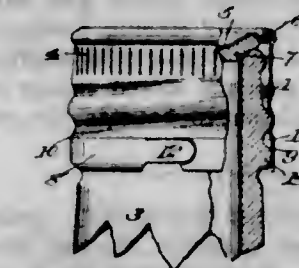
wardly projecting ring, a plurality of apertures in said disc within the circumference of said ring, spring actuated plungers mounted in said apertures and adapted to reciprocate therein and within the confines of said ring.

1,645,163. CONTAINER. MORRIS SCHWARTZ, Chicago, Ill., assignor to American Flange & Manufacturing Co., Chicago, Ill., a Corporation of Illinois. Filed June 27, 1925. Serial No. 40,023. 2 Claims. (Cl. 220-39.)



1. A container having a sheet metal wall portion formed with a hole therethrough, the part of the sheet metal surrounding the hole being bent back upon itself away from the axis of the hole to form a fold extending transversely to the axis of the hole and thence being continued along the hole axis and then toward the hole axis to form a groove and finally along the hole axis to form a skirt; in combination with a bushing having a flange and an interiorly threaded portion which is surrounded by said skirt; and a plug screwed into said bushing and having a flange lapping and pressing upon the aforesaid fold, the threaded portion of the bushing being continued at its end opposite the flange around said skirt, the intermediate wall of said groove and the perimeter of said flange having engaging portions at unequal distances from the axis of the hole to prevent the bushing from turning.

1,645,164. RECEPTACLE CLOSURE. EDWARD C. SEWARD, Brooklyn, N. Y., assignor to Paragon Can & Cap Company, Inc., Paterson, N. J., a Corporation of New York. Filed Dec. 20, 1924. Serial No. 757,240. 1 Claim. (Cl. 215-46.)

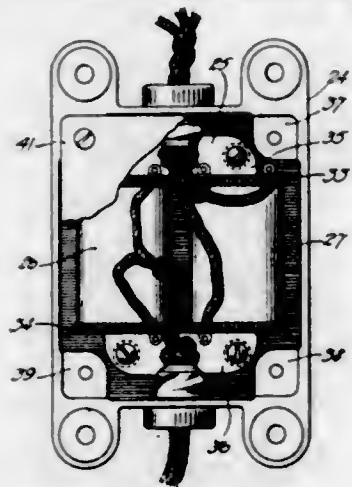


A sheet metal receptacle closure comprising a top portion, a cylindrical body portion, and a plurality of sealing strips, said sealing strips being connected around substantially the whole circumference of the lower edge of the cylindrical body portion by a connection such that they may be manually removed therefrom, each said strip having an end adapted to be grasped and pulled in order to remove the strip from the body portion, and each strip further being arranged to be removed circumferentially in the same direction as each other strip.

1,645,165. TRANSFORMER CIRCUITS. WILLIAM J. SHACKELTON, Scotch Plains, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Aug. 21, 1922. Serial No. 583,437. 4 Claims. (Cl. 175-356.)

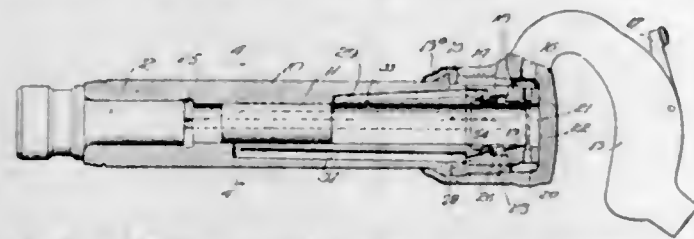
1. A transformer for supplying a load circuit with substantially pure sine wave voltage from an alternating current source, said transformer having primary and secondary windings, one winding being formed in two balanced

portions, said windings being so proportioned with respect to the frequency of said alternating current that the fundamental frequency is readily transmitted, and a core structure for said transformer adapted to produce a substantially symmetrical flux leakage around each portion of said one winding, providing leakage reactance sufficient to filter out from said load circuit and from across the terminals of each of said winding portions harmonics in said alternating current source.



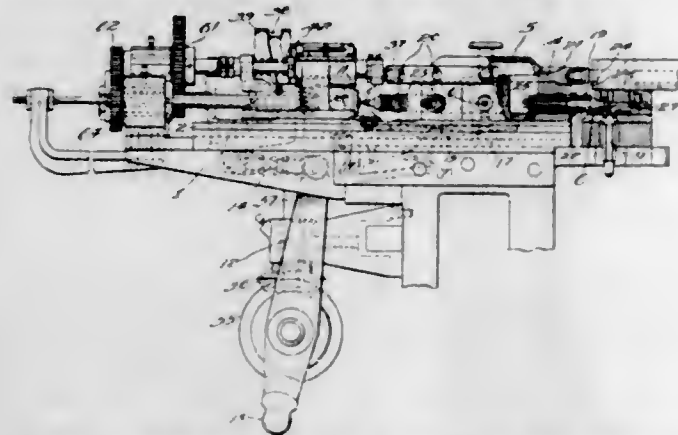
stantially symmetrical flux leakage around each portion of said one winding, providing leakage reactance sufficient to filter out from said load circuit and from across the terminals of each of said winding portions harmonics in said alternating current source.

1,645,166. FLUID-PRESSURE-OPERATED TOOL. ERNEST H. SHAFF, Grand Haven, Mich., assignor to William H. Keller, Inc., Grand Haven, Mich., a Corporation of Michigan. Filed May 10, 1920. Serial No. 380,017. 25 Claims. (Cl. 121-15.)



1. In a fluid-pressure-actuated tool, a cylinder, a reciprocating piston, a valve for controlling the movements of the piston, passages communicating with said cylinder adjacent its ends for delivering fluid to and receiving fluid from the same, and additional passages communicating with the cylinder at other points and arranged to be controlled by said valve for storing pressure-fluid during the forward stroke of the piston, said additional passages being adapted to liberate the stored charge during the return stroke of the piston to actuate the piston on said return stroke.

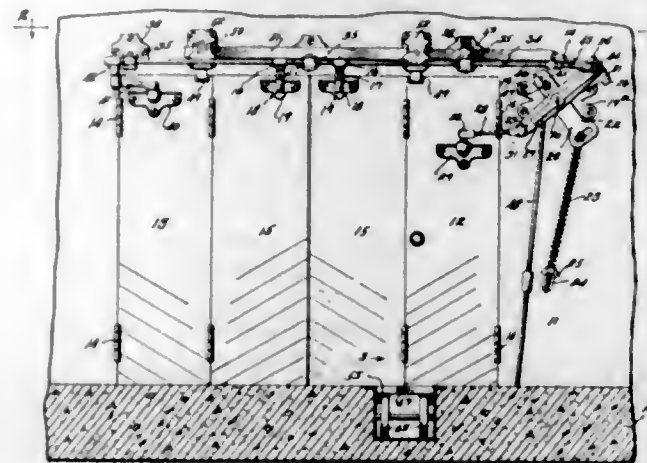
1,645,167. DIE-CASTING MACHINE. GEORGE A. THEOBALD and THEODORE A. OLSON, Boston, Mass., assignors to Pollock Pen Company, Boston, Mass., a Corporation of Delaware. Filed Apr. 2, 1923, Serial No. 629,522. Renewed Mar. 3, 1927. 5 Claims. (Cl. 22-77.)



1. A die casting machine of the character described, consisting in a frame having a reciprocating means mounted thereon, a die and a metal supply means com-

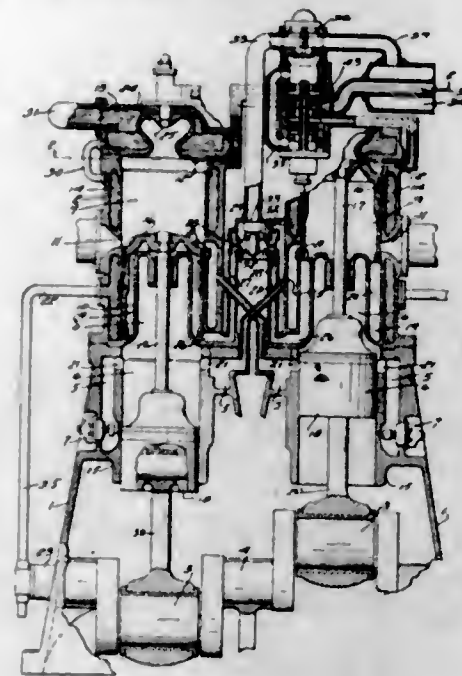
municating therewith, a rotatable element carried by the reciprocating means having die closure members thereon adapted to co-operate with the die during molding periods to form slugs, and means for automatically removing the slugs from the die closure members.

1,645,168. DOOR-OPERATING MECHANISM. ARTHUR E. THOMAS, Wayne, Mich. Filed Mar. 29, 1924. Serial No. 702,752. 12 Claims. (Cl. 268-35.)



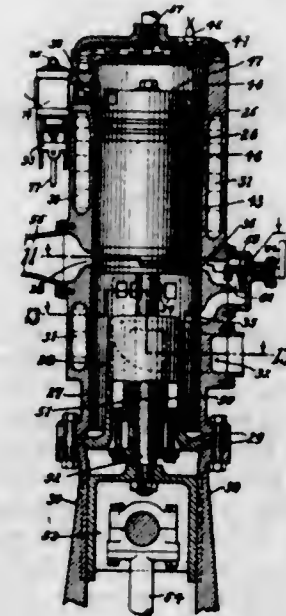
1. In door operating mechanism, a door frame, a pair of folding doors, one hinged to each side of the frame, each door comprising an inner section hinged to the frame and an outer section hinged to swing toward its mate, operating mechanism to swing said doors provided with a rod having a connection with one section of each of the doors to swing the door, and a guide member carried by the other section of each door slidably mounted upon said rod to travel thereover during the swinging of the doors.

1,645,169. METHOD AND MEANS FOR OPERATING CONSTANT-PRESSURE INTERNAL-COMBUSTION ENGINES. WILLIAM B. SMITH WHALEY, New York, N. Y., assignor to Whaley Engine Patents, Inc., a Corporation of Delaware. Filed Jan. 3, 1922. Serial No. 526,727. 26 Claims. (Cl. 123-1.)



1. The herein-described method of limiting the pressure in the cylinders of internal combustion engines to a predetermined maximum which consists in increasing the clearance of the cylinder by placing in communication therewith a body of substantially static gas when the pressure in the cylinder has reached substantially the predetermined maximum pressure.

1,645,170. INTERNAL-COMBUSTION ENGINE. WILLIAM B. SMITH WHALEY, New York, N. Y., assignor to Whaley Engine Patents, Inc., a Corporation of Delaware. Re-filed for abandoned application Serial No. 138,207, filed Dec. 21, 1916. This application filed Jan. 23, 1923. Serial No. 614,506. 8 Claims. (Cl. 123-26.)



1. The herein described cycle for internal combustion engines, comprising the admission into the combustion chamber of an enriched initial mixture, rich in carboniferous elements and relatively lacking in air to support incomplete burning of said carboniferous elements; burning and expanding said initial mixture; then injecting air under pressure into said burning mixture continuously in response to a change in pressure in said combustion chamber from a point previous to the extinguishment of said initial mixture, and subsequent thereto to a point just previous to the exhaust period of the cycle; and finally exhausting the burnt products from the combustion chamber.

1,645,171. FURNACE DOOR. HARRY H. WEISS, Chicago, Ill. Filed Sept. 25, 1924. Serial No. 739,847. 6 Claims. (Cl. 220-55.)



1. In a device of the class described the combination of a door frame, a door hanger pivotally connected with the door frame, a door carried by said door hanger, a lock provided to lock said hanger to said door frame and means arranged in spaced relation to each other adjacent the edges of the door for movably mounting said door with respect to said hanger whereby said door and hanger are movable relatively to each other and said door is yieldably held relatively to the hanger and frame when said door is in engagement with said frame.

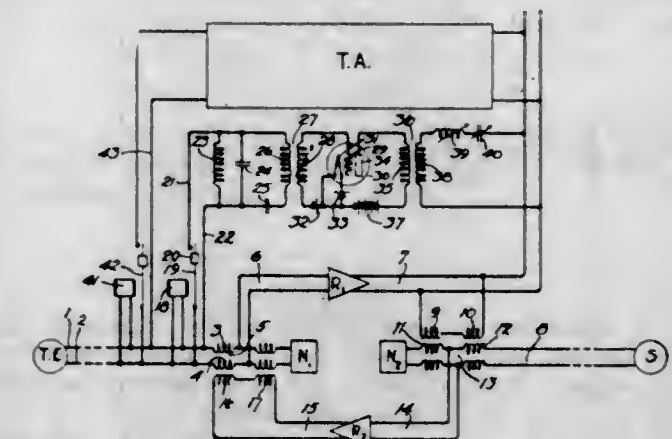
1,645,172. FIRE-RESISTANT FIBROUS MATERIAL AND METHOD OF PRODUCING THE SAME. ALEXANDER WINOGRADOFF, New York, N. Y., assignor to Improved Office Partition Co., Elmhurst, Long Island, N. Y., a Corporation of New York. Filed Dec. 22, 1926. Serial No. 156,515. 8 Claims. (Cl. 134-78.6.)

1. Treating combustible fibrous material with a mixture of a solution of a water soluble magnesium salt and a solution of a water soluble bicarbonate and subsequently heating the material to precipitate magnesium carbonate and thereby render the material fire resistant.

1,645,173. LIQUID MIXTURE FOR USE IN TREATING COMBUSTIBLE FIBROUS MATERIALS TO RENDER THEM FIRE RESISTANT. ALEXANDER WINOGRADOFF, New York, N. Y., assignor to Improved Office Partition Co., Elmhurst, Long Island, N. Y., a Corporation of New York. Filed Dec. 22, 1926. Serial No. 156,516. 8 Claims. (Cl. 134-78.6.)

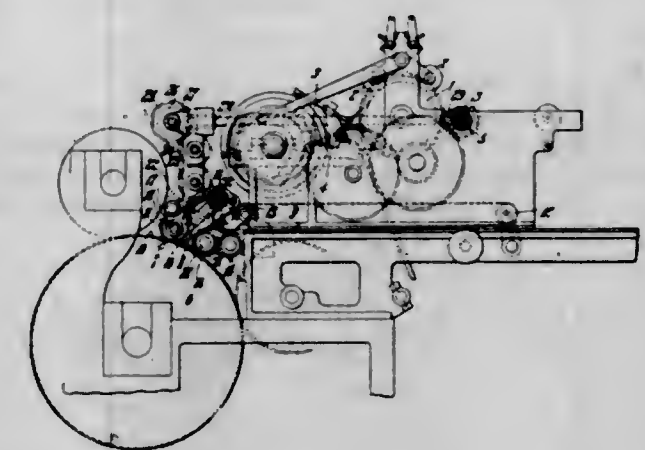
1. A mixture of a solution of a water soluble magnesium salt and a solution of a water soluble bicarbonate for treating combustible fibrous material to render it fire resistant.

1,645,174. ELECTRICAL-DISTURBANCE-ELIMINATING SYSTEM. IRA G. WILSON, Brooklyn, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Dec. 29, 1925. Serial No. 78,185. 14 Claims. (Cl. 179-78.)



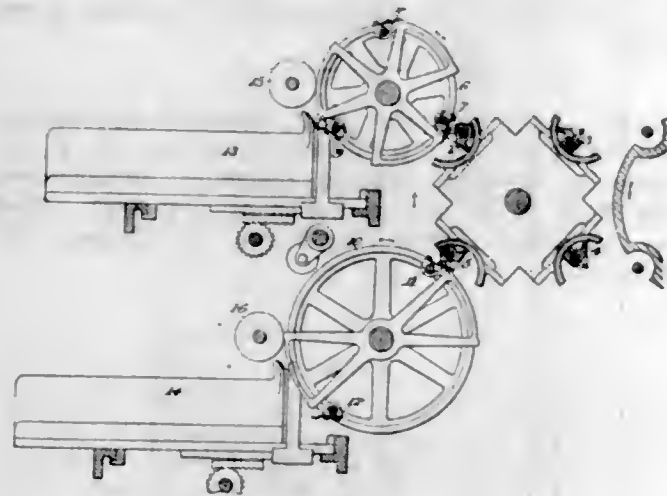
13. In combination, a line over which speech and noise impulses are transmitted, a normal line, a correcting circuit normally connected to said normal line, and automatic means operated by said noise impulses to associate said correcting circuits to said line to neutralize said noise impulses.

1,645,175. HOLDING SHEETS IN REGISTER ON TAPE CARRIERS. HOWARD M. BARBER, Stonington, Conn., assignor to C. B. Cottrell & Sons Company, New York, N. Y., a Corporation of Delaware. Filed Oct. 2, 1923. Serial No. 666,132. 2 Claims. (Cl. 271-50.)



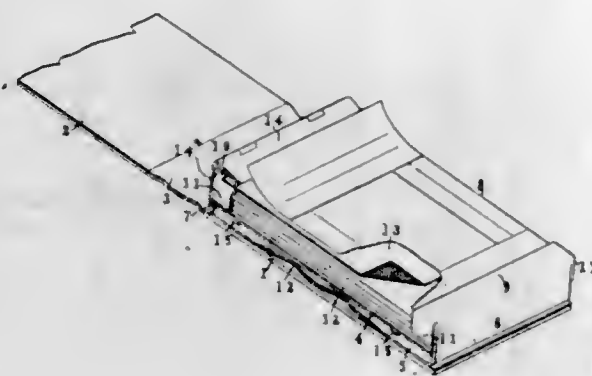
1. Sheet taking means, an endless tape carrier for conveying the sheets to the sheet taking means, a roll over which the tapes of the carrier pass, a transverse support, rock arms carried thereby and rollers carried by said rock arms in position to rest by gravity on the said tapes where they pass over said roll for engaging the advance end of the sheet and to maintain contact with the sheet until it is received by the sheet taking means, to ensure the proper feeding of the sheet in register.

1,645,176. SIGNATURE-DELIVERY MECHANISM FOR PRINTING PRESSES. HOWARD M. BARBER, Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I., a Corporation of Delaware. Filed Mar. 26, 1926. Serial No. 97,634. 8 Claims. (Cl. 271-64.)



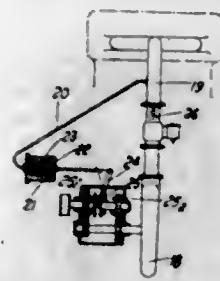
3. A signature delivery comprising two signature delivery points, two signature delivery carriers therefor, and a common folding carrier, one of the delivery carriers being the same diameter as the folding carrier and the other delivery carrier being three fourths the diameter of the folding carrier, the folding carrier having four equally spaced sets of grippers, the larger delivery carrier having two equally spaced sets of grippers and the smaller delivery carrier having three equally spaced sets of grippers, said grippers being operable to deliver various signatures to one or both of said delivery points.

1,645,177. HOLDER FOR MANIFOLDING BOOKS. EDWARD KIRBY BOTTLE, Elmira, N. Y., assignor to American Sales Book Company, Limited, Toronto, Ontario, Canada, a Corporation of Ontario. Filed Apr. 7, 1923. Serial No. 630,578. 5 Claims. (Cl. 281-44.)



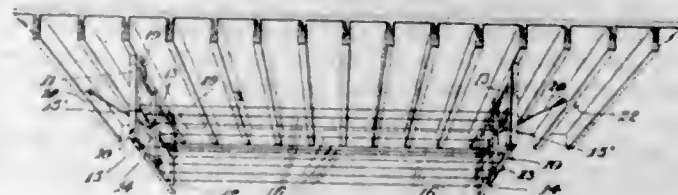
1. A holder for manifolding pad, comprising, in combination, a resilient plate, upturned webs at the ends of said resilient plate, and flanges carried by said webs, a rigid plate embraced between said resilient plate and said flanges, said resilient plate being adapted to urge said rigid plate into engagement with said flanges and means for keeping said rigid plate and said resilient plate in lateral alignment.

1,645,178. SUPERCHARGING OF INTERNAL-COMBUSTION ENGINES. ARCHIBALD HALL-BROWN, Surrey, England. Filed Oct. 25, 1926, Serial No. 143,931, and in Great Britain Oct. 24, 1925. 1 Claim. (Cl. 123-119.)



In a supercharging device for internal combustion engines, an induction pipe, a supercharger for delivering air to said induction pipe, means for driving said supercharger, said means being automatically controlled by a system comprising a cylinder having a connection to said induction pipe, a piston movable in said cylinder and a spring acting on said piston in the opposite direction to suction from said induction pipe, to cause said driving means to bring said supercharger into operation upon increase of manifold pressure above a predetermined value.

1,645,179. CLOTHES DRIER. JAMES BUNYAN, Flushing, N. Y. Filed Mar. 5, 1927. Serial No. 173,091. 1 Claim. (Cl. 68-34.)



A clothes drier comprising a pair of frames, normally disposed in a vertical position and hinged in spaced relation to a rigid support, the bottom bar of each frame being provided with openings, a horizontal bar carried by each frame in spaced relation to the bottom bar thereof, said horizontal bar being provided with openings in staggered relation to the openings in the bottom bar, flexible members extending through the openings in the bottom bars, and flexible members extending through the openings in the horizontal bars, whereby articles of clothing suspended on the second mentioned flexible members will avoid contact with articles of clothing suspended on the first mentioned flexible members.

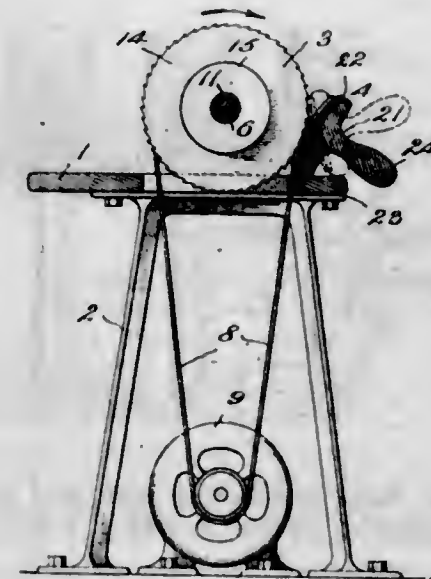
1,645,180. PROCESS FOR PRODUCING BENZOIC ACID FROM PHTHALIC ANHYDRIDE. COURTNEY CONOVER, St. Louis, Mo., assignor to Monsanto Chemical Works, St. Louis, Mo., a Corporation of Missouri. Filed Dec. 21, 1925. Serial No. 76,897. 12 Claims. (Cl. 260-105.)

1. A process for producing benzoic acid, characterized by subjecting a mixture of the vapor of phthalic anhydride and water vapor to the action of a catalytic agent.

1,645,181. CUTTING MACHINE. FRANK CONSOLI, Brooklyn, N. Y. Filed Oct. 25, 1924. Serial No. 745,775. 5 Claims. (Cl. 144-133.)

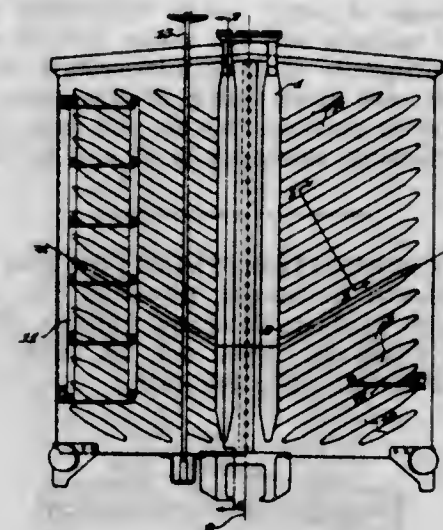
1. A cutter comprising a group of circular saws united in parallel relation and spaced apart to correspond to the chromatic scale of a violin finger board, and means

for rotating the cutter in combination with a holder for the finger board adapted to be swung in front of said cutter and an abutment for said holder upon which the



holder may be slid when holding the finger board in contact with said saws, said holder having a convex edge adapted to be slid and rocked on said abutment.

1,645,182. CORRUGATED END WALL FOR RAILWAY CARS. GEORGE E. COUTANT, Decatur, Ill., assignor to Union Metal Products Company, Chicago, Ill., a Corporation of Delaware. Filed Oct. 2, 1925. Serial No. 60,057. 14 Claims. (Cl. 105-410.)

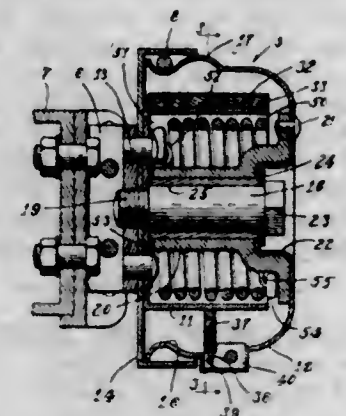


1. A metallic plate end wall for a railway car provided with a plurality of relatively deep corrugations adjacent the center of the end wall, and a plurality of corrugations with one end merging into one end of said deep corrugations and the other end merging into the original plane of the plate, the last mentioned corrugations being shallower than said deep corrugations where they merge into them.

1,645,183. SHOCK ABSORBER. ARVID G. DALIN, Rockford, Ill., assignor to Burd High Compression Ring Company, Rockford, Ill., a Corporation of Illinois. Filed Sept. 15, 1926. Serial No. 185,514. 7 Claims. (Cl. 267-10.)

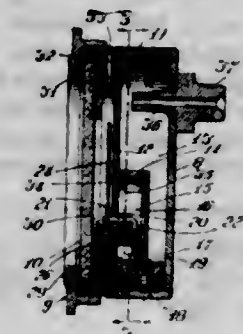
1. A shock absorber comprising a rotary drum, a fixed pivot therefor, a relatively stationary drum, spring means normally tending to rotate said rotary drum in one direction, flexible means for rotating the same in the opposite direction against the action of said spring means, a fric-

tion band hingedly mounted at one end on one of said drums and frictionally engaging the other of said drums whereby to resist the turning of said rotary drum in one



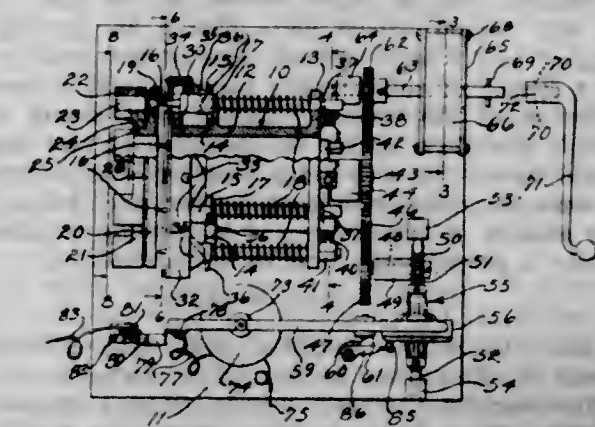
direction while permitting relatively free movement in the other direction, and spring means attached to the free end of said band for tensioning the same.

1,645,184. PRESSURE GAUGE. WILLIAM P. DALRYMPLE, Chicago, Ill. Filed Aug. 6, 1924. Serial No. 730,383. 8 Claims. (Cl. 73-31.)



1. A pressure gauge comprising a suitable casing, a metallic partition plate therein forming therewith a pressure chamber at one side of said partition plate, a float chamber in the lower portion of said pressure chamber and communicating therewith below the level of the liquid therein, whereby variation of the pressure in said pressure chamber will vary the height of the liquid in said float chamber, a float located in said float chamber and pivotally mounted on said partition plate, and a magnetized indicator connected with the pivot of said float and disposed at the opposite side of said partition plate from said pressure chamber.

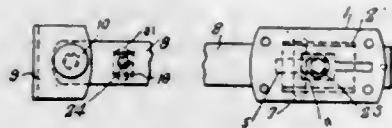
1,645,185. HOLD-UP ALARM. GEORGE R. DOBINA, Alhambra, Calif., assignor of one-fourth to H. H. Hammond and one-fourth to William R. H. Miller, Los Angeles, Calif. Filed May 8, 1922. Serial No. 559,407. 2 Claims. (Cl. 177-324.)



2. In a hold-up alarm, the combination of a standard provided with openings, headed studs on the standard, a cartridge holder, means rotatably mounting the cartridge

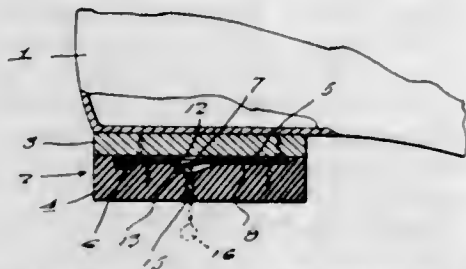
holder on the standard, the cartridge-holder provided with notches to engage the studs when the cartridge holder is turned in one direction and to disengage said studs when turned in the opposite direction, the heads of the studs engage the outer face of the cartridge holder when the studs are in the notches, said cartridge holder having a circular series of bores for receiving cartridges, plungers aligned with the openings and with the cartridges when the notches are engaged with the studs, means shiftably mounting said plungers, means to releasably hold the plungers retracted, means to release the plunger-holding means, and means to drive the plungers against the cartridges when the plunger-holding means are released.

1,645,186. DOOR STOP AND HOLDER. WARREN PHILLOS DOOLITTLE, Hamden, Conn. Filed Aug. 17, 1925. Serial No. 50,811. 5 Claims. (Cl. 292-265.)



1. A door holder comprising a plate with suitable means for fastening same to door jamb, a yoke swivelly connected to said plate, a pawl pivotally assembled between the two downwardly projecting ears of the yoke, a brace pivotally connected to a door bracket or hinge slidably connected to said swivel yoke, resting on yoke roll, an aperture in brace to properly register with pawl, a trigger suitably mounted in brace and to register with pawl when brace is in locked position, means to rock trigger so as to disengage pawl from aperture in brace.

1,645,187. SHOE HEEL. ALFRED F. DUCHENEAU, Winslow, Me. Filed June 28, 1926. Serial No. 119,105. 1 Claim. (Cl. 36-36.)

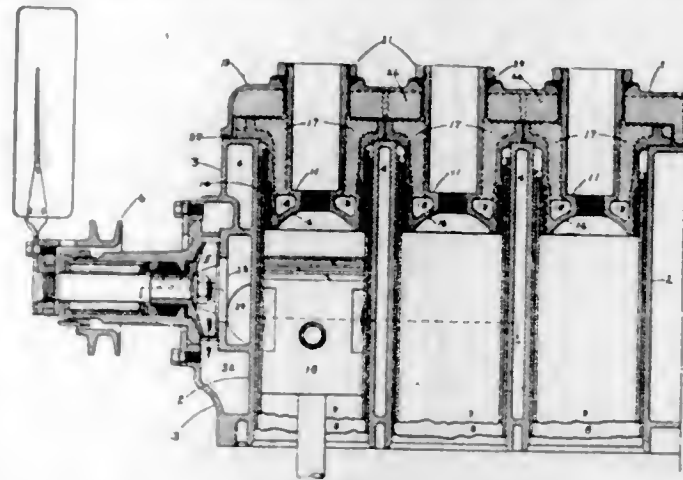


In a heel structure of the class described, a leather lift, a plate carried by said leather lift and provided with a marginal channel of substantially U-shaped design, a rubber lift formed in its top with a recess having a marginal counter groove, a second metal plate carried by the rubber lift and located in said recess, the edge portion of said second plate overhanging said groove, the groove being adapted for reception of the channel, and said channel being adapted for reception of the marginal overhanging portion of said second named plate, a down bent resilient locking tongue carried by the first named plate, said second named plate having an opening for passage of said tongue and one edge of the opening carrying a keeper of substantially right angular formation, the portion of the rubber adjacent said keeper being formed to provide a pocket for reception of said tongue, and said rubber lift also being provided with a vertical hole communicating with said pocket and adapted to permit passage of suitable means for forcing said tongue upwardly to permit said plates to be disconnected.

1,645,188. COOLING SYSTEM FOR GAS ENGINES. HENRY J. EDWARDS, Elyria, Ohio, assignor to The Willys-Overland Company, Toledo, Ohio, a Corporation of Ohio. Filed Nov. 16, 1925. Serial No. 69,351. 9 Claims. (Cl. 123-173.)

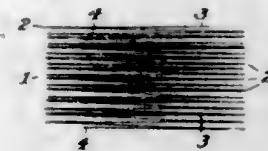
1. In a circulatory cooling system for an internal combustion engine, the combination of a cylinder, a cylinder

head for said cylinder, a cooling space above said head, a radial partition having an opening therein within said space adjacent the head and a cover for said head having



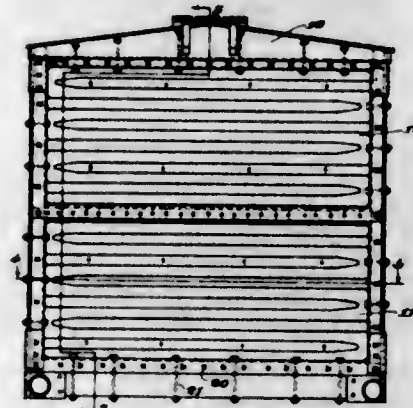
a depending flange co-operating with said partition for directing a cooling medium toward a heated surface of said head.

1,645,189. PAPER TOWEL. ARVID EK, Portland, Me., assignor to Brown Company, Portland, Me., a Corporation of Maine. Filed July 16, 1920. Serial No. 396,784. 2 Claims. (Cl. 206-57.)



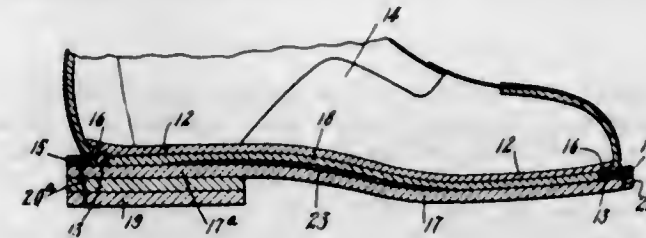
2. A package of paper towels comprising a plurality of towels of uniform size and shape, each of said towels having a multiplicity of folds intermediate its ends, the end flaps of each towel being of less width than the remaining folded portions and the end flaps of adjoining towels interlocking, substantially as and for the purpose described.

1,645,190. CORRUGATED STRUCTURE FOR RAILWAY CARS. GARTH G. GILPIN, Riverside, Ill., assignor to Union Metal Products Company, Chicago, Ill., a Corporation of Delaware. Filed Oct. 23, 1925. Serial No. 64,465. 8 Claims. (Cl. 105-410.)



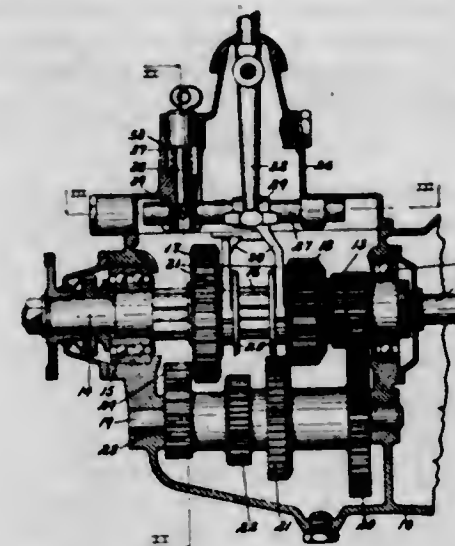
1. A metallic plate pressed to form a continuous web surrounding a panel, said panel provided with corrugations which spring from the panel adjacent one portion of the web and extend toward and merge into the opposite portions of said web, the corrugations which merge into one portion of the web are alternate with the corrugations which merge into the opposite portion of the web.

1,645,191. HEELED SHOE. FREDERICK J. GROSS, Auburn, Me. Filed July 31, 1926. Serial No. 126,135. 1 Claim. (Cl. 36-17.)



A Goodyear welt shoe including an insole, an upper, a welt extending completely around the shoe, in-seam stitches uniting the insole and upper to the welt, an outsole, outseam stitches uniting the welt to the outsole, and a lift-heel seated on the heel portion of the outsole, a portion of the welt and some of the in-seam stitches attaching the welt and upper to the insole being extended around the heel portion of the upper, while some of the outseam stitches attaching the outsole to the welt are extended around the heel portions of the outsole and welt and engaged with the lift-heel, the arrangement being such that the heel seat of the shoe is marginally confined by the conjoint action of some of the in-seam stitches, the outseam stitches connecting the welt and lift-heel being located entirely outside the heel seat of the shoe and the lift-heel being secured entirely by said outseam stitches, so that there is no penetration of the heel seat of the shoe by lift-heel fasteners.

1,645,192. TRANSMISSION-LOCK MECHANISM. WARREN T. HUNT, Toledo, Ohio, assignor to The Willys-Overland Company, Toledo, Ohio, a Corporation of Ohio. Filed Feb. 21, 1921. Serial No. 446,890. 20 Claims. (Cl. 70-90.)

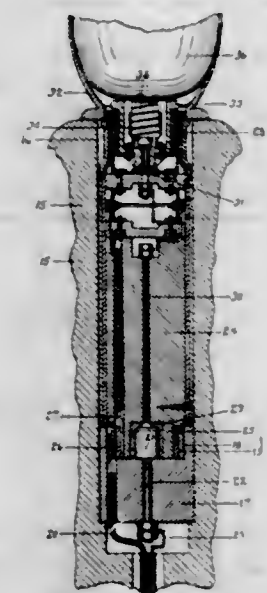


1. The combination of a variable power transmitting mechanism, a casing enclosing the same, a removable cover for said casing, mechanism carried by said cover for shifting the movable members of said variable power transmitting mechanism, means for locking said shifting mechanism against operative movement and means on said shifting mechanism for preventing the removal of said cover.

1,645,193. COMBINATION CANDLESTICK. AUGUSTUS H. JONES, Meriden, Conn., assignor to The A. H. Jones Company, Meriden, Conn. Filed May 11, 1926. Serial No. 108,232. 1 Claim. (Cl. 173-358.)

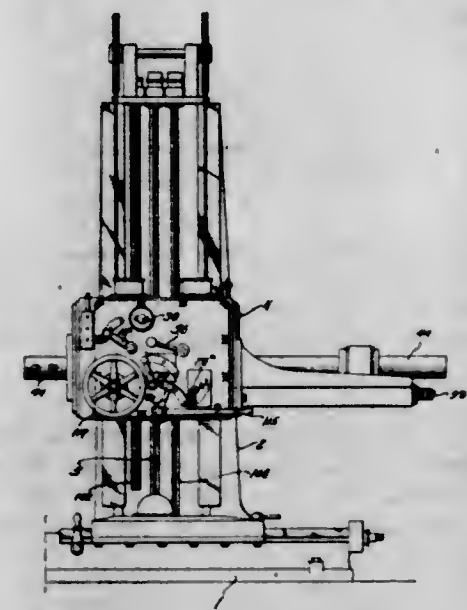
A plug-socket formed with a recess in its upper end, lined by a smooth annular ring, and with a centrally-arranged stud, said ring and stud electrically connected

with circuit-wires, a plug having its lower end reduced and surrounded by a smooth band of metal closely fitting the ring in the plug-socket, and provided in its lower end



with an inverted metal cup adapted to set over and closely fit the stud on the plug-socket, and a lamp-socket at the upper end of the plug, said band and cup electrically connected with terminals in the lamp-socket.

1,645,194. GEARING FOR METAL WORKING MACHINES. FRANK S. JONES, Philadelphia, Pa. Filed Feb. 13, 1923. Serial No. 618,786. Renewed Mar. 1, 1927. 14 Claims. (Cl. 29-26.)

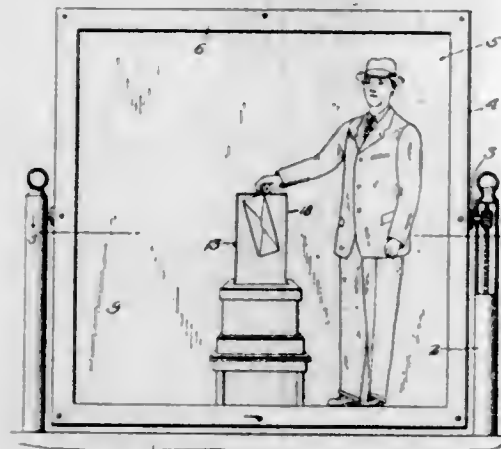


1. A metal working machine including a column shaft; a saddle; a spindle mounted in the saddle for rotation and endwise movement; speed change gears; feed change gears, and a common shifting gear whereby the speed and feed change gears may be connected for moving either the column shaft, the saddle or the spindle.

14. A metal working machine including; a saddle; a sleeve rotatably mounted in and extending through the saddle; a spindle slidably keyed in the sleeve; a bull gear on an end of the sleeve; a shaft for driving the bull gear having speed change gears and a friction gear thereon; a shaft having intermediate gears to mesh with respective change gears; a driving shaft having clutch members and sliding gears adapted to mesh with the intermediate gears and engage the clutch members; a shaft

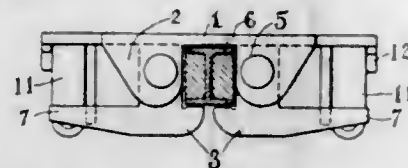
having a by-pass gear and a gear to mesh with the sliding gear; feed series gears; reversing means between the friction gear and the feed series gears, and feed change gears connected to the feed series gears.

1,645,195. ADVERTISING DEVICE. CHARLES L. KEE, Portsmouth, Va. Filed Nov. 19, 1924. Serial No. 750,819. 6 Claims. (Cl. 40—138.)



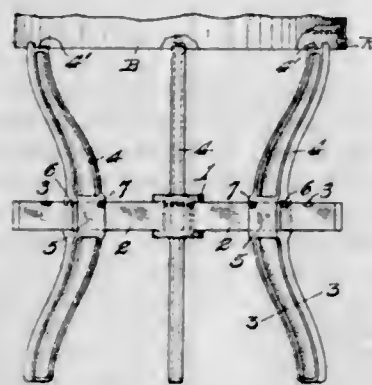
1. In an advertising device, a sign having a wall adapted to be periodically presented to view, said wall having an opening, an element biased to shift across the opening when the wall is presented to view, and means for preventing shifting movement of the element for a predetermined interval after the wall has been presented to view.

1,645,196. STAKE POCKET FOR VEHICLES. THOMAS DOWSLEY KENNEDY, Owen Sound, Ontario, Canada. Filed Mar. 3, 1926. Serial No. 92,001. 10 Claims. (Cl. 296—43.)



2. A stake pocket having an open front; a hinged gate adapted when closed to retain a stake in the pocket; a tail on said gate; a guide for a latch; and a latch slidable in the guide to and from a tail engaging position.

1,645,197. ADJUSTABLE SUPPORT FOR RANGE BOILERS. LIONEL ELDRIDGE KOONTZ, East Palestine, Ohio. Filed Dec. 31, 1925. Serial No. 78,575. 1 Claim. (Cl. 248—41.)



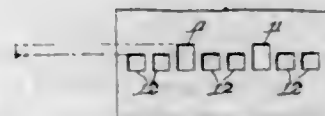
A boiler support comprising a spider having a sleeve-like body provided with an opening for the reception of a drain pipe, arms extending radially therefrom, legs

having enlarged portions intermediate their ends apertured to receive the arms therethrough, said legs having boiler seats formed on the upper ends thereof, and means for securing said legs in adjusted relation to said arms.

1,645,198. WORKING FLUID FOR REFRIGERATION. ANDREW A. KUCHER, Chester, Pa. Original application filed Apr. 7, 1922. Serial No. 550,445. Divided and this application filed Feb. 8, 1923. Serial No. 617,844. Renewed Apr. 27, 1927. 6 Claims. (Cl. 252—5.)

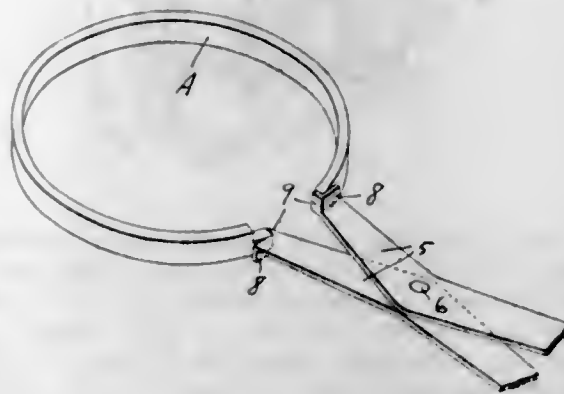
1. A working fluid for a refrigerating apparatus comprising in part ethyl chloride and in part mineral oil forming therewith a true physical solution, the ethyl chloride being equal to or in excess of the mineral oil.

1,645,199. TWO-CYCLE INTERNAL-COMBUSTION ENGINE. FRANZ LANG, Munich-Nymphenburg, Germany, assignor to Acro Aktiengesellschaft, Kussnacht-on-the-Rigi, Switzerland. Filed May 5, 1923. Serial No. 636,931, and in Germany May 9, 1922. 7 Claims. (Cl. 123—65.)



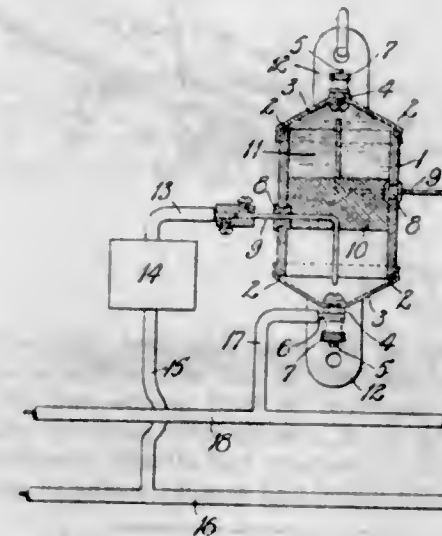
2. In a two-cycle internal combustion engine having a cylinder, and therein a reciprocating piston, the cylinder having a plurality of intake ports of a substantially common effective height and a plurality of relatively low exhaust ports of less effective height than the effective height of the intake ports and a relatively high exhaust port having an effective height greater than that of the intake ports, to provide on the power-stroke of the piston a reduction of the exhaust coincidently with a continuation of the intake.

1,645,200. PISTON RING TOOL. WILLIE A. MADDEN, Palacios, Tex. Filed Sept. 14, 1926. Serial No. 135,345. 1 Claim. (Cl. 29—86.4.)



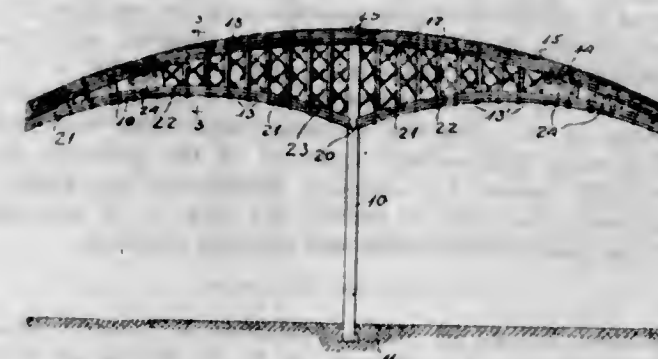
In a piston ring tool of the class described, a pair of substantially flat levers pivotally interconnected intermediate their ends to provide a pair of jaws, and operating handles therefor, vertical lugs formed on the forward ends of the jaws and disposed in opposite directions, and forwardly extending flanges formed at the inner vertical edges of the lugs and disposed at right angles to the lugs.

1,645,201. THERMOSTATICALLY-OPERATED ELECTRIC SWITCH. ROGER W. MCBRIEN, Alton, Ill. Filed July 15, 1925. Serial No. 43,785. 1 Claim. (Cl. 200—142.)



A thermostatic switch consisting of a receptacle comprising a cylindrical insulating member, a hollow metallic cone secured to each end of said insulating member, a binding post on the apex of each cone, a pair of conductors traversing said insulating member and each terminating adjacent to one of the cones, a fusible insulating wall within the insulating member intermediate the cones and enveloping said conductors, and a normally fluent conductor disposed between said wall and one of the cones.

1,645,202. ROOF STRUCTURE. JOHN A. MILLER, Homewood, Ill. Filed Dec. 6, 1926. Serial No. 153,015. 3 Claims. (Cl. 105—23.)

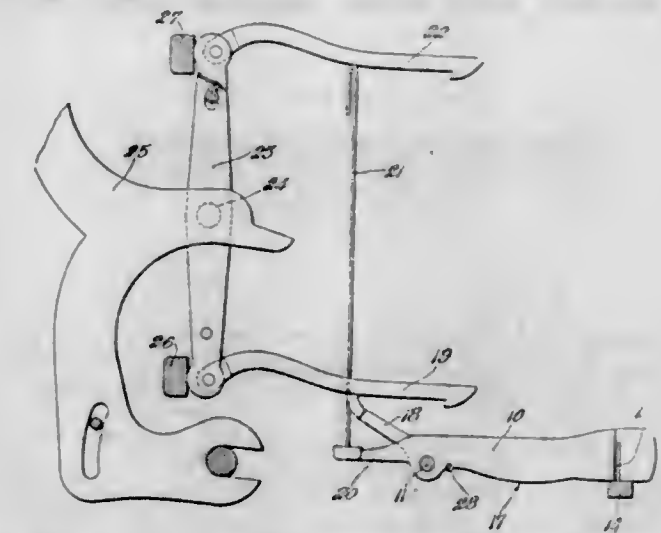


1. In a roof structure, the combination of a supporting post, a truss structure comprising upper and lower chord members, said upper chord member being composed of horizontal laminations and being supported at its middle on said post, the lower chord members extending from the post to the respective ends of the upper chord member and being composed of horizontal laminations, the lower chord members being bolted directly to the upper chord member at the outer ends thereof, and struts interposed between the upper and lower chord members along the inner ends of the lower chord members, said chord members being each of arch curvature.

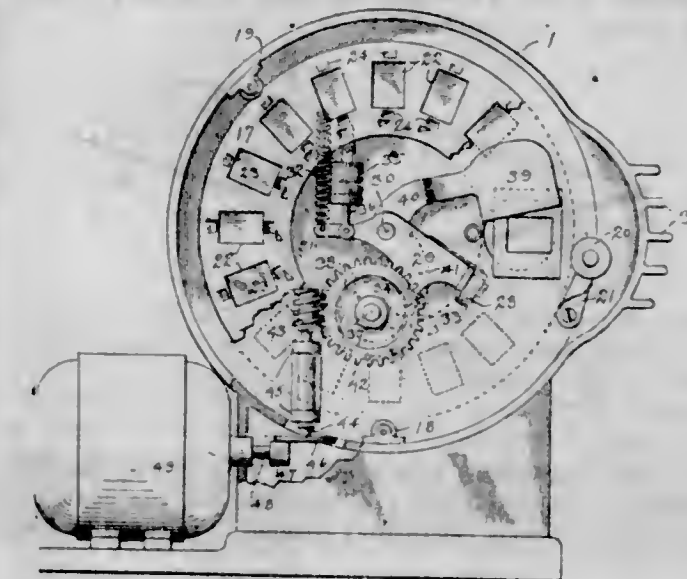
1,645,203. DOBBY FOR LOOMS. JONAS NORTHPROP, Hopedale, Mass., assignor to Hopedale Manufacturing Company, Milford, Mass., a Corporation of Massachusetts. Filed Feb. 6, 1926. Serial No. 86,520. 3 Claims. (Cl. 139—74.)

1. A dobby for looms having, in combination, dobby fingers, a dobby frame, a finger shaft supported in the

frame, upon which the dobby fingers are pivotally mounted, an end supporting member for the dobby fingers, and an auxiliary finger support for supporting the dobby fingers in unchanged position when the finger shaft is removed.



1,645,204. PICTURE-PROJECTING MACHINE. PAUL A. NORTHTINE, Dayton, Ohio. Filed June 29, 1923. Serial No. 648,416. 27 Claims. (Cl. 88—27.)

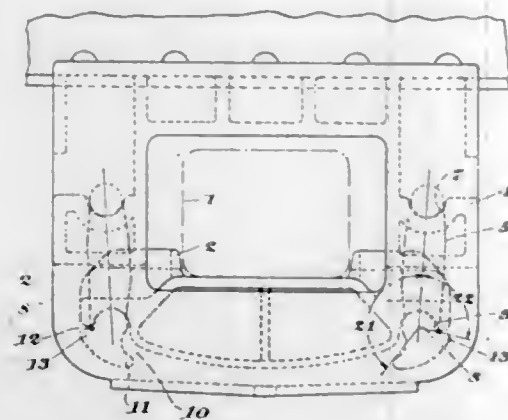


1. In a projecting apparatus of the character described, the combination with a projection lantern, a projection lens and a source of illumination of an annular rotary transparency carrier rotating in a vertical plane, means for peripherally supporting the rotary carrier, a continuous succession of independent transparencies detachably mounted upon the carrier, a vibratory actuating arm mounted concentrically with the carrier, means for actuating the arm for automatically rotating the carrier through a step by step movement, by which the transparencies are successively presented in projecting position, a motor driven continuously rotating cam actuator for the vibratory arm, and means for retarding the actuating stroke of the vibratory arm.

1,645,205. CAR-COUPLER-POSITIONING DEVICE. ARTHUR E. SMALL, Chicago, Ill., assignor to Union Metal Products Company, Chicago, Ill., a Corporation of Delaware. Filed Jan. 14, 1927. Serial No. 161,190. 4 Claims. (Cl. 213—21.)

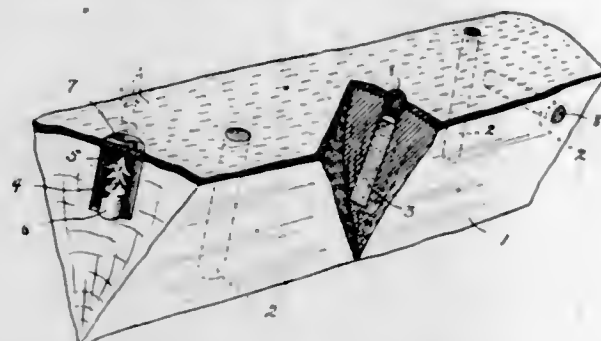
1. In a car coupler positioning device a carrier swingably suspended to a car part by links with their pivotal connections to the car part spaced further apart than their pivotal connections to the carrier, the lower end of

each link provided with oppositely disposed projections which engage portions of the carrier and entirely support the carrier after a predetermined amount of swinging movement of the carrier, the free movement of the



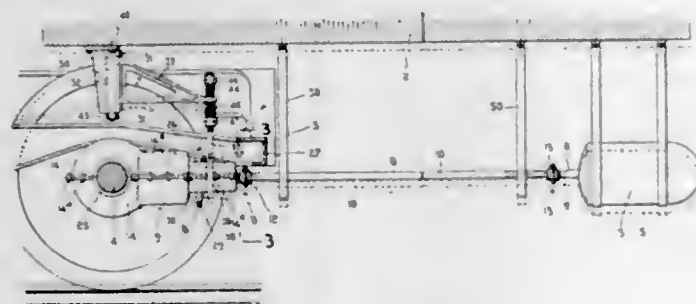
projections toward the middle of the carrier being greater than the free movement of the projections toward the ends of the carrier whereby the carrier is maintained in a horizontal position through any swinging movement greater than said predetermined movement.

1,645,206. PYROTECHNIC. SYLVESTER GEORGE STEVENS, Duluth, Minn. Filed Mar. 30, 1925. Serial No. 19,353. 3 Claims. (Cl. 102-20.)



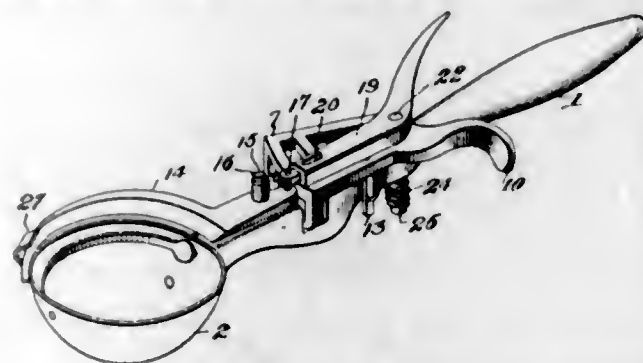
1. The combination with a unit of fuel having chambers therein, a confined display element within the chambers, and means whereby the display element is released by heat.

1,645,207. TRAIN-LIGHTING APPARATUS. ERNEST SUMNER, New York, N. Y. Filed Feb. 11, 1927. Serial No. 167,487. 7 Claims. (Cl. 105-109.)



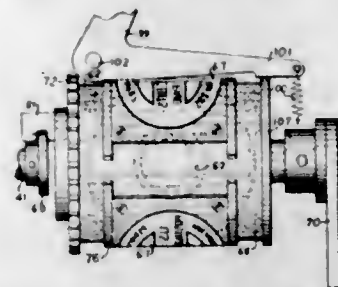
1. In car lighting apparatus, the combination with a generator mounted upon the car body, an axle of the car running gear, and means for rotatively connecting the car axle to the generator; of means for supporting the last-mentioned means from the car body, consisting of suspension means hinged on a fixed vertical axis upon the car body and constructed and arranged to swing with the axle in its radial movements.

1,645,208. ICE-CREAM DISHER. JINK THOMPSON, Huntington, W. Va. Filed Apr. 6, 1927. Serial No. 181,473. 7 Claims. (Cl. 107-48.)



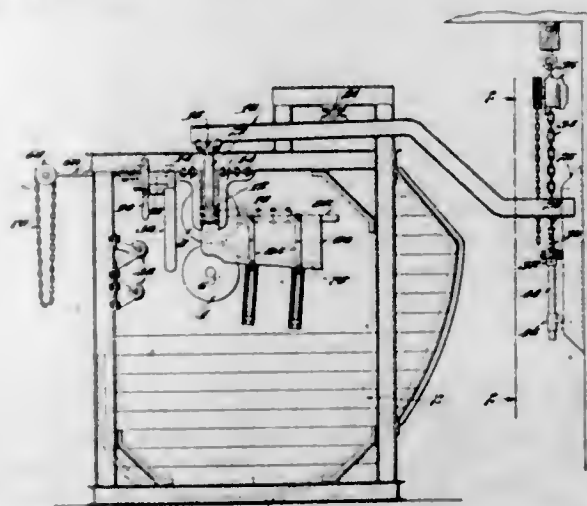
1. In a device of the class described, the combination with a handle, provided at one end with a scoop, of a blade pivotally mounted on said handle and adapted to swing across the scoop, a knife lever movably mounted on said handle, means pivotally and slidably connecting said knife lever to said blade, and scraper means in said scoop.

1,645,209. CASH REGISTER. EDWARD J. VON PEIN, Dayton, Ohio, assignor, by mesne assignments, to The National Cash Register Company, Dayton, Ohio, a Corporation of Maryland. Filed July 26, 1924. Serial No. 728,448. 3 Claims. (Cl. 101-91.)



1. In a machine of the class described, the combination of a plurality of manipulative devices, a rockable member adapted to be differentially positioned by the manipulative devices, a cam operated by the rockable member, a slidable means positioned by the cam, a printing cylinder, a rack carried by the printing cylinder, a type carrier rotatably mounted in the printing cylinder, said rack and type carrier being transversely mounted in the printing cylinder, and means for operably connecting the slidable means with the rack to permit the rack to be laterally positioned and rotated with the printing cylinder.

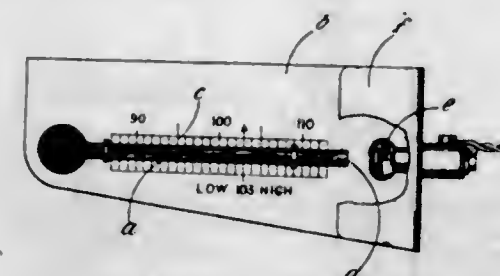
1,645,210. FULLING MILL. EZEKIEL J. WILSON, East Greenbush, N. Y., assignor to F. C. Huyck & Sons, Rensselaer, N. Y., a Corporation of New York. Filed Apr. 30, 1923. Serial No. 635,794. 9 Claims. (Cl. 26-21.)



1. In a fulling mill the combination of a pair of main fulling rolls, the upper one of which is carried in verti-

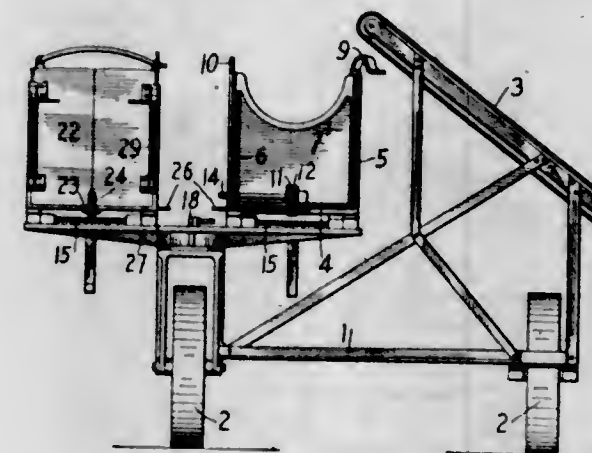
cally movable bearings, a lever, the forward end of which is connected with the bearings, a spring acting on the rear end of the lever, and devices for adjusting the force of the spring including a measuring and indicating device subjected to the force of the spring.

1,645,211. THERMOMETER. HERBERT HENRY ZEAL, Clerkenwell, London, England. Filed Apr. 9, 1926. Serial No. 100,813, and in Great Britain Jan. 15, 1926. 2 Claims. (Cl. 73-52.)



1. An illuminable thermometer including a source of light and a thermometer tube wherein the end of the thermometer tube is a plane surface substantially normal to the axis of the adjacent portion of the tube, and wherein the source of light is situated substantially coaxially with said adjacent portion whereby the light is transmitted substantially along the axis of the thermometer tube.

1,645,212. CORN SHOCKER. GLENN W. ARTHUR, Osborn, Ohio. Filed Nov. 5, 1921. Serial No. 513,093. 6 Claims. (Cl. 56-424.)

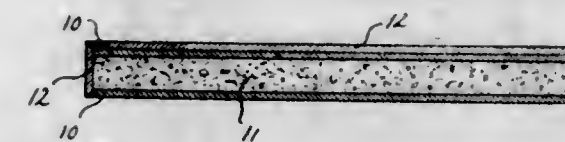


1. In a corn shocker, a supporting structure, a stalk receptacle comprising fixed side walls, having their upper edges spaced apart to receive the stalks between them, and having that end which receives the butts of the stalks extending forwardly, means for mounting said receptacle for movement into an upright position with its open side facing rearwardly and its butt receiving end adjacent to the ground, a closure for said butt receiving end of said receptacle comprising two parts hinged to the respective side walls and adapted to support said stalks, and releasable means for retaining said parts of said closure in their closed positions.

1,645,213. ALLOY IMPACT-TOOL STEEL. PERCY A. E. ARMSTRONG, New York, N. Y. Filed Nov. 14, 1925. Serial No. 69,199. 2 Claims. (Cl. 75-1.)

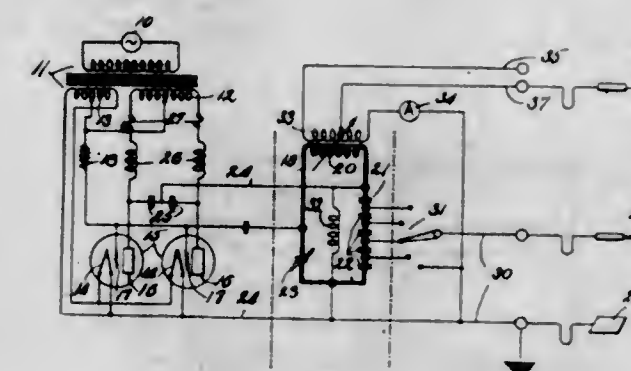
1. Alloy impact tool steel which has toughness with high hardness, containing tungsten 1%-2.5%, chromium .75%-1.75%, silicon .05%-60%, manganese .05%-60%, carbon .35%-60%, tantalum .05%-95% and the principal part of the remainder iron.

1,645,214. TILE. EDGAR G. BARRATT, New York, N. Y., assignor to The Beaver Products Company, Inc., a Corporation of New York. Filed Aug. 11, 1925. Serial No. 49,547. 3 Claims. (Cl. 72-18.)



1. As an article manufactured a tile comprising a body portion of gypsum plaster, a fibrous cover sheet and a covering of paint enamel on said cover sheet.

1,645,215. ELECTRICAL SURGICAL APPARATUS. FREDERICK E. BAUER, New York, N. Y. Filed Nov. 14, 1925. Serial No. 69,197. 10 Claims. (Cl. 174-177.)



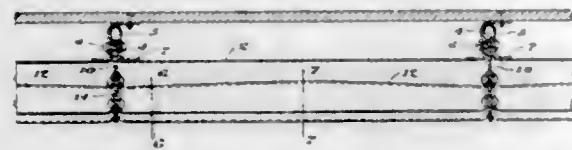
1. In apparatus for applying high frequency electrical oscillations to organic tissue or other matter to be operated upon, connections for an electron discharge device for producing said oscillations, said connections including a closed tuned circuit having a reactance element of one sign connected with a series of separate reactance elements of opposite sign, and a pair of output conductors connected with said series of reactance elements at points in said series separated from each terminal thereof by at least one of the elements of the series.

1,645,216. VISOR. JOHN BERO, Chicago, Ill., assignor to Metal Specialties Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed Nov. 21, 1923. Serial No. 676,159. 3 Claims. (Cl. 296-95.)



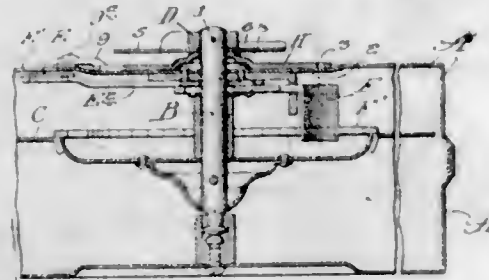
3. A visor comprising a celluloid sheet provided at its margins with alternate stop-flanges and projecting plane portions and a frame comprising pairs of marginal frame members provided with turned spaced flanges which receive the margins of the sheet between them, and rivets connecting said frame members.

1,645,217. CARLINE REINFORCEMENT AND LOAD-LIFTING ARRANGEMENT. CHARLES D. BONSALE, New Kensington, Pa. Filed Mar. 8, 1926. Serial No. 93,155. 10 Claims. (Cl. 105-355.)



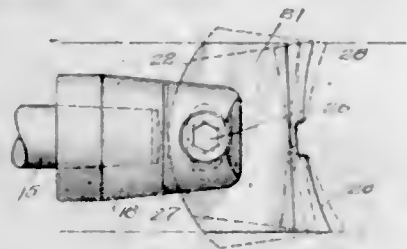
1. In a railway car, the combination of roof sheets having upstanding flanges at their adjacent edges, a roof carline embracing the flanges of adjacent roof sheets, a plate positioned between the upstanding flanges of adjacent roof sheets, means for securing said flanges, carline and plate together, and a beam positioned on each side of said plate and secured thereto, said beams being in longitudinal alignment and located below and spaced from said roof sheets.

1,645,218. COMMODITY CABINET. JAMES H. BOYE, Chicago, Ill., assignor to The Boye Needle Company, Chicago, Ill., a Corporation of Illinois. Filed Mar. 19, 1923. Serial No. 626,119. 2 Claims. (Cl. 211-8.)



1. In combination in a commodity-cabinet, a casing having a sheet metal cover-section provided with a top wall having a depressed central portion, a dial plate accommodated by the depression at said central portion, said dial plate having anchor arms extending therefrom and engaging projections with which the top wall of the cover-section is equipped, a shaft extending through the top wall of the casing and through said dial plate, an actuating member secured to said shaft above said dial plate, and a carrier within said casing secured to said shaft.

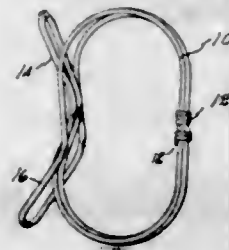
1,645,219. LATHE DOG. STANLEY E. BOYNTON, Oak Park, Ill., assignor to Charles E. Reed. Filed Oct. 17, 1924. Serial No. 744,182. 6 Claims. (Cl. 142-15.)



1. A spindle for a lathe stock for engaging the heel portion of a pattern last comprising a body portion and a dog portion adjustable thereon, one of said portions having an arc-shaped surface extending generally crosswise of the spindle, the curvature of said surface being in a direction crosswise of the spindle and concentric with a point substantially in a line connecting the extremities of that portion of the dog which engages the heel portion of the pattern last, said dog being free of any projecting part which, in the application of the

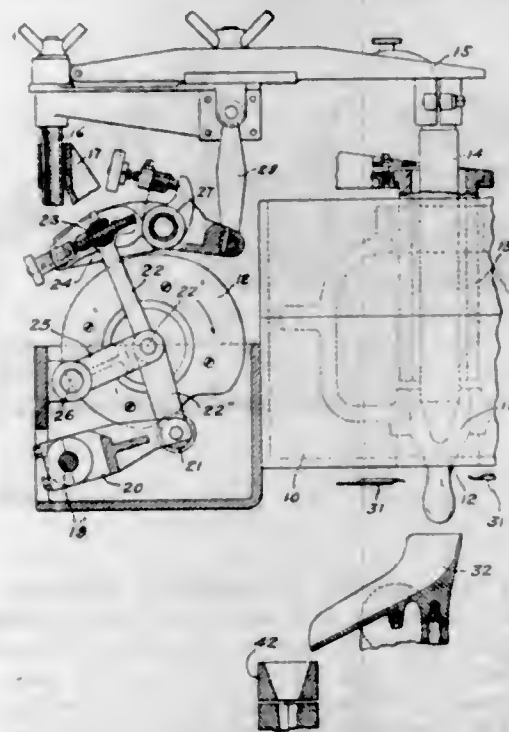
last thereto, would interfere with the centering of the adjustment according to said curvature about said point, the other of said portions engaging with, and movable along, said surface.

1,645,220. CLOTHESPIN. GERTRUDE BRADY, New York, N. Y. Filed Nov. 9, 1925. Serial No. 67,781. Renewed Feb. 17, 1927. 5 Claims. (Cl. 24-139.)



4. A clothespin formed of a single piece of wire, having each end portion doubled back upon itself and secured to the intermediate portion of the wire, making a two-strand wire provided with closed end loops, said two-strand wire bent into the shape of a loop with its closed end portions crossing each other and extending outwardly from the crossing point to form with the adjacent side of the opposite end portion a spring clip.

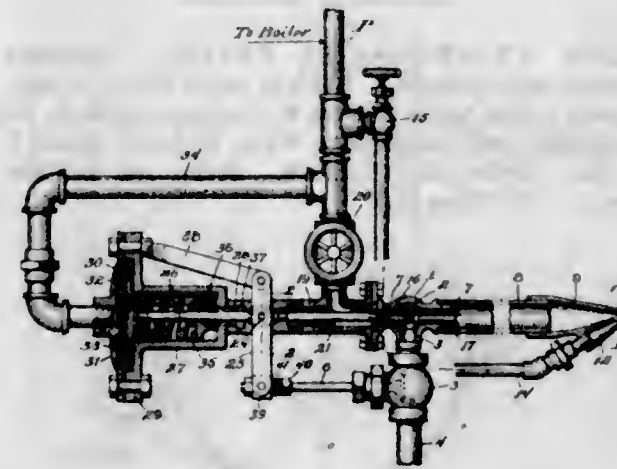
1,645,221. METHOD AND APPARATUS FOR FEEDING MOLTEN GLASS. WILLIAM T. BAKER, Jr., Hartford, Conn., assignor to Hartford-Empire Company, Hartford, Conn., a Corporation of Delaware. Filed Nov. 20, 1926. Serial No. 149,586. 12 Claims. (Cl. 49-5.)



1. The method of feeding molten glass in mold charges, which comprises discharging a mass of glass through an outlet in a container under the influence of the expulsive movement of an impelling means, severing a mold charge from such mass, expelling a further mass of glass under the continued expulsive movement of the impelling means, and severing a mold charge from such further mass.

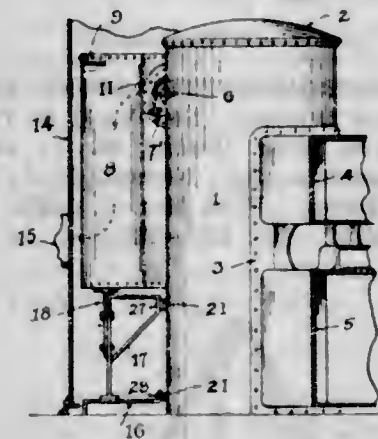
1,645,222. BURNER. GEORGE W. BARTLETT, Tacoma, Wash., assignor to Bartlett Oil Burner & Power Company, a Corporation of Washington. Filed Apr. 4, 1923. Serial No. 629,831. 1 Claim. (Cl. 138-45.5.)
In combination with a pressure line, a burner in communication therewith, a reciprocating valve for control-

ling flow from the pressure line into the burner, an oil supply line leading to the burner, a reciprocating valve for controlling flow through said oil supply line, a cylinder, a head within the cylinder, a line connecting the pressure line and the cylinder and moving said head in one direction, a rod operatively connected with the head and the first named valve whereby the head and valve



move in unison, an arm supported adjacent to the cylinder, a lever pivotally connected with the arm, a stem for the second named valve, a block slidably mounted on the stem and with which the lever is pivotally engaged, means for pivotally connecting the lever intermediate its first named pivotal connections with the rod, and means for cushioning the movement of the block in one direction.

1,645,223. FURNACE. JACOB J. BOESCH, Peoria, Ill., assignor to The Meyer Furnace Company, Peoria, Ill., a Corporation of Illinois. Filed Feb. 25, 1927. Serial No. 170,807. 2 Claims. (Cl. 126-99.)

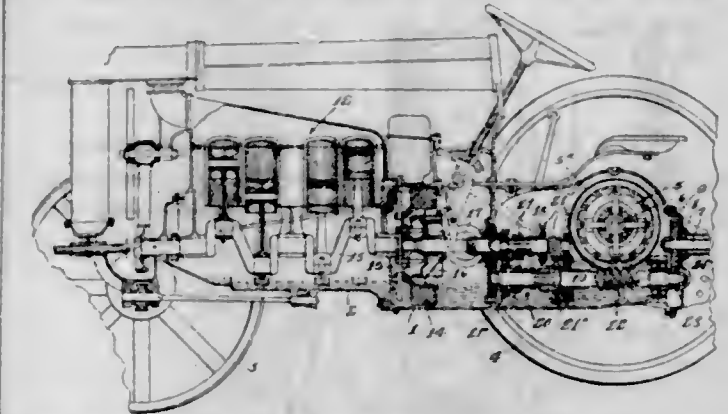


1. The combination with a main heating drum or body of a furnace, and an auxiliary drum, of a supporting means for the latter placed beneath the same including a step, a brace mounted on the step, a member adjustable vertically upon the brace, and means to secure the member and brace in rigid relation, and a pair of brackets secured permanently to the main drum at different levels, each including an open notch, a part on the brace and a part on the step for engaging in the notches of said brackets.

1,645,224. TRACTOR AND IMPLEMENT CONSTRUCTION. CHARLES S. BROWN, Syracuse, N. Y. Continuation of application Serial No. 245,205, filed July 16, 1918. This application filed July 29, 1925. Serial No. 46,778. 1 Claim. (Cl. 74-7.)

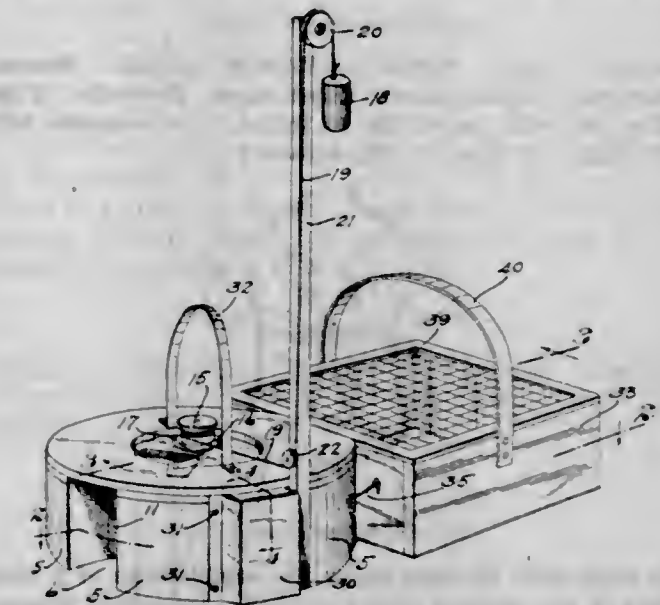
A tractor comprising a driving axle including a differential gear ring, ground wheels mounted on the ends of the driving axle and supporting the latter, a power take off

shaft arranged in rear of the wheel supported axle, a motor, power transmitting connections between the motor and said gear ring, and said power take off shaft com-



prising a shaft 19 having a gear meshing with the gear ring and being also connected to the power take off shaft and change speed gearing between the motor and said shaft 19 differential.

1,645,225. ANIMAL TRAP. ANTONI BRZYCKI, Minneapolis, Minn. Filed Feb. 7, 1927. Serial No. 166,318. 4 Claims. (Cl. 43-74.)

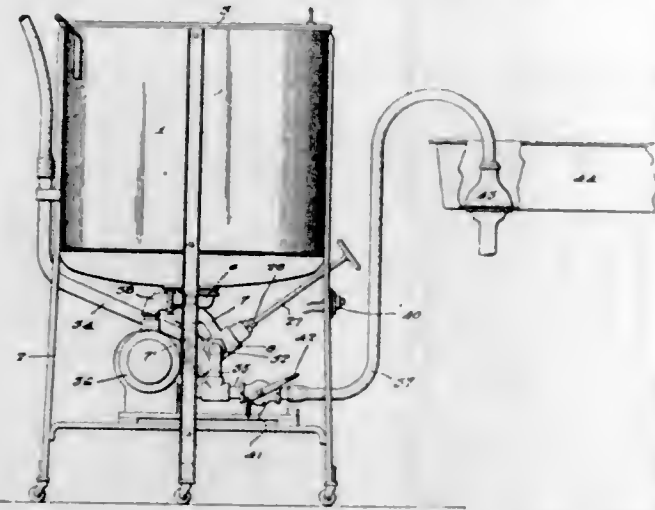


1. A trap comprising a housing having an entrance passage, radial partitions in the housing mounted to rotate about a vertical axis, a yieldingly positioned bait holder mounted on the housing, power means under strain to rotate the partitions in the direction from the entrance passage to the bait holder, and a stop member arranged to be set by the bait holder in position to be successively engaged by the partitions to stop the same and set the trap with the entrance passage and bait holder between two of said partitions, said stop member being arranged to release the engaged partition by a movement of the bait holder to remove the bait therefrom.

1,645,226. PRODUCTION OF PHENOL-METHYLENE RESINS AND ALCOHOL FROM METHYLALS. CARRIE B. CARTER, Pittsburgh, Pa., assignor to S. Karpen & Bros., Chicago, Ill., a Corporation of West Virginia. Filed Aug. 28, 1925. Serial No. 52,685. 7 Claims. (Cl. 260-40.)

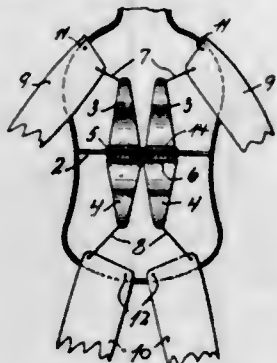
1. The method of producing a phenolic condensation product which comprises boiling at substantially atmospheric pressure a phenolic body, a solution of methylene body consisting principally of methylal and mineral acid, the mineral acid being present in excess of ten per cent of the reacting mixture; and recovering and purifying the phenolic condensation product produced by the reaction.

1,645,227. DISHWASHING MACHINE. NICHOLAS WADDELL CEASE, Schenectady, N. Y. Filed May 4, 1922. Serial No. 558,462. 10 Claims. (Cl. 141-9.)



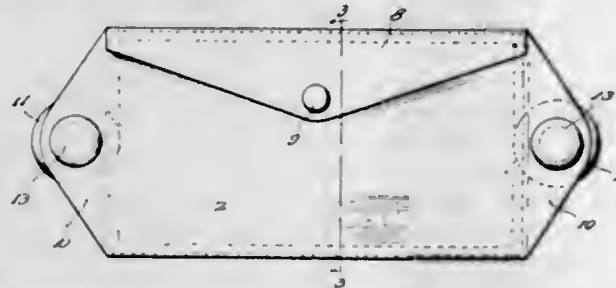
3. A dish washing machine comprising a tank, supporting racks for the dishes in said tank, a plurality of sprayer arms below said racks having their orifices arranged to throw the spray upwardly and to cause said arms to rotate in opposite directions, and means for supplying a liquid to a part or all of said arms as desired.

1,645,228. DOLL WITH MOVABLE LIMBS. BERTHA KRISTINE CHRISTIANSEN, Copenhagen, Denmark. Filed Mar. 16, 1926, Serial No. 95,151, and in Denmark July 18, 1925. 1 Claim. (Cl. 46-40.)



In dolls with movable limbs, the combination of a shaft placed in the interior of the doll-body, oppositely directed bows tunably lodged on said shaft and each having a backward directed part, a stopple-shaped member slidably mounted in the back of the doll-body, springs for maintaining said backward directed parts in engagement with said stopple-shaped member, and strings connected at one end with the upper and lower ends respectively of said bows and at the other end connected with the movable limbs of the doll and causing them to swing out, when said stopple-shaped member turns the bows by being pressed inward, substantially as set forth.

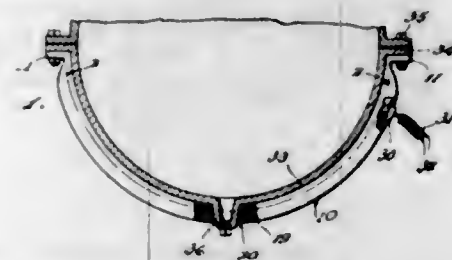
1,645,229. LICENSE-CARD HOLDER. NICOLOAS JOHN CHURMUSI, Syracuse, N. Y. Filed Aug. 26, 1925. Serial No. 52,593. 1 Claim. (Cl. 40-17.)



A license card holder, consisting of a single blank including a front having a central portion cut away, a back at one side of the front and projecting at opposite

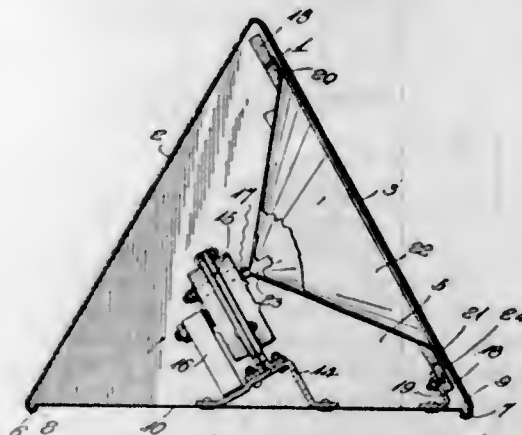
ends to provide wings, and a flap at the opposite side of the front, the front being foldable on the back and stitched at its ends thereto and the flap being foldable over the back to close the card receiving pocket formed between the front and back, a transparent sheet placed against the inner side of the front and stitched thereto adjacent the opening formed therein, and vacuum cups attached to the end wings.

1,645,230. CRANK-CASE-OIL HEATER. CLARENCE M. COBLEW and GEORGE A. BLOHM, Sioux Falls, S. Dak., assignors of one-ninth to Fred P. Hall, one-ninth to Nelson L. Nelson, and one-ninth to Willis R. Laird, Sioux Falls, S. Dak. Filed May 6, 1926. Serial No. 120,204. 1 Claim. (Cl. 219-46.)



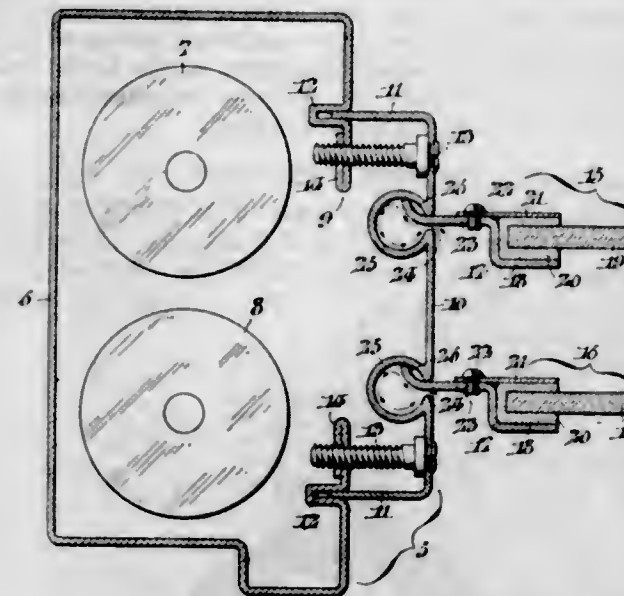
An engine crank case oil heater including a casing, an insulating core enclosed within the casing and provided with end lugs, lugs formed upon the opposite sides of the core intermediate its ends and aligned with the end lugs for spacing the core with respect to the casing, and a resistance element wrapped about the core, one end portion of the resistance element extending between and supported by the end lugs and supported intermediately by the central lugs and being supported thereby out of contact with the turns of said element to provide a return connection for the element, and a sleeve engaged in the core between the intermediate lugs and having its ends fixed to the casing.

1,645,231. ELECTROMAGNETIC SOUND REPRODUCER. FREDERICK DIETRICH, New York, N. Y., and WILLIAM H. GERNS, East Orange, N. J., assignors to Brandes Laboratories, Inc., Newark, N. J., a Corporation of New Jersey. Filed Mar. 5, 1926. Serial No. 92,540. 7 Claims. (Cl. 179-179.)



1. An electromagnetic sound reproducer comprising in combination a prism shaped casing, an electromagnetic driver positioned within said casing, and a cone diaphragm having its base disposed adjacent one wall of said casing and its apex connected with said electromagnetic driver within said casing whereby sound waves reproduced by said cone diaphragm are directed upwardly and outwardly when said triangularly shaped casing is mounted upon a horizontal base.

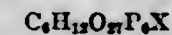
1,645,232. WINDOW CONSTRUCTION. FRANK C. FERGUSON, Philadelphia, Pa., assignor to David Lupton's Sons Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Aug. 7, 1926. Serial No. 127,797. 5 Claims. (Cl. 189-75.)



1. In a window, the combination of sliding sashes, and a jamb affording tubular channels with longitudinal guide slots for engaging side margins of the sashes, the channels aforesaid being rounded in cross sectional configuration and the lapped sash margins counter-rounded for cooperation in whirling draft air thereby to check and prevent it from getting past the sashes.

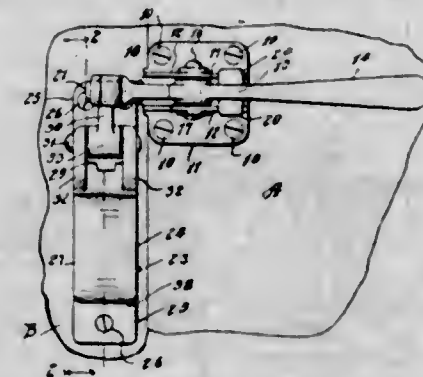
1,645,233. PROCESS FOR THE MANUFACTURE OF CALCIUM SALTS OF INOSITOL-PHOSPHORIC ACID. ALPHONSE GAMS and MAX GIRARD, Basel, Switzerland, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Filed Apr. 9, 1923. Serial No. 630,913. 4 Claims. (Cl. 260-98.)

1. The herein described manufacture of calcium salts of inositol-phosphoric acid, consisting in causing compounds of inositol-phosphoric acid of the formula:



(wherein the 12 hydrogen atoms represented by X are substituted wholly or in part by magnesium) to react under acid conditions with calcium compounds soluble in the reaction medium and whose anion yields with magnesium a salt soluble in dilute alcohol.

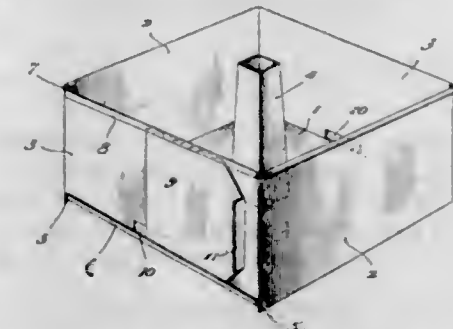
1,645,234. DOOR CATCH. WILLIAM H. L. DEIMER, Cincinnati, Ohio. Filed Jan. 31, 1924. Serial No. 689,732. 1 Claim. (Cl. 292-254.)



A door catch, comprising a casing to be secured to a door casing and having a slot therein, ears on said casing arranged adjacent to the slot, an angular latch member pivotally mounted between said ears and movable in said slot, a spring in the casing engaging the free portion of

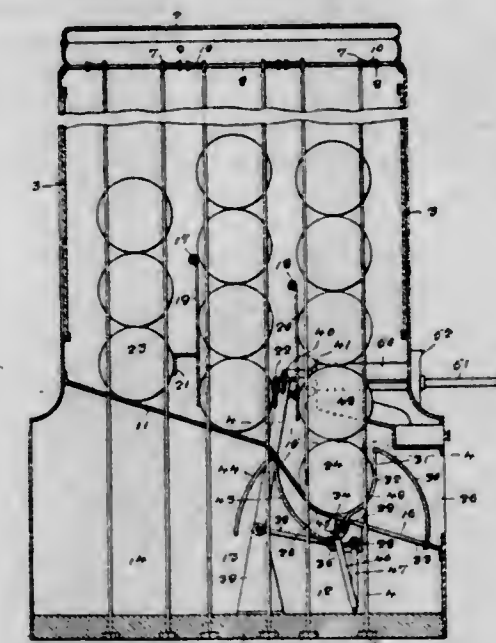
the latch member and normally swinging it outwardly of the casing, a keeper to be applied to a door and engageable by one angle edge of the latch member when in latching position, and a lever adapted to fulcrum on the door to engage the other angle edge of the latch member to swing it inwardly of the casing to release the keeper from engagement therewith.

1,645,235. CAKE PAN. MARY ALICE GUYER, Hutsonville, Ill. Filed May 11, 1926. Serial No. 108,335. 1 Claim. (Cl. 53-6.)



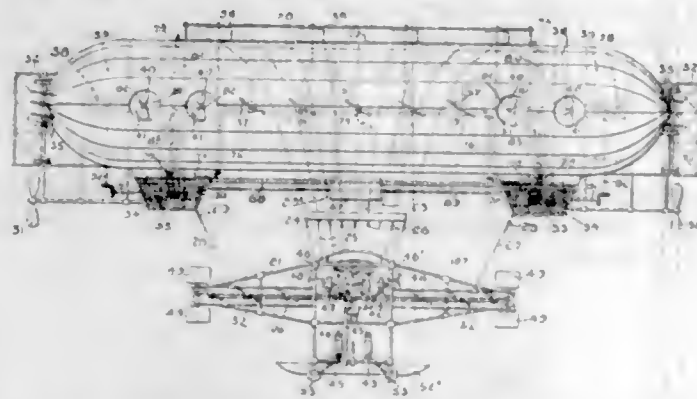
A baking pan comprising a body having a bottom formed with opposed side edges, walls extending upwardly from the edges of said bottom and having their upper edge portions folded outwardly and at their lower ends joined to the bottom by seams, certain of said walls being formed with openings adjacent their junction with the bottom and having their seams projected upwardly to cooperate with their outwardly folded upper portions to form tracks, the other walls having their seams extending downwardly and constituting flanges to support the pan with its bottom in an elevated position, and closure plates slidably mounted by said tracks for movement into and out of closing relation to said slots.

1,645,236. VENDING MACHINE. WALTER HEDLIND, Portland, Oreg. Filed Apr. 2, 1926. Serial No. 99,369. 2 Claims. (Cl. 211-8.)



1. A fruit dispensing cabinet, having vertically arranged rods therein providing compartments for superimposed fruits and said rods having their lower portions rounded outwardly to permit of the fruit from one compartment gravitating into the adjacent compartment, an inclined base on which the lower fruit rests, hinged valves between the compartments contacting the fruit therein to prevent the entrance of fruit from one to the other compartment, and means controlling the outlet of fruit from the outer compartments.

1,645,237. AIRSHIP. ALBERT ENNIS HENDERSON, Toronto, Ontario, Canada. Filed May 17, 1917. Serial No. 169,253. 23 Claims. (Cl. 244-5.)

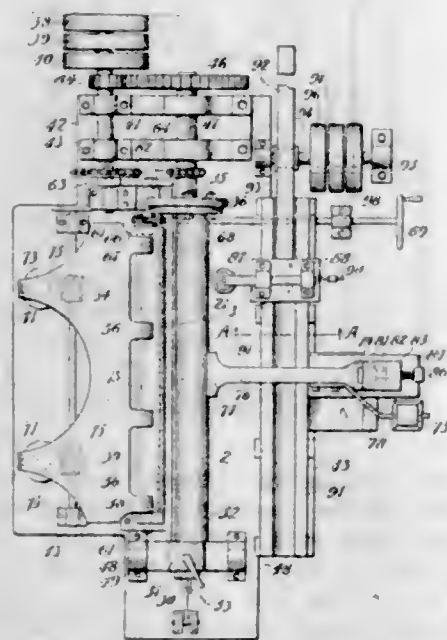


1. An airship having a dirigible supporting element, a car yieldingly supported thereby, means on the car from which projectiles may be released for propulsion by gravity and a gyroscope vertically aligned therewith on the car for stabilizing the same, substantially as set forth.

1,645,238. PROCESS OF MAKING TABLE SALT. FREDERICK W. HUBER, Riverside, Calif. Filed Feb. 20, 1923. Serial No. 620,274. 3 Claims. (Cl. 23-43.)

1. A process of producing a free running salt which comprises (a) mixing together approximately equal volumes of highly concentrated solutions of calcium and sodium chlorides at approximately atmospheric temperature, (b) well agitating the mixed solution, whereby the major part of the sodium chloride is thrown out as small crystals, (c) promptly separating the crystals from the remaining liquor, (d) dewatering the crystals, (e) subjecting the crystals to a displacement wash with brine, (f) removing the washings but leaving the crystals in a moist state, (g) adding a precipitating agent capable of precipitating calcium compounds to the moist crystals, (h) thoroughly mixing the mass, and thereafter (i) drying.

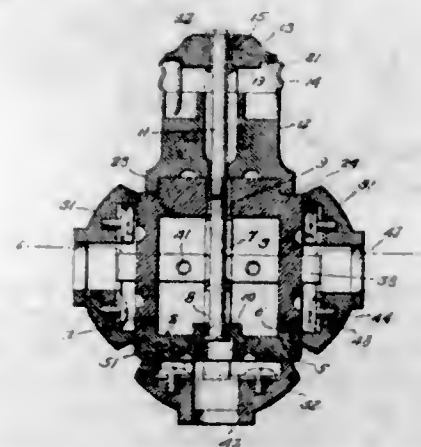
1,645,239. APPARATUS FOR THE MANUFACTURE OF PIPES AND THE LIKE FROM METAL SHEETS OR PLATES. WALTER REGINALD HUME, Melbourne, Victoria, Australia. Original application filed Aug. 28, 1924, Serial No. 734,717, and in Australia Sept. 10, 1923, Patent No. 1,594,526, dated Aug. 3, 1926. Divided and this application filed Nov. 18, 1925. Serial No. 69,910. 13 Claims. (Cl. 113-33.)



1. In apparatus for the manufacture of pipes and the like from metal sheets or plates the combination of a rotary mandril having means for attaching an edge of

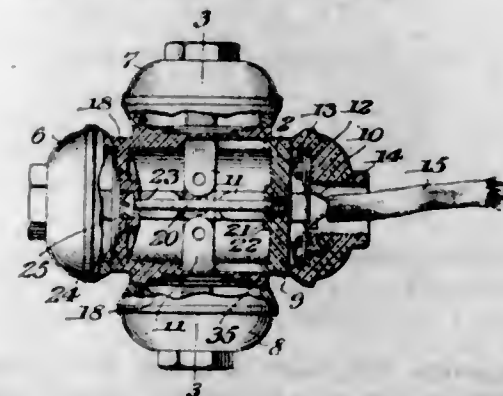
the metal sheet thereto whereby said sheet is coiled in spiral form upon the mandril when the latter is rotated, a pressure roller disposed parallel with and adjacent said mandril to engage the outer face of the sheet as it is coiled thereon, means for supporting said roller whereby it automatically recedes from the mandril as the size of the spiral coil increases, and driving means operatively connecting said pressure roller supporting means with the mandril whereby the speed of rotation of the latter determines the rate at which said pressure roller recedes from the mandril, for the purpose specified.

1,645,240. THREE-WAY CAP PIN-TYPE SOCKET. WILLIAM ILE, Jackson, Mich., assignor to Reynolds Spring Company, Jackson, Mich., a Corporation of Delaware. Filed Aug. 18, 1925. Serial No. 50,923. 2 Claims. (Cl. 173-334.)



1. A cap pin type socket including a hollow body open at the bottom and provided at the top and sides with spaced slots, a double interiorly threaded bushing extending through the top wall of the body, a screw plug mounted upon the top of the body and composed of separable parts and provided with a screw connecting the parts of the screw plug and engaging the upper portion of the bushing and securing the screw plug to the body, a bottom plate forming a closure for the bottom of the body and provided with spaced recesses and slots, a screw extending through the bottom plate and engaging the lower portion of the bushing, vertical conductor bars mounted at the lower end in the recesses of the closure plate and provided intermediate of their ends with angular portions forming shoulders fitted against the top wall of the body, said conductor bars being clamped between the bottom plate and the top wall, the upper portions of the conductor bars extending through the top wall into the screw plug and spring contacts carried by the conductor bars, and located at the side slots and at the sides of the bottom plate.

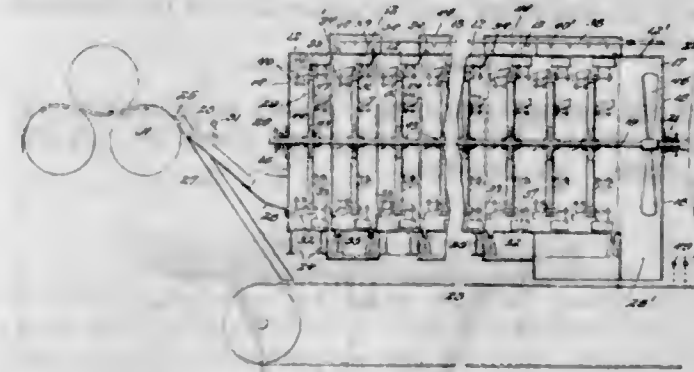
1,645,241. TABLE TAP. WILLIAM ILE, Jackson, Mich., assignor to Reynolds Spring Company, Jackson, Mich., a Corporation of Delaware. Filed May 6, 1926. Serial No. 107,283. 6 Claims. (Cl. 173-334.)



1. A table tap comprising a hollow body of insulating material consisting of a shell open at one end and provided at the other end and at opposite sides with seats

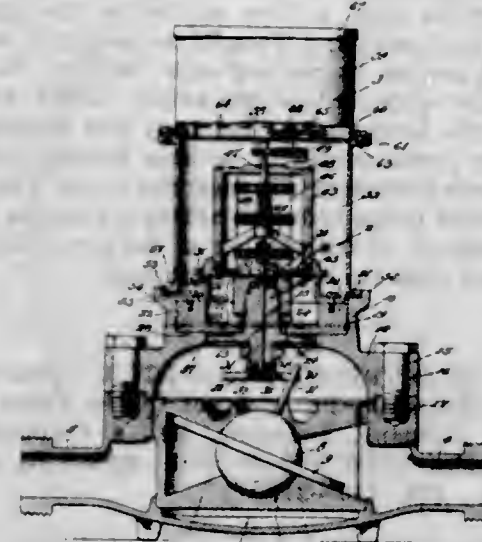
for cap sections and having spaced slots to receive knife contacts of the same, a closure disk of insulating material covering the open end of the body and provided with slots and having an interiorly threaded bushing embedded in it, a screw extending through the body and engaging the said bushing and securing the closure disk to the body, a cap section secured to the closure disk and having knife contacts extending through the slots thereof and contacts arranged within the body and engaged by the knife contacts.

1,645,242. PROCESS AND APPARATUS FOR TREATING BAGASSE. HENRY ISTEELI, Central San German, Oriente, Cuba. Filed Dec. 24, 1925. Serial No. 77,550. 34 Claims. (Cl. 127-43.)



1. In the process of treating bagasse, which process consists in agitating and commingling the bagasse with extracting fluid, simultaneously spraying the bagasse with the fluid, and separating from the bagasse the sugar solution produced.

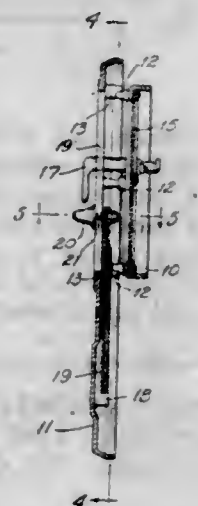
1,645,243. WATER METER. ERNEST G. JUDSON, Centuria, Wash. Filed June 2, 1926. Serial No. 113,225. 1 Claim. (Cl. 73-98.)



In a water meter, in combination with a volume measuring unit including a casing having a top and current-actuated volume measuring means within the casing including a motion transmitting element, the top having an interiorly threaded neck, a supporting member threaded into the neck and having an opening therein, a stuffing box seated in the opening and preventing water escaping from said casing through said top, caps upon the upper and lower ends of the stuffing box for maintaining packing upon the respective ends thereof, a nut engageable upon the stuffing box to maintain the same interlocked with the supporting member, a shaft rotatably journaled in the said stuffing box and caps, an element upon the shaft within the said casing engageable by the motion transmitting element of the current-actuated mechanism of the said volume measuring unit, a gear element at the upper end of the shaft above the stuffing

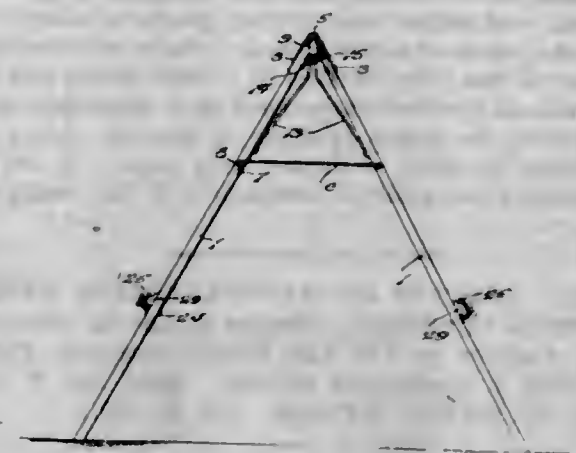
box, a casing section separably secured to and mounted upon the top of the casing of the volume measuring unit, a gear train housed within the said casing section and supported upon the said supporting member and including a gear meshing with the pinion and laterally disposed with respect thereto whereby the said gear train may be bodily separated from the volume measuring unit, the said gear train further including a shaft and a gear element thereon, and a registering unit separably connected with and mounted upon the casing section and including a gear element coacting with the gear element upon the last mentioned shaft.

1,645,244. STOVE. MAURICE G. KLEMM, Belleville, Ill. Filed Apr. 11, 1927. Serial No. 182,946. 3 Claims. (Cl. 126-200.)



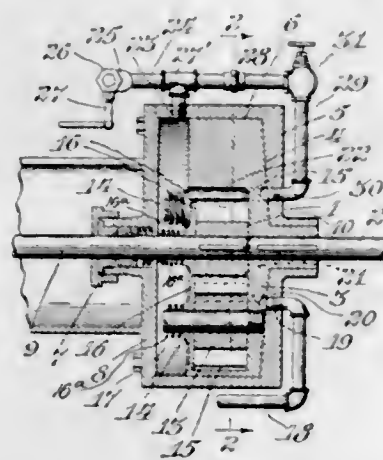
1. In combination with a stove, a door comprising a dome door having a glazed opening and a false door having an opening, the dome door and false door being secured together in spaced relationship so that the glazed openings of the dome door will be adjacent the opening in the false door, a slide slidably secured on said false door, said dome door hingedly secured to the dome of said stove.

1,645,245. CURTAIN STRETCHER. ANDREW W. KNITTEL, New Castle, Pa.; Mary Knittel administratrix of said Andrew W. Knittel, deceased. Filed Sept. 25, 1925, Serial No. 58,573. Renewed May 19, 1927. 1 Claim. (Cl. 45-24.)



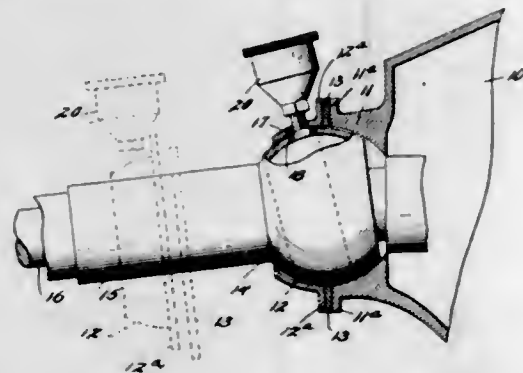
A curtain stretcher comprising pairs of legs, hinge plates secured to the outer surfaces of said legs at the upper ends thereof, a link connection between the extremities of said hinge plates whereby the legs may fold one upon the other to be set up in downwardly diverging relation, means cooperating with the legs to prevent spreading thereof, lower stretcher bars supported by the legs, and an upper stretcher bar disposed between the upper extremities of the legs below the hinge connections thereof and clamped by and between the legs.

1,645,246. HYDRAULIC POWER-TRANSMISSION MECHANISM. THOMAS F. LILLY, Memphis, Tenn. Filed Mar. 7, 1925. Serial No. 13,690. 11 Claims. (Cl. 192-61.)



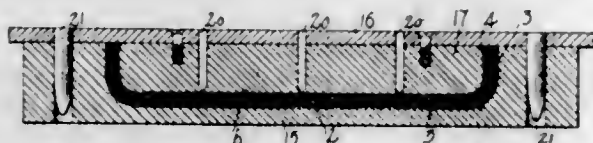
7. A fluid power transmission device having a casing, a rotatable driving and gear carrying element in said casing, and planetary connecting and driven gearing, a fluid pressure chamber outside of one axial end of said element and gearing, and means to admit pressure fluid through the gear carrying element to said chamber substantially parallel to the axis thereof.

1,645,247. SHIM FOR UNIVERSAL JOINTS. ROBERT J. LOOCK, Baltimore, Md. Filed Aug. 26, 1924. Serial No. 734,287. 1 Claim. (Cl. 64-89.)



A bushing or shim for taking up the wear between a ball casing and its socket of a universal joint, in which the casing and socket have aligned grease openings, consisting of a strip of metal having a shape conforming to a section of the outer surface of a ball casing and provided with an aperture surrounded by a depending flange to fit within the grease aperture of the ball casing and maintaining the shim stationary with respect to the ball casing during the relative movements of the casing and socket.

1,645,248. PROCESS OF MANUFACTURING FABRIC-COVERED CUSHIONS. MELVIN S. LOWER, Barberton, Ohio, assignor to The Sun Rubber Company, Barberton, Ohio, a Corporation of Ohio. Filed Apr. 7, 1927. Serial No. 181,815. 6 Claims. (Cl. 18-59.)



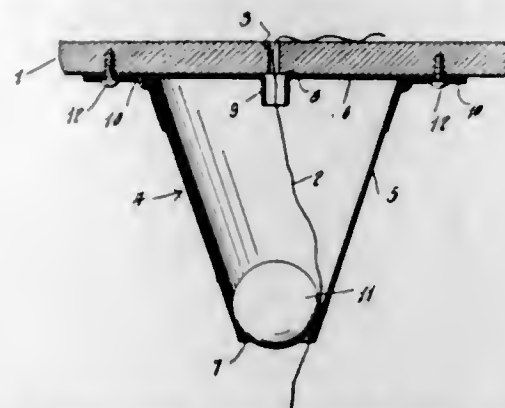
1. The process of manufacturing articles of sponge rubber having a fabric covering, comprising preliminarily shaping the fabric covering to the shape of the finished article, applying a layer of unvulcanized rubber compounded to form sponge rubber upon vulcanization to

the interior surface of the felt, and vulcanizing the compound sheet with the felt in contact with one surface of a mold.

1,645,249. METHOD OF PREPARING TRANSPARENT PAPER WITH OPAQUE MARKINGS. KELLOGG SINCLAIR MACLACHLAN, St. Catharines, Ontario, Canada, assignor to Lincoln Pulp and Paper Company, Limited, Merriton, Canada. Filed May 29, 1926. Serial No. 112,727. 1 Claim. (Cl. 92-39.)

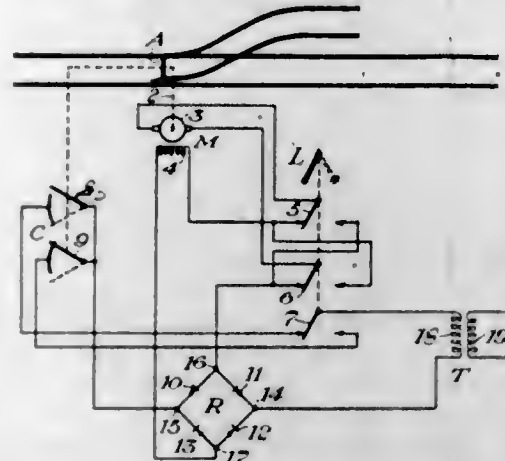
The herein described method of preparing a transparent paper with opaque markings which comprises first making an opaque paper on a Fourdrinier machine and producing rubber or water markings thereon while passing through the machine, and then subjecting the paper to a super-calendering operation at such a degree of pressure as to render the paper transparent and the markings opaque.

1,645,250. CORD HOLDER. ALBERT S. MITCHELL, Tacoma, Wash. Filed Jan. 27, 1927. Serial No. 164,075. 1 Claim. (Cl. 24-136.)



A cord holder comprising a hollow body of inverted conical formation and provided in its lower end with an opening, lugs secured to and extending laterally from the upper end of the body, a cover applied to the upper end of the body and extending laterally beyond said end with its extended portion in contact with the lugs, the cover being provided with an opening axially aligned with the opening in the lower end of the body and having a depending tube surrounding the opening therein, fastening elements passing through the lugs and cover, and a ball loosely mounted in the body and having a diameter greater than the diameter of the opening at the lower end of the body and less than the length of the body.

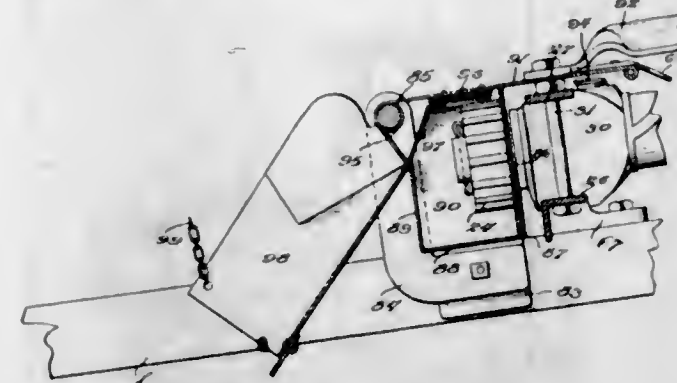
1,645,251. ELECTRICAL APPARATUS. BERNARD E. O'HAGAN, Swissvale, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a Corporation of Pennsylvania. Filed Aug. 4, 1926. Serial No. 126,966. 7 Claims. (Cl. 246-219.)



7. In combination, a source of alternating current, a rectifier, a direct-current electro-responsive device constantly connected with the output terminals of said recti-

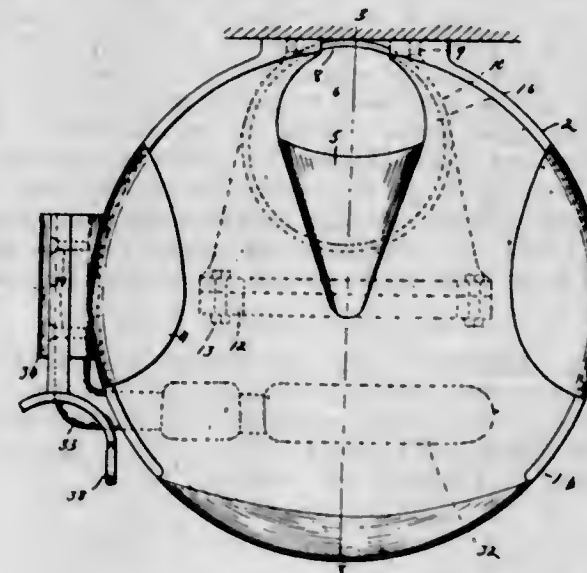
fier, a circuit controller, and means controlled jointly by said circuit controller and by said electro-responsive device for supplying energy from said source to said rectifier.

1,645,252. GEAR CASE FOR CORN HUSKERS. THEODORE H. OPPENHEIM and BERNARD SELHORST, Coldwater, Ohio. Filed Sept. 22, 1925. Serial No. 57,877. 4 Claims. (Cl. 130-25.)



1. In a corn-husking machine, the combination of a yoke carrying bearings for rotary elements, gear connecting the ends of said elements, a box housing the gears, a cover extending over the box and the yoke, and an ear chute hingedly supported at the edge of the cover opposite the rotary elements.

1,645,253. TELEPHONE STAND. DAVID W. OVAITT, Flint, Mich. Filed Oct. 2, 1922. Serial No. 591,918. 5 Claims. (Cl. 248-20.)

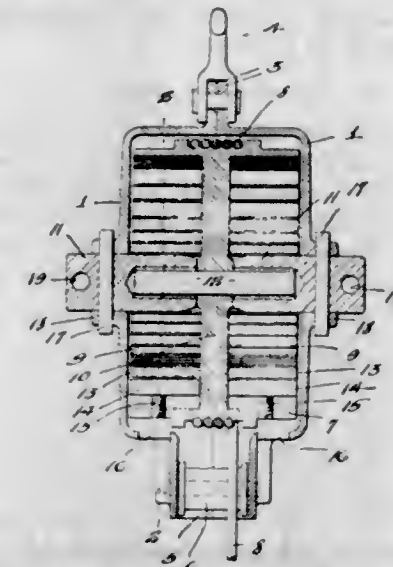


3. In a telephone stand, the combination with a horizontally extending rigid shelf, of an upwardly extending wall for partially surrounding the base of the telephone, the front ends of said wall having upwardly and rearwardly inclined edges extending from points of the shelf at less distances apart than the diameter of the telephone base, the distance between the upper portions of the inclined edges being greater than the diameter of the telephone base, and ears upon opposite sides of said wall overlying the base of the telephone.

1,645,254. COUNTERBALANCING DEVICE. HAROLD G. PEDERSON, Syracuse, N. Y. Filed Jan. 26, 1926. Serial No. 83,861. 12 Claims. (Cl. 242-109.)

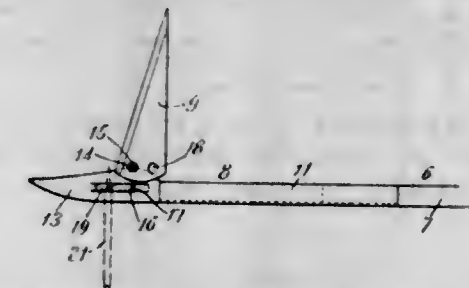
1. A counterbalancing device comprising a casing having on its upper side means by which the casing is supported, and also having outlet passage on its lower side, a reel mounted in the casing, a spring within the reel

anchored at its inner end at a point stationary with the casing and at its outer end to the reel, the anchor for the



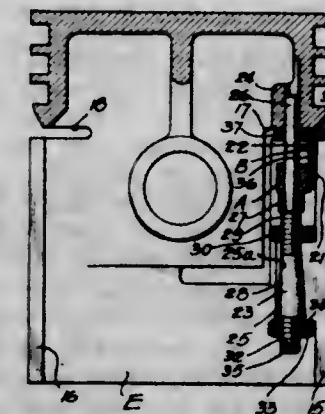
outer end of the spring being adjustable toward and from the center of the reel and a cable winding on the reel and extending through the outlet.

1,645,255. PILE WIRE FOR LOOMS. IMMANUEL PFEIFFER, Bedford, Mass., assignor, by direct and mesne assignments, to Blue Tip Pile Wire & Knife Company, Bedford, Mass., a Corporation of Massachusetts. Filed June 24, 1924. Serial No. 722,121. 5 Claims. (Cl. 139-44.)



1. A pile wire knife comprising, in combination, a blade, and a blade holder having two walls presenting between them a groove which receives a longitudinal edge of said blade, said holder presenting a fulcrum which overhangs a portion of said blade and on which said blade swings in attaching it to and detaching it from said holder, said fulcrum preventing rearward displacement of said blade, one of said walls extending longitudinally beyond the other and presenting a forwardly directed guard and presenting a rearwardly directed tongue normally engaging and retaining said blade against awinging movement.

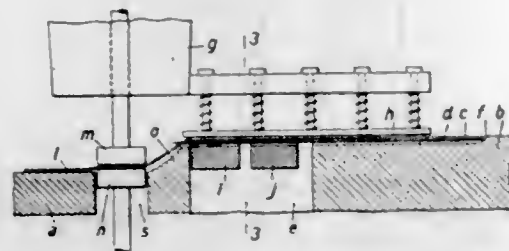
1,645,256. PISTON. GEORGE W. ROBINSON, San Diego, Calif., assignor of one-half to F. N. Dorland, San Diego, Calif. Filed July 15, 1925. Serial No. 43,826. 7 Claims. (Cl. 74-108.)



2. A piston comprising a head having a slotted skirt, a feeding member comprising a shaft rotatably mounted on

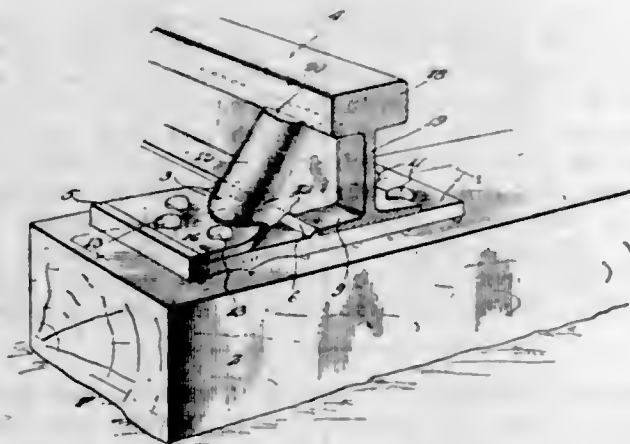
said skirt, means for imparting longitudinal movement to said shaft when rotated, and expanding elements arranged at spaced points upon said shaft and movable therewith in a manner to effect an expansion of said skirt when said shaft is rotated.

1,645,257. METHOD OF AND APPARATUS FOR PASSING THREADS INTO FABRICS. RUDOLF ROSSMANN, Grunberg, Germany, assignor to Deutsche Wollenwaren Manufaktur Aktiengesellschaft, Grunberg, Germany, a Corporation of Germany. Filed May 24, 1926, Serial No. 111,300, and in Germany May 30, 1925. 7 Claims. (Cl. 112-125.)



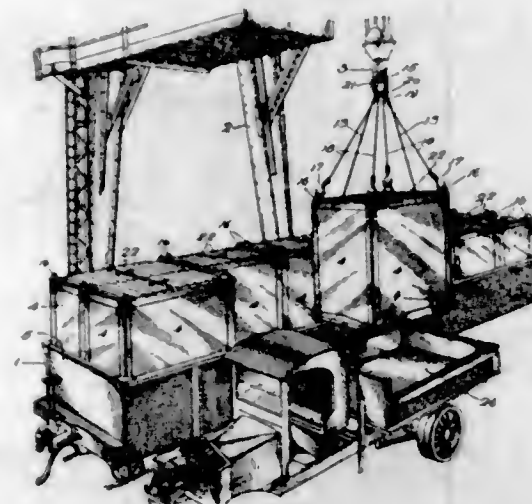
7. A machine of the class described, comprising a table formed with a transverse corner and a recess at the rear of said corner, a needle crossing said recess and having its point above said corner, a feed dog within said recess, a yielding presser plate having its front part located above said corner, and means located in front of said corner for reciprocating the fabric transversely of the needle.

1,645,258. TIE PLATE AND RAIL BRACE. ROBERT L. SANDERS, St. Louis, Mo. Filed Mar. 26, 1927. Serial No. 178,763. 6 Claims. (Cl. 238-292.)



1. A tie plate and rail brace comprising a plate adapted to rest upon a tie and extend transversely beneath a rail and project from opposite sides of the base of the rail, a flange projecting upwardly from the outer portion of said plate and an abutment rib projecting upwardly from the plate intermediate its ends and adapted to engage the outer edge face of a rail base, and a rail brace comprising a body adapted to fit snugly between the head and base of a rail in contacting engagement with the outer face of the web of the rail with its outer portion resting upon the plate between the rib and flange, and a base plate extending outwardly from said body and adapted to rest upon the tie plate with its outer end abutting said flange, the tie plate and base plate being formed with fastener receiving openings registering when the rail brace is in place.

1,645,259. TRANSPORTATION CAR AND CONTAINER. ALFRED H. SMITH, deceased, Chappaqua, N. Y., by Maude Emery Smith and Emory Holland Smith, executors, New York, N. Y., assignors to The Less Car-load Lots Company, Wilmington, Del., a Corporation of Delaware. Filed Dec. 22, 1925. Serial No. 77,055. 2 Claims. (Cl. 294-71.)



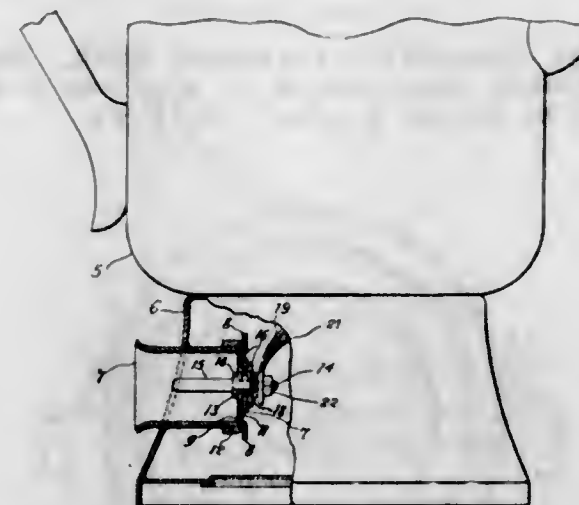
1. A shipping container comprising a body having a filling opening at its top and a discharge opening at its bottom, swinging drop doors for closing the discharge opening and supporting the container contents when in closed position, hinged doors for closing the filling opening at the top of the body and adapted to open in a direction at right angles to the direction of opening movement of the drop doors, means at the top of the body for engagement with flexible suspending connections whereby the body may be detachably suspended from the hook of a crane, channeled guide shields on the interior of the receptacle, and flexible supporting members attached at their lower ends to the drop doors and passing interiorly of the body upwardly through the channeled guide shields and out at the top of the body and adapted for detachable engagement at their upper ends to the hook of the crane.

1,645,260. METHOD AND APPARATUS FOR MAKING CONFECTIONS. EDWARD SPRAGUE, JR., Chicago, Ill., assignor of forty-nine one-hundredths to Blanche K. Dustin, Chicago, Ill. Filed Feb. 29, 1924. Serial No. 696,018. 8 Claims. (Cl. 107-1.)



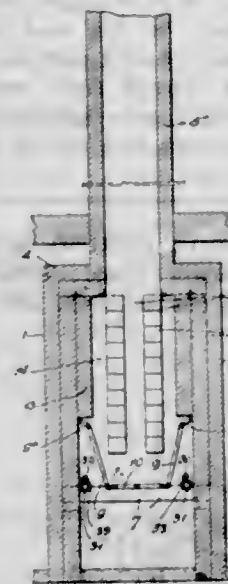
2. A method of making confections consisting in assembling a plurality of filler elements in a definite arrangement, thence securing them in fixed spaced relation by suitable securing means to maintain them in their relative positions, thence immersing the assembled elements in a suitable base of viscous material and after an interval removing the securing means, and thence cutting the base at points between the spaced filler elements to provide pieces of the desired size and shape.

1,645,261. TERMINAL SUPPORT. ERNEST E. SUTHERLAND, Mansfield, Ohio, assignor to The Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Aug. 6, 1923. Serial No. 655,921. 2 Claims. (Cl. 173-338.)



2. The combination with an electrical device having a permanent tubular terminal guard member thereon, of a terminal support having a terminal contact member secured thereto and insulated therefrom and means for releasably attaching the terminal support to the guard member.

1,645,262. BUILT-IN CHIMNEY INCINERATOR. THOMAS TREGANOWAN, Pittsburgh, Pa. Filed June 4, 1924. Serial No. 717,774. 4 Claims. (Cl. 110-18.)

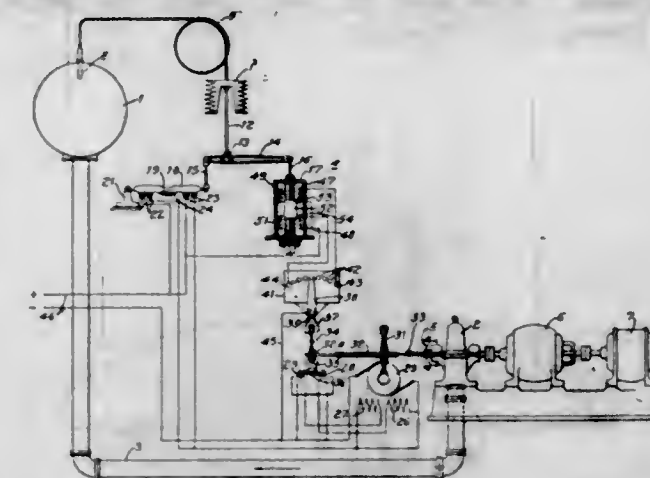


1. In an incinerator of the type described, a hollow incinerator body having a combined chute and chimney extending upwardly therefrom, the body having spaced ridges arranged on its side walls between the chimney and the lower portion of said body, and forming channels for inducing a draft, a grate arranged in said body and having inclined side walls, the major portion of the grate side walls being spaced from the walls of the incinerator body to provide draft conduits communicating at their upper ends with the lower ends of the channels, and burners in said body arranged to direct their flames against refuse in the grate.

1,645,263. TEMPERATURE-REGULATOR SYSTEM. HENRY R. TROTTER, Morton, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed July 19, 1924. Serial No. 727,098. 5 Claims. (Cl. 172-239.)

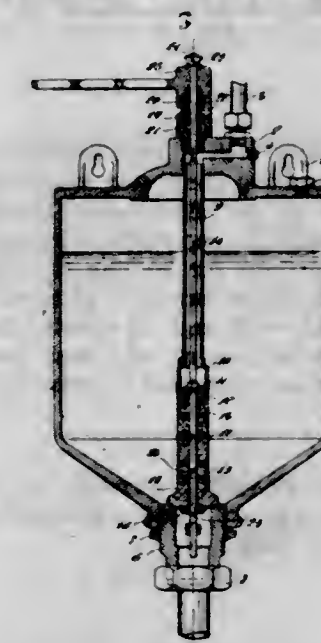
1. In a system of control, a contact device for completing a circuit in any one of a plurality of positions,

a motor controlled by the contact device, thermo-responsive means under the control of the motor for moving the contact device from a neutral position to circuit com-



pleting positions, and means responsive to the operation of the motor for returning the contact device to its neutral position.

1,645,264. FLUSHING APPARATUS. JUAN VERCARA, Buenos Aires, Argentina. Filed Oct. 12, 1926. Serial No. 141,218. 3 Claims. (Cl. 4-26.)

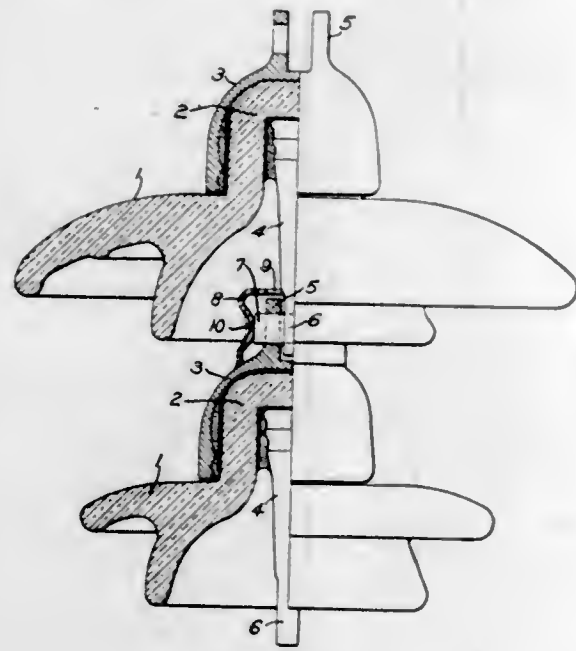


1. Flushing apparatus, comprising a closed water tank provided at its bottom with an outlet; a water inlet tube mounted in the tank in line with said outlet and provided at its lower end with a laterally-perforated sleeve to enable the passage of water through said tube into the tank; a valve rod passing through said sleeve and tube and projecting at its upper portion through the top of the tank; an inlet valve and an outlet valve fixed one above the other to said rod for movement in unison therewith, the inlet valve being disposed within said sleeve for coaction with a valve seat therein above the perforations to control the outflow of water through said perforations, and the outlet valve acting to open and close the tank outlet; and an operating member attached to the projecting portion of the valve rod to raise or lower the same.

1,645,265. MAKING ANHYDROUS SALTS OF FATTY ACIDS. HEINRICH VON HOCHSTETTER, Konstanz, Germany, assignor to the Firm Holzverkohlungsindustrie Aktiengesellschaft, Konstanz, Germany. Filed Dec. 7, 1926. Serial No. 153,215, and in Germany Dec. 18, 1925. 7 Claims. (Cl. 260-112.)

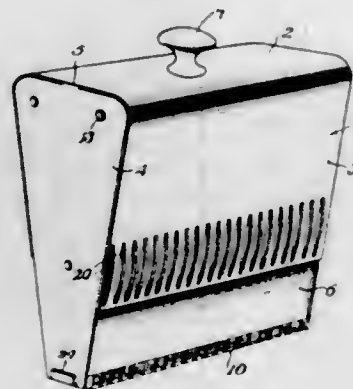
1. A method for making anhydrous salts of the lower members of the fatty acid series which consists in reacting anhydrous esters of the fatty acids with anhydrous metal hydroxides in presence of organic solvents.

1,645,266. INSULATOR CONNECTER. NILS A. WAHLBREG, Wilkesburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Aug. 12, 1922. Serial No. 581,312. 5 Claims. (Cl. 173-318.)



1. The combination with a high-voltage device including a pair of cooperating connector members and a holding pin therefor, of an electrostatic-stress-distributing member of substantially cup-shape surrounding the adjacent connected portions for holding the pin in position, said member of cup-shape having a rounded portion joining its side and end walls and an opening in its end wall by which it surrounds one of said first members and is permitted longitudinal movement relative thereto.

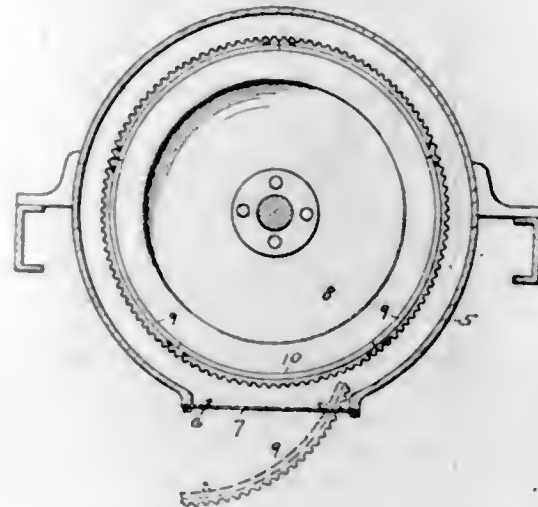
1,645,267. HAND STAMP. ARTHUR C. WALKER, Roanoke, Va. Filed Aug. 26, 1926. Serial No. 131,729. 2 Claims. (Cl. 101-111.)



1. A hand stamp comprising a casing having front, rear, and end walls, a type bar extending between the lower portions of the end walls, spindles extending between the upper portions of the end walls, rollers rotatably mounted upon the spindles, a spindle extending between the end walls below and in a plane between the first mentioned spindles, friction rollers rotatably mounted upon the last mentioned spindle, a head fixed with relation to each of the said friction rollers, the front and rear walls of the casing having slots, the heads having portions of their peripheries projecting through the slots, and type bands trained over corresponding ones of the first mentioned rollers and beneath the corresponding

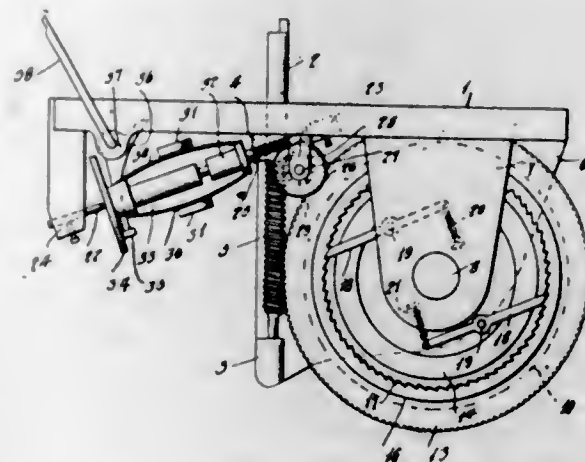
friction rollers and beneath the type bar, the said front and rear walls of the casing having inwardly curved portions engaging the stretches of the type bands which extend between the first mentioned rollers and the type bar whereby to flex said stretches and tension said bands.

1,645,268. SEGMENTAL FLYWHEEL GEAR. JEROME E. WALKER, Spartanburg, S. C. Filed Aug. 3, 1926. Serial No. 126,839. 6 Claims. (Cl. 74-6.)



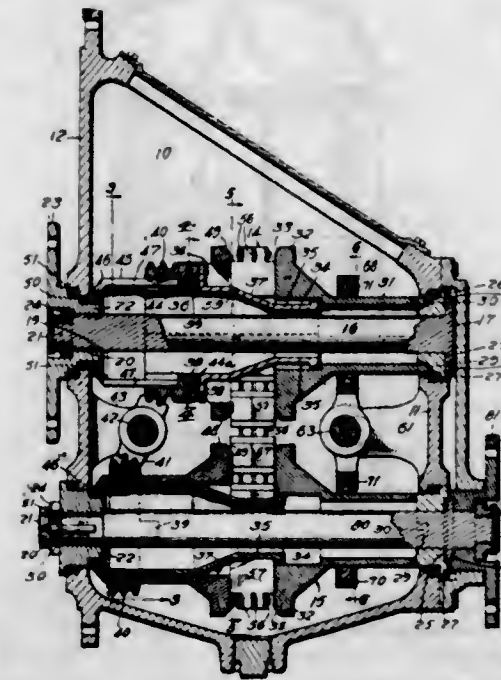
5. The combination with a fly wheel provided with a smooth peripheral face having tapered radial openings formed therein, of a ring-gear formed in a plurality of matched gear segments, tapered lugs carried by said gear segments for engagement within said tapered openings, whereby said gear segments will partake of a true radial movement when being moved from said wheel, lateral flanges, formed upon said gear segments, and bolts for securing said flanges to the face of the fly wheel.

1,645,269. CLUTCH FOR SPRING MOTORS. VERNON M. WILSON, Benkelman, Nebr. Filed Feb. 16, 1926. Serial No. 88,600. 1 Claim. (Cl. 192-46.)



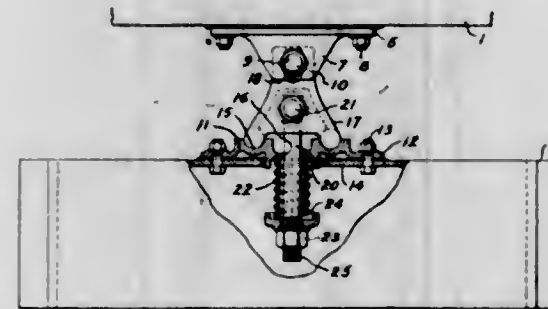
In combination, the shaft of a motor, a disk secured to the shaft, an annular flange smaller diametrically than and projecting laterally from the disk and provided on the inner side thereof with screw threads, a ring gear loosely mounted on the flange, a ring nut arranged within and engaging the flange and provided with an outwardly directed flange contacting with the outer side of the ring gear, a ratchet ring projecting from the ring gear laterally beyond the flanges of the disk and ring nut and spring pressed pawls pivoted to the disk within the flange of the latter and engaging the ratchet ring.

1,645,270. FRICTION SPEED-CHANGING MECHANISM. ROBERT E. WINTERS, Cleveland, Ohio, assignor to Bird L. Winters, Sewickley, Pa. Filed Feb. 26, 1924. Serial No. 695,338. 8 Claims. (Cl. 74-21.)



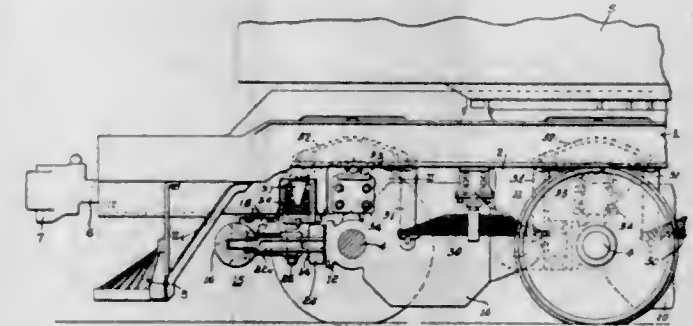
1. In a speed change mechanism, an endless chain, correlated means for placing friction on the sides of the chain and simultaneously upon the inside surface of the chain, and means for simultaneously actuating said correlated means to give variable speed.

1,645,271. CENTERING DEVICE. FRANK L. ALBEN, Wilkesburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Apr. 26, 1923. Serial No. 634,882. 5 Claims. (Cl. 105-199.)



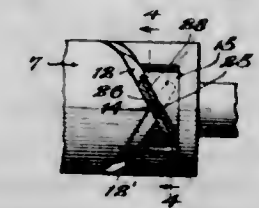
1. A centering device for railway vehicles comprising a cam link having an elongated opening adapted to engage a pivot bolt secured to the sub-frame of the vehicle body, a pair of integral convex legs mounted in concave seats in which they are adapted to respectively pivot, and tension means between said link and seat to yieldingly engage the same.

1,645,272. DRIVE MECHANISM FOR ELECTRIC LOCOMOTIVES. FRANK L. ALBEN, Wilkesburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Mar. 1, 1924. Serial No. 696,176. 6 Claims. (Cl. 105-165.)



1. The combination with a railway vehicle body and a wheeled support therefor, of a yielding restraining mechanism, said mechanism comprising a helical spring member secured to the vehicle and a co-operating pivot yoke associated therewith and adapted to engage said support.

1,645,273. RECIPROCATING MECHANICAL MOVEMENT. CARL H. AU, Washington, D. C., assignor of one-half to John C. Hoyt, Washington, D. C. Original application filed Jan. 19, 1925, Serial No. 3,440. Divided and this application filed Jan. 5, 1926. Serial No. 79,430. 3 Claims. (Cl. 74-14.)

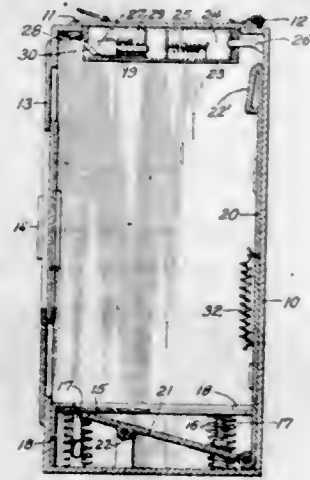


1. The combination of a reversely screw-threaded cylinder, a part movable in a right line parallel to the axis of said cylinder, a pin projecting from said part and entering the thread of said cylinder to approximately its full depth, a roller on the projecting end of said pin, said roller having a diameter approximately that of the width of the thread, a sleeve revoluble on said pin, and a guide-boat on said sleeve and entering said thread to only a portion of the depth thereof, whereby the reversal of movement at the point of juncture of the threads is obtained without disturbing the ratio of movement between the parts.

1,645,274. MILK-BOTTLE HOLDER. BYRON BARDAX, New York, N. Y. Filed June 5, 1926. Serial No. 113,979. 3 Claims. (Cl. 232-41.)

1. A milk bottle holder comprising a box like container having a hinged door in one wall thereof, a latch bolt slidably mounted on said door, means for normally holding said latch bolt in a retracted position, said means including a spring actuated carriage in which said latch bolt is mounted, a false bottom movable within said box like container, means for yieldingly supporting said false bottom in spaced relation to the true bottom of said con-

tainer, and means operable upon the downward movement of said false bottom by reason of the placing of a weighted object thereon, for causing the sliding move-

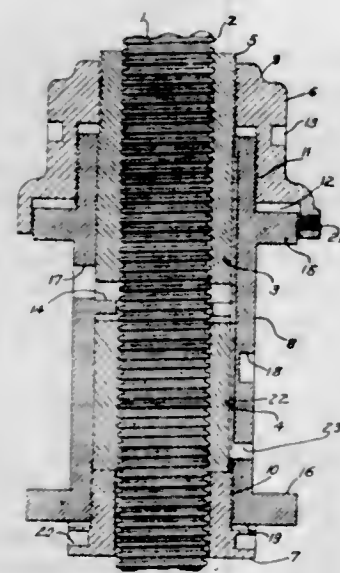


ment of said carriage to move said latch bolt to operative position upon the closing of said door for engagement with a keeper mounted on said container.

1,645,275. MANUFACTURE OF DOLLS AND PARTS THEREOF FROM CELLULOSE DERIVATIVES. ALBERT BEYLER, Mannheim-Neckarau, Germany, assignor to Rheinische Gummi- und Cellulose-Fabrik, Mannheim-Neckarau, Germany. Filed Sept. 29, 1926. Serial No. 138,570, and in Germany Oct. 19, 1925. 4 Claims. (Cl. 91-68.)

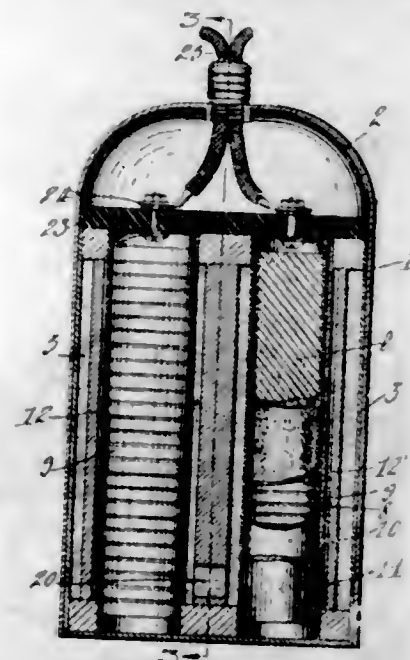
1. The herein described process of manufacturing dolls and component parts from cellulose derivatives in colors which simulate the natural flesh tints of human beings, said process comprising forming a creamy-white, greenish tinted, wax-like foundation of cellulose derivatives; and in coloring the outer surface of said foundation material with an impregnating blood-like coloring matter, thereby destroying the wax-like appearance of said foundation material and converting said wax-like material superficially into a relatively dull condition resembling that of natural, healthy human skin.

1,645,276. ADJUSTABLE NUT. JAMES A. BURNS, Wilkesburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Feb. 16, 1922. Serial No. 536,947. 6 Claims. (Cl. 74-40.)



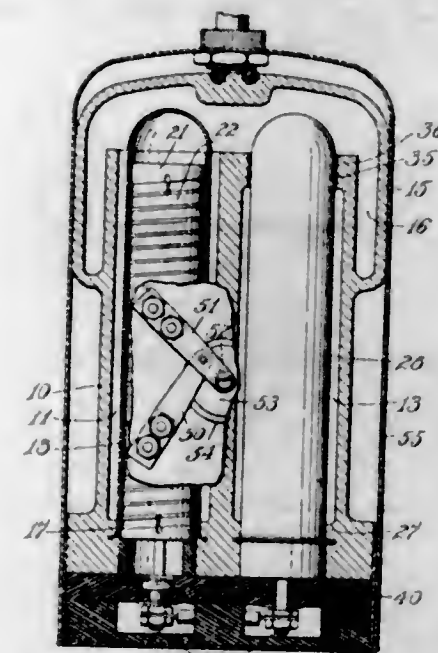
1. In combination with a screw shaft, an engaging screw member comprising a plurality of nuts, a sleeve support for said nuts and a plurality of adjusting sleeves for changing the position of said nuts with respect to said shaft.

1,645,277. ELECTRIC WATER HEATER. FOUAD JEAN Cid, Indianapolis, Ind. Filed Feb. 25, 1926. Serial No. 90,651. 9 Claims. (Cl. 219-39.)



4. An electric heater comprising a casing, a pair of resistance elements mounted within said casing and each comprising a refractory tube, a resistance conductor wound on said tube, an insulating cover surrounding said resistance conductor and a metallic tubular protecting casing surrounding said insulating cover and closed at its opposite ends against the ingress of liquid, and a pair of water jackets surrounding each of said resistance elements and in spaced relation thereto, one of said jackets having a water inlet at one end thereof, the other of said jackets having a water outlet at the corresponding end and the opposite ends of both of said jackets being in liquid communication with one another.

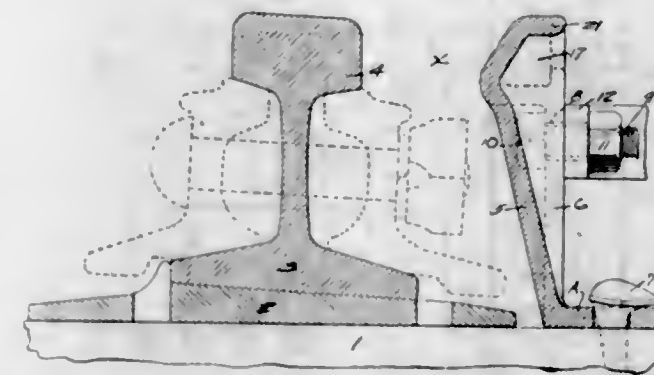
1,645,278. ELECTRIC WATER HEATER. FOUAD JEAN Cid, Indianapolis, Ind. Filed Aug. 3, 1926. Serial No. 126,947. 7 Claims. (Cl. 219-39.)



1. A water heater comprising a main body having two cylindrical passages, an inlet passage leading into one end of one of said passages, an outlet passage leading from one end of the other of said passages, a water chamber forming communication between adjacent ends of the two passages, a metal tube lying within each of

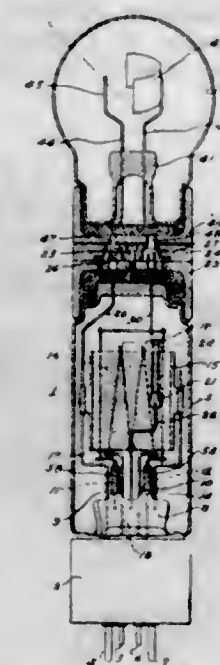
said cylindrical passages and spaced from the walls thereof, and an electrical heating element within each of said tubes, the passage which is connected with the outlet passage being so formed as to provide a short restricted connection between the water chamber and the outlet cylindrical passage.

1,645,279. FLANGEWAY GUARD FOR HIGHWAY CROSSINGS. PAUL E. GERHARD, Lebanon, Pa., assignor to Lebanon Steel Foundry, Lebanon, Pa., a Corporation of Pennsylvania. Filed Jan. 15, 1927. Serial No. 161,265. 12 Claims. (Cl. 238-9.)



7. In a flangeway guard construction, the combination with a pair of aligned and endwise opposed, guard forming members, of a horizontal connecting bar uniting adjacent end portions of said members, and means to prevent upward movement of said members relatively to said bar, when in use.

1,645,280. PHOTOELECTRIC CELL. THADDEUS R. GOLDSBOROUGH, Wilkesburg, and OTTO H. ESCHHOLZ, Pittsburgh, Pa., assignors to Westinghouse Electric and Manufacturing Company, a Corporation of Pennsylvania. Filed Sept. 28, 1926. Serial No. 138,197. 8 Claims. (Cl. 250-27.5.)



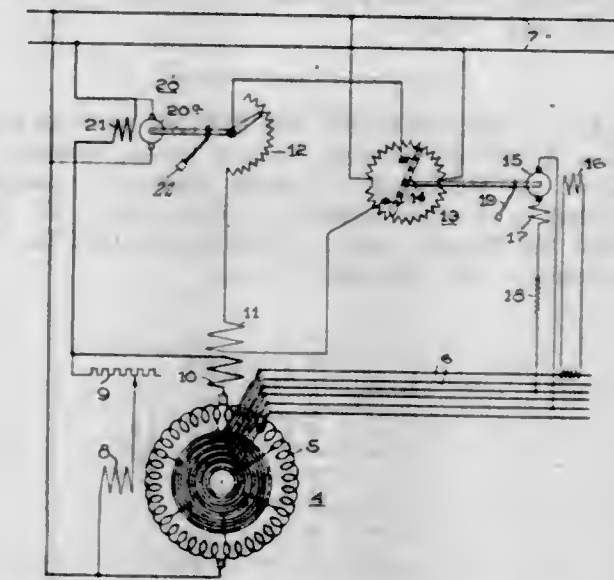
1. In combination, a thermionic device and a photoelectric device separately mounted thereon.

1,645,281. CONTROL OF COMMUTATING-POLE STRENGTH ON NONBOOSTER ROTARY CONVERTERS. FLOYD T. HAGUE, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Sept. 23, 1922. Serial No. 590,147. 5 Claims. (Cl. 171-128.)

2. The combination with a rotary converter provided with commutating poles, of electro-responsive means for

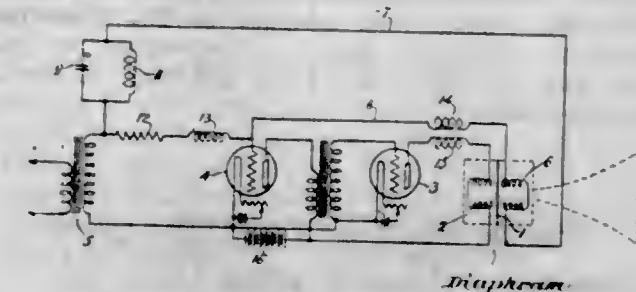
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varying the strength of the commutating field in response to the wattless alternating-current component, and electro-responsive means for simultaneously varying



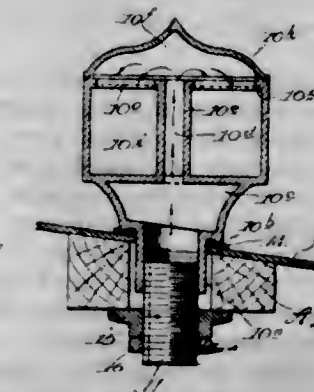
the strength of the commutating field in response to the real-power load to compensate for the variation in the angular displacement and intensity of the armature field.

1,645,282. LOUD-SPEAKING TELEPHONE. CLINTON R. HANNA, Wilkesburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Aug. 28, 1924. Serial No. 734,607. 2 Claims. (Cl. 179-180.)



1. In a sound-producing device, a diaphragm, magnetic driving means for said diaphragm, and means controlled by the movement of said diaphragm for impressing on said magnetic driving means a supplemental current of a phase in quadrature with the velocity of said diaphragm.

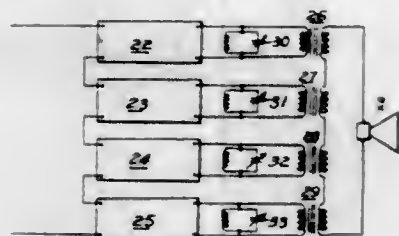
1,645,283. VENTILATOR. HAROLD N. HANSEN, Highwood, Ill., assignor of an undivided interest to Henry Gleasel Company, Chicago, Ill., a Corporation of Illinois. Filed July 10, 1925. Serial No. 42,726. 4 Claims. (Cl. 98-20.)



1. A ventilator comprising a body having a longitudinal passage therethrough, said passage being provided with an entrance and an exit, the exit being ar-

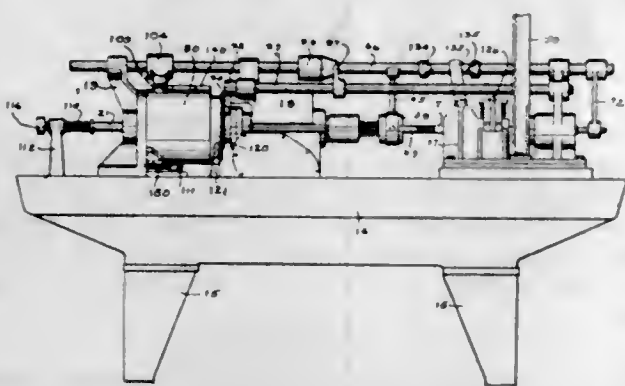
ranged at a plane angularly disposed with respect to the plane of the entrance, the said body being further provided with a duct at right angles to the axis of said passage and a chamber located above said passage and in communication therewith, said duct also communicating with said chamber.

1,645,284. TELEPHONIC RECEIVING APPARATUS. NORMAN PULLEN HINTON, Golders Green, England, assignor to Metropolitan-Vickers Electrical Company, Limited, a British Company. Filed Sept. 27, 1924. Serial No. 740,169, and in Great Britain Oct. 16, 1923. 2 Claims. (Cl. 178-44.)



1. In an audio-frequency amplifier, a plurality of amplifying units having their input circuits connected in series, a frequency-selective shunt connected across the output of each amplifier, the shunts being selective to different frequencies, transformers energized from the respective output of the amplifier and a circuit including a translating device connecting the secondaries of said transformers in series.

1,645,285. CONDUIT-THREADING MACHINE. DANIEL KELLEHER, Berea, Ohio, assignor to The Foote-Burt Company, Cleveland, Ohio, a Corporation of Ohio. Filed Aug. 23, 1926. Serial No. 130,789. 82 Claims. (Cl. 10-133.)



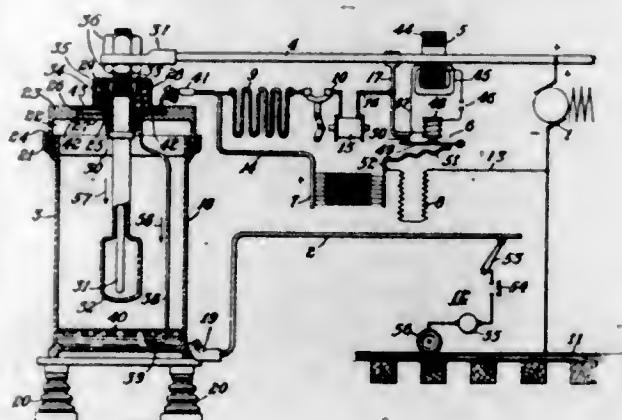
1. A tapping machine wherein the tap may float longitudinally while being rotated, and means for holding a piece of work on the threads of the tap against rotation and longitudinal movement, whereby the held piece may advance the tap into another piece of work as the tap is rotated.

35. In a conduit tapping machine, the combination of a tap, a spindle for rotating the tap, a work gripping means operative to retain the tap and work and thereby cause separation of the tap and spindle, mechanism for shifting the spindle away from the tap shank, mechanism for subsequently shifting the tap and work toward the spindle and mechanism for shifting the spindle toward the tap shank after the tap and its work have been shifted, and resilient means for causing a subsequent engagement of the tap shank and spindle.

75. In a metal cutting machine the combination of a cutting tool, means for holding work to be operated upon by said tool, means for effecting relative rotation between the work holding means and said tool, a camming mechanism coaxially arranged relative to said means for effect-

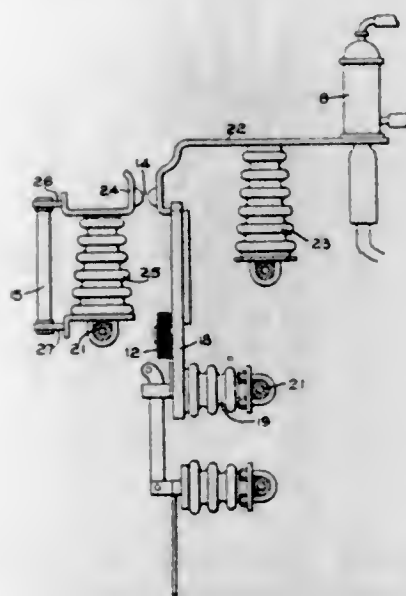
ing a relative longitudinal movement between the work and tool, means for intermittently operatively connecting said rotation means to the camming mechanism and means for automatically removing work from the work holding means.

1,645,286. CIRCUIT-INTERRUPTER SYSTEM. JOSEPH W. LEGG, Wilkesburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Dec. 13, 1920. Serial No. 430,155. 14 Claims. (Cl. 175-294.)



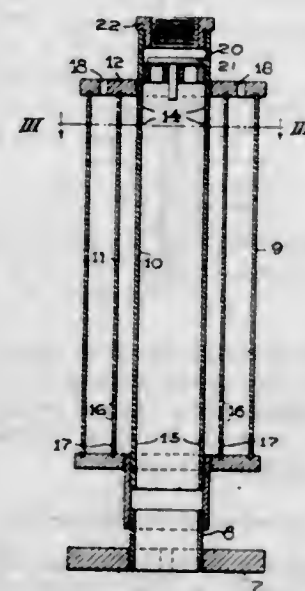
1. A circuit-interrupting system comprising a circuit, an electric valve disposed therein and having inductive characteristics, means for momentarily diverting the current from the valve to extinguish the valve arc, means for reducing the inductive effect of the valve during the interruption of the current therethrough and means for reducing inductive effects of the valve during the interruption of the current in the circuit.

1,645,287. RECTIFIER-PROTECTIVE SYSTEM. DONALD G. LITTLE and ROBERT L. DAVIS, Wilkesburg, Pa., assignors to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Apr. 15, 1925. Serial No. 23,428. 1 Claim. (Cl. 175-30.)



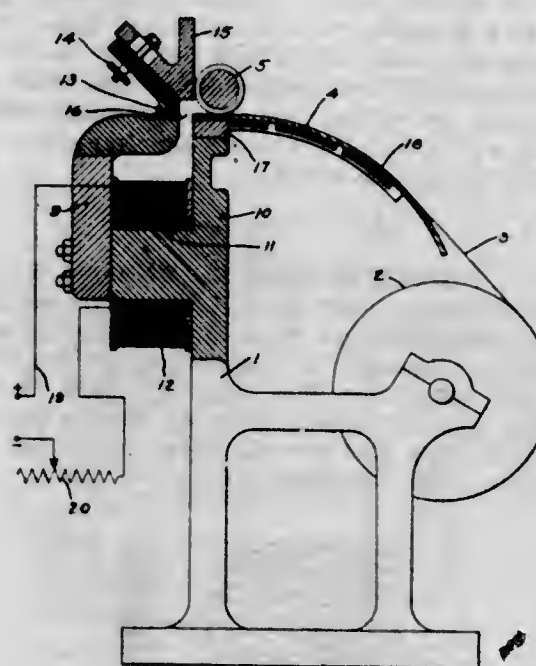
In a safety device for vacuum tube apparatus, a spark gap, a vertically disposed supporting member of insulation for one side of said gap, a conductor extending from said spark gap to the anode of a tube, said conductor being secured to the upper end of said insulating supporting member whereby the conductor constitutes a brace for said supporting member, said conductor having a circumflex bend adjacent the spark gap whereby a portion of the conductor constitutes a horn of the spark gap.

1,645,288. THROTTLING DEVICE. JOHN B. MACNEILL, Wilkesburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Apr. 13, 1922. Serial No. 532,147. 9 Claims. (Cl. 200-150.)



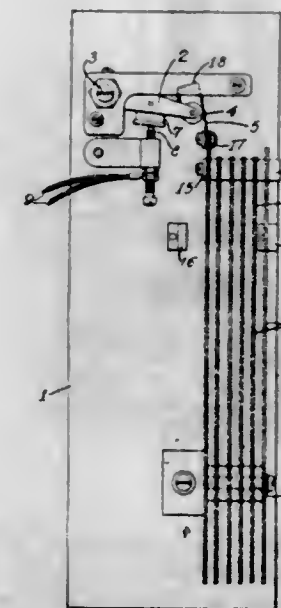
9. The method of venting an explosion chamber which consists in discharging the gas into a vented muffler normally open to the atmosphere and in partially closing communication between the atmosphere and the muffler after the gas normally occupying the muffler has been expelled.

1,645,289. MACHINE FOR WRAPPING BODIES. ALAN MONKHOUSE, Rosleigh, England, assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Nov. 28, 1923. Serial No. 677,567, and in Great Britain Dec. 2, 1922. 9 Claims. (Cl. 93-77.)



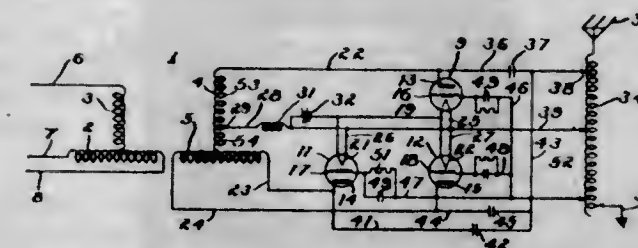
1. A machine for wrapping bodies with flexible material comprising one or more smoothing members, magnetic means for holding a body to be wrapped against said smoothing members and means for rotatably supporting said body.

1,645,290. THERMOSTATIC SWITCH. AUGUST J. MOTTILAU, Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Apr. 8, 1924. Serial No. 704,985. 15 Claims. (Cl. 200-138.)



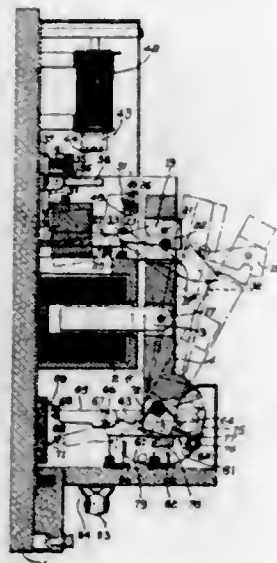
1. In a switch structure, a pivoted lever, a roller carried at an extremity thereof, a pair of relatively movable contact members controlled thereby, and a resilient member cooperating with the roller, in tangential relation therewith and thermally-influenced means for actuating said resilient member.

1,645,291. POLYPHASE PLATE-CIRCUIT EXCITATION SYSTEM. ALEXANDER NYMAN, Swissvale, and FRANK CONRAD, Pittsburgh, Pa., assignors to Westinghouse Electric and Manufacturing Company, a Corporation of Pennsylvania. Filed Aug. 18, 1921. Serial No. 493,379. 7 Claims. (Cl. 250-17.)



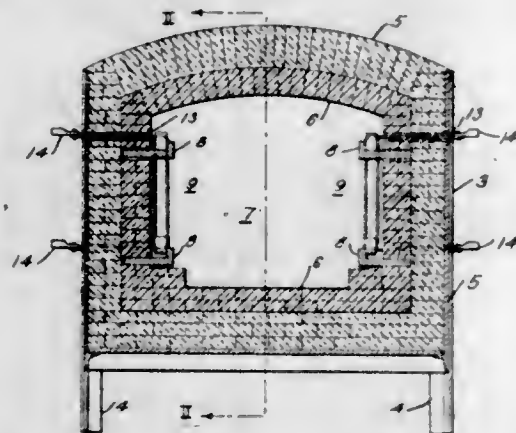
1. In a wireless transmission system, a polyphase source of energy, a transformer having primary and secondary windings, the number of said primary windings corresponding to the number of phases and each primary winding being energized by the corresponding phase of said source of energy, magnetizable cores for said windings, said secondary windings having pairs of circuit terminals, each pair constituting one phase of a polyphase source of energy, a plurality of thermionic devices, conductors for connecting individual devices to individual phases, one of said conductors being common to said devices and including means for maintaining substantially constant currents therein, said pairs of circuit terminals including such portions of the secondary windings as are necessary to cause the magnetizing effects of the currents in each winding to be nullified, means including a radiating system associated with said thermionic devices, and means for causing each thermionic device to function as an oscillation generator and to supply energy to said radiating system.

1,645,292. CIRCUIT INTERRUPTER. GRANVILLE E. PALMER, Cambridge, Mass., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Mar. 17, 1924. Serial No. 699,635. 16 Claims. (Cl. 200—98.)



1. A switch mechanism comprising a movable member having contact members thereon, a solenoid for actuating the movable member to closed position of the switch, means tending to actuate the movable member to open the switch, a stationary bracing member, a pivoted member supported on the movable member and provided with a recess adapted to coincide with the bracing member when the switch is in closed position, a latching member disposed to engage the pivoted member to hold it against the bracing member, and electromagnetically-controlled means for controlling the latching member.

1,645,293. ELECTRIC FURNACE RESISTOR. THOMAS A. REID, Wilkesburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed June 25, 1921. Serial No. 480,262. 3 Claims. (Cl. 204—64.)

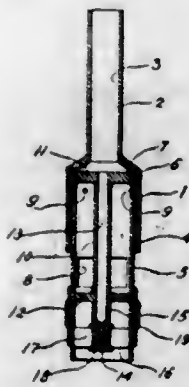


1. An electric furnace comprising a plurality of walls enclosing a furnace chamber, a plurality of aligned, spaced refractory members located in certain of said walls and extending into said chambers, a notched refractory bar supported by certain of said refractory members, a second notched refractory bar located in opposite parallel-spaced relation to said first bar and a metallic resistor helically wound around said two bars and supported in the notched portions of one of said bars.

1,645,294. BURNER. CLARENCE J. RODMAN, Wilkesburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Jan. 25, 1924. Serial No. 688,382. 3 Claims. (Cl. 158—111.)

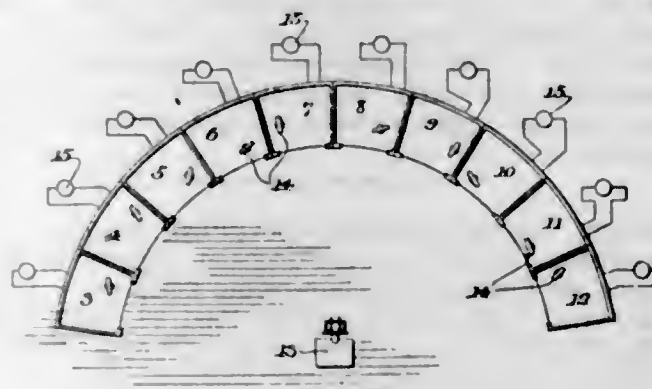
1. In a burner, in combination, a fuel pipe provided with a fuel discharge for delivering fuel for burning,

spaced annular plates carried by the pipe, a sleeve disposed on the annular plates for forming a combustion chamber for the burning of fuel to heat the pipe, said sleeve having perforations therein for air and fuel, a



second sleeve for receiving the first sleeve to form a fuel channel to supply fuel to the combustion chamber through said fuel perforations, said sleeves being adjustably connected thereby to provide for the control of the flow of fluid to the combustion chamber.

1,645,295. METHOD AND APPARATUS FOR PLURAL RECORDING AND REPRODUCING OF SOUNDS. HARRISON W. ROGERS, New York, N. Y. Filed Nov. 24, 1926. Serial No. 150,607. 7 Claims. (Cl. 179—100.1.)



1. A method of recording and reproducing of a plural number of sounds, which consists in intercepting sound waves at a plurality of different sound isolated points, converting said sound waves into electrical waves, recording simultaneously and independently the effect of said sound waves, converting said recorded sound waves into electrical waves, and reproducing simultaneously and individually the various sounds.

1,645,296. INDUCTION MOTOR. REINHOLD RUDENBERG, Charlottenburg, near Berlin, Germany, assignor, by mesne assignments, to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Original application filed May 11, 1917, Serial No. 168,031, and in Germany Mar. 30, 1916. Divided and this application filed Nov. 13, 1924. Serial No. 749,788. 4 Claims. (Cl. 172—120.)

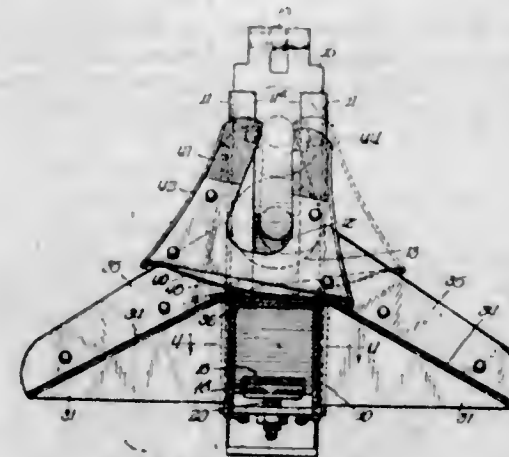


1. An asynchronous motor having slot conductors composed of transposed strands and having an increased starting torque, the slip energy in the slot conductors being used up by tertiary currents induced in said conductors by the secondary stray-field, said conductors hav-

ing iron layers inserted into the individual conductor strands, thru which layers the secondary slot field can pass.

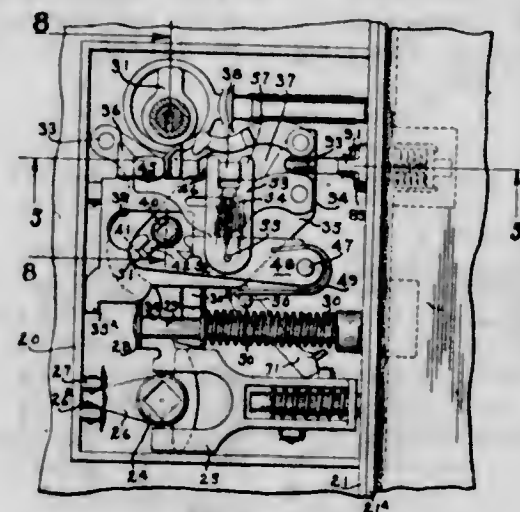
2. An asynchronous motor having slot conductors composed of twisted strands and having an increased starting torque, the slip energy in the slot conductors being used up by tertiary currents induced in said conductors by the secondary stray-field, said conductors having iron layers inserted into the individual conductor strands, thru which layers the secondary slot field can pass, and an iron core around which said strands are twisted, said core serving for uniformly distributing the stray-field lines of force in said iron layers.

1,645,297. WRINGER. SIMON E. SCHROEDER, Newton, Iowa. Filed Mar. 14, 1925. Serial No. 15,434. 19 Claims. (Cl. 68—32.)



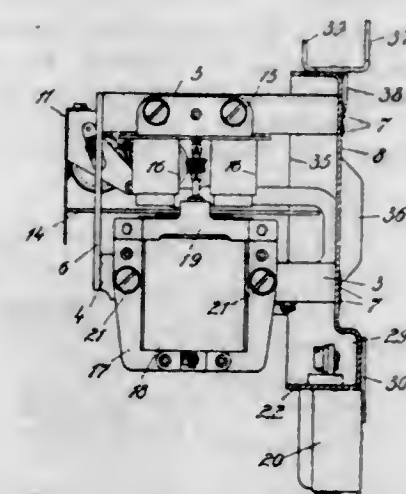
1. In a wringer, a frame open at its upper end and comprising a base, side members and a detachable top closure member and an assembly of working parts of the wringer supported in the frame and removable therefrom by simple vertical lift, including a pair of wringer rolls, flow guides and a shiftable deflector for optionally directing the flow of liquid to the respective flow guides, the flow guides and deflector being slidably mounted in the frame.

1,645,298. LOCK. JOHN H. SHAW, New Haven, Conn., assignor to Sargent & Company, New Haven, Conn. Filed Apr. 25, 1924. Serial No. 708,918. 14 Claims. (Cl. 70—46.)



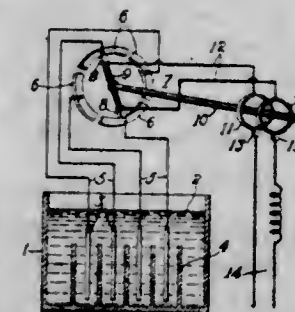
1. In a door lock, a case, a latch bolt therein, key actuated means to retract said bolt including a lever pivoted to the case, and means to dog said bolt in protracted position, said retracting means being moved to position to allow said key to rotate freely when said dogging means is operative.

1,645,299. ELECTRICITY METER. KONRAD SINGER, PAUL PASCHEN, and GEORG REIME, Nuremberg, Germany, assignors to Westinghouse Electric & Manufacturing Company, New York, N. Y., a Corporation. Filed July 24, 1925, Serial No. 45,904, and in Germany Mar. 19, 1924. 6 Claims. (Cl. 171—264.)



1. In an electricity meter of the induction type, the combination of a housing comprising a bottom-portion and a top-portion, a frame fastened to the bottom-portion of said housing, a disc armature rotatably mounted in bearings supported by parts of said frame, a voltage electromagnet and a main-electromagnet both fastened to said frame in such a manner that a gap for said disc armature is formed between them, a brake magnet fastened to said frame and adapted to receive said disc in its gap, a counting train fastened to said frame and in operative connection with said armature, a terminal board inserted in an opening of the wall of said housing adapted to connect the windings of said electromagnets to the lines of the plant to be controlled by said meter, one of said electromagnets extending farther than the other in the direction parallel with the armature axis and being arranged on the side of the disc facing the terminal board, the part of the frame supporting the armature bearing on this side of said disc being arranged in a plane substantially parallel with said disc and in proximity to the centre of gravity of the said electromagnet, the part of the frame which supports the other bearing of said armature being arranged in a plane substantially parallel with said disc and at a distance therefrom which is at least approximately equal to the distance between said disc and the other part of said frame supporting the other bearing.

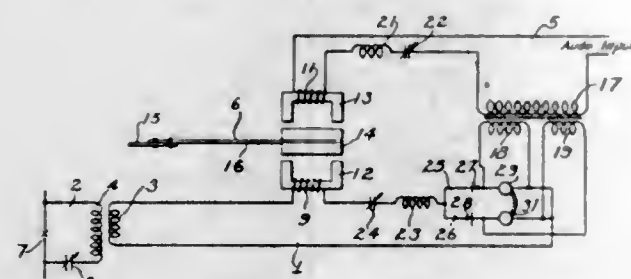
1,645,300. CURRENT-LIMITING DEVICE. JOSEPH SLEPIAN, Swissvale, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed July 19, 1920. Serial No. 397,368. 4 Claims. (Cl. 201—57.)



4. A current-limiting device comprising a container, an electrolyte and a plurality of film-forming electrodes therein, a stationary contact member connected to each of the electrodes, a rotatable member, slip rings on the rotatable member, brushes connected to a circuit and engaging the slip rings, and contact members disposed on

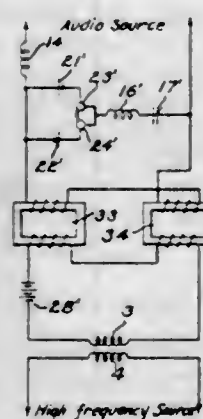
the rotatable member and connected to the slip rings, said movable contact members engaging said stationary contact members to connect pairs of said electrodes in series with the circuit to direct current between the electrodes of each of said pairs thereof alternately in each direction.

1,645,301. MAGNETIC AMPLIFIER AND SELF-MODULATOR. JOSEPH SLEPIAN, Wilkesburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Apr. 21, 1921. Serial No. 463,208. 13 Claims. (Cl. 179-171.)



1. In a magnetic amplifier, a circuit having radio-frequency currents therein and a magnetizing winding, a second circuit having audio-frequency currents therein and a magnetizing winding, a magnetizable member so disposed that the resultant motion thereof causes changes in the current by means of said audio-frequency currents, feeding back energy from said ultra-audio-frequency currents to said audio-frequency currents, and in detecting said modulated ultra-audio-frequency current.

1,645,302. MAGNETIC AMPLIFIER AND SELF-MODULATOR. JOSEPH SLEPIAN, Wilkesburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Apr. 21, 1921. Serial No. 463,209. Renewed Feb. 14, 1927. 14 Claims. (Cl. 179-171.)

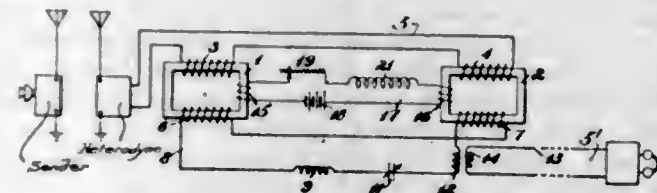


1. The process of amplifying audio-frequency currents which consists in modulating an ultra-audio-frequency current by means of said audio-frequency currents, feeding back energy from said ultra-audio-frequency currents to said audio-frequency currents, and in detecting said modulated ultra-audio-frequency current.

1,645,303. MAGNETIC FREQUENCY CHANGER. JOSEPH SLEPIAN, Swissvale, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Aug. 18, 1921. Serial No. 493,356. 17 Claims. (Cl. 178-88)

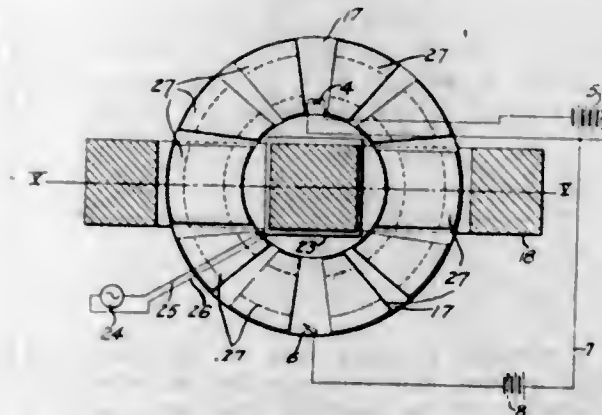
1. The combination with a circuit carrying modulated oscillatory currents of relatively high frequency, of a device for changing the energy of said currents into currents having a lower frequency, said device comprising a pair of iron-core transformers having their primary windings energized from said high-frequency circuit, a tuned

circuit of relatively low frequency associated with the secondary windings of said transformers, said secondary windings being connected in opposite directions with



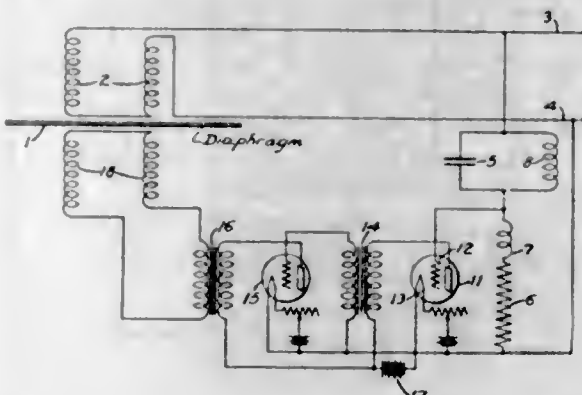
respect to said primary windings, and means for producing an unidirectional component of flux in said transformer windings in the same direction with respect to said primary windings.

1,645,304. X-RAY TUBE. JOSEPH SLEPIAN, Swissvale, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Apr. 1, 1922. Serial No. 548,636. 19 Claims. (Cl. 250-35.)



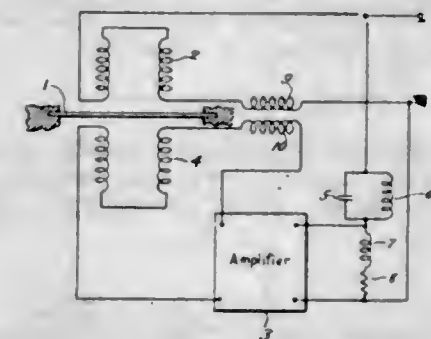
1. The method of increasing the energy of an electron which consists in subjecting said electron to the influence of a varying magnetic field of sufficient magnitude to cause said electron to move in a path comprising repetitions approximately like whorls, the energy of said electron increasing with each traverse of a repetition.

1,645,305. SOUND-TRANSLATING DEVICE. JOSEPH SLEPIAN, Swissvale, and CLINTON R. HANNA, Wilkesburg, Pa., assignors to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Aug. 28, 1924. Serial No. 734,608. 10 Claims. (Cl. 179-180.)



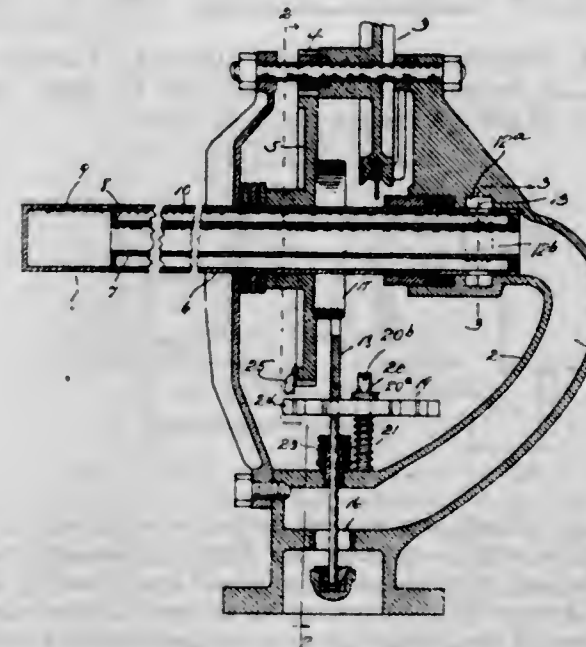
10. In a sound translating system, a sound-responsive movable member, a device controlled by the output of the system for impressing a force upon said member and a phase-determining means preventing said force from lagging behind the acceleration of said member.

1,645,306. MICROPHONE CIRCUIT. JOSEPH SLEPIAN, Swissvale, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Aug. 28, 1924. Serial No. 734,609. 4 Claims. (Cl. 179-1.)



1. In a sound-translating system, a sound-responsive, vibrating diaphragm, a coil arranged to have an electromotive force generated therein by the movement of said diaphragm, a second coil arranged to produce force acting on said diaphragm corresponding to the current in said second coil, an amplifier, a circuit, including said first coil, a phase determining device and the input of said amplifier, a second circuit, including said second coil and the output of said amplifier, and a coupling between said circuits of a magnitude and direction to counteract the coupling between said two coils, whereby the coupling between said coils is without effect upon the phase of the current in said second coil.

1,645,307. BOILER CLEANER. NORMAN L. SNOW, Detroit, Mich., assignor to Diamond Power Specialty Corporation, Detroit, Mich., a Corporation of Michigan. Filed Feb. 4, 1924. Serial No. 690,616. 10 Claims. (Cl. 122-392.)

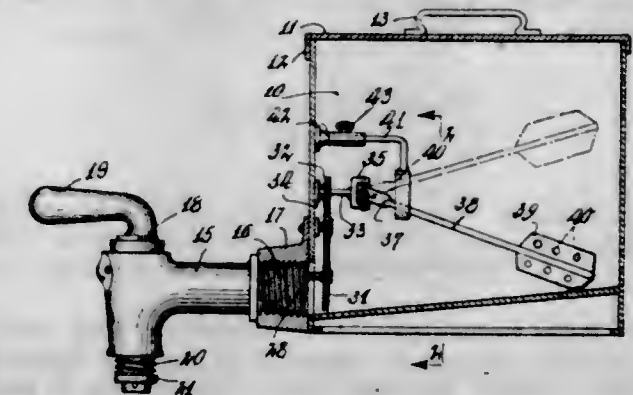


1. In a boiler cleaner, the combination with a blower element having a plurality of nozzles arranged in groups for discharging cleaning fluid, of a plurality of reciprocating valves for controlling the discharge of the cleaning fluid through respective groups of said nozzles, and means dependent upon the movement of said blower element for reciprocating said valves.

1,645,308. SANITARY MILK URN. IGNACE STERN, IRVING ROTH, and JOSEPH MARKOWITZ, New York, N. Y. Filed Mar. 4, 1927. Serial No. 172,742. 4 Claims. (Cl. 221-67.)

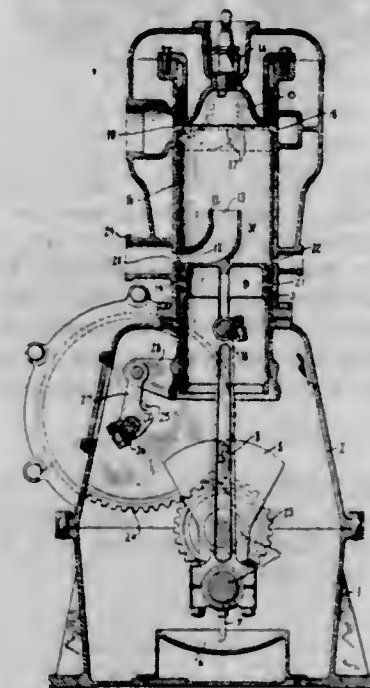
1. In a milk urn of the class described, a receptacle for milk, a faucet attached to said receptacle comprising a stationary member having an auxiliary passage therein,

a shaft rotatively journaled in bearings in said passage, and extending into said receptacle, a bevel gear on the outer end of said shaft, a pinion on the inner end of said shaft, a tapered rotatively mounted faucet element journaled in the stationary element of said faucet provided with a peripheral groove adapted to accommodate said bevel gear, teeth on said rotatively mounted faucet element meshed with the teeth of said bevel gear, a stud



shaft rotatively mounted on the wall of said receptacle above said faucet, a universal joint on the free end of said stud shaft, an agitator pivotally attached to said universal joint, and driving mechanism comprising a train of gears rotatively mounted on said receptacle wall and operatively connected with said stud shaft and said pinion adapted to rotate said agitator when the rotatively mounted element of said faucet is rotated to open and close said faucet.

1,645,309. INTERNAL-COMBUSTION ENGINE. DAVID A. STEWART, Listowel, Ontario, Canada. Filed May 19, 1923. Serial No. 640,169. 1 Claim. (Cl. 123-65.)



In an internal combustion engine, a cylinder, having an exhaust port near the upper end and fuel and air intake ports near the lower end, a piston reciprocable within the cylinder, a tubular portion on the upper end of the piston and having an opening at the side of the piston adapted to be brought to communication with the fuel intake port during reciprocation, a spark plug in the upper end of the cylinder, an opening at the opposite end of the tubular portion leading into the combustion cylinder, and means adapted to move said lower opening in the tube to enclose the spark plug at the top of the piston stroke, said tubular portion having a gas flame opening in the wall of the said tubular portion intermediate its length below said upper end, a sleeve reciprocable within the cylinder between the piston and cylinder wall and

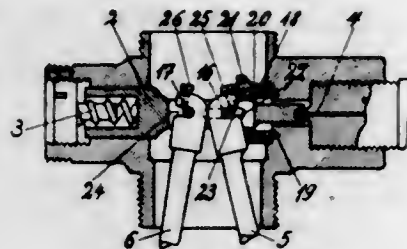
ported to register during reciprocation with the exhaust port of the cylinder and the fuel and air intake ports, the reciprocal movement of the piston and sleeve being in the proportion of two to one.

1,645,310. LATCH MECHANISM. JOHN P. TARBON, Philadelphia, Pa., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Aug. 7, 1926. Serial No. 127,814. 5 Claims. (Cl. 292-169.)



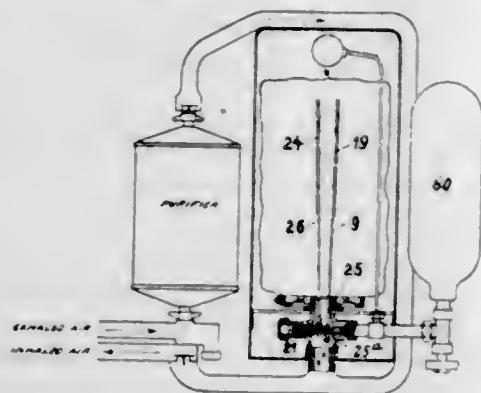
1. A latch mechanism for an automobile door having an extensible member of substantially the full width of the door slidably arranged therein comprising a latch bolt, means for operating said bolt located on opposite sides of the door, and an interlocking means for said bolt operating means circumventing the edge of the extensible member at the hinged edge of the door.

1,645,311. VALVE-CONTROL DEVICE. MAX VON DER HEIDE, Kiel, Germany. Filed Apr. 6, 1925, Serial No. 21,092, and in Germany Apr. 14, 1924. 5 Claims. (Cl. 137-139.)



1. Valve control device of the kind described comprising a body with a valve closing member arranged to slide therein, a spring for pressing the valve-closing member into its valve-closing position, rocking levers having their pivotal axes arranged substantially in the central portion of said slide member, and co-operating surfaces on said levers for shifting said member into its valve-opening position when the levers are rocked in opposite directions.

1,645,312. BREATHING APPARATUS. RICHARD VON DER HEIDE, Berlin, Germany. Filed Dec. 27, 1920, Serial No. 433,547, and in Germany Dec. 27, 1919. 3 Claims. (Cl. 128-191.)



1. A breathing apparatus comprising a source of high pressure gas for respiration, a breathing bag having a movable side, a pressure reducing valve directly connect-

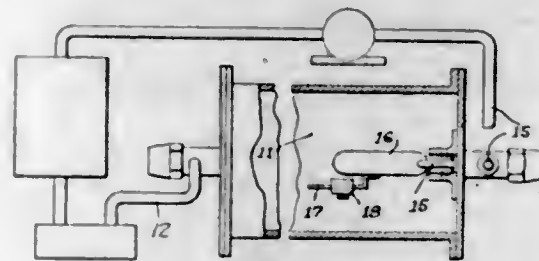
ing the bag with said source, a spring tending to close the valve, a lever having a short and a long arm said long arm extending freely into said bag, the short arm being associated with the valve, two oppositely arranged plates, one of said plates being attached to the long lever arm and adapted to be moved with it toward the other plate by the said movable side, whereby the short arm of the lever relieves the spring pressure upon said valve, permitting the gas pressure to open it.

1,645,313. STORAGE TANK FOR GASES AND VOLATILE LIQUIDS. JOHN H. WIGGINS, Bartlesville, Okla. Filed Aug. 30, 1926. Serial No. 132,540. 19 Claims. (Cl. 220-26.)



1. A tank for storing gases and volatile liquids provided with a substantially concave metal roof connected to the side wall of the tank and constructed so as to have sufficient inherent elasticity or flexibility to permit the central portion of same to move upwardly above a horizontal plane, thus increasing the volume of the vapor space of the tank when the upward pressure exerted on the underside of the roof exceeds the weight of the roof, and to resume its concave form when the upward pressure exerted on the underside of the roof becomes less than the weight of the roof.

1,645,314. REFRIGERATING APPARATUS. EDWARD T. WILLIAMS, Brooklyn, N. Y. Filed July 11, 1925. Serial No. 42,866. 8 Claims. (Cl. 62-126.)

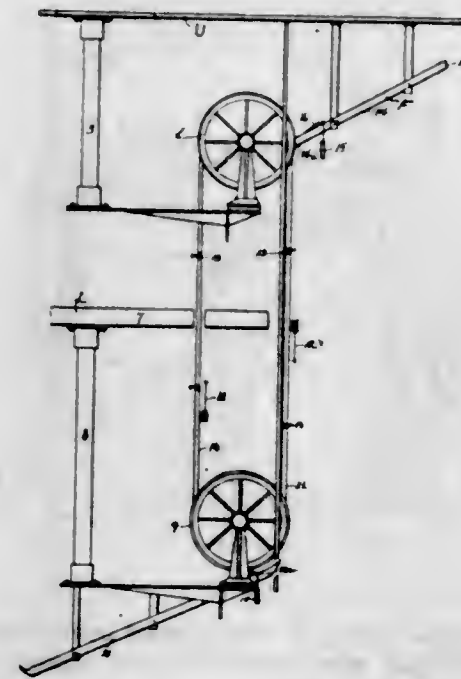


3. In a refrigerating system having a compressor, the combination with a chamber for liquid refrigerant, and means for maintaining a constant liquid level therein, of a floating skimmer in the chamber, to receive lubricant from the surface of the refrigerant, the skimmer being heavier than the lubricant but lighter than the refrigerant, and means for removing the lubricant from the skimmer and evaporated refrigerant from the chamber and delivering both to the compressor.

1,645,315. GARMENT CONVEYER. L. R. HENRY BIXLER and WILLIAM L. BIXLER, Fresno, Calif. Filed Nov. 27, 1926. Serial No. 151,051. 1 Claim. (Cl. 198-26.)

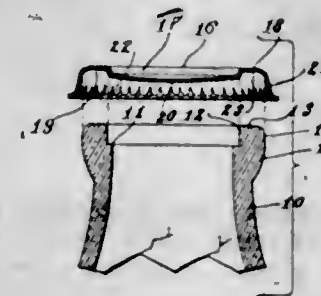
In a garment conveyer the combination of an oblique slideway having stops thereon, said stops being spaced apart and adapted to cooperate so that one will be operative when the other is non-operative, trip means for actuating said stop means, means for operating said trip means consisting of an endless belt adapted to travel vertically and having hooks thereon positioned to engage the

trip means on its downward path of travel, said slideway and belt hooks being adapted to carry a clothes hanger, and a receiving arm positioned at the lowest point of



travel of said belt, adapted to catch said clothes hanger when the belt hook is inverted and the clothes hanger drops therefrom.

1,645,316. CLOSURE FOR BOTTLES OR JARS. ANNA W. BOOTH and GEORGE W. BOOTH, Baltimore, Md. Filed Sept. 13, 1926. Serial No. 135,186. 3 Claims. (Cl. 215-39.)

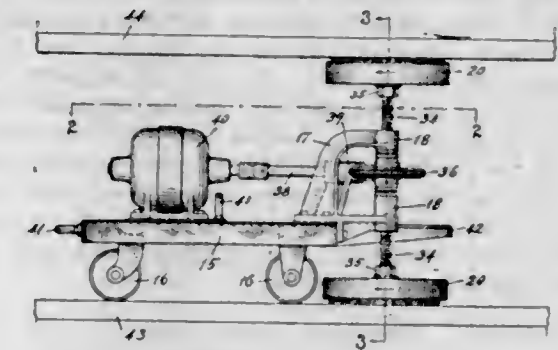


1. The combination with a container having a mouth with a closure seating surface extending from the inner side of the container adjacent to the mouth around and over the latter and down on the outer side thereof, of a sheet metal closure which prior to its application to the container is formed to produce a contour on its under side that is a counterpart of the seating surface on the container with which it is to engage, so the seating surface on the under side of the closure will fit the seating surface on the container when the closure is laid upon the container whereby to avoid stretching the metal of the closure to effect a seating of the closure on the mouth of the container, and means on the closure and container for locking the two with their contour counterpart seating surfaces in sealing contact.

1,645,317. CLEANING MACHINE. JOSEPH CARROLL, Brooklyn, N. Y. Filed Dec. 22, 1924, Serial No. 757,300. Renewed Aug. 24, 1927. 15 Claims. (Cl. 15-93.)

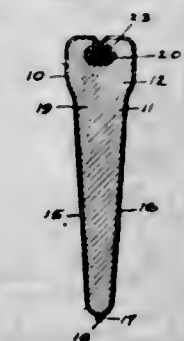
9. A machine for cleaning belt presses comprising a travelling carriage, a bracket fixed upon said carriage, a vertical shaft journaled in said bracket and project-

ing in opposite directions therefrom, cleaning members adjustably mounted upon opposite ends of said shaft and



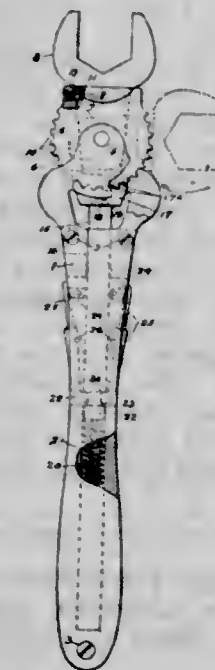
movable lengthwise thereof to and from operative positions and driving mechanism mounted upon said carriage and operatively connected with said shaft.

1,645,318. CLEANSING COMB. VETABELLE P. CARTER, San Francisco, Calif. Filed Oct. 20, 1925. Serial No. 63,592. 2 Claims. (Cl. 132-12.)



1. A comb comprising a body having spaced teeth, a cloth covering adapted to fit over said teeth, said covering being formed of two strips each serrated along its lower edge, said strips being secured together by stitching along the edges of said serrations, and means for removably securing the upper edges of said strips to said comb body.

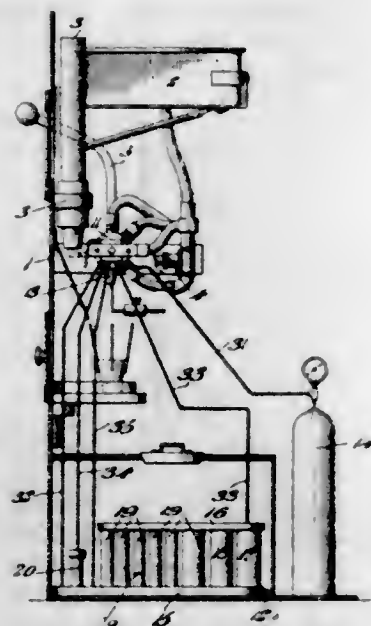
1,645,319. TOOL HOLDER. ALBERT B. CRONQUIST, Portland, Oreg. Filed Dec. 14, 1925. Serial No. 75,308. 4 Claims. (Cl. 81-59.)



1. In a tool holder, the combination of a casing handle, an oscillating member pivoted near one end of the handle, said member having ratchet teeth along its edge a con-

venient distance and an outwardly opening wedge-shaped socket, the member being adapted to position the socket at any angle above and on a line transverse to the handle and toward either side thereof; a slidable and rotatable rod, positioned longitudinally in the handle, and having an integral pawl on one end arranged and adapted to engage the teeth of said member and retain its socket rigidly in a selected position on a radial line from the member pivot and longitudinal direction of the handle and to release said member from such engagement; and levers pivoted in said handle, adapted and arranged to engage said rod, retain its pawls in engagement with said member, and release same therefrom.

1,645,320. WATER-CARBONATING APPARATUS. WILLIAM C. DE ARMOND and WILLIAM RAY H. WATT, Philadelphia, Pa. Filed Oct. 21, 1925. Serial No. 63,828. 5 Claims. (Cl. 225-21.)

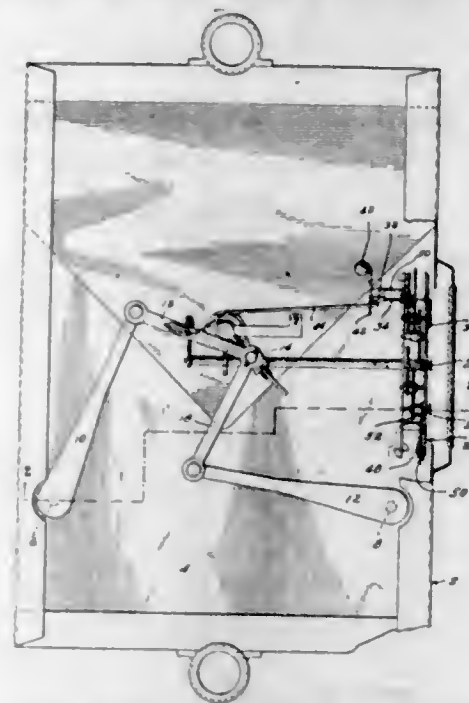


1. In a device of the character stated, a carbonating battery having a water inlet opening, and having at one end thereof a measuring chamber, a gas inlet, opening into said carbonating battery, a control valve, a stationary port in said valve communicating with a source of compressed gas supply, a second stationary port therein, communicating with the bottom of said measuring chamber, a third stationary port communicating with said gas inlet opening into said carbonating battery, a fourth stationary port communicating with the top of said measuring chamber, a movable element in said valve, series of movable ports corresponding to, and coinciding with, the first, third and fourth of said stationary ports in the open position of said movable valve element, a bypass in said movable valve element, interconnecting the first and third of said movable ports, and a passageway therein, interconnecting said fourth movable port, and hence the top of said measuring chamber, with the atmosphere, and a float controlled check valve intermediate of the top of said measuring chamber and the stationary port corresponding thereto, thereby to shut off said measuring chamber from said port with the rise of the liquid in said measuring chamber.

1,645,321. METER AND INDICATING MEANS THEREFOR. RICHARD LEE DEZENDORF, Richmond Hill, N. Y. Filed Dec. 2, 1925. Serial No. 72,641. 3 Claims. (Cl. 116-117.)

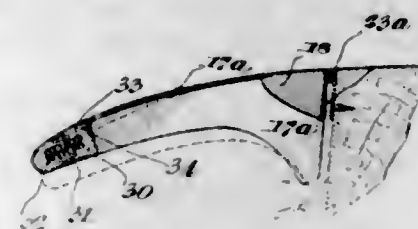
2. In a gas meter having front and rear flag wires, a revolving shaft and members operatively connecting said flag wires and said revolving shaft, comprising upper flag arms and lower flag arms, the combination of an

extension of the flag arm connecting the rear flag wire with said tangent and a visible gravity retracted indicator



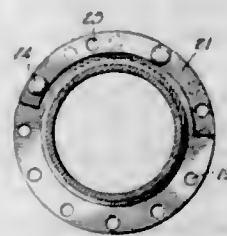
having a portion lying in the path of said extension so as to be engaged and disengaged and moved by said extension during each revolution of said shaft.

1,645,322. MOTOR VEHICLE. WALTER H. EWEND, Detroit, Mich., assignor to Packard Motor Car Company, Detroit, Mich., a Corporation of Michigan. Filed Dec. 5, 1925. Serial No. 73,295. 9 Claims. (Cl. 296-95.)



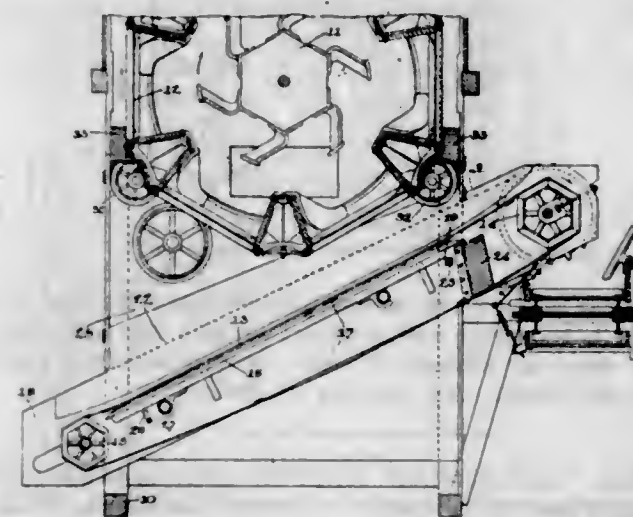
1. In a motor vehicle body comprising a vertical wall and a roof, the roof being slightly curved where it meets the vertical wall, a visor extending outwardly from the vertical wall and forming a curved continuation of the roof, said visor being pivotally supported by the body, a unitary top cover for the roof and visor and means for maintaining a tension on the cover.

1,645,323. MOTOR VEHICLE. WALTER R. GRISWOLD, Detroit, Mich., assignor to Packard Motor Car Company, Detroit, Mich., a Corporation of Michigan. Filed Oct. 24, 1925. Serial No. 64,517. 10 Claims. (Cl. 74-6.)



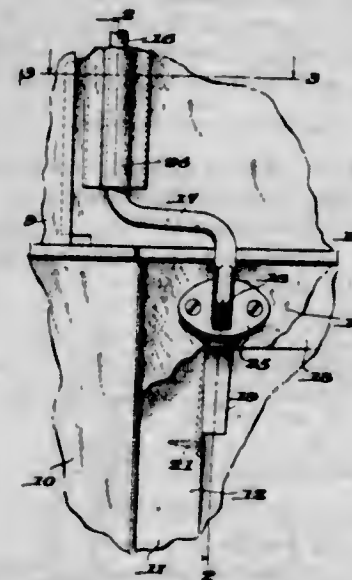
1. The combination with a propeller shaft for motor vehicles of a balancing device comprising a band adapted to surround the shaft and having a radially disposed flange, and laminated weight members adjustably secured to said flange.

1,645,324. SEPARATING APRON FOR GREEN-PEA-VINE HULLERS. FRANK HAMACHEK, Kewaunee, Wis., assignor to Frank Hamachek Machine Company, Kewaunee, Wis., a Corporation of Wisconsin. Filed Jan. 11, 1924. Serial No. 685,652. 10 Claims. (Cl. 209-114.)



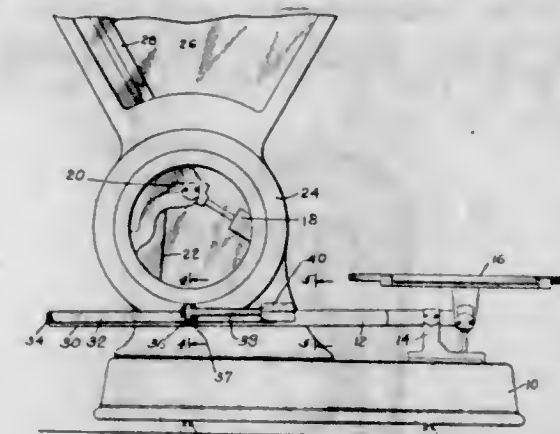
1. In a green pea vine hulling machine, an inclined separating apron comprising in combination with the machine frame, inclined side frame members pivotally mounted thereon near their upper ends and independently adjustably connected therewith at their lower ends, drums mounted across the upper and lower ends of the side frame members, a separating apron passing around the drums, slats secured to the inner face of the apron and extending beyond the edges thereof, and shelves carried by the side frames with the ends of the slats bearing thereon, the independent adjustment of the lower ends of the side frames permitting a warping of the conveyor to prevent the apron from creeping.

1,645,325. MOTOR VEHICLE. JACOB HAMMERL, Detroit, Mich., assignor to Packard Motor Car Company, Detroit, Mich., a Corporation of Michigan. Filed July 21, 1921. Serial No. 486,342. 1 Claim. (Cl. 296-139.)



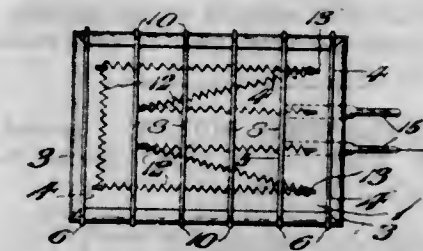
In a motor vehicle, a door having an upright post and a substantially horizontal rail, a tubular member square in cross section secured to said rail and post and having an opening at the inner face of said door, said tubular member being disposed in a plane at an angle to the plane of said door, a curtain supporting rod having an upright portion adapted to support a curtain, an intermediate portion extending across the upper surface of said door, and a straight shank square in cross section and disposed at an angle to the upright portion, said shank being adapted to engage said tubular member.

1,645,326. WEIGHING SCALE. JOSEPH HOPKINSON, Dayton, Ohio, assignor to Dayton Scale Company, Dayton, Ohio, a Corporation of New Jersey. Filed Feb. 17, 1926. Serial No. 88,740. 5 Claims. (Cl. 265-36.)



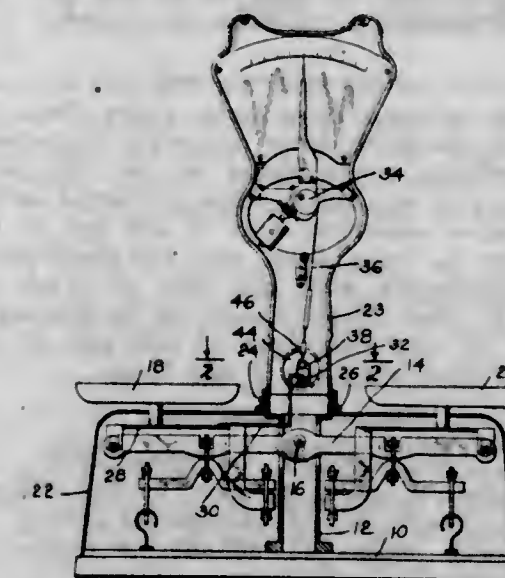
1. In combination with an automatic weighing scale having a tare beam, a settable capacity weight on said beam, said weight having effective and non-effective operative positions, and being pivotally mounted to swing from one operative position to the other in an inclined plane.

1,645,327. ELECTRIC TOASTER. HARRY A. HIRSHFELD and ALLAN G. STEEN, Philadelphia, Pa. Filed June 15, 1926. Serial No. 116,088. 4 Claims. (Cl. 219-19.)



1. A device of the character stated comprising a pair of superimposed sheets of non-conducting material, a heating element arranged in a plane above the uppermost sheet, a plurality of staples anchored between said sheets and each provided with a hooked end to support said heating element, a pair of terminal pins, two of which staples pass through said terminal pins for electrical and securing connection.

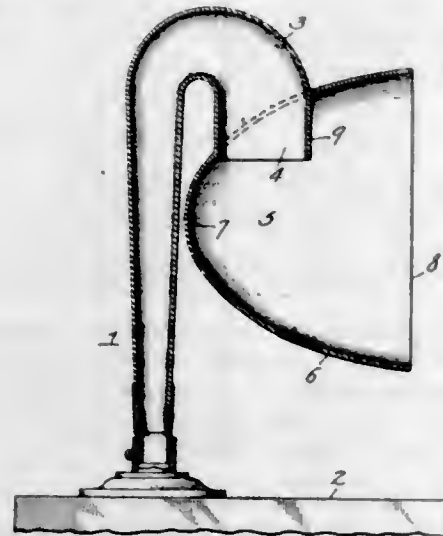
1,645,328. WEIGHING SCALE. JOSEPH HOPKINSON, Dayton, Ohio, assignor to Dayton Scale Company, Dayton, Ohio, a Corporation of New Jersey. Filed Mar. 16, 1926. Serial No. 95,008. 5 Claims. (Cl. 265-54.)



1. In an automatic weighing scale, in combination, a base, a lever system, a casing enclosing said lever system, a chart, an indicator cooperating therewith, and an up-

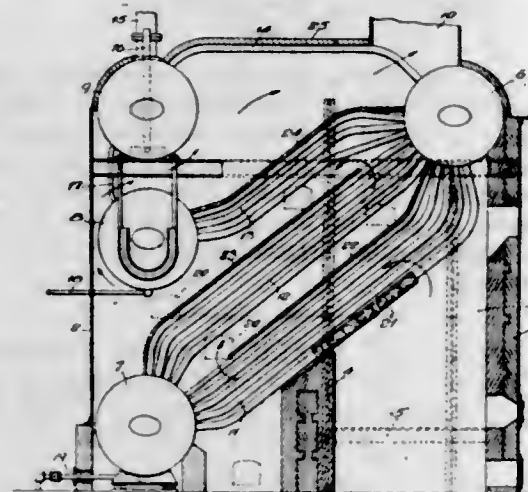
right housing enclosing said chart and indicator, said upright housing being so supported from said base, independently of said enclosing casing, as to be rotatable about a vertical axis.

1,645,329. SOUND AMPLIFIER. HELEN KANDERS, New York, N. Y. Filed Apr. 7, 1925. Serial No. 21,316. 7 Claims. (Cl. 181-27.)



1. A sound amplifier comprising a reflector of conic section and a sound conduit communicating with the reflector at one side thereof in directional relation to the curved surface of said reflector at its opposite side, and transversely across the focal axis of said reflector.

1,645,330. WATER-TUBE BOILER. GEORGE LASKER, Chicago, Ill. Filed July 9, 1923. Serial No. 650,517. 6 Claims. (Cl. 122-265.)

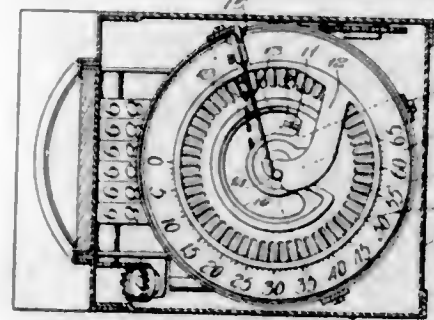


1. In a device of the kind described and in combination, a boiler having a front drum, a rear drum at the lower end of the boiler, tubes connecting said drums, a pair of vertically spaced drums at the rear of said boiler above said rear drum, tubes connecting said pair of drums, tubes connecting each of said pair of drums directly with the front drum, said first-mentioned rear drum communicating with said pair of drums solely through said front drum, means for introducing feed water into the uppermost drum of said pair of drums, and a steam outlet from one of said drums.

1,645,331. SPEEDOMETER CONSTRUCTION. JOHN M. LEA, Detroit, Mich., assignor to The Mileometer Company, Chicago, Ill., a Corporation of Illinois. Filed July 9, 1923. Serial No. 650,463. 3 Claims. (Cl. 264-13.)

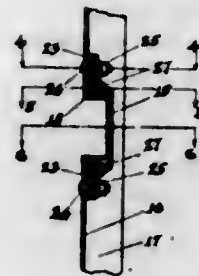
1. In a device of the kind described and in combination, a speed-indicating means having a cam carried thereby, drive means for actuating said indicating means, a leaf

spring fixed at one end and engageable with said cam at said other end so as to retard and retrieve said indicating means, and calibrating means, comprising a stationary member having spaced fingers projecting in the path of



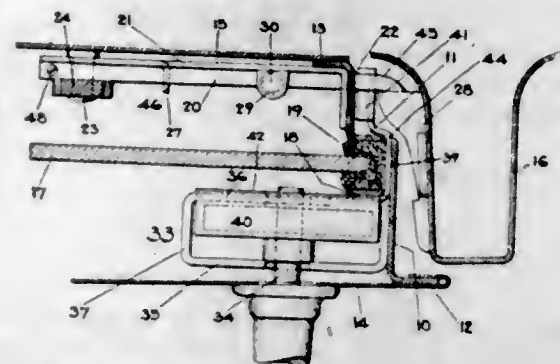
said spring so as to be successively engaged thereby and made of a relatively soft material so that the individual fingers may be adjustably bent toward or from said spring and retain their position as desired.

1,645,332. LATCH-BOLT KEEPER AND MEANS FOR MOUNTING THE SAME. JOSEPH LEDWINKA, Philadelphia, Pa., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Dec. 28, 1923. Serial No. 683,146. 4 Claims. (Cl. 292-340.)



1. The combination of a channel-shaped housing member, having an opening in a portion thereof, a keeper mounted within said channel and provided with a bolt-engaging surface in line with said opening and with ears above and below said opening, adjusting screws threaded through said ears and engaged by the side walls of said channel member to prevent longitudinal shifting of said screws, the heads of said screws being accessible through openings in one side wall of said member.

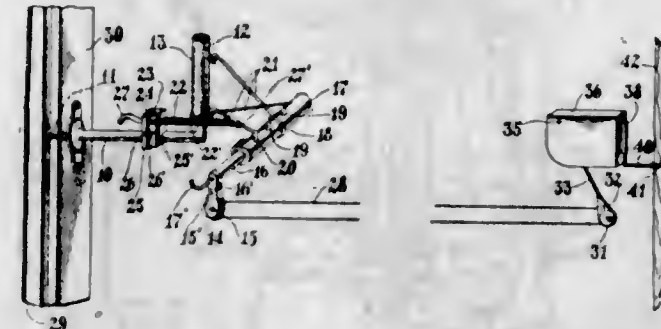
1,645,333. LATCH MECHANISM. JOSEPH LEDWINKA, Philadelphia, Pa., assignor to Edward G. Budd Manufacturing Co., Philadelphia, Pa., a Corporation of Pennsylvania. Filed Dec. 7, 1925. Serial No. 73,565. 15 Claims. (Cl. 292-64.)



1. A latch mechanism for an automobile door adapted to have a window member of substantially the full width of the body of the door arranged for slidable movement in said door with the side edge thereof in close proximity to the jamb face of the door, comprising inside and outside latch operating devices carried by the door on opposite sides of the path of movement of said window member.

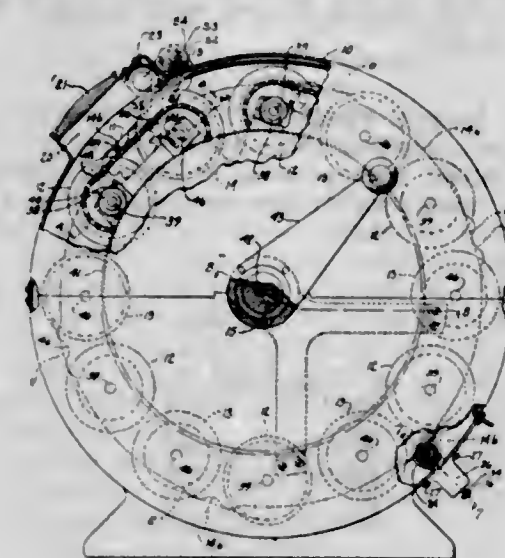
ber, an interlocking device extending across the path of movement of the window member, and a latch bolt effecting latching engagement with its keeper through relative movement in the vertical plane which relative movement is brought about through said interlocking device.

1,645,334. ADJUSTABLE BRACKET FOR CLOTHESLINES. HENRY S. LEGGETT, Brooklyn, N. Y. Filed May 24, 1926. Serial No. 111,087. Renewed Aug. 24, 1927. 2 Claims. (Cl. 68-3.)



1. In a clothesline supporting mechanism of the class described, a bracket comprising a substantially vertical support, a substantially vertical hollow cylindrical member journaled on said support, a tubular member rigidly mounted on said hollow cylindrical member in spaced relation thereto, said tubular member being provided with a longitudinally extending slot and a plurality of bayonet slots communicating therewith, and a shaft slidably mounted in said tubular member, having a projection on one end thereof adapted to be selectively disposed in any one of said bayonet slots to retain said shaft in a desired extended position the free end of said shaft protruding from said tubular member and having a pulley mounted thereon.

1,645,335. DISPLAY APPARATUS. THOMAS A. LEWIS, New York, N. Y. Filed Apr. 10, 1922. Serial No. 551,058. 6 Claims. (Cl. 40-28.)

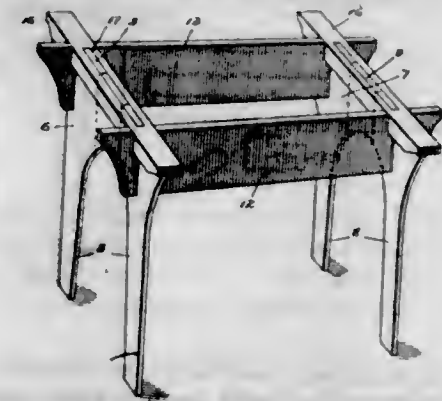


1. A casing, a window therein, a rotatable cage in the casing, a plurality of pairs of rollers arranged substantially peripherally of the cage, means for turning the cage to bring the roller pairs selectively opposite the window, and means automatically brought into operation upon bringing a pair of rollers opposite the window for imparting rotation to the rollers of the pair.

1,645,336. TABLE. JOHN F. MCGLOTHERN, Seattle, Wash. Filed May 6, 1926. Serial No. 107,270. 2 Claims. (Cl. 45-48.)

1. A table comprising end members having slots therein, upstanding tongues between said slots, foreshortened shoulders outside the slots, side members having rela-

tively narrow slots on the undersides of their end portions adapted to overlappingly fit within the slots of said end members, said side members having relatively wide slots on the upper sides of their end portions disposed vertically above said narrow slots, the bottoms of said wide slots disposed flush with said foreshortened shoulders in the assembled positions, transverse locking



members having slots arranged to fit over said tongues, said locking members disposed within said wide slots with their undersides resting on the bottoms thereof and on said shoulders, the upper sides of said locking members, tongues and side members disposed in a horizontal plane in the assembled position, and a top secured to said locking members.

1,645,337. WELDING TORCH. ADOLF MESSER, Frankfurt-on-the-Main, Germany. Filed Feb. 20, 1923. Serial No. 620,195. and in Germany Apr. 29, 1921. 2 Claims. (Cl. 158-27.4)

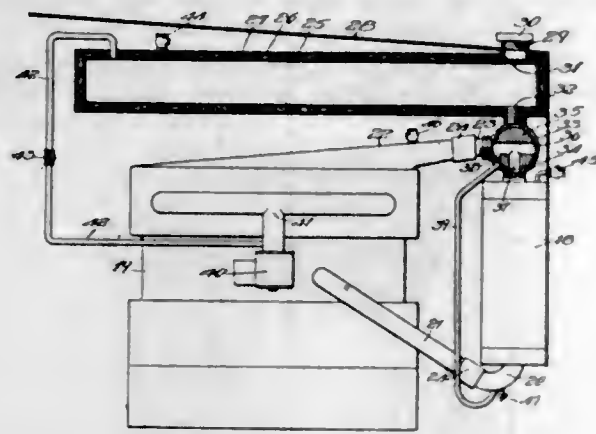


1. A cutting or welding burner including a heating gas passage and a centrally disposed oxygen nozzle therein terminating in a conical end, the outer surface of the body portion of said oxygen nozzle having an annular groove or chamber intermediate of its ends and the outer surface of said nozzle at opposite sides of said groove being provided with a large number of very small longitudinal passages for the heating gas, the passages at one side of said groove terminating in the conical surface of said end.

1,645,338. MEANS FOR MAINTAINING THE TEMPERATURE OF THE FLUID IN CIRCULATING SYSTEMS. ARTHUR B. MODINE, Racine, Wis. Filed July 17, 1920. Serial No. 397,106. 2 Claims. (Cl. 123-174.)

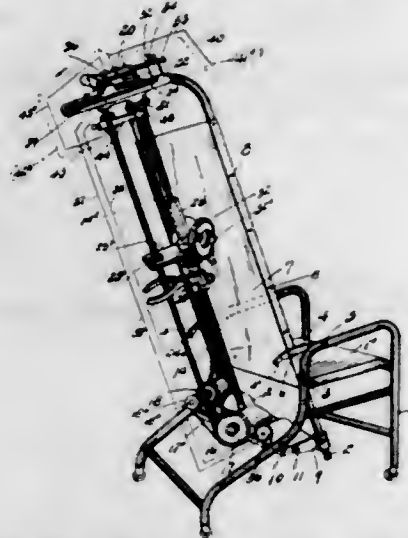
1. In a device of the kind described, an internal combustion engine and cooling system comprising a water jacket for the engine and a radiator for containing and directing a fluid to and to receive the same from the water jacket, said cooling system including a conduit leading from the upper part of the water jacket, in combination with a receptacle arranged directly above the engine and cooling system, a connection leading from the receptacle connected to the upper part of the radiator and to the said conduit whereby fluid in the receptacle may feed by gravity into the system, means connected with said motor whereby a vacuum is produced in the receptacle for causing the fluid to flow from the system into said receptacle, means for admitting air to the system during the withdrawal of the fluid therefrom, and manu-

ally controlled means for controlling the passage of fluid to and from the receptacle, said last mentioned means including a valve interposed in said connection adapted



to alternately establish communication between the upper part of the radiator and said conduit alone, and between the upper part of the radiator, the conduit and the receptacle.

1,645,339. THERAPEUTIC CHAIR. EDWARD R. MONROE, Bay City, Mich. Filed Oct. 18, 1926. Serial No. 142,468. 12 Claims. (Cl. 128-57.)



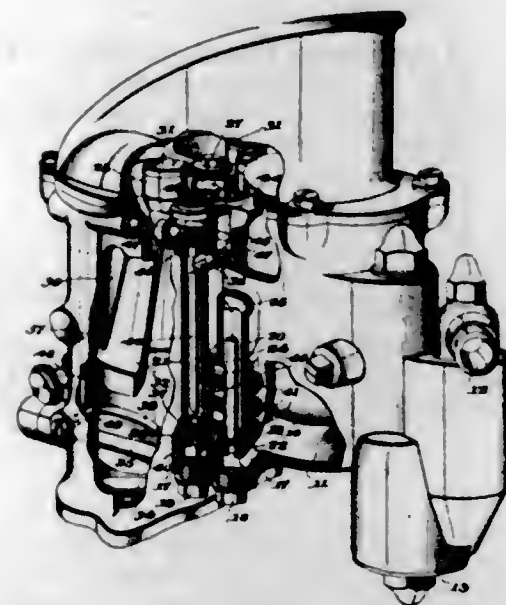
1. A therapeutic chair of the class described, including a chair frame, a back frame, a screw shaft extending longitudinally of the back frame, a slidable member provided with a nut engaged by the screw whereby the slidable member is moved along the screw whereby the latter is rotated, kneading mechanism carried by the slidable member and means for operating the screw and the kneading mechanism.

1,645,340. REMOVABLE LOCKING DENTAL BRIDGEWORK. ARLINGTON MOORE, Worcester, Mass., assignor to Moore Inventions Corporation, Worcester, Mass., a Corporation of Massachusetts. Filed July 2, 1923. Serial No. 649,038. 3 Claims. (Cl. 32-12.)



1. In dental bridgework a socketed anchor member, a holding member adapted to be inserted in the socket of the anchor member, and interlocking means outside of the socket in the anchor member for detachably locking said members together, said means comprising a knob on the holding means adapted to engage in a face recess provided in the anchor member.

1,645,341. CARBURETOR. ALFRED MOORHOUSE, Detroit, Mich., assignor to Packard Motor Car Company, Detroit, Mich., a Corporation of Michigan. Filed Apr. 30, 1919. Serial No. 293,628. 13 Claims. (Cl. 261-41.)

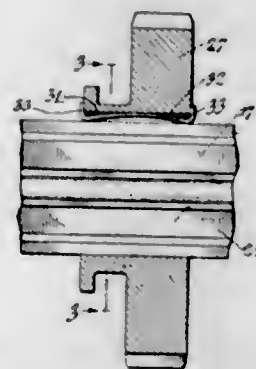


5. In a carburetor, means providing a down draft air passage, a venturi positioned therein, an updraft passage, means to form an emulsion of fuel and air in said up draft passage, and means including a second venturi to discharge the emulsion into the down draft passage.

11. In a carburetor, a float chamber, a gasoline passage leading from the bottom of the float chamber upwardly, a down draft venturi, said passage leading to the venturi near the upper end thereof and means to admit air to said passage between said chamber and said venturi.

12. In a carburetor, the combination of a float chamber, a drainage chamber adjacent to said float chamber, a fuel well supplied by said float chamber, a carbureting chamber, means providing a passage leading from said fuel well to said carbureting chamber, and means providing a valved opening between said drainage chamber and said passage.

1,645,342. MOTOR VEHICLE. ALFRED MOORHOUSE, Detroit, Mich., assignor to Packard Motor Car Company, Detroit, Mich., a Corporation of Michigan. Filed Oct. 9, 1925. Serial No. 61,612. 8 Claims. (Cl. 74-58.)

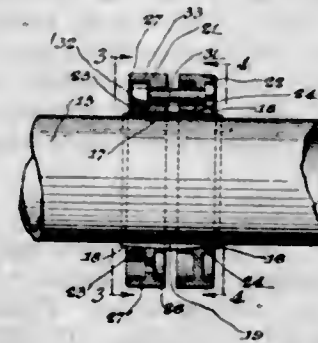


1. In a motor vehicle, the combination of a shaft, a gear thereon, and a spring between the shaft and the bore of the gear, for preventing rattle of the gear on the shaft.

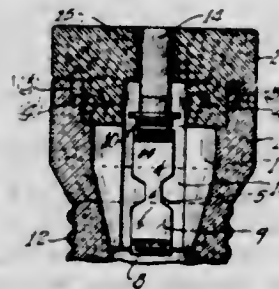
1,645,343. MOTOR VEHICLE. ALFRED MOORHOUSE, Detroit, Mich., assignor to Packard Motor Car Company, Detroit, Mich., a Corporation of Michigan. Filed Oct. 26, 1925. Serial No. 64,709. 7 Claims. (Cl. 74-6.)

5. The combination with a propeller shaft for motor vehicles of a balancing device comprising associated rings

each having a geometric axis coinciding with the axis of the shaft and a center of gravity displaced from said axis, adjustable means to maintain a predetermined angular relation between said rings, and wedge means cooperating with the first named means to rigidly secure the device to the shaft.



1,645,344. ELECTRICAL FUSE. GERALD C. O'BRIEN, St. Louis, Mo. Filed July 3, 1925. Serial No. 41,322. 1 Claim. (Cl. 200-121.)

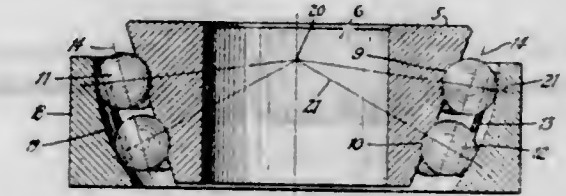


An electric fuse of the class described, comprising a hollow shell of non-conducting material, closed at one end and screw-threaded adapting it to fit a screw-threaded socket, an electric conductor rigidly affixed in the geometric center of said closed end of said shell adapted to make an electric contact at one end with a source of current leading into said socket when said screw-threaded shell is screwed into said socket, the opposite end of said electric conductor terminating within said hollow shell adjacent to the bottom of said hollow shell, an upwardly curved spring rigidly held at one end by said electric conductor and having its upwardly turned end free adapted to contact with and transmit current to a metal strip rigidly attached to a downwardly projecting portion of a cap enclosing the open end of said hollow shell, a fusible metal conductor detachably affixed at its lower end to said metal strip and detachably affixed at its upper end to a spring attached to the upper portion of said enclosing cap, said spring being also attached to a downwardly projecting spring adapted to contact with a grounded conductor whereby when said fuse is burned out it may be readily replaced by removing said enclosing cap without removing the body of said hollow shell.

1,645,345. BALL BEARING. BERNARD OKNER, Chicago, Ill. Continuation in part of application Serial No. 547,879, filed Mar. 29, 1922. This application filed Dec. 9, 1926. Serial No. 153,572. 5 Claims. (Cl. 308-194.)

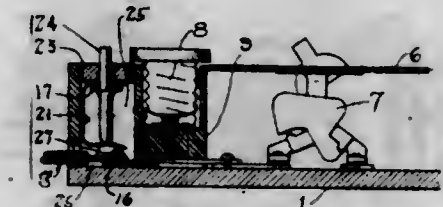
1. In a self-aligning ball bearing, the combination of an inner bearing member and an outer bearing member, said inner bearing member being of conical form and having two spaced annular grooves formed therein, a large diameter ball-set in one of said grooves, a small diameter ball-set in the other of said grooves, a ball carrying frame spacing both series of balls, and a spherical surface in said outer bearing member on which both of said ball-sets roll, each of said ball-sets having radial and thrust load carrying contact with said spherical surface, said spheri-

cal surface being struck from a center disposed outwardly of the diametrical plane of said large ball-set in the direction of the larger end of the inner conical bearing



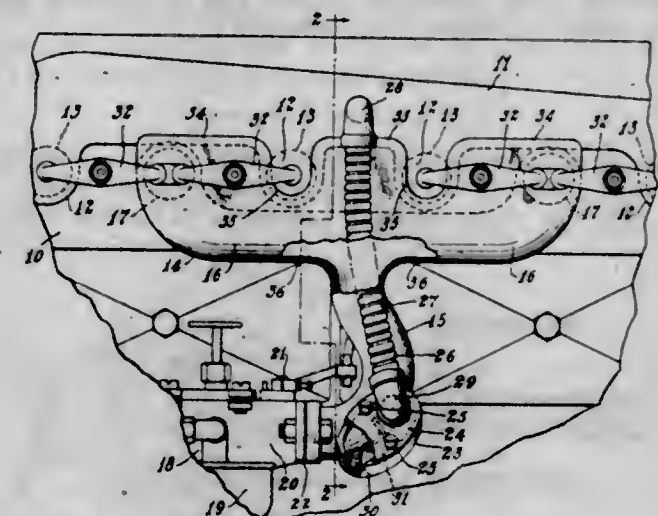
member and in the axis of rotation of the bearing whereby each of said ball-sets will maintain its combined radial and thrust load carrying characteristics when said bearing members are angularly displaced.

1,645,346. MEANS FOR TESTING FUSES. SILVIAN PALMER, Flushing, N. Y. Filed Aug. 3, 1926. Serial No. 126,794. 2 Claims. (Cl. 175-183.)



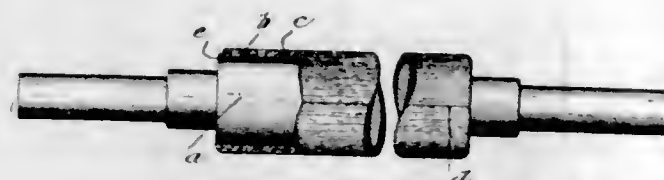
1. A device for testing fuses, included in electric circuits, said device embodying a shunt circuit normally open, an indicating device in said shunt circuit, a series of spring contacts normally out of engagement with the leads of said fuses, a conductor rod electrically connected to said contacts and a plurality of push rods having their inner ends engaging said contacts and being manually depressible to close individual shunt circuits.

1,645,347. INLET MANIFOLD FOR INTERNAL-COMBUSTION MOTORS. ROBERT M. PIERSON, Akron, Ohio, assignor to Packard Motor Car Company, Detroit, Mich., a Corporation of Michigan. Filed Sept. 14, 1921. Serial No. 500,672. 13 Claims. (Cl. 123-122.)



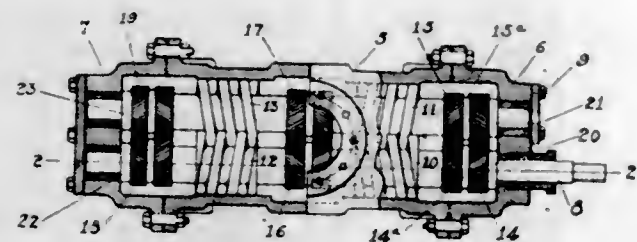
1. The combination of an internal-combustion motor, a liquid-fuel carburetor, an inlet passage having a turn, and a film-breaking air-bleeder orifice at the lower side of said turn, said orifice being permanently open to the atmosphere.

1,645,348. TEXTILE ROLL. JAMES H. PULLMAN, Fall River, Mass. Filed Mar. 31, 1926. Serial No. 98,640. 4 Claims. (Cl. 19—143.)



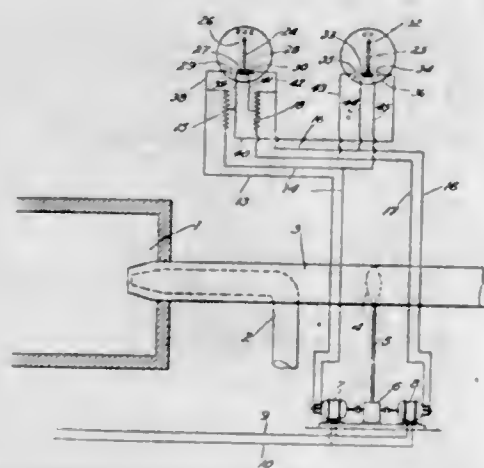
1. A textile roll having a resilient covering consisting of composition cork composed of thin cork shavings bonded together, said shavings lying in planes extending substantially radially of the roll and having dimensions causing them to extend at least partially through the resilient covering.

1,645,349. SCREW PUMP. GILBERT RATHMAN, Newark, N. J., assignor to William E. Quimby, Inc., New York, N. Y., a Corporation of New York. Filed Oct. 10, 1924. Serial No. 742,779. 4 Claims. (Cl. 103—128.)



1. In a screw pump of the type described, a casing comprising a shell with detachable heads adapted as usual to receive two pairs of intermeshing right and left screws and providing the usual suction and discharge openings, two parallel shafts each carrying one of each pair of screws which are journaled one in outwardly closed bearings in the two heads and the other in an outwardly closed bearing in one and in a stuffing box bearing in the other head, and one or more pairs of intermeshing V-toothed gears provided with central annular gutters which are fixed upon and gear together the two shafts within the casing adjoining the ends of the screws.

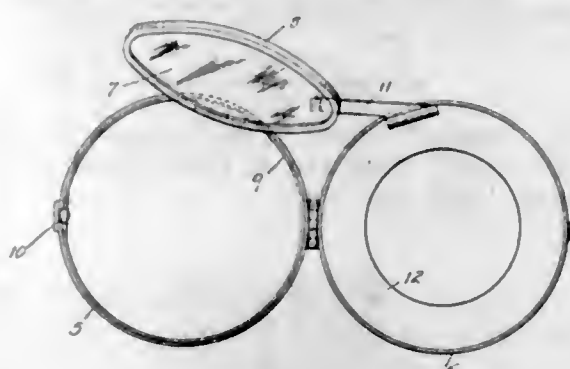
1,645,350. APPARATUS FOR REGULATING AIR SUPPLY. JOSEF HEINZ REINEKE, Bochum, Germany. Filed Mar. 23, 1926. Serial No. 96,825, and in Germany Apr. 11, 1925. 2 Claims. (Cl. 236—15.)



1. An apparatus for regulating the air supply to a burner comprising in combination with a burner and means for supplying air thereto, a flow-controlling device

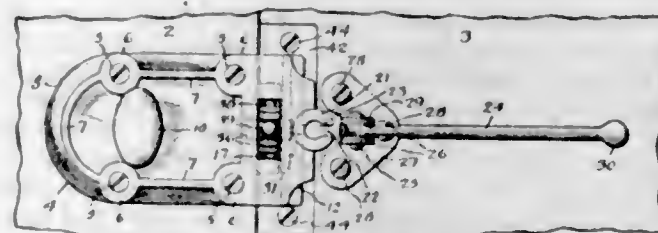
in said air supply means, regulating means operatively connected to said flow-controlling device to operate the same, means for measuring both the carbon dioxide and carbon monoxide content of the combustion gases produced by said burner, and means associated with said measuring means and adapted to so control the operation of said regulating means as to maintain such an air supply to the burner as to provide a maximum carbon dioxide content and a minimum carbon monoxide content in said combustion gases.

1,645,351. VANITY BOX. JULIUS ROSS and EMIL A. SCHUELKE, Meriden, Conn., assignors to The Napier Co., Meriden, Conn., a Corporation. Filed June 13, 1927. Serial No. 198,327. 2 Claims. (Cl. 132—83.)



1. The combination with a box, of a cover hinged thereto, a spring mounted in the box, a ring mounted in the cover, a plate hinged to the spring, a strip hinged to the plate and to the said ring, whereby, when the box is opened, the plate is lifted to clear both the box and cover.

1,645,352. DOOR FASTENING. HOVAGIM SAKALIAN, New York, N. Y. Filed Feb. 6, 1926. Serial No. 86,406. 9 Claims. (Cl. 292—262.)

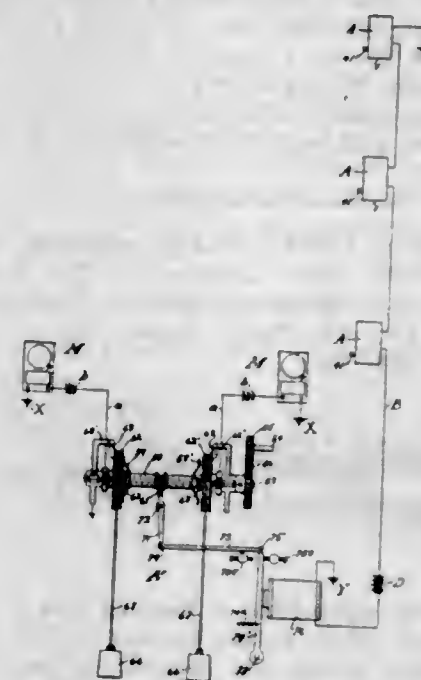


1. The combination in and with a main door fastening having a casing designed to be applied to the inner face of a door and formed with an integral extension spaced from and in line with the body of the casing to overlap the door-frame, with a bolt in the casing adapted to be projected across from the body of the casing into said extension through a bolt-keeper projecting from the door-jamb and intervening between the body of the casing and said extension, of a projection formed with said extension, and a swinging shackle arm pivotally mounted on the door-jamb, said projection and arm formed for sliding interengagement to the extent limited by the arm and for engagement and disengagement of the arm with the projection when the door is in closed position.

1,645,353. SIGNAL SYSTEM. EDGAR E. SALISBURY, Chicago, Ill. Filed Jan. 24, 1925. Serial No. 4,547. 15 Claims. (Cl. 161—20.)

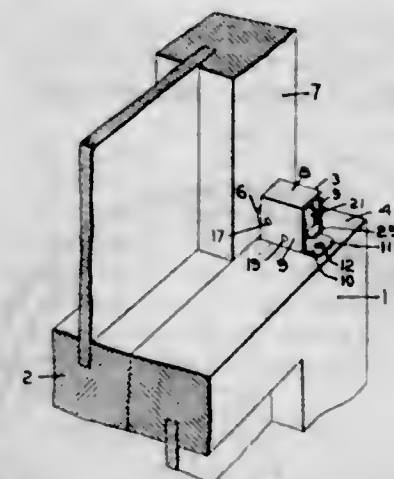
4. In an electrical circuit, the combination of a plurality of patrol boxes and a signal mechanism, said boxes

comprising means including discs having pins therein for setting the same for operation within different pre-



determined times and the said mechanism comprising means for rendering the same inoperative when the said boxes are operated on time.

1,645,354. WINDOW CATCH. HARRY SEBELL, Boston, Mass., assignor to Louis F. Buff, Boston, Mass. Filed July 17, 1926. Serial No. 123,078. 1 Claim. (Cl. 292—226.)



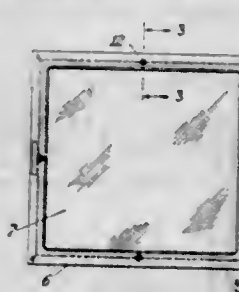
In a window catch, the combination with upper and lower sashes, of a housing resting on the top edge of the upper sash and having a depending flange confined between the sashes, a fastening means extending through said flange into the lower sash, an eccentrically-pivoted cylindrical latching member situated within the housing, said latching member having a projection extending from each end, a spring acting on said member and yieldingly holding it against the upper sash, a forked releasing member pivoted in the housing and embracing the latching member, the arms of said releasing member engaging said projections, said releasing member having a thumb piece extending through the open end of the housing, whereby when the thumb piece is depressed the releasable member is rocked and the latching member released from its engagement with the upper sash.

1,645,355. MOTOR VEHICLE AND WINDOW THEREFOR. JAMES HERVEY SHERTS, Newark, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a Corporation of Delaware. Filed May 27, 1925. Serial No. 33,083. 2 Claims. (Cl. 206—84.)

1. In a passenger vehicle body having a permanent window in such position that it may be struck by a passen-

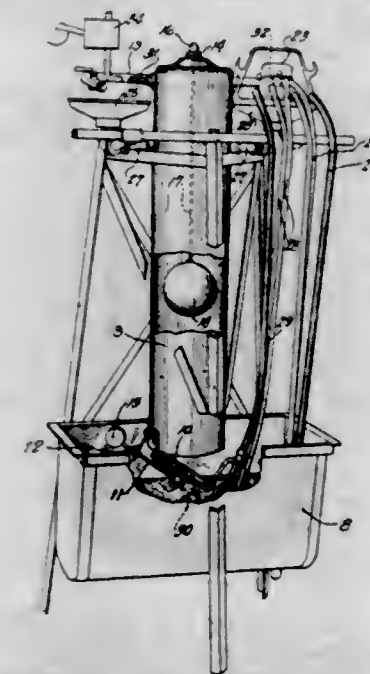
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ger upon sudden slowing of the vehicle, a thick cellulosic plastic pane loosely mounted in the rigid frame of said



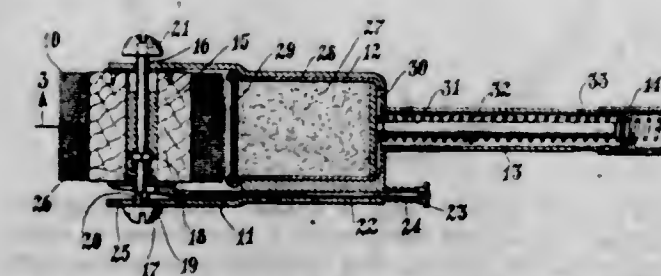
window and resiliently yieldable under impact, whereby the passenger will be protected from injury due to striking the pane.

1,645,356. DAIRY-EQUIPMENT CLEANER. ENGLEBERT SHURTS, Waukesha, Wis., assignor to The Universal Milking Machine Co., Waukesha, Wis., a Corporation of Wisconsin. Filed June 21, 1926. Serial No. 117,437. 5 Claims. (Cl. 141—1.)



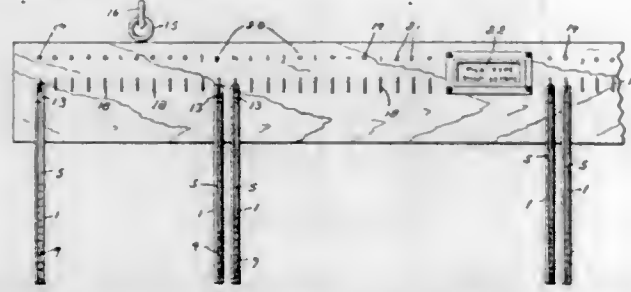
1. A cleaning device comprising a tub, a tank communicating therewith and having a vacuum controlled valve, a support for the pulsator unit of a milking machine communicating with the tank whereby the tubes may be immersed in said tub, means for establishing a vacuum within said tank whereby fluid is drawn from said tub through the tubes, pulsator unit and into the tank, and means controlled by the fluid rising in said tank for overcoming said vacuum to open the tank valve and discharge the tank contents into the tub.

1,645,357. HAND POLISHING MACHINE FOR SHOES. JOSEPH SKRZECZKOWSKI, Yonkers, N. Y. Filed Jan. 22, 1926. Serial No. 83,000. Renewed Aug. 30, 1927. 3 Claims. (Cl. 15—137.)



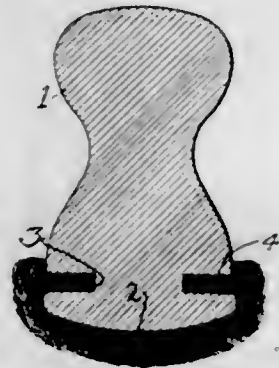
1. A shoe brush comprising a rotatably mounted cylindrical brushing member, a polish dispenser adjacent said brushing member, adapted to eject polish upon said brushing member, and means for locking said brushing member against rotation in predetermined position.

1,645,358. TYPE HANGER. ROSA C. SMITH, Milwaukee, Wis. Filed June 4, 1926. Serial No. 113,783. 6 Claims. (Cl. 276-44.)



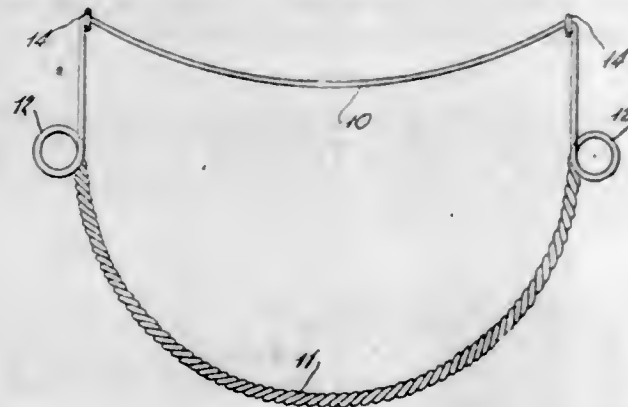
1. The combination with a supporting member, of a plurality of rods supported by said member in spaced relation to each other and each designated by a single character, said characters being arranged in sequence, and tubes each having a slot at one end receiving one of said rods, said tubes each containing a plurality of like character type individually removable from said tubes, the rods supporting said tubes each being designated by a character similar to the character type in the tube supported by said rod.

1,645,359. SCOURING DEVICE. NATHAN I. STARK, Philadelphia, Pa. Filed Oct. 2, 1926. Serial No. 139,162. 1 Claim. (Cl. 15-210.)



A holder for steel wool comprising a handle-grip terminating in a working face and having in its side adjacent said face a continuous encircling recess of a width and depth adapted to receive the compacted periphery of a steel wool pad for frictionally retaining the pad in position overlying said working face.

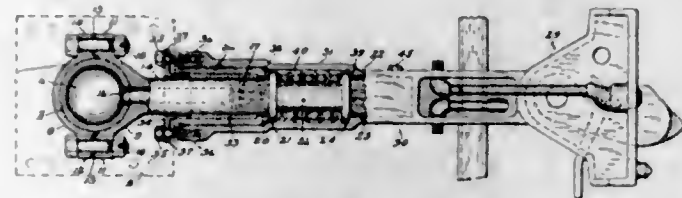
1,645,360. FRUIT-PICKER'S BAG. CLARENCE T. TAYLOR, Arlington, Kans. Filed Oct. 19, 1926. Serial No. 142,713. 3 Claims. (Cl. 150-2.)



1. In a fruit picker's bag, a flexible tubular receptacle having open upper and lower ends, a wire frame to which the upper end is secured and comprising a horizontally disposed U-shaped front member having rearwardly extending legs and an arcuate rear member connecting the rear ends of the legs of the front member and forwardly bowed to fit the waist of a user, said forward frame member being provided with eyes adjacent the rear ends of its

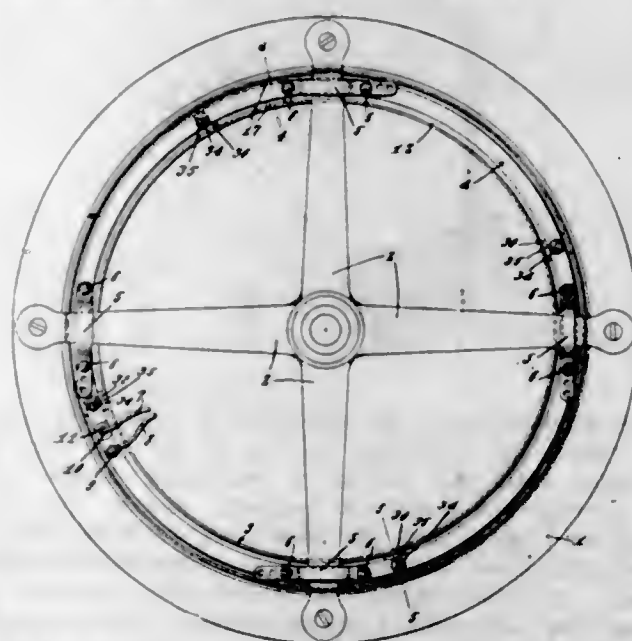
legs, the forward frame member forward of the eyes being formed of the end portions of the wire twisted together to stiffen this portion of the frame, supporting straps each having one end fixed to a side of the receptacle close below the rear ends of the U-shaped frame member, said straps having their free ends provided with a series of spaced holes, and hooks connected to said eyes for free movement and engageable selectively in the holes of said straps.

1,645,361. SPRING DRAFT GEAR. CHARLES H. TOMLINSON, Mansfield, Ohio, assignor to The Tomlinson Coupler Company, Mansfield, Ohio, a Corporation of Ohio. Filed May 13, 1925. Serial No. 29,953. 22 Claims. (Cl. 213-14.)



1. A draft gear comprising a housing and a stem in telescopic relation, means on the housing and on the stem engaging a spring within the housing to interlock the housing and the stem and yieldingly hold them in a predetermined relation, permitting longitudinal movement of the housing and stem in either direction and simultaneously compressing the spring, means to be secured to a car body and to the stem and permitting universal movement of the stem relative to the car body and a communicating passage through the stem from the last said means to the interior of the housing.

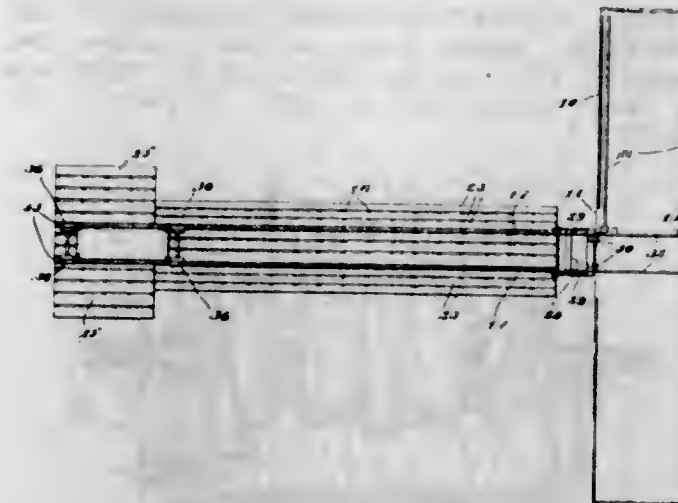
1,645,362. CIRCUIT-CLOSING DEVICE. GEORGE N. WAGNER, Los Angeles, Calif. Filed Feb. 16, 1926. Serial No. 88,622. 1 Claim. (Cl. 200-59.)



A circuit closing device for the purpose set forth adapted to be carried by the steering wheel of a motor vehicle, comprising a stationary lower annulus of conducting material in a normally open circuit, means for fixedly securing said annulus upon the spokes of the steering wheel, a bodily depressible, upper hollow annulus of concave cross section having its lower part opposing and spaced from the sides of the lower annulus, an insulated electrical conductor extending through the lower annulus and positioned within the upper annulus circumferentially thereof and further having one end thereof fixed to said upper annulus, spaced coupling blocks secured within the upper annulus and having a portion of the corresponding sides thereof cut away for the passage of said conductor, carriers of non-conducting material secured within the upper annulus, alternately disposed with respect to said

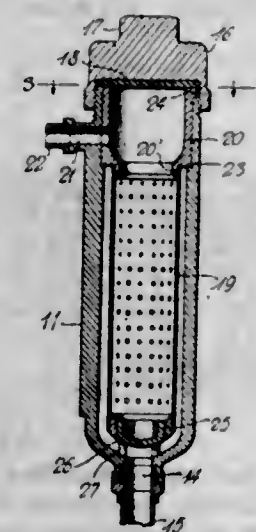
blocks and each having a centrally arranged, horizontally disposed opening for the passage of said conductor, contact members secured to and depending from said carrier, in electrical contact with said conductor and normally spaced from said lower annulus and contacting with the latter to close the circuit when the upper annulus is depressed, said coupling members secured to the blocks and slidably extending through the lower annulus, and coil springs surrounding said members and interposed between said annuli for maintaining the contacts normally spaced from the lower annulus.

1,645,363. APPARATUS FOR LOADING BRICK INTO BOX CARS. WILLIAM W. WALLACE, Chicago, Ill., assignor to New York Brick Handling Corporation, New York, N. Y., a Corporation of New York. Filed Mar. 28, 1925. Serial No. 19,152. 4 Claims. (Cl. 214-6.)



1. In an apparatus for loading brick into box cars, the combination of a track extending from a point without to the interior of the box car, but transversely thereof, temporary tracks extending lengthwise from the transverse tracks into the interior of the car, a transfer car movable on said transverse tracks, tracks mounted on the transfer car and extending transversely thereof, a loading car normally mounted on said transfer car and running on said transverse tracks, and a vertically movable basket carried by the loading car and means to deposit the same at any desired point within the box car.

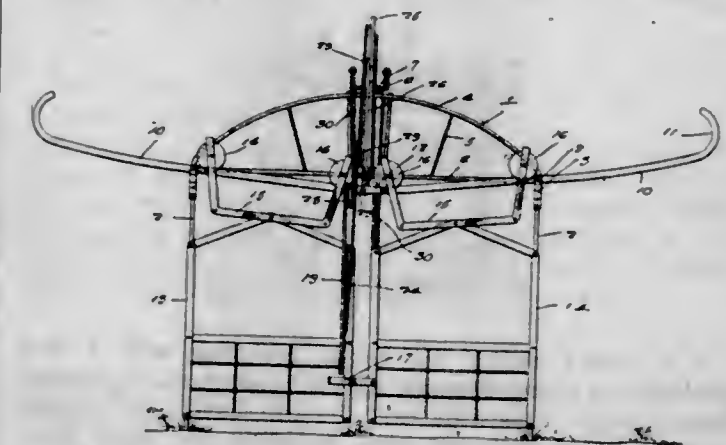
1,645,364. LIQUID STRAINER FOR ORCHARD SPRAYERS. LEVI W. WEAVER, Elmore, Ind. Filed Oct. 4, 1926. Serial No. 139,489. 8 Claims. (Cl. 210-164.)



1. A fluid strainer comprising a casing, a strainer element concentric with the casing, a cup closing one end of the strainer element said cup having projections spacing it

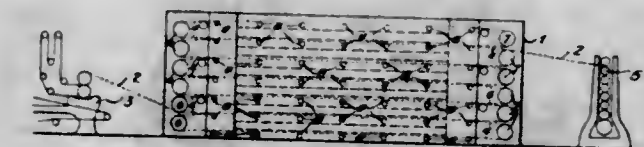
from an outlet at one end of the casing, and an inlet at the other end of the casing for admitting fluid to the casing.

1,645,365. GATE. EDWY E. WOLBERT, Concrete, Wash. Filed June 29, 1926. Serial No. 119,367. 4 Claims. (Cl. 39-66.)



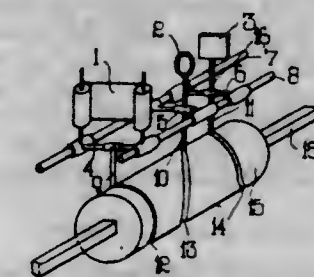
1. In a gate structure of the class described, a support, a pair of longitudinally bowed tracks pivotally mounted upon said support, links connecting the inner ends of the tracks together, a pair of gate sections, hangers pivotally connected to said gate sections, rollers carried by said hangers and mounted upon said tracks, a rocker mounted upon said supporting structure, a connection between said rocker and the inner end portions of the tracks for raising and lowering said inner end portions, a pair of operating levers, supporting means for said levers, and connections between said levers and said rocker.

1,645,366. METHOD OF DRYING MATERIAL. JOHN E. ALEXANDER, Port Edwards, Wis. Filed Nov. 28, 1924. Serial No. 752,574. 3 Claims. (Cl. 84-24.)



1. That method of drying comprising the application to material to be dried within a drying chamber of variable degrees of concentration of heat and at the same time maintaining a substantially uniform temperature of the superheated steam in the chamber surrounding the material.

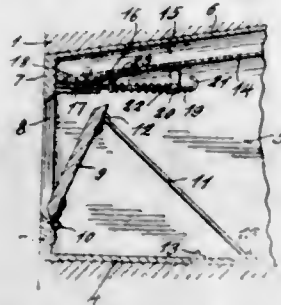
1,645,367. OPTICAL PROJECTION SYSTEM. JOHANNES ROBERT CARL AUGUST, London, England. Filed Apr. 6, 1926, Serial No. 100,114, and in Great Britain Dec. 4, 1925. 4 Claims. (Cl. 88-24.)



1. An optical projection system for the enlargement or reduction of images comprising an object carrier, a lens carrier, an image carrier, an element having three cam surfaces thereon, pins on said carriers engaging said cams,

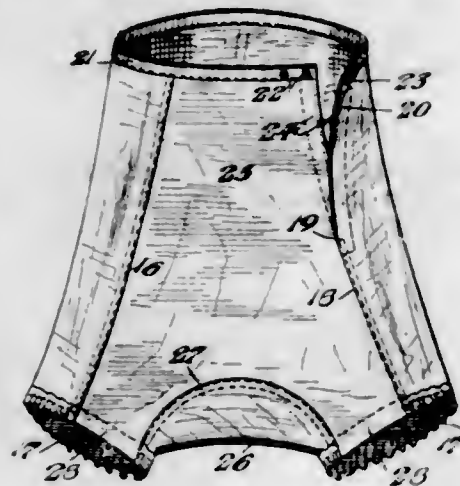
and means to displace the said element relatively to said pins whilst maintaining their mutual relationship according to the Newtonian law of conjugate foci.

1,645,368. PROTECTIVE DEVICE FOR VAULTS. JOSEPH J. BALKENBUSH, Fowler, Colo. Filed Nov. 26, 1926. Serial No. 150,902. 2 Claims. (Cl. 109—6.)



1. A safety device for vaults provided with a door opening and a door for said opening comprising a chamber built into the vault wall, said chamber having an opening communicating with the room in which the vault is located, means for closing said opening, a plurality of bombs in said chamber and means operable from the inside of the vault for releasing said bombs.

1,645,369. LADY'S AND CHILD'S BLOOMERS. EVA G. BIBERMAN, Philadelphia, Pa. Filed Aug. 16, 1927. Serial No. 213,250. 1 Claim. (Cl. 2—224.)

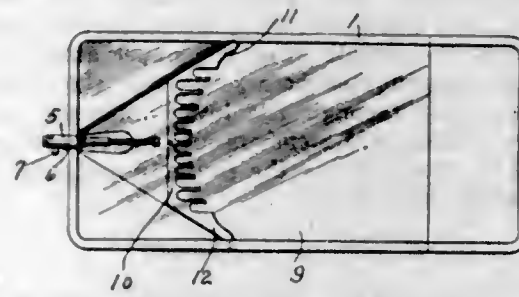


An undergarment of the character stated comprising a main body portion and a frontal portion, said garment being narrowed adjacent its top to snugly engage over the hips of the wearer and outwardly flared adjacent its bottom, said garment having an open top, a permanently closed rear portion and a closed bottom portion, the latter being provided with leg openings, the front of the garment being partially formed of folded-over portions of said main body portion, said main body portion being formed of a blank having greater transverse length than vertical height and being pointed at its opposed transverse ends, the blank sides converging to form said ends and meeting at an angle of substantially 90 degrees, the bottom of said main portion forming an outwardly curved edge connecting the lowest portions of said sides, a frontal piece having bifurcated parts, which frontal piece is extended from the waist line to the knee cuffs of the garment, the said main body portion being stitched to said frontal piece to provide front seams only.

1,645,370. AMUSEMENT DEVICE. WILLIAM EDWARD CALLISON, Tulsa, Okla. Filed July 12, 1927. Serial No. 205,158. 7 Claims. (Cl. 273—103.)

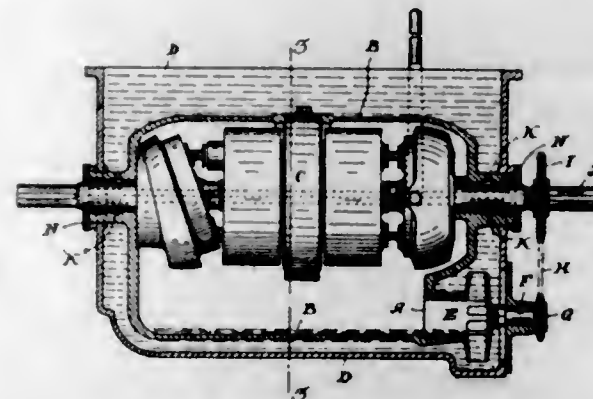
1. In an amusement device having a propelling device for balls, a target above the level of the propelling device and an inclined surface leading from the target

to the propelling device for returning the balls thereto, means between the target and the propelling device for



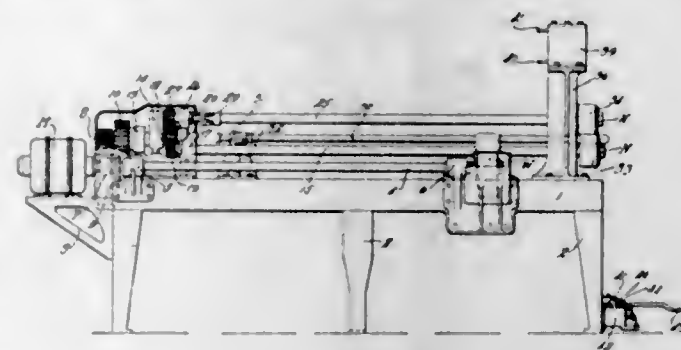
stopping the balls as they return from the target and means for lifting the stopping means to release the balls stopped by it.

1,645,371. HYDRAULIC-POWER-TRANSMISSION APPARATUS. ROBERT FALKLAND CAREY, Leigh-on-Sea, England. Filed Apr. 29, 1925, Serial No. 26,722, and in Great Britain May 8, 1924. 3 Claims. (Cl. 74—56.)



1. In hydraulic power transmission apparatus, an air tight casing enclosing the operative parts, a gravity fed pump connected to the casing below the operative parts therein and operative to withdraw air and liquid from the casing and thus maintain a vacuum in the casing during the operation of said operative parts, and a tank to receive the liquid withdrawn by said pump from the casing when the vacuum is produced in the latter.

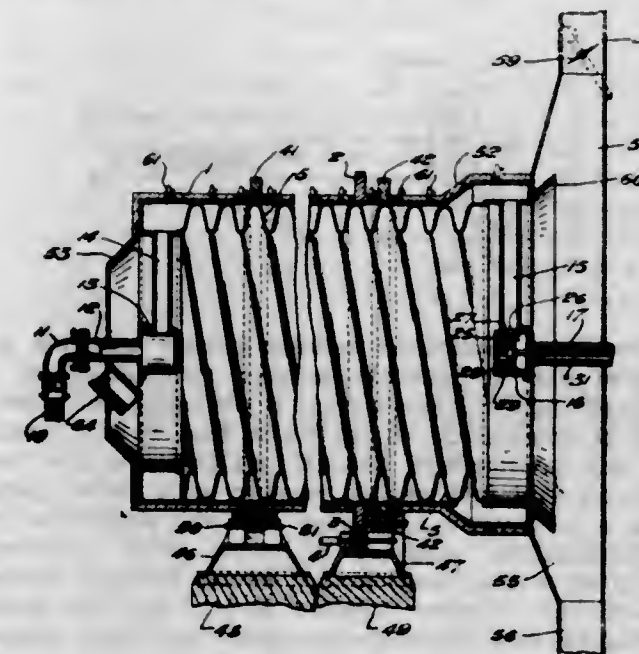
1,645,372. METAL-WORKING APPARATUS. JAMES T. COOK, Jr., West Springfield, JOSEPH W. MURPHY, Springfield, and THADDEUS J. BRUSNICKI and HARLAN C. GOLDSMITH, West Springfield, Mass. Filed Jan. 15, 1926. Serial No. 81,558. 5 Claims. (Cl. 80—13.)



5. A machine of the class described comprising in combination, a bed, driving mechanism at its rear end and a supporting guide at the forward end thereof, work supporting shafts driven from and extending forwardly of said mechanism having their forward ends rotatably carried in said supporting guide, a mandrel having its rear end slidable and rotatable in a member pivoted on

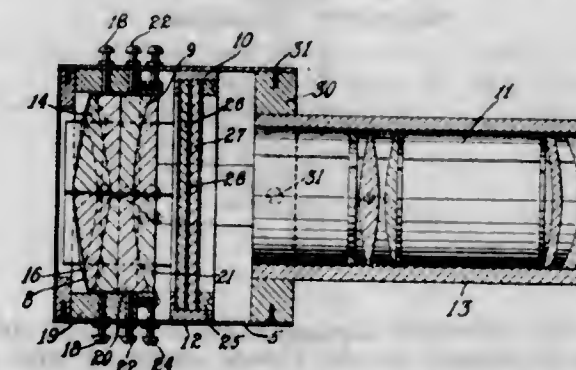
said bed adjacent said mechanism whereby a tube carried thereby may be moved towards and away from said shafts and longitudinally with respect to said shafts, a bearing member carried by said support that is reciprocable towards and away from the axis of said supporting shafts, a tool shaft driven from and extending forwardly of said mechanism having its forward end rotatable in said bearing member, a universal joint intermediate the ends of said tool shaft to permit the forward end of said shaft to be moved with said bearing and a piston reciprocable in a cylinder carried by said support for moving said bearing and shaft whereby a tool carried thereby may be brought into engagement with a tube carried on the mandrel and supported by the supporting shafts.

1,645,373. ROTARY DRIER. DAVID H. COUCH, Warwick, R. I. Filed Mar. 25, 1926. Serial No. 97,316. 9 Claims. (Cl. 34—5.)



1. A rotary drier including outer and inner shells, the inner shell having a plurality of internal and external spiral corrugations, said inner and outer shells forming between them a plurality of spiral passages for the flow of heating fluid and the internal corrugations of the inner shell serving to move material lengthwise thereof, said inner shell having at one end an inlet for the material to be treated and at its opposite end an outlet for said material.

1,645,374. OPTICAL ATTACHMENT. HAROLD N. COX, Glen Ridge, N. J., assignor to Cox Multi-Color Photo Company, a Corporation of Delaware. Filed Oct. 10, 1925. Serial No. 61,698. 5 Claims. (Cl. 88—1.)



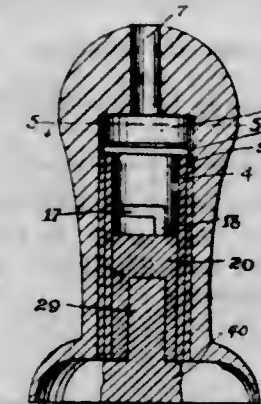
4. A unitary attachment for an optical device comprising a holder, an image-forming lens at one end thereof, four prisms of quadrant shape disposed at the front principal focus of the lens in the holder, quadrant-shaped lenses in the holder between the image-forming

lenses and the prisms, the said quadrant-shaped lenses being adjustable, whereby four correctly positioned images may be formed, and partitions for precluding the overlapping of the images formed by the prisms.

1,645,375. MANUFACTURE OF TETRA-ETHYL LEAD. HERBERT W. DAUDT, Penns Grove, ALFRED E. PARMELEE, Carneys Point, and WILLIAM S. CALCOTT, Penns Grove, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del., a Corporation of Delaware. Filed Nov. 2, 1925. Serial No. 66,392. 15 Claims. (Cl. 260—11.)

1. In the manufacture of tetra-ethyl lead by the interaction of ethyl chloride and mono-sodium-lead, the improvement which comprises adding to the reaction mass, subsequently to the completion of the reaction, a dispersing substance adapted to form a water insoluble film on the surface of the particles of said mass.

1,645,376. HANDLE FOR UMBRELLAS. JOHN M. DELLINGER, Lancaster, Pa. Filed Nov. 17, 1926. Serial No. 148,838. 2 Claims. (Cl. 135—44.)



1. In an umbrella having a handle and tip cup permanently secured to each other, and movable toward and away from the frame, and thereby engaging and disengaging the rib tips of the frame from the tip cup, the said handle having a longitudinal socket therein, a sleeve immovably secured in the interior of this socket, in combination with a sleeve secured immovably to the shank of the umbrella, and telescoping in the sleeve immovably secured to the handle, one of the said sleeves being provided with intersecting horizontal and vertical guides, and the other of said sleeves being provided with a stud moving in said guides and said sleeves being also provided with catches engaging with each other when the said stud is in the horizontal guide away from its intersection with the said vertical guide and a cord securely anchored to said sleeve secured to said shank, the said handle having a slot extending from the inner end of said socket to the top of said handle of sufficient diameter to permit the cord to pass freely through it, through which said cord passes.

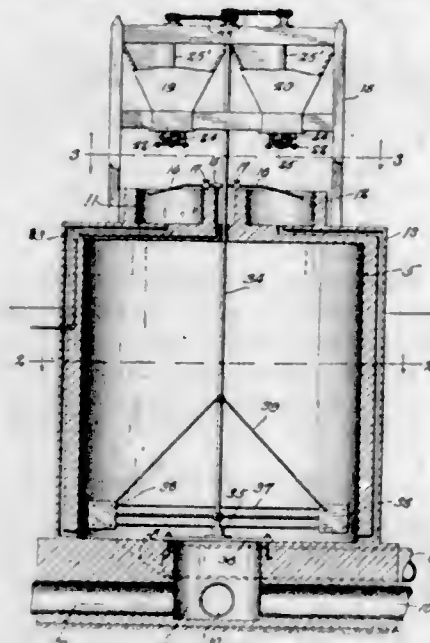
1,645,377. OIL HARDENING WITH NICKEL AND COPPER FORMATES. CARLETON ELLIS, Montclair, N. J. Filed Feb. 1, 1924. Serial No. 690,047. 3 Claims. (Cl. 87—12.)

1. A composition intended for catalytic purposes comprising nickel and copper formates, the proportion of the copper being between 10 and 20 per cent of the amount of nickel present.

1,645,378. MINERAL MACHINE. JOHN BROWN FENDER, Kaufman, Tex. Filed Dec. 13, 1926. Serial No. 154,519. 5 Claims. (Cl. 210—23.)

1. An apparatus of the class described embodying a main mixing tank, agitating members in the main mixing tank, hoppers above the tank, agitators operating within

the hoppers, auxiliary tanks above the first mentioned tank and in communication therewith, means controlled by the movement of the first mentioned agitating members for operating the agitating members in the hoppers



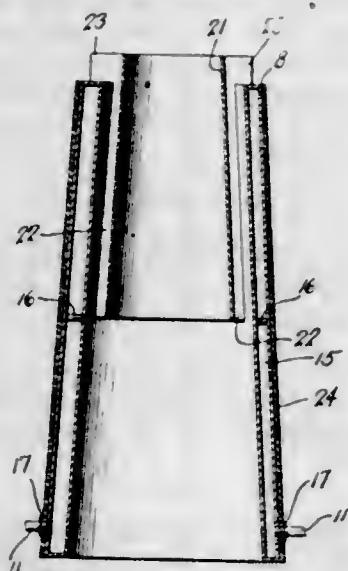
to deliver material into the auxiliary tanks, means for directing water into the main mixing tank to operate the agitators, and means for directing material from the main mixing tank.

1,645,379. WATERPROOF CAP AND FUSE. JOSEPH B. FLETCHER, Prescott, and ORIN S. CULVER, Blue Bell Siding, Ariz. Filed Nov. 25, 1925. Serial No. 71,371. 5 Claims. (Cl. 102-9.)



1. A waterproof cap and fuse comprising, a cap and fuse connected together and having a covering at, and extending in both directions beyond, the cap and fuse connection, said covering comprising a closely adhering coating of rubber cement, and a substantial length of said covering being free to be given an abrupt bend.

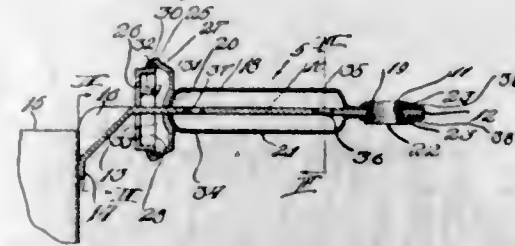
1,645,380. INCUBATOR HEATING SYSTEM. EARL HANEY, Macomb, Ill. Filed May 6, 1926. Serial No. 107,215. 1 Claim. (Cl. 122-156.)



In an incubator heating system, a water heater consisting of a conically shaped body including outer and inner walls between which a water compartment is pro-

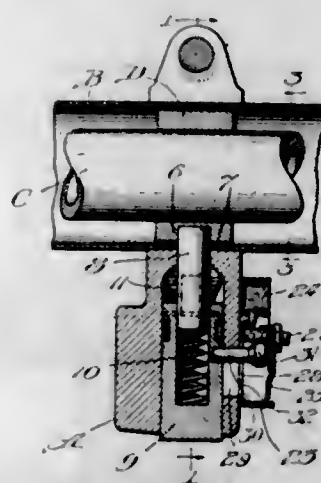
vided, the spacing between said walls being very narrow so that only a very small volume of water is carried in the heater, a heating element extending upwardly into the central passage of the heater from the bottom thereof, an exhaust flue depending into the central passage of the heater from the top thereof and consisting of a conically shaped tubular member having on its exterior a plurality of laterally spaced longitudinal ribs the upper terminals of which are enlarged to provide abutments adapted to rest upon the top of the heater, and a damper superimposed on the top of the said flue and abutments for closing the central passage of the flue, said damper being movable to uncover the said central passage.

1,645,381. HANDLE. WILLIAM A. HASTINGS, La Grange, Ill., assignor to Aluminum Products Company, La Grange, Ill., a Corporation of Illinois. Filed Nov. 6, 1926. Serial No. 146,594. 1 Claim. (Cl. 16-116.)



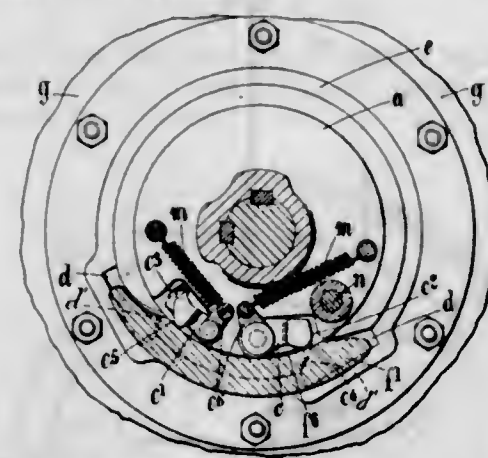
A ventilated handle for cooking utensils including an elongated flat intermediate member terminating in a reinforced angular inner end and a perforated outer end; a pair of transversely curved plates fixed to and spaced from said intermediate member, one overlying and one underlying said intermediate member, each curved plate having a perforation registering with the perforation in the intermediate member; a hollow rivet extending through all said perforations and having terminal flanges to hold said members together and a disk-like guard surrounding said intermediate member and fixed thereto and engaging said curved members to hold the latter fixed in place.

1,645,382. AUTOMOBILE LOCK. ORVILLE S. HERSEY, Chicago, Ill., assignor to Hershey Manufacturing Company, Chicago, Ill., a Corporation of Colorado. Filed May 4, 1925. Serial No. 27,661. 21 Claims. (Cl. 200-55.)



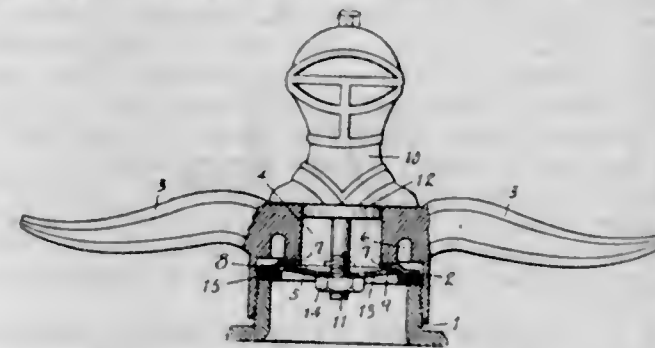
1. In an automobile having a motor ignition circuit with an interposed switch, a lock associated with the switch and including a bolt having a two-way movement one of which is reciprocal only, a part of the switch being connected with the bolt and adapted to break the circuit when the bolt is reciprocated to locking position, and also to break the circuit when the bolt is non-reciprocatingly moved, substantially as described.

1,645,383. SAFETY CLUTCH USED IN PRESSES, MACHINERY, SHAFTING, AND THE LIKE. FRANK HUMPHRIS, Parkstone, England. Filed Nov. 8, 1926. Serial No. 147,151, and in Great Britain Oct. 21, 1925. 5 Claims. (Cl. 192-148.)



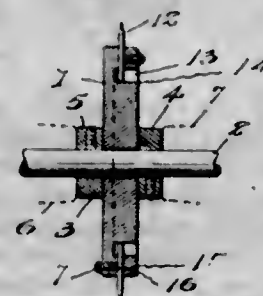
1. A safety clutch comprising driving and driven members, a pawl movable radially of said members and forming a driving connection therebetween, the driven member having an arresting stop, a sliding cam having a recess therein, means for moving the cam to a position in which the recess is in the path of the stop, said cam having a cam face along which said stop travels before entering said recess, and means for moving the cam to a position in which the recess is out of the path of the stop.

1,645,384. RADIATOR CAP. WILLIAM B. JARVIS, Grand Rapids, Mich. Filed Apr. 23, 1925. Serial No. 25,272. 10 Claims. (Cl. 220-24.)



1. In a cap, the combination of a chambered body member having an internal downwardly facing shoulder with radially disposed recesses therein, a top member shouldered to engage said body member and having a shank depending into said body member, an annular spring thrust member having inwardly projecting upwardly offset fingers disposed in said recesses in said shoulder, a clamping disc arranged on said shank to engage said thrust member fingers, and a clamping nut threaded upon said shank to clamp said clamping disc.

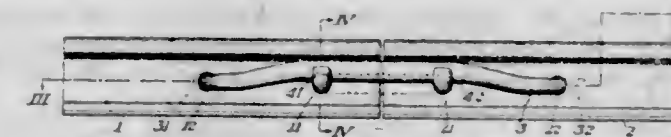
1,645,385. PERFORATING WHEEL. MORRIS L. KAPLAN, Hazleton, Pa. Filed Aug. 3, 1926. Serial No. 126,808. Renewed July 19, 1927. 2 Claims. (Cl. 164-123.)



1. A perforating wheel having an annular groove in one face forming a disk having an exterior bearing face

and provided with radially extending, peripheral sockets, pins in said sockets with their butt ends extending across said groove and engaging said bearing face, and means for retaining the pins in said wheel.

1,645,386. RAIL SPLICE. ANDREW S. KARR, Avalon, Pa. Filed May 13, 1927. Serial No. 190,994. 4 Claims. (Cl. 238-256.)



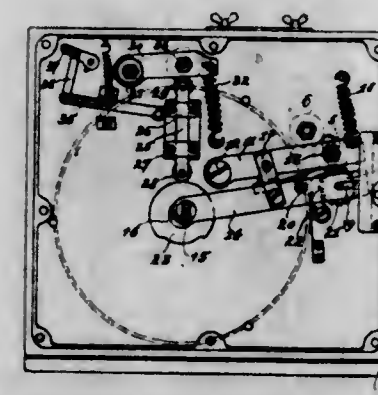
2. A splice for rails including a long strap and a short strap adapted to extend along opposite sides of two rails placed end to end and at their ends to penetrate orifices formed in the rails, the long strap being provided with means for locking it to place upon the rails and the short strap being provided with means for engaging the long strap when the latter is locked to place.

1,645,387. ELECTRIC SWITCH. ALDON M. KINNEY, Norwood, Ohio, assignor to The Bryant Electric Company, Bridgeport, Conn., a Corporation of Connecticut. Filed June 26, 1926. Serial No. 118,089. 16 Claims. (Cl. 200-67.)



1. In an electric switch, a spring-stressed operating lever and a spring-stressed circuit closer, and resilient abutment means common thereto for silencing the throw of each of said members.

1,645,388. LETTER-FRANKING MACHINE. RUDOLF MOHN, Sulgen, Switzerland, assignor to Willy Muller, Thal, Canton St. Gallen, Switzerland. Filed Mar. 3, 1926. Serial No. 92,078, and in Switzerland Dec. 15, 1925. 3 Claims. (Cl. 101-91.)



1. A letter franking machine comprising a casing, a rotatable shaft held in said casing, a drum mounted loosely on said shaft, stamps mounted in the circumference of said drum so that they can be radially extended, a crank handle hingedly secured to the shaft, means cooperating with said handle for extending any

particular stamp, means whereby the handle is coupled to the drum when a stamp is thus extended, means for inking the extended stamp, an impression roller arranged on the casing for cooperation with the extended stamp, means permitting the feeding of documents between the impression roller and the drum, and means controlled by said shaft for applying the impression roller to the drum as the extended stamp passes.

1,645,389. PRODUCTION OF A TETRA-ALKYL LEAD.

KENNETH P. MONROE, Penns Grove, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a Corporation of Delaware. Filed Oct. 23, 1922. Serial No. 596,514. 25 Claims. (Cl. 260—11.)

1. The process of producing a tetra-alkyl lead which comprises treating lead, mixed with an element capable of liberating hydrogen from water, with an alkyl halide in the presence of a catalyst of the type used for the Grignard synthesis, to form a lead-alkyl halide complex associated with said element, adding water in a diluted state to the reaction mass to react with said element and cause the reduction of said complex to a di-alkyl lead, and thermally decomposing the latter into tetra-alkyl lead.

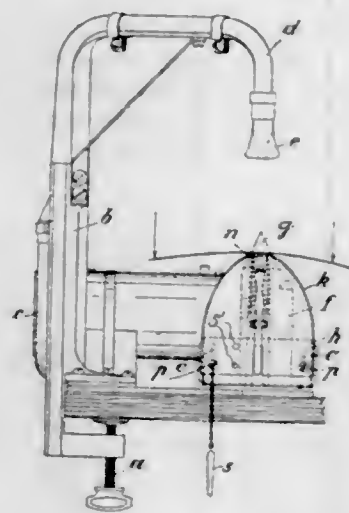
1,645,390. PROCESS OF MAKING TETRA-ALKYL LEAD.

KENNETH P. MONROE, Penns Grove, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a Corporation of Delaware. Filed Apr. 19, 1924. Serial No. 707,531. 13 Claims. (Cl. 260—11.)

1. The process of producing a tetra-alkyl lead from a lead alloy and an alkyl halide, which comprises treating one atomic proportion of lead, alloyed with not more than two atomic proportions of a monovalent element capable of liberating hydrogen from water, with an alkyl halide and water in conjunction with a substance capable of increasing the miscibility of said water in the liquid phase of the reaction mixture.

1,645,391. FUR TESTING AND CUTTING DEVICE.

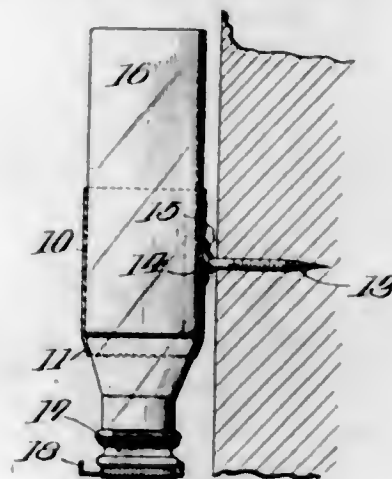
ERNST MÜLLER, Berlin, Germany. Filed Dec. 18, 1926. Serial No. 155,748. and in Germany Sept. 2, 1926. 4 Claims. (Cl. 149—24.)



1. A fur testing and cutting device of the character described comprising a bracket having two horizontally extending arms, a pointed knife supported in an upright position by a lower arm, an air nozzle held by the upper arm above the knife and directed towards the latter, a slotted fur support mounted resiliently on the lower arm so that it maintains the fur normally clear of the knife and so that it can yield under pressure to allow the knife to protrude through its slot, and a fan for supplying air to the nozzle.

1,645,392. HOLDER FOR CONTAINERS.

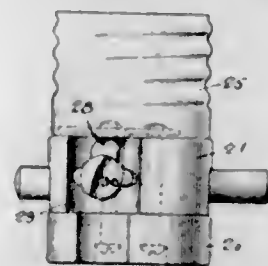
MARY B. NASH, Pasadena, Calif. Filed Aug. 15, 1924. Serial No. 732,236. 1 Claim. (Cl. 248—20.)



A holder for containers comprising an endless sheet metal band having its bottom edge turned inwardly at a slight angle to provide a container supporting flange, and a screw projecting outwardly from the exterior of said band, said screw being integrally united to said band.

1,645,393. ELECTRIC SWITCH.

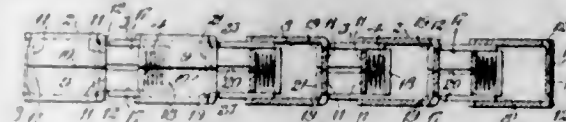
ARVID H. NERO, New Britain, Conn., assignor to The Arrow Electric Company, Hartford, Conn., a Corporation of Connecticut. Filed Nov. 15, 1923. Serial No. 674,923. 6 Claims. (Cl. 173—355.)



1. In an electric switch, a push bar having a rectilinear movement, an inflexible rocker pivoted on said push bar and bodily movable therewith, together with a spring having a sliding engagement with said rocker and operative to oscillate the latter with a snap action after a predetermined bodily movement of the rocker by the push bar.

1,645,394. FLEXIBLE AND EXPANSIBLE BRACELET AND THE LIKE.

ALMYR L. NEWMAN, Warwick, R. I., assignor, by mesne assignments, to A. L. Newman Company, Cranston, R. I., a Corporation of Rhode Island. Filed Sept. 27, 1924. Serial No. 740,348. 6 Claims. (Cl. 59—79.)

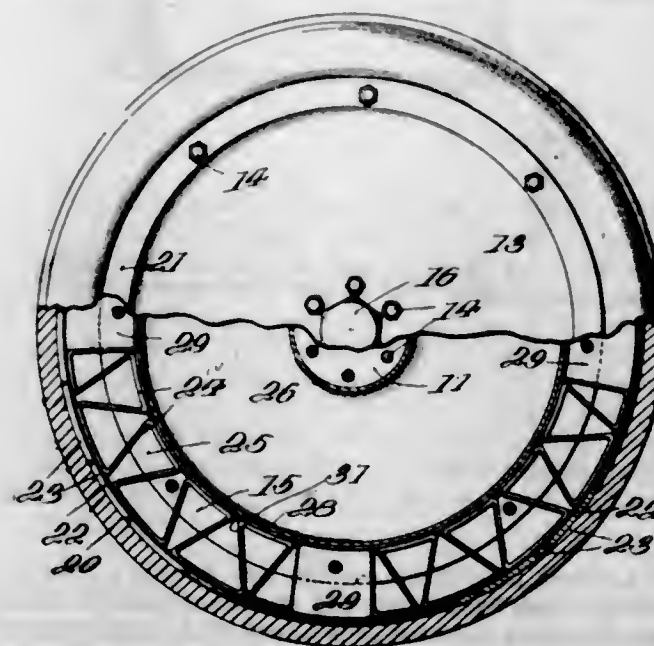


6. In a device of the type specified, the combination of box-shaped links folded from sheet-metal blanks with lugs bent upwardly from the bottom part way across their open ends and additional lugs bent inwardly from their sides at one end, bifurcated slide-links having bent down portions adapted to hook over the bottom lugs on the box-links with notches on their sides engaged by the side lugs thereof, said slide-links formed with bent down wings at their sides slidable through the openings between the bottom lugs and the sides of the adjacent box-link and also

formed with a bent down wing at the end, and springs arranged between the bottom lugs at one end of the box-links and the end wings of the slide-links to normally maintain the links in telescoped relation.

1,645,395. VEHICLE WHEEL.

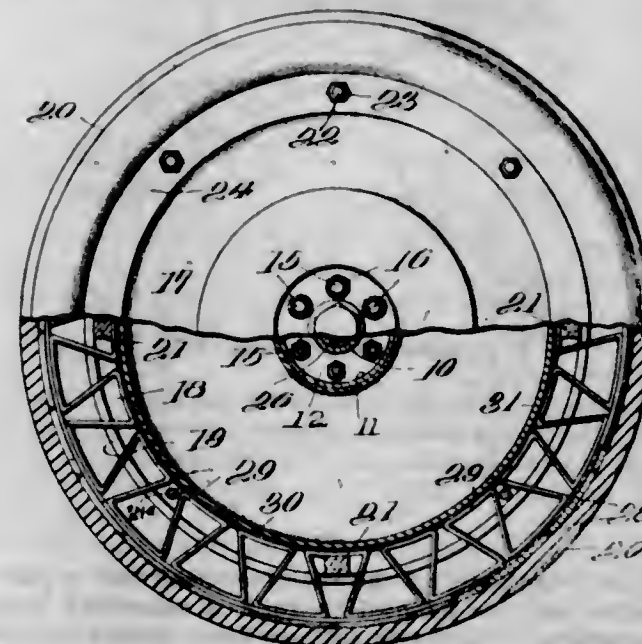
HENRY NICHOLS, New York, N. Y. Filed May 21, 1923. Serial No. 640,435. 9 Claims. (Cl. 152—29.)



3. A wheel of the character described comprising a main body member, a disk-like supplemental body member, means separately uniting said body members, a pneumatic cushion located between said body members, a tire shoe, means retaining the tire shoe in position, and a convolute equalizing member interposed between said cushion and said shoe and reacting against both, all of the convolutions of said equalizing member being of approximately triangular shape in side view and having bearing portions concentric with said pneumatic cushion, said convolute member being formed of separable sections, the extremities of said sections having anchoring portions.

1,645,396. VEHICLE WHEEL.

HENRY NICHOLS, New York, N. Y. Filed Aug. 2, 1924. Serial No. 729,720. 11 Claims. (Cl. 152—29.)

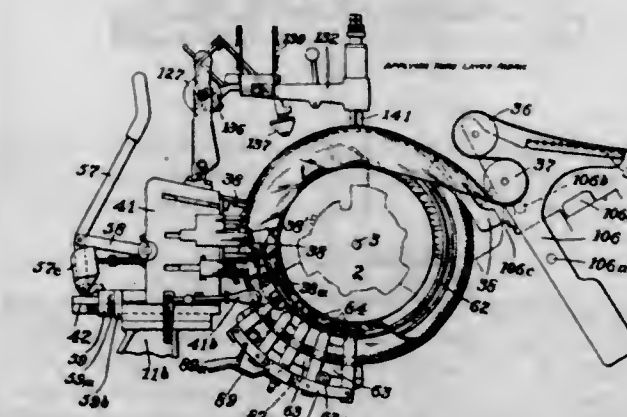


6. A wheel of the character described comprising a hub member, side plates secured thereto having inwardly offset portions forming seats and radially extended flanges.

a tire shoe having flanges engaging the peripheries of said plates at the intersection of said seats and flanges, spacer members engaging said seats and maintaining said side plates in spaced relation, a pneumatic cushion enclosed between said plates, equalizing means interposed between said tire shoe and said cushion and reacting against both, tire-shoe-retaining rings engaging said spacer members, and means cooperating with said members to retain said rings in place.

1,645,397. TIRE-BUILDING MACHINE.

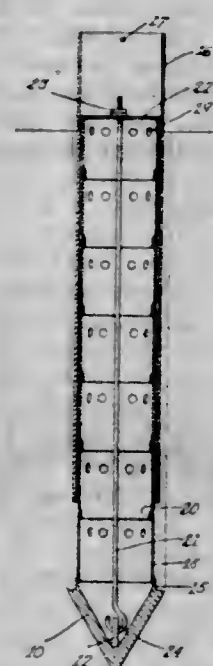
JOSEPH E. PEREAULT, Watertown, Mass., assignor to Hood Rubber Company, Watertown, Mass., a Corporation of Massachusetts. Filed Sept. 22, 1924. Serial No. 739,192. 18 Claims. (Cl. 154—10.)



1. In a tire building machine, the combination with a revolvable core and means for feeding covering strips thereto, of strip applying means comprising a plurality of reciprocating presser finger members, and a segment mounted to oscillate in a path concentric to the core, said segment carrying a plurality of pairs of cooperating rollers.

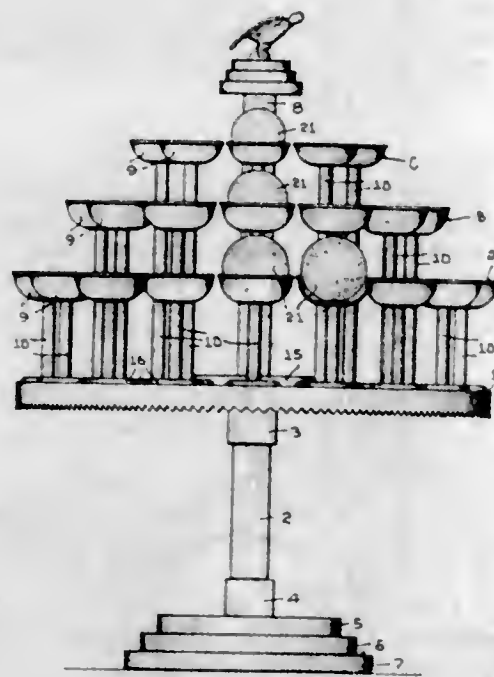
1,645,398. BUILDING PILE.

LEON PIERCE, New York, N. Y. Filed June 2, 1927. Serial No. 195,896. 4 Claims. (Cl. 61—57.)



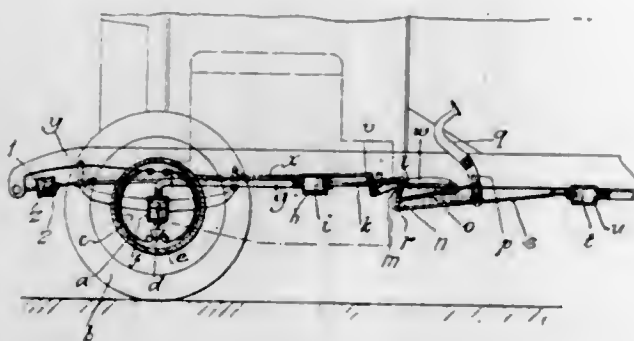
1. In a building pile, a conical hollow nose, an outer removable shell seated on said nose, sleeves in said shell slipping end to end one into the other, and means engaging said nose and the uppermost sleeve for securing the sleeves in place while extracting said shell.

1,645,399. DISPLAY STAND. JOHN B. PONTIKIS, Washington, D. C. Filed June 25, 1926. Serial No. 118,554. 1 Claim. (Cl. 211-24.)



An outdoor display stand adapted to compactly display fruit of varying sizes comprising in combination, a base member, a central stem attached to said base member, a platform mounted on the central stem, a central standard secured to said platform, receiving recesses in said platform for hollow cup-supports, the lower walls of the recesses being tapered, a series of parallel hollow metal cup-supports tapered at their lower ends whereby said supports are adapted to engage and to be held by frictional contact with the tapered walls of the receiving recesses; and a series of metal cups fastened to said cup-supports, said cup-supports and cups being disposed in step fashion and concentrically of the central standard.

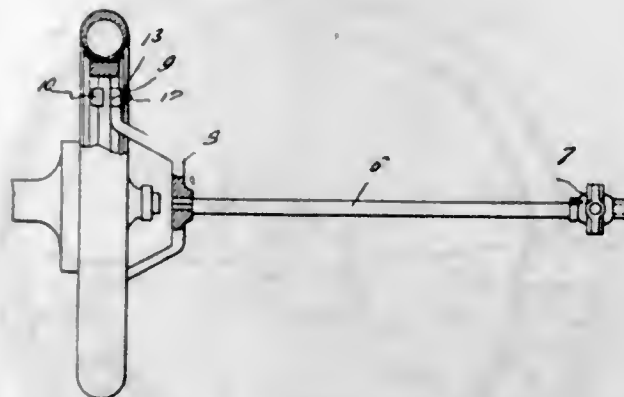
1,645,400. FLUID-PRESSURE BRAKE FOR POWER-DRIVEN ROAD VEHICLES. FERDINAND PORSCHE, Stuttgart-Unterturkheim, Germany, assignor, by mesne assignments, to Daimler-Benz Aktiengesellschaft, Berlin, Germany. Filed Jan. 16, 1926, Serial No. 81,824, and in Austria Aug. 8, 1923. 9 Claims. (Cl. 188-152.)



1. In a power driven vehicle, the combination with non-braked elements, braked elements including the road wheels, said non-braked elements being capable of displacement relatively to said braked elements, brakes for the road wheels of the vehicle and mechanism for applying the brakes to the road wheels, said mechanism comprising means for transmitting the braking force by fluid

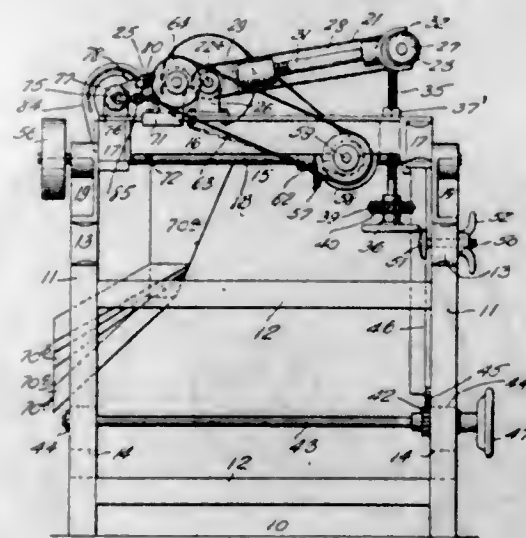
pressure, of means intended to cooperate with the non-braked elements and the braked elements so as to be actuable by said displacement for limiting the braking pressure.

1,645,401. POWER-TAKE-OFF SHAFT FOR AUTOMOBILE WHEELS. EDWARD PURTZER, Lamar, Ind. Filed Feb. 14, 1927. Serial No. 168,117. 1 Claim. (Cl. 74-106.)



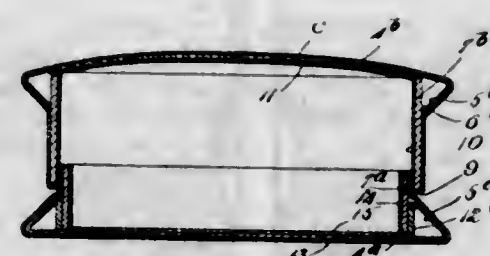
In a power take-off for vehicle tire wheels, a length of shafting, a fork fixed to one end of the shaft and terminating in outwardly directed ends aligned with each other, lateral extensions upon the free ends of the fork terminals for engaging opposed pairs of spokes of the vehicle wheel, clamps having stud bolts projecting therefrom through openings in the centers of the terminals of the fork, and nuts threaded on the bolts, the ends of the clamps being notched to receive the spokes and prevent turning of the clamps when the nuts are tightened so as to secure the spokes between the clamps and the lateral extensions.

1,645,402. SEPARATING AND GRADING MACHINE. FRANK A. RAPPEYE, Silver Creek, N. Y. Filed Nov. 11, 1924. Serial No. 749,189. 20 Claims. (Cl. 209-114.)



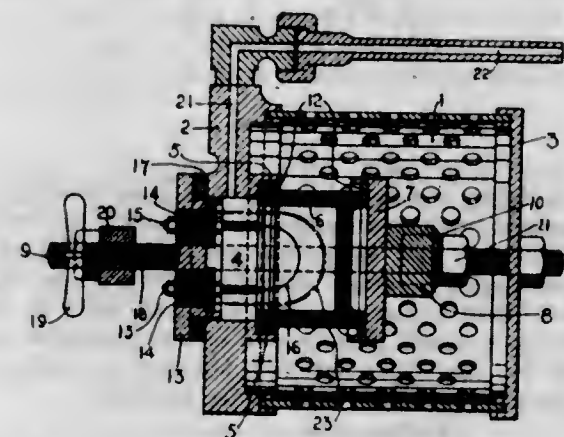
1. In a separator of the character described, a pair of movable surfaces adapted to form a separating trough therebetween, one of said surfaces being formed by a substantially smooth rotatable roll, and the other surface being formed by a relatively rough surfaced endless apron adapted to move upwardly through an arc adjacent said roll and thence along an upwardly inclined path.

1,645,403. BOX AND METHOD OF MAKING THE SAME. RUSSELL I. RHODES, North Attleboro, Mass. Filed June 5, 1925. Serial No. 35,093. 9 Claims. (Cl. 229-8.)



1. That method of making a box part having an extension edge which comprises providing a plate of stiff and strong sheet material having a bent marginal flange whose inner edge has a contour of substantially the desired shape and size of the outer surface of the side wall of said box part, arranging a wall member within said flange, applying a sheet of covering material to the outer surface of the plate and to the outer face of said wall member, turning the edges of said covering sheet in over the edges of said wall member, and cementing the intumed edges of the covering material to the inner surface of said wall member.

1,645,404. DETECTING, INDICATING, AND RECORDING THE PRESENCE OF INFLAMMABLE VAPORS OR GASES. HENRY THOMAS RINGROSE, Newark-on-Trent, England. Filed Apr. 6, 1927, Serial No. 181,414, and in Great Britain Sept. 28, 1925. 14 Claims. (Cl. 23-255.)

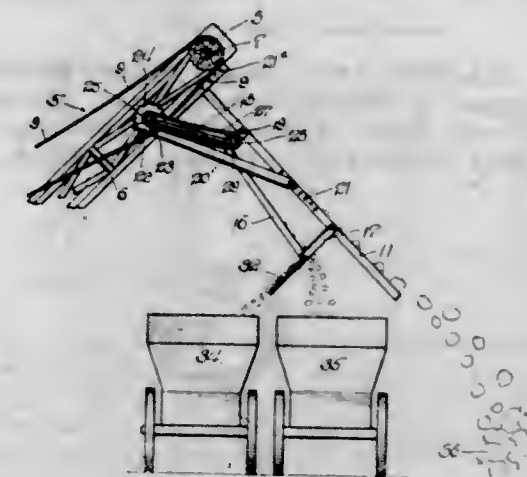


1. In an apparatus for detecting the presence of combustible gas, the combination of a porous vessel, means in said vessel for causing combustible gas entering the vessel to be burned gradually therein, and indicating means arranged to be operated by the change in gaseous pressure created in said vessel by the combustion of said gas.

1,645,405. SCREEN FOR CONVEYERS. ARTHUR L. SHAW, Chicago, Ill., assignor to Chicago Automatic Conveyor Co., Chicago, Ill., a Corporation of Illinois. Filed Dec. 26, 1922. Serial No. 609,091. 3 Claims. (Cl. 209-247.)

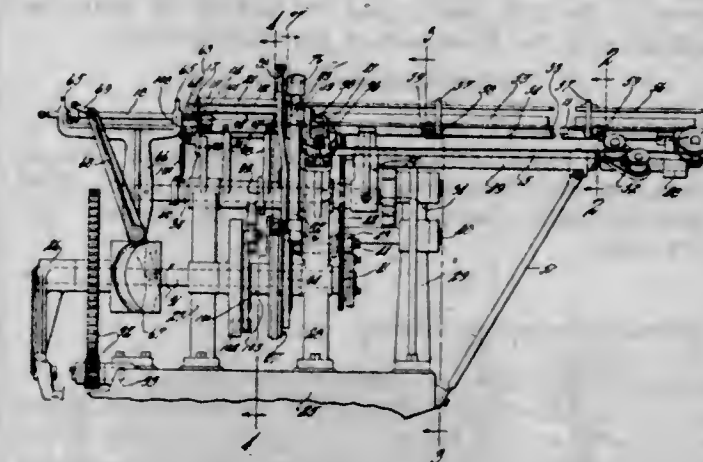
1. The combination with a portable boom, of a power driven conveyor thereon, a frame, a set of screens mounted in said frame in fixed angular relation to each other, means included in said frame for adjustably attaching said frame to said boom adjacent its outer end, means included in said frame for pivotally securing said frame to said boom, a transverse shaft carried by the second mentioned means, two sprocket wheels on said shaft one of

which engages the conveyer chain thereby driving the shaft, a second shaft parallel to the first shaft mounted on the screen frame, a sprocket wheel, a plurality of



knockers mounted on said second shaft, and a chain connecting said two shafts whereby said second shaft may be driven by said first shaft.

1,645,406. STACK FORMING AND FEEDING MECHANISM. ELMER LOVELL SMITH and ARTHUR E. PHILLON, Springfield, Mass., assignors to Package Machinery Company, Springfield, Mass., a Corporation of Massachusetts. Filed Nov. 27, 1926. Serial No. 151,199. 17 Claims. (Cl. 226-14.)

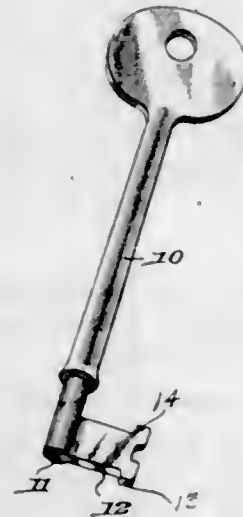


1. In combination, means for supporting a plurality of articles on edge and face to face in abutting relation and for feeding the articles in a continuous stream while thus supported, a receiving plunger against which the leading article in the stream abuts, means for moving said plunger in the same direction as the stream, a separator mounted adjacent the path of travel of said articles and for movement into and out of the stream, means operable after a measured length of the leading end of said stream has been moved past said separator to move the latter into said stream and divide off from the leading end thereof a stack of articles of approximately predetermined length, and means for removing the stack of articles held between said plunger and separator.

17. In combination, an intermittently reciprocable transfer device comprising upper and lower spaced pusher arms, a gate opposed to said device and yieldingly held in the path of movement thereof, said plate and the ends of said arms when at rest forming between them a substantially V-shaped receiving trough, means for successively feeding stacks of disc-like articles into said trough while the plate and transfer device are at rest, a plunger engaged by the leading article of the stack and movable therewith as the same is fed into said receiving trough, said plunger dwelling momentarily after a stack has been fed into said trough during the initial stage of operation

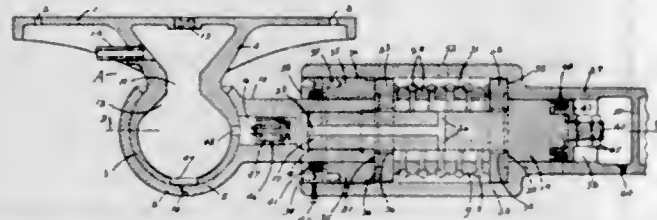
of said transfer device and then returning in the space between said pusher arms to meet the leading end of a succeeding stack of articles before the completion of the movement of said transfer device.

- 1,645,407. MASTER KEY. HARRY SORER, Milwaukee, Wis., assignor to Master Lock Company, Milwaukee, Wis., a Corporation of Wisconsin. Filed Apr. 17, 1922. Serial No. 554,159. 2 Claims. (Cl. 70-9.)



1. A master key provided with a solid shank and fixed tumbler catch, the whole of which latter is adapted to be entered in the lock casing, and the end of the shank being flush with the front face of the tumbler catch.

- 1,645,408. DRAFT GEAR. CHARLES H. TOMLINSON, Mansfield, Ohio, assignor to The Tomlinson Coupler Company, Mansfield, Ohio, a Corporation of Ohio. Filed June 2, 1925. Serial No. 34,320. 15 Claims. (Cl. 213-43.)

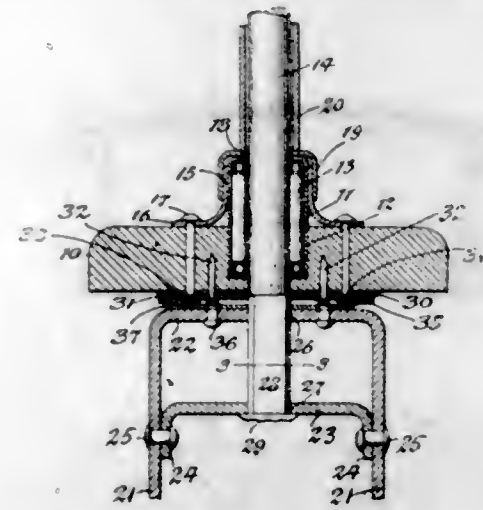


1. A draft gear comprising a pair of telescopic members, one of the members forming an enclosure adapted to contain a fluid, a single yielding member interposed between the said members to yieldingly hold them in a predetermined position with respect to relative longitudinal movement in either direction and means cooperating with the fluid within the member to yieldingly resist the relative longitudinal movement of the members in both directions.

- 1,645,409. STEERING MECHANISM FOR VEHICLES. HOWARD L. WEYERS, North Tonawanda, N. Y., assignor to Auto Wheel Coaster Company, Inc., North Tonawanda, N. Y., a Corporation of New York. Filed Jan. 15, 1926. Serial No. 81,404. 2 Claims. (Cl. 208-114.)

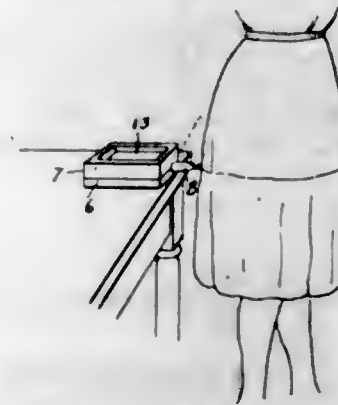
1. A steering mechanism for a vehicle comprising a head, a fork arranged below the head, a steering post projecting upwardly from the fork and journaled on said head, and a fifth wheel interposed between said fork and head and comprising an upper disk secured to the underside of said head, an intermediate disk engaging the underside of

said upper disk and secured to the same and said bead and provided with an annular centering head, and a lower



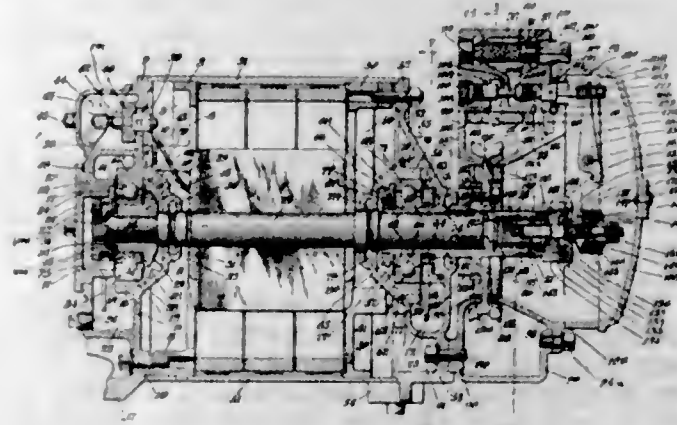
disk secured to the upper end of said fork and provided with an annular shoulder, which is engaged by said centering head.

- 1,645,410. SELF SKIRT MARKER AND PIN TRAY. HARRIET A. WILHITE, Indianapolis, Ind. Filed Mar. 5, 1927. Serial No. 173,148. 2 Claims. (Cl. 33-9.)



1. In a device for marking skirts, a base member, and a cap member supported on the base member, the meeting faces of the cap and base members each having an inwardly expanding channel extending from ends of the members to hold a correspondingly shaped stick of marking chalk, and dowel pins in one of the members entering holes in the other member adapted to match the several channels thus forming chalk holders.

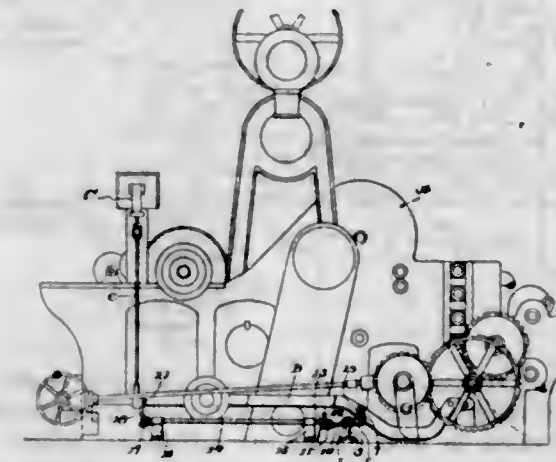
- 1,645,411. TURBINE GENERATOR SET. ELI J. BLAKE, Buffalo, N. Y., assignor, by mesne assignments, to Gould Car Lighting Corporation, New York, N. Y., a Corporation of Maryland. Filed May 16, 1924. Serial No. 713,701. 14 Claims. (Cl. 290-52.)



1. A turbine generator set having a generator and its shaft, a turbine and its wheel driving said shaft, a sleeve

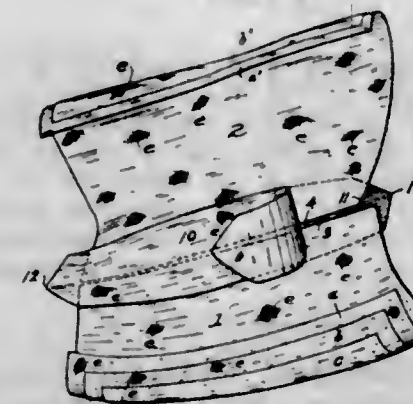
on one end of said shaft on which sleeve said wheel is secured, said sleeve being fixed to rotate with the shaft but slidable axially of the shaft, and a bearing for the shaft carried on said sleeve.

- 1,645,412. AUTOMATIC KNOCK-OFF FOR COTTON PICKERS. OSCAR BROWN, Columbus, Ga., assignor of one-half to Morton Machine Works, Columbus, Ga., a Corporation. Filed Apr. 2, 1927. Serial No. 180,564. 9 Claims. (Cl. 19-164.)



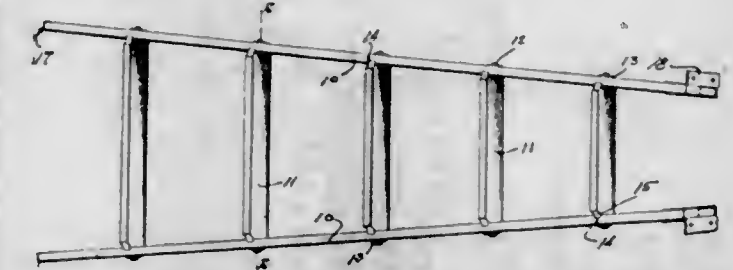
1. A knock-off attachment for cotton picker machines of that type including kick-off and weight levers and an evener rod comprising a rock shaft, shifting means for connection with the kick-off lever of the machine and operated by said shaft to shift the kick-off lever to discontinue the operation of the machine, and means operated when the machine is choked for rocking said shaft to provide for the operation of said shifting means to shift the kick-off lever.

- 1,645,413. REPAIR SHIELD FOR VEHICLE TIRES. JAMES H. BURROW, Spokane, Wash., assignor to Burrow Manufacturing Company, Spokane, Wash., a Corporation of Washington. Filed Nov. 2, 1926. Serial No. 145,744. 10 Claims. (Cl. 152-24.)



2. A repair shield comprising a set of wrapping members, each separately contoured to substantially conform to the curvature of an inflatable tire tube in superposed relation to each other, and a relatively flexible anchoring connection between said wrapping members also adapted to conform to the surface of said tube on the inner side, said wrapping members being relatively rigid along their connected margins as compared with their other portions.

- 1,645,414. STEPLADDER-ASSEMBLING MACHINE. JOHN E. KALORRN, Minneapolis, Minn., assignor to J. R. Clark Company, Minneapolis, Minn., a Corporation of Minnesota. Filed Feb. 16, 1927. Serial No. 168,662. 21 Claims. (Cl. 144-2.)

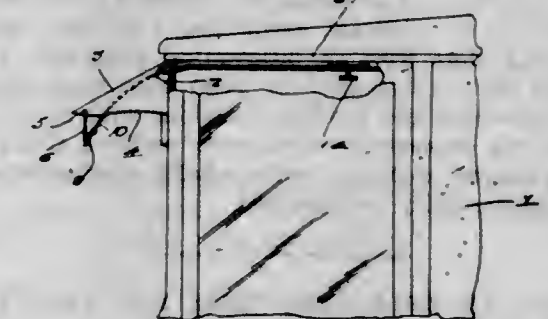


1. In a step ladder assembling machine, the combination with a pair of laterally spaced ladder bar clamping abutments, one of which is movable, of a step positioning abutment, a step clamp, and operating means for the movable clamping abutment and the step clamp.

- 1,645,415. MICA-PLATE COMPOSITION. JOSEPH M. COFFEY, Schenectady, N. Y., assignor to Mica Insulator Company, New York, N. Y., a Corporation of New Jersey. Filed Apr. 5, 1927. Serial No. 181,264. 3 Claims. (Cl. 154-2.6.)

1. An insulating material composed of thin mica splittings bound together by a reaction product of phenol and glycerol.

- 1,645,416. FOLDABLE SUNSHADE FOR AUTOMOBILES. JOHN W. COLLIER, Augusta, Ga. Filed Apr. 30, 1926. Serial No. 105,727. 3 Claims. (Cl. 296-95.)



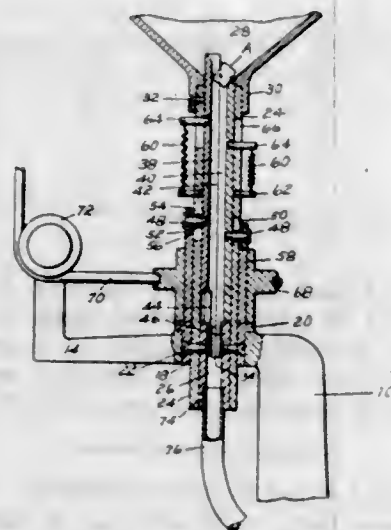
1. In combination, a closed automobile body having a transparent glass or windshield at its front and also having a canopy in front of the upper portion of said windshield, a movable sun shade carried in the forward portion of the said canopy, a guide sheath or tube carried in the top of the body and disposed longitudinally thereof, a casing also carried above the top of the body and communicating with said sheath or tube, flexible means connected with the sun shade and disposed longitudinally in the guide tube and having a rack bar portion disposed and movable in said casing, a spur gear disposed in said casing, and a shaft fixed to and pendent from said spur gear and having a finger piece disposed under the ceiling of the body.

- 1,645,417. COLOR PHOTOGRAPHY. HAROLD N. COX, Glen Ridge, N. J., assignor to Cox Multi-Color Photo Company, a Corporation of Delaware. Filed May 24, 1921, Serial No. 472,145. Renewed Nov. 13, 1925. 17 Claims. (Cl. 88-1.)



1. A system of photography comprising a single objective, and a refracting prism having four faces all on one side thereof and so joined as to form four equally spaced focal images.

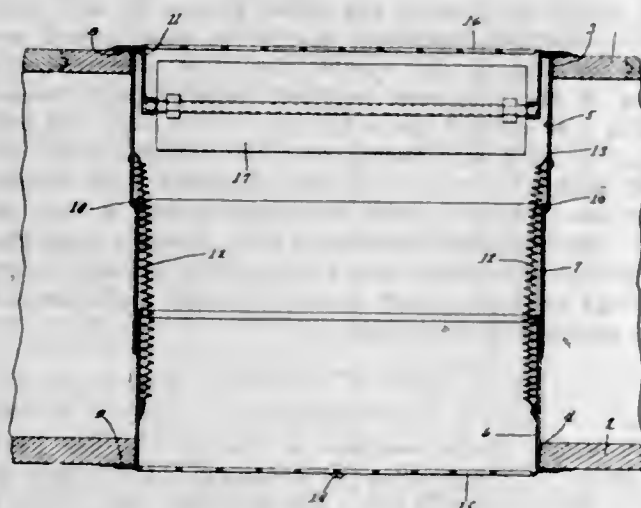
1,645,418. FEEDING MECHANISM. RAYMOND H. CRAMER, Newark, N. J., assignor to General Motors Corporation, Detroit, Mich., a Corporation of Delaware. Filed Nov. 17, 1925. Serial No. 69,614. 12 Claims. (Cl. 221-122.)



1. In apparatus of the character described, a hopper having side walls and an exit opening, a delivery tube section spaced from the exit opening, a movable tube section of the same internal diameter as the delivery tube section and interposed between said delivery tube section and the hopper, and means for reciprocating said movable tube section through the opening in the hopper to deliver articles therefrom; substantially as described.

12. In apparatus of the character described, a container for articles, and means for delivering articles from the container in a stream, comprising a delivery tube section having slots with an intervening extension, a movable tube section arranged in axial alignment with the fixed tube section and having extensions with an intervening slot, the extensions of the two sections slidably fitting one another to form a substantially continuous article guide; substantially as described.

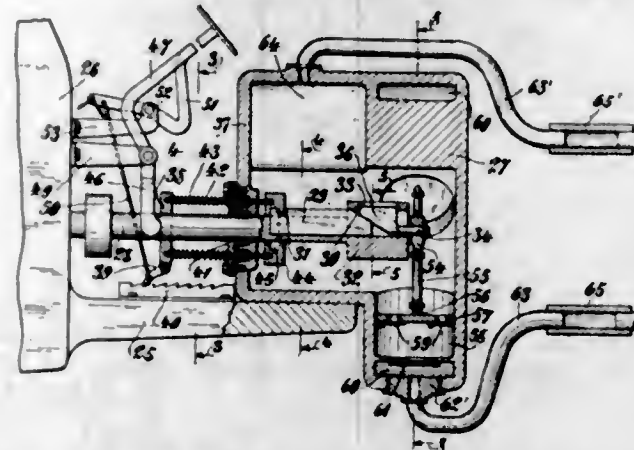
1,645,419. THIMBLE STRUCTURE FOR PARTITIONS. ERNEST C. FOX, Cleveland, Ohio. Filed Nov. 10, 1922. Serial No. 600,150. 3 Claims. (Cl. 126-314.)



1. A ventilating thimble for securement in a wall having a through opening extending from one face to the other, comprising two end thimble members adapted to be mounted at opposite ends of said opening against the opposite faces of the wall, each of said members being provided at one end with an outwardly extending wall face engaging flange, one of said members being open and the second being constructed and arranged to be passed bodily through the wall opening from one side

and thence to its seat on the opposite side of the wall, and means operatable through the opening of the open member for interconnecting said members so as to maintain them in the wall opening with their flanges engaging opposite wall faces.

1,645,420. VARIABLE-STROKE PUMP. WILLIAM GLATTES, New York, N. Y. Filed Feb. 1, 1926. Serial No. 85,082. 1 Claim. (Cl. 103-38.)



A motor transmission system comprising a casing containing a liquid, cylinders in said casing, a longitudinally grooved shaft in said casing, an adjustable wedge block slidable in said groove, an adjustable crank in said groove actuated by said block said crank being normally concentric with said shaft, a triangular plate pivotally mounted on said crank, pistons in said cylinders connected to the apexes of said plate, and resilient means slidable in said casing to move said crank eccentric with said shaft to impart a gyratory motion to said pistons.

1,645,421. SUPPORTING MEANS FOR HORIZONTALLY-DISPOSED SURFACES. JOHN EDWARD GLOEKER, Pittsburgh, Pa. Filed Oct. 18, 1924. Serial No. 744,436. 1 Claim. (Cl. 45-48.)

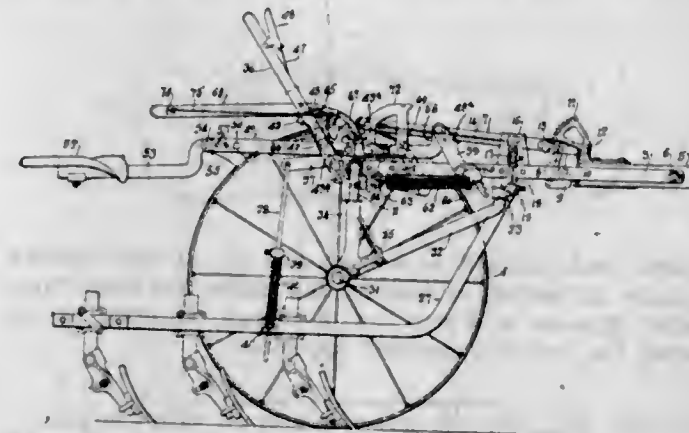


A bracket adapted to snugly engage the aprons at the corner of a table or the like comprising a triangular shape platform having two upstanding flanges thereon meeting at the apex of the platform and an open ended leg socket depending from the lower side of the platform, the inner sides of the upstanding flanges being tangent to the inner edge of the leg socket whereby said aprons constitute a stop for the leg when inserted in said socket.

1,645,422. CULTIVATOR. RICHARD H. GRIFFITH, Richmond, Ind., assignor to The Ohio Cultivator Company, Bellevue, Ohio, a Corporation of Ohio. Filed Mar. 7, 1925. Serial No. 13,717. 8 Claims. (Cl. 97-147.)

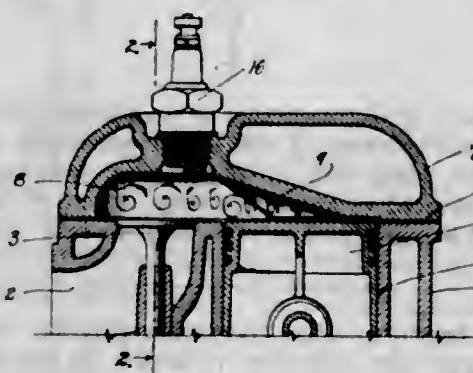
1. In a cultivator, the combination of a general frame, with a seat frame whose rear end carries a seat and whose forward portion is mounted to travel back and forth on the general frame, link connections between the main frame and the seat frame by which the latter may so travel, beam-lifting devices mounted on the main frame and connected with the seat frame, a lever for advancing the seat frame forward or rearward to cause the beam-lifting devices to raise or lower the beams, and

springs connected to the main frame and to the seat frame and acting to advance the seat frame forwardly and through it to lift on the beams, whereby when the beams



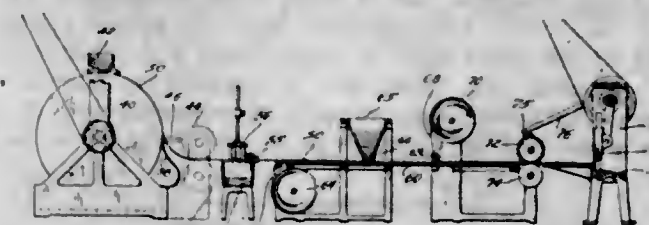
are lifted the seat frame is advanced forwardly and when the beams are lowered the frame is returned rearwardly.

1,645,423. HIGH-POWER CYLINDER HEAD. ORA F. HAINE, Kansas City, Mo., assignor, by direct and mesne assignments, of one-half to D. H. Halbe and one-half to Frank Elliott, Kansas City, Mo. Filed June 8, 1925. Serial No. 35,659. 2 Claims. (Cl. 123-191.)



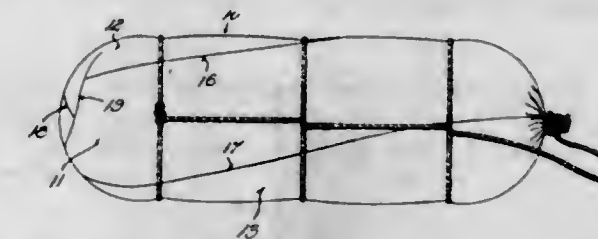
1. In an internal combustion engine, a cylinder having a lateral extension, said extension being provided with inlet and exhaust ports, a cylinder head having an auxiliary combustion chamber above the inlet and exhaust ports, the auxiliary combustion chamber and the cylinder being in restricted communication, said head having an auxiliary conduit connecting the auxiliary chamber with said cylinder.

1,645,424. PROCESS OF MAKING STORAGE BATTERIES. CLARENCE W. HAZLETT, Lakewood, Ohio, assignor, by mesne assignments, to The Cleveland Trust Company, trustee, Cleveland, Ohio. Filed Feb. 21, 1921. Serial No. 446,768. 6 Claims. (Cl. 136-67.)



1. The steps in the process of manufacturing storage batteries, consisting in placing porous separators between plates of opposite polarity, assembling said plates and separators in a container tightly fitting the same and maintaining contact of the separators with the active material of the plates, whereby the separators entirely fill the space between the plates and the active material, and then forming the paste into active material by electrolysis.

1,645,425. SAUSAGE CASING AND METHOD OF MAKING THE SAME. HENRY HENSEL, Milwaukee, Wis. Filed Nov. 10, 1926. Serial No. 147,522. 4 Claims. (Cl. 17-45.)



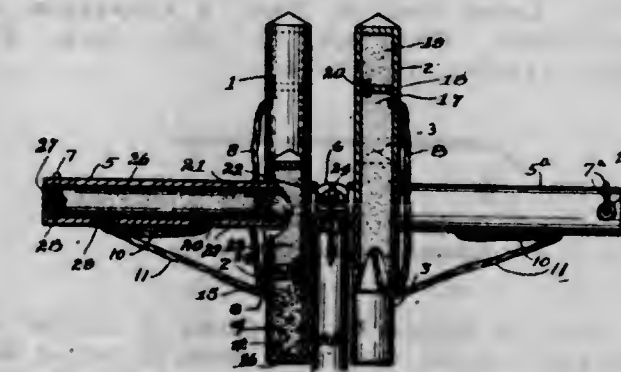
2. The method of producing pieced sausage casings from curved intestines which consists in longitudinally slitting pieces of curved intestines of appropriate lengths to open the same and securing said pieces together along their side edges to produce a sausage casing of straight form.

1,645,426. LOCOMOTIVE TENDER TANK. ELMER E. HICKEN, Collingswood, N. J. Filed Mar. 21, 1927. Serial No. 177,151. 9 Claims. (Cl. 105-236.)



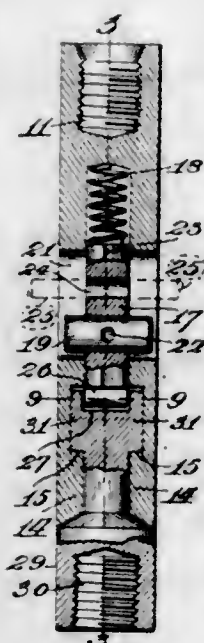
1. The combination in a tank having its lower portion rectangular in cross-section, of longitudinal deflecting plates at the lower corners of the tank and arranged at an angle in respect to the sides of the tank, said plates being so arranged that water can gain access to the space back of the plates, said plates preventing the water striking direct blows against the sides of the tank.

1,645,427. ROTARY-BALANCED ROCKET. THOMAS G. HITT, Seattle, Wash. Filed Mar. 5, 1927. Serial No. 173,047. 3 Claims. (Cl. 102-23.)



1. A balanced rocket with a plurality of perpendicular chambers containing explosive materials for raising the device when ignited, and for destroying the chambers after limit of rise with a plurality of horizontal balance chambers filled with similar materials, with holes in the sides and bottoms of the horizontal chambers for the outflow of gases when the materials are ignited to cause the rocket to revolve and ascend at the same time, with a plurality of perpendicular chambers suspended from the horizontal chambers containing display materials at their lower ends and destructive explosive materials in their upper portions adjacent the horizontal chambers, these several chambers connected by quick matches and time fuses for igniting the charges in the several chambers at predetermined periods, for causing the rocket to ascend with a rotary movement and for breaking up and destroying the several chambers when the rocket has reached its highest point.

1,645,428. OIL-WELL-PLUNGER ATTACHMENT AND SUCKER-ROD CONNECTION. CHESTER C. HOSMER, Huntington Beach, and SAMUEL E. FURMAN, Long Beach, Calif. Filed Jan. 15, 1924. Serial No. 686,402. 5 Claims. (Cl. 287-103.)



1. In a connection for sucker rods or the like, a pair of joint members, one of which is axially recessed to receive an axially disposed projecting portion of the other member, the interengaging portions of said members being provided with interlocking parts the inner end of said axially disposed projecting portion being provided with a non-circular recess, and an axially disposed spring-pressed member carried by the other joint member and provided with a non-circular projecting end that is adapted to engage in said non-circular recess for locking the joint members against relative rotary movement when properly connected.

1,645,429. HINGE STRUCTURE. SILAS F. KENYON, Indian Orchard, Mass., assignor to The Fiberoid Corporation, Indian Orchard, Mass., a Corporation of Massachusetts. Filed Apr. 13, 1925. Serial No. 22,924. 1 Claim. (Cl. 229-44.)

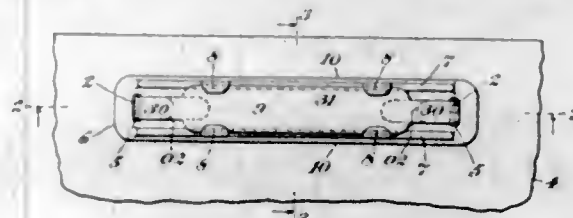


An article of manufacture comprising, a box-like receptacle and a closure therefor of pyroxylin having side walls the edges of which abut one another, the said walls being provided with parallel slots which extend from the jointure of said abutting edges, hinge members of pyroxylin having their outer ends pivotally connected for a hinge action and their free inner ends inserted in said slots of the receptacle and closure and fixed thereto by a solvent of pyroxylin so that said members are integral therewith to provide a solid unified structure.

1,645,430. PAPER FASTENER. FRED J. KLINE, New York, N. Y. Original application filed May 26, 1924. Serial No. 715,798. Divided and this application filed Mar. 26, 1926. Serial No. 97,629. 7 Claims. (Cl. 24-153.)

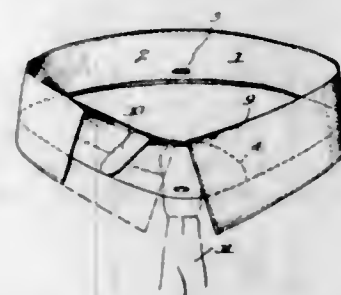
1. In combination, in a paper fastener, a member having tongues to be pushed through papers, a retaining member having slots through which said tongues can also be pushed and then be bent down on said member

and also having holding elements in two sets on its upper part spaced from said slots, and a covering member having an intermediate portion wider than its end



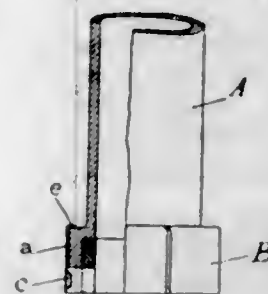
portions and adapted to engage one set of said holding elements by moving it toward and under the same from a point between said sets and to engage the other set by moving the covering member oppositely.

1,645,431. COLLAR. HENRY M. LAUBE, Kankakee, Ill. Filed Jan. 24, 1925. Serial No. 4,438. 1 Claim. (Cl. 2-137.)



A fold-over collar comprising a neck-band and a fold-over wing, end-portion of said band extending past the ends of said wing, and a tie-engaging tab having its upper edge secured to the upper edge of one of said end-portion and being otherwise unsecured to said band.

1,645,432. DEVICE FOR DISTINGUISHING DIFFERENT SORTS OF COTTON DURING SPINNING OPERATIONS. JEAN LAUFFER, Logelbach, France. Filed Feb. 13, 1925. Serial No. 8,988, and in France Feb. 14, 1924. 2 Claims. (Cl. 40-23.)

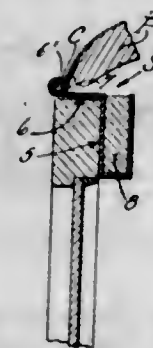


1. A slit marking cuff of thin metal adapted to surround removably the enlarged base of spinning-tubes, having at its upper edge an inner flange and a narrower neck engaging the tube, and a spring-like depression adjacent its lower edge, capable of engaging one of a series of notches cut at intervals in the periphery of said base.

1,645,433. VEHICLE TOP CONSTRUCTION. LOUIS LAVEN, Springfield, Mass., assignor to Hampden Auto Top & Metal Company, Springfield, Mass., a Copartnership consisting of Louis Laven, Myers Schwartz, and Max Schaffer. Filed Nov. 19, 1926. Serial No. 149,368. 2 Claims. (Cl. 296-135.)

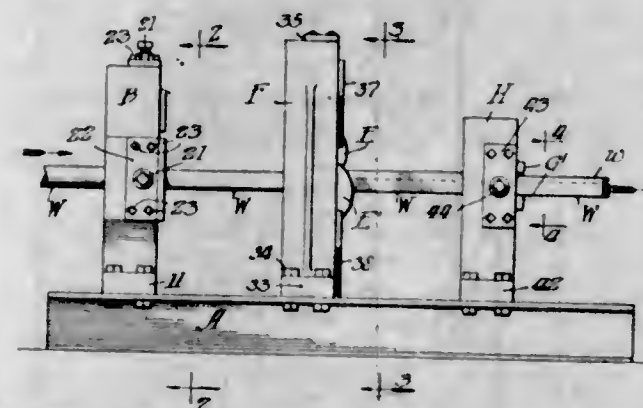
1. In combination, a vehicle body, a top covering supported at opposite ends by said body, a bumper strip supported at its opposite ends by said body and disposed below the side edge of said top, the said strip

having a vertical wall and a horizontal wall integral therewith which is bent to form a slot having a restricted opening at the upper side thereof for receiving



the marginal edge of said top and the said side edge of the top being doubled upon itself about a cord to provide an enlarged selvage for insertion in said slot.

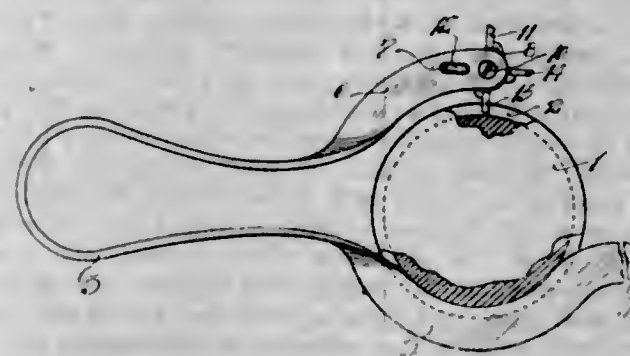
1,645,434. METHOD OF AND APPARATUS FOR SHAPING METALLIC TUBING. WILLIAM E. LINDELOM, Kenosha, Wis., assignor to Simmons Company, Kenosha, Wis., a Corporation of Delaware. Filed June 25, 1923. Serial No. 647,479. 9 Claims. (Cl. 153-28.)



3. The method of shaping metallic tubing that consists in first distorting a round, closed tube to produce an excess of material at one side thereof and then imparting a rectangular shape to said tubing and compressing said excess of material to form longitudinally of the tubing a flange of double thickness.

7. A machine for shaping metallic tubing comprising a plurality of sets of shaping rolls, one of said sets having rolls with curved faces adapted to distort the tubing and produce an excess of material at one side thereof and another of said sets being adapted to give a rectangular shape to the tubing and to compress the said excess of material to form a flange of double thickness extending longitudinally of the tubing.

1,645,435. CARBON-REMOVING IMPLEMENT. STEVE LINO, Spokane, Wash. Filed Sept. 21, 1926. Serial No. 136,814. 1 Claim. (Cl. 15-104.01.)

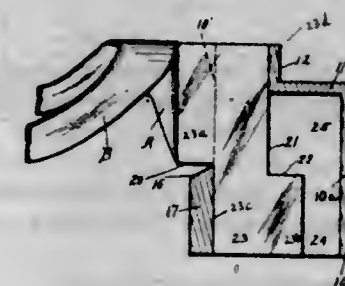


The combination with a U-shaped, resilient handle having a curved friction jaw and a handle extension and a complementary tool-holder having a slot therein, of a

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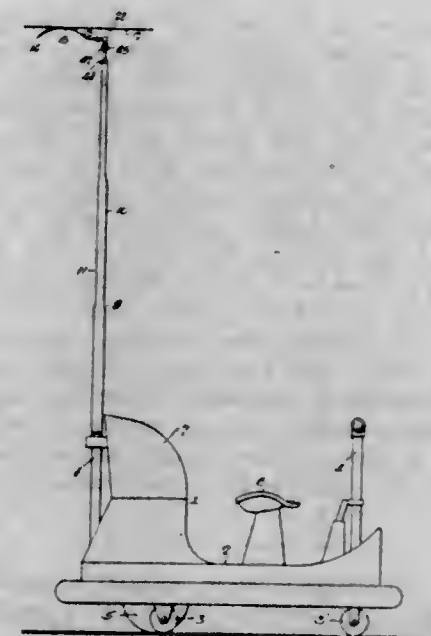
detachable scraper-head having a plurality of scraper-blades one of which is adapted to co-act with the slot in the head of the tool holder for locking the head, and a screw for fastening the head to the holder.

1,645,436. STRESS-BREAKING ATTACHMENT FOR TEETH. WILLIAM I. LOTZE, Inglewood, Calif. Filed Oct. 16, 1926. Serial No. 141,898. 4 Claims. (Cl. 32-12.)



1. A device as described consisting of a hollow frame having a reduced neck projecting beyond one end thereof, said frame being open in a plane with said neck, an insert consisting of a body of the same length of the frame with its neck, but of lesser width relatively thereto, means associated with said insert and frame for positioning said insert in said frame, and means on said insert engageable with said frame to hold said insert against displacement from said frame.

1,645,437. CURRENT COLLECTOR. JOSEPH LUSSE and ROBERT LUSSE, Philadelphia, Pa., assignors to Lusse Brothers, a Partnership consisting of Joseph Lusse and Robert Lusse, Philadelphia, Pa. Filed May 13, 1924. Serial No. 712,995. 20 Claims. (Cl. 191-54.)

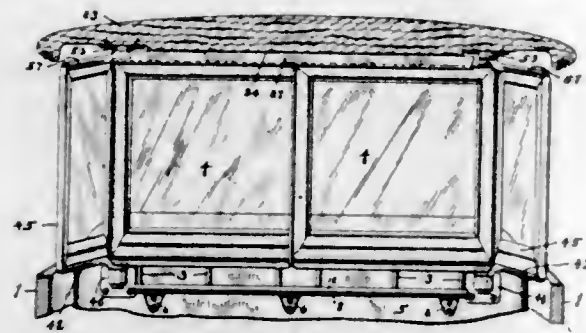


1. A collector comprising a flexible contact element of U-shape, one portion being provided with locking shoulders, another portion being bowed and twistable about the longitudinal axis thereof.

1,645,438. AUTOMOBILE WINDSHIELD. EDWARD J. MADDEN, Detroit, Mich. Filed Dec. 7, 1922. Serial No. 605,346. 6 Claims. (Cl. 296-85.)

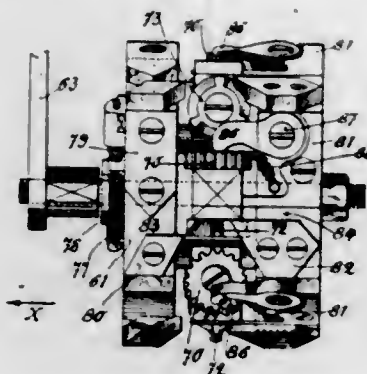
1. In a vehicle, the combination of a body, a pair of guides extending across the body, a vertical panel mounted between the guides, a longitudinally movable support for the panel permanently mounted between said

guides and movable with or independently of the panel, a top for the body, a pair of guides attached to said top and extending transversely thereof, one on each side of



the upper edge of the panel, and a resiliently mounted strip of sheet metal between the guides and engaging said panel.

1,645,439. HOSIERY MACHINE OF THE STRAIGHT OR FLAT WEB TYPE. LEONTINE MARNEUX, née DAVID, Paris, France. Filed July 10, 1922, Serial No. 573,910, and in France Sept. 23, 1921. 5 Claims. (Cl. 66-75.)

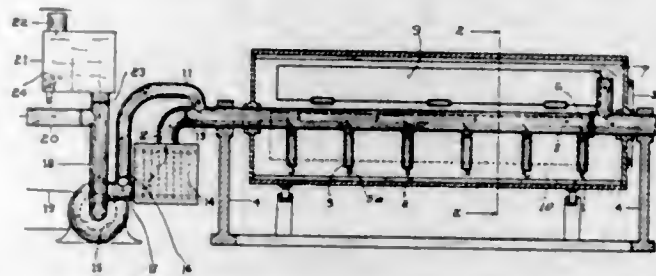


1. An apparatus adapted for mounting upon the carriage of a flat web hosiery machine for the purpose of producing in the knitted fabric vertical stripes and varied designs by means of various coloured yarn, comprising a selecting cam holder pivoted upon one end of the carriage of the machine with its axis of rotation parallel to the carriage stroke, selecting members revolvable upon said holder, said selecting members being mounted on two faces of said holder in a way to allow each of said members to be successively brought into action at one end of the stroke and actuated with the stroke of the carriage for rotating the selecting members, fixed guide cams coacting with said selecting members, said selecting members being provided with indentations or circular inclined surfaces cooperating with the butts of the machine needles whereby only a given number of the needles shall be lowered in a predetermined order.

1,645,440. MACHINE FOR SIMULTANEOUSLY DRYING AND POLISHING BEANS AND THE LIKE. JOHN H. MCFARLAND, Merrill, Mich., assignor of one-fourth to Frank B. Walcott, Wheeler, Mich. Filed Mar. 3, 1927. Serial No. 172,283. 6 Claims. (Cl. 34-5.)

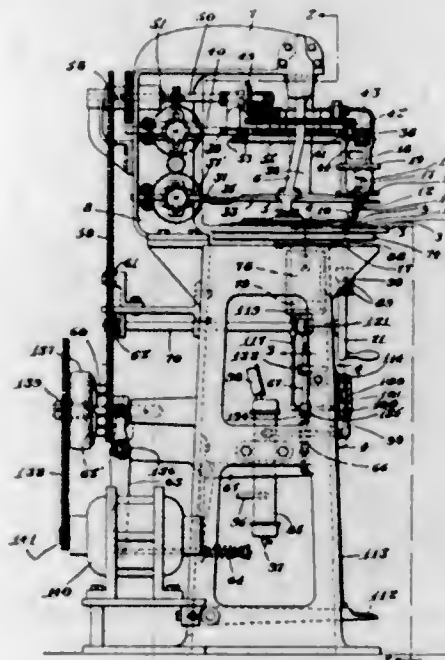
1. In a machine for simultaneously drying and polishing beans and the like, a revolvable drum for containing the beans and granular polishing material, a charging door in said drum, a stationary tubular shaft extending axially through said drum, a number of downwardly directed air-discharge nozzles connected to said shaft and extending toward the lower periphery of said drum and said material, means for supplying at will air of any suitable degree of humidity or temperature to an end of said tubular shaft, said means comprising a blower and means for supplying artificially humidified air or atmospheric air to said blower and an air-heating means inter-

posed between said blower and said tubular shaft, the other end of said tubular shaft having a tube extending upwardly and comprising an air and vapor outlet from



said drum, partitioning means in said shaft for separating said air inlet and outlet, and a stationary screen downwardly inclined from said shaft within the drum.

1,645,441. SOLE-CUTTING MACHINE. PETER J. MCGOWAN, Hyde Park, Mass., assignor to Wellman Company, Medford, Mass., a Corporation of Maine. Filed May 11, 1926. Serial No. 108,212. 7 Claims. (Cl. 12-25.)

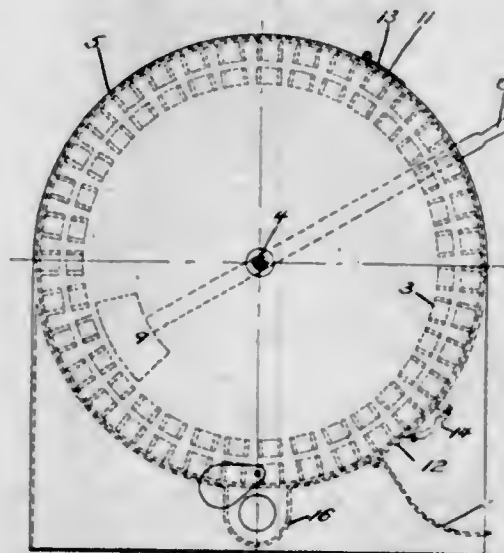


1. In a machine of the kind described, a truck, a reciprocable knife carrying carriage provided with a plurality of pairs of vertical anti-friction rolls and a plurality of horizontal anti-friction rolls, guideways in said truck, said vertical and horizontal rolls working in said guideways, and means to adjust said plurality of pairs of vertical rolls in opposite directions to compensate for wear.

1,645,442. NEWSPAPER-VENDING MACHINE. ALCID A. MEYER, Minneapolis, Minn. Filed Nov. 12, 1924. Serial No. 749,420. 1 Claim. (Cl. 194-85.)

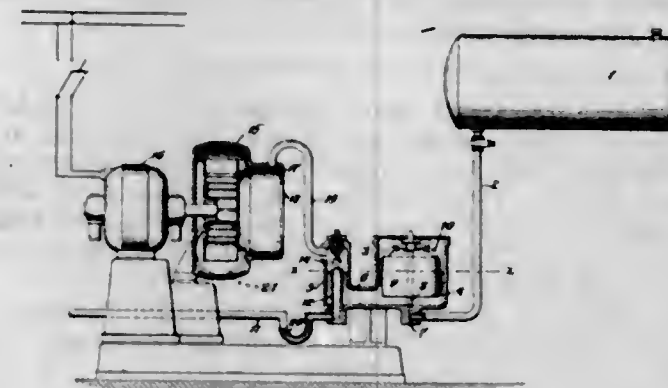
In combination, a rotary drum formed with a series of longitudinally disposed radially arranged pockets therearound open at their outer ends for reception and discharge of articles to be dispensed, a housing for said drum providing a discharge station for successive gravity discharge of said pockets, a shaft extending through said housing on which said drum is rotatably mounted, a series of coin holders radially arranged on one end of said drum in the transverse plane thereof, one holder for each longitudinal pocket, said holders having their outer ends open, said housing providing a coin slot through which said holders are arranged to successively receive coins as the drum is advanced step by step, a manually-operable lever rotatably mounted on said shaft within the housing adjacent the coin holders and swingable independently of the drum, said lever extended radially

from the shaft outwardly through and accessible for operation on the exterior of said housing which forms a stop limiting movement thereof, said coin holders slotted and arranged so a coin therein obstructs such slot, and said lever provided with a laterally projecting pin arranged to pass freely through the slots of the coin holders upon



operation of said lever but to engage across the edge of a coin obstructing a slot to advance the drum a step and place a pocket in discharge position with said housing discharge station, the inner end of said lever weighted to return and maintain the same in normal position after operation thereof.

1,645,443. APPARATUS FOR BURNING OIL. SIDNEY E. MEYERS, Buffalo, N. Y., assignor, by direct and mesne assignments, to Melco Engineering Corporation, a Corporation of New York. Filed Apr. 10, 1924. Serial No. 705,655. 5 Claims. (Cl. 158-36.)

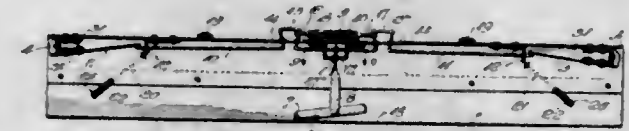


1. In an oil burning apparatus, in combination, an oil feed pipe to conduct oil to the burner, an oil tank, an oil reservoir interposed between the feed pipe and the tank and comprising two chambers connected at their lower ends, the reservoir thereby functioning as a U-tube, means for maintaining the oil at a normal level in the reservoir, means for creating a suction influence in one of said chambers, thereby to change the oil level, an extension of the feed pipe into which oil flows from said last named chamber during the operation of said means, and a trap in the feed pipe to create an oil seal.

1,645,444. ANIMAL TRAP. MONTE GWINN MOORE, Prairie City, Oreg. Filed Oct. 25, 1926. Serial No. 144,111. 5 Claims. (Cl. 43-61.)

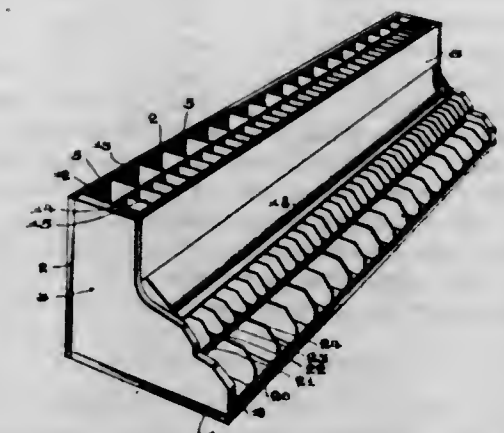
1. In a trap, a box having an entrance opening, a door hinged at one edge to close said opening, a door-holding member supported on one wall of said box and movable toward and from the door and adapted to

positively hold said door in open position when said member is moved toward the door, a keeper through which said holding member slides and having an opening therein, a trip arm extending through said opening into the path of and adapted to be engaged by said holding member and forced thereby against one wall of said



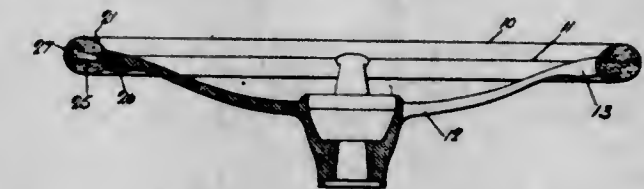
opening whereby the holding member is held projected and the trip arm held in set position, and a trip arm releasing member connected with said arm and located in said casing in the path of an animal entering through said entrance opening and adapted to be held in raised position when said trip arm is engaged by said door holding member.

1,645,445. CABINET FOR TYPE. PETER CLEMENTS MUSE, Johnson City, Tenn. Filed Oct. 19, 1926. Serial No. 142,754. 6 Claims. (Cl. 276-44.)



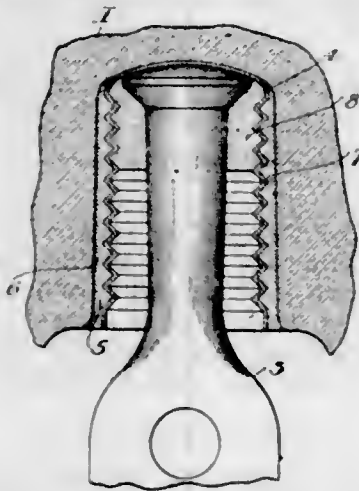
1. In a cabinet of the character described, a structure formed to produce a compartment having an open upper end into which type may be placed and an open lower end portion from which said type can be removed, the lower end portion of said compartment structure extending substantially at right angles with the upper end portion of said compartment structure and having longitudinally curved upper and lower walls at the junction of said right angular members.

1,645,446. STEERING WHEEL. CHARLES P. NELLIS and ALVA W. SCOTT, Dayton, Ohio, assignors to The Inland Manufacturing Company, Dayton, Ohio, a Corporation of Delaware. Filed Mar. 11, 1925. Serial No. 14,660. 2 Claims. (Cl. 74-33.)



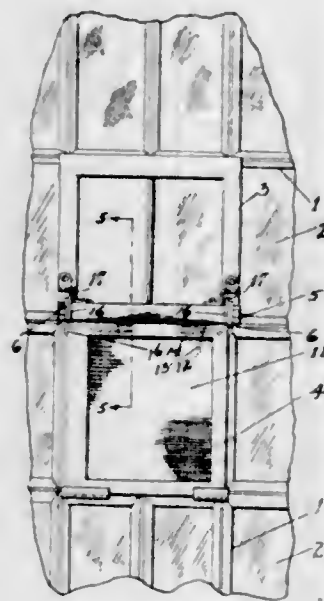
1. In a handwheel, in combination, a spider having metallic arms, a non-metallic rim of curved section suitable for grasping with the hands, the outer ends of said arms being curved to fit snugly up against the inner periphery of the rim where they abut said rim and to thereby give the appearance of being inserted bodily within the rim, a round boss projecting from each of said arm ends and inserted within corresponding recesses in the rim, and machine screws extending through the rim and threaded into said bosses to rigidly secure said arm ends to said rim.

1,645,447. SUSPENSION INSULATOR. JOHN M. PECK, Lima, N. Y., assignor to The Porcelain Insulator Corporation, Lima, N. Y., a Corporation of New York. Filed Feb. 11, 1924. Serial No. 691,971. 1 Claim. (Cl. 173-318.)



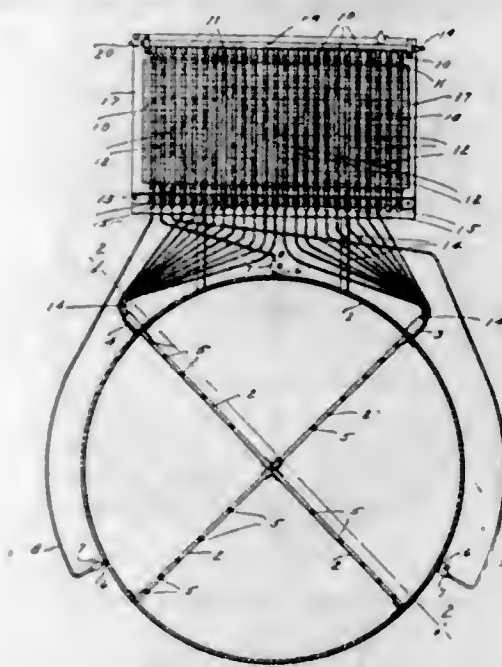
In an insulator, the combination with a hollow body portion, of a load distributing thimble arranged therein and co-extensive in length with the opening in the body portion, the thimble having a series of lateral corrugations throughout its length, a body of cement between the thimble and the body portion, a bolt member arranged within the thimble having an unobstructed cylindrical body and an enlarged head, the body and head of the bolt member being spaced from the sides of the thimble, and a body of cement located between the bolt member and the inner surface of the thimble and acting by engagement with the underside of the head to hold the bolt member in the thimble.

1,645,448. METAL-FENESTRA SCREEN SUPPORT. EDWARD W. PENDERY, Newport, Ky., assignor to The Higgin Manufacturing Company, Newport, Ky., a Corporation of West Virginia. Filed Apr. 5, 1927. Serial No. 181,234. 6 Claims. (Cl. 189-69.)



1. A metal window sash having a horizontally pivoted ventilating window therein, and screen supports permanently attached to the mullions of said sash, said supports comprising a lower support for an inner screen formed with L shaped pieces permanently attached between united portions of the sash, said ventilating window having a washer mounted on its pivotal axis, and said washer extended and having means in said extended portion for supporting the upper part of said inner screen.

1,645,449. MULTIPLE PITOT AND PIEZOMETER TUBE FOR MEASURING THE FLOW OF WATER THROUGH CLOSED CONDUITS. DELBERT W. PROBST, Portland, Oreg. Filed May 25, 1925. Serial No. 32,801. 7 Claims. (Cl. 73-167.)



1. A multiple Pitot and piezometer tube for measuring the flow of water through closed conduits, comprising a frame work extending across the conduit and at right angles to the longitudinal axis of the conduit, a plurality of Pitot tube nozzles secured in said frame work, said Pitot tubes having their axes parallel to the axis of the conduit; transparent tubes parallelly disposed and vertically mounted exteriorly of said conduit; tubes connecting the Pitot tubes with the lower ends of said parallelly arranged transparent tubes; and a manifold disposed on and communicating with the free end of the said transparent tubes and adapted to the admission of a compressible fluid therein for depressing the liquid in said tubes to normal working position.

1,645,450. PROCESS FOR DYEING ACIDYL CELLULOSES. PAUL RABE, Leverkusen, near Cologne, and WILHELM SCHERSS, Wiesdorf, near Cologne, Germany, assignors, by mesne assignments, to Grassell Dyestuff Corporation, New York, N. Y., a Corporation of Delaware. Filed Mar. 3, 1924. Serial No. 696,675, and in Germany May 28, 1923. 4 Claims. (Cl. 8-5.)

2. Process of dyeing acidyl celluloses characterized in and by the fact that the acidyl celluloses are dyed in a bath containing aniline nitrate.

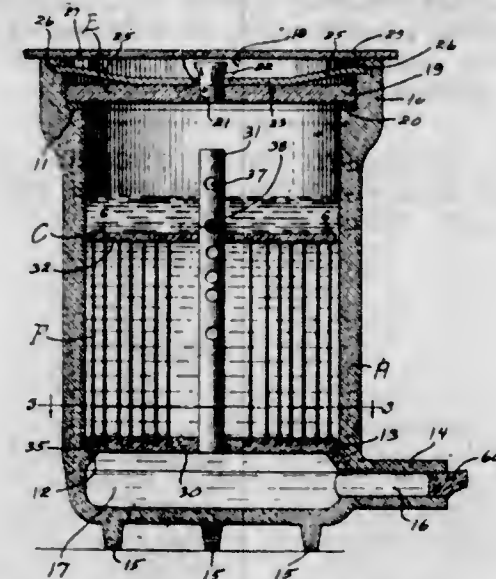
1,645,451. PROCESS FOR DYEING ACIDYL CELLULOSES. PAUL RABE, Leverkusen, near Cologne-on-the-Rhine, and WILHELM SCHERSS, Wiesdorf, near Cologne-on-the-Rhine, Germany, assignors, by mesne assignments, to Grassell Dyestuff Corporation, New York, N. Y., a Corporation of Delaware. Original application filed Mar. 3, 1924, Serial No. 696,675, and in Germany May 29, 1923. Divided and this application filed Dec. 10, 1924. Serial No. 755,037. 3 Claims. (Cl. 8-5.)

1. Process of dyeing acidyl celluloses characterized in and by the fact that the acidyl celluloses are dyed in a neutral bath containing a salt of an oxy acid of chlorine.

1,645,452. APPARATUS FOR DEVELOPING PICTURE FILMS. LEO JAMES RIGGLE, Monroe, Wis. Filed June 9, 1926. Serial No. 114,815. 15 Claims. (Cl. 95-90.5.)

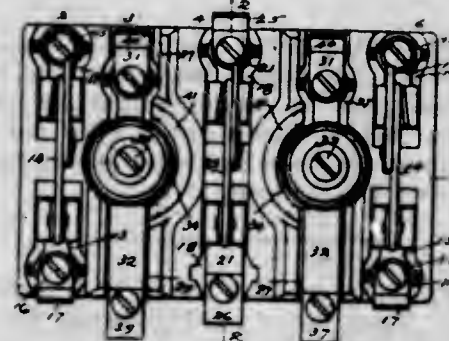
1. In a film developing apparatus, the combination of a tank having a spout at its lower end provided with a removable closure plug, a cover for the tank having an

opening provided with a removable closure plug, and means for securing the cover in sealing relation upon the tank, embodying a retaining member resting upon the



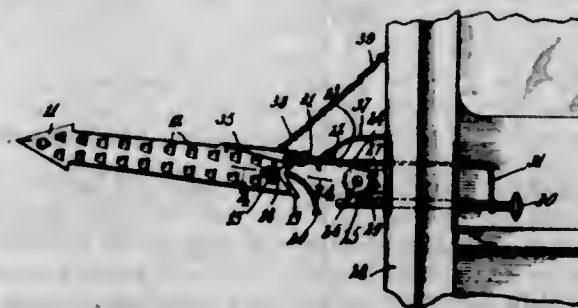
upper side of the cover and having upwardly inclined yieldable arms for locking engagement with the inner wall of said tank.

1,645,453. ELECTRICAL CONNECTION BLOCK. JOSEPH SACHS, Hartford, Conn. Filed June 21, 1922. Serial No. 589,807. 5 Claims. (Cl. 200-114.)



1. An insulating base for a switch formed at the front to receive for mounting thereon conducting means constituting two parallel current paths across the front thereof, the said base being also formed with holes extending rearward therethrough from the locations for the respective current paths and with a transverse groove in the back thereof communicating with the said holes, the said base being thus adapted either for mounting conducting means including a terminal at each end of each path or for mounting conducting means omitting the terminal at one end of each path but including conducting elements located in the said holes and grooves and connecting the said paths.

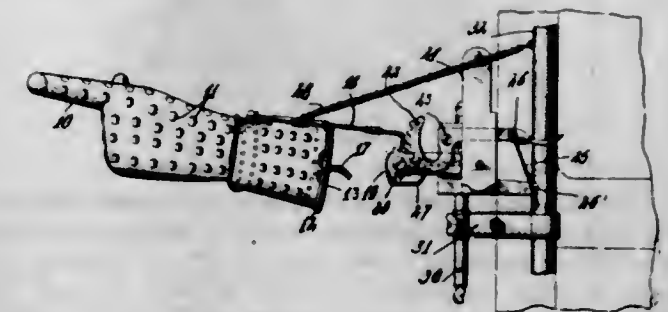
1,645,454. DIRECTION INDICATOR FOR VEHICLES. JUAN SIERRA SANTIAGO, San Juan, P. R. Filed Oct. 14, 1925. Serial No. 62,364. Renewed Aug. 17, 1927. 4 Claims. (Cl. 116-47.)



1. A device of the class described, comprising a signal member, a lever carrying said signal member pivoted to an extension member, a pinion with said extension member

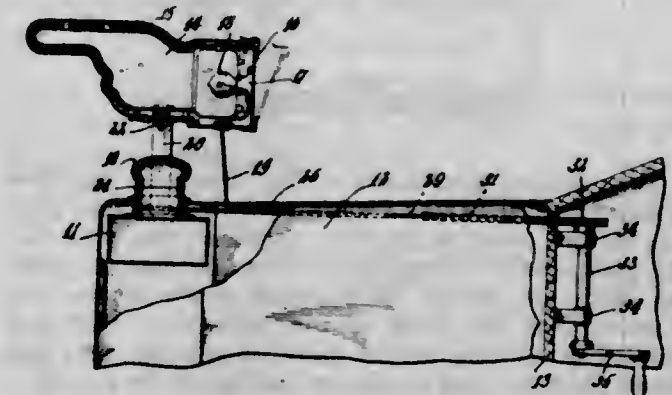
rigidly fastened to the pinion hub, a rack engaging said pinion and having a control handle, an auxiliary control rod rigidly fastened to said control handle, a flexible connection between end of said control rod and a lever pivotally attached another lever with outer ends of both levers pivotally attached to the lever carrying said signal member, a guide and a normal position coil spring.

1,645,455. DIRECTION INDICATOR FOR VEHICLES. JUAN SIERRA SANTIAGO, San Juan, P. R. Filed Oct. 15, 1925. Serial No. 62,496. Renewed Aug. 17, 1927. 5 Claims. (Cl. 116-47.)



1. A device of the class described, comprising a signal member, a support body, a pinion rotatably mounted in said support body, a lever rigidly attached to said pinion, and carrying said signal member, a segmental toothed lever pivotally mounted in said support body, and engaging said pinion, a spring acting between said segmental toothed lever and the support body, normally urging said segmental toothed lever to its uppermost position, a projection with a V-shaped cut, extending from said support body, a lock rod pivotally mounted to said segmental lever, engageable with said V-shaped cut to lock said segmental lever in its lowermost position, said pinion having a portion of its teeth removed, and a stop rod rigidly depending from said support body, and acting against the bare portion of said pinion.

1,645,456. DIRECTION INDICATOR FOR VEHICLES. JUAN SIERRA SANTIAGO, San Juan, P. R. Filed Oct. 16, 1925. Serial No. 62,733. Renewed Aug. 17, 1927. 1 Claim. (Cl. 116-46.)

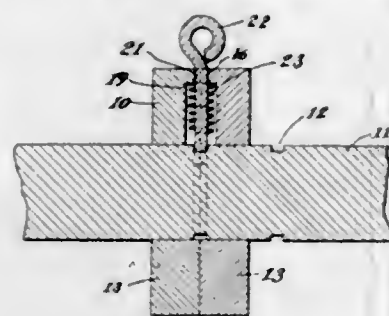


In a device of the class described, having a signal member formed with perforations, and an attaching ring movably mounted on a radiator cap, the combination of a T-shaped horizontal bar containing a slot for means for adjustably securing said signal member, arms depending from each end of said bar, the terminal of said arms being securable to said attaching ring, lugs struck from said bar, and pins rigidly secured in said lugs, said pins being engageable with said perforations.

1,645,457. SET-SCREWLESS COLLAR. MYRON R. SCHALL, Palo Alto, Calif. Filed Sept. 22, 1926. Serial No. 137,132. 2 Claims. (Cl. 287-52.)

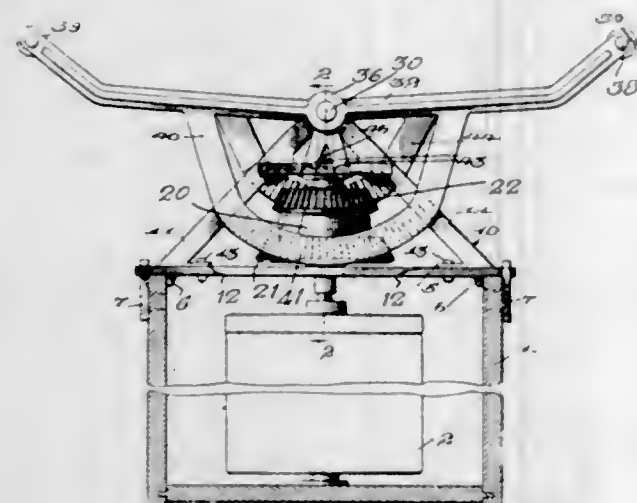
1. In combination, a shaft having a circumferential groove therein, a collar for said shaft, said collar comprising a pair of annular complementary members, each of

said members having a radially disposed substantially flat recess in one face and a transverse substantially semi-circular recess communicating with and extending from the flat recess to the outer periphery of said member, means to secure the members together with the recessed faces in contact to provide a radially disposed substantially rectangular chamber opening into the bore



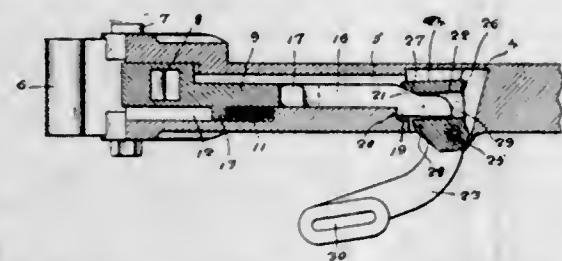
of the collar and a radially disposed bore communicating with said chamber, a plunger having a sliding fit within the chamber to engage the walls of the circumferential groove, a stem extending from the plunger through the radially disposed bore and a spring within said radially disposed bore around the stem to yieldingly hold the plunger in engaged position.

1,645,458. OPERATING MECHANISM FOR ICE-CREAM FREEZERS. FRANK G. SCOTT, New Orleans, La. Filed May 29, 1926. Serial No. 112,649. 4 Claims. (Cl. 74-54.)



1. An operating mechanism of the character described comprising a shaft having a plate fixed thereto, said plate having ratchet teeth on one face, pawls on the other face of the plate, gears located face to face on opposite sides of the plate, one of the gears having pawls on one face co-operable with the teeth of the plate, the other gear having teeth on one of its faces co-operable with the pawls of the plate, and means for oscillating the gears.

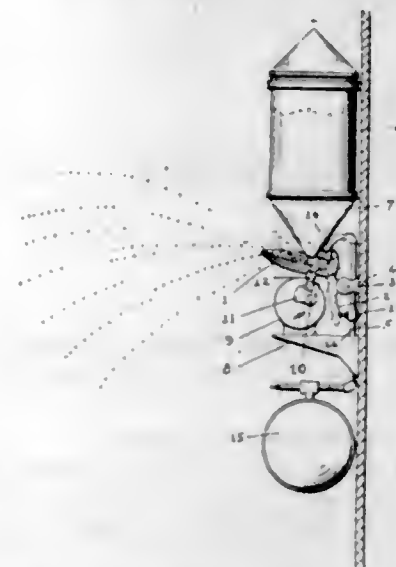
1,645,459. CAR COUPLER. JOHN W. SMITH, Renovo, Pa. Filed Dec. 27, 1926. Serial No. 157,262. 4 Claims. (Cl. 213-116.)



1. A car coupler comprising a hollow draw bar, a knuckle pivoted to the draw bar, a member slidably

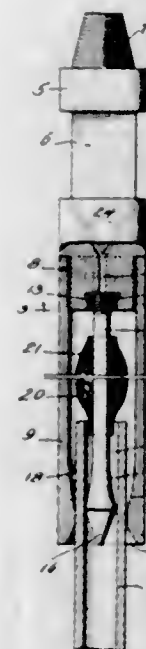
mounted in the draw bar and having a socket therein, a cam on the knuckle engaging the socket so that movement of the knuckle will be communicated to the member, a bolt pivotally connected with the inner end of the member and having a part engaging an inner wall of the draw bar and an actuating member for moving the bolt to releasing position.

1,645,460. AUTOMATIC GRAIN FEEDER. SYLVESTER P. SPAIN, Rochester, N. Y. Filed Oct. 14, 1926. Serial No. 141,598. 5 Claims. (Cl. 119-56.)



1. A poultry feeding device comprising a hopper, a concave pan under the hopper on which the hopper is adapted to feed grain by gravity, means for blowing air into the concave pan from above to blow the grain deposited therein to the front and sides of said hopper and distribute it over a large area.

1,645,461. FISHING TOOL. FLOYD H. STAFFORD, Eastland, Tex. Filed Feb. 7, 1927. Serial No. 166,553. 9 Claims. (Cl. 294-86.)



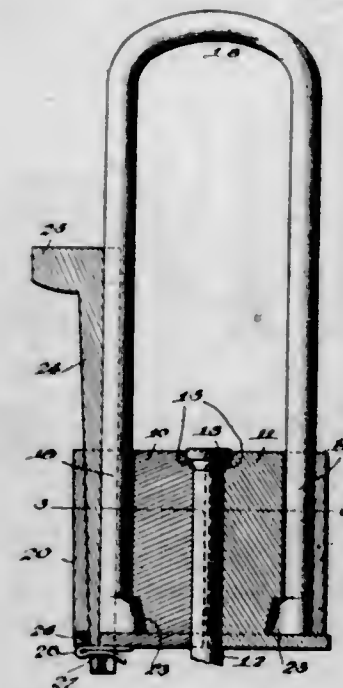
1. In a fishing tool, a vertically disposed barrel open at its lower end to receive a lost tool or other object to be recovered, a fragile container in said barrel adapted to be broken by contact with said object, and gravity-lowered means in said container released by breakage thereof for establishing a tenacious connection between said barrel and said object, said barrel having means independent of said container to prevent loss of said connecting means from the lower end of the barrel.

1,645,462. INSULATED SUPPORT FOR INDUCTANCE COILS. LOUIS STEINBERGER, Brooklyn, N. Y., and GUY HILL, Washington, D. C., assignors to Wired Radio, Inc., New York, N. Y., a Corporation of Delaware. Filed Dec. 11, 1922. Serial No. 606,104. 2 Claims. (Cl. 175-359.)



1. A device of the type described which comprises, a hollow rod of insulating material having vent openings in its walls, pins mounted in said rod and extending outwardly therefrom, a conductor and hollow studs rigidly mounted on said conductor and fitting over said pins.

1,645,463. COMBINATION CLAMP. ELMER R. THOMAS, Shidler, Okla., assignor of one-half to Victor Harris, Shidler, Okla. Filed July 27, 1926. Serial No. 125,305. 4 Claims. (Cl. 287-113.)

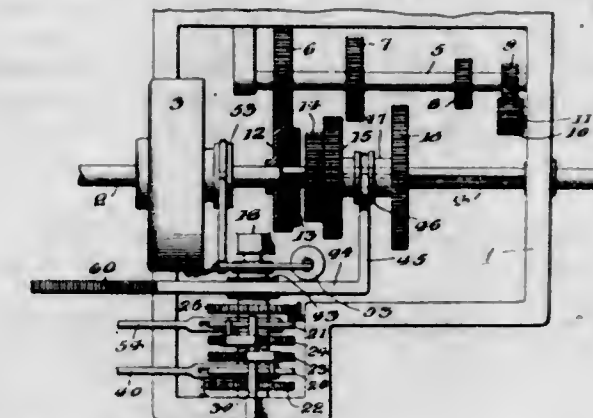


1. A combination clamp including a stirrup the extensions of which are provided with enlargements at their free ends, a pair of clamping members having their abutting faces formed with rod receiving grooves, and also having grooves in their outer faces and sockets at one end of the outer grooves, said grooves and sockets respectively receiving the extensions and the enlargements of the stirrup, a clamping band around the clamping members and the stirrup extensions, and a wedge member between the said band and one of the stirrup extensions whereby to force the clamping members laterally into clamping position.

1,645,464. GEAR SHIFT FOR MOTOR VEHICLES. ALFRED P. TREDWAY, Shoals, Ind. Filed Feb. 4, 1926. Serial No. 86,059. 13 Claims. (Cl. 74-58.)

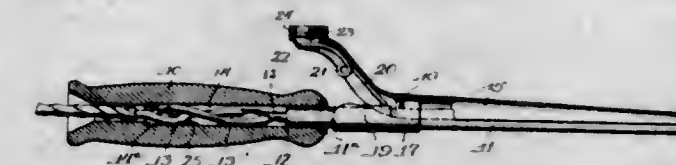
1. In a gear shifting device of the character described, the combination of a movable gear, shifting means con-

nected with and for moving the gear, means connected with the shifting means for moving the gear in one direc-



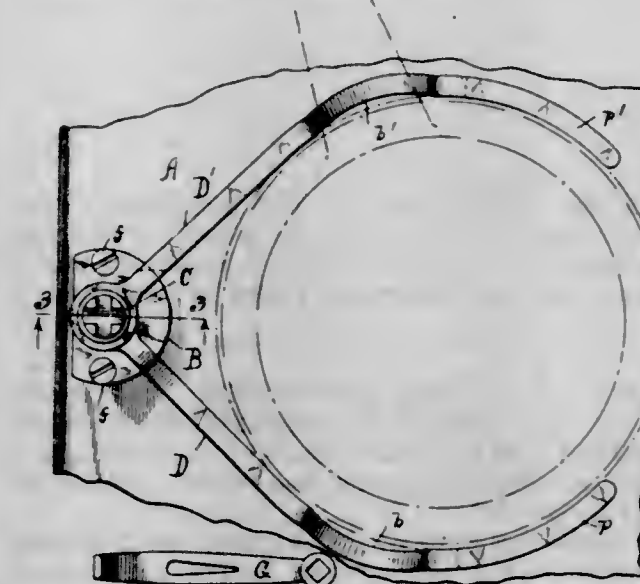
tion, and secondary means connected with the shifting means independently of the first-mentioned moving means for moving the gear in the opposite direction.

1,645,465. CURLING IRON. WILLIAM H. WALKER, Blue Island, Ill., assignor to Mackie-Lovejoy Manufacturing Co., Chicago, Ill., a Corporation of Illinois. Filed Apr. 2, 1926. Serial No. 99,254. 5 Claims. (Cl. 132-37.)



1. A device of the class described comprising a handle, a curling member secured thereto, a sleeve slidable on said member, said member and sleeve being shaped to provide inter-locking portions adapted to retain said sleeve and member in operative position, said sleeve being provided at one end with a pair of ears, a clamping member pivoted to said ears, and a spring secured to said clamping member and having one end bearing against said sleeve adjacent said ears for moving said clamping member into engagement with said curling member.

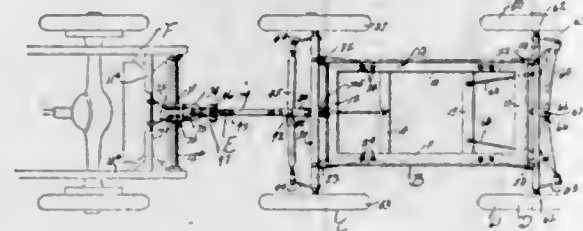
1,645,466. GALLEY-STOVE TONGS. ALBERT WESTLAKE, New York, N. Y. Filed May 26, 1927. Serial No. 194,270. 1 Claim. (Cl. 126-24.)



Galley-stove tongs which comprise a supporting base, clamping arms revolvably mounted thereon, and adapted

to be turned into overlapping position toward each other whereby they may hold an article placed there-between and means for retaining said arms in said holding relation when desired.

1,645,467. TRAILER. JAMES F. WHITE, Indianapolis, Ind. Filed Nov. 19, 1925. Serial No. 70,148. 14 Claims. (Cl. 280—33.55.)



1. In a trailer or other vehicle the combination of a frame, suspension springs connected with the frame, and running gear connected with said suspension springs including a front axle oscillatively connected to a pair of suspension springs at opposite sides of the frame to permit the oscillation of the axle substantially about its own axis.

1,645,468. EGG METER. ALFRED H. WILKE, Boise, Idaho. Filed Jan. 3, 1927. Serial No. 158,647. 1 Claim. (Cl. 33—168.)

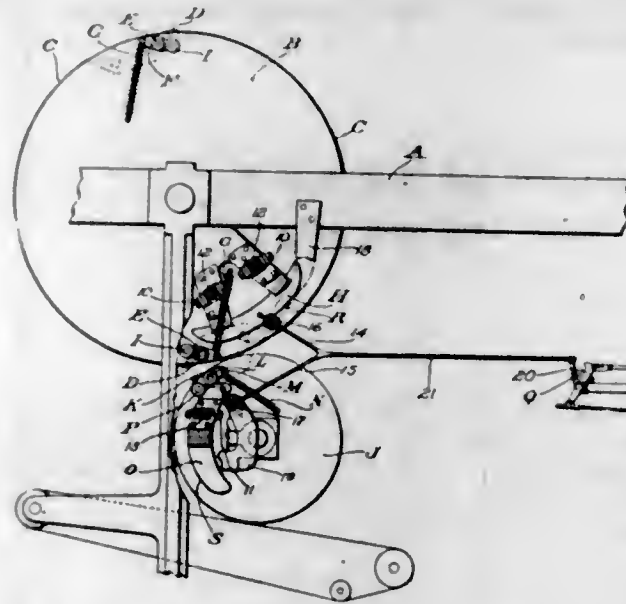


In an egg meter a gauge element comprising a body portion having one of its edges for a part of its length inset to provide a gauging portion to gauge the size of an egg air cell for a determined period of incubation.

1,645,469. DEVICE FOR ELIMINATING THE PRINTING OF IMPRESSIONS ON IMPRESSION-CYLINDER PACKINGS. FRANK J. ALBERT, West New York, N. J. Filed Jan. 19, 1927. Serial No. 162,136. 10 Claims. (Cl. 101—409.)

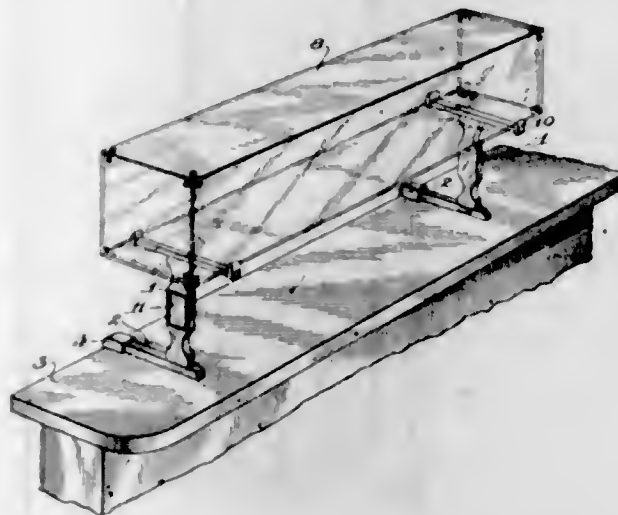
1. In a printing press of the character specified which is equipped with a sheet feeder having an automatic throw-off mechanism controlled by said feeder; means operable by and with the throw-off mechanism when actuated, for preventing the normal opening of the impression and delivery cylinder grippers to effect the re-

lease of the sheets from the impression cylinder and for removal by the delivery cylinder, whereby to cause the



sheet on the impression cylinder to remain thereon for protecting the packing and preventing an impression being registered thereon.

1,645,470. STORE FURNITURE. HENRY ADAM ALBERT, Boston, Mass. Filed Aug. 31, 1926. Serial No. 132,878. 2 Claims. (Cl. 211—12.)

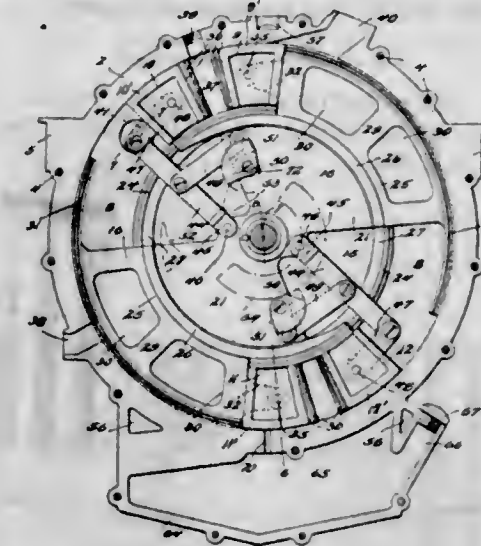


2. A device of the character described comprising a vertical body portion, a supporting foot fixed to the lower end of the body portion, said foot being of a substantial length and adapted to be arranged transversely of and extend across a counter top, the said foot having a counter margin engaging portion, and a horizontal supporting arm fixedly mounted intermediately of its ends upon the upper extremity of the body portion.

1,645,471. INTERNAL-COMBUSTION ENGINE. WILLIAM D. ARMITAGE, New Bedford, Mass. Filed Jan. 11, 1924. Serial No. 685,693. 3 Claims. (Cl. 123—11.)

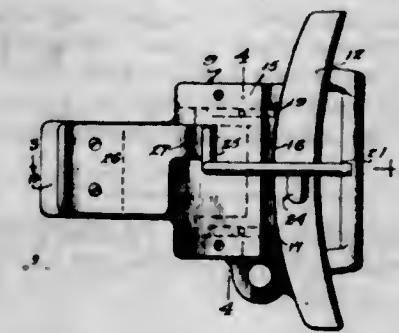
2. In an internal combustion engine of the class described, a toroidal combustion chamber, a flywheel rotatably mounted about the axis of said chamber, extending through the inner wall thereof and contacting with the outer wall thereof, a power piston rigid with said fly-

wheel, an explosion piston, a piston rod connecting said explosion piston to a point near the center of said flywheel, a cam, having a cam-bar, pivoted to said flywheel,



a link connecting said cam-bar and an intermediate point in said connecting rod, and a stationary cam adapted to be engaged by said cam on said flywheel.

1,645,472. SPUDDING SHOE. JOHN A. BELLMAN, Henryetta, Okla., assignor to Minton M. Payne and W. G. Flournoy, Henryetta, Okla. Filed July 19, 1926. Serial No. 123,508. 6 Claims. (Cl. 255—33.)



2. A spudding shoe comprising a base having a grooved portion, a housing arranged on said base, a movable contact member arranged in said housing, a rod extending through said housing, a finger projecting from said rod and adapted to engage said movable contact member, a handle carried by said rod exteriorly of said housing, and a stop arranged in the path of said handle to limit its movement in one direction.

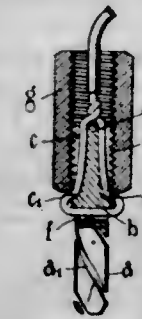
1,645,473. SURFACE TEST INDICATOR. ALFRED G. CASH, Rochester, N. Y. Filed Jan. 17, 1927. Serial No. 161,535. 1 Claim. (Cl. 33—172.)



A surface test indicator comprising, a casing having two side walls, and two end walls connecting the side walls, a contact member mounted between the two side

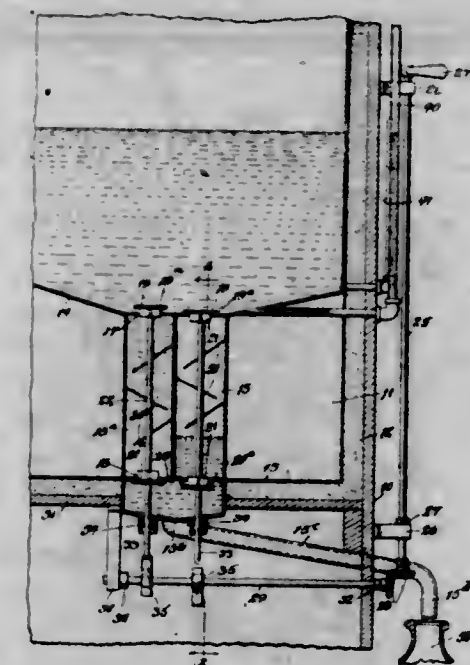
walls at one end of the casing, an indicating plate connecting the end walls at the opposite end of the casing, spaced from the side walls and projecting beyond both side walls, the projecting portion having graduations on opposite sides thereof, an indicating member pivotally mounted within the casing and having two pointers operating on opposite sides of the indicating plate, and means connecting the indicating member with the contact member.

1,645,474. ELECTRIC-WIRE ATTACHMENT. ALBERT EDWARD CHAPMAN, Wallington, and CHARLES REGINALD COOK, Boreham, England. Filed Jan. 17, 1927. Serial No. 161,680, and in Great Britain Jan. 12, 1926. 4 Claims. (Cl. 173—269.)



1. An electric wire attachment comprising a wire receiving member provided with two diametrically opposite longitudinal side grooves of sufficient depth to receive the wire except at one end of the member and with a transverse opening extending from one side to the other, in combination with a hollow clamping member which engages with the outer surface of the said wire receiving member to clamp the wire with its end surface at the point where the wire protrudes from the receiving member, the said point lying outside the said hollow clamping member when the wire is clamped in position and the transverse opening located outside said point.

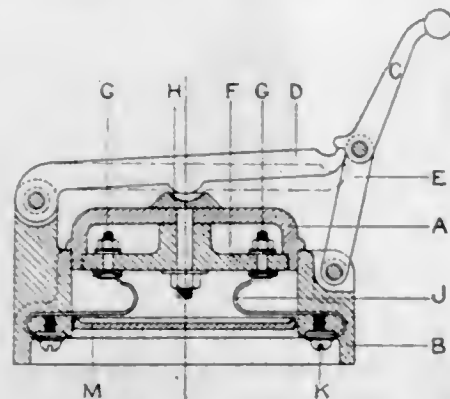
1,645,475. LIQUID MEASURING AND DISPENSING APPARATUS. DAVID COHEN, Brooklyn, N. Y. Filed Feb. 5, 1926. Serial No. 86,292. 6 Claims. (Cl. 221—112.)



1. A liquid dispensing apparatus including a reservoir, a pair of measuring cylinders disposed below the reservoir and communicating at their upper ends therewith,

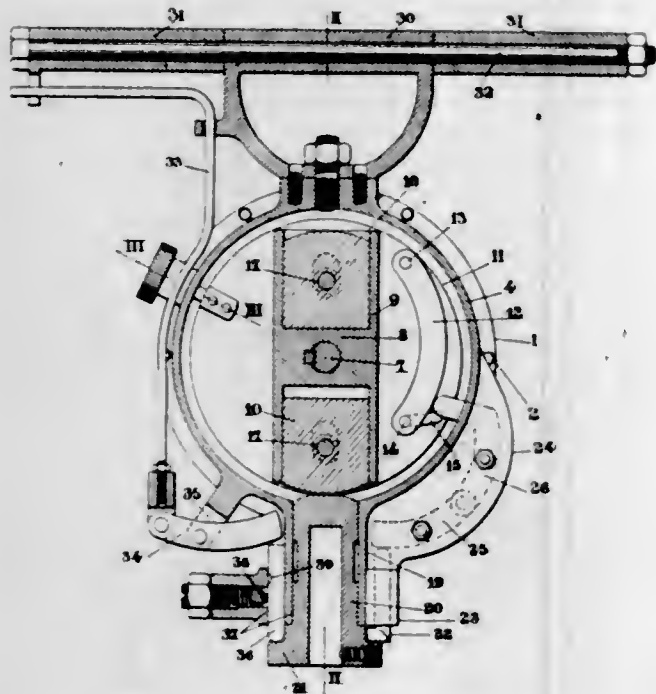
vertically disposed valve stems arranged within the measuring cylinders, a header communicating with the lower ends of the measuring cylinders, inlet and outlet valves fixed to the valve stems operable to selectively close communication either between the cylinders and reservoir or between the cylinders and header, said valve stems including operating extensions projecting through and extending below the header, a horizontal cam shaft mounted under the header, lifting cams on the shaft engageable with the depending ends of the valve stems to force the latter upwardly and close the outlet valves.

1,645,476. ELECTRICAL CUT-OUT. HAROLD VICTOR MORRISON FELL, San Fernando, and WALDO FERDINAND GAULKE, Buenos Aires, Argentina. Filed Aug. 10, 1922, Serial No. 581,005, and in Argentina June 28, 1922. 2 Claims. (Cl. 173-324.)



1. An electrical cut-out comprising an annular base, radially arranged and upwardly extending spring contacts arranged in the base and each provided with means to connect a conductor thereto; a top piece detachably fitted in the base and provided with contacts for coaction with the base contacts and each provided with means to connect a conductor thereto, and means to releasably hold the top piece in place.

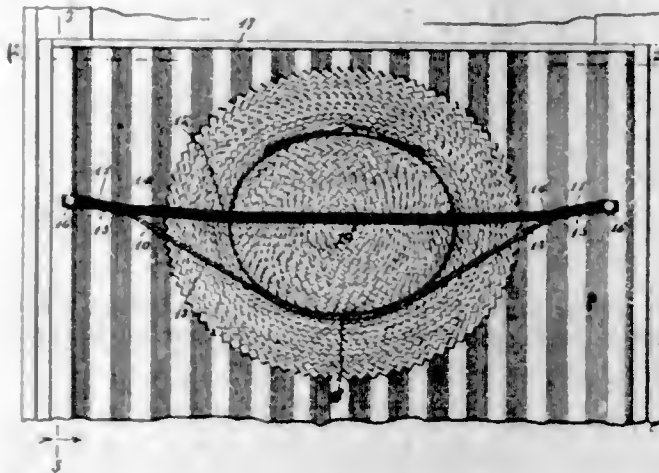
1,645,477. IMPACT DEVICE. NICOLAS GEORGEVITCH, Paris, France. Filed May 12, 1923, Serial No. 638,575, and in France Jan. 22, 1923. 4 Claims. (Cl. 78-34.)



1. An impact device or hammer comprising a rotary shaft, a member fixed on the shaft and provided with a socket, a weight slidably mounted in said socket, said

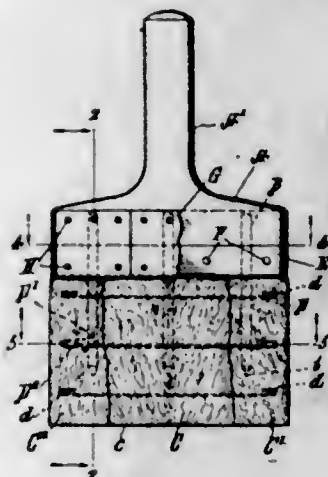
socket being slotted, a pin on the weight extending through said socket, a rotary guide on said pin and a cam co-operating with said guide for moving said weight against action of centrifugal force and for suddenly releasing the same just before the moment of impact.

1,645,478. HAT HOLDER. JAMES HENRY GIBSON, Brooklyn, N. Y. Filed June 24, 1926. Serial No. 118,399. 6 Claims. (Cl. 45-13.)



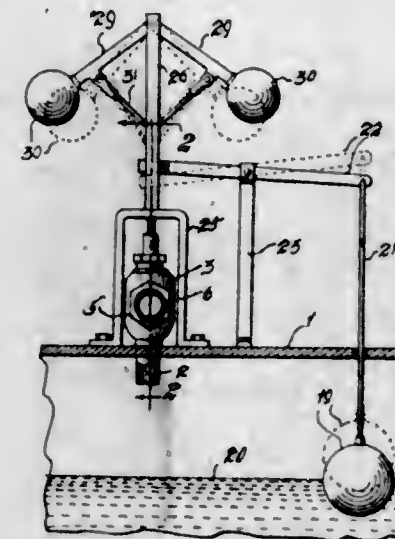
6. The combination with a support, of a hat holder comprising an elastic strip, means attaching each end of said elastic strip to said support, said elastic strip disposed contiguous said support, and a flexible inelastic member having the opposite ends thereof secured to said elastic strip.

1,645,479. PLASTER CLEANER. ELLIOTT GOLDEN, Mobile, Ala. Filed May 31, 1927. Serial No. 195,421. 4 Claims. (Cl. 15-244.)



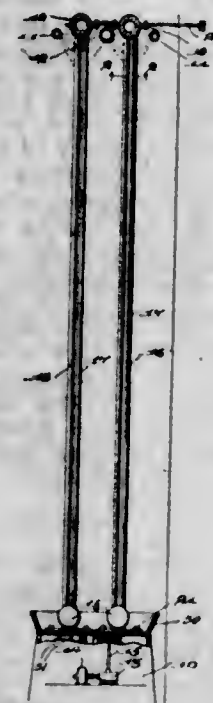
1. As an article of manufacture, a cleaner comprising a T shaped head provided with a handle and with sockets, wooden pegs secured in said sockets and projecting downwardly from said head, downwardly projecting strips of sponge secured to said head and normally embedding said pegs, and metal wires rove through said strips of sponge transverse to said pegs, said wires having their ends bent to engage said strips, the said wires and pegs forming an adjustable covered frame for said sponge strips, substantially as and for the purposes described.

1,645,480. AUTOMATIC TRIP VALVE FOR STORAGE TANKS. BIGG GREGORY and CLARENCE C. MITCHELL, Vernon, Tex., assignors of three-sixteenths to Jess Love, three-sixteenths to E. L. Isham, and one-fourth to Charlie Thrasher, Wilbarger County, Tex. Filed Apr. 20, 1920. Serial No. 104,667. 2 Claims. (Cl. 137-68.)



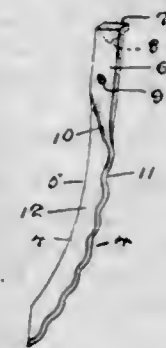
1. An automatic valve for oil tanks, comprising a valve body including a valve with a stem and frame means for supporting the stem; means for tripping said stem to close the valve, including a hollow air-tight ball with rods pivotally connecting said ball with said stem; an annular notch in the stem; a plurality of dogs pivoted to said frame means and co-operating with said notch; weights having rods, the rods cooperating with said stem; said ball moving upward on rise of liquid in said tank and releasing said dogs from said stem, causing the stem to fall by reason of the weights to close the valve.

1,645,481. CONDENSING APPARATUS. FRED G. GRELL, San Antonio, Tex. Filed Aug. 6, 1926. Serial No. 127,660. 6 Claims. (Cl. 257-35.)



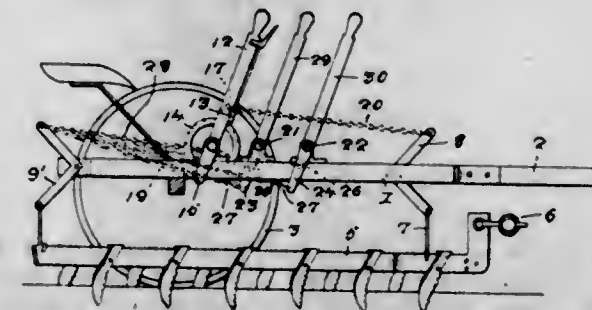
1. A condensing apparatus comprising upper and lower headers, spaced pipes connecting the upper and lower headers, each of the pipes having a portion projecting into the upper header to cause gases passing through the header to assume a spiral path when passing through said pipes.

1,645,482. HARROW TOOTH. GROVER C. HALEY, Cynthiana, Ky. Filed June 30, 1926. Serial No. 119,731. 1 Claim. (Cl. 97-201.)



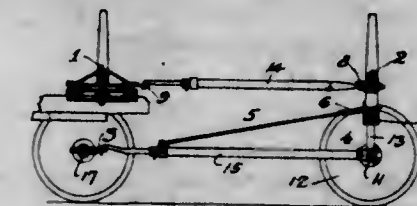
A harrow blade comprising a member having an upper flat portion which is adapted to be secured to a harrow frame, said blade, from its said flat portion, being twisted upon itself and widened, on its cutting edge to its outer end, the cutting edge of the tooth being corrugated and the outer face of the said tooth, from its said twisted portion to its end being dished inwardly.

1,645,483. WEEDER AND CULTIVATOR. GROVER C. HALEY, Cynthiana, Ky. Filed Sept. 20, 1926. Serial No. 136,637. 1 Claim. (Cl. 97-158.)



In a gang toothed cultivator, a wheeled supporting frame, angle tooth carrying frames below the supporting frame and to which the draft animals are attached, forward and rear bell crank levers pivoted to the supporting frame, links connecting the lower arms of the levers with the inner and angle ends of the harrow frames, shafts having central cranks and cranked ends, flexible elements connecting the end cranks with the rear bell crank levers, flexible elements connecting the central cranks with the forward bell crank levers, an operating lever for each of said shafts, other shafts journaled in bearings on the main frame forward of the first mentioned shafts, each of the last mentioned shafts having cranked ends, the outer cranks being of a greater length than the inner cranks, flexible connections between these cranks and the rear bell crank levers and an operating lever for each of the last mentioned shafts.

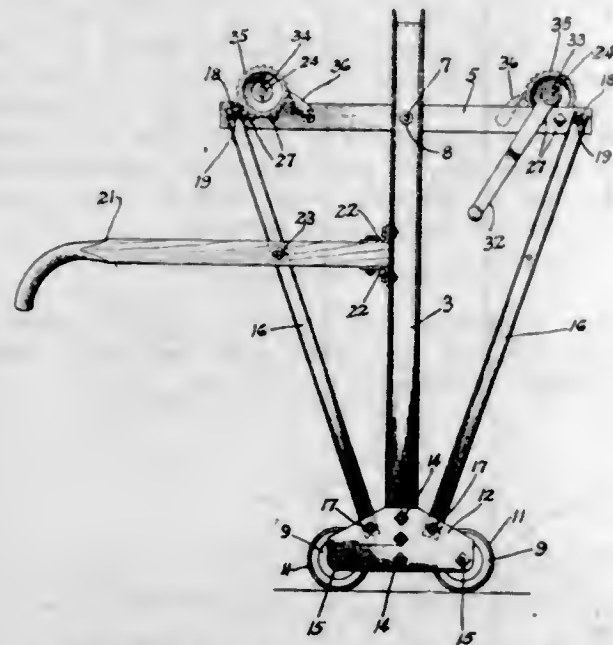
1,645,484. ELASTIC TRAILER FOR MOTOR CARS. HARRY DANIEL HALLENBERG and ARMAZ FREDRIK HYNINEN, Tammisuo, Finland. Filed June 11, 1925, Serial No. 36,466, and in Finland June 19, 1924. 2 Claims. (Cl. 280-33.4.)



1. A trailer for tractors and other vehicles, comprising a wheeled axle; a head supported on and connected with the axle; a head fastened to the rear end of the

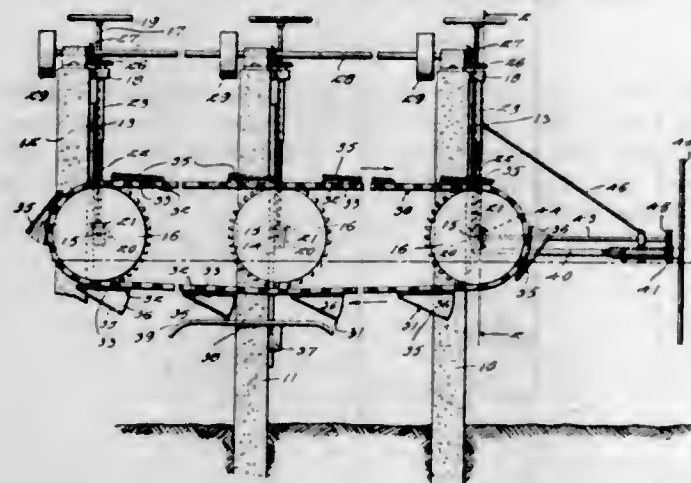
tractor frame; a reach articulated at its rear end to said axle and detachably jointed at its front end to the rear axle of the tractor; and a pole located above and parallel with the reach and articulated at its rear end to the trailer head and detachably jointed at its front end to the tractor head, said detachable joints enabling the trailer to swing laterally and to move vertically relative to the tractor.

1,645,485. TRUCK. WILLIAM E. HARDACKER, Minneapolis, Minn., assignor to American Plumbing and Heating Co., Minneapolis, Minn., a Corporation of Minnesota. Filed Dec. 8, 1923. Serial No. 679,411. 4 Claims. (Cl. 212-142.)



1. A device of the class described comprising a vertically elongated arch frame providing spaced legs, a pair of plates attached to each leg at the bottom in spaced relation, the plates extending in a direction perpendicular to the plane of the legs, a pair of wheels journaled between each pair of plates, having their rotative axes transversely of the plates, horizontal cross members attached to their mid portions one to each leg and extending in the same direction as the wheeled frame, brace members connecting at one end with the ends of the horizontal cross members and connecting at the opposite ends between the plates, and hoisting shafts journaled transversely of said cross members symmetrically at opposite sides of the frame.

1,645,486. CURRENT MOTOR. JOHN H. HARDCASTLE, Goodlettsville, Tenn. Filed Jan. 25, 1927. Serial No. 163,459. 4 Claims. (Cl. 170-90.)



1. A current motor comprising a plurality of standards aligned longitudinally of the current, a horizontal bearing vertically adjustable upon each standard and directed

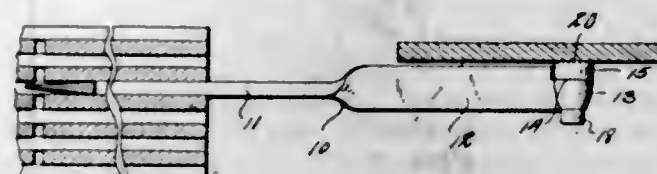
transversely thereof, a shaft rotatably mounted in each bearing, sprockets carried by opposite ends of each shaft, chains engaging corresponding sprockets of said shafts, buckets carried by the chains, an arm extending forwardly from the support or standard arranged furthest upstream, a rotatable deflector carried by said arm and extending transversely of the current and a driving connection between said deflector and one of said shafts.

1,645,487. COMBINATION LIGHT. WALTER HARLING, Cleveland, Ohio. Filed Apr. 17, 1925. Serial No. 23,923. 1 Claim. (Cl. 177-329.)



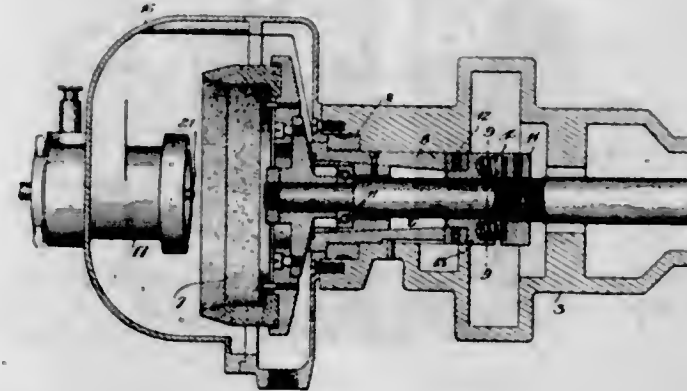
A signal device of the character described comprising a casing, a source of energy mounted therein, a cylindrical casing provided with indicia, a frusto-conical base portion arranged between the casing, a non-conducting core supported in the frusto-conical base portion and extending into the casing second mentioned, said non-conducting core being provided with a plurality of radiating recesses, sockets in said recesses, illuminating bulbs threadably mounted in said sockets, a conductor rod passing centrally through the core and having electrical contact with the inner ends of each of the illuminating bulbs and the battery respectively, metallic strips depending from said sockets and terminating in curved spring arms, spring arms secured to the frusto-conical base portion which arranges the last mentioned arms in close proximity to the spring arms first mentioned, and a button secured to each of the spring arms last mentioned for moving the latter to close a circuit therebetween, a source of energy arranged in the casing first mentioned and being in connection with said circuit.

1,645,488. LUMBER-PILING JACK. MERVIN C. JOHNSON, Loyalton, Calif. Filed Nov. 30, 1926. Serial No. 151,745. 5 Claims. (Cl. 193-42.)



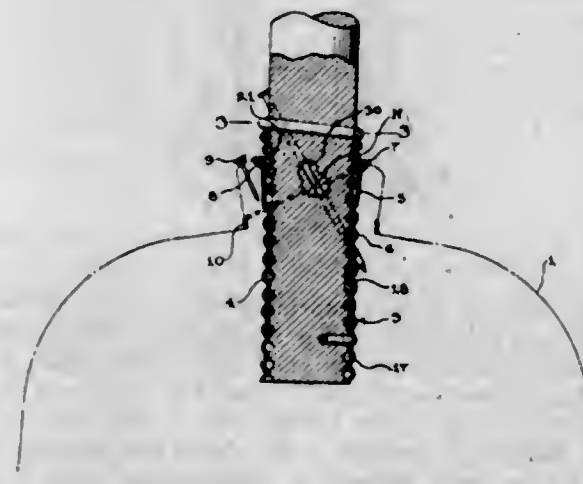
1. A jack for piling lumber comprising a bar having an eye at one end, an annular cup-shaped member supported upon the eye and projecting above the bar, and a bolt loosely holding the member in place but permitting its rotation.

1,645,489. GEAR-GRINDING MACHINE. LA ROY E. JOLLS, Detroit, Mich., assignor, by mesne assignments, to Gleason Works, Rochester, N. Y., a Corporation of New York. Filed Aug. 2, 1923. Serial No. 655,248. 5 Claims. (Cl. 51-52.)



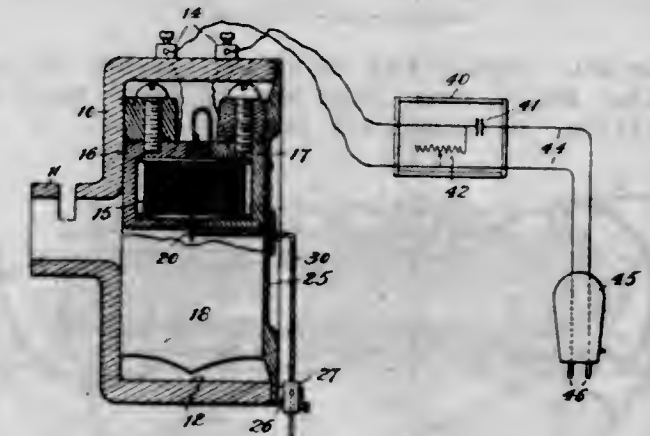
1. A gear grinding machine comprising a blank carrier, a support, a driving shaft mounted on the support, a driven shaft operated by the driving shaft and having endwise movement relatively thereto, an endwise adjustable box in which the driven shaft is supported, a collar attached to the driven shaft, and springs located between said collar and said endwise adjustable box and acting to hold the shaft against endwise movement relatively to the box.

1,645,490. DETACHABLE FASTENING FOR HANDLES. CHARLES MALCOLM KEENER, Atlanta, Ga., assignor to Walter H. Zachry, Atlanta, Ga. Filed Nov. 14, 1925. Serial No. 69,089. 1 Claim. (Cl. 306-30.)



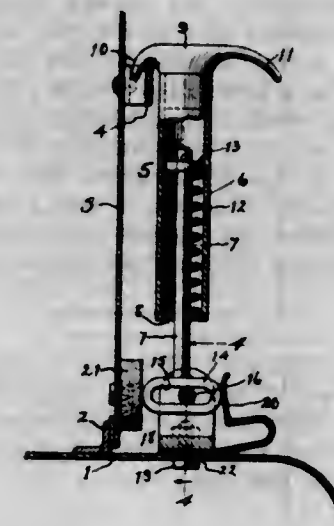
A detachable fastening securing a handle to a head comprising a metal socket, means for securing the metal in the head, said metal socket having an entering section and a cylindrical threaded section, said handle having a spiral groove in its periphery, the convolutions of which are spaced, a spiral wire wound in the groove of the handle, the convolutions of the main portion of the wire being seated in the groove and spaced from each other and projecting beyond the handle to provide a thread engageable with the thread of the socket, said wire having a relatively small number of its convolutions lying in engagement with each other to provide an annular tapered stop shoulder cooperable with the entering section of the socket.

1,645,491. TELEGRAPHPHONE REPRODUCER. LA ROY J. LEISHMAN, Ogden, Utah. Filed May 25, 1926. Serial No. 111,568. 6 Claims. (Cl. 179-100.1.)



1. In combination, a telegraphphone sound box, a prong carrying member readily insertable in a radio tube socket to engage a plurality of the contacts thereof, and a pair of flexible wires connecting the sound box and member.

1,645,492. AUTOMOBILE HOOD CLAMP. LOUIS C. VANDERLIP, Elkhart, Ind. Filed Apr. 20, 1927. Serial No. 185,122. 9 Claims. (Cl. 292-128.)



1. In an automobile hood clamp, the combination with a hood provided with a keeper, of a spring actuated hold-down clamp unit adapted for connection with said keeper, said clamp unit including a spring pressed element which is pivotally mounted in a base element, said spring pressed element being also mounted to slide toward the hood, and cam means operative upon and by oscillation of said clamp unit for slidably moving the lower end of said clamp unit toward the hood, and thereby causing said spring pressed element to engage the hood.

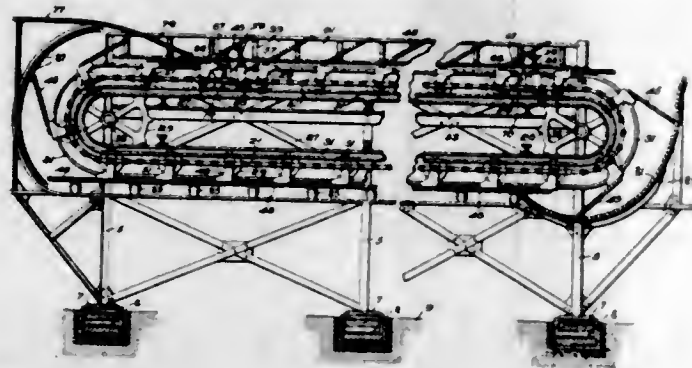
1,645,493. LEAF-SPRING COVER OR WRAPPER. STEPHEN L. YOUNG, Syracuse, N. Y. Filed Sept. 13, 1924. Serial No. 738,371. 4 Claims. (Cl. 267-37.)



1. A cover for leaf springs comprising a base strip extending lengthwise of the spring, a plurality of sections arranged to lap each other, the sections being U-shaped

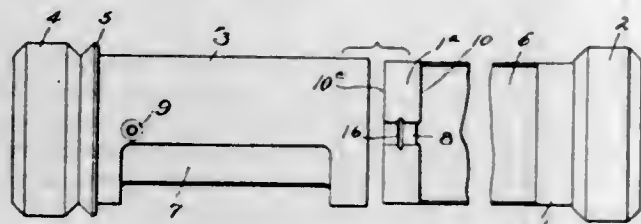
and designed to be arranged astride of the spring, the base strip and the sections having lapping flanges arranged to be folded together to form a joint at the corners of the spring.

1,645,494. AEROPLANE RUNWAY. ARTHUR H. BALDARD, Boston, Mass. Filed Nov. 14, 1923. Serial No. 674,650. 10 Claims. (Cl. 244-2.)



1. An aeroplane runway comprising an endless traveling carrier having means to present an exposed aeroplane supporting surface, the latter comprising a series of supporting plates with connected springs, the latter being adapted to hold said plates at an inclination and presenting a series of yieldable inclined obstructions adapted to yield under the advance of the aeroplane, means to hold the supporting members against the action of the springs to present a substantially flat runway, devices to release the supporting members as required, the same comprising releasing devices acting on said holding means when the carrier is moved in a given direction to place the runway in a condition to receive an alighting aeroplane, means to place the runway in a substantially flat condition for the take-off of an aeroplane when the carrier is propelled in the opposite direction, a system of guiding supports for said carrier, and means for driving the carrier including starting and stopping and speed varying devices.

1,645,495. PNEUMATIC DISPATCH CARRIER. EDWARD C. BENDEL, St. Louis, Mo., assignor to The Lamson Company, Syracuse, N. Y., a Corporation of Massachusetts. Filed Sept. 9, 1926. Serial No. 134,398. 10 Claims. (Cl. 243-34.)

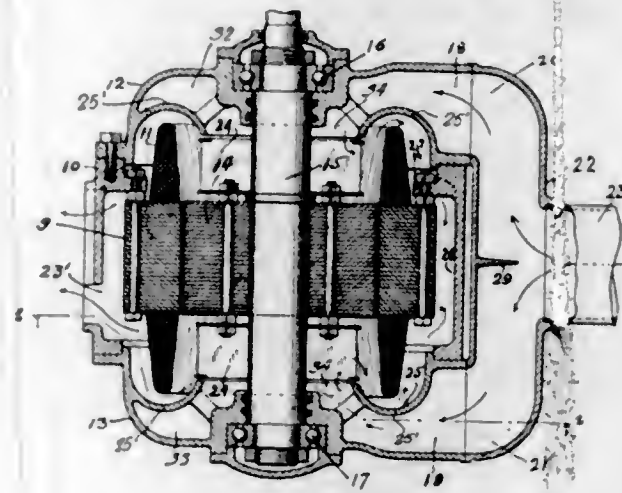


1. A pneumatic dispatch carrier of take-apart type having relatively rotatable telescoping shells, said shells being separable by relative axial movement when relatively rotated to a predetermined position, and a resilient clip adapted to be interposed between elements of the respective shells to prevent relative axial movement of the shells when in said predetermined position.

1,645,496. INCLOSED AND VENTILATED ELECTRIC MOTOR. CARL L. DAUN and PAUL E. KELLER, Milwaukee, Wis., assignors, by mesne assignments, to Splittorf Electric Company of Wisconsin, Milwaukee, Wis., a Corporation of Wisconsin. Filed Jan. 20, 1923. Serial No. 613,838. 9 Claims. (Cl. 172-36.)

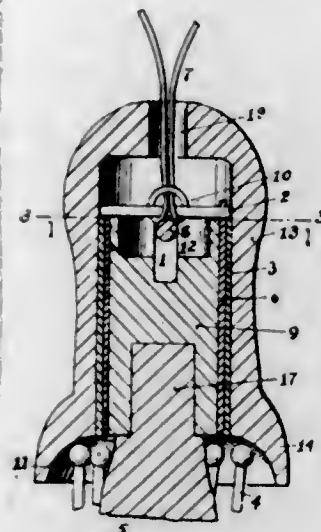
1. In a dynamo electric machine the combination of a rotor, a stator of substantially annular form, a dust excluding casing inclosing said rotor and stator, an air

supply conduit connected with said casing, an air discharge conduit connected with said casing, air impelling means for inducing a flow of air through said casing from



said supply conduit to said exhaust conduit, and supporting means for said stator formed to permit a substantially uniform distribution of said air over and in contact with the ends of said stator.

1,645,497. UMBRELLA HANDLE. JOHN M. DELLINGER, Lancaster, Pa., assignor to Follmer-Clogg & Company, New York, N. Y., a Corporation of New York. Filed July 10, 1926. Serial No. 121,629. 3 Claims. (Cl. 135-44.)

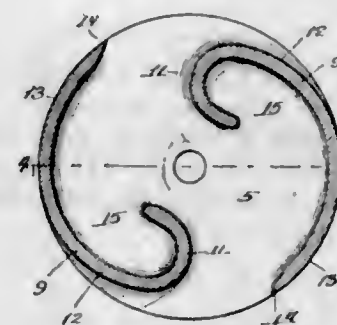


1. In an umbrella comprising ribs, a shank and a handle, said handle having a longitudinal socket therein, extending inward from its end toward its shank, a slot extending through said handle from the inner end of this socket to the top of the handle and an integral tip cup, a stud immovably secured to the shank and slidable longitudinally in said socket in combination with a stop regulating the distance of the movement of said stud in said socket so that the distance said stud can be withdrawn from the socket is limited to clearing the tip cup and the ribs, and a carrying cord passing through said slot in said handle and movable freely therethrough and secured within said handle to the said stud.

1,645,498. CENTRIFUGAL PUMP. AUGUSTUS C. DURBIN, Jr., Chicago, Ill., assignor to Chicago Pump Company, Chicago, Ill., a Corporation of Illinois. Filed Feb. 7, 1927. Serial No. 166,390. 10 Claims. (Cl. 103-115.)

1. In a centrifugal pump impeller, a vane of uniform thickness throughout, formed at its forward end with a U bend to provide a rounded and relatively wide impact

end, the remainder of the vane beyond the U bend extending in a curvilinear manner from a point within and



spaced away from the circumference of the impeller to one on its periphery, and thence part way along the periphery on a concentric path.

1,645,499. SINGLE-PIN SOCKET. PAUL E. FENTON, Thomaston, Conn., assignor to Scovill Manufacturing Company, Waterbury, Conn., a Corporation of Connecticut. Filed Feb. 19, 1927. Serial No. 169,589. 3 Claims. (Cl. 24-150.)



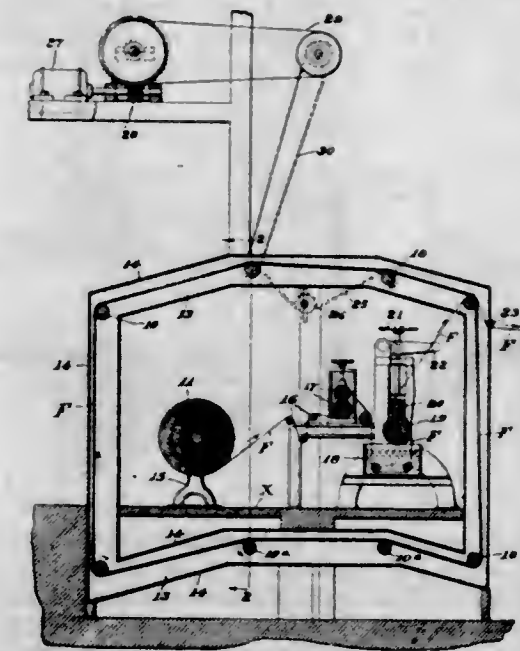
1. A snap fastener member, having a surrounding flange, and a single supporting pin provided with a circular head over which the flange is closed in order to unite the two and permit the pin to be stuck in a suitable body to mount its snap fastener member in position to be engaged by a complementary snap fastener member carried by a body to be attached.

1,645,500. DOUBLE-PIN SOCKET. PAUL E. FENTON, Thomaston, and PERCY DE F. WARNER, Waterbury, Conn., assignors to Scovill Manufacturing Company, Waterbury, Conn., a Corporation of Connecticut. Filed Mar. 7, 1927. Serial No. 173,302. 4 Claims. (Cl. 24-150.)



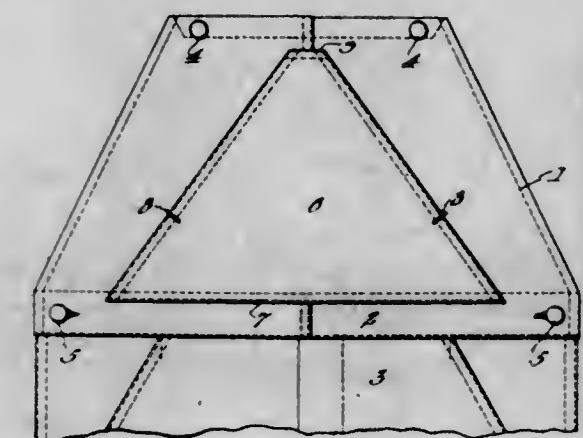
1. A double pin socket, for use as a member of a snap fastener, comprising a double pointed pin having a looped and humped end, the humped portions of said end converging to more or less fully close that end of the pin and to permit the looped end to serve as a resilient member.

1,645,501. METHOD OF AND APPARATUS FOR FEEDING FABRICS. HAROLD I. HUEY, Saylesville, R. I., assignor to Sayles Finishing Plants Inc., Saylesville, R. I., a Corporation of Rhode Island. Filed July 2, 1926. Serial No. 120,225. 17 Claims. (Cl. 271-23.)



1. The method of advancing a sheet of fabric to subject successive portions thereof to a time treatment of equal duration, which consists in feeding a sheet of fabric from a centrally disposed source of supply along a path that surrounds the source of supply so that the fabric passes repeatedly around said path to form a plurality of layers laid one over the other and which travel progressively from the point at which the sheet enters said path to a point at the opposite side of the traveling layers and at which the sheet issues from said path.

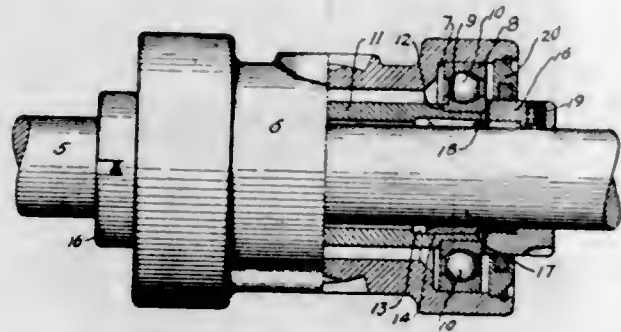
1,645,502. BIB POCKET. STANLEY ADAMS SWEET, New York, N. Y., assignor to Sweet-Orr & Co., Inc., Wappingers Falls, N. Y., a Corporation of New York. Filed Aug. 11, 1925. Serial No. 49,559. 2 Claims. (Cl. 2-227.)



2. A bib pocket, formed of an undivided triangular piece of material stitched at its bottom to the front or outside of the bib and also having its sides stitched to the bib from the bottom stitching partway upwardly and also stitched transversely to the bib across its apical end, the sides being left open below the apical end stitching and the tops of the partway stitching of the

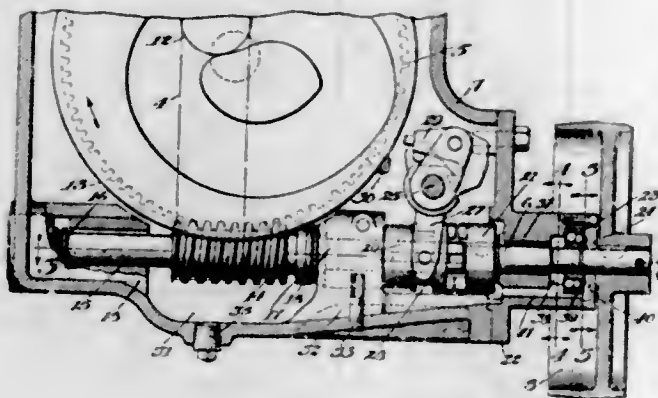
sides and forming right and left hand entrances to the pocket, the bottom stitching on the base line and side lines forming triangular pocket spaces extending laterally beyond said entrances.

1,645,503. HANGER BOX. MERWIN S. VILE, New Britain, Conn., assignor to The Fafnir Bearing Company, New Britain, Conn., a Corporation of Connecticut. Filed Feb. 27, 1926. Serial No. 91,071. 5 Claims. (Cl. 305-189.)



1. In a hanger box, a housing having a radial anti-friction bearing at each end and including inner and outer bearing rings with anti-friction bearing members interposed therebetween, a sleeve within said housing and extending from one bearing to the other, the inner ring of each bearing being mounted on said sleeve, said sleeve having a shoulder to limit the inward movement of each said bearing ring, said sleeve at each end having an internal tapered bore with the small end extending outwardly, a split tapered adapter wedge fitting said tapered bore and having one end projecting to the outside thereof, a nut threaded on the projecting end of said adapter wedge, said nut serving to force said inner bearing ring against said shoulder on said sleeve, said nut further serving to draw said adapter wedge to cause it to frictionally engage the bore of said sleeve and a shaft passing through said adapter wedge and loosely through said sleeve, whereby said sleeve and said inner rings may be caused to rotate with said shaft.

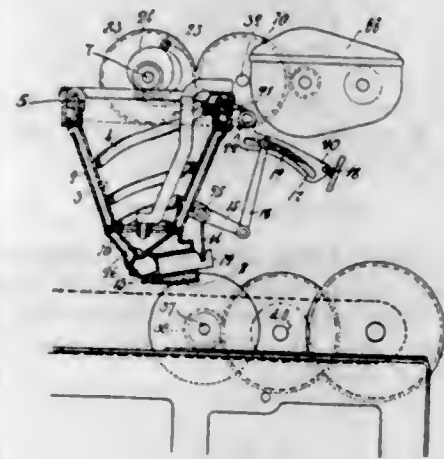
1,645,504. LUBRICANT CONTROL FOR TRANSMISSION. JOSEPH T. WRIGHT, Cincinnati, Ohio, assignor to The J. T. Wright Company, Cincinnati, Ohio, a Corporation of Ohio. Filed Oct. 8, 1925. Serial No. 61,367. 2 Claims. (Cl. 184-13.)



1. In a casing enclosed transmission, a casing, a shaft of the transmission journaled in a bearing, the bearing being component of the casing for extending the shaft through the casing, ducts in said bearing for distributing a liquid lubricant to said shaft, a channel within the casing below the shaft leading obliquely from said ducts, and a clutch member on said shaft rotating therewith and adjacent the inner side of said bearing and rotating in relation to said channel for effecting centrifugal action

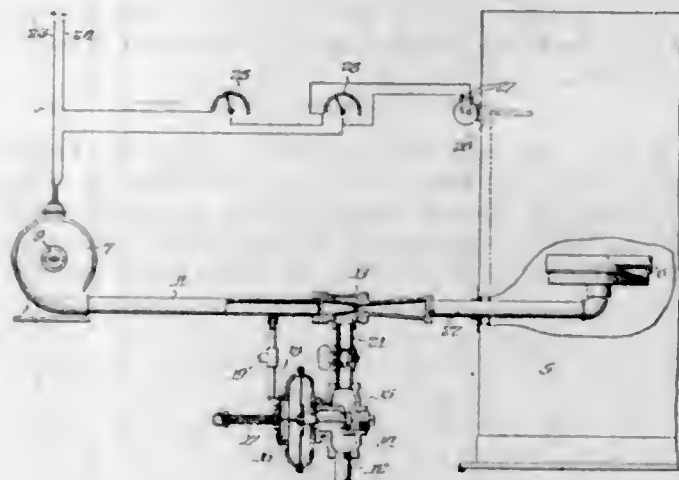
for forcibly withdrawing any excess lubricant within the bearing ducts and directing the same into the casing during the rotation of said shaft, thereby preventing any leakage of oil through said bearing.

1,645,505. MACHINE FOR CASTING CHOCOLATE. JENS JOHANNES JENSEN, Copenhagen, Denmark, assignor to Bøggild & Jacobsen, Copenhagen, Denmark. Filed Oct. 12, 1926. Serial No. 141,215, and in Germany Feb. 24, 1926. 9 Claims. (Cl. 107-28.)



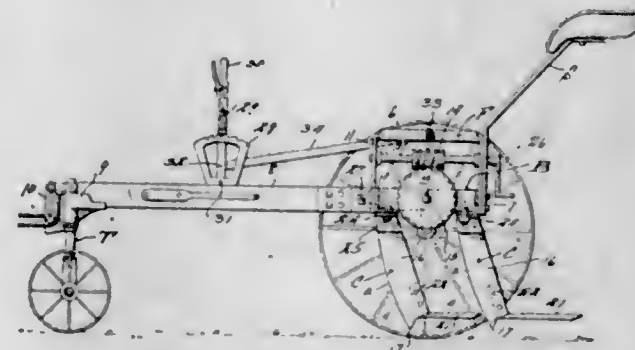
1. In a machine for casting chocolate, an oscillatable hopper, oscillating means therefor, a pump attached to the hopper, a mold plate with molds therein, said mold plate being movable at a uniform speed below the pump, and means for adjusting the length of oscillations of the hopper.

1,645,506. TEMPERATURE REGULATOR FOR FURNACES AND THE LIKE. GARNET W. MCKEE, Rockford, Ill. Filed Apr. 14, 1924. Serial No. 706,292. 5 Claims. (Cl. 236-15.)



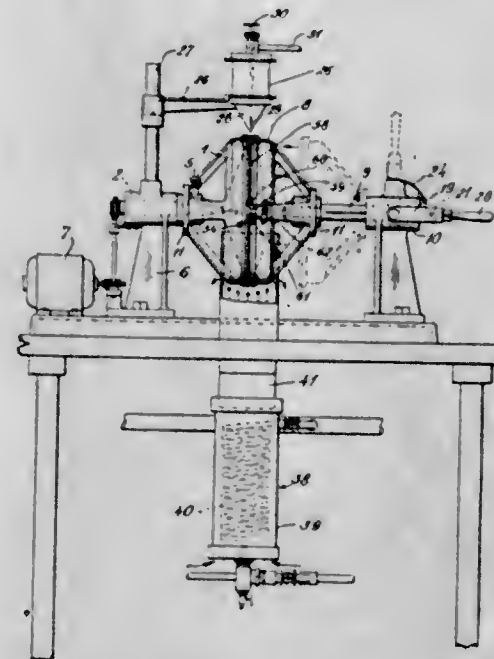
1. In a temperature regulator, the combination of a burner, means including an electrically driven blower for delivering air and gas to said burner, an electric circuit for driving said blower, a maximum speed variable resistance connected in series in said circuit, a minimum speed variable resistance interposed in said circuit, and a thermostatically actuated switch connected in parallel with said minimum speed resistance whereby said last-named resistance is thrown into or cut out of said circuit upon the opening and closing respectively of said switch.

1,645,507. CULTIVATOR. JAMES M. MOYER and HANS C. KOFOED, Yuma, Colo. Filed Jan. 25, 1927. Serial No. 163,450. 2 Claims. (Cl. 97-144.1.)



1. A device of the class described comprising, in combination, a frame, ground engaging means for supporting the frame, a cutting element depending from the frame, said cutting element comprising a vertically disposed blade having a forwardly directed cutting edge, the lower rear portion of said blade being provided with a kerf, laterally directed and substantially horizontally disposed cutting blades having arms extending within the kerf of the first named blade, and means for securing said arms to the first named blade.

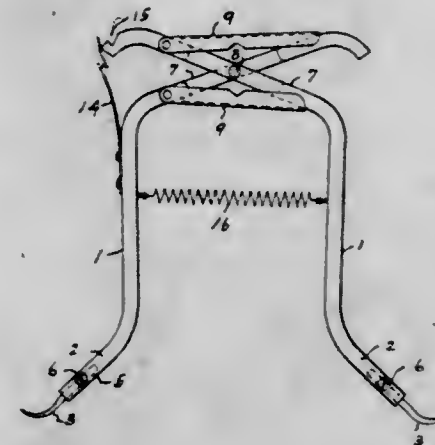
1,645,508. APPARATUS FOR MAKING CONICAL DIAPHRAGMS. CLAIR L. FARRAND, Forest Hills, N. Y., and ERNEST ROSS, East Orange, N. J.; said Ross assignor to Farrand Mfg. Co. Inc., Long Island City, N. Y., a Corporation of New Jersey. Filed Nov. 5, 1926. Serial No. 146,355. 21 Claims. (Cl. 98-1.)



1. The process of uniting the two conical parts of a double cone diaphragm which comprises bending back the peripheral edge portion of each conical part, placing the

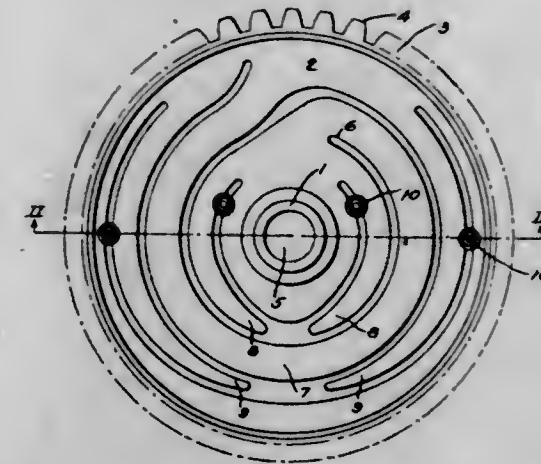
conical parts in juxtaposition so that said bent back peripheral portions form a groove between them, and rotating the two conical parts while feeding adhesive into said groove.

1,645,509. TONGS. HARRY M. TUNSTALL, Corpus Christi, Tex. Filed Oct. 30, 1926. Serial No. 145,218. 5 Claims. (Cl. 294-97.)



1. An implement of the character described including side arms, engaging means at one end of each arm, the other ends of said arms being inwardly turned and pivoted together a grip member carried by the inwardly turned end of each arm and operable against the other arm.

1,645,510. FLEXIBLE ELEMENT. JOSEPH KAYE WOOD, New York, N. Y., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Nov. 8, 1924. Serial No. 748,553. 7 Claims. (Cl. 74-29.)



1. A flexible element comprising a unitary disk-shaped member having a cut-out web portion, a part of which constitutes a spring element, and adjustable means for varying certain characteristics of said spring element.

THE OFFICIAL GAZETTE OF THE United States Patent Office.

Vol. 363—No. 3.

TUESDAY, OCTOBER 18, 1927.

Price—\$10 per year.

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Issue of October 18, 1927.

Trade-Marks.....	326—No. 233,996 to No. 234,321, inclusive.
Labels.....	35—No. 32,856 to No. 32,890, inclusive.
Prints.....	50—No. 10,262 to No. 10,311, inclusive.
Reissues.....	5—No. 16,772 to No. 16,776, inclusive.
Designs.....	48—No. 73,683 to No. 73,690, inclusive.
Patents.....	871—No. 1,645,511 to No. 1,646,381, inclusive.
Total.....	1,335

Interference Notice.

U. S. PATENT OFFICE, Washington, Sept. 28, 1927.
The heirs, assigns, or legal representatives of William C. Walker, deceased, take notice:
An interference has been declared by this Office between the applications for patent of William C. Walker, 1430 Cherry Avenue, Long Beach, Calif.; Thomas M. Hardesty, 3016 East Seventh Street, Long Beach, Calif.; Archie A. Macdonald, care of Hughes Tool Company, Los Angeles, Calif.; Fred Mahaffey, 112 Magnolia Avenue, Long Beach, Calif.; and Harry P. Wickersham, care of Baash Ross Tool Company, Box 1110 Arcade Station, Los Angeles, Calif. The Office having been notified of the death of Walker, a time was set within which the legal representatives of Walker should intervene. This time having expired and no response having been made on behalf of the heirs, assigns, or legal representatives of Walker, notice is hereby given that unless said heirs, assigns, or legal representatives shall enter an appearance therein within 30 days from the first publication of this order the interference will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

WM. A. KINNAN,
First Assistant Commissioner.

Notices of Cancellation.

U. S. PATENT OFFICE, Washington, Oct. 4, 1927.

The Q. T. Manufacturing Co., its assigns or legal representatives, take notice:
A cancellation proceeding having been instituted by this Office upon the application of Clarence B. Jordan, of 1031 South Broadway, Los Angeles, Calif., to effect the cancellation of the trade-mark registration of The Q. T. Manufacturing Co., of 108 John Street, New York, N. Y., No. 148,221, dated November 8, 1921, and the notice of such proceeding sent by registered mail to the said The Q. T. Manufacturing Co. at the said address having been returned by the post office as undeliverable, notice is hereby given that unless said The Q. T. Manufacturing Co., its assigns or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the cancellation will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

WM. A. KINNAN,
First Assistant Commissioner.

U. S. PATENT OFFICE, Washington, Oct. 6, 1927.

Otto W. Breustedt, his assigns or legal representatives, take notice:
A cancellation proceeding having been instituted by this Office upon the application of Lysol, Incorporated, of Bloomfield, N. J., to effect the cancellation of the trade-mark registration of Otto W. Breustedt, of 219 South Alamo Street, San Antonio, Tex., No. 83,337, dated September 12, 1911, and the notice of such proceeding sent by registered mail to the said Breustedt at the said address having been returned by the post office as undeliverable, notice is hereby given that unless said Breustedt, his assigns or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the cancellation will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

WM. A. KINNAN,
First Assistant Commissioner.

U. S. PATENT OFFICE, Washington, June 23, 1927.

Robert Groppler, his assigns or legal representatives, take notice:
A cancellation proceeding having been instituted by this Office upon the application of Lysol, Incorporated, of Bloomfield, N. J., to effect the cancellation of the trade-mark registration of Robert Groppler, of 7 Moitz Street, Berlin, Germany, No. 34,878, dated July 10, 1900, and the notice of such proceeding sent by registered mail to the said Groppler at the said address having been returned by the post office as undeliverable, notice is hereby given that unless said Groppler, his assigns or legal representatives, shall enter an appearance therein within thirty days from the first publication of this order the cancellation will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

WM. A. KINNAN,
First Assistant Commissioner.

Condition of Applications Under Examination at Close of Business October 7, 1927.

Room No.	DIVISIONS, EXAMINERS, AND SUBJECTS OF INVENTIONS.	Oldest new appli- cation and old- est action by ap- plicant awaiting office action.		
		New.	Amended.	No. of appli- cations await- ing action.
(Total number of applications awaiting action, excluding Trade-Mark Division, 71,793; Trade-Mark Division, 1,584. Oldest new case, Feb. 4, 1927; oldest amended, Feb. 3, 1927. The dates given are 1927.)				
112	1. LOEFFLER, F. A., Closure Operators; Fences; Gates; Tillage; Scattering Unloaders.....	May 31	May 31	788
126	2. HADEN, C. F., Bee Culture; Dairy; Preserving; Presses; Tobacco.....	Apr. 30	Apr. 30	960
331	3. LINDSEY, A., Electric Heating; Electrochemistry; Heating; Metal Founding; Metallurgical Appa- ratus; Metallurgy; Metal Treatment; Plastic Metal Working.....	Apr. 30	May 16	1,614
234	4. MERRITT, A. D., Conveyers; Hoists; Handling Apparatus and Implements, and Pushing and Pulling.....	Feb. 17	Feb. 14	1,827
108*	5. MACNAB, J. F., Harvesters; Jewelry; Music; Acoustics; Sound Recording; Knotters.....	Apr. 5	Apr. 12	1,147
318	6. LEWERS, A. M., Chemistry; Chemistry—Carbon Compounds; Substance Preparation.....	Feb. 4	Feb. 15	1,827
106	7. JARBOE, C. G., Amusement and Exercising Devices; Toys; Optics; Photography.....	Apr. 1	Apr. 1	1,527
133	8. HENRY, C. C., Beds; Chairs and Seats; Furniture; Kitchen and Table Articles; Store Furniture.....	Mar. 18	Apr. 9	1,772
221	9. ADAMS, R. E., Pumps; Fluid and Fluid-Current Motors.....	June 21	June 22	904
118	10. HUNTER, O. F., Land Vehicles—Animal Draft Appliances, Boddies and Tops.....	Mar. 28	Apr. 5	1,434
148*	11. ARMSTRONG, H. C., Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Hides, Skins, and Leather Manufactures; Nailing and Stapling; Whip Apparatus; Cutting and Punching Sheets and Bars.....	May 12	May 16	1,052
380	12. PIERCE, P. P., Machine Elements.....	Mar. 15	Mar. 18	1,361
154*	13. CLIFT, J. W., Bolt, Nail, Nut, Rivet, and Screw Making; Chain, Staple, and Horseshoe Making; Driven, Headed, and Screw-Threaded Fastenings; Gear Cutting, Milling, and Planing; Metal Drawing; Metal Forging and Welding; Metal Rolling; Metal Working; Needle and Pin Making; Turning; Boring and Drilling.....	Mar. 15	Mar. 21	1,581
102*	14. BRUMBAUGH, N. J., Compound Tools; Farriery; Metal Bending; Metal Tools and Implements. Making; Sheet-Metal Ware, Making; Tools; Wire Fabrics and Structure; Wire Working; Metal Working, Assembling, and Blanks and Processes.....	Mar. 21	Apr. 14	1,464
329	15. REDROW, W. L., Glass; Paper Making; Plastic Block and Earthenware Apparatus; Plastics.....	Apr. 6	Apr. 11	1,787
242*	16. SPENCER, C. J., Batteries; Resistances and Rheostats; Telegraphy; Telephony.....	May 25	June 11	867
307	17. RAFTER, G. S., Label Pasting and Paper Hanging; Nut and Bolt Locks; Ornamentation; Paper Manufactures; Printing; Type Casting; Sheet-Material Associating or Folding; Sheet or Web Feeding or Delivering; Type Setting.....	Mar. 10	May 2	852
229	18. PORTER, M. E., Motors, Expansible-Chamber Type; Power Plants; Speed-Responsive Devices.....	Apr. 1	Apr. 4	992
236	19. GLASCOCK, E. S., Furnaces; Heating Systems; Liquid and Gaseous Fuel Burners; Stoves and Furnaces.....	May 27	June 4	1,014
179	20. GROVE, S. D., Miscellaneous Hardware; Closure Fasteners; Locks and Latches; Safes; Undertaking.....	June 10	June 20	1,053
212	21. THURBER, W. L., Winding and Reeling; Textiles; Cloth Finishing.....	Apr. 13	Apr. 7	1,111
244*	22. COLWELL, J. H., Aeronautics; Amusement Devices, Games; Firearms, Ordnance, and Explosive Devices; Air Guns, Catapults, and Targets; Boats and Buoys; Ships; Marine Propulsion.....	Apr. 9	Apr. 20	1,177
217	23. GROESBECK, W. D., Coin Handling; Recorders; Registers; Horology; Time-Controlling Mech- anism.....	Mar. 2	Mar. 4	1,020
147*	24. DURAS, C. O., Apparel; Apparel Apparatus; Garment Supporters; Sewing Machines.....	Feb. 9	Feb. 19	1,174
314	25. LIGHTFOOT, J. H., Agitating; Bleaching and Dyeing; Butchering; Classifying Solids; Centrifugal Bowl Separators; Explosive, Pyrotechnic, and Match Compositions; Fertilizers; Mills; Sugar and Starch; Threshing; Vegetable and Meat Cutters and Comminutors.....	Apr. 13	Mar. 28	1,359
228*	26. HODGES, J. S., Electricity, Generation; Motive Power; Prime-Mover Dynamo Plants.....	Mar. 19	Mar. 25	1,010
214	27. ANDERSON, L. S., Brush, Broom, and Mop Making; Brushing, Scrubbing, and General Cleaning; Laundry; Washing Apparatus.....	June 11	June 10	927
225	28. BENSON, A. R., Internal-Combustion Engines.....	Apr. 24	Apr. 28	1,202
160*	29. MORRIS, B. N., Abrading; Button Making; Coopering, Wheelwright Machines; Wood Sawing; Wood Turning; Woodworking; Woodworking Tools.....	Mar. 10	Mar. 29	1,345
243	30. SHIPMAN, J. L., Automatic Temperature and Humidity Regulation; Illuminating Burners; Illumi- nation; Typewriting Machines; Thermostats and Humidistats.....	Mar. 16	May 2	1,232
312	31. HOLMES, W. N., Alcohol; Ammonia, Water, and Wood Distillation; Charcoal and Coke; Gas, Heating and Illuminating; Hydraulic Cement and Lime; Mineral Oils; Oils, Fats, and Glue.....	Mar. 24	Mar. 28	1,725
349	32. BARTHOLOMEW, J. A., Gas and Liquid Contact Apparatus; Heat Exchange; Gas Separation.....	Apr. 27	Apr. 26	1,255
152	33. WYMAN, W. I., Bridges; Hydraulic and Earth Engineering; Masonry and Concrete Structures; Metallic Building Structures; Roads and Pavements; Roofs; Wooden Buildings.....	June 6	June 8	1,619
304	34. SIMPSON, G. R., Electricity-Transmission to Vehicles; Pneumatic Dispatch; Railways, Rolling Stock, Switches, and Signals; Store Service; Vehicle Fenders.....	Mar. 18	Apr. 4	1,040
116*	35. REYNOLDS, E. C., Buckles, Buttons, Clasps, Etc.; Card, Picture, and Sign Exhibiting; Signals and Indicators; Toilet.....	June 6	June 7	1,125
105	36. MORTON, G. L., Automatic Weighers; Geometrical and Measuring Instruments; Force Measuring.....	June 10	June 2	1,174
324*	37. WEAVER, M. E., Electricity, Circuit Makers and Breakers.....	Apr. 1	Apr. 12	1,584
145	38. KRAFT, C. F., Animal Husbandry; Earth Boring; Fishing, Trapping, and Vermin Destroying; Mining, Quarrying, and Ice Harvesting; Stoneworking; Wells.....	Apr. 20	May 7	1,125
220	39. COWLES, A. W., Fluid-Pressure Regulators; Multiple Valves; Valves; Water Distribution.....	Apr. 6	Mar. 29	1,006
269	40. OBERLIN, J. J., Baggage; Bottles and Jars; Package and Article Carriers; Receptacles.....	Feb. 28	Apr. 4	2,318
125	41. BROWN, J. I., Land Vehicles, Wheels, and Axles; Resilient Tires and Wheels; Wheel Substitutes.....	Apr. 26	May 6	820
223*	42. CUTTING, H. O., Electrical Conduits and Housings; Electric Signaling.....	Mar. 1	Mar. 4	1,542
124*	43. HOPKINS, F. M., Baths, Closets, Sinks, and Spitoons; Sewerage; Electricity, Medical and Surgi- cal; Medicines; Surgery; Dentistry; Artificial Body Members; Railway Draft Appliances.....	Apr. 26	June 1	1,130
253	44. SHAEFFER, C. H., Dispensing; Dispensing Beverages; Filling and Closing Portable Receptacles; Refrigeration.....	Feb. 24	Mar. 9	1,349
379	45. GILES, A. H., Pulleys and Shafting; Lubrication; Machine Elements; Bearings and Guides.....	May 10	May 10	1,016
233	46. WOLCOTT, C. L., Concentrating Evaporators; Fluid Sprinkling, Spraying, and Diffusing; Fire Extinguishers; Liquid Heaters and Vaporizers.....	Apr. 1	May 1	1,152
264	47. BARKER, H., Brakes; Clutches and Power Stop Control; Elevators; Fluid-Pressure Brake and Analogous Systems; Motors; Spring Devices.....	Apr. 5	Apr. 12	1,701
213*	48. ROEPKE, O. B., Electricity, General Applications.....	Apr. 1	Apr. 4	1,123
239	49. EDINBURG, F. P., Check-Controlled Apparatus; Domestic Cooking Vessels; Fuel and Igniting Devices; Ventilation; Velocipedes; Driers; Liquid Separation or Purification.....	Mar. 22	Apr. 5	1,138
322	50. BLAKE, C. L., Plastic and Liquid Coating Compositions; Coating; Laminated Fabrics.....	Apr. 18	Apr. 18	1,849
240*	51. BACKUS, C. D., Radiant Energy, Wave Transmission.....	Mar. 23	Mar. 25	1,602
144	52. MORGAN, E. T., Supports; Chucks; Fire Escapes; Ladders; Scaffolds; Railway Mail Delivery; Joint Packing; Pipe and Rod Joints or Couplings; Tool-Handle Fastenings.....	May 18	May 14	1,364
309	53. PECK, M. K., Books; Manfolding; Printed Matter; Stationery; Educational Appliances; Paper Files and Binders; Tents, Canopies, Umbrellas, and Canes; Curtains, Shades, and Screens.....	May 21	May 17	1,193
241*	54. LANE, C. H., Electric Lamps; Conductors; Vapor Electric Devices; Space Discharge Tubes.....	Feb. 14	Feb. 3	1,955
102	55. RICHARD, V. I. (Acting).—(Bread, Pastry, and Confection Making; Cutlery.....)	Mar. 14	Mar. 25	740
	(Designs.....)	Aug. 18	Aug. 17	743
163	TRADE-MARKS, LABELS, AND PRINTS: F. A. RICHMOND (Trade-Marks.....)	Sept. 8	Sept. 23	1,677
	(Labels and Prints.....)	Sept. 13	Sept. 27	207

* Refers to room numbers in the annex.

DECISIONS IN PATENT AND TRADE-MARK CASES.

Commissioner's Decision.

EX PARTE D'OLIER AND TOHLIN.

Decided November 1, 1926.

PATENTABILITY—INVENTION—SCREEN PLATES.

It being desirable in a screen plate used in separat-
ing solids from fluids to have the screened area as
great as possible, but in view of the pressure exerted
on the screen it being necessary that the portion
between the individual slits must be long enough to
give the requisite strength to the plate and the prior
art not suggesting applicants' particular arrangement,
it being obvious that applicants had not merely dupli-
cated the slits shown in one of the patents, Held that
the claim to this arrangement is patentable.

[This application has resulted in Patent No.
1,631,555.]

APPEAL from Examiners in Chief.

Application for patent for screen plates filed
November 1, 1921, Serial No. 512,046.

Messrs. Gifford & Bull for the applicants.

ROBERTSON, Commissioner:

Applicants appeal from the decision of the Ex-
aminers in Chief affirming the decision of the
Primary Examiner in finally rejecting the claims
of this application, four in number.

The appeal, however, has been waived except
as to claim 3, which reads as follows:

3. A screen plate having a plurality of uniformly
spaced parallel clearance spaces in the back thereof, said
spaces being relatively long and narrow and relatively
long and narrow screening slits in the front of the plate
and parallel to said spaces and arranged in groups, each
group comprising a plurality of said slits side by side
with the slits in each group communicating with one of
said clearance spaces, the distance between the slits
comprising each group being less than the distance be-
tween the groups.

The references cited are: Held (Br.), 4,818,
March 3, 1896; Lottes (Fr.), 443,247, September
19, 1912.

The invention relates to plates used in screen-
ing solids from fluids and, as appears from the
claim, the plate is provided with a series of uni-
formly spaced clearance spaces in the back there-
of, into each of which opens two or more nar-
row screening slits, the distance between said
slits being less than the distance between the
groups of the slits.

The portion of the plate between successive
clearance spaces on the under side of the plate
forms the ribs which support the screen. The
limitation as to the relative distances between
the slits and the groups of slits in effect defines
the ribs as being wider than the portion of the
plate between the slits of each group whereby
the necessary strength of the plate is maintained.

The British patent and the French patent cited
each discloses plates for the same purpose and each
of them shows the clearance spaces on the under
side formed with diverging walls as in applicants'
device. In the British patent there is shown in
Figs. 1, 3, and 4 a form in which the spaces on the
lower side of the plate are circular, with a circular
opening leading thereinto from the upper side of
the plate. In Fig. 2 the openings are similarly

formed, except that instead of being circular they
are elongated; in other words, they constitute slits.

The French patent shows an arrangement similar
to that of Figs. 1, 3, and 4 of the British patent,
except that a plurality of openings lead from the
face of the plate into the space at the under side.

It is desirable to have as great a screening area
as possible, that is, to have the area of the slits
relative to the size of the screen as large as pos-
sible, but, as there is considerable pressure exerted
upon the screens, the maximum area of the slits
is limited by the fact that the portion between the
groups of slits or the individual slits must be
large enough to give the requisite strength to the
plate.

It is pointed out by applicants that by their
arrangement they are enabled to increase the flow
area very largely over such a structure as that
shown in Fig. 2 of the British patent, with but
a small decrease in strength or to increase the flow
area substantially, though to a lesser extent, with
no diminution of the strength of the plate.

It is not seen that the arrangement of the French
patent gives any increase of the flow area propor-
tionally to the size of the plate over that shown
in Figs. 1, 3, and 4 of the British patent and there
is no suggestion in the French patent that any such
result was aimed at.

It is thought that there is nothing in either of
the patents cited to suggest applicants' particular
arrangement, with its consequent advantages. Ob-
viously, merely to run together the openings of the
French patent would not result in the arrangement
which applicants show, and it cannot be regarded
that applicants have merely duplicated the slits
shown in Fig. 2 of the British patent. It is deemed,
therefore, that the particular arrangement as de-
fined by claim 3 is patentable over the art of
record.

The appeal as to claims 1, 2, and 4 is dismissed
and the decision of the Examiners in Chief as to
claim 3 is reversed.

Court of Appeals of the District of Columbia.

RAPHAEL N. PARIS (BENJAMIN PARIS, ASSIGNEE) v.
W. W. STEWART & SONS.

No. 1,897. Decided February 7, 1927.

1. TRADE-MARKS—CANCELLATION—GRADE MARK MAY PERFORM FUNCTION OF TRADE-MARK.

Where it appears that the word "Cadets" as used
by appellee has been confined to a cigar of a particular
size, and it is claimed by the appellant that the name
is a grade mark indicating size or quality only and
not a trade-mark indicating origin, Held that the name
performed both functions and would be likely to be re-
lied upon by the purchasing public as indicating origin
as well as size or quality.

2. SAME—SAME—"JOHN HAY CADETS" AND "CADETS" SIMILAR.

The notations "John Hay Cadets" and "Cadets,"
both used on cigars, bear sufficient resemblance to
cause confusion in trade.

APPEAL from the Commissioner of Patents. Affirmed.

Mr. John E. Cross for Paris.

Mr. J. R. H. Potts and Mr. G. B. Parkinson for W. W. Stewart & Sons.

Before MARTIN, Chief Justice, and ROBB and VAN ORSDEN, Associate Justices.

MARTIN, C. J.:

This is an appeal from concurrent decisions of the Patent Office, sustaining a petition filed by appellee, and cancelling the registration dated September 12, 1922, of appellant's trade-mark "Cadets," accompanied by the representation of a cadet, for use upon cigars. The cancellation proceeding was filed under the provisions of section 13 of the Trade-Mark Act of February 20, 1905, by the appellee, claiming prior ownership and use of the mark in issue. Testimony was introduced in behalf of both parties.

It was claimed by appellant that appellee should not be heard to contest the registration, because of appellee's alleged bad faith in labeling its cigars as Havana cigars, whereas they contained by weight no more than two-thirds of Havana tobacco. This contention however was rightly overruled upon the facts and circumstances of the case.

[1, 2] It appears, according to the findings of the Examiner and the Commissioner, that since the year 1905 the appellee had used the notation "John Hay Cadets" on cigars, whereas the appellant did not use its notation, to wit, "Havana Cadet", prior to the year 1909. In addition to the word "Cadets", appellee had also used the notations "Club House", "Invincibles", and others associated with the notation "John Hay", and it appears from the testimony that the word "Cadets" has always been associated with the notation "John Hay". It also appears that the word "Cadets" as used by appellee has been confined to a cigar of a particular size; and it is claimed by appellant that the name is a grade name indicating size or quality only, and not a trade-mark indicating the origin of the cigars. This contention was overruled below, and it was held that the name performed both functions, and would likely be relied upon by the purchasing public as indicating origin as well as size or quality. *Williams Evangeline Confection Co. v. U. R. S. Candy Stores*, 320 O. G. 451, 54 App. D. C. 68. It was also held below that the resemblance between the notations in question, to wit, "John Hay Cadets" and the word "Cadets" is sufficient to cause confusion in trade, and that injury to the appellee would necessarily follow. The appellant's registration was accordingly cancelled.

We have examined the testimony in the case and are of the opinion that it sustains the decisions entered below. The decision of the Commissioner is therefore affirmed.

Patent Suits.

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922.]

971,838, W. M. Fulton, Making tubular metal walls. 7th Cir., Doc. 3749 and 3750, *The Fulton Co. v. Jansville Laboratories et al.* Decree affirmed Aug. 30, 1927.

989,939, W. E. Allington, Dust collector, filed Sept. 2, 1927, D. C., E. D. Mich. (S. Div.), Doc. 2188, *W. E. Allington et al. v. R. C. Mahon Co.*

996,026, C. B. Moore, Refractory arch for locomotive-boiler fire box; 1,046,008, 1,138,033, J. P. Neff, Arch brick; 1,138,031, same, Locomotive-boiler furnace; 1,138,032, 1,138,037, C. B. Moore, same; 1,138,036, J. P. Neff, Arch brick and supporting means therefor, filed Aug. 22, 1927, D. C., S. D. Ohio (W. Div.), Doc. 486, *American Arch Co. v. The O. Taylor Sons Co.*

1,014,002, J. L. Hogan, jr., Apparatus for wireless signaling, filed Sept. 2, 1927, D. C., S. D. N. Y., Doc. E 43/58, *J. V. L. Hogan v. American Bosch Magneto Corp.* Same, Sept. 7, 1927, D. C., S. D. N. Y., Doc. E 43/62, *J. V. L. Hogan v. Stewart-Warner Speedometer Corp.*

1,015,935, W. H. Black, Well bucket; 1,227,032, A. L. Beckett, Bucket bottom and lift; 1,534,455, K. E. Little, Drilled or bored well bucket, filed Mar. 10, 1927, D. C., W. D. Ark. (Ft. Smith), Doc. E 457, *T. H. McClintock (McClintock Mfg. Co.) v. Mitchell & Mitchell Mfg. Co.*

1,046,008. (See 996,026.)

1,138,031. (See 996,026.)

1,138,032. (See 996,026.)

1,138,033. (See 996,026.)

1,138,036. (See 996,026.)

1,138,037. (See 996,026.)

1,170,322, Schumacher & Schumacher, Process of making plaster board, filed May 18, 1927, D. C., S. D. Calif. (Los Angeles), Doc. M-S-J, *Schumacher Wall Board Corp. v. Buttress Mfg. Co.* Held valid and infringed Aug. 26, 1927.

1,215,569, W. Mitchell, Guard for stalls, filed Aug. 9, 1927, D. C., N. D. Ill. (E. Div.), Doc. 3952, *Humane Stanchion Works v. Mitchell Mfg. Co.*

1,227,032. (See 1,015,935.)

1,203,355, P. Artigue, Means for producing animated shadowgraphs, filed Feb. 23, 1926, D. C., S. D. Calif. (Los Angeles), Doc. E K-3-J, *P. Artigue v. Metro Goldwyn Mayer Studios et al.* Dismissed for want of prosecution, July 27, 1927.

1,270,712, E. W. Dunn, Orchard heater, filed Aug. 10, 1927, D. C., S. D. Calif. (Los Angeles), Doc. E M-77-J, *American Can Co. et al. v. Riverside Sheet Metal Works.*

1,434,029, L. H. Shover, Candy jar, appeal filed Aug. 4, 1927, 7th Cir., Doc. 3947, *Panay Horizontal Show Jar Co. v. The D. C. Jenkins Glass Co.*

1,513,076, F. Visintainer, System for locating breaks in electric-power lines, filed Aug. 29, 1927, D. C. Wash. (N. Div.), Doc. 594, *F. Visintainer v. Puget Sound Power & Light Co.*

1,534,455. (See 1,015,935.)

1,598,810, J. B. Hill, Apparatus for removing ink from printing-press-inking rolls, filed Sept. 2, 1927, D. C., W. D. Mo. (W. Div.), Doc. 882, *Clean-A-Press Machine Co. v. The Commercial Lithographing Co.*

1,617,094, C. Atherton, Remote control valve, filed Aug. 3, 1927, D. C., S. D. Calif. (Los Angeles), Doc. E M-60-J, *Hy-Lo Unit & Metal Products Co. v. W. D. Ralphs*. Doc. E M-61-J, *Hy-Lo Unit & Metal Products Co. v. Pasadena Heating Co. et al.* Doc. E M-62-J, *Hy-Lo Unit & Metal Products Co. v. Potter Radiator Corp.* Doc. E M-63-J, *Hy-Lo Unit & Metal Products Co. v. C. A. Patrick (Pioneer Valve Co.)*. Doc. E M-64-J, *Hy-Lo Unit & Metal Products Co. v. Standard Gas & Valve Co.* Doc. E M-65-J, *Hy-Lo Unit & Metal Products Co. v. Remote Control Mfg. Co., Inc.* Doc. E M-66-J, *Hy-Lo Unit & Metal Products Co. v. Virginia Metal Products Co.* Doc. E M-67-J, *Hy-Lo Unit & Metal Products Co. v. Payne Furnace & Supply Co., Inc.* Doc. E M-68-J, *Hy-Lo Unit & Metal Products Co. v. Marks Magneto Valve Co.*

Re. 16,579, J. S. Booth, Motor vehicle, appeal filed Aug. 30, 1927, 7th Cir., Doc. 3954, *J. S. Booth et al. v. Stutz Motor Car Co. et al.*

Adjudicated Patents.

(D. C. Mich.) The Ward and Taylor patent, No. 1,104,589, for gear grinding machine, claims 3, 7, and 8 Held infringed. *Gear Grinding Machine Co. v. Reo Motor Car Co.*, 20 F. (2d) 702.

(D. C. Mich.) The Ward and Taylor patent, No. 1,155,532, for trimming mechanism for grinding wheels of shaft grinding machines, claims 7, 10, 13, and 14 Held infringed. *Gear Grinding Machine Co. v. Reo Motor Car Co.*, 20 F. (2d) 702.

(D. C. Mich.) The Ward patent, No. 1,271,495, for method of grinding spline shafts, claims 3 and 5 Held invalid. *Gear Grinding Machine Co. v. Reo Motor Car Co.*, 20 F. (2d) 702.

(D. C. Mich.) The Ward patent, No. 1,273,016, for a splined shaft, Held invalid. *Gear Grinding Machine Co. v. Reo Motor Car Co.*, 20 F. (2d) 702.

(C. C. A. Mo.) The Nash patent, No. 1,345,870, for fluid pressure measuring instrument, Held not infringed. *Automatic Appliance Co. v. McNiece Motor Co.*, 20 F. (2d) 578.

(D. C. Pa.) The Winters and Crampton patent, No. 1,385,102, for improved refrigerator door latch lever, claims 5 and 6 Held invalid, and the other claims Held not infringed. *Winters v. Dent Hardware Co.*, 20 F. (2d) 671.

(C. C. A. Ohio.) The Langsdorf patent, No. 1,447,090, for neckties, Held invalid. *Forchheimer v. Franc, Stroh-menger & Cowan*, 20 F. (2d) 553.

(D. C. Mich.) The Gordon and Redlin patent, No. 1,542,803, Held valid but not infringed. *Gordon Form Lathe Co. v. Walcott Machine Co.*, 20 F. (2d) 673.

(C. C. A. Mo.) The Guth release patent, No. 14,680, for lighting fixture, Held invalid. *Reflectolyte Co. v. Luminous Unit Co.*, 20 F. (2d) 607.

Adverse Decisions in Interference.

In interferences involving the indicated claims of the following patents final decisions have been rendered that the respective patentees were not the first inventors with respect to the claims listed:

Pat. 1,571,691, W. Phillips, Combined phonographic and telephonic apparatus, decided September 7, 1927, claim 1.

Pat. 1,592,563, H. M. Gray, Lubricating device for locomotive journal boxes, decided September 27, 1927, claims 1 and 2.

Pat. 1,604,655, C. H. Millward, Sound reproducing and transmitting apparatus, decided September 7, 1927, claims 1 to 5, inclusive.

Pat. 1,605,411, C. O. Weber, Nonoscillating radiofrequency selective amplifier, decided August 15, 1927, claims 1 and 2.

Final decisions have been rendered against the following trade marks:

T. M. 212,466, Canned fruits and vegetables, John C. Morgan Company, Traverse City, Mich. Registered May 4, 1926. Decided September 9, 1927.

T. M. 219,423, Sheets, pillowcases, and bedspreads, John K. Kennedy, Boston, Mass. Registered October 19, 1926. Decided August 31, 1927.

T. M. 224,823, Fresh apples, William Joseph, doing business as W. Joseph Company, New York, N. Y. Registered March 8, 1927. Decided September 29, 1927.

Changes in Classification.

Order No. 3,026, September 28, 1927, directs: In class 45, Furniture (Division 8), abolish the following subclasses, the patents formerly contained therein hav-

ing been placed for the most part in classes 211, Supports, Racks, and 312, Supports, Cabinet Structures, established in this order:

- 1 Bookcases
- 53 Adjustable shelf partitions,
- 54 Adjustable shelves and shelf supports,
- 55 Hanging shelves,
- 78 Knockdown,
- 79 Revolving,
- 56 Roller shelves,
- 4 File racks,
- 13 Hat and coat racks,
- 16 Kitchen cabinets,
- 135 Toilet racks or cabinets,
- 32 Towel racks and stands,
- 52 Typewriter cabinets,
- 53 Umbrella stands,
- 37 Wardrobes
- 118 Knockdown:

In class 68, Laundry (Division 27), abolish the following subclass, the patents formerly contained therein having been placed for the most part in class 211, Supports, Racks, established in this order:

34 Clothes driers.

In class 126, Stoves and Furnaces (Division 19), abolish the following subclasses, with their definitions, the patents formerly contained therein having been placed for the most part in class 211, Supports, Racks, established in this order:

- Stove shelves
- 341 Stovepipe
- 342 Drop,
- 343 Swinging.

In class 206, Special Receptacles and Packages (Division 40), abolish the following subclasses, with their definitions, the patents formerly contained therein having been placed for the most part in class 312, Supports, Cabinet Structures, established in this order:

- Receptacles
- Match safes
- 21 Single delivery
- 22 Grooved roller,
- 23 Grooved slide
- 24 Horizontal movement,
- 25 Picker arm,
- 26 Sliding pusher,
- 28 Baffle.

(Note.—The subclass titles Single delivery, Sliding pusher, abolished above, still control subclass 27, Pocket, which is not abolished.)

In class 208, Velocipedes (Division 49), abolish the following subclasses, the patents formerly contained therein having been placed for the most part in class 211, Supports, Racks, established in this order:

- Holders
- Brackets
- 86 Fixed arm or jaw,
- 87 Pivoted arm or jaw,
- Racks
- 90 Frame supports,
- 88 Wheel or tire supports
- 89 Tilting shoe,
- Stands
- 91 Floor supported,
- 92 Wall supported.

In Class 273, Amusement Devices, Games (Division 22), abolish the following subclasses, with their definitions, the patents formerly contained therein having been placed for the most part in class 211, Supports, Racks, established in this order:

- Billiards and pool
- 15 Cue racks,
- 16 Ball racks.

In class 45, Furniture (Division 8), establish the following subclasses, the patents contained therein having been taken for the most part from class 211, Store Furniture, subclasses 11, Counters, and 12, Counters, Attachments, abolished in this order:

- Tables
- 140 Counters
- 141 Attachments.

In class 206, Special Receptacles and Packages (Division 40), establish the following subclasses and definitions, the patents contained therein having been taken for the most part from class 211, Store Furniture, subclass 37, Ticket cases, abolished in this order:

- Receptacles
- Pocket and personal use
- 40.5 Ticket holders
- 40.6 With shearing means.

40.5. RECEPTACLES, POCKET AND PERSONAL USE, TICKET HOLDERS. Ticket holders to be carried by the person, usually on the belt or in the hand, and designed for ready dispensing of the tickets successively from the holder.

Note.—See class 271, SHEET OR WEB FEEDING OR DELIVERING, for sheet feeding generally.

40.6. RECEPTACLES, POCKET AND PERSONAL USE, TICKET HOLDERS, WITH SHEARING MEANS. Ticket holders to be carried by the person, usually on the belt or in the hand, and designed for ready dispensing of the tickets successively from the holder, and provided with shearing means for severing a portion of the dispensed ticket.

Note.—See class 164, CUTTING AND PUNCHING SHEETS AND BARS, for the general art of feeding and cutting sheets.

In class 206, *Special Receptacles and Packages* (Division 40), establish the following subclasses and definitions, the patents contained therein having been taken for the most part from class 211, Store Furniture, subclasses 28, Display trays, and 34, Display cards, with the exception of those in subclasses 73 and 74, which have been taken for the most part from class 211, subclasses 37, Ticket cases, and 2, Bag and twine holders. Bag holders, abolished in this order:

Receptacles

- 72 Trays
- 73 Card or sheet
- 74 With follower.
- 75 Jewelry and silverware
- 76 Ring.
- 77 Stock and sample.

72. RECEPTACLES, TRAYS. Shallow open-top receptacles usually flat and frequently divided into compartments, and having article holding or securing means. Also flat supports of this nature having article holding or securing means.

Note.—See this class, subclass 44.

Note.—See class 211, SUPPORTS, RACKS, subclass 126, Tray or receptacle type, and subclass 11, Sorting type, Desk file.

73. RECEPTACLES, TRAYS, CARD OR SHEET. Same as subclass 72, the compartments being specially adapted to hold cards or sheets and enable them to be grasped and/or sorted.

Note.—See class 129, PAPER FILES AND BINDERS.

Note.—See class 211, SUPPORTS, RACKS, subclasses 10, Sorting type, and 50, Special article, Stacked article type, Card or sheet, and the subclasses indented thereunder.

74. RECEPTACLES, TRAYS, CARD OR SHEET, WITH FOLLOWER. Same as subclass 73, with followers in the compartments.

Note.—See class 211, SUPPORTS, RACKS, subclass 51, Special article, Stacked article type, Card or sheet, With follower.

75. RECEPTACLES, TRAYS, JEWELRY, AND SILVERWARE. Trays especially intended and designed to hold articles of jewelry or silverware.

76. RECEPTACLES, TRAYS, JEWELRY, AND SILVERWARE, RING. Coming under subclass 75, but restricted to articles of jewelry such as rings.

77. RECEPTACLES, TRAYS, STOCK AND SAMPLE. Trays with display or sample spaces combined with a stock containing compartment.

In class 206, *Special Receptacles and Packages* (Division 40), establish the following subclasses and definitions, the patents contained therein having been taken for the most part from class 211, Store Furniture, subclass 34, Display cards, abolished in this order:

Packages

- 78 Display
- 79 Single blank,
- 80 With added securing means,
- 81 Color and paint,
- 82 Sample.

78. PACKAGES, DISPLAY. Packages comprising a backing and means for securing articles to the backing so that they may be readily seen and without means for supporting the backing in an upright position as a stand or easel. Usually are display cards.

Note.—See this class, subclass 44, and subclass 72.

Note.—See class 211, SUPPORTS, RACKS, subclasses 156, Stands, Of sheet material, and the subclass indented thereunder, and 160, Easels.

79. PACKAGES, DISPLAY, SINGLE BLANK. Packages in the form of cards made from a single integral blank designed to have articles of merchandise mounted on them without the use of any securing means other than integral parts of the card.

80. PACKAGES, DISPLAY, WITH ADDED SECURING MEANS. Packages comprising a backing and means not integral with the backing constituting an added securing means for securing articles to it.

81. PACKAGES, DISPLAY, COLOR AND PAINT. Devices designed to disclose colors or coatings, as paints, varnishes, etc., for the purpose of comparison or exhibition.

82. PACKAGES, DISPLAY, SAMPLE. Devices designed to disclose fragments or samples of material and not completed articles of merchandise.

In class 242, *Winding and Reeling* (Division 21), establish the following subclasses and definitions, the patents contained therein having been taken for the most part from class 211, Store Furniture, subclasses 31, Serving apparatus, Roll holders, 32, Serving apparatus, Roll holders, Cutting attachment, and 33, Serving apparatus, Roll holders, Feeding attachment, abolished in this order:

Reeling and unreeling

Fabrics

- 55.2 Delivery roll holders
- 55.3 Multiple roll
- 55.4 With cutter.
- 55.5 With cutter.

55.2. REELING AND UNREELING, FABRICS, DELIVERY ROLL HOLDERS. Reels or rolls, with their holders, particularly adapted to dispense paper or other fabric, usually in short lengths. May have transverse cutting or tearing devices.

Note.—See appropriate subclasses in classes 164, CUTTING AND PUNCHING SHEETS AND BARS, and 271, SHEET OR WEB FEEDING OR DELIVERING.

55.3. REELING AND UNREELING, FABRICS, DELIVERY ROLL HOLDERS, MULTIPLE ROLL. Having a plurality of dispensing rolls.

55.4. REELING AND UNREELING, FABRICS, DELIVERY ROLL HOLDERS, MULTIPLE ROLL, WITH CUTTER. Having a plurality of dispensing rolls with cutting or tearing means.

55.5. REELING AND UNREELING, FABRICS, DELIVERY ROLL HOLDERS, WITH CUTTER. Having cutting or tearing means.

In class 248, *Supports* (Division 52), establish the following subclasses, the patents contained in subclass 165 having been taken for the most part from class 45, Furniture, subclass 52, Typewriter cabinets, abolished in this order, and class 248, Supports, subclass 30, Miscellaneous, and those contained in subclass 47.5 having been taken for the most part from class 211, Store Furniture, subclass 12, Counters, Attachments, abolished in this order, and class 248, Supports, subclass 20, Brackets, Special article:

Machine supports and bases

- 16.5 Holddowns.
- 47.5 Arm-rests.

In class 211, *Store Furniture* (Division 8), change the title of the class to read 211, Supports, Racks, abolish the existing subclasses, and establish in lieu thereof the subclasses indicated in the new loose leaf now being published for insertion in the Manual of Classification, the patents formerly contained in this class having been placed for the most part in new class 211, established in this order, in class 312, Supports, Cabinet Structures, established in this order, and in the various subclasses established in this order in classes 45, Furniture; 206, Special Receptacles and Packages; 242, Winding and Reeling; and 248, Supports; and the new class 211 containing in addition to the patents from old class 211 patents from the subclasses abolished in this order in classes 45, Furniture; 68, Laundry; 126, Stoves and Furnaces; 206, Special Receptacles and Packages; 208, Velocipedes; and 273, Amusement Devices, Games.

Establish, in Division 8, class 312, Supports, Cabinet Structures, with the subclasses indicated in the new loose leaf now being published for insertion in the Manual of Classification, the patents contained in this class having been taken for the most part from class 211, Store Furniture, abolished in this order, from various subclasses in class 45, Furniture, abolished in this order, and from class 206, Special Receptacles and Packages, subclass 21, Receptacles, Match safes, Single delivery, and subclasses 22-26 indented thereunder, and subclass 28, Receptacles, Match safes, Baffle, abolished in this order.

Lists of subclasses with definitions for classes 211 and 312 may be seen in the Classification Division, room 168.

TRADE-MARKS

OFFICIAL GAZETTE, OCTOBER 18, 1927.

[Vol. 363. No. 3.]

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication.

Marks applied for "under the ten-year proviso" are registrable under the provision in clause (b) of section 5 of said act as amended February 18, 1911.

As provided by section 14 of said act, a fee of ten dollars must accompany each notice of opposition.

CLASS 1.

RAW OR PARTLY-PREPARED MATERIALS.

Ser. No. 244,765. JULIO E. FRANK, doing business as Antillian Sea Island Cotton Co., Lajas, P. R. Filed Feb. 23, 1927.



No claim is made to the words "Cuba," "Santo Domingo," "Porto Rico," "Antillian Sea Island Cotton Company," and cotton bolls shown on the drawing apart from the mark shown.

Particular description of goods.—Raw Cotton.
Claims use since Sept. 1, 1925.

Ser. No. 245,425. CHALFANT & SCOTT, Philadelphia, Pa. Filed Mar. 9, 1927.



The exclusive use of the words "Coal" and "Good" Company," and cotton bolls shown on the drawing apart from the mark shown.

Particular description of goods.—Coal.
Claims use since Jan. 1, 1922.

Ser. No. 252,944. HORACE E. CONKLIN, doing business as E. W. Conklin & Son, Binghamton, N. Y. Filed Aug. 3, 1927.



Particular description of goods.—Gram, Field, and Agricultural Seeds and Seed Grains.
Claims use since Mar. 30, 1916.

Ser. No. 253,259. ANCHOR COAL COMPANY, Cleveland, Ohio. Filed Aug. 10, 1927.

ANCHOR BLOCK

The exclusive use of the word "Block" is disclaimed except in connection with the mark as shown.

Particular description of goods.—Coal.
Claims use since 1913.

Ser. No. 253,260. ANCHOR COAL COMPANY, Cleveland, Ohio. Filed Aug. 10, 1927.

ANCHOR EGG

The exclusive use of the word "Egg" is disclaimed except in connection with the mark as shown.

Particular description of goods.—Coal.
Claims use since 1913.

Ser. No. 253,479. THE PIKES PEAK FUEL COMPANY, Colorado Springs, Colo. Filed Aug. 15, 1927.



The exclusive use of the word "Coal" is disclaimed except in connection with the mark as shown.

Particular description of goods.—Coal.
Claims use since 1923.

CLASS 2.
RECEPTACLES.

Ser. No. 236,618. ROGERS FIBRE COMPANY, Kennebunk, Me. Filed Aug. 28, 1926. Under 10-year proviso.

Leatheroid

Particular description of goods.—Boxes, Trucks, Cans, Barrels, Mill Baskets, Trays, and Waste Baskets Made Partly or Wholly of Fiber Board.
Claims use since about 1884.

Ser. No. 250,261. ROBERT G. PASSANO, New York, N. Y. Filed June 9, 1927.

First - SAFETY - Last



BOX
PAT. APPL. FOR

ROBERT G. PASSANO-NEW YORK N.Y.

All words on the drawing except the word "Bladeposit" are disclaimed apart from the mark shown.

Particular description of goods.—Used Safety-Razor-Blade Boxes.

Claims use since June 6, 1924.

CLASS 3.

BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKET-BOOKS.

Ser. No. 245,298. ROSSID MANUFACTURING CORPORATION, Orlando, Fla. Filed Mar. 5, 1927.

ROSSID

Particular description of goods.—A Combined Card-case, Bill Fold, Check Book and Cover, and Check Protector.

Claims use since Dec. 1, 1926.

Ser. No. 248,872. THE AMERICAN TRUNK COMPANY, Cincinnati, Ohio. Filed May 12, 1927.

SWEET-HEART

Particular description of goods.—Ladies' Hatboxes, Ladies' Suitcases, and Ladies' Overnight Cases.
Claims use since Aug. 23, 1926.

Ser. No. 251,399. A. S. KNAPP & COMPANY, St. Louis, Mo. Filed July 1, 1927.

Touro-Trunk

No claim is made for the word "Trunk" apart from the mark shown.

Particular description of goods.—Trunks.
Claims use since Mar. 16, 1927.

CLASS 4.

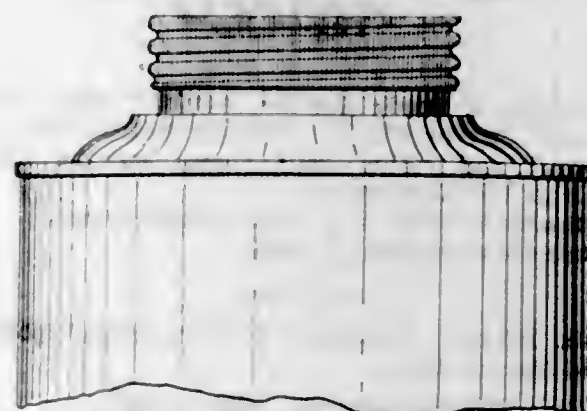
ABRASIVE, DETERGENT, AND POLISHING MATERIALS.

Ser. No. 230,016. THE CLEVELAND CLEANER AND PASTE CO., Cleveland, Ohio. Filed Apr. 12, 1926. Under 10-year proviso.



The drawing is lined to represent a shade of red.
Particular description of goods.—Wall-Paper Cleaner.
Claims use since Feb. 18, 1895.

Ser. No. 251,907. C. M. KIMBALL COMPANY, Winthrop, Mass. Filed July 12, 1927.



The cap or cover of the container is colored red. No claim is made to the representation of the container apart from the mark as shown. Applicant is the owner of registrations Nos. 132,004, 170,089, 179,153, 179,239, for the mark here shown.

Particular description of goods.—Window Wash.
Claims use since June 22, 1927.

Ser. No. 252,755. BEAU-ART LABORATORIES, Chicago, Ill. Filed July 30, 1927.

SHAVE-JOY

Particular description of goods.—Shave Cream to be Used Before Shaving.
Claims use since Oct. 15, 1926.

Ser. No. 253,298. ROLLIN H. STEVENS, doing business as Lanco Soap Company, Detroit, Mich. Filed Aug. 10, 1927.

LANCO

Particular description of goods.—Soaps.
Claims use since June 1, 1927.

Ser. No. 253,337. SOLAR PRODUCTS COMPANY, Chicago, Ill. Filed Aug. 11, 1927.



No claim is made to the words "Metal Polish" apart from the mark shown.

Particular description of goods.—Metal Polish.
Claims use since July 1, 1927.

Ser. No. 253,343. U. S. SANITARY SPECIALTIES CORPORATION, Chicago, Ill. Filed Aug. 11, 1927.

PHOREX

Particular description of goods.—A General Cleaning or Washing Compound.
Claims use since Jan. 6, 1927.

Ser. No. 253,348. AMERICAN GLUE COMPANY, Boston, Mass. Filed Aug. 12, 1927.

ENDFLEX

Particular description of goods.—Abrasive Papers and Abrasive Cloths.
Claims use since July 15, 1926.

Ser. No. 253,376. NICHOLAS KUCHUKOS, Brooklyn, N. Y. Filed Aug. 12, 1927.



No claim is made to the words "Shoe Polish" and "Trade-Mark" apart from the mark shown on the drawing.
Particular description of goods.—Shoe Polish.
Claims use since Feb. 1, 1927.

Ser. No. 253,398. JOSEPH VICTORI & Co., New York, N. Y. Filed Aug. 12, 1927.



No claim is made to the words appearing on the drawing apart from the mark shown on the drawing. The lining represents red coloring.

Particular description of goods.—Castile Soap.
Claims use since December, 1926.

Ser. No. 253,742. CRESCENT-FELCO, INC., New York, N. Y. Filed Aug. 20, 1927.

FELCO

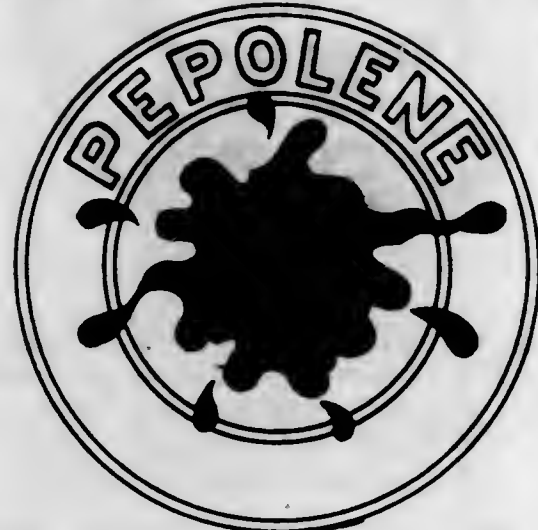
Particular description of goods.—A Chemical Preparation Prepared in Powder Form for Cleaning Felt Material and Textiles.
Claims use since Aug. 1, 1927.

Ser. No. 253,901. FRANK E. LONGTIN, Los Angeles, Calif.
Filed Aug. 24, 1927.

NOK-OFF

Particular description of goods.—Soap.
Claims use since Aug. 5, 1927.

Ser. No. 254,010. PEPPERS GASOLINE COMPANY, Enid,
Okla. Filed Aug. 26, 1927.



Particular description of goods.—Cleaners' Solvent.
Claims use since June, 1927.

Ser. No. 254,027. BAEDER ADAMSON COMPANY, Boston,
Mass. Filed Aug. 27, 1927.

A-O 66

Particular description of goods.—Abrasive Papers and
Abrasive Cloths.
Claims use since Oct. 23, 1925.

CLASS 5.
ADHESIVES.

Ser. No. 252,491. SOLOMON EDWARD AARON, Boston, Mass.
Filed July 25, 1927.

RE-SÔL-IT

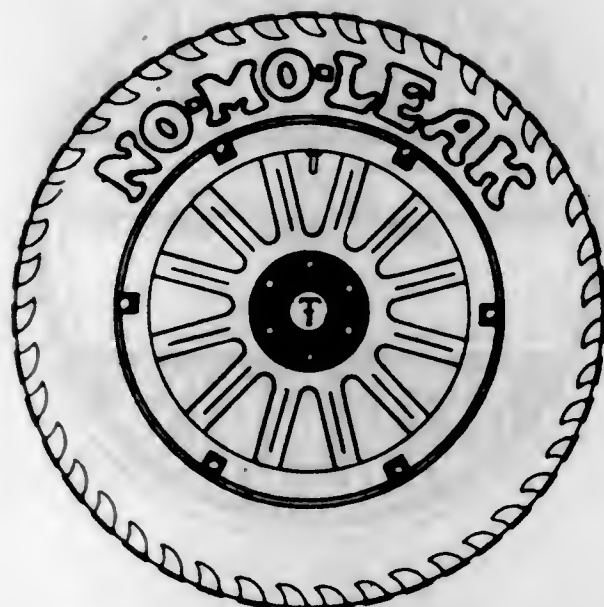
Particular description of goods.—An Adhesive Rubber
Compound.
Claims use since 1924.

Ser. No. 253,821. TENNESSEE TOOL WORKS, INC., Knox-
ville, Tenn. Filed Aug. 22, 1927.

NOMO-LEAK

Particular description of goods.—Composition for Seal-
ing Leaks in Tires and Tubes.
Claims use since Feb. 25, 1927.

Ser. No. 253,822. TENNESSEE TOOL WORKS, INC., Knox-
ville, Tenn. Filed Aug. 22, 1927.



No claim is made to the representation of the wheel
and tire apart from the word "No-Mo-Leak."

Particular description of goods.—Composition for Seal-
ing Leaks in Tires and Tubes.
Claims use since Feb. 25, 1927.

CLASS 6.

CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARA-
TIONS.

Ser. No. 235,919. MARIE CECIL, INC., New York, N. Y.
Filed Aug. 13, 1926.

MIRACLE MIST

Particular description of goods.—Face Powder, Toilet
Powder, Cold Cream, Face Cream, and Vanishing Cream,
and Combinations of Face Powder and Vanishing Cream.
Claims use since June, 1926.

Ser. No. 237,154. CROWN DRUG CO., INC., Kansas City,
Mo. Filed Sept. 13, 1926.



The words "Service with a Saving" are disclaimed ex-
cept in connection with the mark as shown.

Particular description of goods.—Alkaline Antiseptic,
Antiseptic Solution, Cream of Tartar, Tincture Arnica,
Copperas, Ferrous Sulphate, Calcium Sulphite, Powdered
Alum, Chamomile Flowers, Dobell's Solution, Spirits
Nitrous Ether, Elm Bark, Boric Acid (Crystal), Egg
Preserver, Boric Acid (Acid Boracic), Flake White, Ben-
zine, Formaldehyde, Barium Carbonate, Powdered Borax,
Flaxseed (Whole Linseed), Buchu Leaves, Glycerin Rose
Water, Pure Glycerin, Iron Chloride, Hydrogen Peroxide,
Chloroform, Henna Leaves, Camphorated Cream White,
Chloroform Liniment, Tincture Iodine, Spirits Camphor,
Calomel, Larkspur Lotion, Carbolic Acid, Licorice Powder,
Lump Alum, Cascara Sagrada, Lime Water, Collodion,
Citrate of Magnesia, Citronsaure, White Powdered Chalk,
Mustard Seed, Prepared Chalk, Acid Muriatic, Ground
Mustard, Moth Balls, Sugar of Lead, Sedlitz Powders,
Flake Naphthalene, Salicylic Acid, Skunk Oil, Refined
Sulphur, Goose Oil, Sodium Fluoride, Sweet Oil, Saltpeter,
Epsom Salt, Safflower, Oil of Citronella, Sage, Senna
Leaves, Sassafras Bark, Castor Oil, Cod-Liver Oil, Cam-
phorated Oil, Tartaric Acid, Yellow Ocher, Tannic Acid,
Orris Root, Powdered Turmeric, Oxalic Acid, Tripoli,
Spirits Peppermint, Blue Vitriol, Paregoric, White-Pine
Compound, Permanganate Potash, Potassium Chlorate,
Witch-Hazel, Liquid Petrolatum, Zinc Oxide, Zinc Sulphate,
Rose Water, Rochelle Salt, Tincture Green Soap.
Claims use since February, 1923.

Ser. No. 248,463. ANGLO-AMERICAN PHARMACEUTICAL
CORP., New York, N. Y. Filed May 5, 1927.



The portrait forming a feature of the mark sought to
be registered is fanciful.

Particular description of goods.—Glycerophosphate Sir-
ups, Liniments for the Relief or Cure of Sprains, Stiff
Neck, Lumbago, Rheumatism, Headache, Toothache, Ear-
ache, Neuralgia, and Other Similar Ailments, Protoid
Products for the Treatment of Anaphylaxis and Digestive

Disorders, Surgical Greaseless Ointments, Analgesic
Creams, Hypophosphate Sirups, Endocrine Glandular
Tablets, Antiluetic Preparations, Talcum Powder, Face
Creams, Tooth Pastes, Antiseptic Salts, Disinfectants,
a Solution of Calcium Salts, Skin-Healing Powders, Skin-
Healing Dressings, Intestinal Antiseptics, Antisyphilitic
Tablets, Hemorrhoidal Medicinal Ointments, a Preparation
for the Treatment of Gout and Ampules of Glycero-
phosphates with Nucleinate and Cacodylates for Intra-
muscular or Hypodermic Injection in the Treatment of
Anemia, Nervous Exhaustion, Neurasthenia, the Cachexia
Attending Alcoholism, Narcotism or Sexual Excesses,
Protracted or Delayed Convalescence Following Pneu-
monia, Influenza, Malaria, Rheumatism, Sepsis, and for
Asthma Accompanying Chronic Disease, Tuberculosis,
Syphilis, Bright's Disease, and Cancer.
Claims use since February, 1927.

Ser. No. 249,013. FRANCIS MARQUIS, doing business as
Bernard Laboratories, Inc., New York, N. Y. Filed
May 14, 1927.

Denta-Caps

Particular description of goods.—Antiseptic Mouth
Wash in Capsule Form.
Claims use since January, 1917.

Ser. No. 249,561. XPONTANEO PRODUCTS COMPANY, West
Palm Beach, Fla. Filed May 25, 1927.

XPONTANEO

Particular description of goods.—A Preparation for
Use as a Rust Remover and Cleaner.
Claims use since May 23, 1927.

Ser. No. 250,805. GEORGE MANN & CO., INC., Providence,
R. I. Filed June 10, 1927.

KARAB GUM

No claim is made to the word "Gum" apart from the
mark as shown in the drawing.

Particular description of goods.—Finishing Material for
Textiles, Paper, and Leather.
Claims use since Jan. 1, 1923.

Ser. No. 251,024. ALLIED MERKE INSTITUTES, INC., New
York, N. Y. Filed June 24, 1927.



MERKE

No registration rights are claimed for the word
"Merke" apart from the mark shown in the drawing.

Particular description of goods.—Shampoo Cream, Hair
Tonic, and Preparations for the Treatment of Dandruff,
the Scalp, and Hair.
Claims use since 1923.

Ser. No. 251,545. THE COBB MFG. CO., INC., Richmond, Va. Filed July 6, 1927.



Particular description of goods.—Laundry Bluing.
Claims use since 1897.

Ser. No. 251,830. WALTER L. GOUGH, Baltimore, Md. Filed July 11, 1927.

Canthar

Particular description of goods.—Hair Grower.
Claims use since January, 1925.

Ser. No. 251,836. FLORA HEITMILLER, St. Paul, Minn. Filed July 11, 1927.



The name "Flora Heitmiller," which forms a feature of the mark is a facsimile of applicant's signature. The portrait forming a feature of the mark is not the likeness of any person, but is entirely fanciful.

Particular description of goods.—Shampoo Preparation for the Washing of Hair.
Claims use since Apr. 1, 1926.

Ser. No. 252,246. MANHATTAN EYE SALVE CO., Louisville, Ky. Filed July 18, 1927.

DISTAROL

Particular description of goods.—An Ointment for Treating Eczema, Acne, Impetigo, Pruritis, Anl, and Itching from Any Cause.
Claims use since Feb. 17, 1927.

Ser. No. 252,343. ARTHUR E. MEYERS, Cloquet, Minn. Filed July 20, 1927.

JENART

Particular description of goods.—Salve for the Treatment of Eczema, Catarrh, Piles, Burns, and Skin Diseases Generally of Human Beings and for Skin Diseases, Burns, and Cuts on Animals.
Claims use since Apr. 10, 1927.

Ser. No. 252,524. PETROLEUM DERIVATIVES COMPANY, Montclair, N. J. Filed July 25, 1927.

NADOL

Particular description of goods.—Antiseptic Preparation for the Hair, Scalp, and Skin.
Claims use since June 14, 1927.

Ser. No. 252,547. CHIPMAN CHEMICAL ENGINEERING COMPANY, INC., Middlesex, N. J. Filed July 26, 1927.

CALGREEN

Particular description of goods.—Insecticides.
Claims use since June 1, 1927.

Ser. No. 252,620. RÖHM & HAAS COMPANY, Philadelphia, Pa. Filed July 27, 1927.

TANOL

Particular description of goods.—A Chemical Compound Used in Dyeing, Bleaching, and Tanning Leather, and Also Used in the Textile and Printing Industries for the Precipitation of Color Lakes with Basic Dyes.
Claims use since July 8, 1925.

Ser. No. 252,857. MULKEY SALT CO., Detroit, Mich. Filed Aug. 1, 1927.



Particular description of goods.—Salt.
Claims use since about July 1, 1927.

Ser. No. 252,932. JACOB S. BERLINER, New York, N. Y. Filed Aug. 3, 1927.

American Woman

Particular description of goods.—Toilet Preparations—Namely, Rouge, Nail Polish, Skin-Cleansing Tissue, Cologne, Cold Cream, Talcum Powder, Face Powder, and Tooth Paste.
Claims use since July 1, 1927.

Ser. No. 253,100. THE MENNEN COMPANY, Newark, N. J. Filed Aug. 5, 1927.

MENNEN



The portrait shown on the drawing is that of Gerhard Mennen, deceased, the founder of applicant's business.

Particular description of goods.—Toilet and Talcum Powders, Antiseptic Powder, Cold Cream, Skin Balm, and Baby Ointment.
Claims use since January, 1926.

Ser. No. 253,111. PITTSBURGH CLEANSER LABORATORY, INC., Pittsburgh, Pa. Filed Aug. 5, 1927.

SEPTEMBER MORN

Particular description of goods.—Bath Salts.
Claims use since May 16, 1927.

Ser. No. 253,118. TILLARY CHEMICAL & PERFUMERY LABORATORIES, INC., Brooklyn, N. Y. Filed Aug. 5, 1927.



No claim is made to the words "New York, U. S. A." apart from the mark as shown in the drawing.

Particular description of goods.—Hair Dressing, Hair Tonic, Medicated Alcohol for External Use, and Perfume.
Claims use since July 7, 1927.

Ser. No. 253,981. RALPH P. BRANCHE, Albany, N. Y. Filed Aug. 26, 1927.

FASTEETH

Particular description of goods.—Preparation for Securing Dental Plates in Place.
Claims use since June 1, 1925.

Ser. No. 254,035. GRIFFITH AND WOLF LABORATORIES, Hinsdale, Ill. Filed Aug. 27, 1927.

"IT"

Particular description of goods.—Breath Deodorants and Purifiers.
Claims use since Aug. 17, 1927.

Ser. No. 254,487. THE GRASSELLI CHEMICAL COMPANY, Cleveland, Ohio. Filed Sept. 8, 1927.

808

Particular description of goods.—Accelerators for Rubber Vulcanization.
Claims use since Oct. 17, 1925.

Ser. No. 254,550. INDICATOR LABORATORIES, INC., Chicago, Ill. Filed Sept. 9, 1927.

Semafor

Particular description of goods.—Antiseptic Solution.
Claims use since July 20, 1927.

Ser. No. 254,640. IRVING MCEWEN, Omaha, Nebr. Filed Sept. 12, 1927.

DENTOGEN

Particular description of goods.—Liquid Antiseptic, Tooth Powder, and Dental Cream.
Claims use since May 10, 1927.

CLASS 11.

INKS AND INKING MATERIALS.

Ser. No. 252,571. LAWRENCE E. SCRANNAGE, doing business as Gembroze Ink Co., Camden, N. J. Filed July 26, 1927.

GEMBRONZE

Particular description of goods.—Writing, Printing, Lithographing, Bronzing, and Lettering Inks, Printing-Ink Varnishes, and Printing-Ink Dryers.
Claims use since Jan. 1, 1900.

CLASS 12.

CONSTRUCTION MATERIALS.

Ser. No. 220,031. MASTERBILT WALL FIXTURE Co., Santa Barbara, Calif. Filed Sept. 9, 1925.

MASTERBILT

Particular description of goods.—Built in the Wall Type Kitchen Cabinets, Kitchen Tables, Dining-Room Buffets, Dining-Room Tables, Seats, and Benches.
Claims use since Sept. 22, 1924.

Ser. No. 226,892. FALLSTON FIRE CLAY Co., Pittsburgh, Pa. Filed Feb. 5, 1926.

FALLSTON TILES

The word "Tiles" is hereby disclaimed apart from the mark as shown.

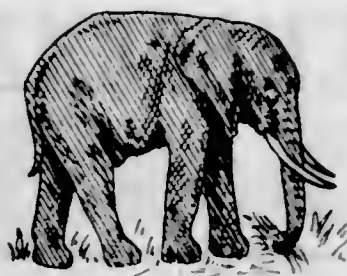
Particular description of goods.—Floor Tile.
Claims use since Jan. 25, 1891.

Ser. No. 249,078. THE L. MARTIN COMPANY, New York, N. Y. Filed May 16, 1927.

ELEPHANT

Particular description of goods.—Blacks or Black Pigments for Coloring Materials Such as Cement and Mortar.
Claims use since 1922.

Ser. No. 249,230. THE L. MARTIN COMPANY, New York, N. Y. Filed May 19, 1927.



Particular description of goods.—Blacks, or Black Pigments for Coloring Materials Such as Cement Mortar.
Claims use since 1925.

Ser. No. 250,195. ALFRED L. SIMON & COMPANY, New York, N. Y. Filed June 8, 1927.

OSMITE

Particular description of goods.—Tilings, Panels, Cornices, Ornamented Sheet Metal and Ornamented Wood, Such Ornamented Sheet Metal and Ornamented Wood Being Ready for Use as Construction Material Either for Walls or for Ceilings.
Claims use since Dec. 1, 1926.

Ser. No. 251,982. THE PARKERSBURG RIG AND REEL COMPANY, Parkersburg, W. Va. Filed July 13, 1927.



The drawing is lined for the colors green, gold, and red. The words appearing on the drawing except the name of the applicant corporation, are disclaimed apart from the mark as shown.

Particular description of goods.—Belt Houses, Engine Houses, Bull-Wheel Houses, Pump Houses, and Stairways for Tank Batteries. By Belt Houses, Engine Houses, Bull-Wheel Houses, and Pump Houses We Mean the Protective Coverings Placed Over the Belt and Band Wheel of Drilling Rigs, Power Units, Bull Wheels, and Pumps, Respectively, to Protect Them from the Weather.
Claims use since Aug. 5, 1920.

Ser. No. 253,498. GARDNER WIRE Co., Chicago, Ill. Filed Aug. 15, 1927.

WHITE BEAR

Particular description of goods.—Weather Strips.
Claims use since Aug. 5, 1927.

CLASS 13.

HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.

Ser. No. 245,243. HOWARD W. AUMACK, doing business as Aumack Manufacturing Co., Jersey City, N. J. Filed Mar. 5, 1927.

ODOROD

Particular description of goods.—Metal Moth-Preventing Clothes-Hanger Rods.
Claims use since about January, 1927.

CLASS 14.

METALS AND METAL CASTINGS AND FORGINGS.

Ser. No. 250,593. THE BINNEY CASTINGS Co., Toledo, Ohio. Filed June 16, 1927.

NIN-OX

Particular description of goods.—Commercial Castings of Metal Alloys.
Claims use since June 3, 1927.

CLASS 16.

PAINTS AND PAINTERS' MATERIALS.

Ser. No. 236,099. SPEE DEE PRODUCTS COMPANY, Bethlehem, Pa. Filed Aug. 17, 1926.

SPEE-DEE

Particular description of goods.—Repair Enamel and Body Enamel.
Claims use since June 2, 1926.

Ser. No. 251,596. WERNER & MERTZ AKTIENGESELLSCHAFT, Mainz, Germany. Filed July 6, 1927.



The drawing is lined for the colors red and black.
Particular description of goods.—Polishing Wax for Floors.
Claims use since Nov. 24, 1922.

Ser. No. 252,495. ELVIN B. BABCOCK, Seattle, Wash. Filed July 25, 1927.



Applicant disclaims any exclusive rights to registration in the word "Spray" apart from the mark as shown. The lining on the drawing is intended to signify shading only.

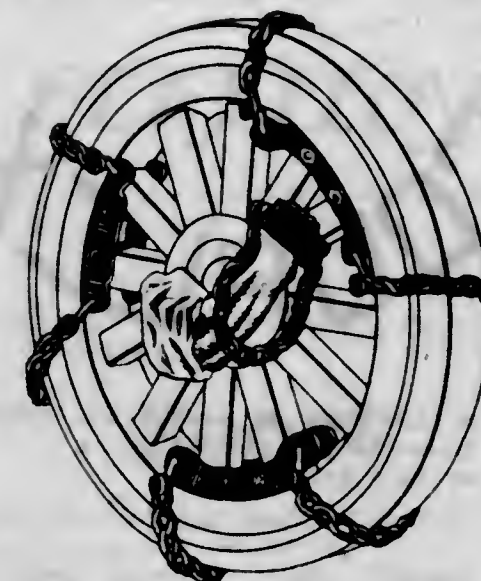
Particular description of goods.—Sprinkler Heads, Lawn Sprinklers, Couplings, and Hose Spuds.
Claims use since Apr. 25, 1927.

Ser. No. 252,770. GIANT GRIP MFG. Co., Oshkosh, Wis. Filed July 30, 1927.

Giant Grip

Particular description of goods.—Traction Equipment for Motor Trucks and Automobiles—Namely, Antiskid Chains, Clamps, Bars, and Bolts.
Claims use since 1910.

Ser. No. 253,237. GIANT GRIP MFG. Co., Oshkosh, Wis. Filed Aug. 9, 1927.



No claim is made to the representation of the goods and of the wheel showing the manner of application apart from the mark as shown. The trade-mark consists of the representation of a sinewy arm with rolled-up sleeve and couped above the elbow, the hand grasping a clamp and chain, superimposed upon a wheel fitted with solid rubber tire and antiskid clamps and chains.

Particular description of goods.—Traction Equipment for Motor Trucks Including Anti-Skid Chains, Clamps, Bars, and Bolts.
Claims use since 1910.

Ser. No. 252,351. ARTHUR W. SCOLES, doing business as Silkton Varnish Co., Kansas City, Mo. Filed July 20, 1927.

SILKON

Particular description of goods.—An Automobile Enamel.
Claims use since June 15, 1927.

Ser. No. 252,792. ESROL ROBIN, doing business as Robin Paint & Varnish Co., New York, N. Y. Filed July 30, 1927.

ROBIN Products



The word "Products" is disclaimed apart from the mark as shown in the drawing. The shading in the drawing represents the color red. The letters "R P & V CO" appearing in the circle with the robin are blue. The remainder of the circle is white.

Particular description of goods.—Dry, Paste, or Ready-Mixed Paints and Varnishes.
Claims use since Jan. 1, 1920.

CLASS 17.

TOBACCO PRODUCTS.

Ser. No. 252,633. A. G. YOUNG, doing business as The Raleigh Tobacco Co., New York, N. Y. Filed July 27, 1927.

Old Rum

Particular description of goods.—Smoking and Chewing Tobacco, Cigars, and Cigarettes.
Claims use since May, 1927.

Ser. No. 254,177. GOLDEN WEST TOBACCO COMPANY, San Francisco, Calif. Filed Aug. 31, 1927.



Particular description of goods.—Cigarettes.
Claims use since July 11, 1927.

CLASS 19.

VEHICLES, NOT INCLUDING ENGINES.

Ser. No. 245,763. TROPIC-AIRE, INCORPORATED, Minneapolis, Minn. Filed Mar. 14, 1927.

TROPIC-AIRE

Particular description of goods.—Heaters for Automotive Vehicles, Heated by the Vehicle Engine Cooling Fluid.

Claims use since about Dec. 1, 1926.

Ser. No. 253,102. THE METROPOLITAN BODY COMPANY, Bridgeport, Conn. Filed Aug. 5, 1927.

COUPLEX

Particular description of goods.—Cabs, Dump Bodies, and Rack Bodies for Automotive Vehicles.
Claims use since Feb. 1, 1927.

Ser. No. 253,285. METAL STAMPING COMPANY, Long Island City, N. Y. Filed Aug. 10, 1927.

WEATHER KING

Particular description of goods.—Automobile Heaters Utilizing Hot Gases from the Engine and Automobile Radiator Shutters.

Claims use on automobile radiator shutters since about July, 1925; on automobile heaters since about May, 1927.

CLASS 22.

GAMES, TOYS, AND SPORTING GOODS.

Ser. No. 252,419. DUNLOP TIRE AND RUBBER CORPORATION, Buffalo, N. Y. Filed July 22, 1927.

MAXPAR

Particular description of goods.—Golf Balls.
Claims use since May 9, 1927.

Ser. No. 252,654. ERIC W. HORNDAL, Brooklyn, N. Y. Filed July 28, 1927.

SILLY YETTES



A GOOD LAUGH FOR EVERYONE!

Particular description of goods.—A Silhouette Cut-Out Game.
Claims use since May 26, 1927.

Ser. No. 253,987. HASSILTINE M. DICKINS, New York, N. Y. Filed Aug. 26, 1927.

FLEXITON

Particular description of goods.—Stuffed Toys.
Claims use since about Aug. 3, 1927.

Ser. No. 254,188. G. H. MANSFIELD & Co., INC., Canton, Mass. Filed Aug. 31, 1927.

Sport

Particular description of goods.—Fishlines.
Claims use since Aug. 17, 1927.

Ser. No. 254,189. G. H. MANSFIELD & Co., INC., Canton, Mass. Filed Aug. 31, 1927.

BaitSport

Particular description of goods.—Fishlines.
Claims use since Aug. 17, 1927.

363 O. G.—31

Ser. No. 254,190. G. H. MANSFIELD & Co., INC., Canton, Mass. Filed Aug. 31, 1927.

FlySport

Particular description of goods.—Fishlines.
Claims use since Aug. 17, 1927.

Ser. No. 254,191. G. H. MANSFIELD & Co., INC., Canton, Mass. Filed Aug. 31, 1927.

SeaSport

Particular description of goods.—Fishlines.
Claims use since Aug. 17, 1927.

Ser. No. 254,192. G. H. MANSFIELD & Co., INC., Canton, Mass. Filed Aug. 31, 1927.

SurfSport

Particular description of goods.—Fishlines.
Claims use since Aug. 17, 1927.

CLASS 23.

CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.
Ser. No. 228,992. KORO ELECTRIC CORPORATION, Chicago, Ill. Filed Mar. 22, 1926.



The drawing is lined to indicate the color red.
Particular description of goods.—Hand Tools for Holding Electrodes and Welding Rods for Welding.
Claims use since October, 1924.

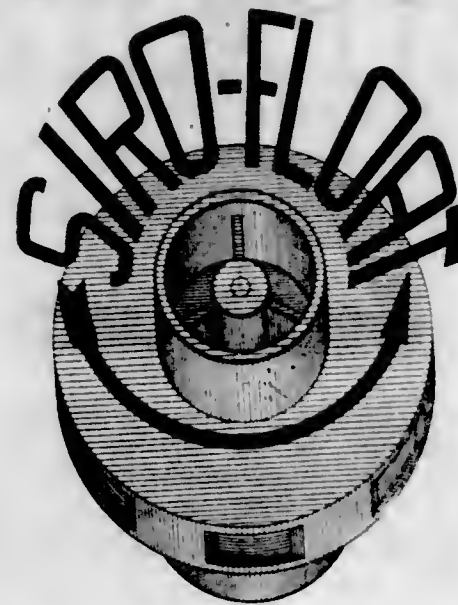
Ser. No. 249,817. SAMUEL J. SHIMER & SONS, Milton, Pa. Filed May 31, 1927. Under 10-year proviso.

THE SHIMER CUTTER HEAD



Particular description of goods.—Cutter and Matcher Heads Used in Woodworking Machines.
Claims use since latter part of 1879.

Ser. No. 249,557. LESTER H. MILES, Los Angeles, Calif.
Filed June 1, 1927.



The lining in the drawing is for shading only. No claim is made to the representation of the goods apart from the mark shown on the drawing.

Particular description of goods.—Audible Sirens, Alarms, and Signals.

Claims use since May 10, 1927.

Ser. No. 253,257. WOOD, NATHAN & VIRKUS CO., INC., New York, N. Y. Filed Aug. 9, 1927.

VIRKOTYPE

Particular description of goods.—Machines for Melting and Cooling Compounds on Wet Ink for Producing a Raised-Letter Effect.

Claims use since Dec. 1, 1913.

Ser. No. 253,504. INDEPENDENT PNEUMATIC TOOL COMPANY, Chicago, Ill. Filed Aug. 15, 1927.

Thor

Particular description of goods.—Air Compressors.
Claims use since June 16, 1926.

Ser. No. 254,256. WORCESTER LAWN MOWER COMPANY, Worcester, Mass. Filed Sept. 1, 1927.

GRASS HOUND

Particular description of goods.—Lawn Mowers.
Claims use since Feb. 1, 1927.

Ser. No. 254,257. WORCESTER LAWN MOWER COMPANY, Worcester, Mass. Filed Sept. 1, 1927.

MONITOR

Particular description of goods.—Lawn Mowers.
Claims use since Feb. 1, 1927.

Ser. No. 254,380. BOOTH BROTHERS COMPANY, Rochester, N. Y. Filed Sept. 6, 1927.

BOOTHCO

Particular description of goods.—Trimming Machines and Beading Machines Used in the Manufacture of Boots and Shoes, and Seam-Pressing Machines Used in the Manufacture of Clothing and Boots and Shoes.

Claims use since about October, 1918.

Ser. No. 254,430. STERLING MOTOR TRUCK CO., Milwaukee, Wis. Filed Sept. 6, 1927.

RED-HEAD

Particular description of goods.—Internal-Combustion Motors.

Claims use since Aug. 12, 1927.

CLASS 24.

LAUNDRY APPLIANCES AND MACHINES.

Ser. No. 244,838. RAINBOW APPLIANCE CORPORATION, Rochester, N. Y. Filed Feb. 24, 1927.

Rainbow

Particular description of goods.—Ironing Machines.
Claims use since Aug. 20, 1924.

Ser. No. 253,188. THE HANDI-APPLIANCE CO. INC., Buffalo, N. Y. Filed Aug. 8, 1927.



No claim is made for the word "Washer" and the representation of a washer apart from the mark as shown.
Particular description of goods.—Laundry Washing Machines.

Claims use since about Feb. 8, 1926.

CLASS 26.

MEASURING AND SCIENTIFIC APPLIANCES.

Ser. No. 253,983. BUFFALO OPTICAL CO., Buffalo, N. Y. Filed Aug. 26, 1927.

C-FAR

Particular description of goods.—An Optical Device Used As a Monocular Field Glass.

Claims use since July 11, 1927.

Ser. No. 254,305. SHARPSVILLE BOILER WORKS CO., Sharpsville, Pa. Filed Sept. 2, 1927.

Sharmeter

Particular description of goods.—Meter Unit for Dispensing Motor Fuel, Motor Lubricating Oils and Other Petroleum Products.

Claims use since Apr. 10, 1927.

CLASS 29.

BROOMS, BRUSHES, AND DUSTERS.

Ser. No. 253,926. JOHN WANAMAKER PHILADELPHIA, Philadelphia, Pa. Filed Aug. 24, 1927.

Charme d'Amour

Particular description of goods.—Powder Puff.
Claims use since Oct. 16, 1926.

Ser. No. 253,927. JOHN WANAMAKER PHILADELPHIA, Philadelphia, Pa. Filed Aug. 24, 1927.

Charme d'Amour

Particular description of goods.—Toothbrushes.
Claims use since June 9, 1927.

CLASS 31.

FILTERS AND REFRIGERATORS.

Ser. No. 253,499. GENERAL REFRIGERATION COMPANY, South Beloit, Ill. Filed Aug. 15, 1927.



Particular description of goods.—Refrigerating Machines and Parts Thereof.

Claims use since July 19, 1927.

Ser. No. 253,963. SIEMENS-SCHUCKERTWERKE GESELLSCHAFT MIT BESCHRÄNKTER HAFTUNG, Berlin-Siemensstadt, Germany. Filed Aug. 25, 1927.

§

Particular description of goods.—Electric Refrigerating Apparatus and Systems and Parts Thereof.
Claims use since about 1904.

CLASS 32.

FURNITURE AND UPHOLSTERY.

Ser. No. 251,940. H. WOLFF & CO. INC., New York, N. Y.
Filed July 12, 1927.

SUN RAY

Particular description of goods.—Shade Pulls Made of Glass and Cotton.
Claims use since June 30, 1927.

CLASS 34.

HEATING, LIGHTING, AND VENTILATING APPARATUS, NOT INCLUDING ELECTRICAL APPARATUS.

Ser. No. 247,225. HERMANN THORENS, Salnte Croix, Switzerland. Filed Apr. 9, 1927.



The words "A light without a Match" are disclaimed apart from the mark shown in the drawing.

Particular description of goods.—Friction Lighters—Namely, Lighters for Producing Sparks by Friction of a Ratchet Wheel on a Ferrocium Block for Lighting the Wick for Use as a Cigar and Cigarette Lighter.
Claims use since Feb. 1, 1927.

Ser. No. 250,787. CENTURY ENGINEERING CORPORATION, Cedar Rapids, Iowa. Filed June 20, 1927.

-CENTURY- YEARS OF SERVICE

Disclaimer of the words "Years of Service" as inserted in the word (Century) is hereby made apart from the mark as shown.

Particular description of goods.—Fuel-Oil Burners.
Claims use since Oct. 7, 1926.

Ser. No. 253,006. THE BUCKEYE BLOWER COMPANY, Columbus, Ohio. Filed Aug. 4, 1927.

THERMOVENT

Particular description of goods.—Heating and Ventilating Units Consisting of Heating Coils or Radiators, Blowers, and Motor.

Claims use since Aug. 1, 1925.

CLASS 35.

BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.

Ser. No. 253,670. THE STUDEBAKER CORPORATION, South Bend, Ind. Filed Aug. 18, 1927.

The PRESIDENT

Particular description of goods.—Tire Covers.
Claims use since Nov. 25, 1926.

CLASS 37.

PAPER AND STATIONERY.

Ser. No. 249,707. EDWARD C. COX, doing business as Souve-Envelo-Ad Co., Rhinebeck, N. Y. Filed May 28, 1927.

SOUVE-ENVELO-AD.

Particular description of goods.—Advertising and Display Envelope.
Claims use since Dec. 16, 1926.

Ser. No. 251,257. RALPH J. BROWN, Godfrey, Ill. Filed June 29, 1927.

NU-PAK

Particular description of goods.—Paper Bands for Tying Vegetables into Bunches.
Claims use since June 24, 1927.

Ser. No. 252,368. COMMERCIAL ENVELOPE COMPANY, INC., Baltimore, Md. Filed July 21, 1927.



The exclusive use of the word "Envelopes" and "Sticktite" and the representation of the envelope are disclaimed apart from the mark shown.

The lines in the drawing are intended for shading only.
Particular description of goods.—Mailing and Correspondence Envelopes.

Claims use since May 1, 1925.

Ser. No. 253,142. FLETCHER PAPER COMPANY, Alpena, Mich. Filed Aug. 6, 1927.



No claim is made to the word "Parchment" alone. The drawing is lined to indicate the color red.
Particular description of goods.—Wrapping Paper.
Claims use since August, 1924.

Ser. No. 253,143. FLETCHER PAPER COMPANY, Alpena, Mich. Filed Aug. 6, 1927.



Applicant disclaims the words "Alpena" and "Michigan."

Particular description of goods.—Wrapping Paper.
Claims use since January, 1926.

Ser. No. 253,227. KEUFFEL & ESSER COMPANY, Hoboken, N. J. Filed Aug. 11, 1927. Under 10-year proviso.

COLUMBIA

Particular description of goods.—Drawing Paper.
Claims use since Jan. 1, 1892.

Ser. No. 253,364. ENGRAVOGRAPHIA, New York, N. Y. Filed Aug. 12, 1927.



No claim is made to the word "Engraved" apart from the mark shown.

Particular description of goods.—Letterheads, Envelopes, Checks, Drafts, Desk Calendars, and Blank Labels.
Claims use since Oct. 17, 1926.

Ser. No. 253,387. THE PATERSON PARCHMENT PAPER CO., Passaic, N. J. Filed Aug. 12, 1927.

Patax

Particular description of goods.—Waxed Paper.
Claims use since July 7, 1927.

Ser. No. 253,410. CONTINENTAL PAPER & BAG MILLS CORPORATION, New York, N. Y. Filed Aug. 13, 1927.

GREYHOUND

Particular description of goods.—Wrapping Paper.
Claims use since Feb. 9, 1927.

Ser. No. 253,491. CLARKE & COURTS, Galveston, Tex. Filed Aug. 15, 1927.

Clear Lake

Particular description of goods.—Printing and Writing Paper Commonly Employed for Printing and Writing Purposes.
Claims use since June 2, 1927.

Ser. No. 253,864. BINNEY & SMITH COMPANY, New York, N. Y. Filed Aug. 24, 1927.

CRAYOLET

Particular description of goods.—Crayons.
Claims use since Aug. 3, 1927.

Ser. No. 253,970. ALBANY CARD AND PAPER MANUFACTURING COMPANY, Albany, N. Y. Filed Aug. 26, 1927.



Particular description of goods.—Photographic Mounts.
Claims use since July 15, 1927.

Ser. No. 254,210. W. A. SHEAFFER PEN CO., Fort Madison, Iowa. Filed Aug. 31, 1927.

PENVELOPE

Particular description of goods.—Cases for Pens and Pencils.
Claims use since Aug. 2, 1927.

Ser. No. 254,438. THE WRENN PAPER COMPANY, Middletown, Ohio. Filed Sept. 6, 1927.



No claim is made to the exclusive use of the word "Blotting" apart from the mark as shown in the drawing.
Particular description of goods.—Blotting Paper.
Claims use since Nov. 17, 1924.

Ser. No. 254,483. BEEKMAN PAPER & CARD COMPANY, INC., New York, N. Y. Filed Sept. 8, 1927.

W. S. C.

Particular description of goods.—Printing and Writing Paper.
Claims use since Sept. 1, 1927.

CLASS 38.

PRINTS AND PUBLICATIONS.

Ser. No. 252,958. WM. H. GRAFFIS & SONS, Chicago, Ill. Filed Aug. 3, 1927.



Particular description of goods.—A Periodical.
Claims use since Feb. 1, 1927.

Ser. No. 252,968. MAXSON FOXHALL JUDELL, New York, N. Y. Filed Aug. 3, 1927.

The
PUNCH BOWL

Particular description of goods.—Titles of Newspaper Columns in Daily Newspapers and Quarterly Magazines.
Claims use on titles of newspaper columns since on or about Feb. 1, 1927; magazines since on or about Mar. 1, 1927.

Ser. No. 253,026. MAXSON FOXHALL JUDELL, New York, N. Y. Filed Aug. 4, 1927.

The Fun Shop

Particular description of goods.—Book Published Annually and Magazines Published Quarterly.
Claims use on books since Mar. 1, 1927; on magazines since on or about June 1, 1927.

CLASS 39.

CLOTHING.

Ser. No. 225,178. ELLIOTT KNITTING MILLS, INC., Hickory, N. C. Filed Dec. 26, 1925.

Serve-Well

Particular description of goods.—Hosiery.
Claims use since Jan. 12, 1912.

Ser. No. 236,147. THE SELBY SHOE CO., Portsmouth, Ohio. Filed Aug. 18, 1926.



Particular description of goods.—Shoes Constructed of Leather or Partly of Leather.
Claims use since July 24, 1926.

Ser. No. 243,697. THE GOODYEAR'S METALLIC RUBBER SHOE COMPANY, doing business as Wales-Goodyear Shoe Co., Naugatuck, Conn. Filed Feb. 2, 1927.



The right to the exclusive use of the words "Trade-Mark" appearing on the drawing is disclaimed.
Particular description of goods.—Boots and Shoes Composed of Rubber or Rubber and Fabric.
Claims use since Nov. 5, 1926.

Ser. No. 245,290. PORTAGE UNDERWEAR MANUFACTURING CO., Portage, Wis. Filed Mar. 5, 1927.

DANSETTE

Particular description of goods.—Ladies' and Children's Underwear of Knitted and Textile Fabric.
Claims use since about July 1, 1925.

Ser. No. 247,548. PHILIP A. LEAF, doing business as Leaf & Company, Chicago, Ill. Filed Apr. 16, 1927.



The expression "Wears Like a Hide" is disclaimed apart from the mark shown in the drawing.
Particular description of goods.—Garments—Namely, Overalls and Pants.
Claims use since Nov. 23, 1926.

Ser. No. 248,322. RALEIGH HABERDASHER, INC., Washington, D. C. Filed May 2, 1927.

Ra Leigh

Particular description of goods.—Coats for Men, Women, and Children.
Claims use since Mar. 1, 1927.

Ser. No. 248,407. GOODMAN, COHEN & CO., New York, N. Y. Filed May 4, 1927.



No claim is made to the exclusive use of the word "Imported" apart from the mark shown in the drawing.
Particular description of goods.—Dress and Negligee Shirts.
Claims use since Mar. 15, 1927.

Ser. No. 251,436. ELF DRESS CO. INC., New York, N. Y.
Filed July 2, 1927.

"The Charming Woman"

Particular description of goods.—Wearing Apparel—
Namely, Dresses, Coats, Suits, and Negligees for Women,
Misses, and Children.

Claims use since May 15, 1927.

Ser. No. 251,564. LEVI STRAUSS AND COMPANY, San
Francisco, Calif. Filed July 6, 1927.



Particular description of goods.—Men's and Boys'
Dress, Negligee, and Work Blouses, and Shirts for Men
and Boys.

Claims use since June 17, 1927.

Ser. No. 251,631. THE ROSEMAID COMPANY, Gallon, Ohio.
Filed July 7, 1927.

ROSEMAID

Particular description of goods.—Women's Dresses,
Scarfs, Princess, and Costume Slips, Bloomers, Bassières,
Pyjamas, and Nightgowns, and Men's and Women's
Underwear of Knitted and Textile Fabric.

Claims use since Nov. 1, 1923.

Ser. No. 252,149. THE ESMOND MILLS, Esmond, R. I.
Filed July 16, 1927.

KOZY KAPE

No claim is made to the exclusive right to the use
of the word "Kape."

Particular description of goods.—Capes of Textile
Fabrics.

Claims use since June 20, 1927.

Ser. No. 252,260. MARYLAND CLOTHING MANUFACTURING
Co., Baltimore, Md. Filed July 19, 1927.



No claim is made to the words "London Fashion
Clothes" and "Baltimore" apart from the mark shown
on the drawing.

Particular description of goods.—Boys' and Men's
Suits and Overcoats, and Women's Suits and Cloaks.

Claims use since Apr. 15, 1927.

Ser. No. 252,328. SAM HOFFMAN, New York, N. Y.
Filed July 20, 1927.



Particular description of goods.—Men's Business, Semi-
formal, and Formal Suits and Overcoats.

Claims use since about November, 1925.

Ser. No. 252,560. MAY DEPARTMENT STORES COMPANY,
New York, N. Y. Filed July 26, 1927.



The drawing is lined for shading purposes and not
for indicating the actual color of the specimens.

Particular description of goods.—Boys' Coats, Vests,
and Trousers.

Claims use since Mar. 1, 1927.

Ser. No. 252,779. LAWDALE GARMENT CO., Chicago, Ill.
Filed July 30, 1927.



LAWDALE MAID

Particular description of goods.—Ladies', Misses', and
Children's Dresses, House Dresses, Bloomers, Chemises,
Kimonas, Nightgowns, Night Robes, Pyjamas, Brassières,
Step-Ins Made of Either Knitted or Textile Fabrics.

Claims use since Jan. 2, 1922.

Ser. No. 252,821. DIXON'S INC., Sioux Falls, S. Dak.
Filed Aug. 1, 1927.



The applicant disclaims the right to the exclusive use
of the phrases "Exclusive Style Man Tailored" and
"Made Under Our Personal Supervision."

Particular description of goods.—Women's Clothing—
Namely, Suits, Cloaks, Coats, Capes, Wraps, Skirts,
Dresses, and Gowns.

Claims use since July 1, 1927.

Ser. No. 252,822. DIXON'S INC., Sioux Falls, S. Dak.
Filed Aug. 1, 1927.



The applicant disclaims the right to the exclusive use
of the phrases "Style and Workmanship and Exclusive
Design."

Particular description of goods.—Women's Clothing—
Namely, Suits, Cloaks, Coats, Capes, Wraps, Skirts,
Dresses, and Gowns.

Claims use since July 1, 1927.

Ser. No. 252,978. J. C. PENNEY COMPANY, Wilmington,
Del., and New York, N. Y. Filed Aug. 3, 1927.

PENIMAID

The lining appearing on the drawing is used merely for
shading purposes only.

Particular description of goods.—Women's and Chil-
dren's Dresses, Bloomers of Textile Fabrics, Nightgowns,
Aprons, and Children's Rompers.

Claims use since July 28, 1926.

Ser. No. 252,988. EVAN LINCOLN THOMAS, doing busi-
ness as The S. Thomas Knitting Mills, Schuylkill Ha-
ven, Pa. Filed Aug. 3, 1927.

"Our Gang"

Particular description of goods.—Children's Knitted
Underwear of Cotton, Wool, Rayon, Silk, and Nainsook.

Claims use since July 1, 1927.

Ser. No. 253,008. FRED BUTTERFIELD & Co., Inc., New
York, N. Y. Filed Aug. 4, 1927.

LIGHT O' DAY

Particular description of goods.—Women's, Misses', and
Children's Dresses, Union Suits and Underwear of
Knitted, Netted, and Textile Fabrics, Nightdresses and
Pyjamas, Men's and Boys' Dress, Negligee, and Work
Shirts, Union Suits and Underwear of Knitted, Netted,
and Textile Fabrics, Nightshirts, Lounging Robes and
Pyjamas.

Claims use since July 6, 1927.

Ser. No. 253,013. AMELIA W. COATES, Clarendon, Va.
Filed Aug. 4, 1927.

Spider Web

Particular description of goods.—Ladies' Dresses, Suits,
Skirts, Coats, Sweaters, and Scarfs.

Claims use since Jan. 1, 1922.

Ser. No. 253,098. S. LIEBOVITZ & SONS, INC., New York,
N. Y. Filed Aug. 5, 1927.

BESTWON

Particular description of goods.—Work Shirts.
Claims use since July 20, 1927.

Ser. No. 253,287. NASS BLOCK, INC., New York, N. Y.
Filed Aug. 10, 1927.



Applicant disclaims the right to the exclusive use of the word "Clothes" except in conjunction with said trade-mark.

Particular description of goods.—Men's Suits, Overcoats, and Topcoats.
Claims use since Jan. 15, 1927.

Ser. No. 253,293. C. B. SHANE Co., Chicago, Ill. Filed Aug. 10, 1927.

Scotlan Topper

Particular description of goods.—Men's Overcoats and Topcoats.
Claims use since about February, 1927.

Ser. No. 253,356. BROWNSTEIN-LOUIS Co., Los Angeles, Calif. Filed Aug. 12, 1927.

STOP-LOSS

Particular description of goods.—Watch, Rule, and Slide Pockets for Men's Overalls and Men's Other Outer Garments.
Claims use since June 1, 1927.

Ser. No. 253,408. BURSON KNITTING COMPANY, Rockford, Ill. Filed Aug. 13, 1927.



Particular description of goods.—Hosiery.
Claims use since July, 1925.

Ser. No. 253,493. DUNN & MCCARTHY, INC., Auburn, N. Y. Filed Aug. 15, 1927.



Particular description of goods.—Leather Shoes.
Claims use since July, 1925.

Ser. No. 253,550. ISIDOR J. RUBIN, doing business as I. J. Rubin & Co., New York, N. Y. Filed Aug. 16, 1927.



Particular description of goods.—Women's and Misses' Sport Wear—Namely, Women's and Misses' Coats, Suits, Dresses, and Wraps.
Claims use since Aug. 8, 1927.

Ser. No. 253,561. ALBERTA MILLS, INC., Philadelphia, Pa. Filed Aug. 17, 1927.



Particular description of goods.—Bathing Suits.
Claims use since about July 15, 1927.

Ser. No. 253,635. THE APPLEBAUM-MAUTNER COMPANY, INC., Champaign, Ill. Filed Aug. 18, 1927.



Particular description of goods.—Boots and Shoes of Leather, Fabric, or Combinations Thereof.
Claims use since Feb. 9, 1927.

Ser. No. 253,690. THE BIESENTHAL-JOHNSTON Co., New York, N. Y. Filed Aug. 19, 1927.

Eleventeen

Particular description of goods.—Misses' and Children's Dresses.
Claims use since Jan. 25, 1927.

Ser. No. 253,804. INTERNATIONAL SHOE COMPANY, doing business as Interstate Shoe Company, St. Louis, Mo., and Manchester, N. H. Filed Aug. 22, 1927.



No claim is made to the words "Fine Shoes" and "Made in America" apart from the trade-mark shown in the drawing.

Particular description of goods.—Leather Boots, Shoes, and Slippers and Canvas Boots, Shoes, and Slippers.
Claims use since July 26, 1927.

Ser. No. 253,831. CEDAR GROVE SHOE MFG. CO., Cedar Grove, Wis. Filed Aug. 23, 1927.



Particular description of goods.—Shoes of Leather, Rubber, Fabric, and Combinations Thereof.
Claims use since Nov. 3, 1926.

Ser. No. 253,832. COPELOF, STILLMAN & CO. INC., New York, N. Y. Filed Aug. 23, 1927.

BROLAINE

Particular description of goods.—Women's and Misses' Coats, Suits, and Dresses.
Claims use since May, 1927.

Ser. No. 253,833. COPELOF, STILLMAN & CO., INC., New York, N. Y. Filed Aug. 23, 1927.

KAMELFAIR

Particular description of goods.—Women's and Misses' Coats, Suits, and Dresses.
Claims use since May, 1927.

Ser. No. 253,863. BEAR BRAND HOSIERY Co., Chicago, Ill. Filed Aug. 24, 1927.

MISS MADRID

Particular description of goods.—Hosiery.
Claims use since July 14, 1927.

Ser. No. 254,023. A. B. A. SPECIALTIES COMPANY, INC., New York, N. Y. Filed Aug. 27, 1927.



Particular description of goods.—Shoulder Straps, Draw Strings for Undergarments, Hose Supporters, and Garment Fasteners.
Claims use since November, 1926.

Ser. No. 254,038. HICKEY-FREEMAN COMPANY, Rochester, N. Y. Filed Aug. 27, 1927.

Llamando

Particular description of goods.—Men's Overcoats.
Claims use since Aug. 2, 1927.

Ser. No. 254,206. ROTHCHILD & HIRSCHENSOHN INC., New York, N. Y. Filed Aug. 31, 1927.

RAVEN

Particular description of goods.—Ladies', Children's, and Misses' Hats.
Claims use since Aug. 24, 1927.

CLASS 40.

FANCY GOODS, FURNISHINGS, AND NOTIONS.

Ser. No. 241,155. HUGO HEUSCH & CIE. G. M. B. H., Aachen, Germany. Filed Dec. 8, 1926.

DRAGON (DRACHEN)

Particular description of goods.—Hand-Sewing Needles, Pins Made of Steel, Brass, Iron, or Aluminum Wire, With Heads of Similar Material or Heads of Glass, Safety Pins Made of Steel, Brass, Iron, or Aluminum Wire, Crochet Needles, Hand Knitting Needles, Hairpins Made of Steel, Brass, Iron, or Aluminum Wire, and Hat Pins Made of Steel, Brass, Iron, or Aluminum Wire With Heads of Similar Material, or Heads Made of Glass.

Claims use since Oct. 1, 1894.

CLASS 44.

DENTAL, MEDICAL, AND SURGICAL APPLIANCES.

Ser. No. 234,211. NEIL M. JONES, Los Angeles, Calif. Filed July 6, 1926.

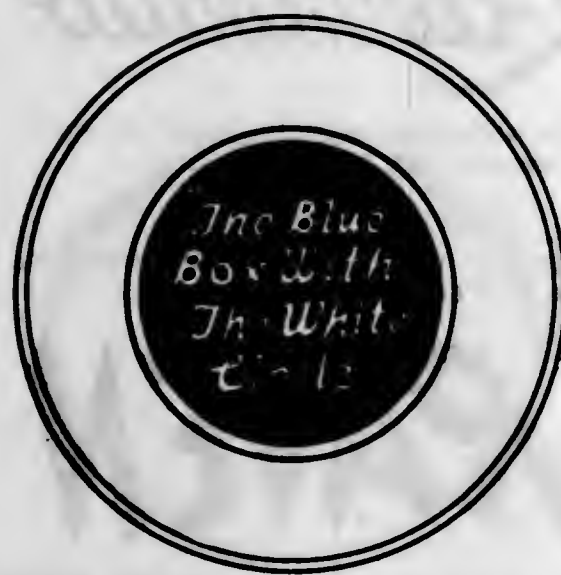


Right to the exclusive use of the words "Radium-Spa" and "Trade Mark" is hereby disclaimed apart from the mark shown on the drawing.

Particular description of goods.—Radio-Active Water Container.

Claims use since May 10, 1926.

Ser. No. 252,372. MARSHALL FIELD & COMPANY, Chicago, Ill. Filed July 21, 1927.



Particular description of goods.—Sanitary Napkins. Claims use since Apr. 14, 1927.

Ser. No. 253,961. SIEMENS & HALSKE AKTIENGESELLSCHAFT, Berlin-Siemensstadt, Germany. Filed Aug. 25, 1927.



Particular description of goods.—Electromedical Appliances—Namely, Installations for Diathermics, Röntgen Installations, Fever-Recording Apparatus, Light Baths, and Massage Installations.

Claims use since 1899.

CLASS 45.

BEVERAGES, NONALCOHOLIC.

Ser. No. 252,655. COCA COLA BOTTLING COMPANY OF LOS ANGELES, Los Angeles, Calif. Filed July 29, 1927.

OLD TIME

Particular description of goods.—Nonalcoholic, Maltless Beverages Used as Soft Drinks and Syrups, Extracts, and Concentrates for Preparing Same, Carbonated Beverages, Fountain Syrups, Bottler's Syrups and Extracts.

Claims use since July 1, 1925.

Ser. No. 253,264. BLUE SEAL EXTRACT COMPANY, Cambridge, Mass. Filed Aug. 10, 1927.

WITE BOTEL

Particular description of goods.—Nonalcoholic, Non-cereal, Maltless Beverages Sold as Soft Drinks, and Syrups, Extracts, and Concentrates for Making the Same.

Claims use since May 7, 1924.

Ser. No. 253,271. JOHN E. CRISTANI, New York, N. Y. Filed Aug. 10, 1927.

AUSONIA

Particular description of goods.—Mineral Waters. Claims use since 1912.

Ser. No. 253,531. CHAMP MFG. CO., Indianapolis, Ind. Filed Aug. 16, 1927.



Particular description of goods.—Nonalcoholic, Non-cereal, Maltless Beverages Sold as Soft Drinks, and Syrups, Extracts, and Concentrates for Making the Same.

Claims use since May 1, 1927.

Ser. No. 253,554. THEONETT & CO., Chicago, Ill. Filed Aug. 16, 1927.

"TOPS 'EM ALL"

Particular description of goods.—Nonalcoholic, Non-cereal, Maltless Beverages Sold as Soft Drinks, and Flavoring Syrups and Extracts, and Concentrates for Making the Same.

Claims use since May 1, 1925.

Ser. No. 253,896. ITALIAN-SWISS COLONY, San Francisco, Calif. Filed Aug. 24, 1927.

TIPO

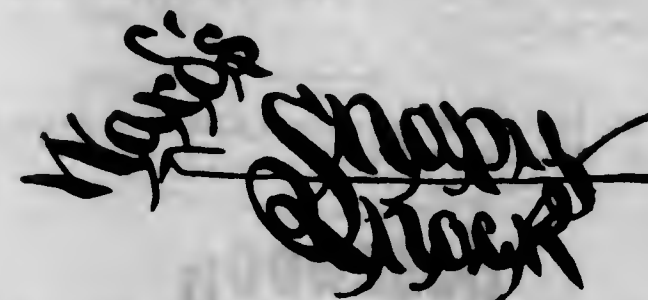
Particular description of goods.—Unfermented Grape Juice.

Claims use since July 15, 1927.

CLASS 46.

FOODS AND INGREDIENTS OF FOODS.

Ser. No. 208,940. WARD'S SNAPPY SNACK CO., Detroit, Mich. Filed Jan. 31, 1925.



The mark as used being printed with white letters on a red background, no claim being made to the words "Ward's Snappy Snack" aside or apart from the mark shown.

Particular description of goods.—Milk-Chocolate Bar with a Confection Filling.

Claims use since Dec. 17, 1924.

Ser. No. 224,199. NORTH SHORE FOOD PRODUCTS CO., Chicago, Ill. Filed Dec. 3, 1925.

DIXIE

Particular description of goods.—Cottage Cheese. Claims use since Sept. 20, 1925.

Ser. No. 228,230. FRANCIS S. ECKEL, Los Angeles, Calif. Filed Mar. 6, 1926.

BLUE CROWN

Particular description of goods.—Fresh Deciduous Fruits, Fresh Vegetables, and Fresh Grapes.

Claims use since Apr. 17, 1925.

Ser. No. 236,807. LOWRY-RODGERS COMPANY, doing business as Lowry Coffee Company, Philadelphia, Pa. Filed Sept. 2, 1926.



The descriptive word "Coffee" and the outline of the carton in which the goods are packed are disclaimed apart from the other features of the mark.

Particular description of goods.—Coffee.

Claims use since May 19, 1924.

Ser. No. 240,552. F. KELLE, doing business as California Fruit Preserving Co., San Francisco, Calif., assignor to California Fruit Preserving Corporation, San Francisco, Calif., a Corporation of California. Filed Nov. 24, 1926.

THREE DIAMOND

Particular description of goods.—Minced meat, Jams, Jellies, and Marmalades, Canned Fruits for Sale.

Claims use since Sept. 1, 1923.

Ser. No. 240,766. ANKENY LINSEED MANUFACTURING CO., Des Moines, Iowa. Filed Nov. 30, 1926.



The drawing is lined to show the color red. The exclusive use of the word "Brand" except as shown in connection with the other features of the mark is disclaimed.

Particular description of goods.—Linseed Meal for Stock-Feeding Purposes and the Compounding of Stock and Poultry Foods.

Claims use since 1912.

Ser. No. 240,842. H. BAHLSENS KEKSEFABRIK AKTIENGESELLSCHAFT, Hanover, Germany. Filed Dec. 2, 1926.

LEIBNIZ

Applicant is the owner of registration No. 31,171, Jan. 25, 1898, comprising the word "Leibniz."

Particular description of goods.—Pastry, Alimentary Pastes Such as Macaroni, Vermicelli, and Noodles, Sweetmeats, Candies, Pralines, Cakes, Sugar Pastries, Chocolate Pastries, Tarts, Pies, Puddings, Fancy and Wafer Cakes, Waffles, Biscuits, Marchpane, Chocolate, Cocoa, Preparations of Zwieback and Dried Milk for Children, Rye, Wheat, and Oat-Meal Flour, Pudding Powder, Honey, Jam, Jellies, Ginger Bread, Fresh, Dried, and Preserved Vegetables, Fresh Fish, Dried Fish, Smoked Fish, Canned Fish, Fresh Eggs, Preserved Eggs, Mayonnaise, Food Seasoning, Sauces, Jelly Powder, Sausages, Fresh Meat, Dried Meat, Smoked Meat, Extracts of Meat, Meat Pie, Meat Puddings, Citrous and Deciduous Fresh Fruits, Dried Fruits, Preserved Fruits, Malt, Malt Sugar, Icings and Fillings for Wafers, Cakes, Tarts, and Bonbons Such as Chocolate, Marchpane, and Sugar Masses, Jams, and Fruits.

Claims use since July 14, 1897.

Ser. No. 242,916. SEIDEMAN & SEIDEMAN, INC., New York, N. Y. Filed Jan. 15, 1927.

ATHENA

Particular description of goods.—Greek Black Olives.

Claims use since Nov. 3, 1925.

Ser. No. 242,918. SEIDEMAN & SEIDEMAN, INC., New York, N. Y. Filed Jan. 15, 1927.

ARTENIS

Particular description of goods.—Greek Black Olives.

Claims use since Nov. 3, 1925.

Ser. No. 242,919. SEIDEMAN & SEIDEMAN, INC., New York, N. Y. Filed Jan. 15, 1927.

VENUS

Particular description of goods.—Greek Black Olives.

Claims use since Nov. 3, 1925.

Ser. No. 242,920. SEIDEMAN & SEIDEMAN, INC., New York, N. Y. Filed Jan. 15, 1927.

PYTHIA

Particular description of goods.—Greek Black Olives.

Claims use since Nov. 3, 1925.

Ser. No. 246,739. CELLAS' INC., New York, N. Y. Filed Apr. 1, 1927.



GOLDEN

The word "Golden" is disclaimed apart from its association with the other features of the mark.

Particular description of goods.—Olive Oil.

Claims use since 1903.

Ser. No. 247,188. HOUSTON SALES & MFG. CO., Houston, Tex. Filed Apr. 9, 1927.

ROSEWOOD

Particular description of goods.—Pickles, Pepper Sauce, Salad Mustard, Chow-Chow, and Sweet Relish and Hot Relish Made of Chopped Pickles, Cauliflower, Tomatoes, Spices, Vinegar, and Sugar.

Claims use since Mar. 28, 1927.

Ser. No. 248,155. CHEROKEE MILLS, Nashville, Tenn. Filed Apr. 29, 1927.

TIP-TOP

Particular description of goods.—Self-Rising Flour.

Claims use since November, 1910.

Ser. No. 248,290. EATON G. M. B. H., Munich, Germany. Filed May 2, 1927.

Sweetamin

Particular description of goods.—Honey Substitute, Syrup for Baking Purposes, Bread, Cake, Pies, Candy, Yeast, Yeast Extract, Yeast Preparations for Baking, Dietetic Foods Consisting of Cereals and Milk, and Yeast Preparations for Dietetic Purposes.

Claims use since Feb. 17, 1927.

Ser. No. 248,626. ESKIMO PIE CORPORATION, Louisville, Ky. Filed May 7, 1927.



Particular description of goods.—Candy-Covered Frozen Confections.

Claims use since Jan. 3, 1927.

Ser. No. 250,952. AKTIEROLAGET WESTERDAHL & KARSTEN, Stockholm, Sweden. Filed June 23, 1927.



No claim is made to the word "Stockholm" apart from the mark shown in the drawing.

Particular description of goods.—Bread and Rusks of All Kinds.

Claims use since June 4, 1897.

Ser. No. 251,363. HARRY SHULKIN, doing business as Star Novelty Company, Minneapolis, Minn. Filed June 30, 1927.



Particular description of goods.—Candy.

Claims use since June 7, 1927.

Ser. No. 251,514. ROACH, TISDALE & Co., Minneapolis, Minn. Filed July 5, 1927.



Particular description of goods.—Candy Bar.

Claims use since May 23, 1927.

Ser. No. 252,883. CALIFORNIA PACKING CORPORATION, San Francisco, Calif. Filed Aug. 2, 1927.

Ambassador

Particular description of goods.—Canned Fruits, Canned Vegetables, Dried Fruits, and Catchup.

Claims use since 1904.

Ser. No. 253,199. RED TOP MALT EXTRACT CO., Cincinnati, Ohio. Filed Aug. 8, 1927.



The conventional lining indicates the color red.

Particular description of goods.—Malt Extracts and Sirups.

Claims use since Sept. 1, 1920.

Ser. No. 253,325. OTTO H. HEINE, Cottage Grove, Oreg.
Filed Aug. 11, 1927.

Rivulet

Particular description of goods.—Canned Fruits and Canned Vegetables.
Claims use since Sept. 1, 1924.

Ser. No. 253,481. RIVERDALE PRODUCTS COMPANY, Chicago, Ill. Filed Aug. 15, 1927.

MEATABONE

Particular description of goods.—Poultry Food—Name-ly, Meat Scraps.
Claims use since Aug. 1, 1926.

Ser. No. 253,555. THEONETT & Co., Chicago, Ill. Filed Aug. 16, 1927.

"TOPS 'EM ALL"

Particular description of goods.—A Dressing or Sauce for Meats, Gravies, Soups, Game, Etc.
Claims use since May 1, 1925.

Ser. No. 253,757. INDEPENDENT BAKING COMPANY, Davenport, Iowa. Filed Aug. 20, 1927.

PROTECTION BRAND

No claim is made to the exclusive use of the word "Brand" or to the registration of that word separate and apart from the mark as shown in the drawing.

Particular description of goods.—Crackers, Cookies, Biscuits, and Wafers.
Claims use since Dec. 1, 1908.

Ser. No. 253,758. JOLIET MACARONI COMPANY, doing business as The New Macaroni Co., Joliet, Ill. Filed Aug. 20, 1927.

EGG-ARONI

Particular description of goods.—Allmentary Pastes.
Claims use since Apr. 7, 1927.

Ser. No. 253,892. TOM HUSTON, doing business as Tom Huston Peanut Company, Columbus, Ga. Filed Aug. 24, 1927.

Blue Bird

Particular description of goods.—Peanut-Cracker Sandwiches.
Claims use since Aug. 10, 1927.

Ser. No. 253,893. TOM HUSTON, doing business as Tom Huston Peanut Company, Columbus, Ga. Filed Aug. 24, 1927.

Red Bird

Particular description of goods.—Peanut-Cracker Sandwiches.
Claims use since Aug. 10, 1927.

Ser. No. 253,952. MESA ORCHARD COMPANY, Mesa, Idaho. Filed Aug. 25, 1927.

MESA M

Particular description of goods.—Fresh Apples, Pears, and Peaches.
Claims use since 1920.

Ser. No. 253,988. THE EAGLE CANDY MANUFACTURING COMPANY, Baltimore, Md. Filed Aug. 26, 1927.

4-11-44

Particular description of goods.—Candy.
Claims use since Feb. 1, 1927.

Ser. No. 254,050. PLANTERS NUT AND CHOCOLATE CO., Suffolk, Va. Filed Aug. 27, 1927.



Particular description of goods.—Chocolate-Covered Peanuts.
Claims use since September, 1925.

Ser. No. 254,178. SIGMUND L. GOLDMAN, doing business as Big Four Products Co., Chicago, Ill. Filed Aug. 31, 1927.

BIG FOUR

Particular description of goods.—Hop-Flavored Malt Sirup for Food Purposes.
Claims use since Nov. 15, 1926.

363 O. G.—32

Ser. No. 254,200. RED SUN PRODUCTS COMPANY, Chicago, Ill. Filed Aug. 31, 1927.

"PARADISE"

Particular description of goods.—Malt Sirup for Food Purposes.
Claims use since May 17, 1925.

Ser. No. 254,201. RED SUN PRODUCTS COMPANY, Chicago, Ill. Filed Aug. 31, 1927.

"EVERGREEN"

Particular description of goods.—Malt Sirup for Food Purposes.
Claims use since June 5, 1925.

Ser. No. 254,202. RED SUN PRODUCTS COMPANY, Chicago, Ill. Filed Aug. 31, 1927.

Dutch Delight

Particular description of goods.—Malt Sirup for Food Purposes.
Claims use since July, 1925.

Ser. No. 254,205. RED SUN PRODUCTS COMPANY, Chicago, Ill. Filed Aug. 31, 1927.

"BOSS"

Particular description of goods.—Malt Sirup for Food Purposes.
Claims use since Sept. 5, 1925.

Ser. No. 254,285. INDEPENDENT BAKING COMPANY, Davenport, Iowa. Filed Sept. 2, 1927.

Soda Midgets

Particular description of goods.—Crackers and Biscuits.
Claims use since Nov. 1, 1901.

Ser. No. 254,402. LAKE CHARLES RICE MILLING COMPANY, Lake Charles, La. Filed Sept. 6, 1927.

Peter Pan



Particular description of goods.—Rice.
Claims use since October, 1926.

Ser. No. 254,404. THE LARABEE FLOUR MILLS COMPANY, doing business as The Interior Flour Mills Company, Kansas City, Mo. Filed Sept. 6, 1927.



Particular description of goods.—Wheat Flour.
Claims use since Aug. 24, 1927.

Ser. No. 254,405. THE LARABEE FLOUR MILLS COMPANY, doing business as The Interior Flour Mills Company, Kansas City, Mo. Filed Sept. 6, 1927.



TREASURE ISLAND

Particular description of goods.—Wheat Flour.
Claims use since Aug. 24, 1927.

Ser. No. 254,480. VIGNES-BOMBET GROCER CO. INC., Baton Rouge, La. Filed Sept. 7, 1927.

WITE-RITE

Particular description of goods.—Wheat Flour.
Claims use since Apr. 1, 1927.

TRADE-MARK REGISTRATIONS GRANTED

[ACT OF FEBRUARY 20, 1905.]

OCTOBER 18, 1927.

- 233,996. ADHESIVE PASTE. RUSSIA CEMENT COMPANY, Gloucester, Mass.
Filed June 4, 1927. Serial No. 250,039. PUBLISHED AUGUST 9, 1927. Class 5.
- 233,997. PERIODICAL. THE RAILWAY EQUIPMENT AND PUBLICATION COMPANY, New York, N. Y.
Filed June 4, 1927. Serial No. 250,038. PUBLISHED JULY 19, 1927. Class 38.
- 233,998. A PERIODICAL. THE RAILWAY EQUIPMENT AND PUBLICATION COMPANY, New York, N. Y.
Filed June 4, 1927. Serial No. 250,037. PUBLISHED JULY 19, 1927. Class 38.
- 233,999. PHONOGRAPH RECORDS. W. T. GRANT COMPANY, Lynn, Mass., and New York, N. Y.
Filed June 4, 1927. Serial No. 250,022. PUBLISHED AUGUST 2, 1927. Class 36.
- 234,000. SOAP FLAKES. COLGATE & COMPANY, Jersey City, N. J.
Filed June 4, 1927. Serial No. 250,013. PUBLISHED JULY 26, 1927. Class 4.
- 234,001. SOAP FLAKES. COLGATE & COMPANY, Jersey City, N. J.
Filed June 4, 1927. Serial No. 250,012. PUBLISHED JULY 19, 1927. Class 4.
- 234,002. SOAP. COLGATE & COMPANY, Jersey City, N. J., and New York, N. Y.
Filed June 4, 1927. Serial No. 250,011. PUBLISHED JULY 19, 1927. Class 4.
- 234,003. BABBITT METAL. RICHARDS COMPANY, INC., Boston, Mass.
Filed June 3, 1927. Serial No. 249,994. PUBLISHED AUGUST 2, 1927. Class 14.
- 234,004. TOY U. S. MAIL WAGONS, MAIL TRUCKS, MAIL CARS, MAIL BOATS, AND MAIL PLANES; MINIATURE MAIL BOXES, MAIL BAGS, AND TOY MAILING ENVELOPES. IRVING H. FISHELOV, doing business as H. Fishelov & Co., Chicago, Ill.
Filed June 3, 1927. Serial No. 249,962. PUBLISHED AUGUST 9, 1927. Class 22.
- 234,005. ORNAMENTAL PINS MADE OF OR PLATED WITH PRECIOUS METAL. COHN & ROSENBERGER, INC., New York, N. Y.
Filed June 3, 1927. Serial No. 249,949. PUBLISHED AUGUST 2, 1927. Class 28.
- 234,006. RADIO RECEIVING SETS AND RADIO LOUD SPEAKERS. BELKNAP HARDWARE & MANUFACTURING COMPANY, Louisville, Ky.
Filed June 3, 1927. Serial No. 249,940. PUBLISHED AUGUST 2, 1927. Class 21.
- 234,007. MACHINERY—NAMELY, ROCK-CRUSHING APPARATUS. ALLOY STEEL AND METALS CO., Los Angeles, Calif.
Filed June 3, 1927. Serial No. 249,936. PUBLISHED AUGUST 9, 1927. Class 23.
- 234,008. MONTHLY PUBLICATION. MOLLIE DAVIS NICHOLSON, Chevy Chase, Md.
Filed June 4, 1927. Serial No. 250,033. PUBLISHED JULY 19, 1927. Class 38.
- 234,009. MUSICAL INSTRUMENT ACCESSORIES—NAMELY, STEEL, GUT, AND SILK STRINGS FOR FRETTED AND BOWED INSTRUMENTS, PICKS, ROSIN FOR BOWED INSTRUMENTS, REEDS FOR CLARINET, SAXOPHONE, OBOE, AND BASSOON, SAXOPHONE STRAPS, CLARINET AND SAXOPHONE PADS, AND CLARINET AND SAXOPHONE MOUTHPIECES. J. SCHWARTZ MUSIC CO. INC., New York, N. Y.
Filed May 21, 1927. Serial No. 249,377. PUBLISHED AUGUST 2, 1927. Class 36.
- 234,010. BRAKE-ADJUSTING DEVICE. MASTER PRODUCTS CORPORATION, San Francisco, Calif.
Filed May 21, 1927. Serial No. 249,360. PUBLISHED AUGUST 9, 1927. Class 23.
- 234,011. LADIES' AND MISSES' HATS. CONSOLIDATED MILLINERY COMPANY, Chicago, Ill.
Filed May 21, 1927. Serial No. 249,343. PUBLISHED JULY 12, 1927. Class 39.
- 234,012. LADIES' AND MISSES' HATS. CONSOLIDATED MILLINERY COMPANY, Chicago, Ill.
Filed May 21, 1927. Serial No. 249,342. PUBLISHED JULY 12, 1927. Class 39.
- 234,013. LADIES' AND MISSES' HATS. CONSOLIDATED MILLINERY COMPANY, Chicago, Ill.
Filed May 21, 1927. Serial No. 249,340. PUBLISHED JULY 12, 1927. Class 39.
- 234,014. LADIES' AND MISSES' HATS. CONSOLIDATED MILLINERY COMPANY, Chicago, Ill.
Filed May 21, 1927. Serial No. 249,339. PUBLISHED JULY 12, 1927. Class 39.
- 234,015. LADIES' AND MISSES' HATS. CONSOLIDATED MILLINERY COMPANY, Chicago, Ill.
Filed May 21, 1927. Serial No. 249,334. PUBLISHED JULY 12, 1927. Class 39.
- 234,016. LADIES' AND MISSES' HATS. CONSOLIDATED MILLINERY COMPANY, Chicago, Ill.
Filed May 21, 1927. Serial No. 249,333. PUBLISHED JULY 12, 1927. Class 39.
- 234,017. LADIES' AND MISSES' HATS. CONSOLIDATED MILLINERY COMPANY, Chicago, Ill.
Filed May 21, 1927. Serial No. 249,330. PUBLISHED JULY 12, 1927. Class 39.
- 234,018. LADIES' AND MISSES' HATS. CONSOLIDATED MILLINERY COMPANY, Chicago, Ill.
Filed May 21, 1927. Serial No. 249,326. PUBLISHED JULY 12, 1927. Class 39.
- 234,019. TABLETS OF SUGAR AND OTHER INGREDIENTS USED IN THE PREPARATION OF SOFT DRINKS. LOTIS SCHLOSSER, doing business as L. Schlosser & Co., Chicago, Ill.
Filed May 18, 1927. Serial No. 249,196. PUBLISHED AUGUST 9, 1927. Class 45.
- 234,020. ELECTRIC-LIGHTING FIXTURES. GROSS CHANDELIER CO., St. Louis, Mo.
Filed May 19, 1927. Serial No. 249,222. PUBLISHED AUGUST 2, 1927. Class 21.
- 234,021. TELEPHONE-TRANSMITTER MOUTHPIECES. EDWARD L. BEARD, New York, N. Y., assignor to Mathilde Brassler, New York, N. Y.
Filed May 21, 1927. Serial No. 249,321. PUBLISHED AUGUST 9, 1927. Class 21.
- 234,022. CHAMPAGNE WINE. SOCIETE VINICOLE DE CHAMPAGNE, Paris, France.
Filed May 20, 1927. Serial No. 249,301. PUBLISHED AUGUST 9, 1927. Class 47.
- 234,023. DAIRY FEED. MARITIME MILLING COMPANY INC., Buffalo, N. Y.
Filed May 19, 1927. Serial No. 249,229. PUBLISHED AUGUST 2, 1927. Class 46.
- 234,024. POTATOES IN THEIR NATURAL STATE. A. B. WACHLIN, Fairfield, Me.
Filed May 18, 1927. Serial No. 249,205. PUBLISHED AUGUST 9, 1927. Class 46.
- 234,025. FARM PRODUCTS—NAMELY, REGISTERED CATTLE, MILK, AND EGGS. ROBERT W. SKINNER, Jr., Upper Gwynedd Township, Montgomery County, near North Wales, Pa.
Filed May 18, 1927. Serial No. 249,199. PUBLISHED JULY 26, 1927. Class 46.

- 234,026. LUBRICATING OILS AND LUBRICATING GREASES. UNION OIL COMPANY OF CALIFORNIA, Los Angeles, Calif.
Filed May 17, 1927. Serial No. 249,140. PUBLISHED AUGUST 9, 1927. Class 15.
- 234,027. HAND-CLEANER PREPARATION. JOHN J. SAMMON, doing business as J. J. Sammon, Boston, Mass.
Filed May 18, 1927. Serial No. 249,194. PUBLISHED JULY 19, 1927. Class 4.
- 234,028. DYES. PAAS DYE COMPANY, Newark, N. J.
Filed May 18, 1927. Serial No. 249,190. PUBLISHED AUGUST 9, 1927. Class 6.
- 234,029. ACCOUNT BOOKS AND ACCOUNTING FORMS. CUNO R. BRYANT, Portland, Oreg.
Filed March 2, 1927. Serial No. 245,080. PUBLISHED JULY 26, 1927. Class 37.
- 234,030. MALT SIRUP FOR COOKING, BREAD MAKING, AND CANDY MAKING. MONTE C. MEERER, Harrisburg, Pa.
Filed March 9, 1927. Serial No. 245,447. PUBLISHED MAY 17, 1927. Class 46.
- 234,031. MALT SIRUP FOR FOOD PURPOSES. P. BALLANTINE AND SONS, Newark, N. J.
Filed March 7, 1927. Serial No. 245,321. PUBLISHED APRIL 26, 1927. Class 46.
- 234,032. PRINTED BOOKLETS AND PRINTED SHEETS RELATING TO REVENUE TAXATION; LIFE INSURANCE, AND THE LIKE. PUBLISHED FROM TIME TO TIME. AUGUST ROSENBERG, New York, N. Y.
Filed March 4, 1927. Serial No. 245,227. PUBLISHED JULY 26, 1927. Class 38.
- 234,033. CANNED FRUITS, CANNED VEGETABLES, AND CANNED PORK AND BEANS. THE WETTINGER CORPORATION, Rochester, N. Y.
Filed March 2, 1927. Serial No. 245,126. PUBLISHED AUGUST 2, 1927. Class 46.
- 234,034. CIGARS, CIGARETTES, SMOKING, CHEWING, AND LEAF TOBACCO. VETTERLEIN CIGAR COMPANY, Pennsylvania, Pa.
Filed March 2, 1927. Serial No. 245,121. PUBLISHED AUGUST 9, 1927. Class 17.
- 234,035. A WEEKLY PUBLICATION AND PERIODICAL. KNOW ST. LOUIS PUBLISHING CO., St. Louis, Mo.
Filed June 2, 1927. Serial No. 249,911. PUBLISHED JULY 19, 1927. Class 38.
- 234,036. A FICTION MAGAZINE. FICTION HOUSE, INC., New York, N. Y.
Filed June 2, 1927. Serial No. 249,897. PUBLISHED JULY 26, 1927. Class 38.
- 234,037. LEAD PENCILS. EBERHARD FABER PENCIL COMPANY, Brooklyn, N. Y.
Filed June 2, 1927. Serial No. 249,895. PUBLISHED JULY 26, 1927. Class 37.
- 234,038. GOLF SHAFTS AND GOLF CLUBS. N. C. BLANCHARD COMPANY, Hartman, Tenn.
Filed June 2, 1927. Serial No. 249,887. PUBLISHED AUGUST 9, 1927. Class 22.
- 234,039. APPARATUS FOR USE IN TRANSMITTING VIEWS, SCENES, OR IMAGES TO A DISTANCE BY TELEGRAPHY. JOHN LOGIE BAIRD, London, England.
Filed June 2, 1927. Serial No. 249,886. PUBLISHED AUGUST 2, 1927. Class 21.
- 234,040. CHEMICAL COMPOSITION FOR USE IN THE PURIFICATION OF WATER. ALUMINUM ORE COMPANY, Pittsburgh, Pa.
Filed June 2, 1927. Serial No. 249,883. PUBLISHED AUGUST 9, 1927. Class 6.
- 234,041. TOILET PAPER. HOBBERG PAPER & FIBRE COMPANY, Green Bay, Wis.
Filed May 9, 1927. Serial No. 248,688. PUBLISHED JULY 19, 1927. Class 37.

- 234,042. TOILET PAPER. HOBBERG PAPER & FIBRE COMPANY, Green Bay, Wis.
Filed May 9, 1927. Serial No. 248,687. PUBLISHED JULY 26, 1927. Class 37.
- 234,043. TOILET PAPER. HOBBERG PAPER & FIBRE COMPANY, Green Bay, Wis.
Filed May 9, 1927. Serial No. 248,686. PUBLISHED JULY 19, 1927. Class 37.
- 234,044. TOILET PAPER. HOBBERG PAPER & FIBRE COMPANY, Green Bay, Wis.
Filed May 9, 1927. Serial No. 248,685. PUBLISHED JULY 19, 1927. Class 37.
- 234,045. TOILET PAPER. HOBBERG PAPER & FIBRE COMPANY, Green Bay, Wis.
Filed May 9, 1927. Serial No. 248,684. PUBLISHED JULY 19, 1927. Class 37.
- 234,046. WHOLE WHEAT CEREAL FOODS. HECKER-H-O COMPANY, Inc., Buffalo, N. Y.
Filed May 9, 1927. Serial No. 248,683. PUBLISHED AUGUST 2, 1927. Class 46.
- 234,047. PREPARATION FOR POLISHING SILVER, NICKEL, BRASS, ALUMINUM, AND COPPER. HARRY C. CLARKE & CO., East Pittsburgh, Pa.
Filed May 9, 1927. Serial No. 248,673. PUBLISHED JULY 19, 1927. Class 4.
- 234,048. ILLUMINATING OIL, MOTOR FUEL OIL, LUBRICATING OIL, AND LUBRICATING GREASE. SWAN-FINCH OIL CORPORATION, New York, N. Y.
Filed May 7, 1927. Serial No. 248,654. PUBLISHED AUGUST 2, 1927. Class 15.
- 234,049. POCKETBOOKS, KEY CASES, CIGARETTE CASES, WALLETS, LETTER CASES, LEATHER SOFT-COLLAR CASES, HANDKERCHIEF CASES, LEATHER PLAYING-CARD CASES, HAND BAGS, BRIEF CASES, CATALOGUE CASES, PORTFOLIOS, LEATHER ACCOUNTANTS' CASES, LEATHER BRIEF ENVELOPES, LEATHER INSURANCE CASES, AND MUSIC CASES. H. E. RICE COMPANY, Muskegon, Mich.
Filed May 6, 1927. Serial No. 248,594. PUBLISHED JULY 26, 1927. Class 3.
- 234,050. CRACKERS AND CRACKER MEAL. THE B. MANISCHWITZ COMPANY, Cincinnati, Ohio.
Filed May 5, 1927. Serial No. 248,507. PUBLISHED AUGUST 2, 1927. Class 46.
- 234,051. MOUTH HARMONICAS. M. HONNEB, INC., New York, N. Y.
Filed May 5, 1927. Serial No. 248,494. PUBLISHED AUGUST 2, 1927. Class 36.
- 234,052. MALT SIRUP. JOSEPH F. DENEND, doing business as Wurzenburg Malt Extract Co., Chicago, Ill.
Filed March 17, 1927. Serial No. 245,898. PUBLISHED JUNE 7, 1927. Class 46.
- 234,053. BOOK PAPER. GRAHAM PAPER COMPANY, St. Louis, Mo.
Filed March 17, 1927. Serial No. 245,905. PUBLISHED JULY 19, 1927. Class 37.
- 234,054. GUMMED AND UNGUMMED PAPER SEALING, VENEER, AND STAY TAPES. CHICAGO GUM TAPE COMPANY, Chicago, Ill.
Filed March 25, 1927. Serial No. 246,331. PUBLISHED JULY 19, 1927. Class 37.
- 234,055. VACUUM CLEANERS, BRUSHING AND POLISHING MACHINES, DRILLING AND GRINDING MACHINES, AND SUCTION BLOWERS, ALL ELECTRICALLY OPERATED, AND PARTS THEREOF. A/S. FISKE & NIELSEN, Copenhagen, Denmark.
Filed March 24, 1927. Serial No. 246,274. PUBLISHED AUGUST 9, 1927. Class 21.
- 234,056. EGGS AND BUTTER. PALMETTO COFFEE COMPANY, INC., Washington, D. C.
Filed March 21, 1927. Serial No. 246,116. PUBLISHED AUGUST 2, 1927. Class 46.

- 234,057. MALT SIRUP AND MALT EXTRACTS FOR FOOD PURPOSES. ANDREW A. OSEKOWSKI, doing business as Red Boy Products Co., Detroit, Mich.
Filed March 28, 1927. Serial No. 246,496. PUBLISHED JULY 19, 1927. Class 46.
- 234,058. ELECTRIC MOTORS GENERALLY, AND PARTICULARLY ELECTRIC MOTORS SUITABLE FOR DRIVING FANS. KNAPP ELECTRIC CORPORATION, Port Chester, N. Y.
Filed March 1, 1927. Serial No. 245,057. PUBLISHED AUGUST 2, 1927. Class 21.
- 234,059. ELECTRIC MOTORS GENERALLY, AND PARTICULARLY ELECTRIC MOTORS SUITABLE FOR DRIVING FANS. KNAPP ELECTRIC CORPORATION, Port Chester, N. Y.
Filed March 1, 1927. Serial No. 245,059. PUBLISHED AUGUST 2, 1927. Class 21.
- 234,060. LAUNDRY SOAPS, TOILET SOAPS, SHAVING-CREAM SOAPS, SHAVING SOAPS, SHREDDED SOAPS, SOAP JELLY, SOAP POWDERS, SOAP FLAKES, METAL POLISHES, SILVER POLISHES, SHOE POLISHES, AND STOVE POLISHES. MARK W. ALLEN & CO., Detroit, Mich.
Filed June 2, 1927. Serial No. 249,882. PUBLISHED JULY 26, 1927. Class 4.
- 234,061. GENERAL CLEANSING AND WASHING COMPOUND FOR PERSONAL USE, FOR USE IN THE KITCHEN AND HOUSEHOLD GENERALLY, AND FOR USE IN THE LAUNDRY, GARAGE, DAIRY, AND INDUSTRIAL PLANTS OF ALL KINDS. OAKITE PRODUCTS, INC., New York, N. Y.
Filed June 1, 1927. Serial No. 249,859. PUBLISHED JULY 19, 1927. Class 4.
- 234,062. CEREAL BREAKFAST FOOD. KELLOGG COMPANY, Battle Creek, Mich.
Filed June 1, 1927. Serial No. 249,852. PUBLISHED JULY 26, 1927. Class 46.
- 234,063. PERIODICAL. THE DOG AND CAT DRUG STORES, INC., Baltimore, Md.
Filed June 1, 1927. Serial No. 249,842. PUBLISHED JULY 19, 1927. Class 38.
- 234,064. LIQUID DRESSING FOR LEATHER. WILDER & COMPANY, Chicago, Ill.
Filed May 31, 1927. Serial No. 249,826. PUBLISHED JULY 19, 1927. Class 4.
- 234,065. BATTERIES. VOLTON BATTERY CO., INC., Brooklyn, N. Y.
Filed May 31, 1927. Serial No. 249,825. PUBLISHED AUGUST 2, 1927. Class 21.
- 234,066. IRON CARBON ALLOY. ROCKFORD MALLEABLE IRON WORKS, Rockford, Ill.
Filed May 31, 1927. Serial No. 249,809. PUBLISHED AUGUST 2, 1927. Class 14.
- 234,067. MALT EXTRACTS. NICHOLAS KREMER, doing business as Kremer's Malt Extract Company, Chicago, Ill.
Filed May 31, 1927. Serial No. 249,798. PUBLISHED JULY 19, 1927. Class 46.
- 234,068. MONTHLY PERIODICAL. STANDARD OIL COMPANY (NEW JERSEY), Bayonne, N. J.
Filed May 28, 1927. Serial No. 249,757. PUBLISHED JULY 19, 1927. Class 38.
- 234,069. WATCHES, CLOCKS, AND THEIR CASES AND MOVEMENTS. I. OLLENDORFF CO., INC., New York, N. Y.
Filed May 28, 1927. Serial No. 249,745. PUBLISHED AUGUST 9, 1927. Class 27.
- 234,070. WATCHES. LENG & SPITZ, New York, N. Y.
Filed May 28, 1927. Serial No. 249,734. PUBLISHED AUGUST 9, 1927. Class 27.
- 234,071. WRITING PAPER. J. G. HUTCHINSON & COMPANY, Ottumwa, Iowa.
Filed May 28, 1927. Serial No. 249,725. PUBLISHED JULY 26, 1927. Class 37.
- 234,072. RADIO RECEIVING SETS AND RADIO PARTS—NAMELY, CONDENSERS, TRANSFORMERS, RESISTANCES, SWITCHES, AND RECEIVING LOOPS. CHAS. FRESHMAN CO. INC., New York, N. Y.
Filed May 28, 1927. Serial No. 249,717. PUBLISHED AUGUST 9, 1927. Class 21.
- 234,073. RADIO RECEIVING SETS AND RADIO PARTS—NAMELY, CONDENSERS, TRANSFORMERS, SWITCHES, AND RECEIVING LOOPS. CHAS. FRESHMAN CO. INC., New York, N. Y.
Filed May 28, 1927. Serial No. 249,718. PUBLISHED AUGUST 9, 1927. Class 21.
- 234,074. CANNED FRUITS, CANNED VEGETABLES, AND CATCHUP. ROCKY MOUNTAIN PACKING CORPORATION, Salt Lake City, Utah.
Filed June 6, 1927. Serial No. 250,096. PUBLISHED AUGUST 2, 1927. Class 46.
- 234,075. GINGER ALE, A NONALCOHOLIC, NON-CEREAL, MALTLESS BEVERAGE SOLD AS A SOFT DRINK, AND SIRUP FOR MAKING THE SAME. PARAMOUNT DISTILLED WATER CO., New York, N. Y.
Filed June 6, 1927. Serial No. 250,093. PUBLISHED AUGUST 9, 1927. Class 45.
- 234,076. ANNUAL DIRECTORIES OF THE MUSICAL RESOURCES OF THE UNITED STATES AND CANADA. THE MUSICAL AMERICA COMPANY, New York, N. Y., assigns, by mesne assignments, to Trade Publications, Inc., New York, N. Y., a Corporation of Delaware.
Filed June 6, 1927. Serial No. 250,090. PUBLISHED JULY 26, 1927. Class 38.
- 234,077. SIRUP FOR ICE-CREAM SUNDAES AND FOOD PURPOSES. J. N. COLLINS COMPANY, Minneapolis, Minn.
Filed June 6, 1927. Serial No. 250,071. PUBLISHED AUGUST 2, 1927. Class 46.
- 234,078. SIRUP FOR ICE-CREAM SUNDAES AND FOOD PURPOSES. J. N. COLLINS COMPANY, Minneapolis, Minn.
Filed June 6, 1927. Serial No. 250,070. PUBLISHED AUGUST 2, 1927. Class 46.
- 234,079. STOCK FEEDS INCLUDING POULTRY FEEDS, COMPRISING CHICK STARTER, CHICK GRAINS, GROWING MASH, EGG MASH, SCRATCH GRAINS, DEVELOPING FEED AND CRATE FATTENER AS WELL AS OTHER FEEDS SUCH AS DAIRY RATIONS AND PIG MEAL. BLANK & GOTTSCHALL CO., INC., Sunbury and Williamsport, Pa.
Filed June 6, 1927. Serial No. 250,059. PUBLISHED AUGUST 2, 1927. Class 46.
- 234,080. POWER-DRIVEN MEAT AND BONE SAWS. BAIRD & BELL, INC., Glendale, Calif.
Filed June 6, 1927. Serial No. 250,057. PUBLISHED AUGUST 9, 1927. Class 23.
- 234,081. BOOTS AND SHOES OF LEATHER, FABRIC, OR COMBINATIONS THEREOF. M. A. PACKARD COMPANY, Brockton, Mass.
Filed May 4, 1927. Serial No. 248,437. PUBLISHED JULY 12, 1927. Class 39.
- 234,082. MALT SIRUPS. WILLIAM GRAF, doing business as Southwark Beverage & Products Co., Philadelphia, Pa.
Filed May 3, 1927. Serial No. 248,362. PUBLISHED JUNE 14, 1927. Class 46.
- 234,083. CHEESE, OLIVE OIL, AND CANNED TOMATOES. SCHROEDER BROS., New York, N. Y.
Filed May 2, 1927. Serial No. 248,327. PUBLISHED AUGUST 2, 1927. Class 46.
- 234,084. MALT SIRUP. HERMAN MESSERSCHMIDT, doing business as Schmidt Products Company, Detroit, Mich.
Filed May 2, 1927. Serial No. 248,312. PUBLISHED JUNE 14, 1927. Class 46.

- 234,085. A CLEANSING COMPOUND FOR ALL SMOOTH SURFACES AND FOR LAUNDRY USE. ANNA CODY, doing business as Cody Manufacturing Co., Cedar Rapids, Iowa.
Filed May 2, 1927. Serial No. 248,282. PUBLISHED JULY 26, 1927. Class 4.
- 234,086. PLAYING CARDS. THE J. L. HUDSON COMPANY, Detroit, Mich.
Filed April 30, 1927. Serial No. 248,234. PUBLISHED AUGUST 9, 1927. Class 22.
- 234,087. RADIO RECEIVING SETS AND LOOP AERIALS. TRAVLER MANUFACTURING CORPORATION, Chicago, Ill.
Filed April 29, 1927. Serial No. 248,207. PUBLISHED AUGUST 9, 1927. Class 21.
- 234,088. MALT EXTRACT. JOSEPH KASAL, Chicago, Ill.
Filed April 16, 1927. Serial No. 247,544. PUBLISHED JULY 12, 1927. Class 46.
- 234,089. REFRIGERATION COUNTERS. EMMET PLATTEN, doing business as Platten Refrigeration Company, Green Bay, Wis.
Filed April 14, 1927. Serial No. 247,444. PUBLISHED JULY 26, 1927. Class 31.
- 234,090. GASOLINE. STANDARD OIL COMPANY, Whiting, Ind., and Chicago, Ill.
Filed April 29, 1927. Serial No. 248,202. PUBLISHED AUGUST 2, 1927. Class 15.
- 234,091. WATCHES, WATCH MOVEMENTS, AND PARTS OF THE SAME. JOSEPH GOTTLIER, doing business as Jagot, New York, N. Y.
Filed April 29, 1927. Serial No. 248,176. PUBLISHED AUGUST 2, 1927. Class 27.
- 234,092. MONTHLY MAGAZINE. EXPORTERS & IMPORTERS JOURNAL, INC., New York, N. Y.; Boston, Mass.; San Francisco, Calif.; London and Liverpool, England.
Filed April 29, 1927. Serial No. 248,167. PUBLISHED AUGUST 2, 1927. Class 38.
- 234,093. INSECT EXTERMINATOR—NAMESLY, A LIQUID INSECTICIDE FOR DESTRUCTION OF FLIES, MOSQUITOES, MOTHS, BEDBUGS, ANTS, ROACHES, AND OTHER INSECTS. LOUIS M. TRIVISONE, doing business as Independent Oil & Chemical Company, Port Richmond, N. Y.
Filed April 27, 1927. Serial No. 248,067. PUBLISHED AUGUST 9, 1927. Class 6.
- 234,094. MEN'S WORK SHIRTS. RELIANCE MANUFACTURING COMPANY, Chicago, Ill.
Filed April 27, 1927. Serial No. 248,058. PUBLISHED JULY 12, 1927. Class 39.
- 234,095. ARTICLES OF JEWELRY MADE OF PRECIOUS OR SEMIPRECIOUS METALS OR A COMBINATION THEREOF—NAMESLY, RINGS, BRACELETS, AND OTHER PERSONAL JEWELRY, BUT NOT INCLUDING WATCHES. CHARLES M. LEVY & SON, New York, N. Y.
Filed April 27, 1927. Serial No. 248,042. PUBLISHED AUGUST 2, 1927. Class 28.
- 234,096. A CLEANING COMPOUND FOR PAINTED, VARNISHED, AND ENAMELED SURFACES. THE AMAZINE PRODUCTS CO., East Liverpool, Ohio.
Filed April 27, 1927. Serial No. 248,026. PUBLISHED JULY 26, 1927. Class 4.
- 234,097. LADIES' AND MISSES' HOUSE DRESSES AND APRONS. SAMUEL L. HOFFMAN, doing business as S. L. Hoffman & Co., New York, N. Y.
Filed April 26, 1927. Serial No. 248,000. PUBLISHED JUNE 28, 1927. Class 39.
- 234,098. LEATHER PLAYING-CARD CASES, WRITING CASES, BRIEF CASES, PORTFOLIOS, AND POCKETBOOKS. SAMUEL WARD MANUFACTURING COMPANY, Boston, Mass.
Filed April 25, 1927. Serial No. 247,975. PUBLISHED AUGUST 2, 1927. Class 3.

- 234,099. LADIES' KNIT UNDERWEAR. WEIL-KALTER MANUFACTURING COMPANY, St. Louis, Mo.
Filed April 23, 1927. Serial No. 247,919. PUBLISHED JULY 12, 1927. Class 39.
- 234,100. COVERS FOR SHEET MUSIC. SAMUEL MANUS, Brooklyn, N. Y.
Filed April 23, 1927. Serial No. 247,902. PUBLISHED JULY 26, 1927. Class 37.
- 234,101. PANELS, SWITCHBOARDS, SWITCHES, AND PARTS FOR THE SAME. LEXINGTON ELECTRIC PRODUCTS CO., INC., New York, N. Y.
Filed April 23, 1927. Serial No. 247,900. PUBLISHED AUGUST 9, 1927. Class 21.
- 234,102. DAIRY-FEED MIXTURE CONSISTING OF WHEAT BRAN, GROUND OATS, ALFALFA, MOLASSES, CORN FEED MEAL, CORN GLUTEN FEED, LINSEED MEAL, COTTONSEED MEAL, AND SALT. MOORE BROS., doing business as Holdenville Mill & Elevator Co., Holdenville, Okla.
Filed April 22, 1927. Serial No. 247,863. PUBLISHED AUGUST 2, 1927. Class 46.
- 234,103. MALT EXTRACT. EDNA S. CLUEVER, doing business as Melo-Cream Distributing Co., Chicago, Ill.
Filed April 22, 1927. Serial No. 247,838. PUBLISHED JULY 12, 1927. Class 46.
- 234,104. BOYS' SUITS, VESTS, PANTS, AND OVERCOATS. THE H. A. SEINSHMEIER COMPANY, Cincinnati, Ohio.
Filed April 21, 1927. Serial No. 247,824. PUBLISHED JULY 12, 1927. Class 39.
- 234,105. DETARNISHING, CLEANING, AND POLISHING COMPOUND FOR METAL WARE. BRITENALL MANUFACTURING CO., INC., New York, N. Y.
Filed April 19, 1927. Serial No. 247,673. PUBLISHED JULY 19, 1927. Class 4.
- 234,106. PERIODICALLY-PUBLISHED CARTOONS. FRANK D. MILLER, Denver, Colo.
Filed April 18, 1927. Serial No. 247,625. PUBLISHED JULY 26, 1927. Class 38.
- 234,107. MONTHLY PUBLICATION. MARKETING SPECIALTIES, INC., doing business as Independent Grocers' Alliance, Chicago, Ill.
Filed April 5, 1927. Serial No. 246,967. PUBLISHED AUGUST 2, 1927. Class 38.
- 234,108. MONTHLY PUBLICATION. MARKETING SPECIALTIES, INC., doing business as Independent Grocers' Alliance, Chicago, Ill.
Filed April 5, 1927. Serial No. 246,966. PUBLISHED AUGUST 2, 1927. Class 38.
- 234,109. BOOKLETS RELATING TO THE CULTURE OF FLOWERS AND SHRUBS. THE WAYSIDE GARDENS CO., Mentor, Ohio.
Filed April 2, 1927. Serial No. 246,867. PUBLISHED AUGUST 2, 1927. Class 38.
- 234,110. MEN'S AND BOYS' UNION SUITS OF TEXTILE FABRIC. CARSON PIRIE SCOTT & CO., Chicago, Ill.
Filed May 13, 1926. Serial No. 231,523. PUBLISHED JULY 5, 1927. Class 39.
- 234,111. BOARDS OF PAPER OR FLONGS. L. S. DIXON & CO., LTD., Liverpool, England.
Filed May 13, 1926. Serial No. 231,530. PUBLISHED JULY 26, 1927. Class 37.
- 234,112. PUBLICATION ISSUED TWICE A MONTH. KENDALL MILLS INC., Walpole, Mass.
Filed May 20, 1926. Serial No. 231,935. PUBLISHED JULY 19, 1927. Class 38.
- 234,113. AUTOMOBILE ACCESSORIES—NAMESLY, SPARK TIMERS AND AUTOMOBILE ELECTRIC WIRING SETS. JAMBOR TOOL & STAMPING COMPANY, Milwaukee, Wis.
Filed May 19, 1926. Serial No. 231,865. PUBLISHED AUGUST 9, 1927. Class 21.

- 234,114. CANDY. WM. DERRENBACHER, INC., New York and Brooklyn, N. Y.
Filed June 9, 1926. Serial No. 232,913. PUBLISHED JULY 26, 1927. Class 46.
- 234,115. PARASITICIDES. NIAGARA SPRAYER COMPANY, Middleport, N. Y.
Filed June 12, 1926. Serial No. 233,142. PUBLISHED JANUARY 4, 1927. Class 6.
- 234,116. FINGER RINGS. MAURICE L. NOVACK, Minneapolis, Minn.
Filed June 18, 1926. Serial No. 233,457. PUBLISHED AUGUST 2, 1927. Class 28.
- 234,117. CHEESE. PHENIX CHEESE CORPORATION, New York, N. Y.
Filed July 2, 1926. Serial No. 234,051. PUBLISHED AUGUST 9, 1927. Class 46.
- 234,118. CANNED FRUITS—NAMESLY, PEACHES AND PEARS; CANNED VEGETABLES—NAMESLY, ASPARAGUS AND SPINACH. G. W. HUME COMPANY, San Francisco, Calif.
Filed July 8, 1926. Serial No. 234,302. PUBLISHED AUGUST 9, 1927. Class 46.
- 234,119. GIFT MOTTOES. THE BUZZA COMPANY, Minneapolis, Minn.
Filed July 10, 1926. Serial No. 234,371. PUBLISHED JULY 26, 1927. Class 38.
- 234,120. HOUSE ORGANS ISSUED FROM TIME TO TIME. TOLEDO SCALE COMPANY, Toledo, Ohio.
Filed July 10, 1926. Serial No. 234,420. PUBLISHED NOVEMBER 2, 1926. Class 38.
- 234,121. ANIMAL COOKIES, BISCUITS, BUTTER FLAKES, CHEESE WAFERS, ETC. STANDARD BISCUIT COMPANY, Des Moines, Iowa.
Filed July 26, 1926. Serial No. 235,176. PUBLISHED JULY 26, 1927. Class 46.
- 234,122. PERIODICAL AND BOOKS. AMERICAN REFORESTATION ASSOCIATION, Los Angeles, Calif.
Filed August 12, 1926. Serial No. 235,873. PUBLISHED JULY 19, 1927. Class 38.
- 234,123. ASSORTED CHOCOLATES, BONBONS, CARAMELS, AND HARD CANDY. THE VORONCE & DINNING COMPANY, Huntington, W. Va.
Filed August 12, 1926. Serial No. 235,903. PUBLISHED OCTOBER 12, 1926. Class 46.
- 234,124. OLIVE OIL. JOHN D. PAPADEAS INC., New York, N. Y.
Filed August 20, 1926. Serial No. 236,222. PUBLISHED JULY 26, 1927. Class 46.
- 234,125. MALT CEREAL BEVERAGES. M. K. GOETZ BREWING CO., St. Joseph, Mo.
Filed August 21, 1926. Serial No. 236,264. PUBLISHED OCTOBER 26, 1926. Class 48.
- 234,126. GASOLINE. CHAMPLIN REFINING COMPANY, Enid, Okla.
Filed March 10, 1927. Serial No. 245,471. PUBLISHED AUGUST 2, 1927. Class 15.
- 234,127. MALT SIRUP. CONSUMERS BREWING COMPANY OF NEW YORK, LIMITED, New York, N. Y.
Filed March 10, 1927. Serial No. 245,474. PUBLISHED MAY 3, 1927. Class 46.
- 234,128. WOMEN'S SHOES OF LEATHER, FABRIC, RUBBER, STRAW, AND COMBINATIONS THEREOF, AND HOSIERY. BERLAND SHOE STORES INC., St. Louis, Mo.
Filed March 12, 1927. Serial No. 245,613. PUBLISHED JULY 12, 1927. Class 39.
- 234,129. LEATHER SHOES. MAY DEPARTMENT STORES COMPANY, New York, N. Y.
Filed March 16, 1927. Serial No. 245,850. PUBLISHED JULY 12, 1927. Class 39.
- 234,130. PREPARED STOCK FEED. THE QUAKER OATS COMPANY, Chicago, Ill.
Filed March 14, 1927. Serial No. 245,749. PUBLISHED JULY 26, 1927. Class 46.

- 234,131. POULTRY AND STOCK FEEDS. THE QUAKER OATS COMPANY, Chicago, Ill.
Filed March 12, 1927. Serial No. 245,655. PUBLISHED JULY 26, 1927. Class 46.
- 234,132. PRINTED TICKETS, PRINTED COUPONS, AND COMPLETELY PRINTED RESTAURANT CHECKS. ARCUS TICKET CO., Chicago, Ill.
Filed April 29, 1926. Serial No. 230,865. PUBLISHED JUNE 22, 1926. Class 38.
- 234,133. BELT AND BRAKE DRESSING. B. AND H. ENGINEERING LABORATORIES, Oakland, Calif.
Filed April 26, 1926. Serial No. 230,709. PUBLISHED JULY 19, 1927. Class 4.
- 234,134. PRINTED PAPER WRAPPERS FOR BREAD AND OTHER BAKERY GOODS. AMERICAN BREAD WRAPPER COMPANY, Chicago, Ill.
Filed April 26, 1926. Serial No. 230,705. PUBLISHED JULY 19, 1927. Class 37.
- 234,135. GOLF BALLS. CHARLES S. O'CONNELL, Meriden, Conn.
Filed April 22, 1926. Serial No. 230,565. PUBLISHED AUGUST 9, 1927. Class 22.
- 234,136. TALLY CARDS AND SCORE PADS WITH BLANKS TO FILL IN. THE BUZZA COMPANY, Minneapolis, Minn.
Filed April 13, 1926. Serial No. 230,081. PUBLISHED JULY 12, 1927. Class 37.
- 234,137. ROOFING SHINGLES MADE EITHER FROM WOOD, ASPHALT, OR COMPOSITE MATERIALS AND ASPHALT ROOFING MATERIAL. W. D. WOOD LUMBER COMPANY, Birmingham, Ala.
Filed April 5, 1926. Serial No. 229,714. PUBLISHED JULY 6, 1926. Class 12.
- 234,138. COAL. HARRY O. RUSS, Boston, Mass.
Filed March 26, 1926. Serial No. 229,253. PUBLISHED JUNE 1, 1926. Class 1.
- 234,139. PASTEURIZED MILK. J. D. ROSZELL COMPANY, Peoria, Ill.
Filed February 27, 1926. Serial No. 227,911. PUBLISHED AUGUST 2, 1927. Class 46.
- 234,140. CARPENTERS' APRONS, WORK APRONS, AND CHANGE APRONS. THE TROY SUNSHADE COMPANY, Troy, Ohio.
Filed December 26, 1925. Serial No. 225,208. PUBLISHED JULY 12, 1927. Class 39.
- 234,141. GASOLINE, LUBRICATING OILS, PETROLEUM PRODUCTS—NAMESLY, LUBRICATING GREASES, PETROLEUM DISTILLATES OTHER THAN KEROSENE AND ILLUMINATING OILS, AND MOTOR FUELS IN WHICH A CHIEF CONSTITUENT IS GASOLINE. THE BROOKS OIL COMPANY, Cleveland, Ohio.
Filed December 4, 1925. Serial No. 224,232. PUBLISHED JULY 27, 1926. Class 15.
- 234,142. BUTTER AND BREAD. CHABROW BROTHERS, Philadelphia, Pa.
Filed December 2, 1925. Serial No. 224,080. PUBLISHED AUGUST 2, 1927. Class 46.
- 234,143. WOMEN'S AND MISSES' UNDERWEAR MADE OF KNITTED OR TEXTILE FABRICS OR OF A COMBINATION OF SAID FABRICS. WINSHIP, BOIT & CO., Wakefield, Mass.
Filed November 28, 1925. Serial No. 223,979. PUBLISHED JULY 12, 1927. Class 39.
- 234,144. FISHING LINES. PAWTUCKET BRAIDED LINE COMPANY, INC., Pawtucket, R. I.
Filed November 21, 1925. Serial No. 223,653. PUBLISHED AUGUST 9, 1927. Class 22.
- 234,145. WATCHES, WATCH DIALS, FRAMES FOR SUPPORTING WATCH MOVEMENTS, AND WATCHCASES. JOSEPH B. KISLINGER, New York, N. Y.
Filed November 20, 1925. Serial No. 223,584. PUBLISHED AUGUST 9, 1927. Class 27.

- 234,146. RUBBER HEELS. NON-SKID BALLOON HEEL CORPORATION, Chicago, Ill.
Filed November 14, 1925. Serial No. 223,319. PUBLISHED JULY 5, 1927. Class 39.
- 234,147. ELECTRICAL APPLIANCES. AMERICAN RESISTOR COMPANY, Milwaukee, Wis., assignor to American Resistor Corporation, Philadelphia, Pa., a Corporation of New York.
Filed May 13, 1925. Serial No. 214,227. PUBLISHED AUGUST 2, 1927. Class 21.
- 234,148. SPARK PLUGS FOR INTERNAL-COMBUSTION ENGINES. THE TUANGI SALES COMPANY, doing business under the name of The T-N-T Spark Plug Company, Cleveland, Ohio.
Filed April 15, 1925. Serial No. 212,764. PUBLISHED AUGUST 2, 1927. Class 21.
- 234,149. LEATHER GLOVES. NATIONAL ASSOCIATION OF LEATHER GLOVE AND MITTEN MANUFACTURERS, Utica, N. Y.
Filed March 10, 1925. Serial No. 210,803. PUBLISHED JULY 12, 1927. Class 39.
- 234,150. DUPLICATING MACHINES OF THE KIND WHICH USE STENCILS AND STENCIL SHEETS FOR USE IN CONNECTION WITH SUCH MACHINES. DUPLICATING MACHINES OF THE KIND WHICH USE GELATIN OR LIKE TRANSFER SURFACES, AND HECTOGRAPHIC PAPER, EITHER IN THE FORM OF SHEETS OR OF ROLLS, FOR USE IN CONNECTION WITH DUPLICATING MACHINES OF THE KIND EMPLOYING GELATIN OR LIKE TRANSFER SURFACES. WESTENHOFF & Co., Hanover, Germany.
Filed March 5, 1925. Serial No. 210,595. PUBLISHED JULY 19, 1927. Class 37.
- 234,151. PRINTED LESSONS AND LECTURES. COYNE TRADE & ENGINEERING SCHOOL, doing business as Cooke Auto School, Chicago, Ill., assignor to Job-Way Home Study, Inc., Chicago, Ill.
Filed October 11, 1923. Serial No. 186,828. PUBLISHED AUGUST 2, 1927. Class 38.
- 234,152. POWDERED HAND SOAP. MINNIE A. HANSON, doing business as Kleenslick Mfg. Co., St. Paul, Minn.
Filed April 18, 1927. Serial No. 247,614. PUBLISHED JULY 26, 1927. Class 4.
- 234,153. COATED PAPER WITH GLAZED, PLAIDED, OR EMROSSED FINISH USED IN MANUFACTURING FOR COVERING PAPER BOXES, FOR WRAPPERS, LABELS, BANDS, AND THE LIKE, PAPER COATED FOR USE WITH RECORDING INSTRUMENTS, AND PAPER BACKED WITH AN ADHESIVE APPLIED LAYER OF CLOTH USED FOR MANUFACTURING TAGS, MAPS, CHARTS, DRAWINGS, SAFETY ENVELOPES, CHILDREN'S PICTURE BOOKS, BOOKLET COVERS, ADVERTISING AND DISPLAY POSTERS, WORK TICKETS, AND THE LIKE. REVERSIBLE COLLAR COMPANY, doing business as Middlesex Products Company, Boston, Mass.
Filed April 16, 1927. Serial No. 247,571. PUBLISHED JULY 26, 1927. Class 37.
- 234,154. MALT SIRUP. BEN-BURK, INC., Boston, Mass.
Filed April 14, 1927. Serial No. 247,407. PUBLISHED MAY 31, 1927. Class 46.
- 234,155. BLACK DRESSING FOR AUTO TOPS. BINGHAMTON WATERPROOFING COMPANY, Binghamton, N. Y.
Filed April 12, 1927. Serial No. 247,309. PUBLISHED JULY 26, 1927. Class 4.
- 234,156. RATTLES, DOLLS, BUNNIES, AND TOY ANIMALS. S. BLECHMAN & SONS, INC., New York, N. Y.
Filed April 11, 1927. Serial No. 247,250. PUBLISHED AUGUST 9, 1927. Class 22.

- 234,157. SOAP FLAKES. JAMES H. BERRY, Bakersfield, Calif.
Filed April 9, 1927. Serial No. 247,162. PUBLISHED JULY 26, 1927. Class 4.
- 234,158. SHOES OF LEATHER, SKINS, RUBBER, FABRIC, AND MATERIALS AND COMPOSITIONS SERVING AS SUBSTITUTES FOR THE SAME. FIELD & FLINT CO., Boston and Brockton, Mass.
Filed April 7, 1927. Serial No. 247,070. PUBLISHED JULY 12, 1927. Class 39.
- 234,159. MAILING ENVELOPES, LETTERHEADS, INVOICES, LOOSE-LEAF SHEETS, BLANK TAGS, BINDERS, RULED AND PRINTED REPORT SHEETS, BLANK LABELS, BLOTTERS, TIME CARDS, BLANK SHIPPING RECEIPTS, AND AUCTION-BRIDGE SCORE PADS. CHARLES J. LINCOLN, New Bedford, Mass.
Filed April 6, 1927. Serial No. 247,029. PUBLISHED JULY 19, 1927. Class 37.
- 234,160. WATERPROOF COATS AND WATERPROOF CAPES. PEARSON BROTHERS, London, England.
Filed April 5, 1927. Serial No. 246,976. PUBLISHED JULY 5, 1927. Class 39.
- 234,161. MONTHLY PUBLICATION. MARKETING SPECIALISTS, INC., doing business as Independent Grocers' Alliance, Chicago, Ill.
Filed April 5, 1927. Serial No. 246,968. PUBLISHED AUGUST 2, 1927. Class 38.
- 234,162. MALT EXTRACT. ROBERT GOODMAN, doing business as Goody Products Company, Philadelphia, Pa.
Filed April 2, 1927. Serial No. 246,831. PUBLISHED MAY 31, 1927. Class 46.
- 234,163. PHOTOGRAPHS—NAMES, PHOTOGRAPHS OF PERSONS AND GROUPS OF PERSONS. BENJAMIN H. CRANE, doing business as Rembrandt Studios, Detroit, Mich.
Filed April 2, 1927. Serial No. 246,819. PUBLISHED JULY 26, 1927. Class 38.
- 234,164. PHOTOGRAPHS—NAMES, PHOTOGRAPHS OF PERSONS AND GROUPS OF PERSONS. BENJAMIN H. CRANE, doing business as Rembrandt Studios, Detroit, Mich.
Filed April 2, 1927. Serial No. 246,818. PUBLISHED JULY 26, 1927. Class 38.
- 234,165. LACE-ON TYPE OF BLOW-OUT BOOT OR PATCH FOR USE IN AUTOMOBILE TIRES. 20TH CENTURY MANUFACTURING CO., Midlothian, Tex.
Filed April 1, 1927. Serial No. 246,786. PUBLISHED AUGUST 9, 1927. Class 35.
- 234,166. SHOES FOR MEN, WOMEN, AND CHILDREN, MADE OF LEATHER AND ALSO OF SILK AND BROCADE WITH LEATHER SOLES, AND ORTHOPEDIC SHOES. SCHUH-FABRIK HASSIA A. G., Offenbach-on-the-Main, Germany.
Filed April 1, 1927. Serial No. 246,780. PUBLISHED JULY 12, 1927. Class 39.
- 234,167. MALT SIRUP. BEN-BURK, INC., Boston, Mass.
Filed April 1, 1927. Serial No. 246,735. PUBLISHED MAY 10, 1927. Class 46.
- 234,168. MALT SIRUP. BEN-BURK, INC., Boston, Mass.
Filed April 1, 1927. Serial No. 246,732. PUBLISHED MAY 10, 1927. Class 46.
- 234,169. MALT SIRUP. BEN-BURK, INC., Boston, Mass.
Filed April 1, 1927. Serial No. 246,734. PUBLISHED MAY 17, 1927. Class 46.
- 234,170. MALT SIRUP. BEN-BURK, INC., Boston, Mass.
Filed April 1, 1927. Serial No. 246,731. PUBLISHED MAY 10, 1927. Class 46.
- 234,171. MALT SIRUP. SAMUEL H. STONE, doing business as Economy Malt Company, Akron, Ohio.
Filed February 11, 1927. Serial No. 244,246. PUBLISHED JULY 12, 1927. Class 46.

- 234,172. WOMEN'S, GIRLS', AND MISSES' UNDERGARMENTS AND CLOTHING. C. CRAWFORD HOLIDGE, Boston, Mass.
Filed February 10, 1927. Serial No. 244,156. PUBLISHED JULY 12, 1927. Class 39.
- 234,173. HOP-FLAVORED MALT SIRUP. RED SUN PRODUCTS COMPANY, Chicago, Ill.
Filed February 5, 1927. Serial No. 243,887. PUBLISHED MAY 31, 1927. Class 46.
- 234,174. CONCENTRATED MALT SIRUP AS A FOOD PRODUCT. MILLER PRODUCTS COMPANY, Milwaukee, Wis.
Filed February 3, 1927. Serial No. 243,769. PUBLISHED JUNE 14, 1927. Class 46.
- 234,175. SHOES MADE OF LEATHER, LEATHER AND FABRIC, LEATHER AND RUBBER, AND LEATHER, FABRIC, AND RUBBER. J. P. SMITH SHOE COMPANY, Chicago, Ill.
Filed January 31, 1927. Serial No. 243,628. PUBLISHED JULY 12, 1927. Class 39.
- 234,176. SOAP. BUCK AND RAYNER, doing business as the Century Products Co., Chicago, Ill.
Filed January 27, 1927. Serial No. 243,413. PUBLISHED JULY 26, 1927. Class 4.
- 234,177. PREPARED SPAGHETTI. C. F. MUELLER COMPANY, Jersey City, N. J.
Filed January 22, 1927. Serial No. 243,226. PUBLISHED AUGUST 2, 1927. Class 46.
- 234,178. GLASSINE, WAXED PAPER, AND COMBINATION OF WAXED GLASSINE PAPER. NEWARK PARAFFINE AND PARCHMENT PAPER CO., Newark, N. J., and New York, N. Y.
Filed January 19, 1927. Serial No. 243,061. PUBLISHED JULY 26, 1927. Class 37.
- 234,179. CANNED FISH ROE AND CANNED FISH. C. E. DAVIS & A. E. DAVIS, Reedville, Va.
Filed January 12, 1927. Serial No. 242,711. PUBLISHED AUGUST 9, 1927. Class 46.
- 234,180. DECORATIVE AND FANCY PAPERS—NAMES, CHRISTMAS PAPERS, SHELF PAPERS—PUT UP IN SMALL PACKAGES FOR SALE. PAPER SUPPLY COMPANY, Los Angeles, Calif.
Filed January 12, 1927. Serial No. 242,744. PUBLISHED AUGUST 2, 1927. Class 37.
- 234,181. PERIODICAL. MOORE PUBLISHING CO., INC., New York, N. Y.
Filed January 10, 1927. Serial No. 242,604. PUBLISHED AUGUST 2, 1927. Class 38.
- 234,182. ADHESIVE CEMENT. THE B. F. GOODRICH COMPANY, New York, N. Y.
Filed December 22, 1926. Serial No. 241,822. PUBLISHED AUGUST 2, 1927. Class 5.
- 234,183. KITCHEN CABINETS. NATIONAL CLOAK & SUIT CO., New York, N. Y.
Filed December 24, 1926. Serial No. 241,952. PUBLISHED AUGUST 9, 1927. Class 32.
- 234,184. GLOVES FOR MEN, WOMEN, AND CHILDREN, MADE OF SILK, KNIT FABRICS, OR LEATHER; UNDERWEAR FOR MEN, WOMEN, AND CHILDREN, MADE OF GLOVE SILK, RAYON, SILK AND RAYON, COTTON, WOOL, OR MIXTURES; NIGHTGOWNS FOR WOMEN, MADE OF GLOVE SILK; HOSIERY FOR MEN, WOMEN, AND CHILDREN; FULL-FASHIONED, SEAMLESS, AND SPORT HOSE MADE OF SILK, SILK AND RAYON, RAYON, COTTON, SILK AND WOOL, OR WOOL; SCARFS FOR MEN AND WOMEN, MADE OF SILK, RAYON, SILK AND RAYON, WOOL, OR MIXTURES. MERRILL-CLARK-MEINIO, INC., New York, N. Y.
Filed December 18, 1926. Serial No. 241,665. PUBLISHED JULY 12, 1927. Class 39.
- 234,185. FARM PRODUCTS—NAMES, FRESH APPLES, EGGS IN SHELL, AND BABY CHICKS. HUMPHREY FRUIT FARM, Be'leville, W. Va.
Filed December 15, 1926. Serial No. 241,581. PUBLISHED AUGUST 2, 1927. Class 46.
- 234,186. HOSIERY AND KNIT GOODS—NAMES, SWEATERS, SCARFS, LADIES' AND CHILDREN'S KNITTED HATS, LADIES' UNDERWEAR, MEN'S UNDERWEAR, CHILDREN'S UNDERWEAR. MISSION HOSIERY MILLS, Los Angeles, Calif.
Filed December 13, 1926. Serial No. 241,427. PUBLISHED JULY 12, 1927. Class 39.
- 234,187. POT SCOURERS HAVING THE FORM OF WOVEN METAL WIRE PADS. ALBERT KESSLER, doing business as F. A. Kessler, Mittweida, Germany.
Filed November 20, 1926. Serial No. 240,355. PUBLISHED AUGUST 2, 1927. Class 4.
- 234,188. AUTOMOBILE DRIVERS' ELECTRIC-SIGNAL LIGHTS. WILLIAM HALL GILBERT, doing business as The Gilbert Signal Company, Los Angeles, Calif.
Filed November 18, 1926. Serial No. 240,253. PUBLISHED FEBRUARY 15, 1927. Class 21.
- 234,189. COFFEE. WILLIAM H. BEIMES, doing business as Every Day Coffee Company, St. Louis, Mo.
Filed November 15, 1926. Serial No. 240,058. PUBLISHED JANUARY 11, 1927. Class 46.
- 234,190. AUTOMOBILE TIRE CASINGS AND INNER TUBES. THE MANSFIELD TIRE & RUBBER CO., Mansfield, Ohio.
Filed November 3, 1926. Serial No. 239,622. PUBLISHED AUGUST 9, 1927. Class 35.
- 234,191. SOAP. WM. WALTER & Co., St. Louis, Mo.
Filed October 23, 1926. Serial No. 239,156. PUBLISHED JULY 19, 1927. Class 4.
- 234,192. COLD CREAM REMOVER MADE IN THE FORM OF PAPER NAPKINS. THE HOSPITAL SPECIALTY CO., Cleveland, Ohio.
Filed October 23, 1926. Serial No. 239,112. PUBLISHED AUGUST 2, 1927. Class 37.
- 234,193. NONALCOHOLIC, MALTLESS BEVERAGE SOLD AS A SOFT DRINK. GENERAL CITRUS CORPORATION, Los Angeles, Calif.
Filed October 23, 1926. Serial No. 239,101. PUBLISHED AUGUST 9, 1927. Class 45.
- 234,194. BUTTER, CHEESE, EGGS. C. R. & W. J. SUTHERLAND, Albany, N. Y.
Filed October 16, 1926. Serial No. 238,751. PUBLISHED DECEMBER 14, 1926. Class 46.
- 234,195. MONTHLY MAGAZINE. THE MARION STEAM SHOVEL COMPANY, Marion, Ohio.
Filed October 4, 1926. Serial No. 238,125. PUBLISHED JULY 19, 1927. Class 38.
- 234,196. FRESH APPLES. DAN WUELL & COMPANY, INCORPORATED, New York, N. Y.
Filed September 27, 1926. Serial No. 237,788. PUBLISHED JULY 12, 1927. Class 46.
- 234,197. MEDICINE FOR USE IN THE TREATMENT OF CHOLERA, CHOLERA MORBUS, DIARRHEA, DYSENTERY, FLUX, COLIC, PAINS IN THE STOMACH AND BOWELS, SPRAINS, BRUISES, STINGS, BITES, WOUNDS, CUTS, AND HEADACHE, TOOTHACHE, RHEUMATISM, NEURALGIA, COLDS, AND CHILLS. ROBERT P. ANDERSON, Sunbury, Ohio.
Filed September 21, 1926. Serial No. 237,526. PUBLISHED AUGUST 9, 1927. Class 6.
- 234,198. UMBRELLAS, UMBRELLA RIBS AND UMBRELLA FRAMES. FOLLMER CLOGG & Co., Lancaster, Pa., New York, N. Y., Columbia and Philadelphia, Pa., and San Francisco, Calif.
Filed September 14, 1926. Serial No. 237,230. PUBLISHED JULY 26, 1927. Class 41.
- 234,199. PHOTOGRAPHIC SENSITIZED PLATES, SENSITIZED FILMS, SENSITIZED PAPERS, CAMERAS, LENSES, AND DEVELOPING APPARATUS. PHOTOMATON, INC., New York, N. Y.
Filed June 22, 1927. Serial No. 250,937. PUBLISHED AUGUST 9, 1927. Class 26.

- 234,200. NAME OF A WEEKLY MAGAZINE. THE RED STAR NEWS COMPANY, New York, N. Y. Filed June 22, 1927. Serial No. 250,938. PUBLISHED AUGUST 2, 1927. Class 38.
- 234,201. MONTHLY MAGAZINE. UNIVERSAL PORTLAND CEMENT Co., Chicago, Ill. Filed June 22, 1927. Serial No. 250,947. PUBLISHED AUGUST 2, 1927. Class 38.
- 234,202. A GAME FOR PLAYING IN EITHER OUT OF DOORS OR INDOOR COMBINING THE FEATURES OF TENNIS, GOLF, AND CROQUET AND ADAPTED TO BE PLAYED IN EITHER A VERY LIMITED OR A VERY EXTENDED AREA. CECIL P. CAULKINS, New London, Conn. Filed June 23, 1927. Serial No. 250,975. PUBLISHED AUGUST 9, 1927. Class 22.
- 234,203. PUBLICATION ISSUED MONTHLY. SHOE & LEATHER REPORTER, Boston, Mass. Filed June 23, 1927. Serial No. 251,017. PUBLISHED AUGUST 2, 1927. Class 38.
- 234,204. PEARLS, NECKLACES, BRACELETS, EARRINGS, FINGER RINGS, BROOCHES, BAR PINS, AND ORNAMENTAL HATPINS, AND PINS FOR DRESS ORNAMENTS; ORNAMENTAL PINS AND BUCKLES FOR DECORATING HATS, ORNAMENTAL SHOE BUCKLES, AND HAIR ORNAMENTS MADE WHOLLY OR IN PART OF OR PLATED WITH PRECIOUS METAL. COHN & ROSENBERGER, INC., New York, N. Y. Filed June 24, 1927. Serial No. 251,028. PUBLISHED AUGUST 9, 1927. Class 28.
- 234,205. WORCESTERSHIRE SAUCE. GIROUX COMPANY, INC., doing business as Federal Food Products Corp., New York, N. Y. Filed June 24, 1927. Serial No. 251,033. PUBLISHED AUGUST 2, 1927. Class 46.
- 234,206. CHECK STRAPS FOR TEXTILE LOOMS. E. F. HOUGHTON & Co., Philadelphia, Pa. Filed June 24, 1927. Serial No. 251,039. PUBLISHED AUGUST 9, 1927. Class 23.
- 234,207. ORTHODICHLOROBENZENE AND SOLVENTS FOR LEATHER DYES. MONSANTO CHEMICAL WORKS, St. Louis, Mo. Filed June 24, 1927. Serial No. 251,065. PUBLISHED AUGUST 9, 1927. Class 6.
- 234,208. CANNED FRUITS AND CANNED VEGETABLES. NEW YORK CANNERS, INC., Rochester, N. Y. Filed June 24, 1927. Serial No. 251,075. PUBLISHED AUGUST 9, 1927. Class 46.
- 234,209. PERFUME. EVERETT F. TAWNEY, Winona, Minn. Filed June 25, 1927. Serial No. 251,155. PUBLISHED AUGUST 9, 1927. Class 6.
- 234,210. WATCHES AND PARTS THEREOF. DIEL WATCH CASE Co., INC., New York, N. Y. Filed June 27, 1927. Serial No. 251,177. PUBLISHED AUGUST 9, 1927. Class 27.
- 234,211. ANTISEPTIC MOUTH WASH AND GARGLE. RENWARE PHARMACAL Co., Manchester, N. H. Filed June 28, 1927. Serial No. 251,244. PUBLISHED AUGUST 9, 1927. Class 6.
- 234,212. ANTISEPTIC MOUTH AND THROAT TABLETS. RICHARD ANGLIN, Hempstead, N. Y. Filed June 30, 1927. Serial No. 251,313. PUBLISHED AUGUST 9, 1927. Class 6.
- 234,213. CANDY, PARTICULARLY MARSHMALLOWS. ELINE'S INCORPORATED, Milwaukee, Wis. Filed June 30, 1927. Serial No. 251,326. PUBLISHED AUGUST 9, 1927. Class 46.
- 234,214. SCRATCH FEED AND EGG MASH FOR POULTRY. UNIVERSAL MILLS, Fort Worth, Tex. Filed June 30, 1927. Serial No. 251,367. PUBLISHED AUGUST 9, 1927. Class 46.
- 234,215. ELECTRIC FANS. SAVORY, INC., Buffalo, N. Y. Filed February 26, 1927. Serial No. 244,960. PUBLISHED AUGUST 9, 1927. Class 21.

- 234,216. LOUD SPEAKERS FOR WIRELESS TELEPHONY. ELECTRICAL MANUFACTURING & PLATING COMPANY, Hampton Wick, Kingston-on-Thames, England. Filed February 26, 1927. Serial No. 244,923. PUBLISHED AUGUST 2, 1927. Class 21.
- 234,217. SMOKING AND CHEWING TOBACCO. LIGGETT & MYERS TOBACCO COMPANY, New York, N. Y. Filed February 19, 1927. Serial No. 244,617. PUBLISHED AUGUST 9, 1927. Class 17.
- 234,218. GREETING CARDS, WALL CALENDARS, BOOKLETS, AND POSTERS. LOUIS F. DOW CO., St. Paul, Minn. Filed February 17, 1927. Serial No. 244,494. PUBLISHED AUGUST 9, 1927. Class 38.
- 234,219. LEATHER SADDLES. MARTIN & MARTIN INC., New York, N. Y. Filed February 16, 1927. Serial No. 244,457. PUBLISHED AUGUST 2, 1927. Class 3.
- 234,220. MEN'S CLOTHING—NAMELY, SUITS AND SACK COATS. SOL ZION & Co., Philadelphia, Pa. Filed February 15, 1927. Serial No. 244,417. PUBLISHED JULY 12, 1927. Class 39.
- 234,221. COFFEE, TEAS, RICE, AND FOOD-FLAVORING EXTRACTS. EDWARD J. O'CONNOR, doing business as Larada Coffee House, Youngstown, Ohio. Filed February 14, 1927. Serial No. 244,364. PUBLISHED AUGUST 2, 1927. Class 46.
- 234,222. WASHING POWDER. THE PROCTER & GAMBLE COMPANY, Cincinnati, Ohio. Filed May 10, 1927. Serial No. 248,792. PUBLISHED JULY 19, 1927. Class 4.
- 234,223. BRIDGE-OUTFIT CONTAINER. M. H. FRANK & Co., New York, N. Y. Filed May 10, 1927. Serial No. 248,766. PUBLISHED AUGUST 9, 1927. Class 22.
- 234,224. DANISH PASTRY. ABE SIEGEL, New York, N. Y. Filed May 9, 1927. Serial No. 248,732. PUBLISHED JULY 26, 1927. Class 46.
- 234,225. MALT SIRUP. ALBERT J. MOONEY, doing business as Wheeling Malt Co., Wheeling, W. Va. Filed May 9, 1927. Serial No. 248,708. PUBLISHED JUNE 14, 1927. Class 46.
- 234,226. LADIES', MISSES', AND CHILDREN'S SHOES CONSTRUCTED OF LEATHER, FABRIC, AND COMBINATIONS THEREOF. THE S. KANN SONS COMPANY, Washington, D. C. Filed April 19, 1927. Serial No. 247,694. PUBLISHED JUNE 28, 1927. Class 39.
- 234,227. TOILET PAPER. HOBBERG PAPER & FIBRE COMPANY, Green Bay, Wis. Filed May 9, 1927. Serial No. 248,691. PUBLISHED JULY 19, 1927. Class 37.
- 234,228. TOILET PAPER. HOBBERG PAPER & FIBRE COMPANY, Green Bay, Wis. Filed May 9, 1927. Serial No. 248,690. PUBLISHED JULY 19, 1927. Class 37.
- 234,229. TOILET PAPER. HOBBERG PAPER & FIBRE COMPANY, Green Bay, Wis. Filed May 9, 1927. Serial No. 248,689. PUBLISHED JULY 19, 1927. Class 37.
- 234,230. AUTOMOBILES. VILLOR P. WILLIAMS, Baltimore, Md., assignor to Miriam S. F. Williams, Baltimore, Md. Filed May 10, 1927. Serial No. 248,803. PUBLISHED AUGUST 2, 1927. Class 19.
- 234,231. RADIO RECEIVING AND DETECTING SETS AND PARTS THEREOF, RADIO AND AUDIO FREQUENCY TRANSFORMERS, POWER TRANSFORMERS FOR RADIO BATTERY ELIMINATORS, COUPLING COILS, FIXED AND VARIABLE CONDENSERS, ANTENNAE, LOOP ANTENNAE, AND ANTENNAE EQUIPMENT. THE LINCOLN QUALITY PRODUCTS COMPANY, Cleveland, Ohio. Filed May 12, 1927. Serial No. 248,915. PUBLISHED AUGUST 2, 1927. Class 21.

- 234,232. DRESS, NEGLIGEE, AND WORK SHIRTS. DAVID H. POSNER INC., Boston, Mass. Filed May 12, 1927. Serial No. 248,924. PUBLISHED JUNE 28, 1927. Class 39.
- 234,233. LIVESTOCK REMEDIES—NAMELY, POULTRY TONIC, WORM OIL FOR HOGS, DRY INSECTICIDE, POULTRY WORM MEDICINE, SHEEP TONIC, STEER TONIC, HOG TONIC, DIPS, AND DISINFECTANTS, AND INSECTICIDES. THE KALO COMPANY, Quincy, Ill. Filed May 11, 1927. Serial No. 248,842. PUBLISHED AUGUST 9, 1927. Class 6.
- 234,234. CHEMICAL CLEANSING AND BURNISHING COMPOUND FOR USE ON METALLIC SURFACES BEFORE PLATING. RUMFORD CHEMICAL WORKS, Providence, R. I. Filed May 12, 1927. Serial No. 248,930. PUBLISHED AUGUST 9, 1927. Class 6.
- 234,235. LIMESTONE. THE WEEPING WATER STONE Co., Weeping Water, Nebr. Filed May 12, 1927. Serial No. 248,945. PUBLISHED JULY 19, 1927. Class 1.
- 234,236. ASPHALT, ASPHALTIC BINDER, ASPHALT CEMENT, ROOFING ASPHALT, BITUMEN. GILMORE OIL COMPANY, Los Angeles, Calif. Filed May 16, 1927. Serial No. 249,062. PUBLISHED AUGUST 2, 1927. Class 12.
- 234,237. GASOLINE PURIFIERS FOR USE WITH INTERNAL-COMBUSTION ENGINES. MOTOR REQUIREMENTS CORPORATION, Camden, N. J. Filed May 16, 1927. Serial No. 249,087. PUBLISHED AUGUST 9, 1927. Class 23.
- 234,238. SOAP PASTES FOR CLEANING WALLS, WOODWORK, FLOORS, TABLEWARE, AND UTENSILS. RICO LABORATORIES, Denver, Colo. Filed May 16, 1927. Serial No. 249,096. PUBLISHED JULY 19, 1927. Class 4.
- 234,239. WATCHES, WATCHCASES, WATCH MOVEMENTS, AND PARTS THEREOF. SAVOY WATCH Co., INC., New York, N. Y. Filed May 16, 1927. Serial No. 249,100. PUBLISHED AUGUST 9, 1927. Class 27.
- 234,240. MALT SIRUP. TROPICAL FOOD PRODUCTS COMPANY, Jacksonville, Fla. Filed May 16, 1927. Serial No. 249,106. PUBLISHED JULY 12, 1927. Class 46.
- 234,241. LADIES' AND MISSES' HATS. CONSOLIDATED MILLINERY COMPANY, Chicago, Ill. Filed May 21, 1927. Serial No. 249,327. PUBLISHED JULY 12, 1927. Class 39.
- 234,242. SKIN CREAM USED FOR THE PREVENTION OF MOSQUITO BITES. MERRILL AIKIN, St. Petersburg, Fla. Filed May 23, 1927. Serial No. 249,399. PUBLISHED AUGUST 9, 1927. Class 6.
- 234,243. MUSICAL INSTRUMENT ACCESSORIES—NAMELY, STEEL GUT, AND SILK STRINGS FOR FRETTED AND BOWED INSTRUMENTS, PICKS, ROSIN FOR BOWED INSTRUMENTS, SAXOPHONE STRAPS, CLARINET AND SAXOPHONE PADS, AND CLARINET AND SAXOPHONE MOUTHPIECES. J. SCHWARTZ MUSIC Co. INC., New York, N. Y. Filed May 21, 1927. Serial No. 249,379. PUBLISHED AUGUST 2, 1927. Class 36.
- 234,244. BOOKLETS, CIRCULARS, PAMPHLETS, AND CALENDARS. THE BALTIMORE AND OHIO RAILROAD COMPANY, Baltimore, Md. Filed May 23, 1927. Serial No. 249,403. PUBLISHED JULY 19, 1927. Class 38.
- 234,245. CORSETS AND HIP CONFINERS. INTERNATIONAL CORSET COMPANY, Aurora, Ill. Filed May 23, 1927. Serial No. 249,424. PUBLISHED JULY 12, 1927. Class 39.
- 234,246. MEN'S TEXTILE-FABRIC UNION-SUIT UNDERWEAR. NUBACK UNDERWEAR COMPANY, Kansas City, Mo. Filed May 23, 1927. Serial No. 249,430. PUBLISHED JULY 12, 1927. Class 39.
- 234,247. NONALCOHOLIC, MALTLESS BEVERAGE SOLD AS A SOFT DRINK. STERILIZED BEVERAGE MANUFACTURING Co., INC., Philadelphia, Pa. Filed May 23, 1927. Serial No. 249,446. PUBLISHED AUGUST 9, 1927. Class 45.
- 234,248. BREAD. GEORGE J. YENTZEN, doing business as Nederland Bakery, Nederland, Tex. Filed May 23, 1927. Serial No. 249,456. PUBLISHED AUGUST 9, 1927. Class 46.
- 234,249. MISSES' AND WOMEN'S BLOUSES, DRESSES, SWEATERS, SUITS, ENSEMBLE SUITS, AND HATS. EMILY SHOPS, INC., New York, N. Y. Filed May 24, 1927. Serial No. 249,467. PUBLISHED JULY 12, 1927. Class 39.
- 234,250. STOCKINGS. PARKER HOSIERY MILL & DYE WORKS, INC., Portsmouth, Va. Filed May 25, 1927. Serial No. 249,536. PUBLISHED JULY 12, 1927. Class 39.
- 234,251. SOAP. BENARD, INC., Kalamazoo, Mich. Filed May 25, 1927. Serial No. 249,541. PUBLISHED JULY 19, 1927. Class 4.
- 234,252. BREAD. WILLIAM H. ESTES, doing business as Estes Bakery, Ardmore, Okla. Filed May 26, 1927. Serial No. 249,579. PUBLISHED AUGUST 2, 1927. Class 46.
- 234,253. LUGGAGE CARRIERS. THE LIER MANUFACTURING Co., Sioux City, Iowa. Filed May 26, 1927. Serial No. 249,595. PUBLISHED AUGUST 2, 1927. Class 3.
- 234,254. COMBINATION ORDER SLIP AND BOTTLE CLOSURE. ALMON E. RICHARDSON, Melrose Highlands, Mass. Filed May 26, 1927. Serial No. 249,601. PUBLISHED JULY 19, 1927. Class 37.
- 234,255. LIQUID CLEANSER FOR SCRUBBING AND GENERAL CLEANSING. PURITAN CHEMICAL COMPANY, Atlanta, Ga. Filed May 26, 1927. Serial No. 249,602. PUBLISHED JULY 19, 1927. Class 4.
- 234,256. BOOTS AND SHOES OF LEATHER, FABRICS, OR COMBINATIONS THEREOF. SAMUEL COHEN SHOE Co., Boston, Mass. Filed May 26, 1927. Serial No. 249,607. PUBLISHED JULY 12, 1927. Class 39.
- 234,257. CHEMICALLY-TREATED CLOTHS FOR CLEANING LACQUERED AND ENAMELED FINISHES. EDWARD C. WALKER, doing business as Kozak, Batavia, N. Y. Filed May 26, 1927. Serial No. 249,623. PUBLISHED JULY 19, 1927. Class 4.
- 234,258. WATCHES. EYKOB WATCH Co., New York, N. Y. Filed May 27, 1927. Serial No. 249,652. PUBLISHED AUGUST 2, 1927. Class 27.
- 234,259. BRACELETS, BEAD NECKLACES, METAL NECKLACES, BROOCHES, BAR PINS, EARRINGS, CUFF PINS, AND FINGER RINGS, ALSO MESH BAGS, VANITY CASES, HAIR BANDEAUX, AND HAT ORNAMENTS MADE OF OR PLATED WITH PRECIOUS METAL. LIPPMANN, SPIER & HAHN, New York, N. Y. Filed May 27, 1927. Serial No. 249,666. PUBLISHED AUGUST 2, 1927. Class 28.
- 234,260. BOOTS AND SHOES MADE OF LEATHER. W. H. MILES SHOE Co., INC., Richmond, Va. Filed May 27, 1927. Serial No. 249,668. PUBLISHED JULY 12, 1927. Class 39.
- 234,261. MALTLESS, NONCEREAL SOFT DRINKS. ROBERT H. PATTERSON, Atlanta, Ga. Filed June 22, 1927. Serial No. 250,936. PUBLISHED AUGUST 9, 1927. Class 45.

- 234,262. MONTHLY MAGAZINE. BARRIST & GOODWIN, Philadelphia, Pa.
Filed June 22, 1927. Serial No. 250,895. PUBLISHED AUGUST 2, 1927. Class 38.
- 234,263. CANNED FRUITS AND VEGETABLES, DRIED OR DEHYDRATED FRUITS AND VEGETABLES; FRESH VEGETABLES—NAMES, TOMATOES; FRESH CITRUS FRUITS—NAMES, ORANGES, LEMONS, AND GRAPEFRUIT; PRESERVES—NAMES, APRICOT BUTTER. YUCAIPA VALLEY FRUIT CO., YUCAIPA, CALIF.
Filed June 21, 1927. Serial No. 250,882. PUBLISHED AUGUST 9, 1927. Class 46.
- 234,264. EDIBLE STARCH. CORN PRODUCTS REFINING COMPANY, New York, N. Y.
Filed June 21, 1927. Serial No. 250,837. PUBLISHED AUGUST 2, 1927. Class 46.
- 234,265. DAILY MORNING NEWSPAPER. UTICA DAILY PRESS COMPANY, Utica, N. Y.
Filed June 20, 1927. Serial No. 250,828. PUBLISHED AUGUST 2, 1927. Class 38.
- 234,266. LIVE CATTLE AND HOGS. FRANK S. HARMON, doing business as Tom-A-Hawk Farms, Burton, Ohio.
Filed June 20, 1927. Serial No. 250,797. PUBLISHED AUGUST 9, 1927. Class 46.
- 234,267. STOMACHIC. HUBERT UNDERBERG, doing business as H. Underberg-Albrecht, Rheinberg, Germany.
Filed June 18, 1927. Serial No. 250,769. PUBLISHED AUGUST 2, 1927. Class 6.
- 234,268. HAND BAGS AND HAT BAGS. THE DAISY PRODUCTS, INC., New York, N. Y.
Filed June 18, 1927. Serial No. 250,737. PUBLISHED AUGUST 2, 1927. Class 3.
- 234,269. TABLE SIRUP. TUSCALOOSA SYRUP CO., INC., Tuscaloosa, Ala.
Filed June 16, 1927. Serial No. 250,653. PUBLISHED AUGUST 2, 1927. Class 46.
- 234,270. RADIO FREQUENCY TRANSFORMERS. RADIANT LABORATORIES, INC., Cleveland, Ohio.
Filed June 16, 1927. Serial No. 250,638. PUBLISHED AUGUST 2, 1927. Class 21.
- 234,271. WINDOW-CLEANING PREPARATION. PEERLESS CHEMICAL CO. INC., New York, N. Y.
Filed June 16, 1927. Serial No. 250,633. PUBLISHED AUGUST 2, 1927. Class 4.
- 234,272. DAILY NEWSPAPER. MONROE EVENING NEWS CO., Monroe, Mich.
Filed June 16, 1927. Serial No. 250,629. PUBLISHED AUGUST 2, 1927. Class 38.
- 234,273. CANDY SUCKERS. THE MILLARD CANDY COMPANY, Baltimore, Md.
Filed June 16, 1927. Serial No. 250,628. PUBLISHED AUGUST 9, 1927. Class 46.
- 234,274. MONTHLY MAGAZINE. HAIRE PUBLISHING COMPANY, INC., New York, N. Y.
Filed June 16, 1927. Serial No. 250,616. PUBLISHED AUGUST 2, 1927. Class 38.
- 234,275. MAGAZINE PUBLISHED MONTHLY. A. W. SHAW COMPANY, Chicago, Ill.
Filed June 15, 1927. Serial No. 250,572. PUBLISHED JULY 19, 1927. Class 38.
- 234,276. PICKLED HERRING. N. DAVIS & COMPANY, INC., Baltimore, Md.
Filed June 15, 1927. Serial No. 250,529. PUBLISHED AUGUST 9, 1927. Class 46.
- 234,277. ELECTRIC-LIGHTING FIXTURES. OCHILTREE ELECTRIC COMPANY, Pittsburgh, Pa.
Filed June 14, 1927. Serial No. 250,518. PUBLISHED AUGUST 2, 1927. Class 21.
- 234,278. SOAP AND GEMICIDAL SOAP. PARKE, DAVIS & COMPANY, Detroit, Mich.
Filed June 13, 1927. Serial No. 250,473. PUBLISHED JULY 26, 1927. Class 4.
- 234,279. ANTISEPTIC, DEODORIZING, CLEANSING, AND SCOURING COMPOUNDS. FRANK A. MCGOWAN, Canton, Ohio.
Filed June 13, 1927. Serial No. 250,467. PUBLISHED JULY 19, 1927. Class 4.
- 234,280. EGGS. DILBERT BROS., INC., New York and Brooklyn, N. Y.
Filed June 13, 1927. Serial No. 250,445. PUBLISHED AUGUST 2, 1927. Class 46.
- 234,281. MAYONNAISE. MRS. ELIZABETH BARLOW, doing business as Non-Fattening Products Co., Rochester, N. Y.
Filed June 11, 1927. Serial No. 250,415. PUBLISHED AUGUST 2, 1927. Class 46.
- 234,282. PORTLAND CEMENT. THE ASSOCIATED PORTLAND CEMENT MANUFACTURERS, LIMITED, London, England.
Filed June 11, 1927. Serial No. 250,350. PUBLISHED AUGUST 2, 1927. Class 12.
- 234,283. FINGER RINGS. J. R. WOOD & SONS, New York, N. Y.
Filed June 10, 1927. Serial No. 250,336. PUBLISHED AUGUST 9, 1927. Class 28.
- 234,284. STORAGE BATTERIES. CHARLES STAUDT, doing business as New Jersey Storage Battery Company, Union City, N. J.
Filed June 10, 1927. Serial No. 250,331. PUBLISHED AUGUST 9, 1927. Class 21.
- 234,285. REVERSIBLE HAME TUG. THOMAS W. OWENS, Wesleyville, Pa.
Filed June 10, 1927. Serial No. 250,321. PUBLISHED JULY 26, 1927. Class 3.
- 234,286. FRAMES, RIMS, AND NOSE PIECES FOR EYEGLASSES. OPTICAL PRODUCTS CORPORATION, New York, N. Y.
Filed June 10, 1927. Serial No. 250,319. PUBLISHED AUGUST 9, 1927. Class 26.
- 234,287. MONTHLY PUBLICATION. EMBROIDERY MANUFACTURERS ASSOCIATION, INC., Union City, N. J.
Filed June 10, 1927. Serial No. 250,302. PUBLISHED JULY 19, 1927. Class 38.
- 234,288. STORAGE BATTERIES. ARCO BATTERY & PLATE CO., doing business as Minnet Electric Co., Fort Wayne, Ind.
Filed June 10, 1927. Serial No. 250,289. PUBLISHED AUGUST 2, 1927. Class 21.
- 234,289. PURSES, WALLETS, POCKETBOOKS, AND HAND BAGS. MORRIS WHITE INC., New York, N. Y.
Filed June 9, 1927. Serial No. 250,281. PUBLISHED AUGUST 9, 1927. Class 3.
- 234,290. PUBLICATION PUBLISHED FROM TIME TO TIME. GROSS-BRENNAN, INC., New York, N. Y.
Filed June 9, 1927. Serial No. 250,238. PUBLISHED JULY 19, 1927. Class 38.
- 234,291. METAL POLISH. J. S. DERNOGA, doing business as Drum Polish Co., Baltimore, Md.
Filed June 9, 1927. Serial No. 250,232. PUBLISHED AUGUST 2, 1927. Class 4.
- 234,292. NEWSPAPERS. DAILY REVIEW CORPORATION, Rockville Center, N. Y.
Filed June 9, 1927. Serial No. 250,231. PUBLISHED JULY 19, 1927. Class 38.

- 234,293. CANNED VEGETABLES. BROWNSVILLE CANNING COMPANY, Brownsville, Wis.
Filed June 9, 1927. Serial No. 250,223. PUBLISHED AUGUST 9, 1927. Class 46.
- 234,294. COAL. SANGAMON COAL COMPANY, Chicago, Ill.
Filed June 8, 1927. Serial No. 250,191. PUBLISHED AUGUST 2, 1927. Class 1.
- 234,295. NONALCOHOLIC, NONCEREAL, MALTLESS BEVERAGES SOLD AS SOFT DRINKS AND SIRUPS FOR MAKING SAME. L. HOUSE & SONS CO., INC., Syracuse, N. Y.
Filed June 8, 1927. Serial No. 250,175. PUBLISHED AUGUST 9, 1927. Class 45.
- 234,296. CLOCKS AND PARTS THEREOF. GEO. BORG-FELDT & CO., New York, N. Y.
Filed June 8, 1927. Serial No. 250,157. PUBLISHED AUGUST 2, 1927. Class 27.
- 234,297. NONALCOHOLIC, MALTLESS BEVERAGE SOLD AS A SOFT DRINK. CALLAGHAN J. MCCARTHY, doing business as Calro Products Co., New York, N. Y.
Filed June 7, 1927. Serial No. 250,129. PUBLISHED AUGUST 9, 1927. Class 45.
- 234,298. CARTOON STRIP. SARAH JANE HERSHFIELD, New York, N. Y.
Filed June 7, 1927. Serial No. 250,126. PUBLISHED JULY 26, 1927. Class 38.
- 234,299. CARTOON STRIP. SARAH JANE HERSHFIELD, New York, N. Y.
Filed June 7, 1927. Serial No. 250,125. PUBLISHED JULY 26, 1927. Class 38.
- 234,300. CARTOON STRIP. SARAH JANE HERSHFIELD, New York, N. Y.
Filed June 7, 1927. Serial No. 250,124. PUBLISHED JULY 26, 1927. Class 38.

[ACT OF MARCH 19, 1920, SEC. 1 (b)].

THESE REGISTRATIONS ARE NOT SUBJECT TO OPPOSITION.

- 234,301. (CLASS 37. PAPER AND STATIONERY.) BIRMINGHAM & PROSSER COMPANY, Kalamazoo, Mich.
Filed Sept. 2, 1927. Serial No. 254,264.

ESSEX

Particular description of goods.—Book Paper.
Claims use since Feb. 1, 1925.

- 234,302. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) VINCENT N. NICOSIA, Houston, Tex. Filed Aug. 22, 1927. Serial No. 253,815.

NICOSIA'S 100% STEAM WAVE

Particular description of goods.—Hair-Waving Fluid.
Claims use since May 1, 1926.

- 234,303. (CLASS 32. FURNITURE AND UPHOLSTERY.) ENGLANDER SPRING BED CO., Brooklyn, N. Y.
Filed June 17, 1927. Serial No. 250,686.

TWIN-DA-BED

Particular description of goods.—Beds, Such as Day Beds, Double Day Beds, Couch Beds, Double Couch Beds, Upholstered Day Beds, Upholstered Double Day Beds, Box Couch Beds, and Upholstered Couch Beds.
Claims use since July 25, 1926.

- 234,304. (CLASS 38. PRINTS AND PUBLICATIONS.) WALTER P. PHILLIPS, Boston, Mass. Filed May 17, 1927. Serial No. 249,144.

Betty Phillips

Particular description of goods.—Greeting Cards.
Claims use since Sept. 27, 1921.

- 234,305. (CLASS 2. RECEPTACLES.) NATIONAL PAPER PRODUCTS COMPANY, San Francisco, Calif. Filed Apr. 27, 1927. Serial No. 248,049.

Twinpax

Particular description of goods.—Toilet-Tissue Cabinets.
Claims use since Nov. 7, 1925.

- 234,306. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) KEYSTONE MUSHROOM COMPANY, Pomeroy and Coatesville, Pa. Filed Feb. 19, 1927. Serial No. 244,614.

Gold Medal

Particular description of goods.—Canned Mushrooms.
Claims use since Sept. 1, 1926.

- 234,307. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) HAGEN-BECKER COMPANY, St. Paul, Minn. Filed Jan. 31, 1927. Serial No. 243,604.

Navarian Style Spezial

Particular description of goods.—Malt Extract.
Claims use since June 1, 1926.

- 234,308. (CLASS 37. PAPER AND STATIONERY.) MILLERS FALLS PAPER COMPANY, Millers Falls, Mass. Filed Dec. 29, 1926. Serial No. 242,137.

MILFORD

Particular description of goods.—Bond Paper.
Claims use since August, 1926.

- 234,309. (CLASS 37. PAPER AND STATIONERY.) MILLERS FALLS PAPER COMPANY, Millers Falls, Mass. Filed Dec. 29, 1926. Serial No. 242,136.

JOURNAL

Particular description of goods.—Ledger Paper.
Claims use since August, 1926.

- 234,310. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE FUT RUB Co., Chicago, Ill. Filed Dec. 9, 1926. Serial No. 241,223.

Fut Rub

Particular description of goods.—A Liquid Preparation to Relieve Ailing Feet.
Claims use since Sept. 2, 1926.

- 234,311. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) MARC DELAGE, Paris, France. Filed Nov. 30, 1926. Serial No. 240,769.

Poudre Dentifrice

AU QUINQUINA

Particular description of goods.—Dentifrices.
Claims use since Sept. 3, 1926.

- 234,312. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) WOLVERINE RUBBER Co., Detroit, Mich. Filed Nov. 13, 1926. Serial No. 240,045.

MICHIGAN

Particular description of goods.—Automobile Tires and Tubes.
Claims use since Sept. 9, 1926.

- 234,313. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) JOHN R. FLORITA COMPANY, St. Louis, Mo. Filed Oct. 29, 1926. Serial No. 239,400.

see what you buy

Particular description of goods.—Fresh, Stuffed, and Candied Dates.

Claims use since Aug. 27, 1926.

- 234,314. (CLASS 25. LOCKS AND SAFES.) SEAGAL LOCK & HARDWARE Co., Inc., New York, N. Y. Filed Oct. 26, 1926. Serial No. 239,272.

CORNELL

Particular description of goods.—Keys, Locks, Padlocks, and Door Bolts.

Claims use since Sept. 1, 1926.

- 234,315. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) EMIL SCHEITLIN, Basel, Switzerland. Filed Sept. 23, 1926. Serial No. 237,633.

TASCH

Particular description of goods.—Preparations for the Prevention and Treatment of Tuberculosis.
Claims use since July 25, 1922.

- 234,316. (CLASS 25. LOCKS AND SAFES.) ABRAHAM ROSENBERG, doing business as Harvard Lock Mfg. Co. and Harvard Lock & Hdwe. Co., New York, N. Y. Filed Sept. 7, 1926. Serial No. 236,962.

HARVARD

Particular description of goods.—Cylinder-Rim Night Latches.

Claims use since May 10, 1926.

- 234,317. (CLASS 14. METALS AND METAL CASTINGS AND FORGINGS.) THE AMERICAN STEEL AND WIRE COMPANY OF NEW JERSEY, Cleveland, Ohio, Chicago, Ill., Pittsburgh, Pa., New York, N. Y., and Worcester, Mass. Filed Aug. 21, 1926. Serial No. 236,246.

MIRROR FINISH

Particular description of goods.—Cold-Rolled-Metal Strips.
Claims use since Aug. 7, 1926.

- 234,318. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ANGIO-AMERICAN PHARMACEUTICAL CORP., New York, N. Y. Filed July 17, 1926. Serial No. 234,656.

DR. HUXLEY

Particular description of goods.—Glycerophosphate Sirups, Protoid Products for the Treatment of Anaphylaxis and Digestive Disorders, Greaseless Ointments for the Lubrication of Hands and Instruments, Analgesic Creams, Hypophosphite Sirups, Endocrine Tablets, Antiluetic Preparations, Talcum Powders, Face Creams, Tooth Pastes, Antiseptic Salts, Disinfectants, Liquor Calcium, Skin-Healing Powders, Skin-Healing Dressings, Intestinal Antiseptics, Antisyphilitic Tablets, Hemorrhoidal Medicinal Ointments, and Ampuls Containing Medicinal Products and Compounds.

Claims use since July 14, 1926.

- 234,319. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) THEODORE P. GRANT, doing business as T. P. Grant Co., Somerville, Mass. Filed Apr. 23, 1926. Serial No. 230,625.

HATHAM

Particular description of goods.—Cheese and Particularly Cream Cheese.
Claims use since Feb. 28, 1926.

- 234,320. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) EXCELSIOR BAKING Co., Inc., Minneapolis, Minn. Filed Apr. 10, 1926. Serial No. 229,952.

Cin-a-mon-Krust

Particular description of goods.—Toast.
Claims use since Mar. 12, 1926.

- 234,321. (CLASS 3. BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKETBOOKS.) GENERAL DISTRIBUTING COMPANY, Detroit, Mich. Filed June 20, 1925. Serial No. 216,095.

DUS-PRUF

Particular description of goods.—Trunks.
Claims use since Mar. 1, 1924.

LABELS

REGISTERED OCTOBER 18, 1927.

- 32,856.—*Title:* HOPSON'S MEXICAN STYLE PECAN CANDY. For Pecan Candy. THE A. B. C. CANDY Co., Sherman, Tex. Published November 1, 1926.
- 32,857.—*Title:* SUN COFFEE. For Coffee. ADAMS-HENRY COMPANY, San Diego, Calif. Published June 1, 1927.
- 32,858.—*Title:* ANGEL Dainty DRY CLEANER. For Dry Cleaner. ANGEL Dainty Dry Co., Chicago, Ill. Published August 4, 1927.
- 32,859.—*Title:* AUGUST HEALTH BREAD. For Bread. JOSEPH AUGUST, doing business as August Baking Co., Central Falls, R. I. Published July 23, 1927.
- 32,860.—*Title:* READI-SET WINDOW CHAIN. For Window Chains. THE BRIDGEPORT CHAIN COMPANY, Bridgeport, Conn. Published July 1, 1927.
- 32,861.—*Title:* ADD-A-TINT. For Paint. CALIFORNIA PAINT COMPANY, Oakland, Calif. Published July 25, 1927.
- 32,862.—*Title:* ART CORNERS. For Gummed Mounting Corners for Mounting Photographs, Prints, Clippings, and the Like. ENGEL ART CORNERS MANUFACTURING CO., Chicago, Ill. Published March 15, 1927.
- 32,863.—*Title:* EQUITY GREEN BAG EGG MASH. For Poultry Feed. FEEDERS' SUPPLY COMPANY, Kansas City, Mo. Published August 11, 1927.
- 32,864.—*Title:* EQUITY GREEN BAG STARTER & GROWER. For Chick Feed. FEEDERS' SUPPLY COMPANY, Kansas City, Mo. Published August 11, 1927.
- 32,865.—*Title:* GROWOLA. For Growing-Mash Poultry Feed for Growing Chickens. THE FEEDOLA MILLING CO., McPherson, Kans. Published February 18, 1927.
- 32,866.—*Title:* STARTOLA. For Starting-Mash Poultry Feed for Baby Chicks. THE FEEDOLA MILLING CO., McPherson, Kans. Published February 18, 1927.
- 32,867.—*Title:* EGGOLA. For Egg-Mash Feed for Hens. THE FEEDOLA MILLING CO., McPherson, Kans. Published February 18, 1927.
- 32,868.—*Title:* MOLE INSTANT WINDOW CLEANER. For Window Cleaner. GOLD DUST CORPORATION, Jersey City, N. J. Published July 30, 1927.
- 32,869.—*Title:* CELERY SALT FLAVORED POTATO CHIPS. For Celery-Salt-Flavored Potato Chips. PAUL F. HANSEL, Los Angeles, Calif. Published June 1, 1927.
- 32,870.—*Title:* IDEAL NEW YORK—PARIS MONOPLANE. For Material for Construction of a Scale Model Aeroplane. IDEAL AEROPLANE & SUPPLY CO., New York, N. Y. Published July 1, 1927.
- 32,871.—*Title:* GRANDMA'S CAKES. For Cakes. LANTZ BROS. BAKING CO., St. Louis, Mo. Published August 15, 1927.
- 32,872.—*Title:* FROST-KISSED ICE CREAM. For Ice-Cream Food Units Called Polar Eggs. THOMAS J. LYNCH, doing business as Polar Egg Corporation, Los Angeles, Calif. Published August 8, 1927.
- 32,873.—*Title:* JERSEY. For Butter. MENASHA PRINTING AND CARTON COMPANY, Menasha, Wis., assignor to Peerless Butter Company, Memphis, Tenn. Published August 1, 1927.
- 32,874.—*Title:* J. H. MOONEY SEE-TOUCH PLAYING CARDS BLIND AND SEEING. For Playing Cards. JOHN H. MOONEY, doing business as J. H. Mooney Co., Kansas City, Mo. Published March 15, 1927.
- 32,875.—*Title:* NE-HI. For Cigars. C. D. MYERS & Co., Red Lion, Pa. Published August 4, 1927.
- 32,876.—*Title:* KOMPLEX. For Facial Creams or Cosmetics. PARISTYLE NOVELTY CO. INC., doing business as Paristyle, New York, N. Y. Published January 2, 1924.
- 32,877.—*Title:* VALLEY CLUB. For a Nonalcoholic, Maltless Beverage Sold as a Soft Drink and Sirups for Making Same. GEO. W. PEVERLEY, doing business as Geo. W. Peverley Co., Pacoima, Calif. Published June 10, 1927.
- 32,878.—*Title:* ROTARY. For Oranges. W. P. PEYTON FRUIT CO., Los Angeles, Calif. Published July 1, 1927.
- 32,879.—*Title:* MERDER. For Insecticide. MORRIS REGELSON, doing business as Bug Annihilator Co., New York, N. Y. Published May 25, 1926.
- 32,880.—*Title:* B WELL HERBS. For Herbs. J. O. SANDERS, San Francisco, Calif. Published June 4, 1927.
- 32,881.—*Title:* B WELL OIL. For Oil. J. O. SANDERS, San Francisco, Calif. Published June 4, 1927.
- 32,882.—*Title:* S & F. For Canned Peaches. SMART & FINAL CO., Wilmington, Calif. Published March 26, 1927.
- 32,883.—*Title:* HYDRASTONE. For a Medicinal Preparation. THE VALLEY DRUG COMPANY, INC., Johnstown, Pa. Published May 26, 1927.
- 32,884.—*Title:* UNGT. CADINOL COMP. For a Medicinal Preparation. THE VALLEY DRUG COMPANY, INC., Johnstown, Pa. Published May 26, 1927.
- 32,885.—*Title:* AD-VAN-TAGE. For Toilet Paper. VAN PAPER SUPPLY CO., St. Paul, Minn. Published March 1, 1926.
- 32,886.—*Title:* VAN-QUISH. For Toilet Paper. VAN PAPER SUPPLY CO., St. Paul, Minn. Published March 1, 1926.
- 32,887.—*Title:* WESTERN EXPERT TRAP LOAD. For Shotgun Shells. WESTERN CARTRIDGE COMPANY, East Alton, Ill. Published July 29, 1927.
- 32,888.—*Title:* WESTERN XPERT SHOTGUN SHELLS. For Shotgun Shells. WESTERN CARTRIDGE COMPANY, East Alton, Ill. Published July 29, 1927.
- 32,889.—*Title:* WESTERN FIELD TRAP LOAD. For Shotgun Shells. WESTERN CARTRIDGE COMPANY, East Alton, Ill. Published August 12, 1927.
- 32,890.—*Title:* BEST FAT. For Vegetable Fat. M. D. ZIMMER & Co., New York, N. Y. Published April 5, 1927.

PRINTS

REGISTERED OCTOBER 18, 1927.

- 10,262.—*Title:* IT'LL PUT YOU ON YOUR TOES. For a Tonic. C. W. ABBOTT & Co., Baltimore, Md. Published July 1, 1927.
- 10,263.—*Title:* THE NEW COMPLETE CADET VAN DYKE FOOT. For Hosiery. THE CADET KNITTING COMPANY, Philadelphia, Pa. Published May 15, 1927.
- 10,264.—*Title:* C BUNGALOW STORES. For Foods. NICHOLAS M. CONSTANS, Minneapolis, Minn. Published August 25, 1927.
- 10,265.—*Title:* BILLY COLD FIX. For Laxative Cold-Fix Tablets. CORN FIX COMPANY, INC., Newark, N. J. Published August 1, 1927.
- 10,266.—*Title:* HEALTH AUTHORITIES ARE NOW URGING MOTHERS. For Wheat Breakfast Food. CREAM OF WHEAT CO., Minneapolis, Minn. Published August 20, 1927.
- 10,267.—*Title:* TASTE THAT MARVELOUS CHOCOLATE FLAVOR. For Dessert Preparations. THE D & C CO. INC., Wilmington, Del., and New York, N. Y. Published June 12, 1927.
- 10,268.—*Title:* SUNSHINE SERVICE. For Electricity, Gas, and Ice. FLORIDA POWER & LIGHT COMPANY, Miami, Fla. Published December 1, 1926.
- 10,269.—*Title:* SUNSHINE SERVICE. For Ice. FLORIDA POWER & LIGHT COMPANY, Miami, Fla. Published December 1, 1926.
- 10,270.—*Title:* SUNSHINE SERVICE. For Power, Gas, and Ice. FLORIDA POWER & LIGHT COMPANY, Miami, Fla. Published December 1, 1926.
- 10,271.—*Title:* SUNSHINE SERVICE. For Power, Gas, and Ice. FLORIDA POWER & LIGHT COMPANY, Miami, Fla. Published December 1, 1926.
- 10,272.—*Title:* AGED 6 MONTHS. For Cluquet Club Ginger Ale. GENERAL OUTDOOR ADVERTISING CO. INC., New York, N. Y. Published August 23, 1926.
- 10,273.—*Title:* 6-4-4. For Motor Trucks. HENDRICKSON MOTOR TRUCK COMPANY, Chicago, Ill. Published December 27, 1926.
- 10,274.—*Title:* BETTER PLEATINGS AT PRICES THAT MEET COMPETITION. For Pleatings. IDEAL PLEATING CO. INC., New York, N. Y. Published May 5, 1927.
- 10,275.—*Title:* WHY HESITATE. For Dental Cream. THE KOLYNOS COMPANY, New Haven, Conn. Published August 12, 1927.
- 10,276.—*Title:* THE PROPER LITTLE CHERRY. For Ice Cream. MATHEWS INDUSTRIES INC., Detroit, Mich. Published August 15, 1927.
- 10,277.—*Title:* THE BANANA BOY. For Ice Cream. MATHEWS INDUSTRIES INC., Detroit, Mich. Published August 15, 1927.
- 10,278.—*Title:* FRIENDLY PINEAPPLE PETE. For Ice Cream. MATHEWS INDUSTRIES INC., Detroit, Mich. Published August 15, 1927.
- 10,279.—*Title:* THE NUTTY WALNUT. For Ice Cream. MATHEWS INDUSTRIES INC., Detroit, Mich. Published August 15, 1927.
- 10,280.—*Title:* THE RASPBERRY RUMPUS. For Ice Cream. MATHEWS INDUSTRIES INC., Detroit, Mich. Published August 15, 1927.
- 10,281.—*Title:* HELPFUL POLLY PEACH. For Ice Cream. MATHEWS INDUSTRIES INC., Detroit, Mich. Published August 15, 1927.
- 10,282.—*Title:* WHY STRAWBERRIES GET IN JAMS. For Ice Cream. MATHEWS INDUSTRIES INC., Detroit, Mich. Published August 15, 1927.
- 10,283.—*Title:* CONES—A PURE FOOD. For Ice Cream. MATHEWS INDUSTRIES INC., Detroit, Mich. Published August 15, 1927.
- 10,284.—*Title:* A LARGE DISH OF STRAWBERRY ICE CREAM. For Ice Cream. MATHEWS INDUSTRIES INC., Detroit, Mich. Published August 15, 1927.
- 10,285.—*Title:* MAPLENU—A WHOLESOME FOOD. For Ice Cream. MATHEWS INDUSTRIES INC., Detroit, Mich. Published August 15, 1927.
- 10,286.—*Title:* CHOCOLATE SUNDAE THE CHILDREN'S DELIGHT. For Ice Cream. MATHEWS INDUSTRIES INC., Detroit, Mich. Published August 15, 1927.
- 10,287.—*Title:* HEALTHFUL AND APPETIZING. For Ice Cream. MATHEWS INDUSTRIES INC., Detroit, Mich. Published August 15, 1927.
- 10,288.—*Title:* DELICIOUS AND INVITING. For Ice Cream. MATHEWS INDUSTRIES INC., Detroit, Mich. Published August 15, 1927.
- 10,289.—*Title:* THE ICE CREAM TOWN BRICKS AND SODAS. For Ice Cream. MATHEWS INDUSTRIES INC., Detroit, Mich. Published August 15, 1927.
- 10,290.—*Title:* THE ICE CREAM TOWN OF BRICKS AND CONES. For Ice Cream. MATHEWS INDUSTRIES INC., Detroit, Mich. Published August 15, 1927.
- 10,291.—*Title:* EVERYBODY'S FAVORITE. For Ice Cream. MATHEWS INDUSTRIES INC., Detroit, Mich. Published August 15, 1927.
- 10,292.—*Title:* SWEET AND WHOLESOME. For Ice Cream. MATHEWS INDUSTRIES INC., Detroit, Mich. Published August 15, 1927.
- 10,293.—*Title:* THE CHILD'S DESIRE. For Ice Cream. MATHEWS INDUSTRIES INC., Detroit, Mich. Published August 15, 1927.
- 10,294.—*Title:* FATHER'S DELICIOUS BRICK. For Ice Cream. MATHEWS INDUSTRIES INC., Detroit, Mich. Published August 15, 1927.
- 10,295.—*Title:* GRANDPA'S CHOICE. For Ice Cream. MATHEWS INDUSTRIES INC., Detroit, Mich. Published August 15, 1927.
- 10,296.—*Title:* THE YOUNGSTER'S STANDBY. For Ice Cream. MATHEWS INDUSTRIES INC., Detroit, Mich. Published August 15, 1927.
- 10,297.—*Title:* GRANDMA'S FAVORITE. For Ice Cream. MATHEWS INDUSTRIES INC., Detroit, Mich. Published August 15, 1927.
- 10,298.—*Title:* SISTER'S TREAT. For Ice Cream. MATHEWS INDUSTRIES INC., Detroit, Mich. Published August 15, 1927.
- 10,299.—*Title:* THE SLEEPING BOY'S DELIGHT. For Ice Cream. MATHEWS INDUSTRIES INC., Detroit, Mich. Published August 15, 1927.
- 10,300.—*Title:* THE ICE CREAM TOWN OF BRICKS AND CREAMS. For Ice Cream. MATHEWS INDUSTRIES INC., Detroit, Mich. Published August 15, 1927.
- 10,301.—*Title:* NUTRITIOUS AND WHOLESOME. For Ice Cream. MATHEWS INDUSTRIES INC., Detroit, Mich. Published August 15, 1927.

- 10,302.—*Title:* AS PURE AS THE DEW. For Ice Cream. MATHEWS INDUSTRIES INC., Detroit, Mich. Published August 15, 1927.
- 10,303.—*Title:* LADY LUSTRA. For Underwear, Both Silk and Rayon. MINNEAPOLIS LINEN CO., Minneapolis, Minn. Published May 20, 1927.
- 10,304.—*Title:* COFFEE, CONTENTMENT M. J. B. (WITH DESIGN OF TWO PERSONS APPEARING IN BATHING DRESS.) For Coffee. M. J. B. Co., San Francisco, Calif. Published April 2, 1927.
- 10,305.—*Title:* COFFEE CONTENTMENT M. J. B. (WITH DESIGN OF TWO PERSONS IN CONVENTIONAL DRESS, SEATED AT A TABLE). For Coffee. M. J. B. Co., San Francisco, Calif. Published April 2, 1927.
- 10,306.—*Title:* MAID O'CLOVER. For Butter, Eggs, and Cheese. MUTUAL CREAMERY COMPANY, Los Angeles, Calif. Published September 1, 1925.

- 10,307.—*Title:* ODELL'S AMERICAN BEAUTY. For Hair Tonic. THE ODELL COMPANY, INC., Newark, N. J. Published August 6, 1927.
- 10,308.—*Title:* MAQUINAS SINGER PARA COSER. For Sewing Machines. SINGER SEWING MACHINE COMPANY, Elizabeth, N. J. Published July 22, 1927.
- 10,309.—*Title:* TANGLEFOOT FLY SPRAY. For Insecticide. THE TANGLEFOOT COMPANY, Grand Rapids, Mich. Published March 5, 1927.
- 10,310.—*Title:* WALLACE ELECTRIC HANDSAW. For Electric Handsaws. J. D. WALLACE & Co., Chicago, Ill. Published August 1, 1927.
- 10,311.—*Title:* RIGHT HERE, THE CUBAN SEAL CIGAR. For Cigars. DAVID J. WEINREICH, doing business as Joseph Weinreich, Dayton, Ohio. Published August 22, 1927.

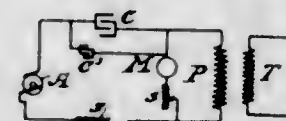
REISSUES

OCTOBER 18, 1927.

16,772. PROCESS FOR OBTAINING THE ACTIVE PRINCIPLE OF LOBELIA. HEINRICH WIELAND, Munich, Germany, assignor to the Firm of C. H. Boehringer Sohn Chemische Fabrik, Neuderingelheim-on-the-Rhine, Germany. Filed Apr. 22, 1926. Serial No. 103,977. Original No. 1,505,181, dated Aug. 19, 1924. Serial No. 395,131, filed July 9, 1920, and in Germany Apr. 4, 1914. (Granted under the provisions of the act of Mar. 3, 1921, 41 Stat. L., 1313.) Renewed Nov. 21, 1922. 6 Claims. (Cl. 260—25.)

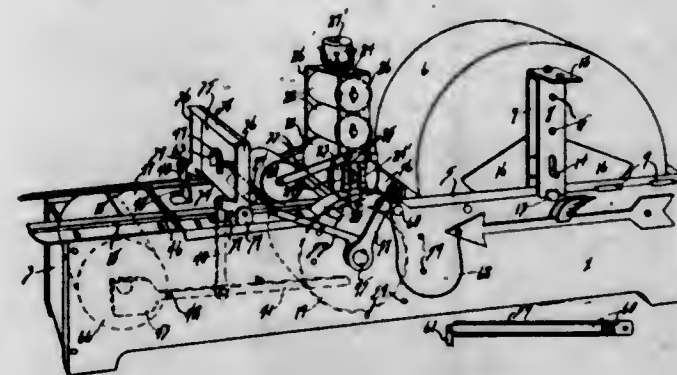
4. As a new article of manufacture, an alkaloid compound comprising probably the alkaloid grouping $C_{20}H_{27}O_2N$, said alkaloid compound in the form of its free base forming colorless crystals melting at $130^{\circ}C$, furnishing an amorphous yellowish-white platinum chloride double salt containing 17.6% pt., forming a difficultly soluble mercurous double salt, and being very difficultly soluble in water, and in the form of its hydrochloride being easily soluble in water and chloroform.

16,773. ELECTRIC TRANSMISSION ARRANGEMENT. ANTONIN MONTEILHET, Paris, France, assignor to Société Anonyme des Telegraphes Edouard Bellin, Paris, France. Filed May 4, 1925. Serial No. 28,000. Original No. 1,411,366, dated Apr. 4, 1922, Serial No. 765,920, filed May 6, 1918. 5 Claims. (Cl. 178—11.)



2. In facsimile transmission, the combination with a record to be transmitted of a source of high frequency alternating current, a transformer having primary and secondary windings, a microphone including means to vary its resistance according to the record to be transmitted, and circuits connecting said elements whereby a decrease in resistance of the microphone causes a decrease in current supplied to the transformer, and vice versa.

16,774. GUMMED-TAPE-SERVING MACHINE. WILLIAM A. UTZ, Sr., Fort Worth, Tex., assignor, by mesne assignments, to Perfection Package Sealer Company, a Corporation of Texas. Filed May 10, 1927. Serial No. 190,348. Original No. 1,592,431, dated July 13, 1926, Serial No. 77,934, filed Dec. 28, 1925. 16 Claims. (Cl. 211—33.)



15. In a tape dispensing machine, means for guiding the strip of tape as it is manually drawn from the machine, a blade for severing sections from the tape in required lengths, a bracket carrying said blade and pivoted to swing said blade across the path of the passing tape, a stationary blade close under the passing strip for cooperating with said swinging blade, a roller actuated by friction against the passing tape and provided with an actuating arm, a lever operatively connected with said bracket and normally standing in the path of said arm and adapted for actuation by said arm when

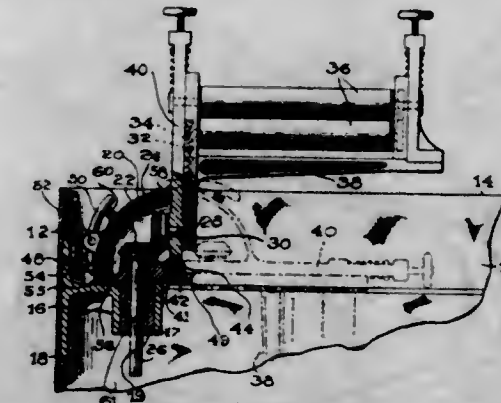
said roller is revolved, a tab cutting device carried by said bracket, and means to bend the cut tab out of the plane of the tape.

16,775. TAMPING TOOL. WILLIAM C. WOLFE, Richmond, Ind. Filed Aug. 1, 1927. Serial No. 209,957. Original No. 1,565,697, dated Dec. 15, 1925, Serial No. 17,006, filed Mar. 20, 1925. 12 Claims. (Cl. 104—14.)



1. A tool of the character described, including a spade-like member having a passage therethrough, a flexible hose communicating with said passage for conducting fluid under pressure therein, and a flared bottom to said member having an elongated slot adjacent thereto in communication with said passageway for directing the fluid laterally for engaging said material.

16,776. WASHING MACHINE WITH FOLDING WRINGER. HALSEY D. PAYNE, ALVIN W. DE CLEQUE, and SIDNEY T. SJOBERG, Chicago, Ill., assignors, by mesne assignments, to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., a Corporation of Pennsylvania. Filed Apr. 20, 1923. Serial No. 633,517. Original No. 1,375,170, dated Apr. 19, 1921, Serial No. 408,705, filed Sept. 7, 1920. 5 Claims. (Cl. 68—32.)

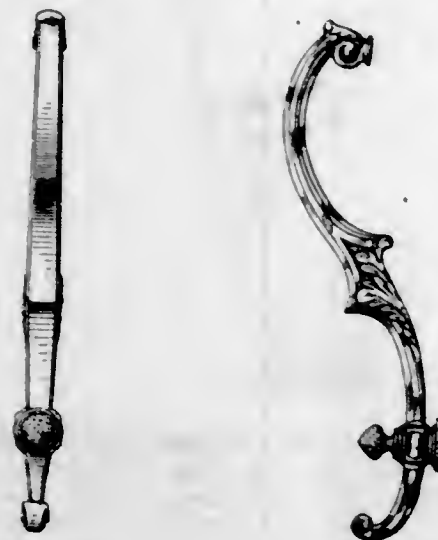


1. In mechanism of the class described, a cabinet, a wringer mechanism mounted in a frame, means pivoting the wringer frame at a point inside the cabinet and below its upper edge in such manner that the wringer may be swung in the plane of the body of the wringer from an elevated position where it extends above the top of the cabinet to a lower position where it is below the top of the cabinet, means for selectively locking the wringer in each of said positions, and means in the cabinet adapted to deliver power to the wringer when the wringer is in its elevated position.

DESIGNS

OCTOBER 18, 1927.

73,633. BRIDGE ARM FOR LIGHTING FIXTURES. HERMAN ABRAMS, Philadelphia, Pa., assignor to Crescent Brass Mfg. Co., Reading, Pa., a Corporation of Pennsylvania. Filed July 9, 1927. Serial No. 22,717. Term of patent 3½ years.



The ornamental design for a bridge arm for lighting fixtures, as shown.

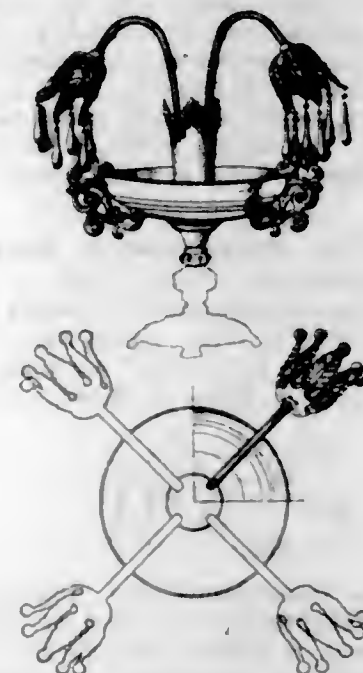
73,634. DISH OR SIMILAR ARTICLE. GROSVENOR N. ALLEN, Oneida, N. Y. Filed Mar. 26, 1927. Serial No. 21,352. Term of patent 14 years.



The ornamental design for a dish or similar article as shown and described.

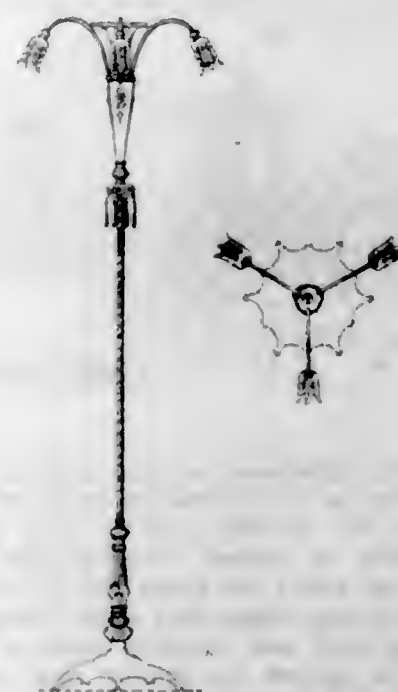
502

73,635. LIGHTING FIXTURE. MAURICE BLOCK, Chicago, Ill., assignor to Block-Porteller Company, Chicago, Ill., a Corporation of Illinois. Filed May 18, 1927. Serial No. 22,025. Term of patent 3½ years.



The ornamental design for a lighting fixture substantially as shown.

73,636. FLOOR LAMP. MAURICE BLOCK, Chicago, Ill., assignor to Block-Porteller Company, Chicago, Ill., a Corporation of Illinois. Filed May 18, 1927. Serial No. 22,026. Term of patent 3½ years.



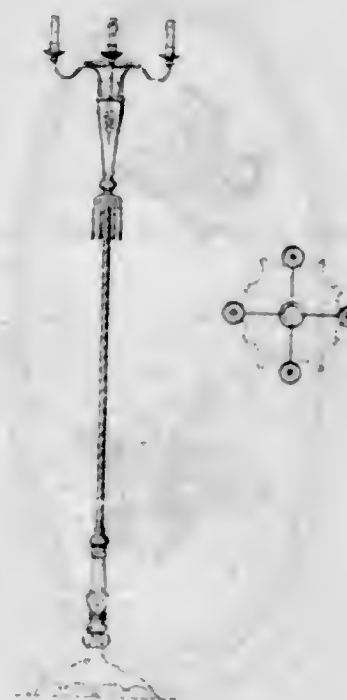
The ornamental design for a floor lamp substantially as shown.

OCTOBER 18, 1927

U. S. PATENT OFFICE.

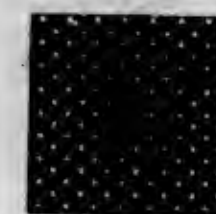
503

73,637. FLOOR LAMP. MAURICE BLOCK, Chicago, Ill., assignor to Block-Porteller Company, Chicago, Ill., a Corporation of Illinois. Filed May 18, 1927. Serial No. 22,027. Term of patent 3½ years.



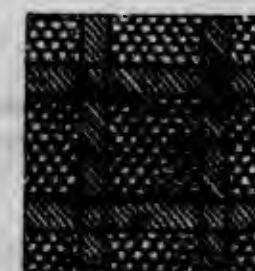
The ornamental design for a floor lamp substantially as shown.

73,638. WOVEN FABRIC OR SIMILAR ARTICLE. LEO BLUM, New York, N. Y. Filed May 28, 1927. Serial No. 22,208. Term of patent 3½ years.



The ornamental design for a woven fabric or similar article as shown.

73,639. WOVEN FABRIC OR SIMILAR ARTICLE. LEO BLUM, New York, N. Y. Filed May 28, 1927. Serial No. 22,214. Term of patent 3½ years.



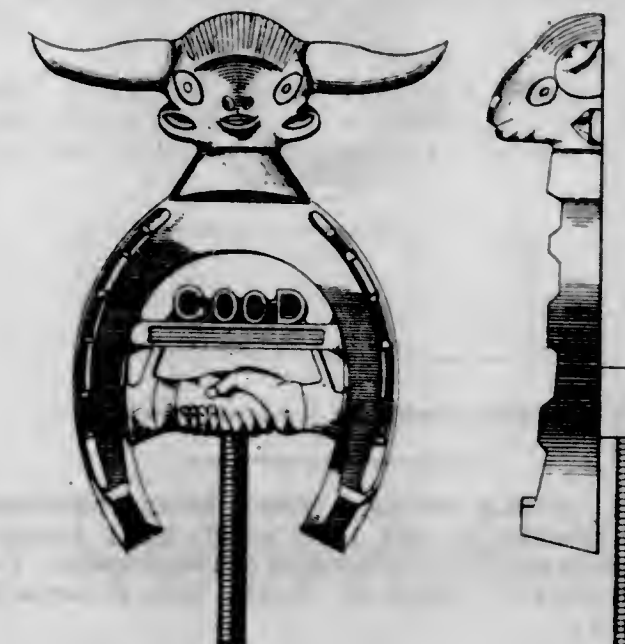
The ornamental design for a woven fabric or similar article as shown.

73,640. DRAWER PULL. EDWARD BURTON, Grand Rapids, Mich., assignor to Keeler Brass Company, Grand Rapids, Mich. Filed July 8, 1927. Serial No. 22,701. Term of patent 3½ years.



The ornamental design for a drawer pull substantially as shown.

73,641. RADIATOR-CAP ORNAMENT OR THE LIKE. DOMENICO CALARCO, Burlington, Vt. Filed July 7, 1927. Serial No. 22,681. Term of patent 3½ years.



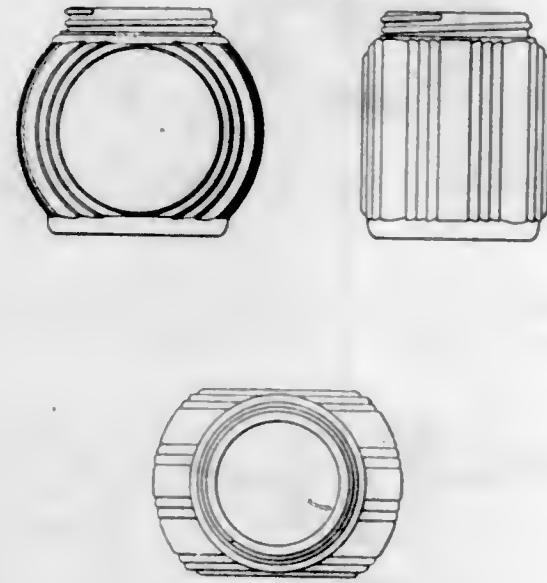
The ornamental design for a radiator cap ornament or the like as shown.

73,642. WALL AND MANTEL ORNAMENT OR THE LIKE. DOMENICO CALARCO, Burlington, Vt. Filed July 7, 1927. Serial No. 22,682. Term of patent 3½ years.



The ornamental design for a wall and mantel ornament or the like as shown.

73,643. JAR. ALVIE C. CRIMMEL, Hartford City, Ind. Filed July 18, 1927. Serial No. 22,799. Term of patent 7 years.



The ornamental design for a jar, as shown.

73,644. TABLE COVER. JOSEPH DEAK, Philadelphia, Pa., assignor to The Derk Manufacturing Company, Doylestown, Pa., a Corporation of Pennsylvania. Filed July 26, 1927. Serial No. 22,886. Term of patent 3 1/4 years.



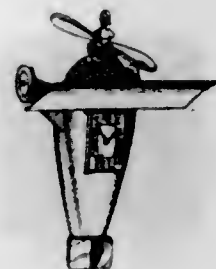
The ornamental design for a table cover, as shown.

73,645. RUG. STELLA B. DICKINSON, Belleville, N. J., assignor to Ginzkey-Maffersdorf, Inc., a Corporation of New York. Filed Feb. 6, 1926. Serial No. 16,486. Term of patent 3 1/4 years.



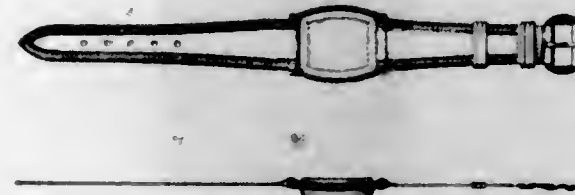
The ornamental design for a rug as shown.

73,646. WATCHCASE. ISIDOR DINSTMAN, New York, N. Y., assignor to Diel Watch Case Co., Inc., a Corporation of New York. Filed June 24, 1927. Serial No. 22,539. Term of patent 14 years.



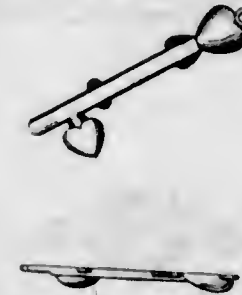
The ornamental design for a watchcase as shown.

73,647. COMBINED WRIST WATCHCASE, STRAP, AND BUCKLE. ISIDOR DINSTMAN, New York, N. Y., assignor to Diel Watch Case Co., Inc., a Corporation of New York. Filed Aug. 4, 1927. Serial No. 22,906. Term of patent 14 years.



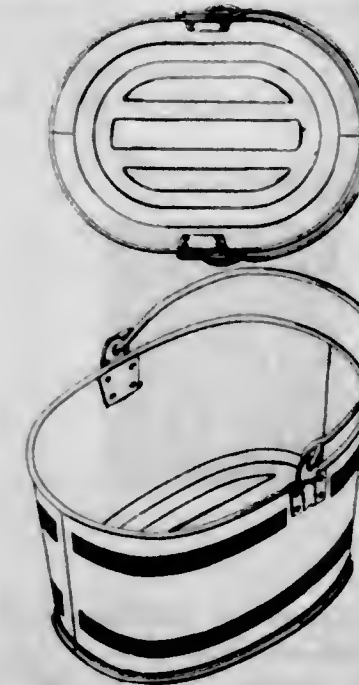
The ornamental design for a combined wrist watchcase, strap and buckle as shown.

73,648. WATCH CHARM OR SIMILAR ARTICLE. JOSE A. DOMINGUEZ, Mayaguez, P. R. Filed May 2, 1927. Serial No. 21,813. Term of patent 14 years.



The ornamental design for a watch charm or similar article, as shown.

73,649. PAIL. JAMES M. EIFFE, Fultonville, N. Y., assignor to White Mop Wringer Company, Fultonville, N. Y., a Corporation of New York. Filed Apr. 2, 1927. Serial No. 21,435. Term of patent 14 years.



The ornamental design for a pail as shown.

73,650. TABLE DOLLY OR THE LIKE. ANNA LABNO EJK, South Plainfield, N. J. Filed May 31, 1927. Serial No. 22,229. Term of patent 14 years.



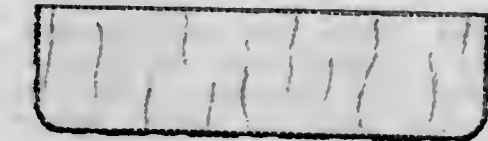
The ornamental design for a table dolly or the like, as shown.

73,651. TABLE COVER OR THE LIKE. ANNA LABNO EJK, South Plainfield, N. J. Filed May 31, 1927. Serial No. 22,230. Term of patent 14 years.



The ornamental design for a table cover or the like, as shown.

73,652. PIANO COVER OR THE LIKE. ANNA LABNO EJK, South Plainfield, N. J. Filed May 31, 1927. Serial No. 22,232. Term of patent 14 years.



The ornamental design for a piano cover or the like, as shown.

73,653. COMBINED ADVERTISING CIGAR CUTTER AND LIGHTER STAND. WALTER L. EWING, Philadelphia, Pa. Filed Apr. 13, 1927. Serial No. 21,581. Term of patent 3 1/4 years.



The ornamental design for a combined advertising cigar cutter and lighter stand, as shown.

73,654. CARPET. ALEXANDER FINLAY, Philadelphia, Pa., assignor to The Barrymore Seamless Wiltons, Inc., Philadelphia, Pa., a Corporation of Pennsylvania. Filed July 29, 1927. Serial No. 22,949. Term of patent 7 years.



The ornamental design for a carpet, substantially as shown.

73,655. LAMP STEM. ABRAHAM GOLDBERG, Bronx, N. Y., assignor to Textol Metal Art Products Co., Inc., New York, N. Y., a Corporation of New York. Filed Sept. 17, 1926. Serial No. 19,100. Term of patent $3\frac{1}{2}$ years.



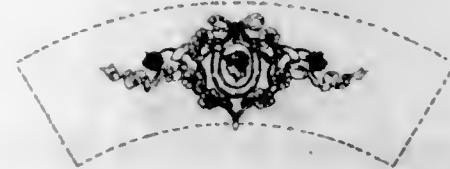
The ornamental design for a lamp stem as shown.

73,656. COCKTAIL SHAKER. JUANITA GONZÁLEZ, New York, N. Y. Filed June 6, 1927. Serial No. 22,353. Term of patent $3\frac{1}{2}$ years.



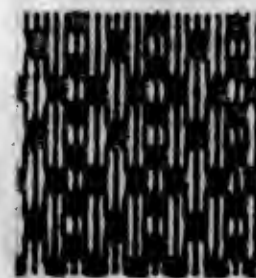
The ornamental design for a cocktail shaker, as shown.

73,657. DECALCOMANIA STRIP FOR A DINNER PLATE OR SIMILAR ARTICLE. HENRY HABERMANN, New York, N. Y., assignor, by mesne assignments, to The Atlas-Globe China Co., Niles, Ohio, a Corporation of Ohio. Filed Mar. 6, 1923. Serial No. 5,372. Term of patent 7 years.



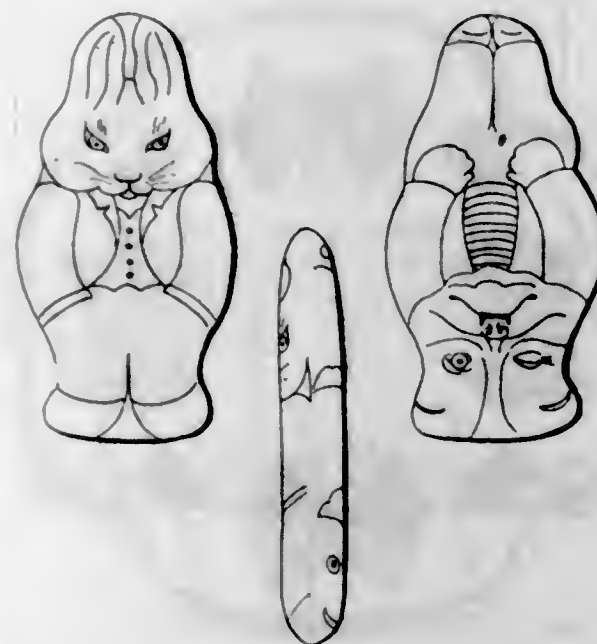
The ornamental design for a decalcomania strip for a dinner plate or similar article as shown and described.

73,658. PILE FABRIC. CHARLES S. HAMILTON, Harrison, N. Y., assignor to New York Mills Corporation, New York Mills, N. Y., a Corporation of New York. Filed June 4, 1926. Serial No. 17,937. Term of patent 7 years.



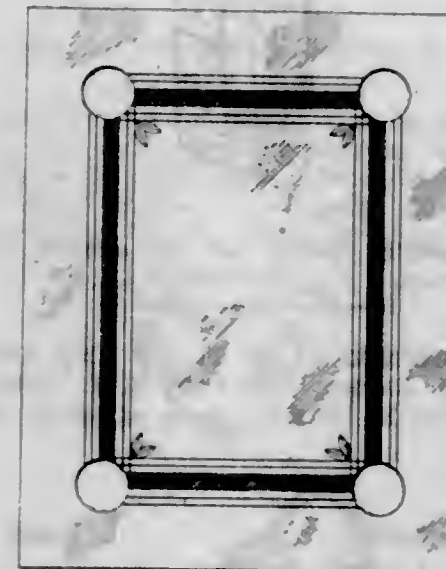
The ornamental design for a pile fabric as shown.

73,659. STUFFED DOLL. SARA ARABELLE KELCHNER, New York, N. Y. Filed Jan. 7, 1927. Serial No. 20,302. Term of patent 14 years.



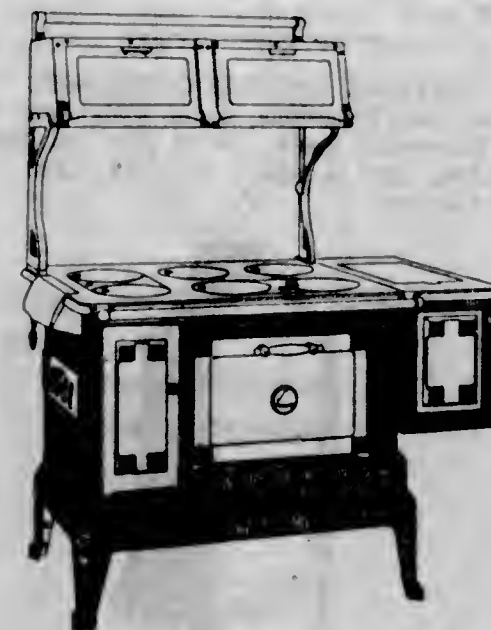
The ornamental design for a stuffed doll substantially as shown and described.

73,660. GLASS PLATE FOR A MIRROR OR THE LIKE. WILLIAM LA HODNY, Buffalo, N. Y., assignor to Standard Mirror Company, Inc., Buffalo, N. Y., a Corporation of New York. Filed Aug. 26, 1925. Serial No. 14,589. Term of patent $3\frac{1}{2}$ years.



The ornamental design for a glass plate for a mirror or the like as shown.

73,661. COAL RANGE. HENRY LANGE, Quincy, Ill. Filed July 19, 1927. Serial No. 22,808. Term of patent 14 years.



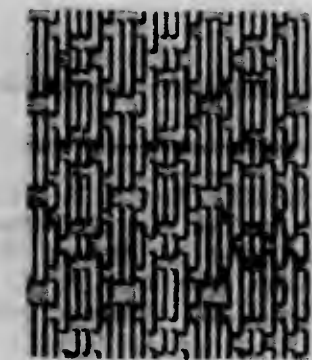
The ornamental design for a coal range, as shown.

73,662. TOOTHBRUSH. MORRIS W. LEDERER, Detroit, Mich. Filed Nov. 26, 1926. Serial No. 19,847. Term of patent 14 years.



The ornamental design for a toothbrush as shown.

73,663. PILE FABRIC. JOHN LEIPER, New York Mills, N. Y., assignor to New York Mills Corporation, New York Mills, N. Y., a Corporation of New York. Filed Mar. 23, 1927. Serial No. 21,273. Term of patent 7 years.



The ornamental design for a pile fabric as shown.

73,664. BURIAL SLIPPER. ELLA MARTIN, Providence, Ky. Filed Mar. 19, 1927. Serial No. 21,204. Term of patent 14 years.



The ornamental design for a burial slipper, as shown.

73,665. COMBINATION LAMP AND GLOBE. ROBERT F. MATHEWS, Newark, N. J., assignor to The Heather-Mathews Co., a Copartnership consisting of Richard C. Heather and Robert F. Mathews, New York, N. Y. Filed July 11, 1927. Serial No. 22,724. Term of patent 14 years.



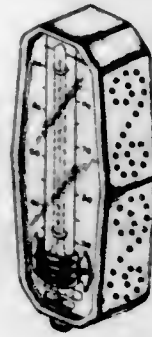
The ornamental design for a combination lamp and globe as shown.

73,666. TABLE LAMP. ROBERT F. MATHEWS, Newark, N. J., assignor to The Heather-Mathews Co., a Copartnership consisting of Richard C. Heather and Robert F. Mathews, New York, N. Y. Filed July 11, 1927. Serial No. 22,725. Term of patent 14 years.



The ornamental design for a table lamp as shown.

73,667. ELECTRIC THERMOSTAT CASING. ALBERT P. MYER, Minneapolis, Minn., assignor to Simplex Heat Regulator Company, Minneapolis, Minn., a Corporation of Minnesota. Filed May 20, 1927. Serial No. 22,110. Term of patent 14 years.



The ornamental design for an electric thermostat casing as shown.

73,668. COMBINED LAMP STAND AND ASH TRAY. CHARLES B. NAMIOS, New York, N. Y. Filed July 2, 1927. Serial No. 22,650. Term of patent 3½ years.



The ornamental design for a combined lamp stand and ash tray as shown.

73,669. PERFUME BOTTLE CONTAINER. ESTEBAN MONEGAL PRAT, Barcelona, Spain, assignor to Myrurgia, S. A., Barcelona, Spain. Filed Nov. 24, 1926, Serial No. 19,836, and in Spain June 23, 1926. Term of patent 7 years.



The ornamental design for a perfume bottle container as shown.

73,670. PENCIL TIP. JOHN KING RECKFORD, New York, N. Y. Filed Apr. 4, 1927. Serial No. 21,444. Term of patent 14 years.



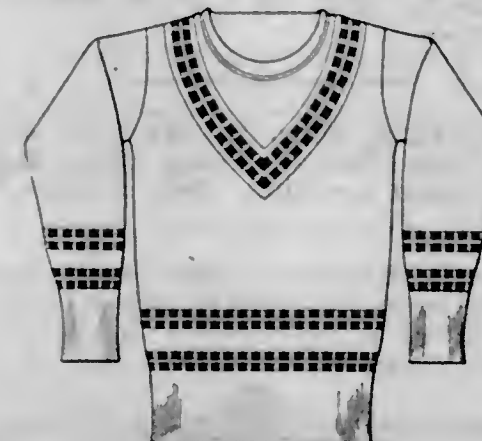
The ornamental design for a pencil tip, as shown.

73,671. KNITTED SWEATER. LEO S. SACK, Philadelphia, Pa., assignor to Durable Knitting Mills, Philadelphia, Pa., a Copartnership consisting of Abraham L. Stoumen, Isadore Cohen, and himself. Filed Mar. 11, 1927. Serial No. 21,091. Term of patent 3½ years.



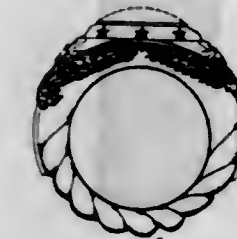
The ornamental design for a knitted sweater as shown and described.

73,672. KNITTED SWEATER. LEO S. SACK, Philadelphia, Pa., assignor to Durable Knitting Mills, Philadelphia, Pa., a Copartnership consisting of Abraham L. Stoumen, Isadore Cohen, and himself. Filed Mar. 11, 1927. Serial No. 21,092. Term of patent 3½ years.



The ornamental design for a knitted sweater as shown and described.

73,673. RING. GUYTON D. SAVAGE, Norfolk, Va. Filed Jan. 22, 1927. Serial No. 20,455. Term of patent 3½ years.



The ornamental design for a ring, as shown.

73,674. LIGHTING-FIXTURE BRACKET. HARRY SHARDLOW, Los Angeles, Calif., assignor to Solar Lighting Fixture Co., Los Angeles, Calif., a Corporation of California. Filed Aug. 27, 1927. Serial No. 23,230. Term of patent 3½ years.



The ornamental design for a lighting fixture bracket as shown.

73,675. LAMP CANOPY. ADRIAN ROY SOLOMON, San Francisco, Calif. Filed Aug. 31, 1927. Serial No. 23,258. Term of patent 7 years.



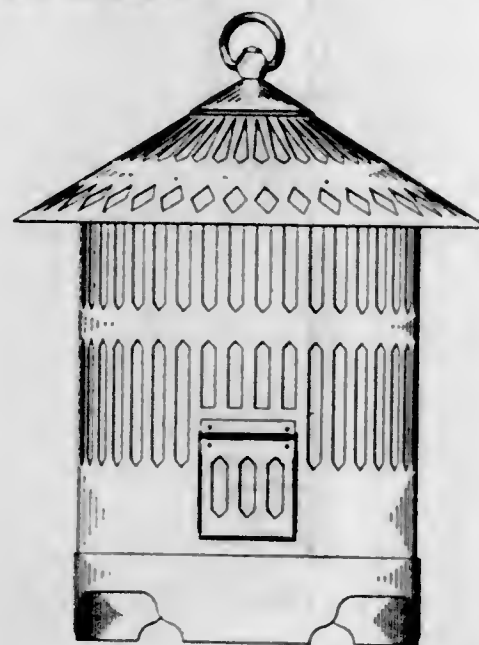
The ornamental design for a lamp canopy, as shown.

73,676. RING. LAURENCE G. STEWART, St. Louis, Mo. Filed June 22, 1927. Serial No. 22,521. Term of patent 14 years.



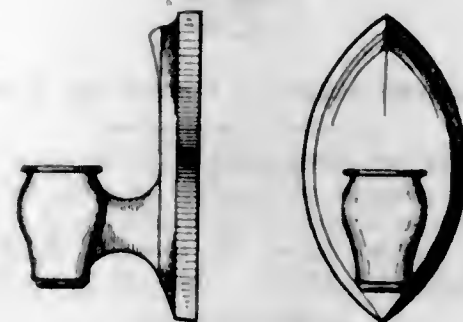
The ornamental design for a ring, as shown.

73,677. BIRD CAGE. ROSS L. TULLIS, New Haven, Conn. Filed Apr. 7, 1927. Serial No. 21,496. Term of patent 14 years.



The ornamental design for a bird cage substantially as shown.

73,678. WALL BRACKET. WALTER VON NESSEN, New York, N. Y., assignor to Efcollite Corporation, a Corporation of New York. Filed May 4, 1927. Serial No. 21,853. Term of patent 3½ years.



The ornamental design for a wall bracket, substantially as shown and described.

73,679. CURTAIN ROD OR SIMILAR ARTICLE. FREDERIC JOHN WHINCAP, Sturgis, Mich. Filed Mar. 22, 1926. Serial No. 17,013. Term of patent 7 years.



The ornamental design for a curtain rod or similar article as shown.

73,680. CURTAIN ROD OR SIMILAR ARTICLE. FREDERIC JOHN WHINCAP, Sturgis, Mich. Filed Mar. 22, 1926. Serial No. 17,013. Term of patent 7 years.

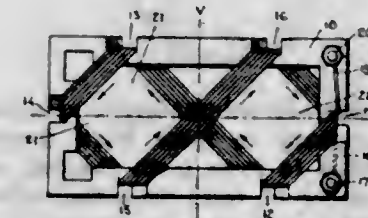


The ornamental design for a curtain rod or similar article as shown.

PATENTS

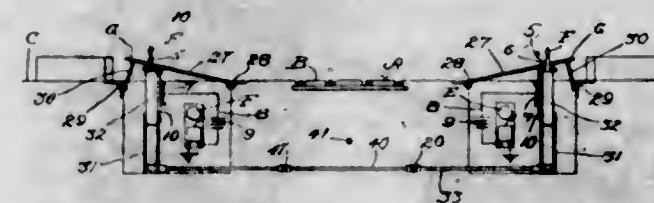
GRANTED OCTOBER 18, 1927.

1,645,511. INDUCTANCE UNIT. CHARLES A. BIRCHFIELD, Larchmont, N. Y. Filed Apr. 3, 1925. Serial No. 20,443. 8 Claims. (Cl. 175-359.)



1. An inductance unit comprising a conductor wound continuously and alternately in substantially parallel planes and forming a plurality of adjacent polygonal figures, the windings of the said figures being in opposite directions and forming an external field of low value and low distributed capacity.

1,645,512. GRADE-CROSSING PROTECTING SYSTEM. PHILIP A. BOWEN, Lynn, Mass., assignor to Lillian A. Little, Lynn, Mass. Filed July 14, 1925. Serial No. 43,537. 5 Claims. (Cl. 177-329.)

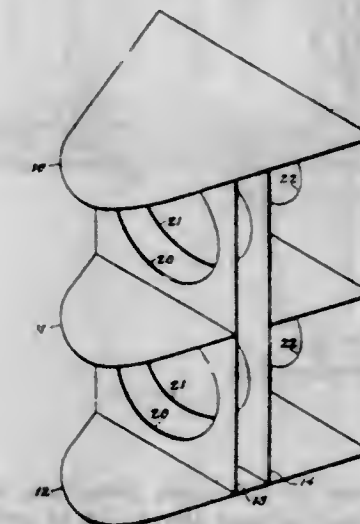


5. In a grade crossing protecting system, the combination of a barrier having an aperture, a signal lamp below said barrier, means for elevating said barrier and for shifting the lamp through said aperture to a visible position above the barrier.

1,645,513. INDICATOR. WILLIAM F. DITTMAN, Arlington, N. J., assignor to Elevator Supplies Company, Inc., Hoboken, N. J., a Corporation of New Jersey. Filed Jan. 2, 1926. Serial No. 78,744. 2 Claims. (Cl. 177-329.)

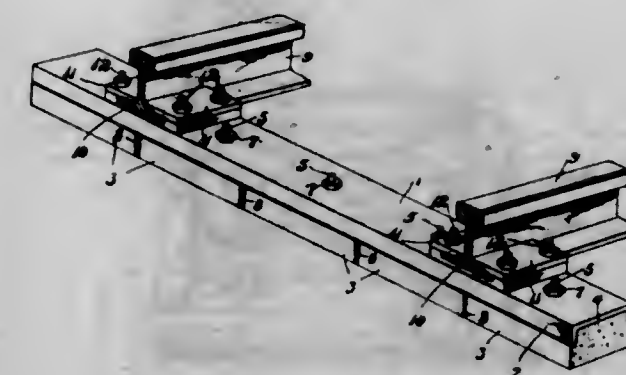
2. In a device of the class described, a casing having a translucent surface, a pair of lamps in said casing, means for causing the appearance of one of two overlapping unbroken designs on said surface upon the illumination of one of said lamps, said means comprising two dividing partitions extending longitudinally of said casing, cut-out portions in each partition to permit them to fit snugly against both said lamps, said partitions serving to divide said casing into a central chamber and two side chambers, and a partition extending transversely thru each of said side chambers at a point substantially midway between said lamps to divide each of said side chambers

into two sub-chambers, said partitions serving to confine the light rays of one lamp to the central chamber and the two sub-chambers adjacent said lamp, and serving



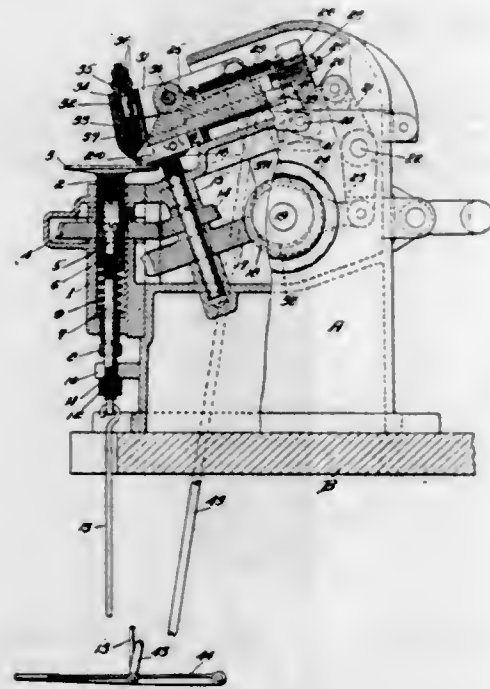
further to confine the rays of the other lamp to the said central chamber and the other two sub-chambers, as and for the purpose set forth.

1,645,514. RAILROAD TIE. ARTHUR L. ADAMT, Reed City, Mich. Filed Apr. 11, 1927. Serial No. 182,678. 1 Claim. (Cl. 238-35.)



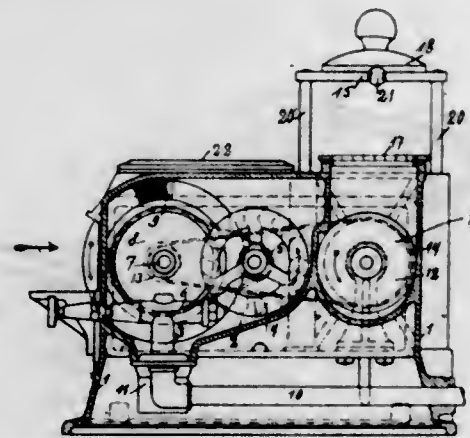
A railroad tie comprising a metal bar extending the full length of the tie and arranged at the top thereof, a plurality of concrete blocks located underneath the said bar and arranged in alignment with their adjacent ends spaced short distances apart, means for securing the blocks and the bar together, and fillers of plastic elastic material located in the spaces between the concrete blocks and being of substantially uniform area with the ends of the blocks and forming expansion joints between the blocks to permit the cross tie to yield without rupture.

1,645,515. INNESSOLE-FORMING MACHINE. HARRIE A. BALLARD, Boston, Mass., assignor to General Shoe Machinery Company, Boston, Mass., a Corporation of Maine. Filed Mar. 17, 1921. Serial No. 452,947. 4 Claims. (Cl. 12—30.)



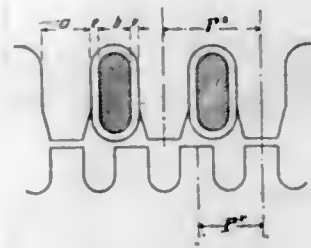
1. In a machine of the class described, a depressible work table, a slide arranged above and at one side of said table, a rib-forming tool pivoted to said slide and normally positioned to operate by movement about its pivot within the rib of an inner sole supported on said table, and means for simultaneously depressing said table and moving said slide to remove said tool from operative position.

1,645,516. PEELING MACHINE. MARIO BENNINGER, Rheineck, St. Gall, Switzerland. Filed Apr. 10, 1926, Serial No. 101,061, and in Switzerland Apr. 6, 1925. 1 Claim. (Cl. 146—50.)



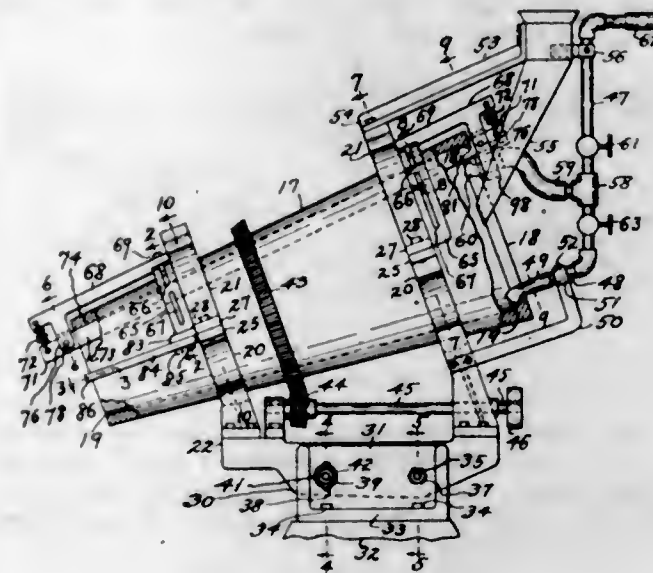
A peeling machine comprising, in combination, a frame having a chamber therein, said chamber being provided at its bottom with a waste outlet, a rotary peeler provided with peeling brushes mounted in said chamber, a turbine wheel mounted in said chamber, a driving connection between the turbine wheel and the peeling brush, and an injector nozzle extending into said chamber for supplying water to actuate the turbine wheel and wet the brushes, the waste outlet being positioned for the discharge by gravity of the peelings removed by the brushes with the waste water.

1,645,517. HIGH-FREQUENCY ALTERNATOR. JOSEPH BETHENOD and EMILE GIRARDEAU, Paris, France. Filed Aug. 29, 1921, Serial No. 496,553, and in France July 9, 1919. 8 Claims. (Cl. 171—252.) (Granted under the provisions of the act of Mar. 3, 1921, 41 Stat. L., 1313.)



1. In a high frequency alternator, a rotating member slotted at the periphery to form teeth thereon and a stator member slotted to form teeth thereon, said stator having a lesser number of teeth than the rotor and said stator teeth having a winding interposed therebetween and having a width at least as great as the width of the windings thereon and the teeth of both members having the same width at the air gap.

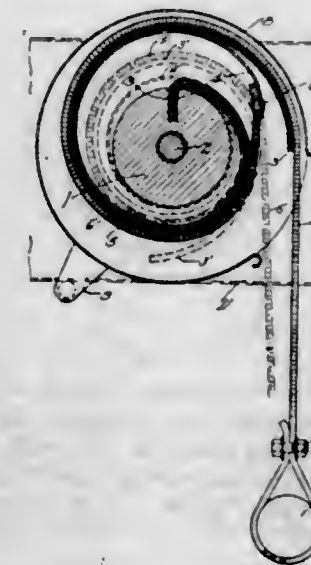
1,645,518. APPARATUS FOR EFFECTING A CONTINUOUS PREPARATION AND DELIVERY OF A CEMENTITIOUS MIXTURE. OTTO E. BORNHAUSER and JOHN EDWARD HERMAN, Sandusky, Ohio. Filed Feb. 16, 1927. Serial No. 168,535. 26 Claims. (Cl. 83—73.)



1. Apparatus for preparing and delivering a wet or moist cementitious mass for making building blocks, plaster-board, and other products, comprising a rotatably supported inclined drum which has a correspondingly inclined open-ended interior mixing chamber extending endwise of the drum and arranged to discharge at the lower end of the drum and adapted to receive water or liquid and solid matter at the upper end portion of the drum and having a surrounding wall which from end to end of the chamber is circular in cross-section and concentric in relation to the axis of the drum, and a bar constituting a scraper and spaced upwardly from the bottom and extending endwise of said chamber and arranged to effect the removal and precipitation, from said wall during the required rotation of the drum, of matter thrown by centrifugal force against or collecting on or

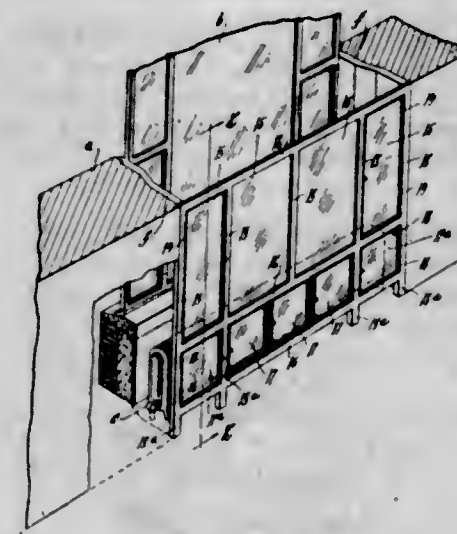
adhering or tending to adhere to said wall, said bar being nonrevolvable around the axis of the drum by and during the rotation of the drum and supported adjacent the upper and lower ends and externally of the drum.

1,645,519. SNUBBER FOR AUTOMOBILES. GEORGE HERMAN BUGENHAGEN, Minot, N. Dak. Filed June 9, 1925. Serial No. 35,944. 2 Claims. (Cl. 267—10.)



1. The combination in an automobile snubber, of two flat coil springs positioned one within the other in cylindrical contact, adjacent ends of one end respectively in a fixed position, the opposite ends free to move in a rotating direction, the inner coil spring held in bounds by the outer coil spring, a frictional web connected to the free end of inner, lighter coil spring and slidably mounted on the outer cylindrical surface of the outer, heavier coil spring; the other end of said web extended and connected to axle of vehicle snubbed.

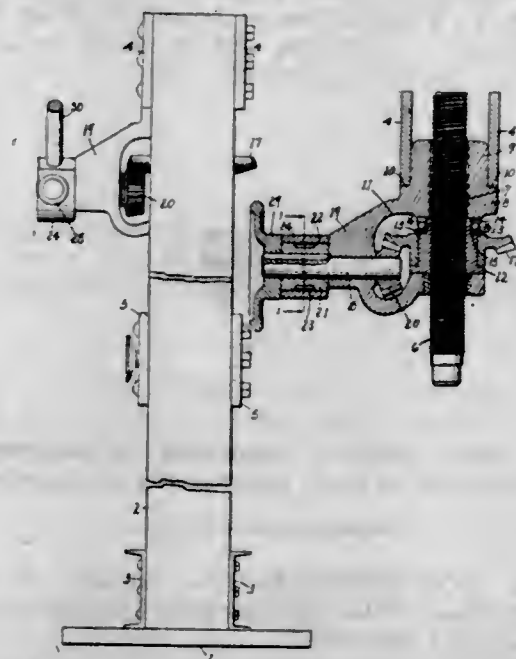
1,645,520. HOSPITAL OPERATING ROOM. PEARL M. BURGESS, Reading, Mass., assignor to Pearl M. Burgess and Joseph Blacher, doing business under the firm name of Burgess and Blacher, Boston, Mass. Filed Sept. 7, 1926. Serial No. 133,762. 2 Claims. (Cl. 72—16.)



1. A vertical semi-partition supported in an operating room adjacent a window and a radiator below the window, the lower edge of the partition being supported above the floor, to permit air to flow under the partition to the radiator, the height of the partition being

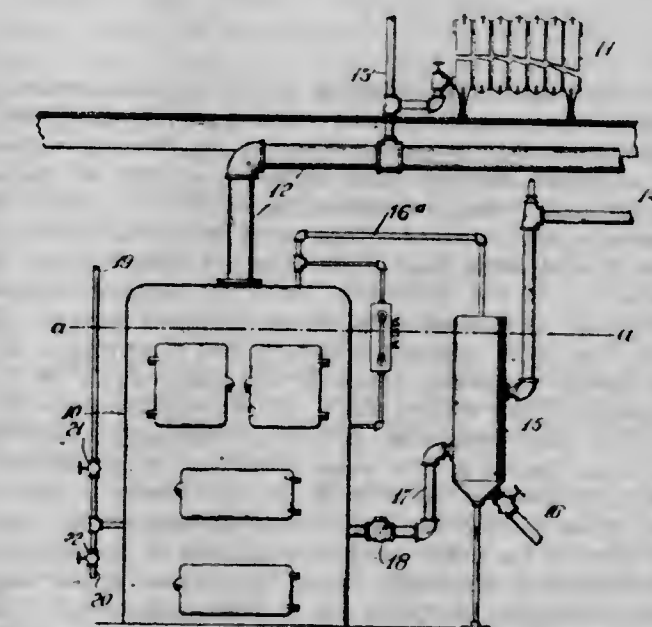
less than that of the room to permit air to flow from the radiator above the partition, the upper portion of the partition being of light-transmitting construction, while its lower portion includes movable sections normally closing said portion and displaceable to form openings therein permitting cleaning access to the radiator.

1,645,521. MANDREL PRESS. JAMES G. COLLINS, Kalamazoo, Mich., assignor to Atlas Press Company, Kalamazoo, Mich. Filed Dec. 11, 1925. Serial No. 74,805. 5 Claims. (Cl. 29—85.)



4. In a mandrel press, the combination of a frame, a threaded ram, a nut coaxing with said ram, a driving ratchet for said nut provided with cylindrical bearings at each side of its teeth, a pawl carrier rotatably mounted on said bearings and provided with a reversible pawl coaxing with said teeth and with a lever whereby the ratchet wheel may be driven in either direction.

1,645,522. STEAM-HEATING APPARATUS. FRANK J. DOUGLASS, Chicago, Ill. Filed June 1, 1926. Serial No. 112,852. 7 Claims. (Cl. 237—1.)



2. In a steam heating apparatus the combination of a radiating system having a return pipe, a boiler, a dirt trap, the upper end of which extends above the normal

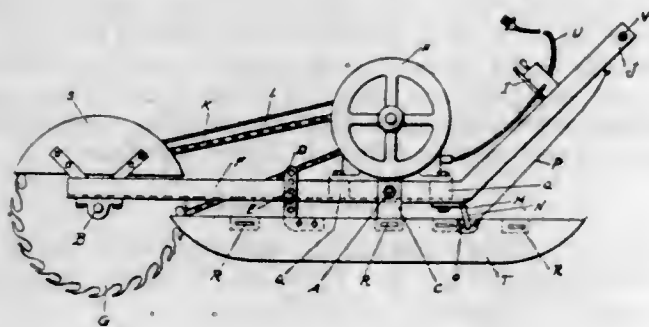
water level of the boiler, into which said return pipe discharges, and pipes connecting the dirt trap with the boiler at points above and below the normal water level in the boiler, whereby the water stands at the same level in the trap and boiler, the pipe connected with the boiler below the water level being connected with the trap at a point above the bottom thereof and below the normal water level therein and a valve in said last named pipe opening toward the boiler.

1,645,523. CRYSTAL DETECTOR OF ELECTRIC CURRENTS. HARRY MELVILLE DOWSETT, Colchester, England, assignor to Radio Corporation of America, New York, N. Y., a Corporation of Delaware. Filed Dec. 18, 1920, Serial No. 431,800, and in Great Britain Feb. 14, 1920. 2 Claims. (Cl. 250—31.)



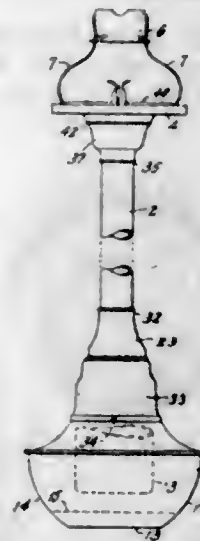
1. A crystal detector comprising in combination a crystal embedded in steel, substantially as described.

1,645,524. ICE-HOUSE PLOW. EUGENE B. FISKE, Saugus, Mass. Filed Apr. 16, 1925. Serial No. 23,648. 1 Claim. (Cl. 262—20.)



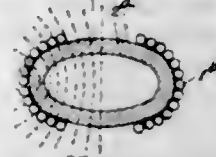
An ice house plow including a pair of spaced runners, a cross beam connecting the runners intermediate their respective ends, standards mounted on the cross beam and centered between said runners, a pair of spaced parallel angle beams extending longitudinally between the standards with their forward ends in advance of the runners and their rear ends disposed upwardly at an inclination to the horizontal, each of said angle beams presenting a vertical side flange disposed against the inner face of an adjacent standard and a horizontal bottom flange extending inwardly at right angle to the standard, a transverse pivot rod having its ends supported in said standards, said rod extending through the said side flanges of the angle beams at points substantially intermediate the ends of the said beams, a pair of cross pieces joining the angle beams on respectively opposite sides of the pivot rod and supported on the said bottom flanges of the angle beams, said cross pieces being equidistant from the pivot rod, a motor supported on the cross pieces and centered over the pivot rod, a handle brace connecting the upwardly disposed rear ends of the angle beams, a saw centered between the forward ends of the angle beams, and a driving connection from the said motor to the said saw.

1,645,525. SMOKER'S STAND. ROBERT G. FLAMING, Bloomfield, N. J., assignor to Smokador Manufacturing Co., Inc., New York, N. Y., a Corporation of Delaware. Filed June 28, 1926. Serial No. 117,975. 20 Claims. (Cl. 131—51.)



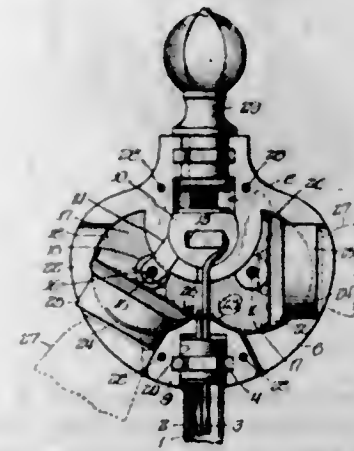
5. A device of the character described including, in combination, a receptacle of frangible material, and a stand in which said receptacle is removably encased having a removable waste conducting tube with which said receptacle communicates and to which said receptacle is detachably affixed.

1,645,526. HIGH-FREQUENCY ELECTRIC FURNACE. FELIX GERTH, Berlin-Tempelhof, Germany, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Filed Mar. 24, 1926, Serial No. 96,942, and in Germany Mar. 30, 1925. 2 Claims. (Cl. 204—64.)



1. A high frequency electric furnace of the character described comprising in combination a crucible, and a heating coil embracing the crucible and wound so that at least certain of its turns decrease in diameter, rendering it conformatory in contour to the contour of the crucible, whereby marginal dispersion or fringing of the magnetic field is minimized and the number of lines of force permeating the crucible and producing the heating action is increased.

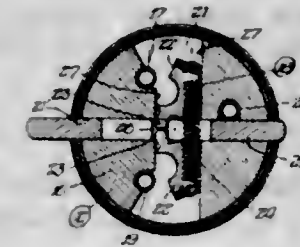
1,645,527. ADJUSTABLE LIGHT-HOLDING MEANS. DAVID D. GORDON and WILLIAM LINDSAY, Chicago, Ill., assignors to Economy Fuse and Manufacturing Company, Chicago, Ill., a Corporation of New York. Filed June 8, 1925. Serial No. 35,506. 12 Claims. (Cl. 173—336.)



11. A lamp holding device including electrical contact means having an arcuate surface, a socket capable of

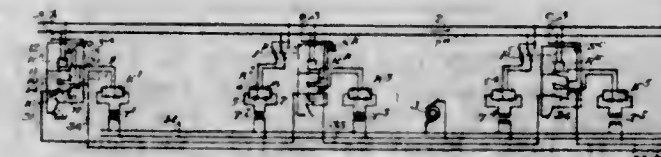
a movement of translation and having a portion adapted to engage said arcuate surface, and an electrical contact member arranged along the axis of said arcuate surface.

1,645,528. ELECTRIC SWITCH. DAVID D. GORDON, Chicago, Ill., assignor to Economy Fuse and Manufacturing Company, Chicago, Ill., a Corporation of New York. Filed Feb. 15, 1926. Serial No. 88,178. 4 Claims. (Cl. 200—67.)



1. In switch mechanism, in combination, a pair of contact members having rolling contact with each other, a biasing spring adapted to hold said contact members selectively on one side or the other of the region of rolling contact between said contact members, and means for positively moving said region of rolling contact relative to the line of action of said spring.

1,645,529. RAILWAY-TRAFFIC-CONTROLLING APPARATUS. LARS O. GRONDAHL, Pittsburgh, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a Corporation of Pennsylvania. Substitute for application Serial No. 590,856, filed Sept. 27, 1922. This application filed Apr. 15, 1924. Serial No. 706,664. 35 Claims. (Cl. 246—34.)



1. The method of converting a direct current railway traffic controlling system into a system using alternating current energy which consists in replacing the batteries by sources of alternating current and rectifiers each rectifier comprising a body consisting of a metal having an electronically conducting compound of the metal formed thereon and integral therewith, said body constituting in and by itself a uni-directional current carrying device.

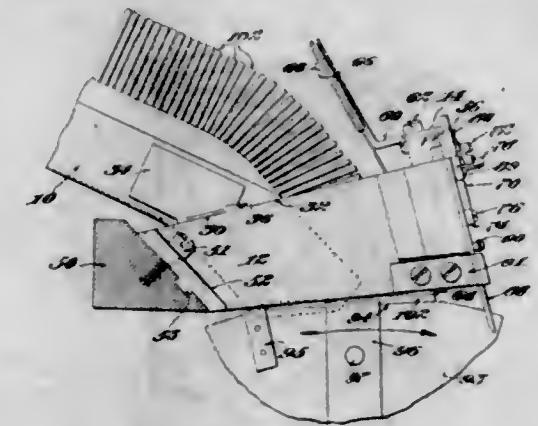
1,645,530. PROCESS OF REFINING MINERAL OILS. THEODOR HELLTHALER, Granschutz, Germany, assignor to the Firm: Hugo Stinnes Riebeck Montan und Ölwerke Akt. Ges., Halle-on-the-Saale, Germany. Filed Aug. 1, 1925, Serial No. 47,608, and in Germany Dec. 3, 1924. 3 Claims. (Cl. 196—44.)

1. The process of refining mineral oils consisting in treating the oils with tin tetrahalogenides precipitated upon solid, finely distributed carriers.

1,645,531. LIFT MAGAZINE FOR HEEL-BUILDING MACHINES. LESLIE A. HOLMAN, Waltham, Mass. Filed Jan. 12, 1926. Serial No. 90,901. 21 Claims. (Cl. 271—41.)

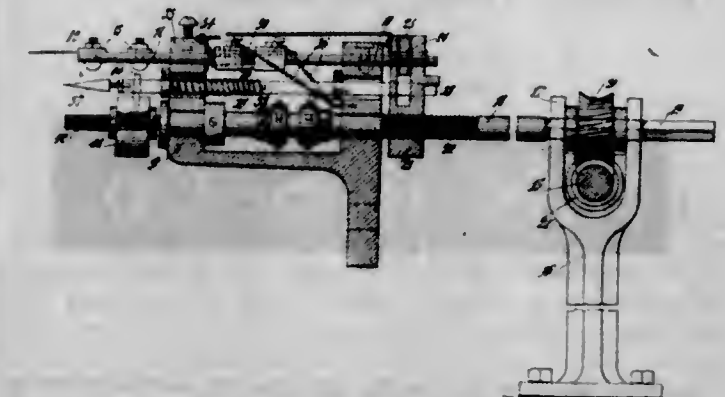
1. A magazine for heel building machines, comprising a trough made up of two co-operating members right-angled

in cross section, means for holding said two members in an inclined position, means for adjusting the distance be-



tween said two members to accommodate lifts of various widths and a gate mounted on the lower ends of said two members for delivering heel lifts one at a time.

1,645,532. NEEDLE MECHANISM. WALTER HUELLER, Union, N. J. Filed May 26, 1923. Serial No. 641,592. 8 Claims. (Cl. 112—93.)

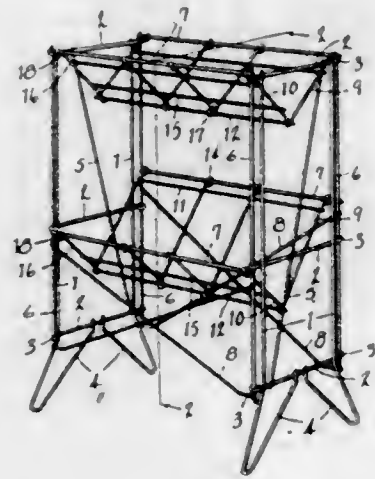


1. In combination with the reciprocating needle carriage of an embroidery machine and means for reciprocating said carriage, a series of spaced needle carrying rods mounted upon the carriage for independent axial movement, means yieldingly holding said rods normally in a retracted position on the carriage, means for selectively moving said needle carrying rods to cause a stitch forming operation of the needles thereon in the reciprocating movement of the carriage, said means including a holder for interchangeable pattern plates, movable with the carriage and independently thereof, and an actuating member for said holder also mounted in said carriage and movable therewith.

1,645,533. RACK. CHARLES H. JARVIS, Battle Creek, Mich., assignor to United Steel & Wire Company, Battle Creek, Mich. Filed Jan. 26, 1927. Serial No. 163,856. 3 Claims. (Cl. 211—14.)

1. In a collapsible rack, the combination of end members comprising uprights and cross pieces secured to said uprights and provided with horizontally disposed eyes, side members comprising end uprights pivotally engaging the said eyes and longitudinal pieces connecting said uprights, and shelves comprising inner sections pivotally mounted on the longitudinal pieces of one side member and outer sections pivotally mounted on the swinging ends of the inner sections and provided with hooks adapted to be detachably engaged with the longitudinal members of

the other side member providing V-shaped shelves when erected, said shelves being adapted to swing down against the side member to which the inner sections are pivotally



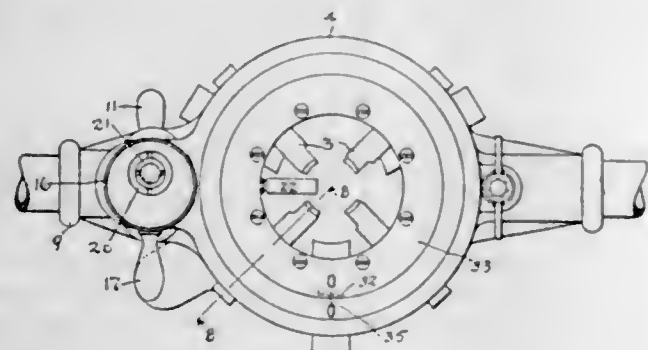
connected when the outer sections are disengaged from the other side member, thereby permitting the collapsing of the rack.

1,645,534. PROCESS FOR FORMING DESIGNS. ORLO W. JUDKINS, Grand Rapids, Mich., assignor to H. M. Reynolds Shingle Company, Grand Rapids, Mich., a Corporation of Michigan. Filed Mar. 30, 1927. Serial No. 179,416. 8 Claims. (Cl. 41—36.)



1. The process of forming designs on a substance capable of being made plastic by heat, which consists in heating sufficiently to render plastic such area only of said substance as defines the design and then applying to and embedding in said plastic area granulated material contrasting in appearance with the remaining area of said substance.

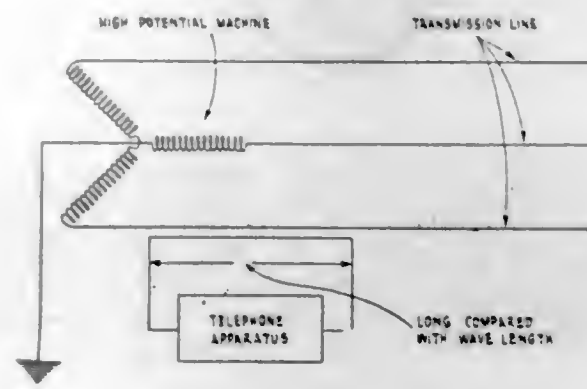
1,645,535. PIPE-THREADING DIESTOCK. TIMOTHY KELLACKY, Cleveland, Ohio. Filed Aug. 8, 1924. Serial No. 730,820. 2 Claims. (Cl. 10—96.)



1. In a die stock, the combination of a die head, a plurality of dies radially movable in said head, means normally maintaining said dies in operative position in

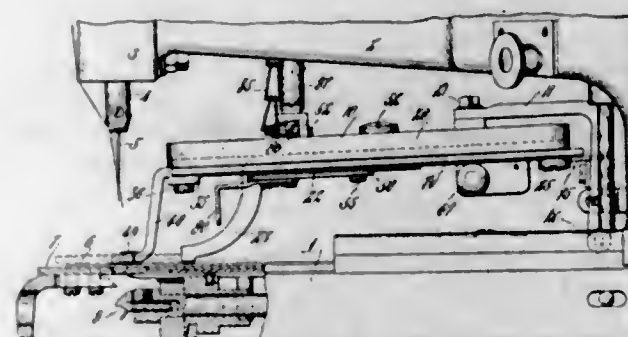
engagement with a blank, said means including a rotatable ring engaging said dies and having an opening therein, a cam mounted in such opening, and means operable by a blank within said dies for causing actuation of said cam to move said ring.

1,645,536. ARRANGEMENT FOR COUPLING HIGH-FREQUENCY APPARATUS TO POWER-TRANSMISSION LINES. MICHAEL LOCK, Berlin, Germany, assignor to Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a Corporation of Germany. Filed July 17, 1924. Serial No. 726,617, and in Germany Aug. 11, 1923. 2 Claims. (Cl. 179—2.)



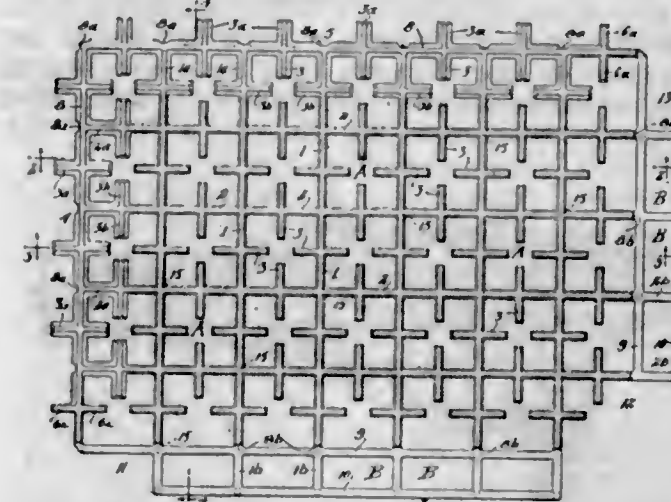
1. Arrangement for coupling high frequency apparatus to a transmission line comprising a transmission line, high frequency apparatus, a conductor forming a closed circuit with said apparatus and extending in part parallel to a conductor of said transmission line for a distance which is large compared to the wave length of said apparatus.

1,645,537. BUTTON CLAMP. ROBERT L. LYONS, Waltham, Mass., assignor to Frederick Osann Company, New York, N. Y., a Corporation of New York. Filed Dec. 11, 1924. Serial No. 755,175. 14 Claims. (Cl. 112—114.)



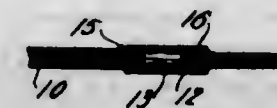
1. In combination with a button sewing machine having a frame, a sewing arm overhanging said frame, sewing instrumentalities carried at the free end of said arm, a member pivotally supported adjacent to the rear end of said arm, and a button clamp carried by said member, said button clamp comprising a pair of opposed button-clamping jaws pivotally mounted adjacent to the pivotal mounting of said member and having button-engaging faces positioned to hold a button in operative relation to said instrumentalities.

1,645,538. FLOOR GRID. ANGUS S. MACDONALD, Great Neck, N. Y., assignor to Sneed & Company, a Corporation of New Jersey. Filed July 1, 1924. Serial No. 723,440. 9 Claims. (Cl. 94—8.)



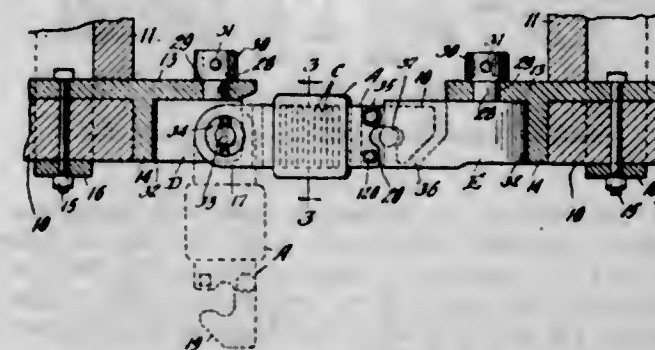
4. A floor grid comprised of intersecting bars providing pockets, each bar being provided with flanges extending into the pocket but terminating short of the center thereof.

1,645,539. INSULATED-CONDUCTOR TERMINAL. EDWARD A. MAU, New Haven, Conn., assignor to Rockbestos Products Corporation, New Haven, Conn. Filed July 15, 1922. Serial No. 575,266. 6 Claims. (Cl. 173—269.)



1. A device of the kind described which comprises a metal wire having an insulating covering, a metallic plate crimped around the end portion of said insulating covering to form a conical tip exposing the end of said wire, and a connector member having a socket receiving said tip and soldered to the end of said wire.

1,645,540. RESILIENT SHACKLE FOR MINE CARS. JOHN F. O'CONNOR, Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc., a Corporation of Delaware. Filed Sept. 26, 1923. Serial No. 664,890. 9 Claims. (Cl. 213—12.)

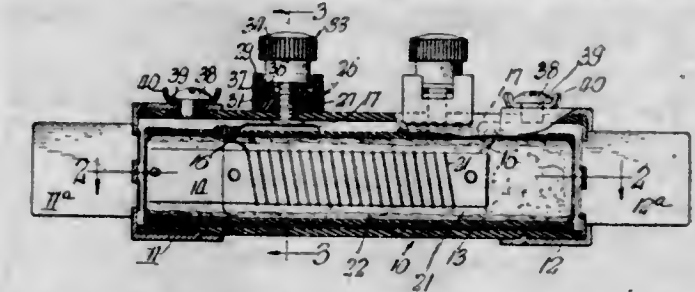


1. In a resilient shackle for mine cars, the combination with a pair of relatively movable yokes; of resilient means opposing relative movement of said yokes; means for pivotally connecting one end of both of said yokes to a car; and means for detachably connecting the opposite end of one yoke to another car.

1,645,541. FUSE. ELMER L. OGLE, Chicago, Ill., assignor to Federal Electric Company, Chicago, Ill., a Corporation of Illinois. Filed Nov. 9, 1923. Serial No. 673,653. 1 Claim. (Cl. 173—259.)

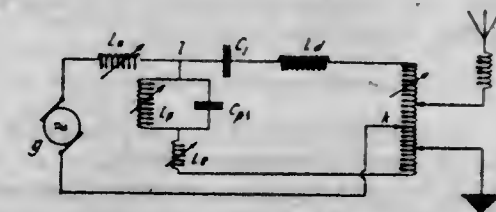
A terminal connection for an electric fuse comprising a thimble of insulation material having an apertured bottom wall concave on its bottom face to fit the body of the fuse and flat on its top face, a threaded pin extending through the body of the fuse and through said apertured

bottom wall, said pin having a head engaged against the inner surface of the body of the fuse, a flat disc-like member operatively connected to the pin and engaged with the top face of said bottom wall of said thimble, the wall of said thimble above said bottom wall having diametrically disposed slots located in a plane which is at right angles



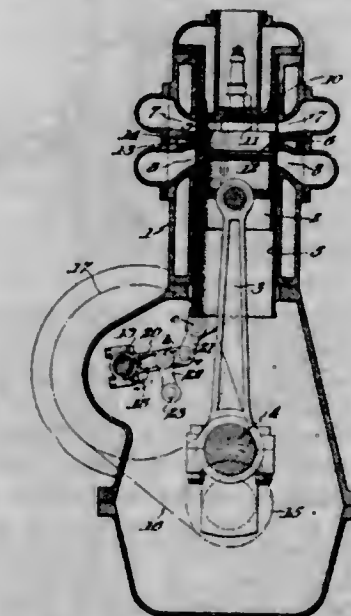
to the central axis of the concave bottom face of said thimble, and a thumb nut having a body of insulation material adapted to fit within said thimble and being greater in height than the height of the wall of said thimble above its bottom wall, said thumb nut having an internal metal threaded sleeve adapted to engage upon the outer end of said pin.

1,645,542. CIRCUIT ARRANGEMENT FOR HIGH-FREQUENCY SENDING STATIONS. MENDEL OSNOS, Berlin, Germany, assignor to Gesellschaft für Drahtlose Telegraphie m. b. H. Hallesches, Berlin, Germany, a Corporation of Germany. Filed Dec. 27, 1922. Serial No. 609,215, and in Germany Feb. 11, 1922. 2 Claims. (Cl. 250—17.)



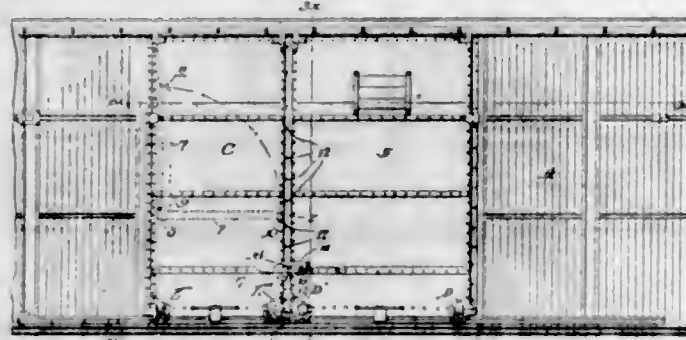
1. A circuit arrangement for high frequency sending stations comprising a generator, a saturated iron core choke coil and a first inductance connected in series with said generator, a closed circuit comprising a second inductance and a condenser, a third inductance connected in series with said closed circuit to form a trap circuit, said trap circuit being connected in parallel with said generator, and an antenna coupled with said first inductance.

1,645,543. INTERNAL-COMBUSTION ENGINE. ALLEN J. PATCH, Ripon, Wis. Filed Aug. 10, 1926. Serial No. 128,447. 22 Claims. (Cl. 123—75.)



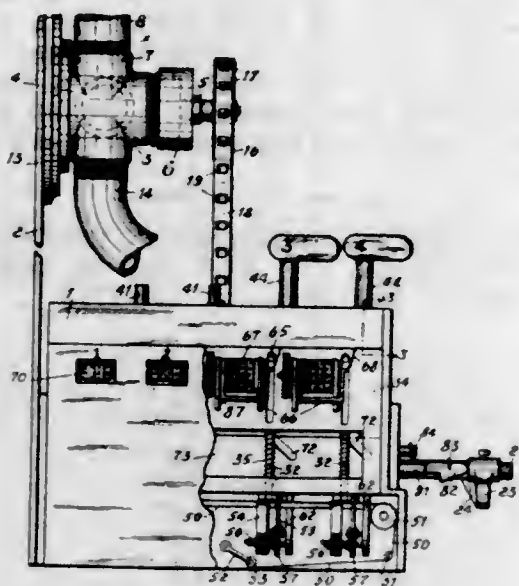
1. In an internal combustion engine having admission and exhaust ports through its wall, a slide valve controlling said ports, and a simple crank and linkage giving said valve an interrupted reciprocatory motion.

1,645,544. AUXILIARY DOOR FOR FREIGHT CARS. EDWARD POSSON, Chicago, Ill., assignor to Camel Company, Chicago, Ill., a Corporation of Illinois. Filed May 9, 1923. Serial No. 637,688. 2 Claims. (Cl. 20-22.)



1. In a railway car, in combination, a door, a fixed post past which the door slides in opening and closing, a movable post mounted upon and traveling with said door, guide means cooperating directly with said movable post to hold said post at its top and bottom against movement transversely of said car, a swinging strut having one end secured against displacement at an intermediate point on the fixed post and adapted to be swung into horizontal position across said door into abutting relationship with said movable post, and means upon said movable post for holding the swinging end of said strut against movement transversely of said car, whereby said strut may serve as a horizontal rail between said posts to brace said car against shifting lading within said car.

1,645,545. LIQUID-DISPENSING APPARATUS. OTTO SEKINGER, Zurich, Switzerland, assignor to Altorfer, Lehmann & Cie. Zentralheizungsfabrik, Zofingen, Switzerland, a firm. Filed Oct. 19, 1923. Serial No. 669,481. 14 Claims. (Cl. 221-99.)

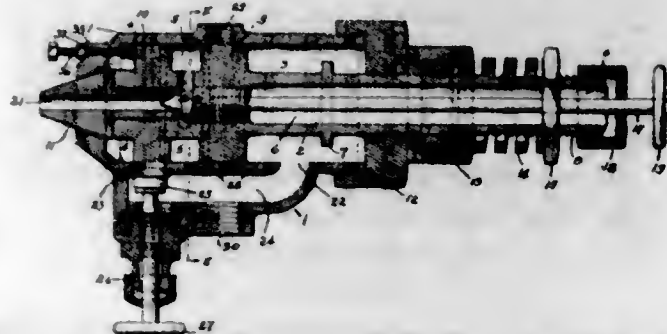


1. In a dispensing apparatus, a key actuable locking and releasing mechanism comprising a locking rod, a reciprocating bar having an oblique slot opening through one of its edges, a second reciprocating bar in operative relation to the first-mentioned bar and having a vertical notch opening through one of its edges and formed to provide a barbed hook, a spring controlling the second-mentioned bar, and a projection on the rod arranged for coaction with said slot and notch in said bars.

4. In a dispensing apparatus, locking and releasing mechanism comprising a locking rod, a pair of reciprocating bars, means for shifting said bars in one direction on an operative movement of the locking rod, means for shifting one bar in the opposite direction with regard to

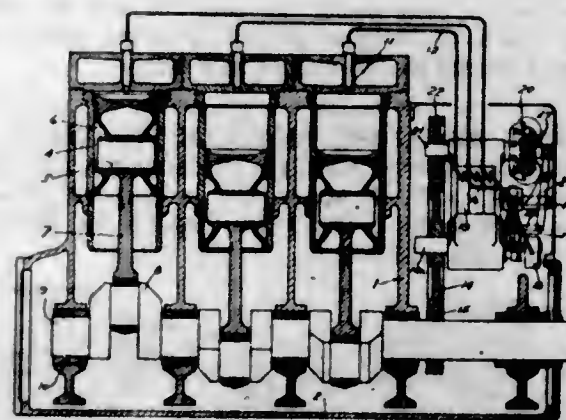
the other bar when said bars are in the first-named shifting position, an operating device, and means actuated by said device for shifting the second-named bar back to its normal position.

1,645,546. OIL BURNER. PARMLEY H. RYDER and CHARLES W. MOORE, Bucyrus, Ohio, assignors to Smokeless Oil Burner Company, a Corporation of Ohio. Filed June 22, 1922. Serial No. 570,198. 9 Claims. (Cl. 158-75.)



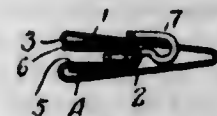
1. In an oil burner the combination with a casing, a piston having a head movable within said casing, a pressure chamber and a steam chamber separated by said head, means for supplying steam to said chambers, a fuel inlet in said casing, a fuel outlet nozzle in said head, means for normally maintaining said inlet and outlet in communication, said piston being operable to cut off said communication when a predetermined pressure is created in said pressure chamber.

1,645,547. METHOD OF AND APPARATUS FOR DELIVERING MEASURED CHARGES. HAROLD F. SHEPHERD, Toledo, Ohio, assignor to The Kent-Owens Machine Company, Toledo, Ohio, a Corporation of Ohio. Filed June 15, 1925. Serial No. 37,400. 6 Claims. (Cl. 123-140.)



1. The method of delivering measured quantities of fluids to receiving instruments which consists in delivering fluid to a pulsating pump chamber during the forcing contraction of said chamber and varying the charge by varying the point in the contraction of the chamber at which the chamber is filled.

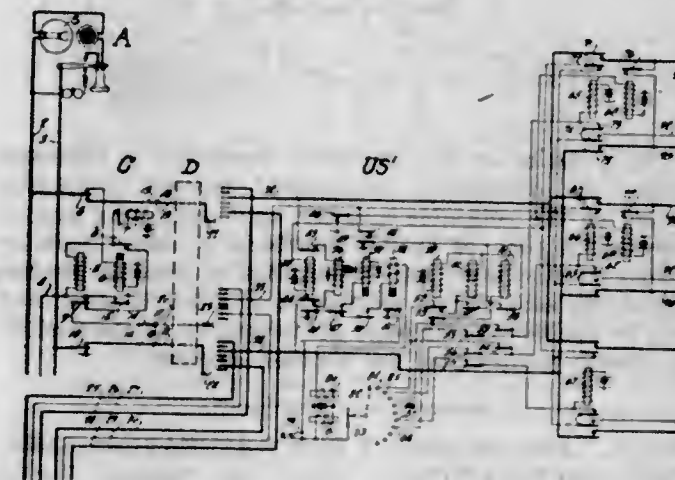
1,645,548. HOOK-AND-EYE TAPE. DAVID SILBERMAN, New York, N. Y. Filed Feb. 23, 1927. Serial No. 170,246. 2 Claims. (Cl. 2-265.)



2. A hook and eye tape comprising a strip of woven fabric folded on itself to form the first and second plies, the free edge of the first ply being folded inwardly to form the third ply and then outwardly to form the fourth ply,

the free edge of the second ply being folded inwardly to form the fifth ply and then outwardly to form the sixth ply, the fifth and sixth plies lying between the third and fourth plies and a fastening member comprising an engaging portion and a base portion extending through the first ply and through the fold between the third and fourth plies and the fold between the fifth and sixth plies with the base lying within said plies and the engaging portion exposed on the face of the first ply.

1,645,549. MULTIOFFICE AUTOMATIC TELEPHONE SYSTEM. ARTHUR BESSER SMITH, Evanston, Ill., assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill., a Corporation of Delaware. Filed May 8, 1922. Serial No. 559,337. Renewed Sept. 7, 1926. 31 Claims. (Cl. 179-18.)



1. In a telephone system, a switching device having a wiper associated therewith, a bank of contacts accessible to said wiper, a plurality of relays, each of a plurality of said contacts being connected to one of said relays, means responsive to impulses representing part of a telephone number for energizing one of said relays by moving said wiper into engagement with the bank contact associated therewith, a cut off relay, means for energizing said cut off relay whenever any one of the first mentioned relays is energized, and means controlled by said cut off relay for disconnecting each of said first mentioned relays from its associated bank contact.

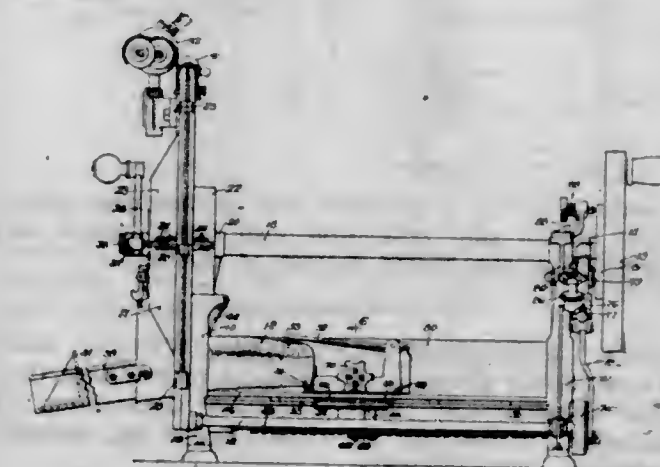
1,645,550. AUTOMATIC OBTURATOR FOR THE SUPPLY PIPE FOR BURNERS. CHARLES M. STEIN, Paris, France. Filed May 11, 1922. Serial No. 560,152, and in France May 14, 1921. 7 Claims. (Cl. 137-162.)



7. A device for preventing the passage of flame through a pipe comprising a closure for the pipe, an electrically actuated instrument normally holding the closure in in-

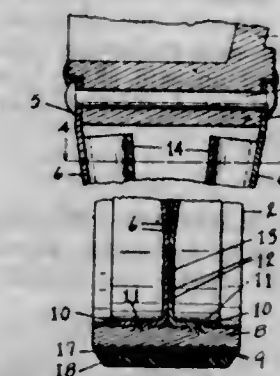
operative position and a combustible member situated within the pipe to burn upon contact with the flame to cause a change in the electrical conditions of the instrument, thereby to allow the closure to close the pipe.

1,645,551. BREAD SLICER. HENDRIK STUKART, La Porte, Ind., assignor to U. S. Slicing Machine Company, La Porte, Ind., a Corporation of Indiana. Filed Jan. 8, 1923. Serial No. 611,217. 17 Claims. (Cl. 146-103.)



1. A slicing machine having a slideway for the material to be sliced provided with a centrally disposed slot in the bottom thereof, a follower for advancing material along said slideway, supporting means for said follower extending through said slot, a guide for said supporting means beneath said slideway and at one side of said slot, and a feed screw positioned beneath said slideway and at one side of said slot.

1,645,552. BAND-SAW WHEEL. CARL E. TANNEWITZ, Grand Rapids, Mich. Filed Aug. 6, 1926. Serial No. 127,584. 4 Claims. (Cl. 143-30.)

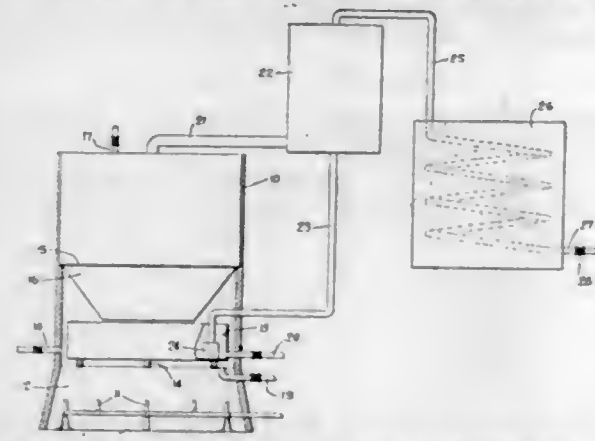


1. The combination with a band saw, of a pair of coacting wheels each comprising a hub, a metal rim, a pair of outwardly converging disks mounted upon said hub and having outturned flanges at their outer edges fitting within and spot welded to the inner side of said rim, said disks having annular portions adjacent their flanges disposed in parallel contacting relation and secured together by spot welding, and radially disposed reinforcing members of channel cross section disposed on the inner side of the disks and having laterally projecting flanges secured to the disks by spot welding, said reinforcing members being tapered outwardly until the channels thereof merge into their said flanges.

1,645,553. TREATING HYDROCARBONS. RENE DE M. TAVEAU, Elizabeth, N. J., assignor, by mesne assignments, to The Texas Company, New York, N. Y., a Corporation of Delaware. Filed Mar. 18, 1923. Serial No. 628,525. 2 Claims. (Cl. 196-54.)

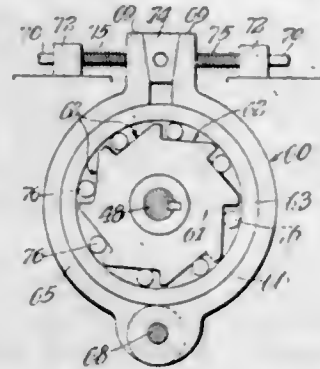
1. The process of converting higher boiling hydrocarbons into lower boiling ones that comprises maintain-

ing a body of oil in a still and applying heat to the bottom of the still to heat the oil to a vaporizing tempera-



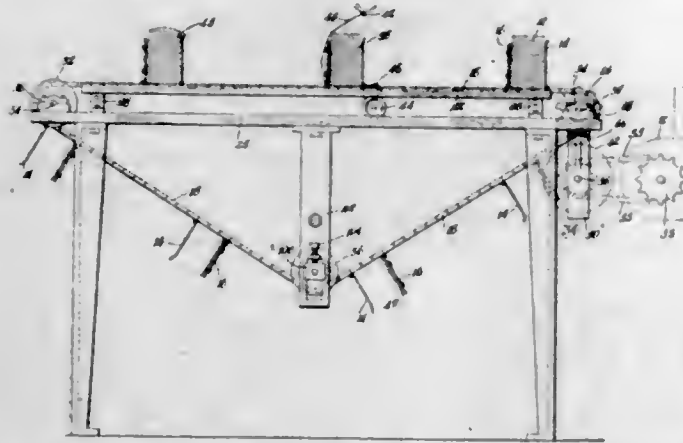
ture while retaining a quiescent pool of aluminum chlorid material within said still, said pool being spaced and separated from the heated bottom of the still.

1,645,554. PORTABLE ELEVATOR. WILLIAM JOHN TAYLOR, North Chicago, Ill., assignor to Standard Conveyor Company, St. Paul, Minn., a Corporation of Minnesota. Filed Oct. 22, 1923. Serial No. 669,938. 3 Claims. (Cl. 188-81.)



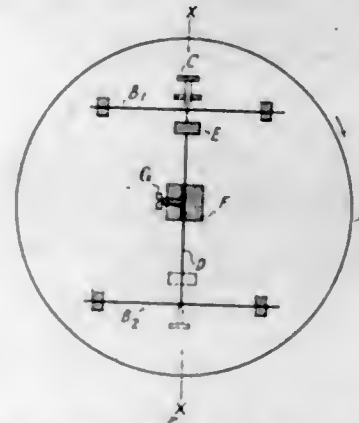
1. In combination, a brake drum, brake means for holding the drum against rotation, said brake means having projecting lugs with opposed cam surfaces, a shaft extending loosely through said projecting lugs, and a brake controlling cam mounted on said shaft between the projecting lugs and having cam surfaces cooperable with the cam surfaces of said lugs.

1,645,555. FEEDING MACHINE. WILLIAM E. TAYLOR, Bloomfield, and ZIGMUND HOFFMAN, East Orange, N. J. Filed Nov. 23, 1922. Serial No. 602,687. 7 Claims. (Cl. 93-93.)



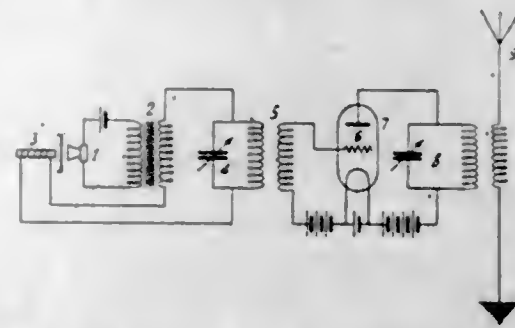
1. Apparatus of the type described which comprises, means for receiving and holding groups of articles in a compacted form suitable for binding in packages, said means comprising a pair of spaced uprights and a resiliently pressed upright therebetween, means for banding said groups in packages, and means for intermittently moving said packages in a continuous path to cause said groups to pause in position for banding and to thereafter continue in an unchanged direction on their paths.

1,645,556. SPEED GOVERNOR. GEORG VON ARCO, Berlin, Germany, assignor to Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a Corporation of Germany. Filed May 29, 1924. Serial No. 716,532, and in Germany June 12, 1923. 14 Claims. (Cl. 200-80.)



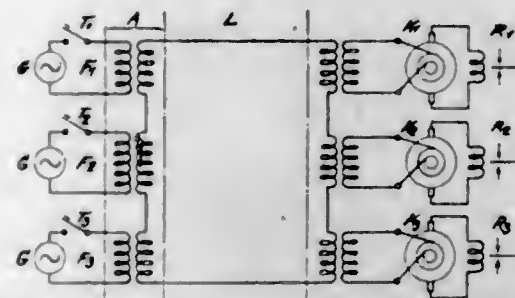
2. In a device of the character described, a rotatable member, an oscillating mechanical system resiliently mounted on the rotatable member, said oscillating system comprising a pair of spring members, a radial member mounted therebetween and a plurality of unequal masses mounted on said radial member, a contact element and means to control the amount of movement of the oscillation system relative to the contact element.

1,645,557. ARRANGEMENT FOR GENERATING ELECTRIC OSCILLATIONS. OTTO VON BRONK, Berlin, Germany, assignor to Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, a Corporation of Germany. Filed Feb. 26, 1924. Serial No. 695,158, and in Germany Mar. 10, 1923. 4 Claims. (Cl. 250-36.)



4. Means to generate a radio frequency under audible control comprising a microphone-buzzer tuned to an audio frequency, and a resonant circuit tuned to a radio frequency harmonic of the audio frequency connected in the microphone-buzzer circuit.

1,645,558. MULTIPLEX ALTERNATING-CURRENT TELEGRAPHY. JOHANNES VOPEL, Berlin-Marliendorf, Germany, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Filed Sept. 15, 1924. Serial No. 737,766, and in Germany Sept. 24, 1923. 5 Claims. (Cl. 178-52.)



1. In a system for simultaneously transmitting several messages over one connecting line by means of two alternating currents of equal frequency and phase dis-

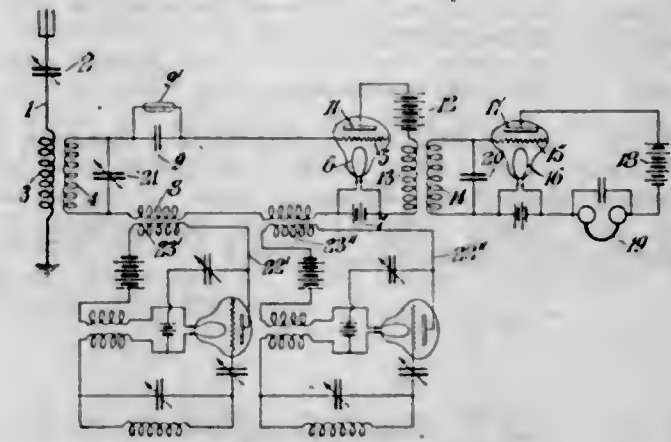
placement of 90° with respect to each other and for separating these currents in the receiving station, the combination of a mechanical commutating device in the receiving system for each signaling current transmitted and means to operate said commutating devices synchronously and in like phase relationship with the transmitter at the sending system generating the respective signaling currents, said commutating devices being so arranged as to commutate only their own particular signaling current.

1,645,559. OIL BURNER. HARRY R. WALKER, St. Louis, Mo. Filed Jan. 26, 1925. Serial No. 4,737. 12 Claims. (Cl. 158-77.)



1. An oil burner comprising an oil chamber, a fire pot above and opening into said chamber, a wall within the fire pot having its lower edge above the bottom of the fire pot, a rotor in said chamber having its periphery above the plane of the lower edge of said wall in the fire pot, means for admitting air between said wall and the wall of the fire pot, and means for conducting air into said chamber.

1,645,560. WIRELESS-TELEGRAPH RECEIVING APPARATUS. ROY A. WEAGANT, New York, N. Y., assignor to Radio Corporation of America, a Corporation of Delaware. Filed Apr. 14, 1920. Serial No. 373,929. Renewed Apr. 1, 1927. 5 Claims. (Cl. 250-8.)

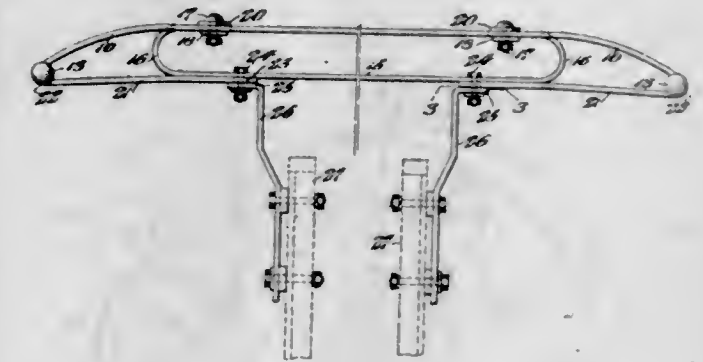


1. The method of receiving radio signals which consists in generating in a circuit an electric motive force of the signal frequency, generating in said circuit two local electro motive forces of frequencies differing widely from the signal frequencies and differing from each other by an audible frequency and causing a component of the current resulting from said electro motive forces to operate a receiving device.

1,645,561. VEHICLE BUMPER. ALFRED WEILAND, Neshanic, N. J., assignor to Sheldon Axle and Spring Company, Wilkes-Barre, Pa., a Corporation of Pennsylvania. Filed Feb. 27, 1926. Serial No. 91,105. 5 Claims. (Cl. 293-55.)

4. A bumper comprising impact bars having rearwardly curved ends terminating in eyes respectively, pivot bolts connecting adjacent eyes, a re-enforcing bar spaced rearwardly from said impact bars and having yielding con-

nection with said impact bars, means for supporting said re-enforcing bar from the frame of a vehicle, and lateral thrust receiving members interposed respectively



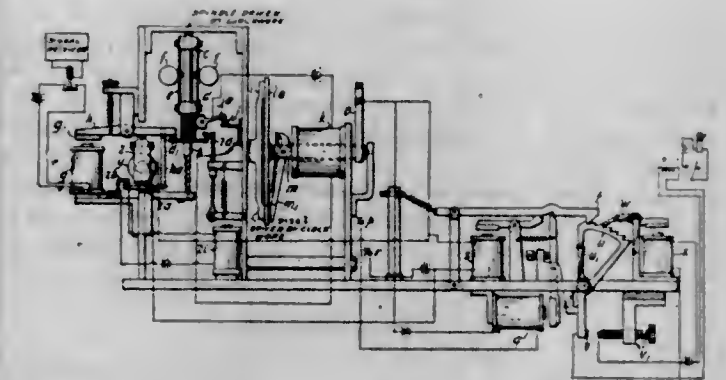
between said pivot bolts and said supporting means, said members having lost motion connections respectively with said supporting means.

1,645,562. BUMPER CONSTRUCTION. ALFRED WEILAND, Neshanic, N. J., assignor to Pneumatic Appliances Corporation, New York, N. Y., a Corporation of Delaware. Filed Mar. 18, 1926. Serial No. 95,635. 2 Claims. (Cl. 293-55.)



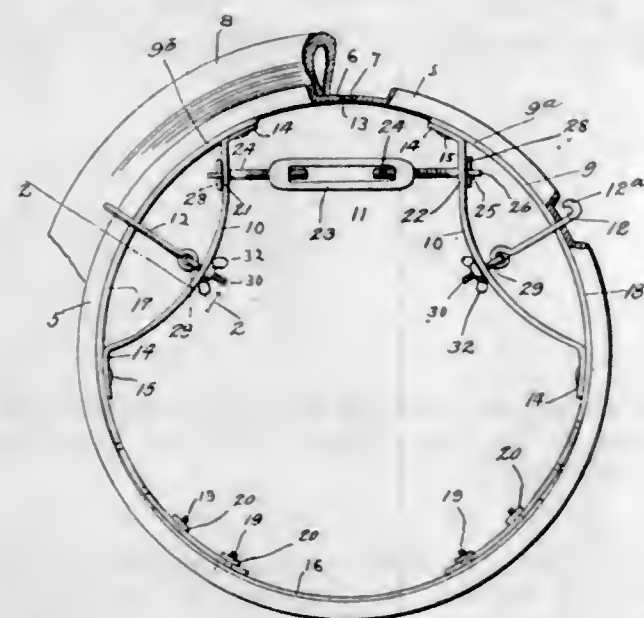
1. In a bumper construction, an impact bar, a rear bar, cushioning elements projecting beyond the respective ends of said impact bar and said rear bar and molded with seats to receive the respective ends of said bars, and means to fasten said elements to said bars.

1,645,563. ELECTRIC CALLING DEVICE. ARTHUR WILLIAM WHISTLECROFT, London, England, assignor to Radio Corporation of America, a Corporation of Delaware. Filed June 12, 1922. Serial No. 567,544, and in Great Britain June 13, 1921. 9 Claims. (Cl. 177-353.)



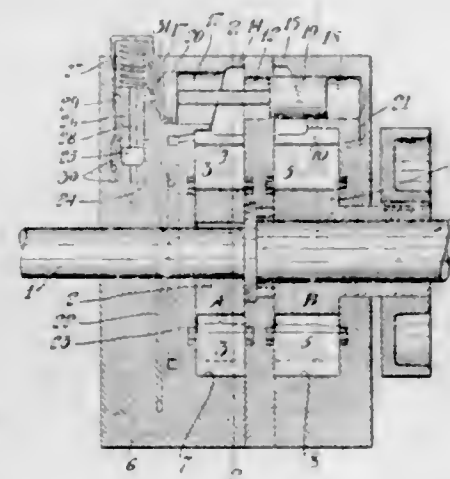
1. In a calling device adapted to be operated by a given number of signals of a given length, the combination of means for preventing signals shorter than a predetermined length from affecting the said calling device, means for storing up the calling signals until the required number has been received, means for giving an alarm upon the receipt of the required number of calling signals, and means for preventing signals longer than the predetermined length from affecting the storing mechanism.

1,645,564. DEVICE FOR EXPANDING AND CONTRACTING SPLIT RIMS. FRANK R. WHITE and CHANCE LUM, Columbia, N. Y.; said White assignor to said Lum. Filed Jan. 11, 1926. Serial No. 80,491. 1 Claim. (Cl. 157-1.)



In a device for expanding and contracting split rims for automobile tires, the combination of a nearly complete slightly resilient ring adapted to fit within the rim with its ends spaced from the split in the rim, a bow-shaped bracket near each end of said ring connected at both its extremities to said ring and projecting from the inner side thereof, a hook connected at its base to each bracket intermediate its extremities and adapted to be hooked against the outer face of the opposite portion of the rim and screw-threaded means connecting the brackets across the interruption in the ring and adapted to expand and to contract the ring and a rim thereon.

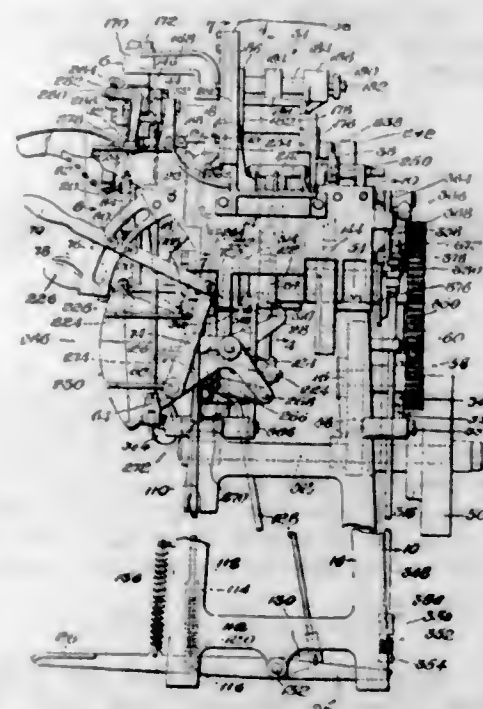
1,645,565. HYDRAULIC COUPLING AND CHANGE-SPEED GEAR. SVEN GUSTAF WINGQUIST, Gottenborg, Sweden. Filed July 23, 1924, Serial No. 727,889, and in Sweden Aug. 8, 1923. 12 Claims. (Cl. 192-58.)



1. A hydraulic coupling and change speed gear having at least two pumping stages and provided with pressure-sensitive main valve means for controlling the flow of fluid between said stages, a control piston having opposed pressure-sensitive surfaces and connected to said main valve means, and auxiliary valve means, sensitive to fluid pressure and centrifugal force, and adapted in one position to connect a surface of said control piston with a pressure chamber of the gear, and in the other position to connect said surface with the suction or idle

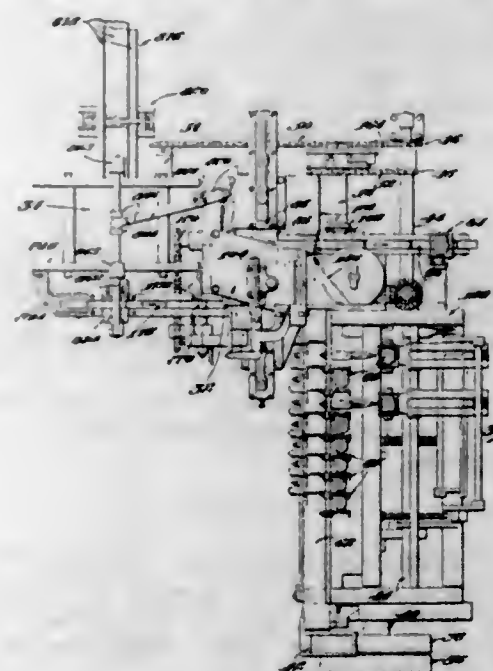
fluid chamber of the gear whereby the position of the main valve and its control piston is hydraulically determined in accordance with the piston of the auxiliary valve.

1,645,566. MACHINE FOR OPERATING UPON SHOE BOTTOMS. ERASTUS E. WINKLEY, Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Nov. 23, 1918. Serial No. 263,894. 71 Claims. (Cl. 12-17.)



1. A machine for operating upon a lasted shoe provided with an outsole having, in combination, means for supporting and clamping the shoe, and means for trimming the rear of the outsole successively on opposite sides to provide a convex heel-seat to fit a concave recess in a heel which is to be attached to the shoe.

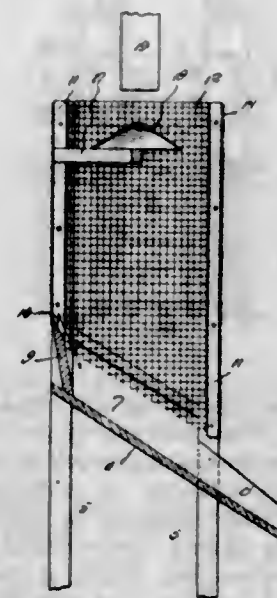
1,645,567. HEEL-BUILDING MACHINE. ERASTUS E. WINKLEY, Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Feb. 17, 1923. Serial No. 619,724. 92 Claims. (Cl. 12-50.)



1. A heel building machine having, in combination, means for loosely assembling a pasted heel, means for transferring said heel to a nailing station and for aligning

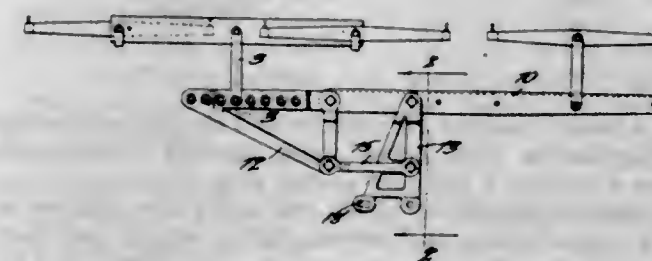
the lifts thereof while in transit, means for nailing the aligned heel means for holding the heel under pressure while the paste sets, and means for transferring the heel from the nailing station and delivering it to said pressure means.

1,645,568. GRAIN DRIER AND CLEANER. JESSE HARPER WOODWARD, Perryton, Tex., assignor of one-third to Andrew Hunter Nichols and Robert Hugh Daley, Perryton, Tex. Filed Feb. 16, 1927. Serial No. 168,694. 4 Claims. (Cl. 34-34.)



1. A grain drier and cleaner of the class described including, in combination, a plurality of vertically disposed posts arranged in spaced relation, screens of a relatively coarse mesh disposed between the posts and screens of a relatively fine mesh disposed between the posts in spaced relation to the first mentioned screens and to the outside thereof, and a hopper and spout structure between the posts at the bottom of the screen, a baffle, and means for supporting the baffle between the posts and between the inner screen.

1,645,569. DRAFT EVENER. FRANK F. WULF, Neligh, Nebr. Filed Dec. 28, 1926. Serial No. 157,535. 5 Claims. (Cl. 278-14.)

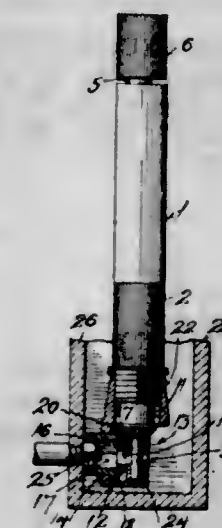


1. In a draft evener, the combination with an oscillatory bar, a fixed member to which the bar is fulcrumed, an angular lever pivoted to one end of the bar, means for connecting a rearward extending member of said angular lever to a rearward portion of the fixed member.

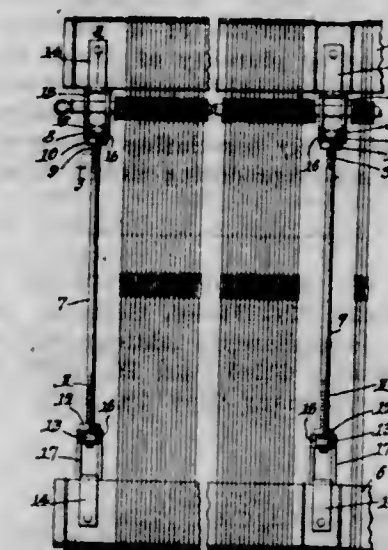
1,645,570. WRENCH. NILS ALFRED ANDERSON, Brooklyn, N. Y. Filed June 12, 1924. Serial No. 719,517. 3 Claims. (Cl. 81-57.)

1. A wrench comprising a handle, a shaft revoluble therein, a frame with which said handle is detachably connected, a sleeve mounted in said frame to revolve on an

axis angularly disposed relatively to the axis of said shaft, mitre gears on said sleeve and said shaft whereby the sleeve may be operated from the shaft, and a bearing member mounted in said frame to hold said sleeve, said bearing member being held in assembled position by said shaft.



1,645,571. LOOM HARNESS. ISAAC ANDREWS, Spartanburg, S. C. Filed Aug. 4, 1926. Serial No. 127,135. 3 Claims. (Cl. 139-91.)



1. In a device of the character described, loom harness shafts, rods for holding the shafts in spaced relation with each other, connecting members at the ends of the rods and secured to the shafts, said connecting members including rectangular members having one of their edges cut away, portions adjacent to the cut away portions being extended inwardly, said rods having heads adapted to be positioned behind the inwardly extended portions of the connecting members, and lock nuts on the rods for holding the heads within their connecting members.

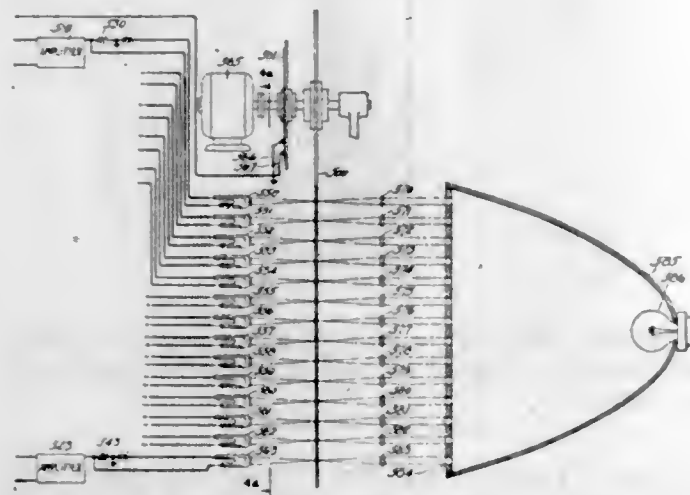
1,645,572. LOOM HARNESS. ISAAC ANDREWS, Spartanburg, S. C. Filed Apr. 7, 1927. Serial No. 181,834. 4 Claims. (Cl. 139-92.)



1. In a loom harness, harness shafts, rods supported in spaced relation with the shafts, a sectional twine bar

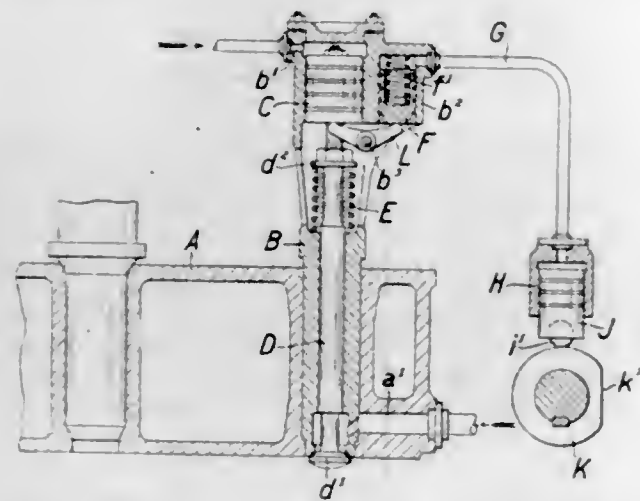
ness, tubular members connected to the ends of each section, and said tubular members adapted to be fitted over the rods to removably secure the sections to the rods.

1,645,573. TELEPHONE-EXCHANGE SYSTEM. HENRY M. BASCOM, Brooklyn, N. Y., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Jan. 27, 1926. Serial No. 84,188. 10 Claims. (Cl. 179-27.)



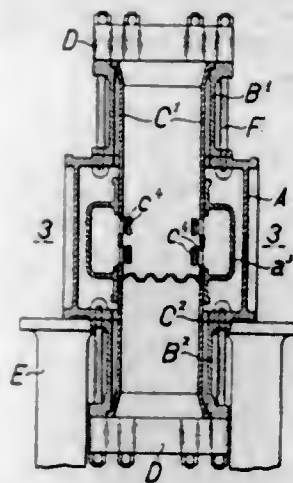
7. In a system for audibly reproducing telephone line designations, the combination of a plurality of light valves, a corresponding plurality of record traces, common means for interposing said record traces between each valve and a light source, a common reproducing circuit, and means for selectively associating the output of said light valves with said reproducing circuit in any desired combination.

1,645,574. VALVE GEAR FOR POWER ENGINES. HEINRICH BECKER, Kiel-Hassée, Germany, assignor to Fried. Krupp Germaniawerft Aktiengesellschaft, Kiel-Gaarden, Germany. Filed Apr. 25, 1925, Serial No. 25,767, and in Germany May 28, 1924. 2 Claims. (Cl. 60-16.)



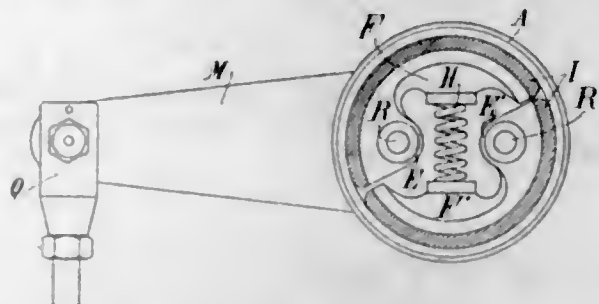
1. A fluid controlling gear for the valves of power engines in which the opening of the valve is effected by compressed air and controlled by a cam driven from the engine shaft, comprising a piston on the valve a cylinder for said piston, a second cylinder mounted beside the first cylinder, a second piston operating in said second cylinder, the lower ends of said pistons being at substantially the same height, a short lever having two arms each of which contacts the lower face of one of said pistons, and fluid means controlled by said cam for actuating said second piston.

1,645,575. CYLINDER FOR TWO-STROKE INTERNAL-COMBUSTION ENGINES WITH SCAVENGING PORTS. HEINRICH BECKER, Kiel-Hassée, Germany, assignor to Fried. Krupp Germaniawerft Aktiengesellschaft, Kiel-Gaarden, Germany. Filed Sept. 3, 1925, Serial No. 54,331, and in Germany Sept. 13, 1924. 2 Claims. (Cl. 123-61.)



2. A cylinder for two-stroke internal combustion engines, comprising a liner, scavenging ports in said liner, a sleeve fitting closely around a portion of said liner including said ports and adapted to withstand the engine forces, inlet and outlet channels in said sleeve opposite said ports, an outer casing surrounding said sleeve and forming a space for cooling liquid, a flanged pipe member surrounding the remainder of said liner and abutting at one end against said casing and at the other against the end of said liner, and a cylinder head clamped against the abutting ends of said liner and flanged pipe and closing the end of the liner.

1,645,576. SHOCK ABSORBER. PAUL MARCELLIN BECONNIER, Paris, France. Filed Mar. 20, 1925, Serial No. 17,091, and in Belgium Mar. 24, 1924. 2 Claims. (Cl. 188-130.)

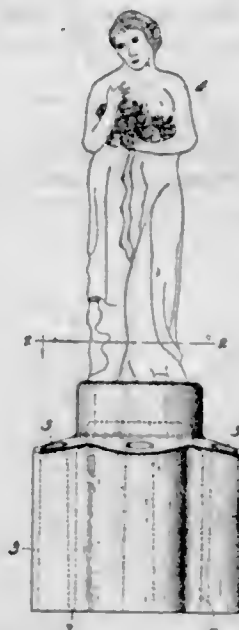


1. A shock absorber for vehicles and the like comprising in combination two brake shoes pivoted eccentrically within a casing, a circular casing upon the internal circumferential surface of which the shoes are adapted to act, a single spring the extremities of which rest upon the respective shoe, the point of contact between the spring and shoe being arranged at a distance from the pivot, and a lever arm integral with the casing for connection with the suspension, whereby braking is effected more strongly in one direction than the other.

1,645,577. FLOWER HOLDER. ARTHUR J. BENNETT, Cambridge, Ohio. Filed Jan. 23, 1926. Serial No. 83,339. 1 Claim. (Cl. 47-41.)

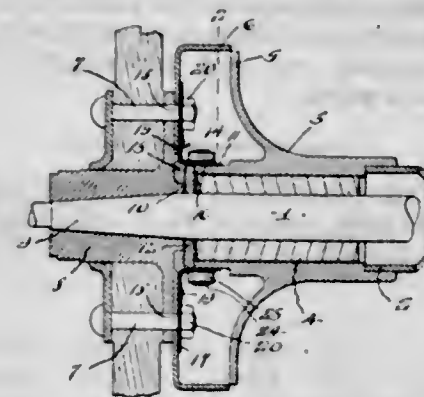
A flower holder comprising a base adapted for seating within a water containing bowl, and a statue-like image surmounting said base, said base having extended therethrough a plurality of substantially vertical bores adapted for the reception of the stems of cut

flowers arranged in encircling and partially concealing relation to the image, said bores being of a length so as to hold the flower stems in vertical position and ex-



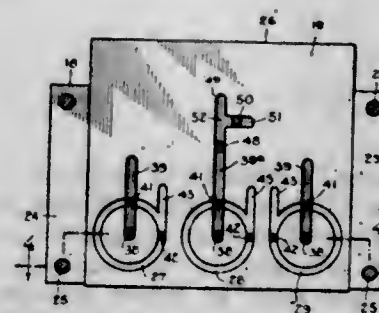
tending through the bottom of the base so as to enable the stems to seat on and be supported by the bottom of the bowl.

1,645,578. MEANS FOR PREVENTING LEAKING OF OIL FROM AXLE HOUSINGS. GEORGE F. BENSON, Syracuse, N. Y. Filed Mar. 12, 1924. Serial No. 698,593. 9 Claims. (Cl. 286-7.)



1. The combination with an axle housing, and a wheel mounted on the axle adjacent the end of the housing; of means for preventing the leakage of oil from the end of the housing, comprising a ring mounted concentric with the wheel, and secured thereto to rotate therewith, the ring having a central sleeve enclosing the end of the housing, and means rotatable with the wheel and contracting the sleeve toward the periphery of the housing.

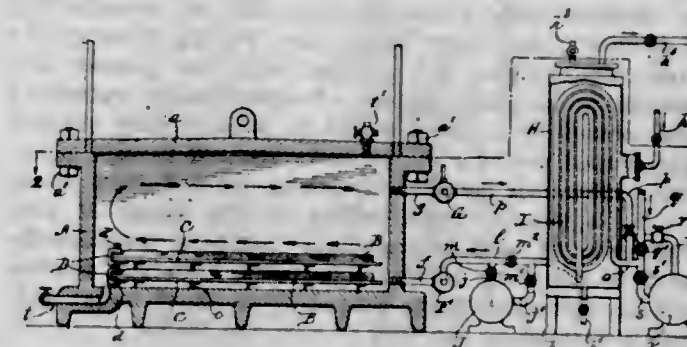
1,645,579. LOCK. ORA BILLINGSLEY, New York, N. Y. Filed Dec. 17, 1925. Serial No. 75,903. 11 Claims. (Cl. 70-52.)



1. In a keyless lock, the combination of a hollow casing member, a set of dial members movably mounted in said casing member, a movable lock member movably dis-

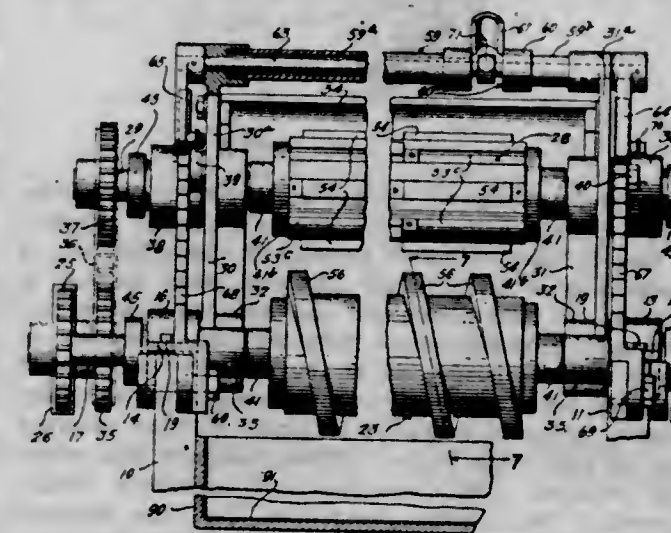
posed within said hollow casing member, said movable lock member being provided with a set of substantially circularly extending grooves of a number corresponding to that of said set of dial members, said movable lock member being further provided with a groove communicating tangentially with each of said substantially circularly extending grooves, said movable lock member being further provided with a set of recesses corresponding in number to said set of dial members, each of said last-named recesses communicating with its substantially circularly extending recesses and extending radially therefrom and a set of locking elements respectively carried by said dial members and extending within said substantial circularly extending recesses respectively.

1,645,580. APPARATUS FOR MAKING LAMINATED GLASS. EDWARD S. BOCK, Croydon, Pa. Filed Feb. 19, 1923. Serial No. 619,863. 9 Claims. (Cl. 18-17.)



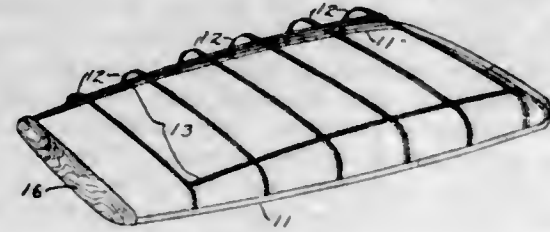
1. In an apparatus for producing laminated glass, a pressure chamber, a flexible unitary non-metallic container, and a substantially rigid platform upon which the container is supported, said platform being substantially coextensive with the unitary container and said platform being insertible as a unit with the container into the pressure chamber.

1,645,581. HAT-SIZING MACHINE. GUSTAV S. BOZACH, Danbury, Conn. Filed Dec. 27, 1923. Serial No. 682,862. 45 Claims. (Cl. 28-9.)



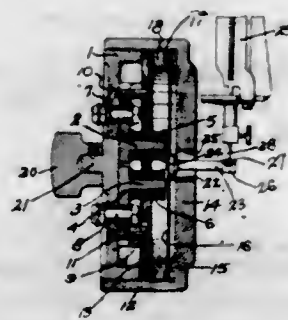
1. In apparatus of the character described, in combination, a plurality of rotatable sizing rolls, means mounting one of said rolls to permit it to be moved toward or away from the other rolls, a pawl and ratchet mechanism for holding said movable roll in said position when moved in one direction relative to the other rolls, and means for moving said movable roll in the other direction, said means being effective upon an initial movement thereof to disengage said pawl and ratchet mechanism.

1,645,582. TOP CONSTRUCTION. JOSEPH H. BOURN, Detroit, Mich., assignor to The Studebaker Corporation, South Bend, Ind., a Corporation of New Jersey. Filed Nov. 20, 1924. Serial No. 751,153. 1 Claim. (Cl. 296—137.)



A permanent top frame for an automobile of the open type comprising a substantially U-shaped horizontally disposed base member shaped from angle iron, a front cross member rigidly connecting the free ends of said base member, substantially trough-shaped intermediate ribs formed from sheet metal, and having downwardly curved ends bridging the sides of said base member and permanently secured thereto, longitudinally extending struts formed from sheet metal to substantially shallow trough-shaped sections permanently secured to said intermediate ribs, side quarter sheathing formed from sheet metal to a shape corresponding to the shape of said curved ends of said intermediate members permanently secured to the sides of said top frame, and rear quarter sheathing correspondingly shaped from sheet metal permanently secured to the rear of said top frame.

1,645,583. ELECTROMAGNETIC DRIVER. CYRIL A. BRIGHAM and WILLIAM H. GERNS, East Orange, N. J., assignors to Brandes Laboratories, Inc., Newark, N. J., a Corporation of New Jersey. Filed Aug. 22, 1925. Serial No. 51,819. 4 Claims. (Cl. 179—100.1.)

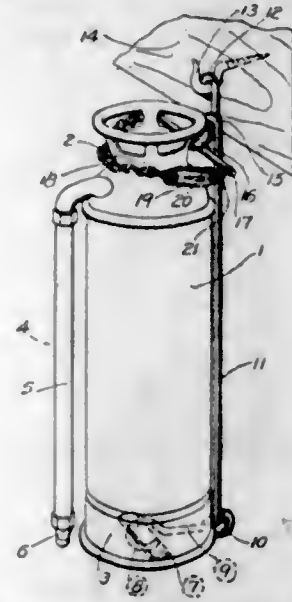


1. An electromagnetic driver comprising in combination an annular casing having one end thereof substantially closed, internal screw threads at the other end of said casing, a rotatable screw threaded plate member in said casing, an electromagnetic operating mechanism carried by said rotatable screw threaded plate member, an armature member positioned in the opposite end of said casing, said armature member comprising a substantially rectangular strip of magnetic material with an enlarged portion of said strip located substantially at the center thereof adjacent said electromagnetic operating mechanism, and a rod member protruding from the enlarged portion of said armature and shaped at its outer extremity to receive a stylus therein.

1,645,584. FIRE-EXTINGUISHER MOUNTING. OLIVER D. BULL and HENRY J. MILLER, Kansas City, Mo. Filed Feb. 15, 1926. Serial No. 88,273. 4 Claims. (Cl. 169—27.)

1. A mounting for fire extinguishers of the chemical type comprising a hanger rod, a floor bar one end of which is pivotally connected with the lower end of the rod and

adapted for pivotal connection at its opposite end with the bottom of a tank, an anchoring member at the upper end of the rod for supporting a tank upright on said

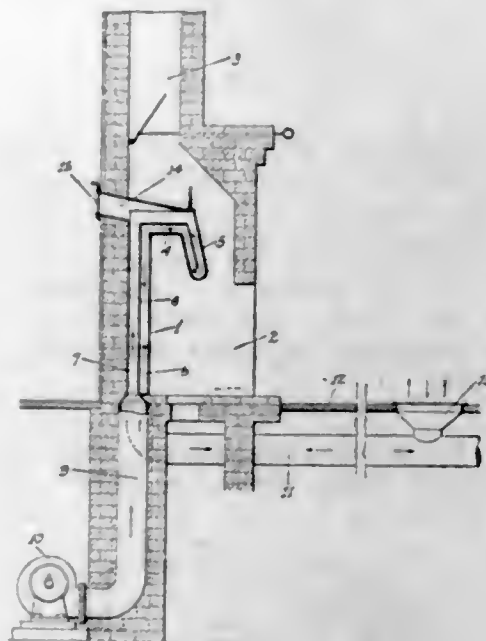


floor bar and including a fusible member whereby the tank may be released to permit the tank to swing to an inverted position in suspension from the hanger rod.

1,645,585. SEALING COMPOSITION FOR PUNCTURES IN PNEUMATIC TIRES AND THE LIKE. GARRETT G. BURTON, Topeka, Kans. Filed Apr. 29, 1927. Serial No. 187,709. 4 Claims. (Cl. 134—17.5.)

1. In a sealing composition for punctures in pneumatic tires and the like, the combination of pulverized oil cake, amorphous sulphur, red lead, carborundum, comminuted steel wool, and water.

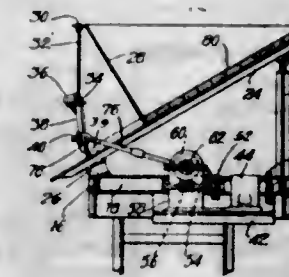
1,645,586. AIR-HEATING SYSTEM FOR FIREPLACES. JOSEPH M. CESA, Antioch, Calif. Filed Jan. 10, 1927. Serial No. 160,029. 4 Claims. (Cl. 126—121.)



1. In combination, a drum to be mounted in a fireplace to be subjected to the heat of a fire therein, means dividing said drum into two vertical compartments, said compartments being arranged to communicate with each other at their upper ends, an intake passage leading to the bottom of one compartment, an outlet passage leading from the bottom of the other compartment, said outlet passage leading to a room, means for setting up a forceful circulation of air through the drum compartments from

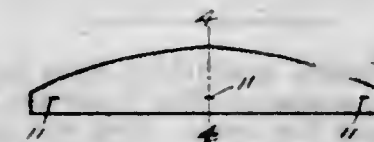
the intake passage to the outlet passage, and another outlet from the drum; said outlets being arranged in height relative to each other so that when the operation of said circulating means is discontinued a natural circulation of air may be set up from the first named outlet through one of the drum compartments to the last named outlet.

1,645,587. COKE-QUENCHING CAR. ALBERT H. CHALMERS, Fairfield, Ala. Filed Jan. 28, 1925. Serial No. 5,318. 10 Claims. (Cl. 105—254.)



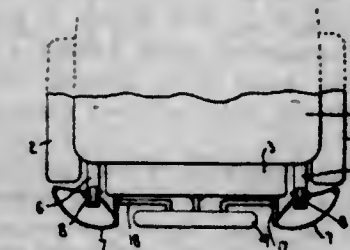
1. A coke quenching car having a transversely inclined brick lined floor, a door controlling the discharge of coke, and electrically operated mechanism for actuating said door, said brick lined floor being adapted to shield the electric door actuating mechanism against damage from the quenching water.

1,645,588. HAT-SIZE-REDUCING PAD. LEON COHEN, St. Louis, Mo. Filed May 13, 1925. Serial No. 29,931. 4 Claims. (Cl. 2—185.)



1. A hat size reducing pad comprising a substantially elliptical shaped resilient member doubled upon itself along its major axis, a flexible metallic strip provided with prongs projecting from one face thereof lying within said doubled member and parallel to the major axis, the prongs projecting through one face of the resilient member whereby said pad can be detachably secured within the head receiving opening of a hat crown.

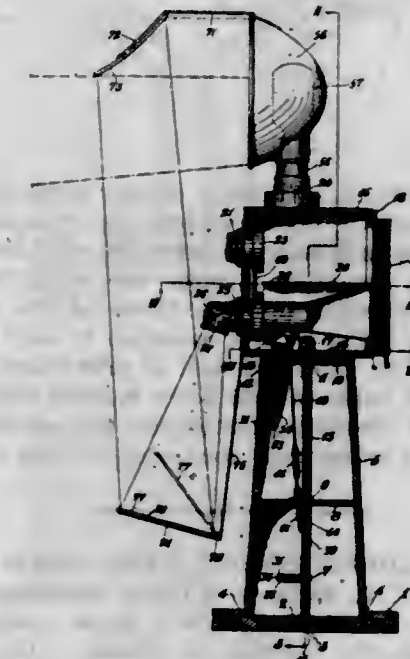
1,645,589. SEGMENTAL SPRING BUMPER. ERNEST G. DANN, Chicago, Ill., assignor to The Cleveland Graphite Bronze Company, Cleveland, Ohio, a Corporation of Ohio. Filed Dec. 14, 1922. Serial No. 608,796. 18 Claims. (Cl. 293—55.)



17. Bumper means for protecting the rear corner portion of a vehicle comprising, in combination with the vehicle frame, impact receiving means including a pair

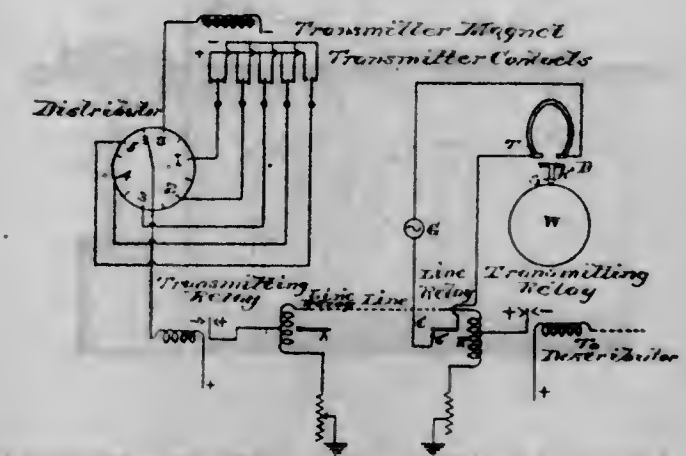
of vertically spaced spring bars, and supporting means for said impact receiving means horizontally spaced between said bars and rigidly connected to said frame.

1,645,590. PHOTOGRAPHIC APPLIANCE. VICTOR C. ERNST, Lakewood, Ohio. Filed June 2, 1923. Serial No. 643,063. 19 Claims. (Cl. 88—24.)



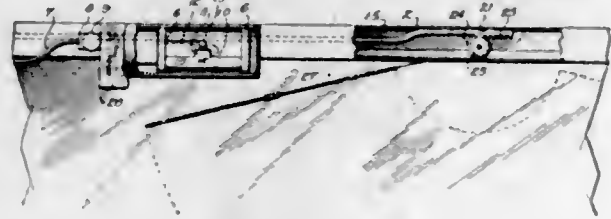
7. A photographic appliance comprising the combination of photographic apparatus having distinct fields of view, single selectively controllable means for illuminating objects placed in both fields of view during predetermined time periods, and means for operating said means and apparatus in timed relation.

1,645,591. TELEGRAPH-PRINTER SYSTEM. JOHN P. FERRITER, Boston, Mass., and EARLY E. STRADLEY, West Orange, N. J. Filed Nov. 13, 1925. Serial No. 68,868. 1 Claim. (Cl. 178—17.5.)



A system of printing telegraphy comprising a telegraph printer and a relay, means for recording the received signals on a phonograph record, and means for re-running the record and producing said signals by causing the imposed signals to actuate said relay, the armature contacts of said relay being adapted to control the action of said telegraph printer.

1,645,592. WINDSHIELD CLEANER. FREDERICK G. FOLBERTH and WILLIAM M. FOLBERTH, Cleveland, Ohio, assignors to Trico Products Corporation, Buffalo, N. Y., a Corporation of New York. Filed Jan. 22, 1924. Serial No. 687,793. 4 Claims. (Cl. 15-253.)

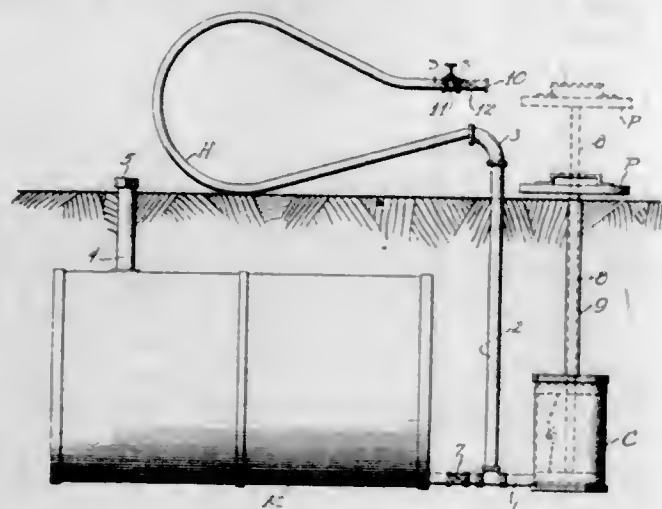


1. In a windshield, a frame, a cleaner motor mounted on said frame interiorly of the vehicle, an actuating member arranged within said motor, a laterally extending bar connected to said actuating member for being reciprocated thereby and extending into the frame of the windshield, a reciprocatory drive member mounted in said frame and slidably guided by the inner wall of said frame, an operative connection between said drive member and said bar, and a cleaner element mounted on the exterior of the windshield and operatively connected to said drive member.

1,645,593. COLORED STENCIL CARD. ERWIN A. GEIGER, Ridgewood, N. J., assignor to Rapid Addressing Machine Company, a Corporation of New York. Filed Oct. 11, 1926. Serial No. 141,033. 6 Claims. (Cl. 41-38.5.)

6. A stencil sheet having in combination a base of Yoshino paper, a partially removed coating of substantially coagulated protein, and an outer film on the undisturbed portion of said coating comprising a portion of said coating saturated with a solution containing shellac and an alcohol dye contrasting in color with the said Yoshino base.

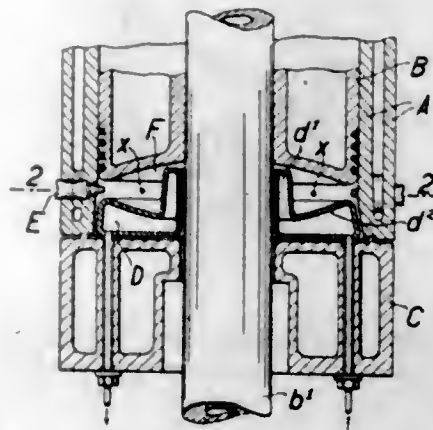
1,645,594. HOME GASOLINE STATION. ELMER E. HASSLER, Chapman, Kans. Filed July 17, 1925. Serial No. 44,329. 1 Claim. (Cl. 221-102.)



A device of the type described comprising a reservoir for gasoline disposed beneath the surface of the ground, a cylinder disposed beneath the surface of the ground, a pipe connecting said reservoir with said cylinder, a check valve disposed in said pipe for only permitting the gasoline to flow from the reservoir to the cylinder, a piston mounted in said cylinder, a platform adapted to receive a weight so as to actuate the piston, a pipe for conveying the gasoline from the cylinder to the tank in an automobile, a check valve disposed in said pipe for only per-

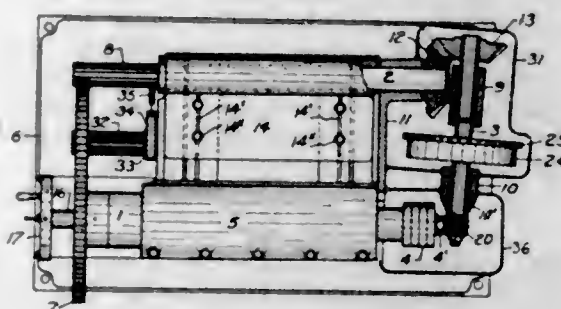
mitting the gasoline to flow through said pipe in one direction, and a pet cock for admitting air to said last named pipe so as to permit the gasoline in said last named pipe to flow into said cylinder beneath the surface of the ground when said piston is raised a sufficient distance.

1,645,595. INTERNAL-COMBUSTION ENGINE. ERNST HERBT, Kiel, Germany, assignor to Fried. Krupp Germaniawerft Aktiengesellschaft, Kiel Gaarden, Germany. Filed Mar. 1, 1926, Serial No. 91,607, and in Germany Mar. 3, 1925. 2 Claims. (Cl. 123-173.)



1. A double-acting internal combustion engine having a cooling chamber arranged inside the cover of the piston rod side of the working cylinder, said chamber having an angular cross section, one leg of it surrounding the piston rod and extending almost up to the surface of the piston in its lower dead center position.

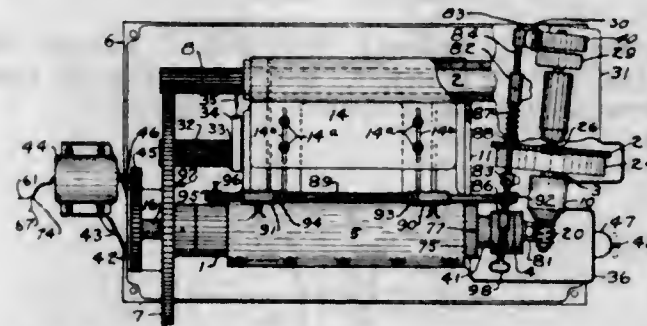
1,645,596. HOBBING MACHINE. KARL L. HERRMANN, Detroit, Mich., assignor to The Studebaker Corporation, a Corporation of New Jersey. Filed Mar. 2, 1923. Serial No. 622,297. 11 Claims. (Cl. 90-4.)



1. In a hobbing machine, a hob shaft, a transmission shaft extending transversely of said hob shaft, a single pair of gears connecting said shafts, a work shaft parallel to said transmission shaft having a gear thereon, said gear on said work shaft meshing with and longitudinally movable on a broad-faced gear on said transmission shaft.

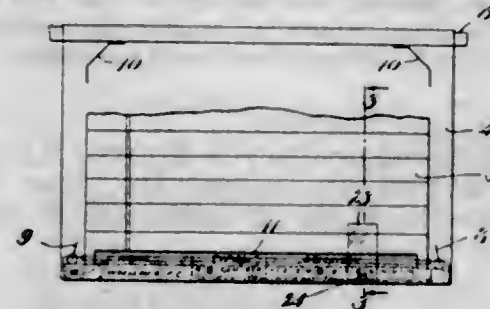
10. In a hobbing machine, a hob shaft having a hob mounted thereon, a transmission shaft, a work shaft, gears connecting said hob shaft and said transmission shaft and a single pair of gears connecting said transmission shaft and said work shaft, means to adjust said transmission shaft relative to said work shaft and to longitudinally adjust said hob shaft, transversely to the axis of said work shaft, and means to radially adjust said hob shaft transversely to the axis of said work shaft.

1,645,597. HOBBING MACHINE. KARL L. HERRMANN, Detroit, Mich., assignor to The Studebaker Corporation, South Bend, Ind., a Corporation of New Jersey. Filed Nov. 15, 1923. Serial No. 674,970. 17 Claims. (Cl. 90-4.)



1. In a hobbing machine, a rotatable and axially movable work carrying spindle having a drive gear secured thereto, a belt shifting mechanism actuated upon a predetermined axial movement of said spindle for stopping rotation of said spindle, and means on said drive gear for actuating said belt shifting mechanism.

1,645,598. INDEX. WILLIAM F. JOHNSTON, Los Angeles, Calif., assignor, by mesne assignments, to Remington Rand Inc., Tonawanda, N. Y., a Corporation of Delaware. Filed Aug. 21, 1924. Serial No. 733,382. 11 Claims. (Cl. 129-16.)

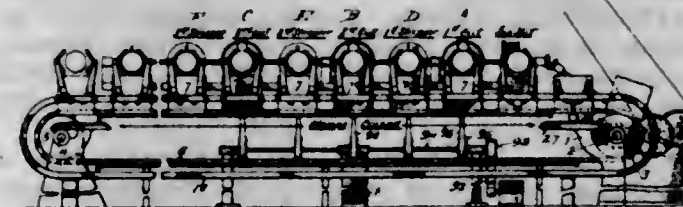


1. An index comprising a frame having oppositely disposed guide channels, a series of card holders each comprising means engaging the respective guide channels for supporting the cards in overlapped spaced relation with their free margins projecting one beyond the other, a transparent sheath on the exposed margin of each card holder, and a removable index slip adapted to be interposed between the sheath and the front face of a card mounted in the holder, said slip having a signal opening therein, and means exhibiting a contrasting color area through said opening.

1,645,599. RADIOACTIVE ADHESIVE PLASTIC COMPOSITION. NEIL M. JONES, Los Angeles, Calif. Filed Dec. 15, 1925. Serial No. 75,626. 6 Claims. (Cl. 106-29.)

2. An adhesive plaster consisting of not less than one part of magnesium oxide mixed with sixteen times its weight of radio-active material and a solution of magnesium chloride.

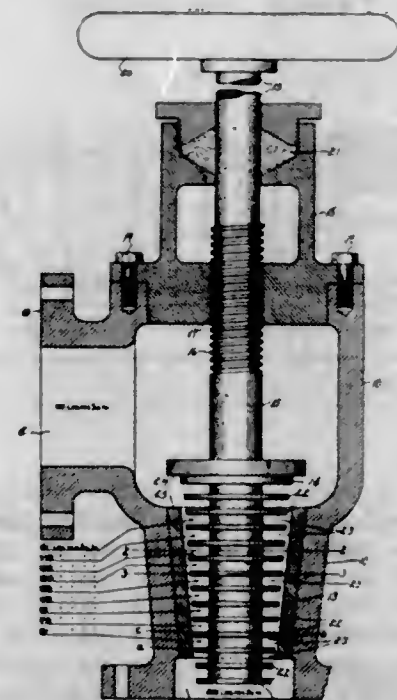
1,645,600. COCONUT-SHELLING MACHINE. JOHN F. KOHLER, Larchmont Manor, N. Y. Filed June 12, 1922. Serial No. 567,695. 20 Claims. (Cl. 146-7.)



1. In a nut shelling machine, means for holding the nut, means for making a plurality of cuts encircling portions of the shell of the nut on planes substantially

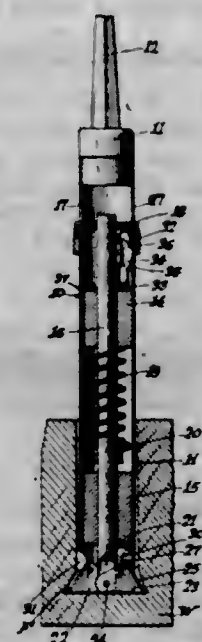
parallel with the axis of the nut, said cuts being spaced progressively nearer the axis of the nut and means for engaging in the several cuts and adapted to strip off the sections of shell lying outside said cuts.

1,645,601. VELOCITY-REDUCING VALVE. HENRY B. LEE, New London, Conn. Filed Oct. 26, 1926. Serial No. 144,262. 3 Claims. (Cl. 251-159.)



1. A velocity-reducing valve comprising complementary male and female valve members constructed and arranged to form between them a progressively-increasing flow-passage having a relatively greater flow-area at its outlet-end than at its inlet-end, a plurality of alternating flanges and expansion-chambers formed upon one of the said members, and means for adjusting the co-acting relationship between the said members for coincidentally varying the constricting action of the said flanges.

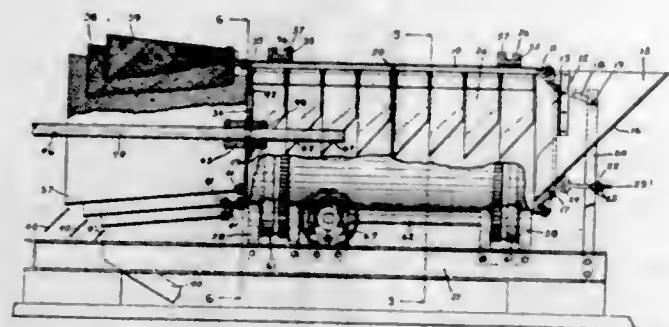
1,645,602. TOOL FOR FLARING HOLES. PHILLIP P. LEWIS, Tujunga, Calif. Filed Jan. 15, 1925. Serial No. 2,544. 3 Claims. (Cl. 145-124.)



1. A tool for flaring holes comprising a cylindrical body, a spindle slidable in said body, cutters adapted to be projected by said spindle, said cutters having bottom edges which, when the cutters are projected, assume a

position flush with the bottom of said body, and side cutting edges arranged at an acute angle to the bottom edges and which, when the cutters are projected, assume a position upwardly and inwardly inclined.

1,645,603. SAND AND GRAVEL WASHER. SEBASTIAN A. LOFTUS and THOMAS CURETON, Dayton, Ohio; said Loftus assignor to said Thomas Cureton and Samuel Cureton, Plymouth, Ohio. Filed Oct. 31, 1921. Serial No. 511,619. 7 Claims. (Cl. 209-452.)



1. In sand and gravel washers, and the like, the combination with a rotatable drum, having an inlet opening at one end and an outlet opening at the other end thereof; means for introducing into the drum, through the inlet opening thereof, the sand and gravel to be washed and separated; means for continuously supplying water to the drum during operation of the apparatus, to maintain a predetermined quantity of water in the drum; and a plurality of buckets in said drum, arranged in successive series, each of said buckets being open adjacent the shell of the drum and having a baffle member therein so arranged and constructed as to, during rotation of the drum, prevent passage of sand and gravel through said bucket while allowing free passage of water, the end of the bucket remote from the drum shell being formed into an inclined spout, the construction being such that as rotation of the drum carries the bucket through lowermost position in the drum toward uppermost position therein the sand and gravel in advance of the baffle is moved positively through the water in the drum, is carried upwardly within the bucket, and, when the bucket reaches elevated position, is dropped from the baffle into the inclined spout, from which it slides and is advanced into the zone of the next succeeding series of buckets.

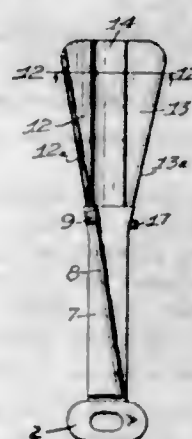
1,645,604. METHOD OF MAKING COMPOUND SPONGE RUBBER AND FABRIC ARTICLES. MELVIN S. LOWER, Barberton, Ohio, assignor to The Sun Rubber Company, Barberton, Ohio, a Corporation of Ohio. Filed Mar. 3, 1927. Serial No. 172,405. 1 Claim. (Cl. 18-59.)



The process of manufacturing laminated sponge rubber and fabric articles having rounded edges, comprising forming a slab of rubber compounded to expand and form sponge rubber on vulcanization, laying a sheet of fabric over the slab, securing the edges of the fabric about the periphery of the rubber slab, placing the article within a closed chamber with the fabric out of contact with the walls thereof, and subjecting the slab to vulcanizing temperature for a sufficient period to cause the rubber to expand and to stretch the fabric during vulcanization over

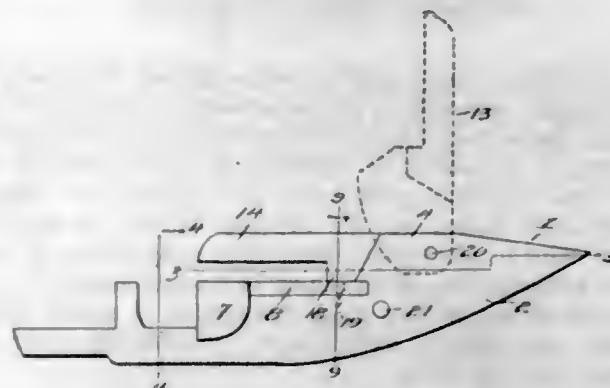
its entire surface and allowing the fabric to assume a natural curvature about the edges of the slab while the fabric about the edges of the slab is out of contact with the walls of the chamber.

1,645,605. COLLAPSIBLE SHOE HORN. RUSSELL EDWARD LUNDAY, Hurley, N. Mex. Filed Oct. 22, 1926. Serial No. 143,424. 7 Claims. (Cl. 132-7.)



1. A shoe horn, comprising a handle portion and a blade portion movable into and out of one end of said handle portion, and means for causing the expansion of the blade laterally during the outward movement.

1,645,606. CUTTER GUARD FOR MOWING MACHINES. SAMUEL E. LYLE, Montgomery, Ala. Filed Nov. 6, 1925. Serial No. 67,409. 2 Claims. (Cl. 56-310.)

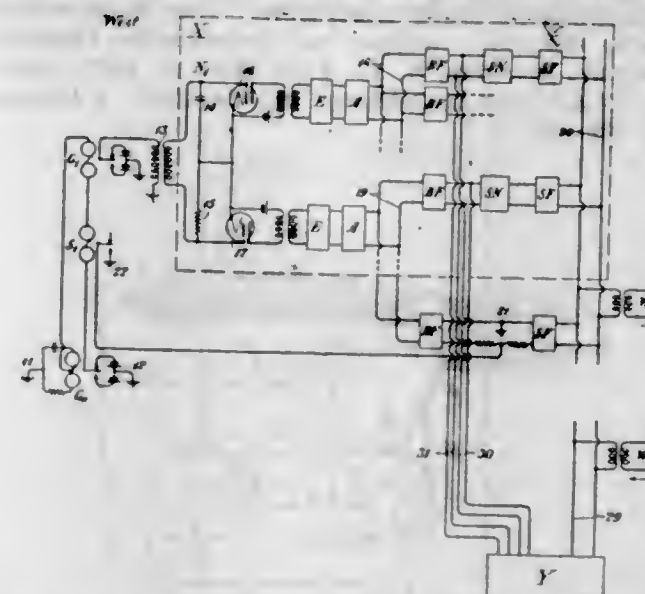


1. In a structure of the class described, a cutter guard comprising a body having spaced furcations beyond which is a flat cutter plate rest, a hingedly mounted retainer having a wing like extension disposed between and connected with said furcations, said retainer embodying shoulders and having a retaining key, a cutter plate on said rest having a slot for reception of said key, said shoulders being adapted to bear upon the top of said plate, and a retaining pin passing through said body and wing.

1,645,607. SYSTEM OF SYNCHRONIZING SIGNALING APPARATUS. ANDREW L. MATTE, Brooklyn, N. Y., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Feb. 26, 1925. Serial No. 11,801. Renewed May 20, 1927. 8 Claims. (Cl. 178-53.)

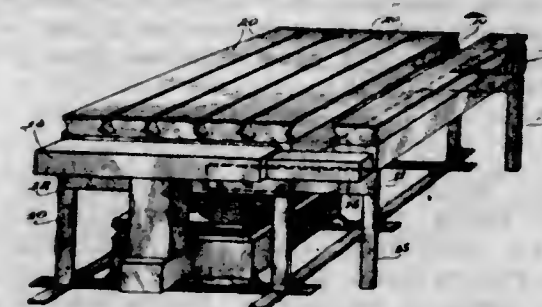
1. In combination, a transmission line incapable of transmitting currents of relatively low frequency, apparatus at two places to be synchronized at a relatively low frequency, means for generating a harmonic current at one of those places and transmitting it over said line and applying it at the other place to synchronize the appa-

ratus thereat with the apparatus where the said harmonic current was generated, means for generating other harmonic currents at one of those places and transmitting



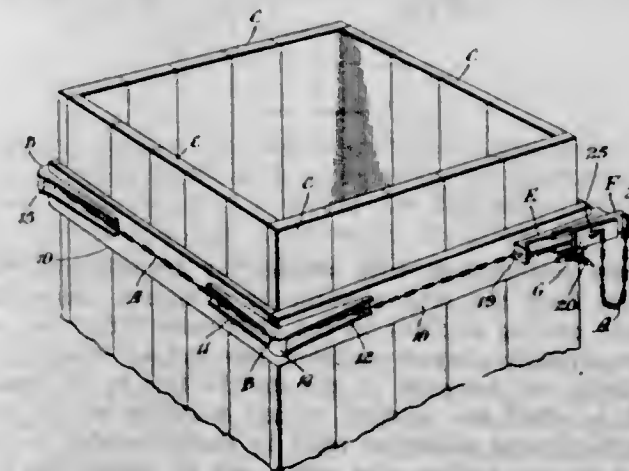
them over said line, and means for phase-splitting each of said other harmonic currents and transmitting and receiving respective messages on the resultant components.

1,645,608. SECTIONAL PIPE CHEST. HARRY PAGE MAUS and DODD M. LAMSON, Lima, Ohio, assignors to The Page Organ Company. Filed Sept. 20, 1926. Serial No. 136,614. 5 Claims. (Cl. 84-333.)



3. In a pipe organ, a frame for supporting wind chests, said frame including a pair of main side plates, a pair of auxiliary side plates slidably connected thereto, and an extensible wind conveyer comprising telescopic tubes one of which is secured to one of the main side plates and the other of which is secured to the corresponding auxiliary side plate.

1,645,609. CLAMPING DEVICE FOR MOLDS. COLIN JOHN EDWARD MAXWELL, Montreal, Quebec, Canada, assignor to Quinlan, Robertson & Janin Limited, Montreal, Canada. Filed Apr. 22, 1927. Serial No. 185,893. 8 Claims. (Cl. 144-291.)

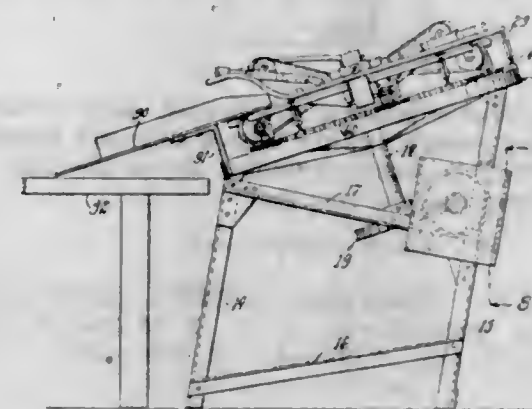


1. In a device of the character described, an anchor member having arms adapted to extend along adjacent

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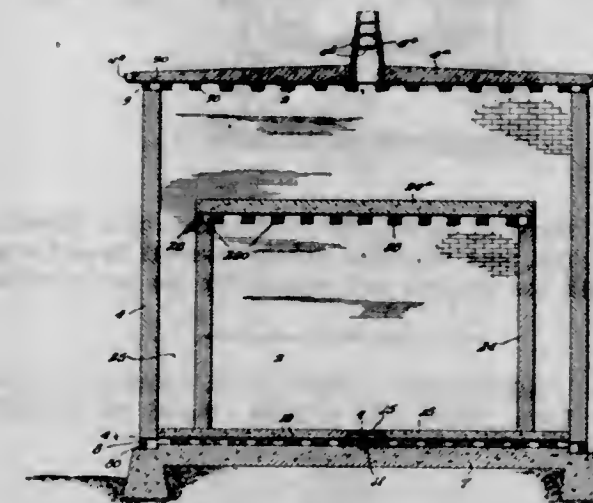
sides of a mold, a flexible tightening member connected to the anchor member, a locking member adapted to engage with the flexible member and a wedge member adapted to be inserted between the locking member and the anchor member.

1,645,610. MACHINE FOR LINKING SAUSAGES. OSCAR G. MAYER, Chicago, Ill. Filed May 17, 1926. Serial No. 109,509. 31 Claims. (Cl. 17-34.)



1. In a machine of the class described, gravity actuated means for engaging a sausage casing at remote points, and flexible means for revolving the casing between points of engagement.

1,645,611. SANATORIUM. MAX MEDERER, Bloemfontein, South Africa. Filed Sept. 28, 1926. Serial No. 138,294, and in Germany Jan. 19, 1925. 1 Claim. (Cl. 98-31.)

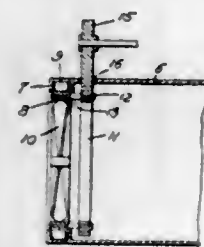


A structure for the purpose set forth comprising an outer building having air inlet openings through its wall immediately adjacent the bottom thereof, and air outlet openings through its wall immediately adjacent the roof, an inner building spaced throughout from the outer building and containing rooms, the wall of the inner building being provided with outlet openings immediately adjacent its roof, a floor common to the two buildings having openings therethrough into the centers of the respective rooms in the inner building, and elements below the floor defining passages leading from the air inlets of the outer building to said openings in the floor.

1,645,612. AIR TUNNEL FOR AEROPLANE FUSELAGES. JOSEPH MILLER, Walnut Hill, Me. Filed Apr. 9, 1927. Serial No. 182,414. 2 Claims. (Cl. 244-18.)

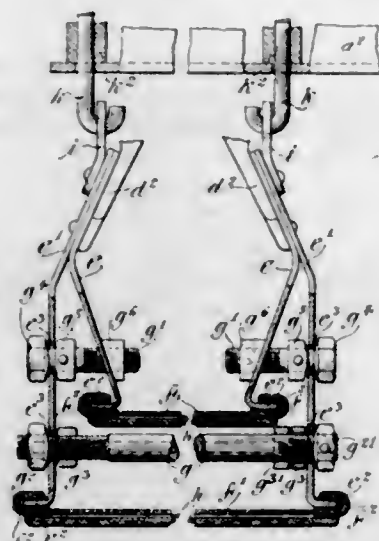
1. In combination, an aeroplane fuselage, a tube extending longitudinally through the aeroplane fuselage and open at both ends, the forward end of the tube

being provided with a pair of internal annular spaced flanges, a ring, bearings disposed exteriorly of the ring, means for mounting the bearings on the ring, said bear-



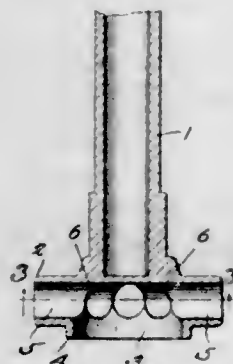
ings being rideable between the flanges, bolts extending from the ring inwardly to the tube, a ring gear supported by said bolts, fan blades extending across the ring, and means for operating the ring gear.

1,645,613. VIBRATING SCREEN. BENJAMIN A. MITCHELL, Tompkinsville, N. Y. Filed Jan. 23, 1926. Serial No. 83,184. 7 Claims. (Cl. 209-403.)



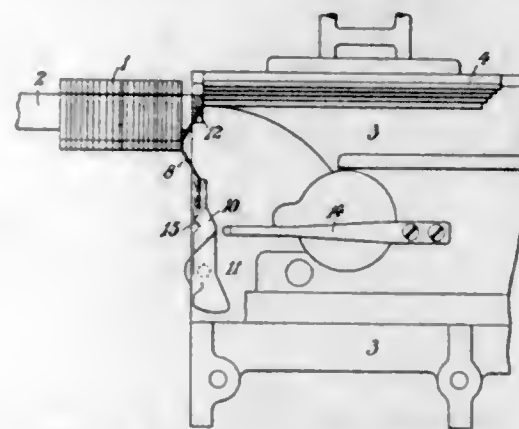
1. In a vibrating screen, the combination of a vibrator, a screen cloth, and non-rigid aprons secured to and supported with the vibrator and supporting the screen cloth.

1,645,614. AGITATOR. ORMOND B. MONAHAN, Des Moines, Iowa. Filed Apr. 8, 1926. Serial No. 100,637. 2 Claims. (Cl. 259-96.)



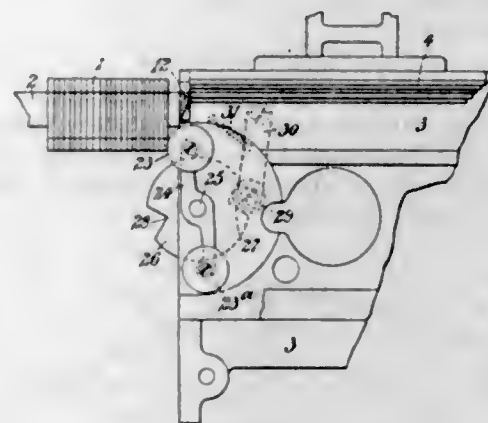
1. An agitating device including a stem adapted for high speed rotation, a disk at the lower end of the stem having outlets extending from the periphery thereof inwardly toward the center, there being a fluid inlet in the bottom of the disk of greater diameter than the diameter of each of the outlets, said inlet intersecting the inner end of the outlets and the walls of the inlet and outlets cooperating to provide agitating ribs between the outlets diverging toward the wall of the inlet.

1,645,615. MEANS FOR TRANSFERRING THE MATRICES FROM THE FIRST ELEVATOR TO THE SECOND ELEVATOR OF A MATRIX-COMPOSING AND LINE-CASTING MACHINE. CARL MUEHLEISEN, Berlin, Germany, assignor to Mergenthaler Linotype Company, Brooklyn, N. Y. Filed Mar. 15, 1927, Serial No. 175,450, and in Germany Aug. 24, 1926. 9 Claims. (Cl. 199-36.)



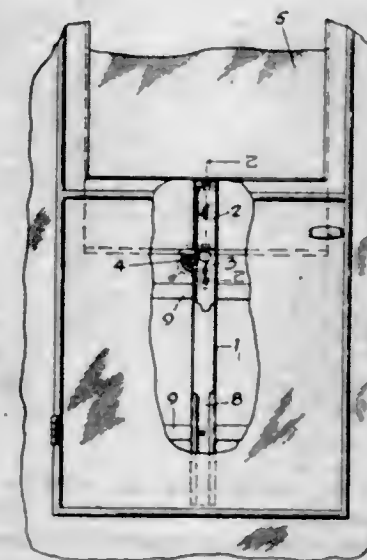
1. The combination with means for transferring the matrices from the first elevator of a matrix composing and line casting machine to the distributor lifter bar, of a resistant located in the path of the foremost of the matrices to be transferred, said resistant by contact with said matrix serving to effect the erection of any matrices of the line which may hang slantwise prior to their transfer to the lifter bar.

1,645,616. MEANS FOR TRANSFERRING THE MATRICES FROM THE FIRST ELEVATOR TO THE SECOND ELEVATOR OF A MATRIX-COMPOSING AND LINE-CASTING MACHINE. CARL MUEHLEISEN, Berlin, Germany, assignor to Mergenthaler Linotype Company, Brooklyn, N. Y. Filed Mar. 15, 1927, Serial No. 175,451, and in Germany Oct. 26, 1926. 7 Claims. (Cl. 199-36.)



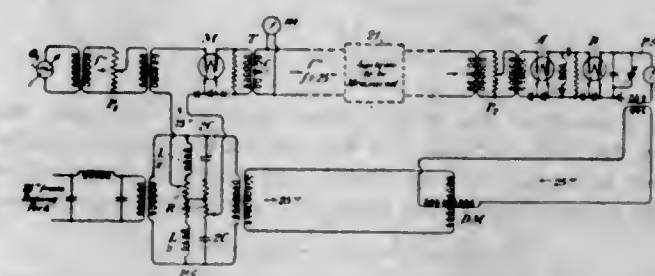
1. The combination with means for transferring the matrices from the first elevator of a matrix composing and line casting machine to the distributor lifter bar, of a symmetrically shaped resistant one end of which contacts with the foremost of the matrix line to be transferred, to effect the erection of any matrices of the line which may hang slantwise prior to their transfer to the lifter bar and against the other end of which the descending first elevator operates in order to return into operative position the resistant moved out of such position by the advancing line of matrices.

1,645,617. WINDOW REGULATOR. HUBERT A. MYERS, Toledo, Ohio, assignor to The Myers Regulator Company, Toledo, Ohio, a Corporation of Ohio. Filed June 17, 1925. Serial No. 37,644. 13 Claims. (Cl. 268-132.)



1. In a window regulator, a rack directly connected to the central part of the lower edge of the window and movable vertically and longitudinally with the window, a pinion located in the central part and in close proximity to the window opening and engaging the rack for raising and lowering the rack and the window and a crank connected to the pinion for rotating the pinion, a fixed shell for containing the rack and having interior cross dimensions substantially the same as the cross dimensions of the rack and extending substantially from the window ledge to the lowest position that the lower edge of the window is moved to for guiding the rack in raising and lowering the window.

1,645,618. METHOD AND APPARATUS FOR MEASURING TRANSMISSION DELAY. HARRY NYQUIST, Millburn, N. J., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed Feb. 25, 1926. Serial No. 90,653. 8 Claims. (Cl. 179-175.)

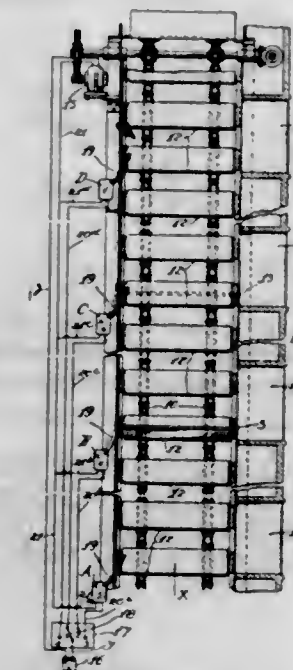


2. The method of ascertaining the delay in a transducer, which consists in modulating the current of desired frequency by a standard low frequency current at the sending end, and determining the phase shift of the modulations at the receiving end.

1,645,619. SELECTIVE ELECTRIC CONTROL SYSTEM. SAMUEL OLSON, Oak Park, Ill., assignor to Samuel Olson & Company, Chicago, Ill., a Corporation of Illinois. Filed Jan. 2, 1926. Serial No. 79,052. 6 Claims. (Cl. 198-232.)

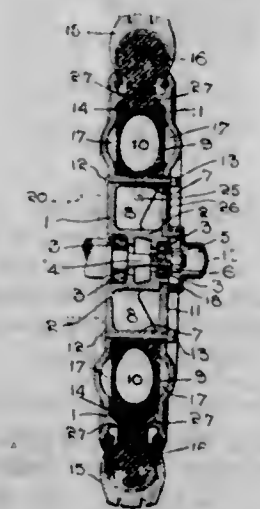
1. In combination with an endless conveyer and driving means therefor, a plurality of stations associated with the conveyer, a member adjacent each station in

position to engage a load on the conveyer, and means at a distance from the stations adjustable to co-operate with such member at any selected station and adapted to



stop the conveyer when the load arrives at the selected station and engages the said member, said member being adapted to start said conveyer when the load is removed therefrom.

1,645,620. VEHICLE RESILIENT WHEEL. REGINALD JOHN PAOR, Ponsonby, Auckland, New Zealand. Filed Mar. 16, 1925, Serial No. 16,043, and in New Zealand Oct. 8, 1924. 1 Claim. (Cl. 152-29.)

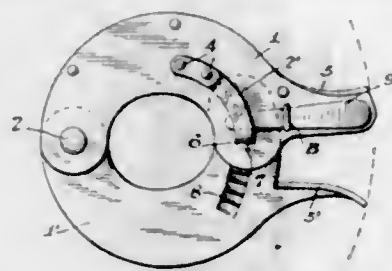


A road vehicle wheel, comprising, an annular inner compressible member, air pockets in the member, a removable tire surrounding the inner member, a rigid central portion within the inner member, side plates for the wheel one of which is connected with the central portion, outwardly bowed recesses in the plates positioned to permit outward distortion of the inner member.

1,645,621. CLAMP. ALBERT C. PATCH, Topeka, Kans. Filed June 8, 1925. Serial No. 35,695. 2 Claims. (Cl. 132-36.1.)

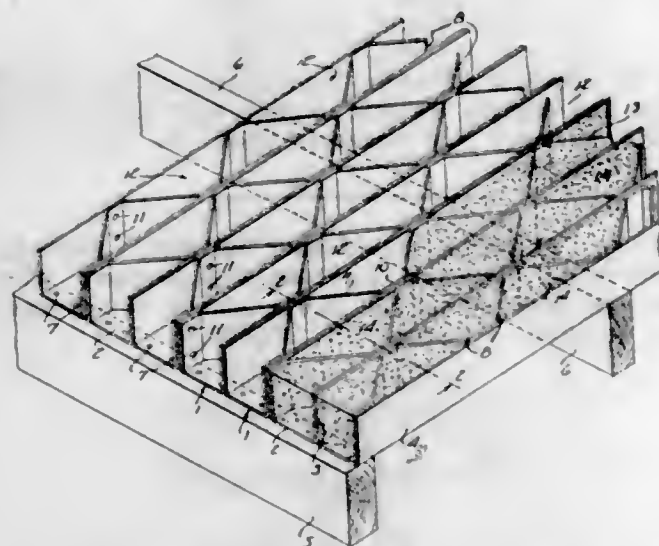
1. In a clamp, a two ply jaw and a one ply jaw, said jaws being pivotally connected so that the one ply jaw will engage between the piles of the two ply jaw, a plurality of teeth on the side of the one ply jaw, an arcuated spring pawl on one side of the two ply jaw, an opening in the side of the two ply jaw to which the arcuated spring pawl is attached, the said pawl engaging through said opening and adapted to engage with the

teeth on the side of the one ply jaw, a lever on the side of the two ply jaw to disengage the pawl from the teeth, wings integral and transversely positioned to the plane



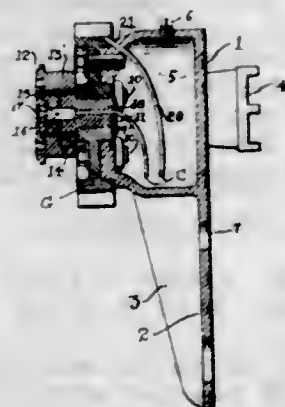
of their respective plies of the two ply jaws, a wing integral and transversely positioned to the plane of the one ply jaw as gripping elements to close the jaws.

1,645,622. METAL AND CONCRETE STRUCTURE FOR FLOORING AND SIMILAR PURPOSES. BURTON A. PRINCE, Westfield, Mass., assignor to Irving Iron Works Company, a Corporation of New York. Filed Feb. 21, 1927. Serial No. 169,770. 14 Claims. (Cl. 94-8.)



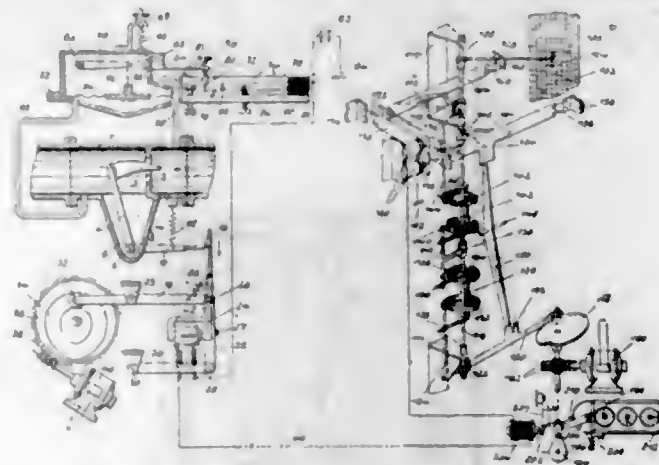
1. A flooring structure comprising, in combination, a plurality of U-shaped members placed side by side and with their bottom webs designed to rest on a supporting structure, and means located in their interiors, for dividing said interiors into a plurality of spaces or pockets to receive a filling material.

1,645,623. GEARING FOR OIL-WELL RIGS. WILLIAM F. RESCHKE, Wichita, Kans. Filed Aug. 15, 1924. Serial No. 732,329. 4 Claims. (Cl. 74-38.)



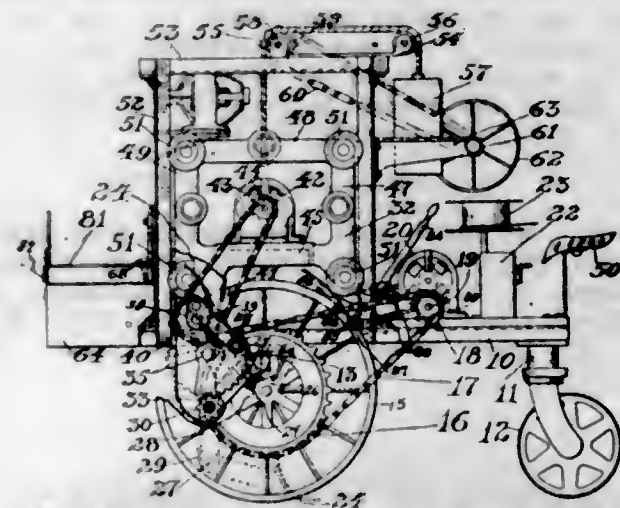
1. In a gearing for oil well rigs, a block, a leg, and brackets integral therewith, oiling means housed by said block, a roller rotatably mounted on said block, means for connecting said leg and brackets to the crank of an oil well rig shaft, all substantially as shown.

1,645,624. FLOW-MEASURING SYSTEM. ERICH ROUČKA, Blansko, Czechoslovakia. Filed Jan. 2, 1923. Serial No. 610,391, and in Czechoslovakia Apr. 19, 1922. 15 Claims. (Cl. 73-167.)



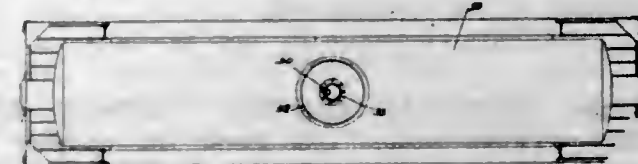
1. A flow device comprising an orificed member, a variable flow resisting device cooperating with said member, means for actuating said resisting device to vary the flow resistance, means responsive to variations in pressure difference caused by variations in said flow resistance, and means controlled by said responsive means to interrupt actuation of said flow resisting device by said actuating means when a certain pressure difference obtains.

1,645,625. SAND CUTTING AND MIXING MACHINE. HUGO R. SLIVINSKI, Chicago, Ill. Filed Feb. 2, 1924. Serial No. 690,148. 14 Claims. (Cl. 262-2.)



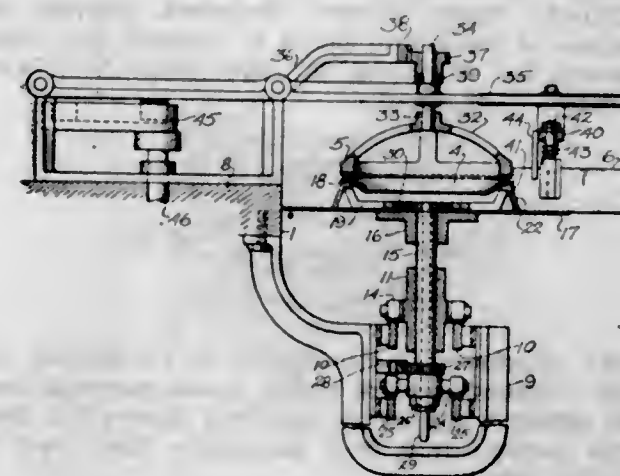
1. A machine for conditioning sand for foundries having a traveling frame and having an oscillatory cutting shovel mounted on said frame and operable to penetrate a pile of sand below the same and cut and toss said sand.

1,645,626. RAILROAD CAR. ABRAM E. SMITH, Huguenot Park, N. Y., assignor to Union Tank Car Company, Jersey City, N. J., a Corporation of New Jersey. Filed June 4, 1925. Serial No. 34,760. 10 Claims. (Cl. 105-362.)



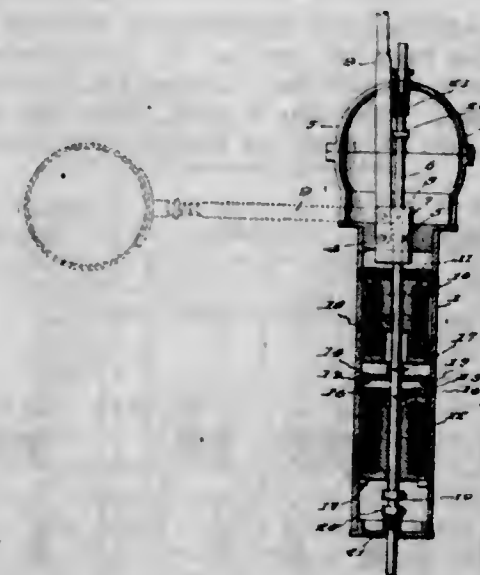
1. A railroad tank car having a tubular center sill, and an anchor casting for the tank comprising a member riveted to the tank and surrounding and clamped to the center sill.

1,645,627. PIE-MAKING MACHINE. DENNIS W. SMITH, Wilmette, Ill., assignor to Colborne Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed Mar. 15, 1924. Serial No. 699,496. 10 Claims. (Cl. 107-1.)



10. A device of the class described comprising a horizontal conveyor, rotatable pie supports carried by said conveyor and movable through a predetermined horizontal path, a reciprocating member located above said supports, a crimping element journaled on said member, means for moving said pie supports upwardly in succession into coacting relation with said crimping element, racks arranged substantially parallel to said conveyor, gears on said pie supports and crimping element adapted to coact with said racks for rotating said crimping element and the coacting pie support in synchronism, a scraper adjustably mounted on said reciprocating member and arranged to coact with the perimeter of said pie supports, and mechanism for synchronizing the movement of said reciprocating element with that of said conveyor during the engagement of said crimping element and scraper with said supports.

1,645,628. MAGNETICALLY-OPERATED SIGNAL. WARREN S. SMITH, Bangor, Pa. Filed July 3, 1926. Serial No. 120,320. 4 Claims. (Cl. 175-337.)



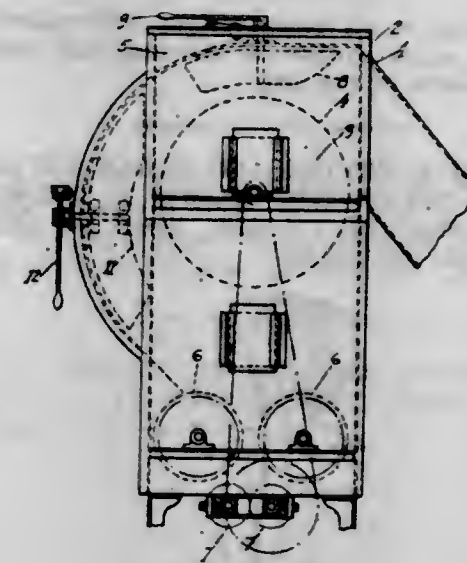
1. In combination with a support and a longitudinally movable member therein, a stationary magnet connected with the support, an armature on the member and attracted by the magnet, a movable magnet in the support, means for moving the same when the member is moved by the first magnet and a second armature attached to the member and adapted to be attracted by the second magnet for moving the member back to its normal position.

1,645,629. RAILROAD TIE. ANDERS JENSEN STOIBERG, Roundup, Mont., assignor of forty-nine one-hundredths to Blair-Collins Company, Roundup, Mont., a Corporation of Montana. Filed Feb. 2, 1927. Serial No. 165,428. 4 Claims. (Cl. 238-51.)



1. A railroad tie comprising a tie piece having hooks on its ends adapted to engage the outer sides of the rails, and clamps having hooks adapted to engage the inner sides of the rails, and having upright flanges in rigid relation to said last mentioned hooks and adapted to engage the outer sides of said first mentioned hooks.

1,645,630. COTTON CONDENSER. JOHN A. TART, Cincinnati, Ohio. Filed Feb. 9, 1926. Serial No. 87,161. 1 Claim. (Cl. 19-156.)

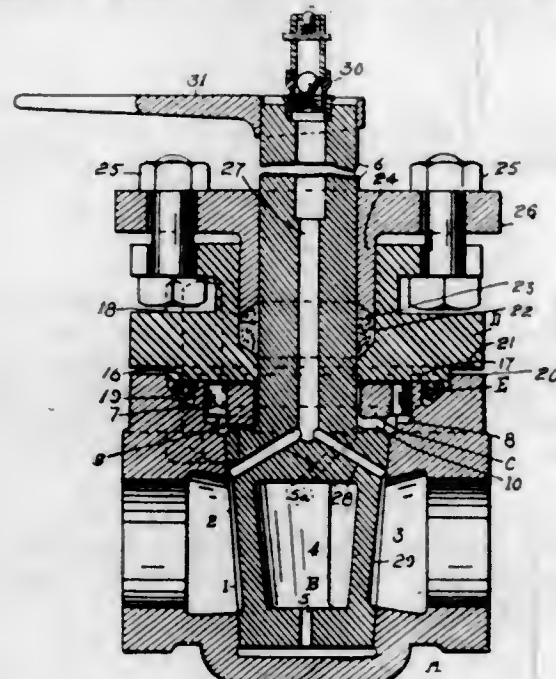


In a cotton condenser having a lint flue connected therewith, an air drum, and bat forming rolls therein, said condenser having a passage between said drum and said rolls, diverting means disposed in said passage for diverting the direction of flow of the lint stream, said diverting means comprising at least one set composed of a plurality of blades disposed in the direction of flow of the lint stream in said passage, and said set of blades having controlling members adjustable from the outer side of the condenser, said controlling members provided with cooperating connections whereby adjustment of one blade will correspondingly move another blade in said set.

1,645,631. ROTARY VALVE. WILLIBALD TRINKA, Pittsburgh, Pa., assignor to Homestead Valve Manufacturing Company, Homestead, Pa., a Corporation of Pennsylvania. Filed July 3, 1922. Serial No. 572,545. 11 Claims. (Cl. 251-162.)

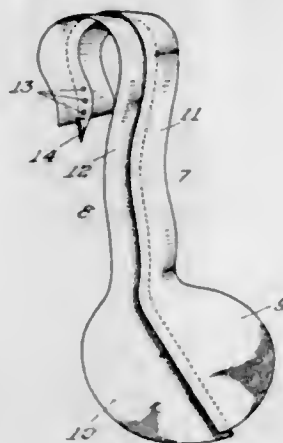
1. In a rotary valve, the combination of a valve body provided with a tapered seat, a plug fitting in said seat and provided with a stem, a cap through which said stem protrudes and clamped to said body to hold the plug in place, and a bearing ring interposed between said cap and said plug, said bearing ring being provided with concentric portions projecting from its lower surface and said plug being provided with concentric recesses in its upper surface to furnish the necessary clearance for said projections to allow for the rotation of said plug, and

the engagement of said projections with the ends of said recesses limiting the rotation of said plug and said bearing ring being also provided with flat parts on its lower



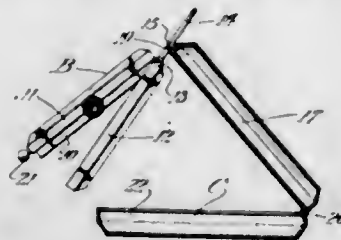
surface, bearing at all times against corresponding flat parts on the upper surface of the plug and preventing vertical movement of the plug.

1,645,632. MILK BOTTLE AND CREAM SEPARATOR FOR USE THEREWITH. ERNEST H. TURNELL, Chicago, Ill. Filed Oct. 22, 1925. Serial No. 64,196. 3 Claims. (Cl. 210—51.5.)



1. A separator for use in a milk bottle having a milk chamber and a cream chamber separated therefrom by an annular shoulder, said separator comprising a right hand section of ribbon-like formation throughout the greater portion of its extent but terminating at one end in a lobe portion, a left hand section of like formation, said sections overlapping each other in assembly, and fastening means for said sections at one of their ends.

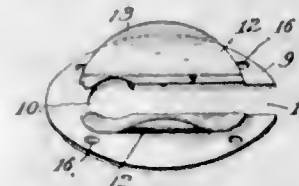
1,645,633. WATCH. FRANK E. WAKEFIELD, Elgin, Ill., assignor to Illinois Watch Case Company, Elgin, Ill., a Corporation of Illinois. Filed Aug. 9, 1926. Serial No. 128,180. 2 Claims. (Cl. 58—88.)



1. A watch comprising a two-part movement supporting case, a pair of hinged cover members for enclosing or sup-

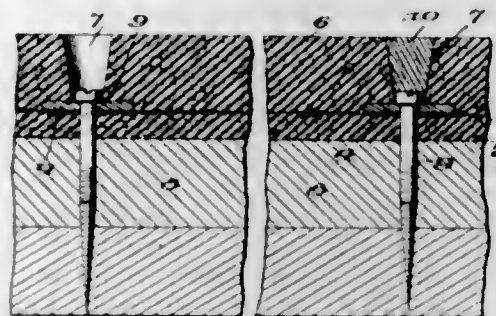
porting said watch in upright position therebetween, and a common hinge member connecting said case parts and one of said cover members.

1,645,634. ATTACHMENT FOR AUTOMOBILE INDICATORS. HENRY WATSON WEATHERS, Augusta, Ga., assignor of one-half to James P. Doughty, Jr., trustee, Augusta, Ga. Filed Aug. 28, 1924. Serial No. 734,647. 8 Claims. (Cl. 88—1.)



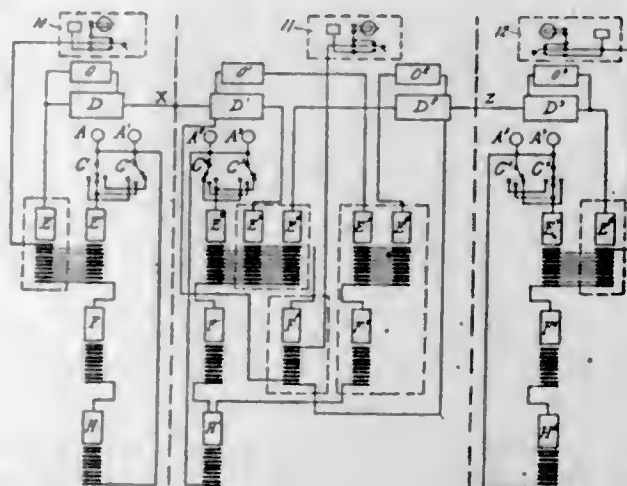
1. An attachment for indicators of automobiles comprising a mounting plate having means for attachment to the indicator and means supported thereby for directing the incident rays from automobile lights onto the indicating element.

1,645,635. PAVING. WILLIAM BURTON WESCOTT, Quincy, Mass., assignor to The Rubber Latex Research Corporation, Boston, Mass., a Corporation of Massachusetts. Filed Dec. 5, 1923. Serial No. 678,673. 5 Claims. (Cl. 94—12.)



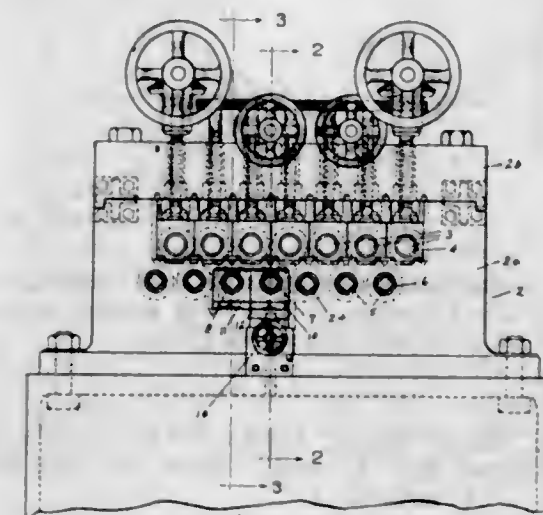
1. A paving block or sheet consisting of comminuted tire stock carrying relatively long threads or cords and impregnating latex rubber, said block or sheet carrying a horizontally placed reinforcement near its lower face and interlocking with said fibers.

1,645,636. AUTOMATIC TELEPHONE SYSTEM. JOHN WICKS, Oak Park, Ill., assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill., a Corporation of Delaware. Filed July 8, 1921, Serial No. 483,361. Renewed Jan. 25, 1926. 38 Claims. (Cl. 179—27.)



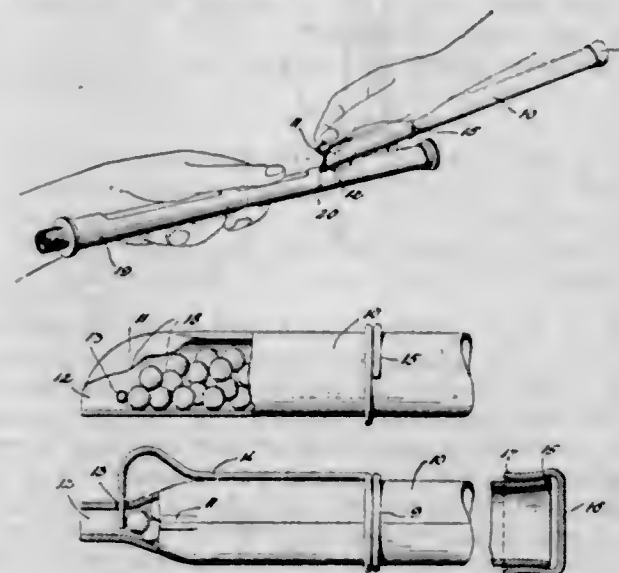
28. In a combined automatic and manual telephone system, a trunk line divided into two sections, two parallel intermediate sections connecting the first mentioned sections and individual to said trunk line, and switch control means in each of said intermediate sections.

1,645,637. LEVELING APPARATUS FOR METALLIC SHEETS AND THE LIKE. GEORGE A. WISE, Pittsburgh, Pa., assignor to Sutton-Abramsen Engineering Company, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed July 20, 1926. Serial No. 123,702. 6 Claims. (Cl. 153—54.)



1. In a machine for leveling sheet and plate metal the combination of a machine frame, a row of upper rolls, a row of lower rolls, rocker bearings at both ends of two lower rolls to permit longitudinal tilting of the rolls, vertically adjustable supporting means at opposite ends of the two tiltable rolls and cooperating with the rocker bearings thereof, and fixed supporting means at the other ends of said rolls.

1,645,638. SHOT LOADER. GEORGE W. ABRAHAM, Detroit, Mich. Filed Dec. 15, 1926. Serial No. 154,915. 6 Claims. (Cl. 42—87.)

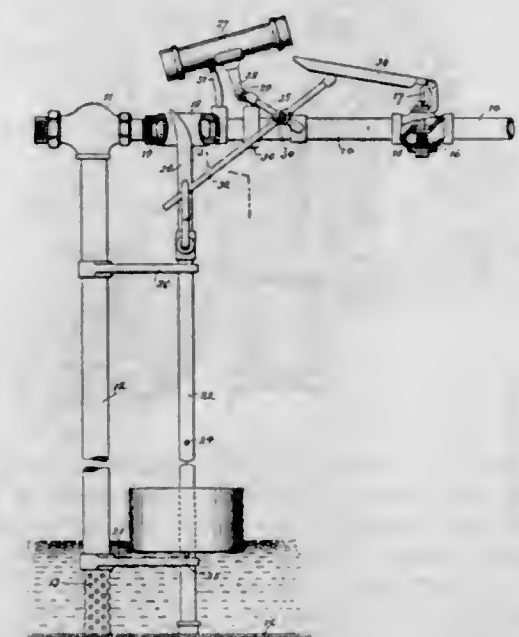


2. In a shot loading device, the combination of a tube, having a crimp in the side of one end to form an orifice adapted to discharge a single shot at a time, said crimp formed with adjacent indentations to prevent jamming of shot at said orifice; and a spring arranged across the orifice of the stem, being normally urged into the tube for obstructing the passage of the shot therethrough.

1,645,639. AUTOMATIC OPERATING DEVICE FOR STEAM-JET PUMPS OR THE LIKE. WILLIAM JOHN ANDERSON, Brooklyn, N. Y. Filed July 14, 1926. Serial No. 122,414. 1 Claim. (Cl. 137—68.)

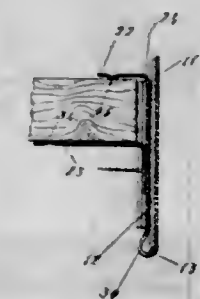
A quick acting valve mechanism normally spring held in closed position, a tank, a float in the tank, and means

under control of the float for opening the valve, said means including a float rod actuated by the float, a pivoted balancing device adapted to be actuated by the float rod, and a valve operating lever shifted by the balancing



device, a pair of pivoted levers, means carried by the levers for lifting the valve lever, hooks in the free ends of the first mentioned levers, whereby the balancing device is reset by the float mechanism.

1,645,640. PRICE-CARD HOLDER. ANTHONY AQUILA, Iselin, N. J. Filed Nov. 12, 1926. Serial No. 147,929. 6 Claims. (Cl. 40—16.)

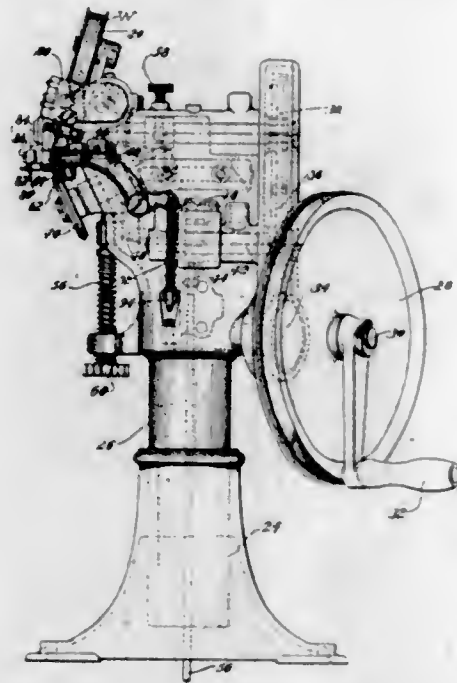


1. In a card holder of the character specified, a card holding body formed from a piece of sheet metal bent to form a backing member and a front member spaced therefrom, said two members tending to move away from each other and forming an open end card receiving chamber, one of said members having portions of its edges transversal to said open end bent in a front to rear direction and then inwardly to retain the other member in position, and a supporting member frictionally held between said inwardly bent edge portions and the member retained thereby, due to the outward pressure exerted by said retained member.

1,645,641. STRIP-ATTACHING MEANS. MILTON H. BALLARD, Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed May 6, 1921. Serial No. 467,828. 46 Claims. (Cl. 12—67.)

1. In an apparatus for attaching a strip of stock to an article, in combination, means to attach a strip to an

article, means to operate on the strip prior to attachment, and means to gage the location of the portion of

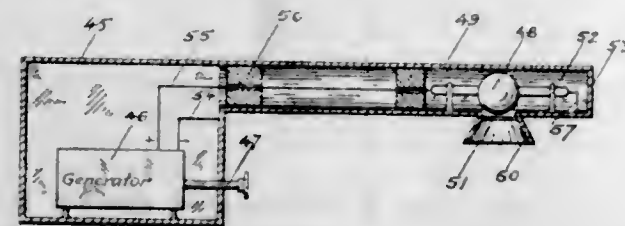


the strip operated on lengthwise with respect to the edge of the article to register said portion with a predetermined point on the article.

1,645,642. TREATING LEATHER. THOMAS BLACK-ADDER, Great Neck, N. Y. Filed Oct. 1, 1925. Serial No. 59,950. 6 Claims. (Cl. 149-6.)

2. The process of waterproofing leather and other porous materials which comprises impregnating such materials with an emulsion of water in oily materials, such emulsion containing an aluminum soap.

1,645,643. NONGROUNDED TRANSMISSION LINE. LOUIS H. CROOK, Washington, D. C., assignor of one-half to Herman Jakobsson, Takoma Park, Md. Filed Oct. 21, 1926. Serial No. 143,207. 4 Claims. (Cl. 250-34.)

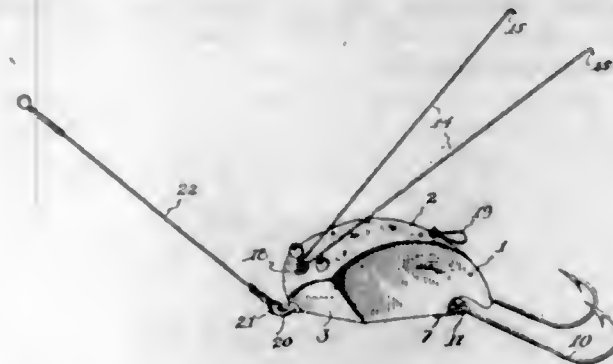


1. In a non-grounded electric transmission line, a closed metallic chamber, a generator of electric energy in said chamber, a receiving instrument in the chamber, both said generator and said instrument being suitably insulated from the metallic chamber, an insulated lead from one pole of said generator connecting with the corresponding pole of said instrument, and other leads connecting the other poles of the generator and the instrument respectively with the metallic chamber, substantially as set forth.

1,645,644. ARTIFICIAL BAIT. SAM F. DAVENPORT, Auburn, Ind., assignor to The Creek-Chub Bait Co., Garrett, Ind., a Corporation of Indiana. Filed Oct. 4, 1926. Serial No. 139,462. 6 Claims. (Cl. 43-39.)

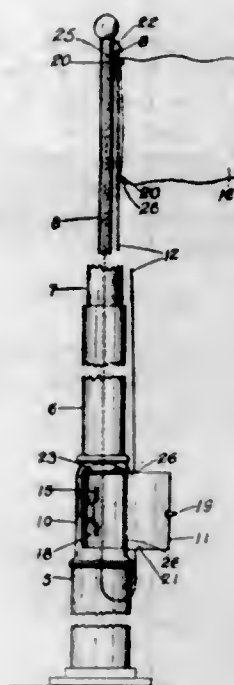
1. In an artificial bait, a body portion having a pointed front end and a flat bottom with a transverse groove

therein, and provided with a squared rear end to produce a violent wake and having a pronounced notch



therein in simulation of an insect, and hooks pivotally connected to the bottom of said body portion with their pivots disposed in said transverse groove.

1,645,645. FLAG POLE. JOHN E. DAVIS, Cincinnati, Ohio. Filed May 4, 1926. Serial No. 106,784. 3 Claims. (Cl. 116-173.)

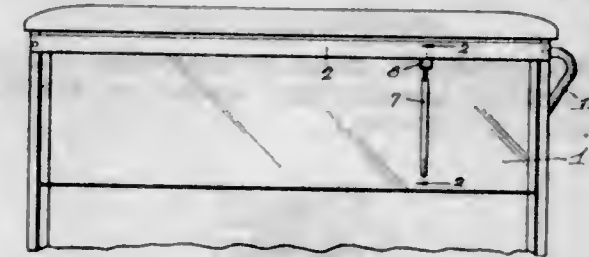


3. In a device of the class described the combination of a hollow flag pole having an opening adjacent its top and a second closable opening spaced at a distance below the first mentioned opening, an endless hoisting means extending through both of said openings whereby said hoisting means is disposed part interiorly and part exteriorly of the hollow flag pole, and a flag secured by the hoisting means and adapted to be selectively raised exteriorly of the pole and lowered to pass through the lower closable opening whereby the flag is alternately flown from the pole and housed within the hollow pole upon movement of the hoisting means in opposite directions.

1,645,646. WINDSHIELD WIPER. WILLIAM B. GRAY, Chicago, Ill. Filed Feb. 20, 1926. Serial No. 89,556. 3 Claims. (Cl. 15-253.)

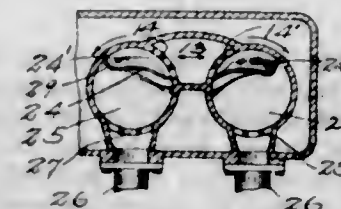
1. In a wind shield wiper, the combination of a guide extending transversely at the upper portion of the wind shield, in front thereof, a controller handle inside the wind shield, adjacent one end portion of said guide, for use in starting the operation of the wiper, a traveler on said guide, movable back and forth longitudinally thereof, a wiper carried by said traveler to engage the front surface of the wind shield, thereby movable bodily back and forth across the front surface of the wind shield, and

instrumentalities controllable by said controller handle and including means engaging and operative to cause said traveler to move back and forth along said guide,



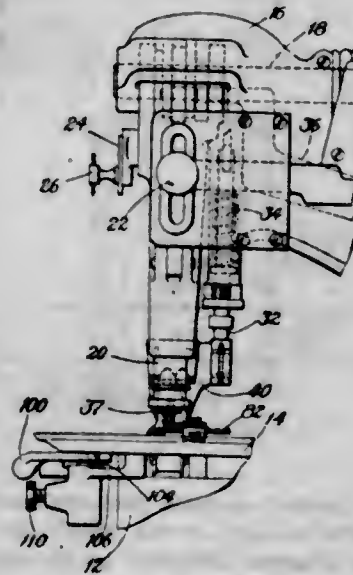
thereby to operate the wiper, there being a controller shaft extending through the shield structure to connect said controller handle to said instrumentalities.

1,645,647. INTERNAL-COMBUSTION ENGINE. THOMAS A. HUTSELL, Spokane, Wash., assignor to Hut-sell Motor Company, Spokane, Wash. Filed Aug. 29, 1923. Serial No. 659,989. 1 Claim. (Cl. 123-59.)



The combination with a pair of working cylinders each having oppositely disposed inlet and exhaust ports and a directly communicating passage between the respective inlet ports, of a working piston in each cylinder having an approximately transversely disposed arcuate baffle wall terminating in a radial end and adapted to separate the space between the inlet ports when the pistons are at lowermost position, and an upwardly inclined arcuate surface on each piston exterior of the baffle wall, terminating at the radial portion of the baffle wall whereby an incoming stream is given an upward swirling motion in each cylinder.

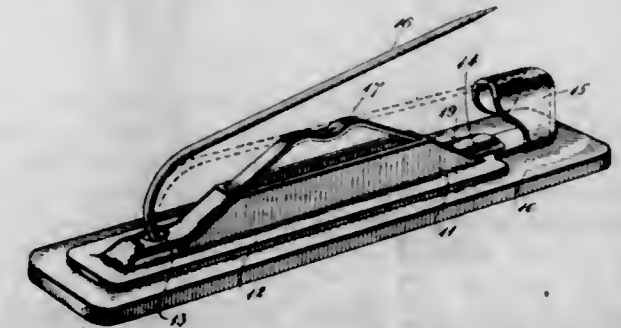
1,645,648. PERFORATING. FRANK BYCROFT KNALL, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Dec. 31, 1924. Serial No. 759,020, and in Great Britain Jan. 29, 1924. 26 Claims. (Cl. 164-88.)



1. In a machine of the character described, means for operating upon a piece of work and feeding it along a line, a presser foot for holding the work, said presser foot being constructed and arranged so that it may be shifted into a position to contact with the work at either side

of the line of feed, a gage member having opposed edges suitable for contact with the work to guide the same, and means for moving said gage member into corresponding positions upon opposite sides of the line of feed.

1,645,649. PIN. CLIFFORD G. KING, Providence, R. I. Filed Feb. 15, 1927. Serial No. 168,460. 3 Claims. (Cl. 24-161.)



1. A pin comprising a front plate, a back plate secured thereto, a pin-tongue of spring material bent upon itself and comprising an upper and a lower arm, said back plate consisting of a flanged hollow casing substantially co-extensive in length with the lower arm of said pin-tongue, and a catch at one end of said back plate, the other end of said back plate having an opening and the bent portion of said pin-tongue passing through said opening.

1,645,650. ELECTRIC PLUG. THOMAS WATTS KIRK-MAN, New York, N. Y. Filed Apr. 11, 1925. Serial No. 22,478. 5 Claims. (Cl. 178-361.)

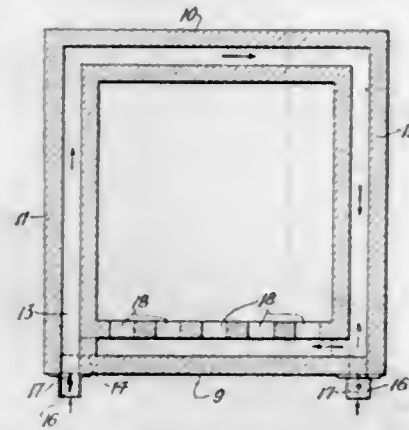


3. In a jack plug, the combination of a tip contact; a sleeve contact; a body on which said contacts are mounted; connectors mounted in opposed spaced relation within said body and respectively connected with said tip and sleeve contacts; and a single cam movably mounted in said body between said connectors, and operable to clamp the inserted terminals of a conductor cable against said connectors.

1,645,651. FINELY-DIVIDED-FUEL-BURNING FURNACE. HENRY KREISINGER, Piermont, N. Y., assignor to Combustion Engineering Corporation, New York, N. Y., a Corporation of New York. Original application filed Dec. 13, 1920, Serial No. 430,224. Divided and this application filed Sept. 26, 1924. Serial No. 740,015. 2 Claims. (Cl. 110-28.)

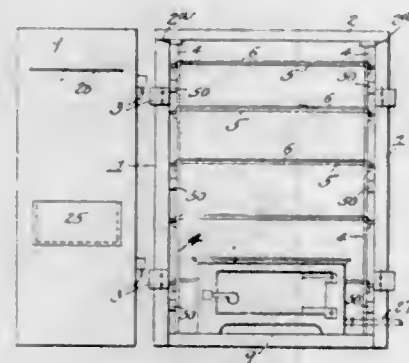
1. A combustion chamber for burning fuel in finely divided form having the wall surrounding the chamber provided with a plurality of vertically spaced horizontally disposed channels extending substantially around the

chamber, each channel being blind at one end, with air inlets to the combustion space in the region of the blind end and having an air inlet at the other end, the air inlets for adjacent channels being located adjacent opposite vertical edges of one wall of the chamber and the blind end of each channel being adjacent the air inlet for that channel, whereby the air traverses adjacent channels in opposite directions, and means for admitting the fuel.



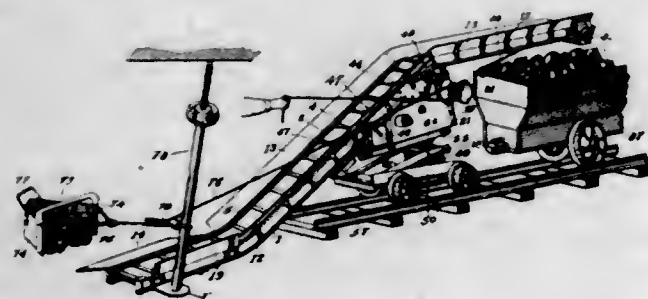
posite vertical edges of one wall of the chamber and the blind end of each channel being adjacent the air inlet for that channel, whereby the air traverses adjacent channels in opposite directions, and means for admitting the fuel.

1,645,652. KITCHEN CABINET. MARIE P. LEEDS, New York, N. Y. Filed Apr. 30, 1924. Serial No. 710,060. 5 Claims. (Cl. 45-16.)



1. A cabinet for stoves comprising two sides, a metal lining for each side, spaced therefrom connecting and provided with holes, a top connecting-supporting rods connecting the sides and extending between the sides and thru the holes in said linings, shelves removably supported on said rods and doors carried by the sides.

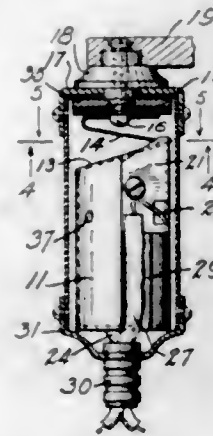
1,645,653. METHOD AND MACHINE FOR LOADING COAL. NILS D. LEVIN, Columbus, Ohio, assignor to The Jeffery Manufacturing Company, Columbus, Ohio, a Corporation of Ohio. Filed Nov. 27, 1920, Serial No. 426,829. Renewed Mar. 10, 1927. 35 Claims. (Cl. 214-93.)



1. In a machine for loading coal in mines, the combination with a supporting truck, an elongated conveyor frame mounted upon said truck and adapted for adjustment in vertical planes whereby its receiving end may be placed in operative position in contact with the mine floor and may be elevated to traveling position, conveyor devices within the frame, and an apron hinged to said

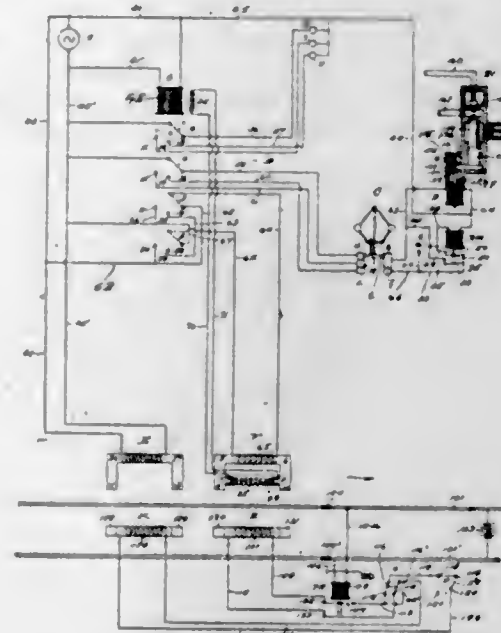
conveyor frame and adapted when in operative position to form an inclined plane over which material may be moved from the mine floor to the conveyor and which may be folded in traveling position upon the conveyor.

1,645,654. DIMMER. HANS K. LORENTZEN, New York, N. Y. Filed Aug. 13, 1924. Serial No. 731,742. 4 Claims. (Cl. 201-48.)



1. In a variable resistance device for electrical circuits, an elongated coil supporting member formed of insulating material, a coil wound on the supporting member longitudinally thereof, a casing for the coil and the supporting member, a switch arm rotatably mounted on one end of the casing, a contact member mounted on the inner face of the end of the casing and arranged to be moved by the arm, the adjacent end of the coil and the coil support being inclined to the axis of the support to facilitate engagement of the coil winding by the contact member, and conductor-receiving channels extending axially of the coil supporting member on opposite sides thereof.

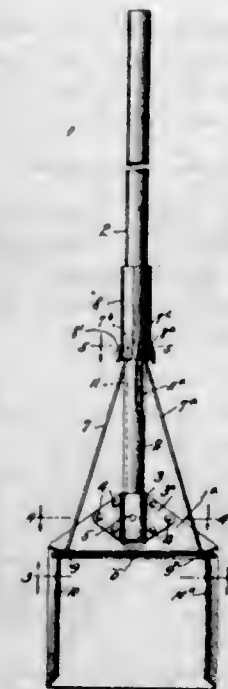
1,645,655. INTERMITTENT INDUCTIVE TRAIN-CONTROL SYSTEM. WILLIAM REED MCCATHRAN, Washington, D. C. Filed Oct. 24, 1923, Serial No. 670,547. Renewed Mar. 12, 1927. 4 Claims. (Cl. 246-63.)



1. In a train control system, the combination with the track rails, track battery, track relay, a normally de-energized track magnet adapted to be energized by a train magnet, and a second normally de-energized track magnet adapted to be energized by the current induced in a coil of said first track magnet flowing through the contacts of said track relay in closed position, of a constantly energized train magnet adapted to cooperate with said first track magnet, a second normally weakly

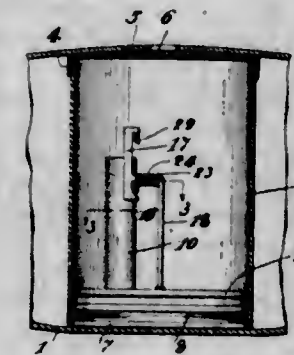
energized train magnet adapted to be reversely energized by induction from said second track magnet, and a train-controlled relay actuated by current induced in a coil of said second train magnet.

1,645,656. SHOVEL. HENRY H. MILLER, River Edge, N. J. Filed Aug. 24, 1925. Serial No. 51,974. 2 Claims. (Cl. 294-50.)



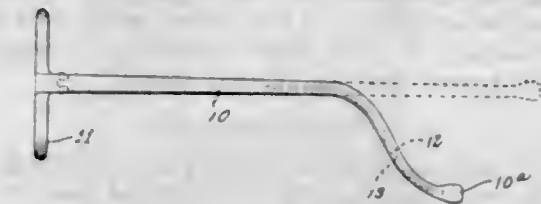
1. A shovel comprising a handle portion and a blade connected thereto and extending at an angle from the axis thereof, a scraper mounted on the upper surface of the blade and reciprocable up and down along such surface, means on the blade for engaging and guiding the opposite edges of the scraper in its reciprocating movement, and operating sleeve mounted to slide on the handle, and connecting rods on opposite sides of said handle having a fixed connection with said scraper and a swinging connection with the operating sleeve.

1,645,657. SOUND PRODUCING AND CONTROLLING DEVICE. LOUIS A. NEMCOVSKY, New York, N. Y., assignor to Voices, Incorporated, a Corporation of Delaware. Filed Aug. 18, 1922. Serial No. 582,585. 12 Claims. (Cl. 46-46.)



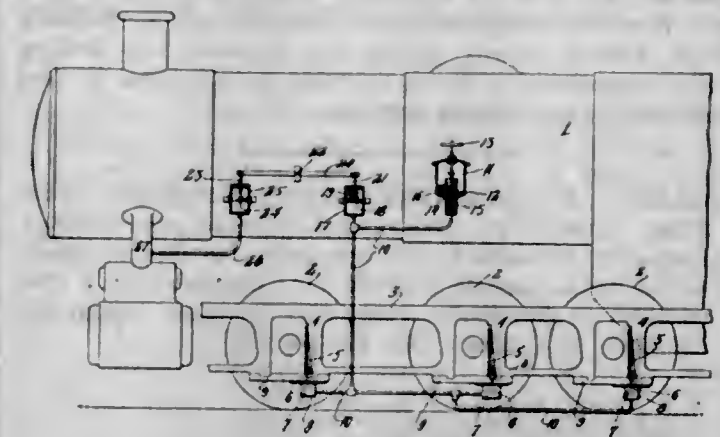
4. In a sound producing device, a bellows having fixed and movable heads, a sounding reed operated by the flow of air in the movement of the movable head in one direction and a chamber carried by the movable head receiving the sound from said reed having an emission aperture in its wall, a guide for the movable bellows head, and a control valve mounted on said guide in constant sliding contact with the wall of said chamber and cooperating with the sound emission aperture therein to control the emission of the sound.

1,645,658. EYEGLASS CONSTRUCTION. GEORGE E. NERNEY, Attleboro, Mass. Filed July 21, 1925. Serial No. 44,962. 5 Claims. (Cl. 88-52.)



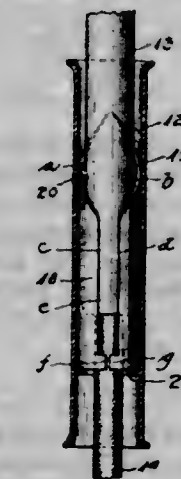
1. In construction for eyeglass temple bars, in combination, a temple bar member comprising a solid bar of non-metallic material and bent to a curved contour at a portion adjacent the rear end thereof, said curved rear end portion having the material thereof removed to form therein an axially extending passage, and a solid reinforcing metal wire member in said passage to hold said curved portion of said temple bar member against straightening out, said metal wire member being bent with said temple bar member and having in its surface a spiral groove.

1,645,659. LOCOMOTIVE-DRIVING-BOX WEDGE-ADJUSTING DEVICE. FRANK RICHARD PETERS, New York, N. Y., assignor to Franklin Railway Supply Company, a Corporation of Delaware. Filed Mar. 16, 1925. Serial No. 15,737. 7 Claims. (Cl. 105-81.)



1. A locomotive wedge adjusting device having fluid pressure means acting against the wedge to tighten the same when the engine is working steam, said means being actuated by steam pressure of the locomotive.

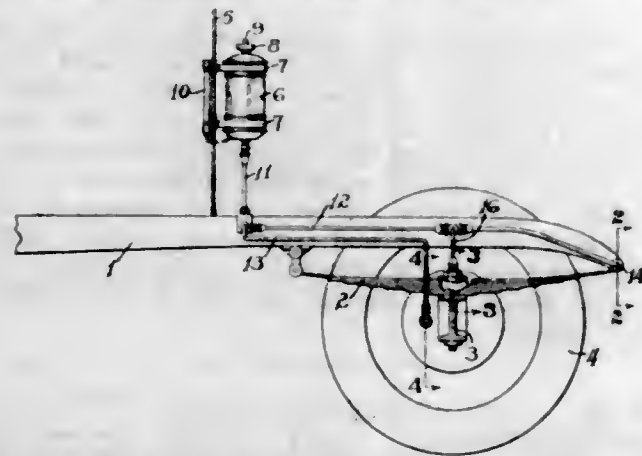
1,645,660. INSTRUMENT SUPPORT. ALPHONSE F. PIEPER, Rochester, N. Y. Filed Oct. 8, 1926. Serial No. 140,354. 4 Claims. (Cl. 32-5.)



1. In a dental unit, the combination of a support, an instrument socket on said support, an instrument for engaging in said socket, a power supply cord extending into

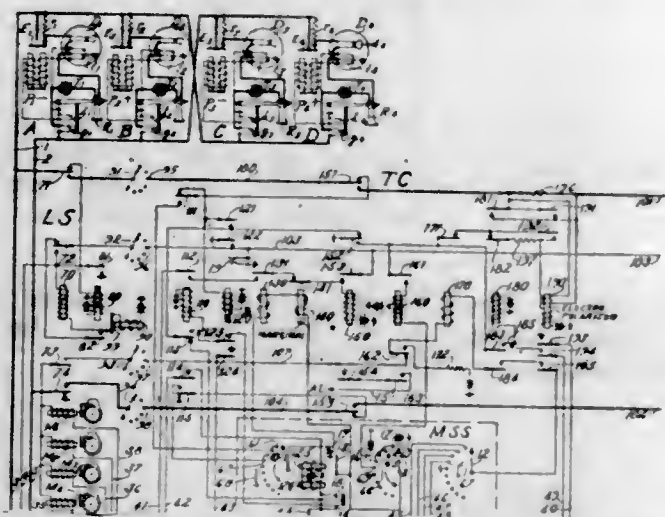
said socket and connected with said instrument, the other end of said cord terminating within said support, means tending to draw said cord into said support whereby said instrument when released will be drawn into the socket, and means for rotating said instrument when it is pulled into said socket to cause said instrument to assume a determined normal position in said socket.

1,645,661. AUTOMATIC LUBRICATION SYSTEM. EDWARD R. PILLARS, Fostoria, Ohio. Filed Nov. 8, 1926. Serial No. 146,959. 6 Claims. (Cl. 184-7.)



1. In a lubrication system for elements having bearings and which are subjected to vibration when in use, a reservoir for a fluent lubricant, connections providing a duct from the reservoir to the element, and a normally closed feeding means within the element, the feeding means comprising a device operable by vibration to feed lubricant to the bearing surface.

1,645,662. MEASURED-SERVICE TELEPHONE SYSTEM. RODNEY G. RICHARDSON, Chicago, and JOHN I. BELLAMY, Brookfield, Ill., assignors, by means assignments, to Automatic Electric Inc., Chicago, Ill., a Corporation of Delaware. Filed Oct. 23, 1924. Serial No. 745,334. 20 Claims. (Cl. 179-9.)



1. In a measured service party line telephone system, party lines, meters at the exchange, one for each party on each line, a meter selecting switch at the exchange common to said lines set in motion responsive to a call from any station on any said line, and electromagnetic means at the station of the line calling for stopping said switch in the correct position to select the meter which corresponds to the calling station.

1,645,663. STAIR CARPET AND LIKE FASTENING. CHARLES EDWIN ROSE, Willenhall, England. Filed Aug. 31, 1925, Serial No. 53,528, and in Great Britain Jan. 10, 1925. 8 Claims. (Cl. 16-14.)

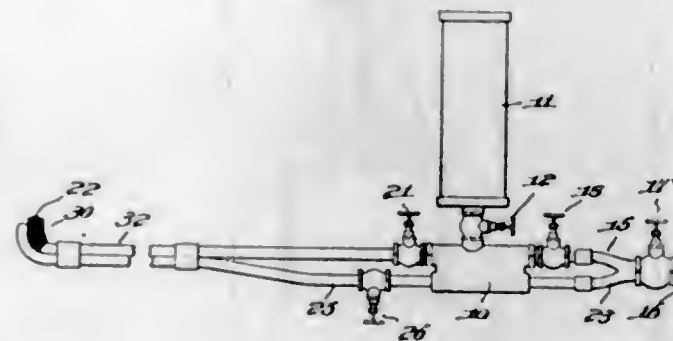
1. A stair carpet or like fastening, comprising a bracket formed with a rear cavity, a spring element located at the

back of the bracket, and extending across the cavity, and a clip arm with a longitudinally extending tongue piece spaced back therefrom, the said arm having an endwise



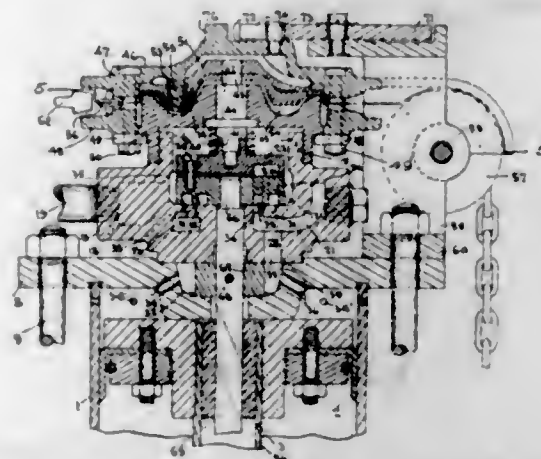
movement on to the bracket with the tongue piece entered in the cavity of the bracket and the opposed end of the arm extending over the front of the same, and with the spring element bearing against the clip arm.

1,645,664. METHOD FOR REMOVING DEPOSIT, SCALE, OR INCRUSTATIONS FROM METAL. GALLUS RÜTSCH, Rorschach, Switzerland. Filed June 8, 1925, Serial No. 35,799, and in Germany July 25, 1924. 2 Claims. (Cl. 29-81.)



1. In a process for removing slaggy crusts deposited from combustion gases on the walls of combustion chambers of boiler furnaces and the like, the step of subjecting the crust to a flame of relatively low temperature produced by burning a low grade oil until the crust splits and becomes loosened from the metal.

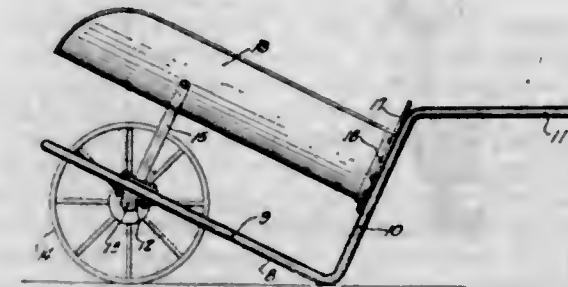
1,645,665. AIR HOIST. WILLIAM E. SIMPSON, Detroit, Mich., assignor to Palmer-Bee Company, Detroit, Mich., a Corporation of Michigan. Filed Apr. 3, 1922. Serial No. 549,232. 12 Claims. (Cl. 121-40.)



1. In a fluid pressure hoist, the combination with a cylinder, of a piston slidable therewithin, a main rotary valve co-axial with said piston for controlling the entrance and discharge of the fluid to and from said cylinder to actuate said piston in opposite directions, an auxiliary rotary valve concentric with said main rotary valve and adapted to close said main rotary valve when the same

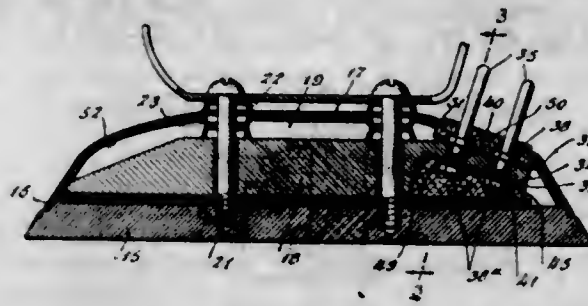
has become stationary, and a shaft co-axial with said piston and connected thereto to be rotated thereby, said shaft being connected to said auxiliary rotary valve to rotate the same upon movement of said piston.

1,645,666. WHEELBARROW. IRVING R. SMITH, Milwaukee, Wis., assignor to Sterling Wheelbarrow Company, Milwaukee, Wis., a Corporation of Wisconsin. Filed Nov. 29, 1926. Serial No. 151,409. 2 Claims. (Cl. 280-52.)



1. A wheelbarrow, comprising a hopper having a closed rear end portion, a supporting member, a plate carried by the supporting member, said plate having openings therein, a curved saddle member engaging and supporting the rear portion of the hopper, tongues formed at the rear portion of the saddle member and entering said plate openings, means for connecting the rear end portion of the hopper to the plate, and a wheel carried by said supporting member.

1,645,667. ELECTRIC SADIION. OTTO SPAHR, Philadelphia, Pa. Filed Apr. 19, 1924. Serial No. 707,567. 4 Claims. (Cl. 219-25.)

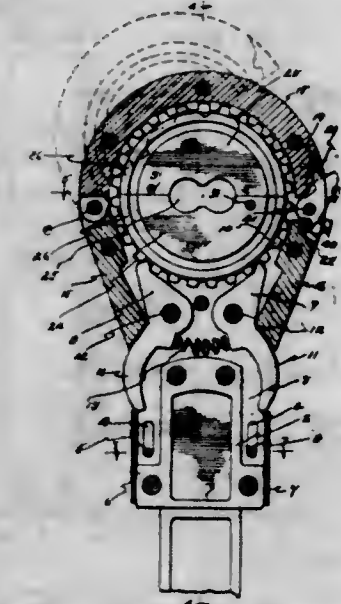


4. An electric iron comprising a body, a casting having an end recess, a heating element between said body and casting, a flange extending from the recessed end of said casting, a pair of terminal rods carried by said flange, metallic members extending transversely along the inner surface of said flange whereby said heating element is connected with said terminal rods, an insulating block fitted into said end recess between said flange and heating element to protect said terminal rods against overheating, a shell enclosing said casting, and provided with an aperture, an insulating block mounted upon said terminal rods and projecting through said shell aperture and beyond the same, interior washers located between said shell and casting, an insulating sheet fitted over said interior washers and over said last named insulating block between said casting and shell, a handle and screws whereby said handle, shell, casting and body are secured together.

1,645,668. WIRE-SPlicing TOOL. WARNER D. STERSON, Detroit, Mich. Filed June 9, 1924. Serial No. 718,730. 8 Claims. (Cl. 140-119.)

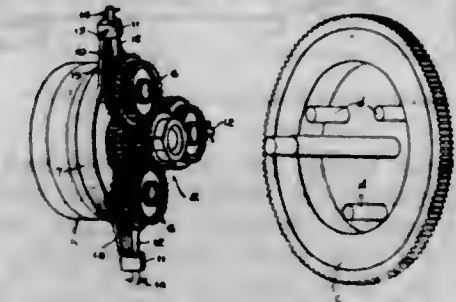
1. A wire splicing tool comprising a handle having a separable two-part head apertured to receive a die, the handle being rigidly connected with one of the head parts and the other of said parts being pivotally attached thereto independently of the handle, a die comprising two separable semicircular halves rotatably mounted in the

head, the die parts being provided with circular ribs and the head parts being provided with circular grooves to receive the said ribs, the die being provided with a toothed periphery, a pair of dogs pivotally mounted in the handle,



a coiled spring normally holding the dogs in engagement with the toothed periphery of the die, a pair of members mounted on the handle and adapted to be manually moved to engage the respective dog and retract it from engagement with the toothed periphery of the die.

1,645,669. GEAR-WHEEL HOLDER. THOMAS K. STEVENSON, New York, N. Y., assignor to Francis Van Blarcom, New York, N. Y. Filed Jan. 4, 1927. Serial No. 158,865. 5 Claims. (Cl. 29-89.)

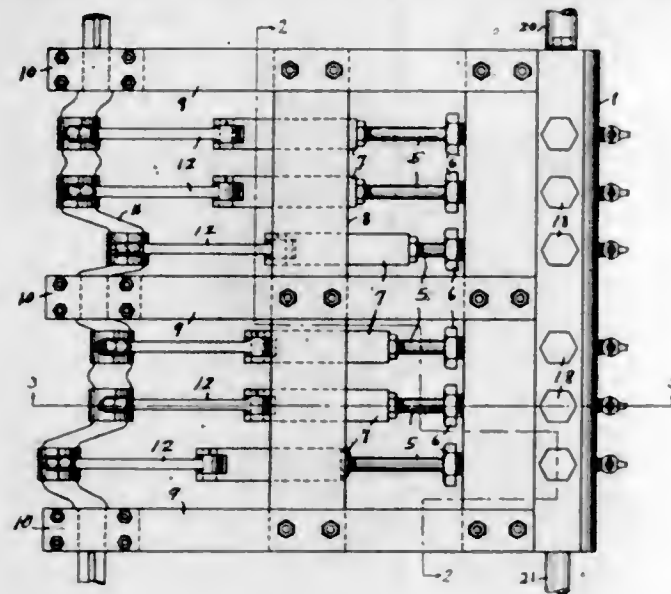


1. A gear wheel holder comprising a band adapted to be disposed concentrically of a spur gear wheel and a plurality of carriers extending radially outward from the band and slidably connected thereto, said carriers adapted for supporting a plurality of spur gear wheels by engaging therewith, and further adapted for moving the gear wheels radially inward and into engagement with the gear wheel disposed centrally of the band.

1,645,670. PUMP MECHANISM. HOMER C. THURFT, Houston, Tex. Filed Dec. 10, 1923. Serial No. 679,655. 1 Claim. (Cl. 230-184.)

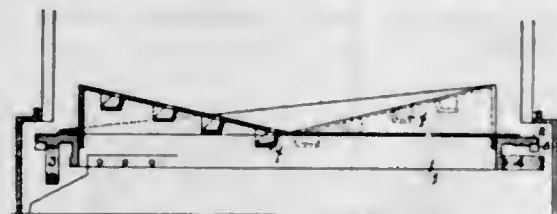
A pump including an elongated pump head having an intake manifold and a discharge manifold extending lengthwise therethrough, said head having a plurality of bores forming cylinders, plungers in said cylinders, a plurality of pairs of bars, the bars of each pair being spaced apart and connected at one end to said head, bearing blocks secured between the other ends of the respective pairs of bars, each block having a bearing, a crank shaft rotatable in said bearings and formed with wrists, a guide block secured between the bars and spaced from said head and crank shaft, said guide block being formed with bearings, push bars in the bearings of said guide block, connecting rods pivotally connected to the respective push

bars at one end and whose other ends are formed with bearings on the respective wrists of the crank shaft, rods rigidly connecting the push bars to the corresponding



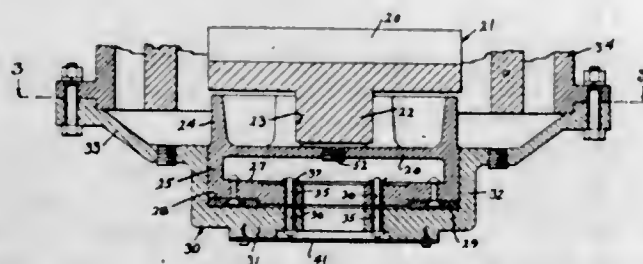
plungers, valve seats through which the respective cylinders communicate with the intake and exhaust manifolds and intake and exhaust valves controlling said seats.

1,645,671. SELF-SCRAPING HEARTH FOR GAS GENERATORS AND OTHER FURNACES. LEON TRÉPOIS, Brussels, Belgium. Filed June 16, 1925, Serial No. 37,538, and in Belgium June 24, 1924. 4 Claims. (Cl. 126—182.)



1. A revolving hearth for gas furnaces and the like comprising a plurality of sections, each of said sections comprising a surface generated by a line one end of which pivots at a point at the hearth center and the other end follows an outer directing curve at the hearth periphery, said outer curve being at a higher level than the pivotal center, whereby the fuel is prevented from moving outward under the action of centrifugal force.

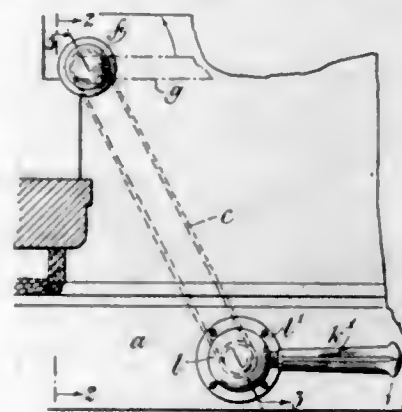
1,645,672. AUTOMATIC DISCONNECTING DEVICE FOR ROCK CRUSHERS. PETER EDWIN VAN SAUN, Los Angeles, Calif. Filed May 10, 1926. Serial No. 107,916. 3 Claims. (Cl. 83—10.)



1. In a rock crushing apparatus, in combination a frame having a stationary crushing jaw, a movable crushing jaw disposed in crushing relation to said first named jaw, a shaft pivoted at its upper end for operating said movable crushing jaw, an eccentric for imparting motion to said shaft, a coupling member having a driving means, a second coupling member connected to said ec-

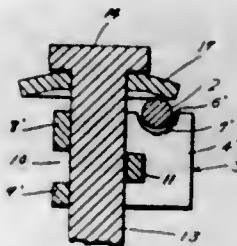
centric, and a frangible connection means for securing the couplings in driving relation to each other, said means adapted to disconnect the two coupling members when an excess strain is imparted to the apparatus.

1,645,673. SHUTTER-OPERATING DEVICE. CURTIS HUSSEY VEEDER, Hartford, Conn. Filed June 24, 1926. Serial No. 118,168. 3 Claims. (Cl. 268—95.)



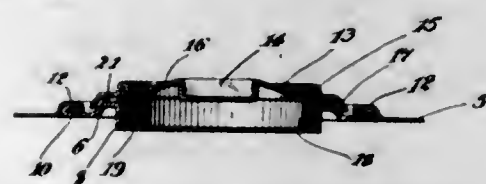
1. In a shutter operating device, the combination of a casing, curved in a vertical plane and having one end substantially in line with the hinge axis of the shutter, a flexible shaft disposed within the casing and adapted to engage the shutter at one end in line with the hinge axis, means applied to the flexible shaft at the other end to rotate the shaft, and means to secure the flexible shaft and shutter in adjusted position of rotation.

1,645,674. PLASTERER'S NAIL. GEORGE F. VOIGHT, Oakland, Calif., assignor to Economy Products Corporation, a Corporation of California. Filed Aug. 30, 1923. Serial No. 660,208. 10 Claims. (Cl. 72—118.)



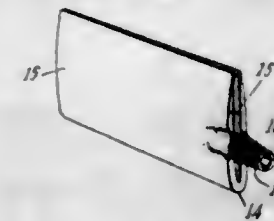
2. In a device of the character described, a U-shaped sheet metal clip having its intermediate body portion extending around the back of a nail, a portion of said body portion struck forwardly to form a rib engaging the front of the nail.

1,645,675. BUNG FOR METAL RECEPTACLES. WILLIAM E. WARNER, Linden, N. J., assignor to Warner Bros. Inc., Newark, N. J., a Corporation of New Jersey. Filed Mar. 13, 1926. Serial No. 94,387. 5 Claims. (Cl. 220—39.)



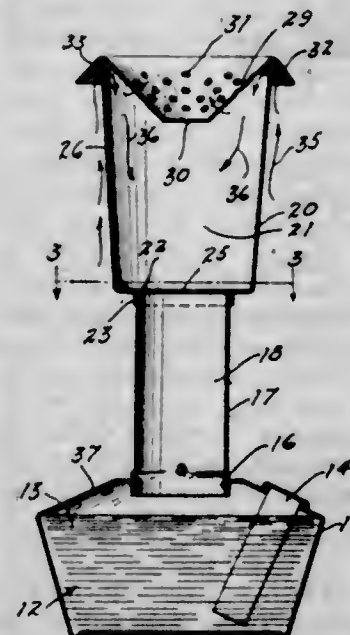
1. A bung for receptacles consisting of a drawn sheet metal head plate having a central rectangular wrench receiving socket and an annular marginal flange angularly positioned relative to the plane of said head plate, and an externally threaded sleeve fixed at one of its ends to said head plate in inwardly spaced relation from said flange and in concentric relation therewith.

1,645,676. STROPPING HOLDER FOR SAFETY-RAZOR BLADES. GRACE B. WHEELER, Boston, Mass. Filed May 13, 1927. Serial No. 191,063. 1 Claim. (Cl. 30—25.)



For use with a handle having a tapped socket in one end, a blade gripper composed of a resilient neck, resilient jaws connected by the neck and extending side by side therefrom, the jaws having thin outer edges parallel with the neck, shank sections integral with the jaws and projecting from the inner ends thereof, said sections being normally spaced yieldingly apart by the jaws, and provided with semi-cylindrical longitudinally tapered external surfaces, each having screw-thread portions, the sections collectively constituting an externally tapered screw-threaded compressible shank, adapted to be compressed by the operation of screwing the handle on to the shank, and thereby press the jaws inwardly against the sides of an interposed blade, the outer edges of the jaws being normally spaced apart at their inner ends, and converging therefrom to their outer ends which normally contact with each other, so that a blade may be freely inserted between the inner ends and caused to separate the outer ends, before the engagement of the handle with the shank, the arrangement being such that when the handle is screwed upon the shank, the outer edges of the jaws are pressed against the blades and firmly grip the same, the convergence of said edges to their outer ends causing a grip of uniform force from end to end of the blade, the outer end portion of the blade being gripped only by the outer ends of the jaw edges when the handle is removed, so that said ends constitute a pivot on which a two-edged blade may be swung between the jaws to reverse its position, and locate another edge in position to be stropped, without separating the blade from the gripper.

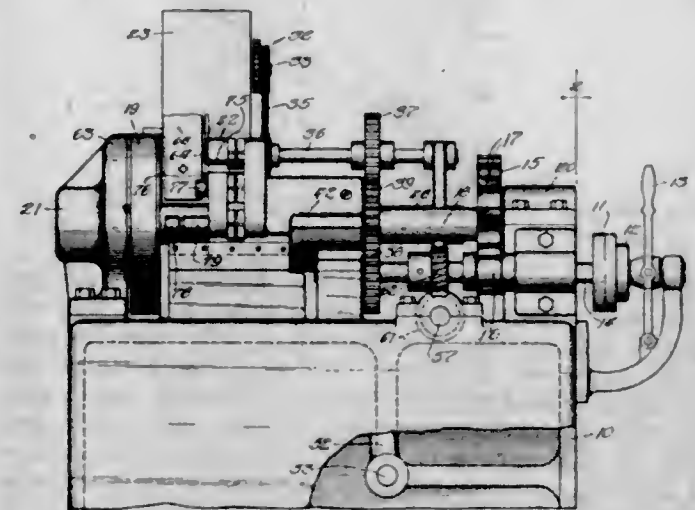
1,645,677. ORCHARD HEATER. BIRDIE V. WITT, Pasadena, Calif., and CHARLES O. NELSON, Chicago, Ill. Filed May 3, 1926. Serial No. 106,438. 7 Claims. (Cl. 158—91.)



1. In an orchard heater the combination of: walls forming a fuel reservoir; walls forming a passageway for gas leading upwardly from said reservoir; a wall disposed across the upper end of said passageway and hav-

ing an opening therein to form a restricted throat; walls forming a combustion chamber disposed above said throat so that said throat communicates therewith; a frusto-conical gas-mixing plate having a central opening and inserted in the upper portion of said combustion chamber, there being means for introducing air into said combustion chamber substantially between the walls thereof and said plate.

1,645,678. DRY-CELL-CORE-MAKING MACHINE. CLEMENTS S. AFFHOLDER, Madison, Wis., assignor to French Battery Company, a Corporation of Wisconsin. Filed Feb. 7, 1927. Serial No. 166,394. 15 Claims. (Cl. 18—5.)

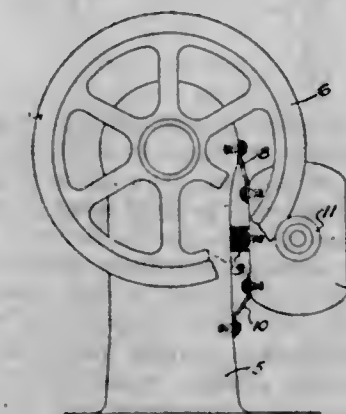


1. In a device of the character described; a hopper provided with a mouth; a mold cavity adjacent said mouth; a tubular measuring sleeve adapted to be forced longitudinally through material in said hopper to a position with one end adjacent said mouth; and a plunger in said sleeve adapted to be forced therethrough to eject material from said sleeve into said mold cavity and compress the same therein.

1,645,679. PETROLEUM-REFINING PROCESS AND REAGENT FOR THE REMOVAL OF SULPHUR. FRANK C. AXTELL, South Pasadena, Calif., assignor to Axtell Research Laboratories, Inc., Los Angeles, Calif., a Corporation of California. Filed Dec. 27, 1926. Serial No. 157,427. 18 Claims. (Cl. 196—31.)

1. The method of preparing a reagent for treating mineral oils to reduce the sulphur content thereof, which comprises saturating fuming sulphuric acid with an aromatic hydrocarbon.

1,645,680. MOTOR MOUNTING. EDWIN Q. BANGS, Racine, Wis., assignor to Hamilton Beach Mfg. Co., Racine, Wis., a Corporation of Wisconsin. Filed May 20, 1926. Serial No. 110,360. 2 Claims. (Cl. 74—26.)



1. The combination with a sewing machine head having a hand wheel, of a motor having a pulley wheel adapted for yielding frictional engagement with the periphery of

the hand wheel, a yieldable strip secured to the lower portion of the motor and to a lower portion of the head, a yieldable strip secured to the upper portion of the motor and to an upper portion of the head, and a yieldable strip secured to an intermediate portion of the motor and non-fixedly bearing against an intermediate portion of the head.

1,645,681. WRINGER-MOP CONSTRUCTION. WILLIAM J. BARBER, Delphos, Ohio, assignor to The Delphos Mop Company, Delphos, Ohio, a Corporation of Ohio. Filed Aug. 2, 1926. Serial No. 126,428. 2 Claims. (Cl. 15—120.)

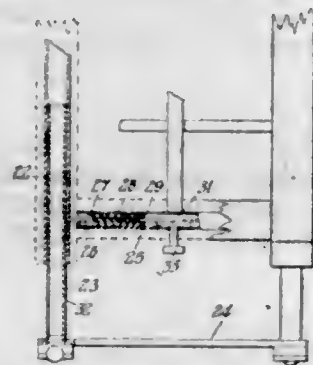


2. A combined mop and wringer having a handle provided with a tapered end portion, a sleeve fitting over said tapered end portion, ears depending from opposite sides of the outer end portion of said sleeve, said sleeve and ears being formed with an elongate transverse slot, a wire link having a portion extending through said slot underneath the end portion of the handle, a mop frame, means for pivoting said mop frame to said link, a wringer crank extending thru said sleeve and handle, and a mop cloth engaging one end of said mop frame and said wringer crank.

1,645,682. BRAKE DRESSING. IRA C. BARROWS, Oakland, Calif., assignor to B & H Engineering Laboratories, Oakland, Calif., a Corporation of California. Filed Oct. 31, 1925. Serial No. 66,116. 5 Claims. (Cl. 134—14.)

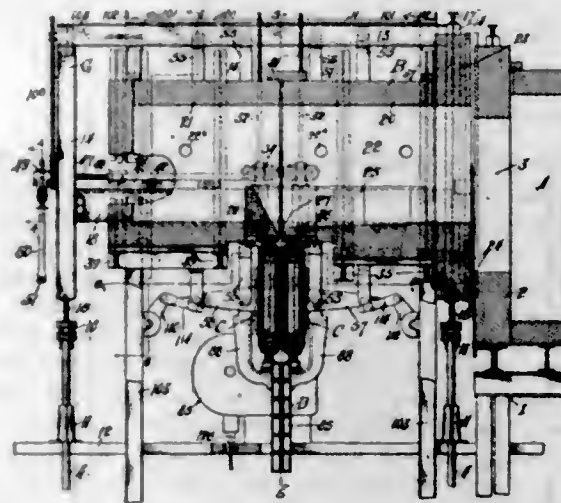
1. A composition of matter for making brake dressing comprising substantially 85 parts castor oil, 5 parts water gas tar, and 5 parts rosin.

1,645,683. COMBINATION ARTICLE OF FURNITURE. JOHN BRICK, Brooklyn, N. Y. Filed Apr. 21, 1926. Serial No. 103,435. 1 Claim. (Cl. 155—88.)



In an article of furniture, hollow legs supporting said article, tubes slidably mounted in said legs and having openings therein, an integral cross plate mounted on the free ends of said tubes and holding same in rigidly spaced relationship, horizontal cross pieces disposed between said legs, horizontally disposed housings mounted on the interior faces of said cross pieces, a disk, having a pair of eccentric channels, rotatably mounted in each of said housings and having an operating knob projecting therefrom, a pair of rods slidably mounted in each of said housings and projecting therefrom, the projecting ends engaging the openings in the tube and the other ends engaging the channels, and coil springs on said rods normally extending the latter into engagement with said openings.

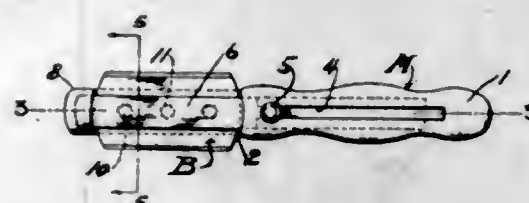
1,645,684. METHOD AND APPARATUS FOR MANUFACTURING GLASSWARE. WILLIAM EMIL BOCK, Eagle Point Colony, Ohio, assignor to The Erie Glass Company, Toledo, Ohio, a Corporation of Delaware. Filed June 11, 1923. Serial No. 644,562. 45 Claims. (Cl. 49—3.)



14. In an apparatus of the class described, a forehearth in communication at its inner end with a source of molten glass supply and having inner and outer body sections cooperating to form a glass discharge slot in the forehearth bottom, means carrying the forehearth for vertical adjustment to vary the speed of flow of the glass to the discharge slot and means for adjusting the outer section towards and from the inner section to vary the width of the slot.

23. In a glass working apparatus, means to hold a supply of molten glass from which a glass sheet is formed, and cooling blankets disposed at opposite sides of the sheet and moving therewith to effect a forced cooling of the sheet.

1,645,685. BLADE HOLDER. JAMES HENRY C. BOIG, San Francisco, Calif. Filed July 3, 1926. Serial No. 120,464. 3 Claims. (Cl. 30—25.)

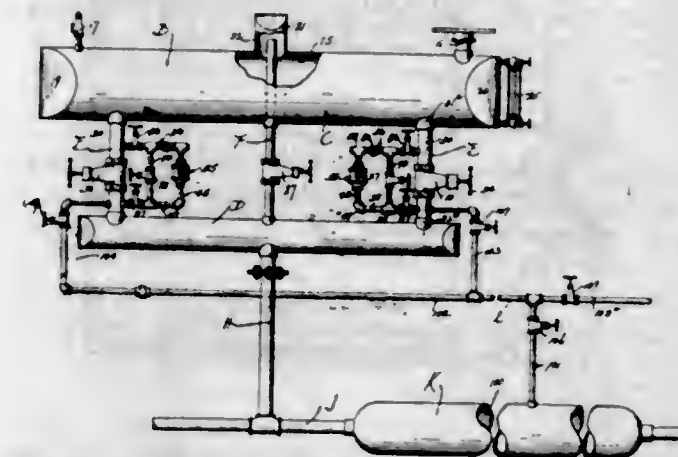


1. A holder for razor blades comprising an elongated member having one end portion reduced in thickness with the exception of the outer extremity thereof, the resultant extended opposite portion of the member being provided with a channel, the outer extremity of the reduced portion of the member being provided with an inwardly opening pocket, an elongated sliding member movable within the channel, said sliding member being of a length to permit its outer extremity, when the sliding member is fully extended, to engage within the pocket, the adjacent face of the reduced portion of the first named member being provided with outstanding lugs.

1,645,686. FLUID-FEED APPARATUS. JOHN D. BRADY, Bartlesville, Okla., assignor to Brady Process Company, El Dorado, Ark., a Corporation of Delaware. Filed July 11, 1924. Serial No. 725,529. 10 Claims. (Cl. 137—78.)

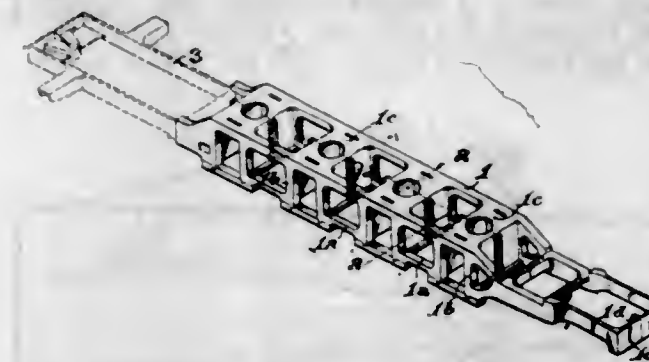
1. In an apparatus for feeding of a liquid into a pressure area the combination of a liquid receiving reservoir, means communicating the liquid receiving reservoir

with the pressure area so that the same pressure is applied above the liquid as exists in the pressure area, conduit means for feeding the liquid in the reservoir into the pressure area, a trap in said conduit means for receiving sediment, and a tapered member in said conduit



means through which the liquid flows on its way from the reservoir to the pressure area, said tapered member projecting at its tapered end over the sediment trap to diverge sediment flowing through the conduit means into said trap.

1,645,687. LOCOMOTIVE FRAME. ALFRED W. BRUCE, New York, N. Y. Filed Feb. 17, 1927. Serial No. 108,921. 12 Claims. (Cl. 105—172.)



1. In a fabricated locomotive frame structure, the combination of two counterpart side members, each comprising, in an integral part, a top rail, pedestal jaws, depending therefrom, pedestal jaw connections, and cross tie sections, each of which projects laterally from a pedestal jaw, and abuts against a counterpart section on the other side member; and means by which the abutting sections are rigidly secured, one to the other.

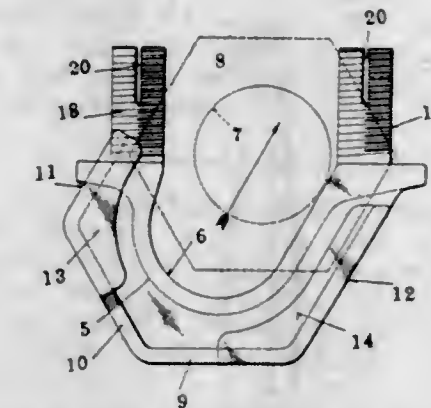
1,645,688. FOOT-WASHING SLIPPER. JAMES M. BURNAP, Chicago, Ill. Filed Nov. 15, 1926. Serial No. 148,551. 8 Claims. (Cl. 4—184.)



1. A foot washing slipper, comprising a fabric jacket shaped to partially inclose the foot, and a series of spaced resilient ribs which are secured to the jacket and cause it to conform to the contour of the foot.

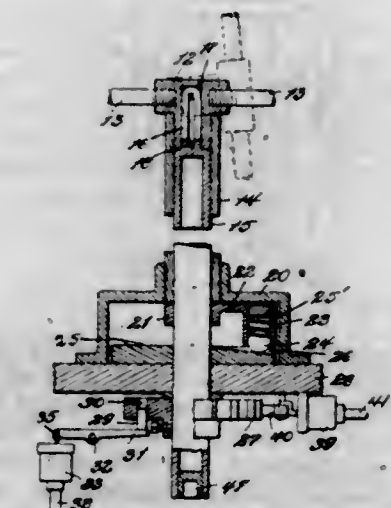
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1,645,689. ANGLE-COCK HOLDER. STERLING H. CAMPBELL, St. Louis, Mo., assignor to Railway Devices Company, St. Louis, Mo., a Corporation of Missouri. Filed Mar. 22, 1923. Serial No. 626,750. 1 Claim. (Cl. 248—31.)



In a device of the class described, the combination with a horizontal supporting plate adapted to be secured to a car and provided with openings, of a one piece holder and pipe clamp comprising a unitary pocket for an angle cock head and a portion to surround the train pipe, said pocket having two internal faces lying in parallel planes, said faces being adapted to engage opposite peripheral faces of the head of the angle cock, and integral threaded studs on the part of the holder surrounding the pipe and projecting at an obtuse angle to the said parallel internal faces of the pocket, said studs passing through the openings in the supporting plate whereby the train pipe may be clamped against said plate.

1,645,690. SAFETY CAR-CONTROL MECHANISM. JOSEPH M. DAPRON, St. Louis, Mo., assignor to National Pneumatic Company, New York, N. Y., a Corporation of West Virginia. Filed Jan. 26, 1925. Serial No. 4,918. 4 Claims. (Cl. 105—341.5.)

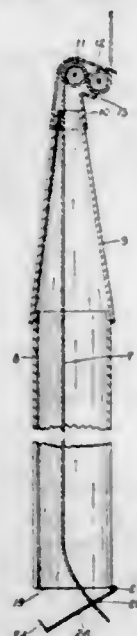


1. A safety car control mechanism comprising, in a passenger car, a door; means operable from without the car to open and close said door; and a turnstile mounted within the car and arranged to be actuated by the exit of passengers to open said door.

1,645,691. PROTECTIVE HOUSING FOR ATTACHMENT TO FLAGPOLES. JOHN E. DAVIS, Cincinnati, Ohio. Filed May 4, 1926. Serial No. 106,782. 5 Claims. (Cl. 116—173.)

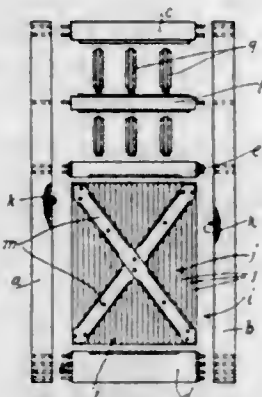
5. A protective casing adapted for mounting on a flag staff or the like and comprising a hollow casing section, a fixed member at the top of the casing having a downwardly and outwardly extending restricted passage therein, a halyard extending through the hollow

interior of the casing and through the restricted passage, a flag on the halyard and means in the restricted passage for guiding the halyard therethrough and precluding movement of the flag into and out of the casing.



ing by way of the restricted passage at the top of said casing, the bottom of the casing being open to provide for entry and exit of the flag therethrough upon movement of the halyard.

1,645,692. METHOD OF MAKING WOODEN DOORS. JOHN C. DE PENNING, Portland, Oreg., assignor to Central Door and Lumber Company, Portland, Oreg., a Corporation. Filed Nov. 4, 1926. Serial No. 146,149. 7 Claims. (Cl. 144—309.)

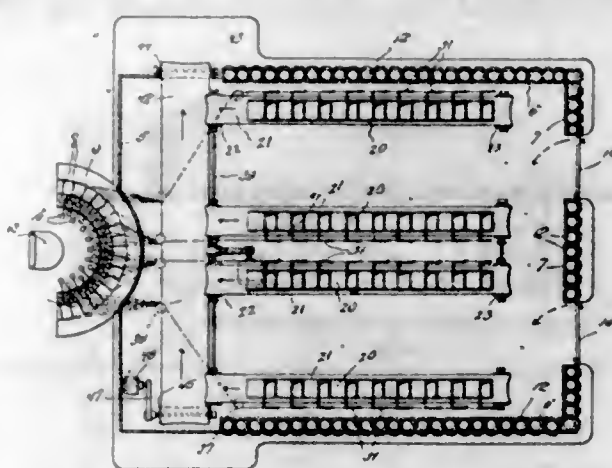


1. In the manufacture of wooden doors and the like having a frame arranged to define a panel opening of fixed dimensions and having a panel recessed therein, such panel composed of a plurality of elongated strips arranged side by side and fastened together and stiffened by a transversely arranged member, the method of assembling said panel consisting in arranging said strips side by side in a press and thereby forcing their edges together, and then locating such transverse members relatively upon such composite panel while under compression and fastening the same in place to hold said strips in place relatively to each other.

1,645,693. COLD MOLDING COMPOSITION CONTAINING ORTHOCRESOL-ALDEHYDE RESIN BINDER AND PROCESS OF MAKING SAME. CARLETON ELLIS, Montclair, N. J. Filed Apr. 19, 1923. Serial No. 633,279. 4 Claims. (Cl. 106—22.)

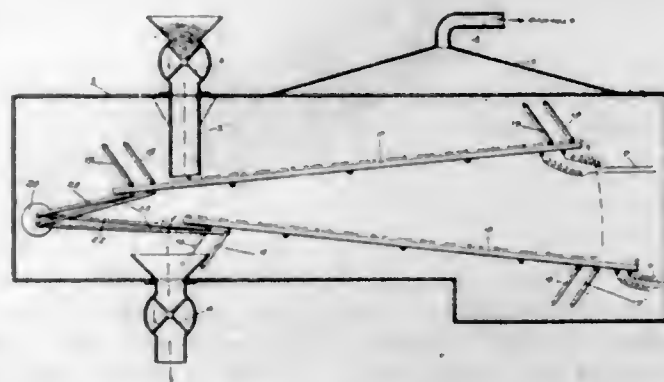
1. A molding composition comprising orthocresol-formaldehyde resin, a drying oil and asbestos filler tempered to a state of coherency whereby the particles of the mixture can be welded together by applying heavy pressure in the cold; said composition being capable of becoming infusible on protracted heating.

1,645,694. MERCHANDISE-DELIVERY CABINET. SAMUEL ESCRO, Clarksdale, Miss. Filed Dec. 30, 1926. Serial No. 158,006. 4 Claims. (Cl. 186—1.)



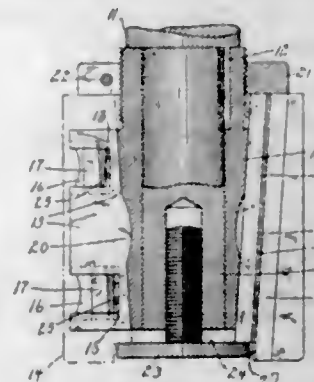
1. A device of the class described, including, in combination, means for displaying goods so that the different brands thereof will be segregated, means for storing tickets adjacent each brand of goods so that the tickets may be collected by a customer, a cashier's desk, delivery means for the different brands of goods on display, and means for controlling the same by the cashier upon the presentation of tickets by the customer.

1,645,695. METHOD OF DRYING BERRIES ESPECIALLY THOMPSON SEEDLESS RAISINS. THOMAS W. FORREST, Fresno, Calif., assignor to Sun-Maid Raisin Growers of California, Fresno, Calif., a Cooperative Association of California. Filed July 13, 1926. Serial No. 122,081. 5 Claims. (Cl. 34—24.)



1. The method of heat drying raisins which comprises rolling them along a heated metal grill.

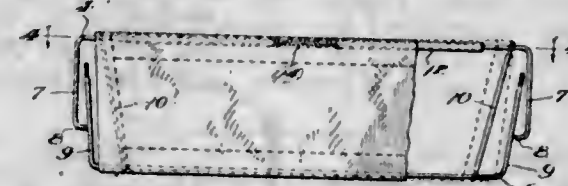
1,645,696. REAMER. GEORGE FRITZ, Waterbury, Conn. Filed Oct. 20, 1925. Serial No. 63,604. 2 Claims. (Cl. 77—75.5.)



1. An adjustable reamer, comprising a hollow body provided with longitudinal grooves in its outer periphery, blades for the said grooves, a blade-abutment mounted

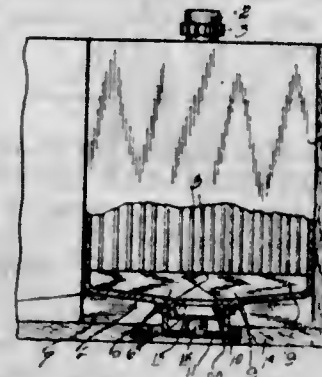
upon the said body at the inner end thereof for co-action with the inner ends of the said blades, a separately-formed shank extending into the said hollow body, a threaded bore formed in the other end of the said shank, and a locking-screw entering the said threaded bore and having a head adapted to engage the outer ends of the said blades for holding them in place against the said abutment and also acting through the said blades and blade-abutment to hold the said hollow body against outward axial displacement with respect to the said shank.

1,645,697. AWNING. OSCAR T. GREGORY, Chicago, Ill., assignor to Gregory Auto Awning Corporation, Oil City, Pa., a Corporation of Delaware. Filed Aug. 4, 1926. Serial No. 127,030. 6 Claims. (Cl. 156—15.)



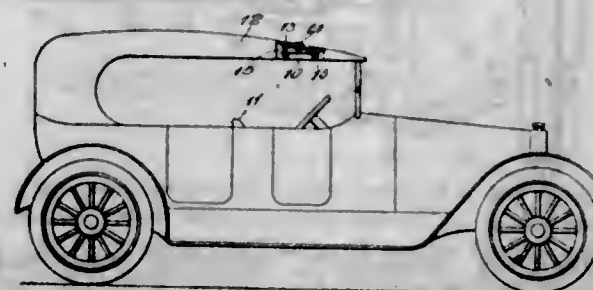
1. In an automobile window awning, an awning cover, a bow frame attached to the upper edge of said cover, said frame being resilient and having downwardly projecting side portions for engaging in the window glass grooves, and a second bow frame attached to the lower edge of said cover, stays connecting the edge portions of the bow frames to hold the cover permanently extended, said frames rotatable in position, and said second frame having side arms engageable and disengageable with said side portions.

1,645,698. STORAGE BATTERY. ADD D. GRITMAN and CARL GRITMAN, Spokane, Wash. Filed Dec. 30, 1925. Serial No. 78,304. 4 Claims. (Cl. 136—166.)



2. A battery cell having an elevated false bottom forming a sump therein and a drain opening in its bottom, a screw cap for said opening and an outlet port in said cap, a ball valve normally closing said port, and means for retaining said valve in closed position.

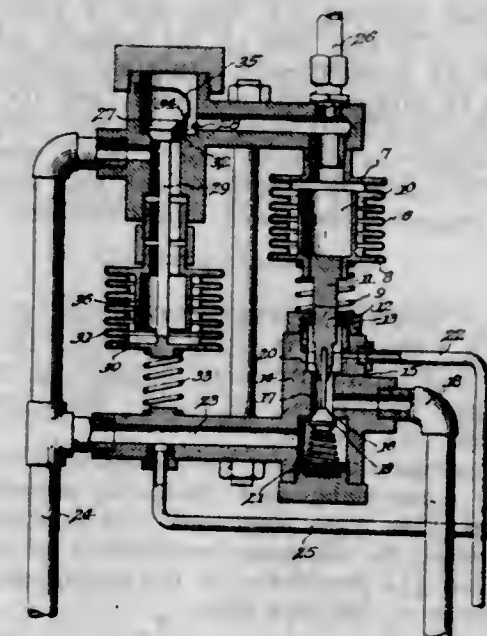
1,645,699. INDICATOR. JOHN S. GULLBORG, Chicago, Ill. Filed Mar. 8, 1923. Serial No. 623,662. 2 Claims. (Cl. 33—222.)



1. In combination, a housing open at its opposite ends, an outwardly turned flange at the upper end of said housing, an inwardly turned bezel flange at the lower

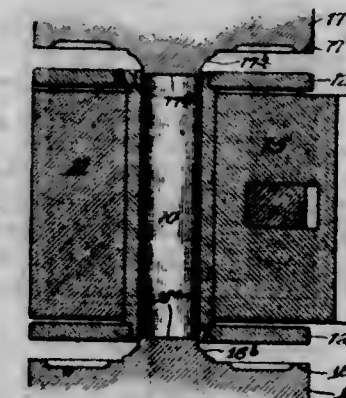
end of said housing, a cover plate, means for securing the same over the upper outwardly turned flange, a transparent plate overlying said bezel flange, means including said flange for securing said plate in said housing, a dial, means for suspending said dial in said housing between the upper cover plate and said transparent plate, a pair of brackets, means for mounting the same on the back of said dial, and a plurality of magnetic bars, means for securing said bars in said brackets for controlling the position of said dial plate.

1,645,700. SELF-CLEANING PORT. WILLIAM B. HODGE, Charlotte, N. C., assignor to Parks-Cramer Company, Fitchburg, Mass., a Corporation of Massachusetts. Original application filed May 19, 1923. Serial No. 640,283. Divided and this application filed Sept. 9, 1924. Serial No. 736,802. 5 Claims. (Cl. 137—153.)



3. The combination with an automatic control device of the pressure fluid actuated type, including a restricted port formed between two relatively movable members; an abutment subject to the pressure of pressure fluid supply in one direction and connected to produce movement of said members upon variation of such pressure; and yielding means acting on said abutment in opposition to said supply pressure.

1,645,701. METHOD OF MAKING SPOOLS. ARTHUR C. HOPKINS, Niles, Mich., assignor to National Standard Company, Niles, Mich., a Corporation of Michigan. Filed Apr. 18, 1924. Serial No. 707,393. 1 Claim. (Cl. 29—148.)



The method of making spools consisting of placing perforated end plates over the reduced ends of a metal tube, forcing a tapered die into each end of the tube with sufficient pressure to cause said tube to materially shorten, and holding said tube to prevent its buckling.

1,645,702. WIND-OPERATED TOY AND MOUNTING THEREFOR. ERIC ISCHINGER, East Rochester, N. Y. Filed Apr. 11, 1927. Serial No. 182,878. 2 Claims. (Cl. 46-14.)

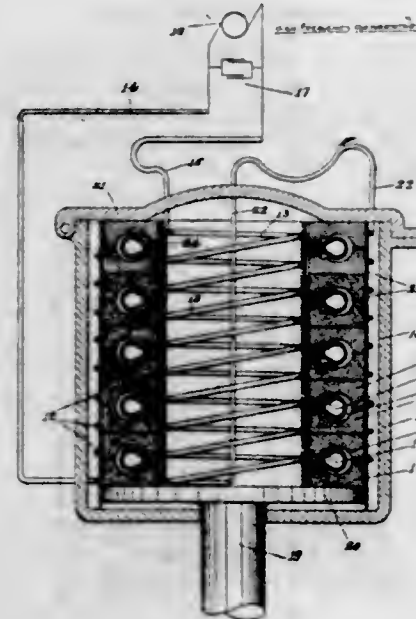


1. A wind operated toy comprising a rubber suction cup having a suction face on the forward side thereof adapted to be mounted on a supporting surface, a shaft supported by said cup and extending from the rearward side thereof, said shaft being substantially perpendicular to said supporting surface, and a wind operated toy mounted to rotate on said shaft and held spaced apart from the supporting surface by said suction cup.

1,645,703. SUPPLEMENTAL POULTRY FOOD MATERIAL. WILLIAM H. LAPP, Chicago, Ill., assignor to The Concentrate Products Company, a Corporation of Illinois. Filed Dec. 28, 1925. Serial No. 77,998. 2 Claims. (Cl. 90-11.)

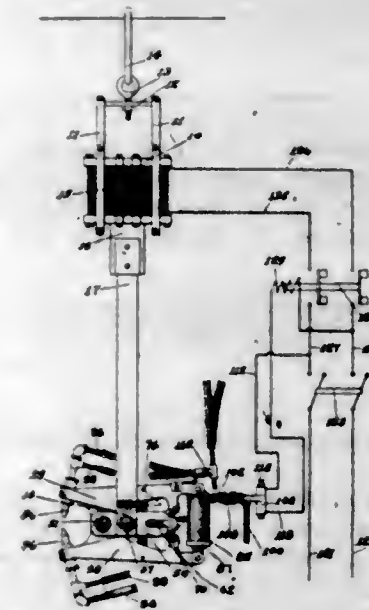
2. A supplemental poultry food, comprising organic and inorganic components, said inorganic component containing less than 0.2% magnesium and substantially free from fluorine, the inorganic constituents of which contain calcium and phosphates in the proportion of 6 to 8 parts calcium to one part P_2O_5 .

1,645,704. APPARATUS FOR ELECTRICAL VULCANIZING. JOSEPH LEDWINKA, Philadelphia, Pa., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Feb. 3, 1922. Serial No. 533,845. 8 Claims. (Cl. 18-6.)



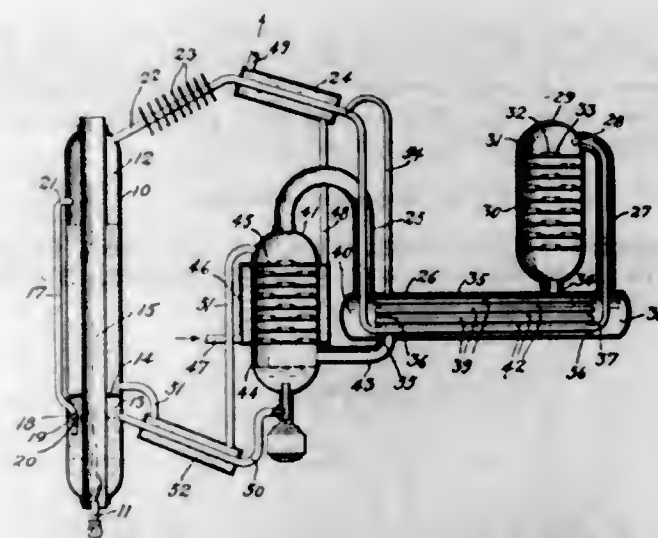
3. An apparatus for vulcanizing rubber tires, comprising an annular mold, an induction coil surrounding the mold, a second induction coil surrounded by the mold, and a high frequency current supply for said induction coils.

1,645,705. ELECTRIC SPOT-WELDING APPARATUS. JOSEPH LEDWINKA, Philadelphia, Pa., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed May 4, 1923. Serial No. 636,563. 35 Claims. (Cl. 219-4.)



1. An apparatus of the class described comprising a welding transformer, a pair of secondary leads extending from said transformer, and welding mechanism supported by said leads and including a pair of side bars connected to the free ends of said leads and adapted to be adjusted to and maintained in angular relationship with respect thereto, and a pair of welding jaws pivotally connected together and to said side bars at a point located to one side of said connection between the secondary leads and side bars.

1,645,706. THERMOSIPHON CIRCULATION FOR ABSORPTION REFRIGERATION SYSTEMS. ALVAR LENNING, Brooklyn, N. Y., assignor to Electrolux Servel Corporation, New York, N. Y., a Corporation of Delaware. Filed Jan. 8, 1927. Serial No. 159,901. 10 Claims. (Cl. 62-119.)



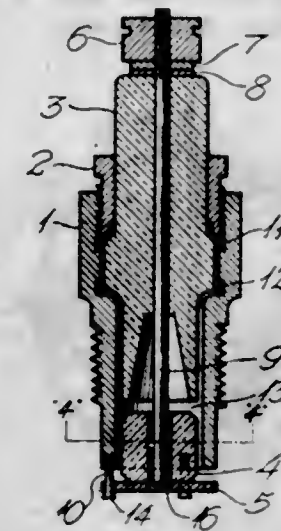
1. Absorption refrigerating apparatus comprising a main generator, an auxiliary generator, a conduit extending from within said auxiliary generator having a lower opening within said auxiliary generator upwardly to said main generator and a port in the side of said conduit within said auxiliary generator above said lower opening.

1,645,707. FOOTBALL LINEMAN'S APPARATUS. JULIUS J. LIEP, Chicago, Ill. Filed Nov. 2, 1925. Serial No. 66,290. 3 Claims. (Cl. 33-137.)



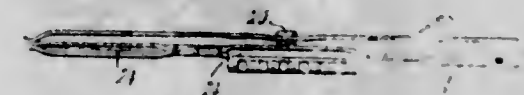
3. Football lineman's apparatus, comprising a pair of end stakes, a member connecting said stakes near their bottom ends and adapted to space the same a predetermined distance apart, a second member connecting said stakes near their upper ends, and adapted to space the upper ends of said stakes substantially the same distance apart, and markers attached to said second mentioned member at spaced intervals for facilitating, from the football field, the calculation of distance to either of said stakes from a point between the same.

1,645,708. SELF-CLEANING SPARK PLUG. EDWARD W. LOCKENVITZ, Bloomington, Ill. Filed Nov. 24, 1926. Serial No. 150,394. 1 Claim. (Cl. 123-169.)



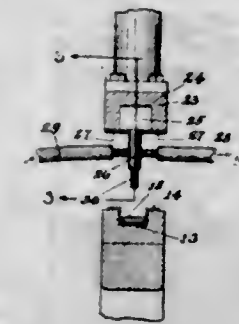
The combination with a spark plug embodying a ground shell having a plurality of ground pins depending from its lower annular end, an annular bottom electrode slidably mounted on said pins, a dielectric core within the shell, the same being of less length than the shell, thereby providing a chamber between the lower ends of the core and shell, and a central electrode extended through the said core with its lower end depending below the lower end of the shell, of a dielectric vibrating element slidably mounted upon the lower end of the central electrode within the said chamber.

1,645,709. COMBINATION KEY CASE. CHARLES LORBER, Louisville, Ky. Filed Oct. 26, 1926. Serial No. 144,288. 4 Claims. (Cl. 150-35.)



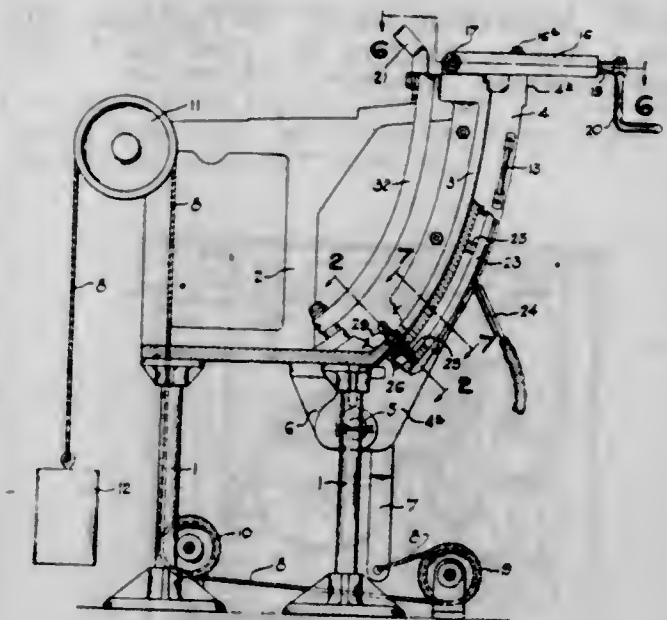
1. The combination in a key case of a key supporting member provided with closure means to cover the keys from access, a back piece secured to the bottom and side edges of said member and free at the top thereof to form a bill pocket which is freely accessible with the key case closed, and other pockets located between said member and the back piece and likewise freely accessible with the key case closed.

1,645,710. ELECTRIC WELDING MACHINE. JOSEPH W. MEADOWCROFT, Philadelphia, Pa., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed June 20, 1922. Serial No. 569,577. 4 Claims. (Cl. 219-4.)



3. A welding machine comprising a reciprocable plunger, a welding head on the end thereof having a transverse channel underlying the plunger, a pair of plates secured to the lower surface of said welding head and overhanging opposite sides of said channel whereby to form a guide-way, a welding electrode adjustably mounted in said guide-way in extension of the plunger, and means to supply welding current to the welding head.

1,645,711. JIG FOR ELECTRIC WELDING SHEET-METAL PANELS. JOSEPH W. MEADOWCROFT, Philadelphia, Pa., assignor to Edward G. Budd Manufacturing Co., Philadelphia, Pa., a Corporation of Pennsylvania. Filed Apr. 2, 1926. Serial No. 99,189. 11 Claims. (Cl. 219-4.)

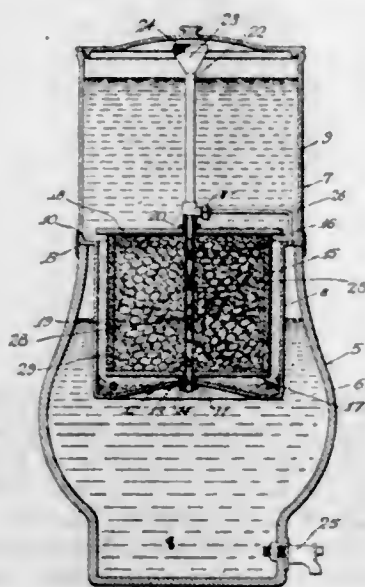


1. Spot welding apparatus comprising a fixed and a movable member between which the sheets to be welded are clamped, a series of electrodes carried by one of said members and having their ends positioned to engage one side of the work, the other member being provided with a series of holes arranged one opposite each of said electrodes, and a separate electrode adapted to be inserted in any one of said holes and brought into engagement with the other side of the work.

1,645,712. WATER FILTER. MEARL C. MEYERS, Los Angeles, Calif. Filed Nov. 15, 1926. Serial No. 148,331. 3 Claims. (Cl. 210-105.)

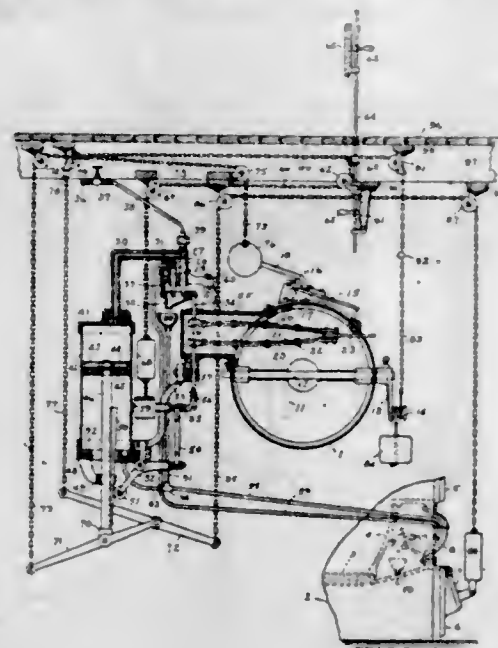
1. A water filter comprising two non-porous receptacles disposed one above another, the lower receptacle having a vertical outlet leading therefrom, a third closed receptacle for the reception of a filtering material mounted

within the upper receptacle and out of contact with its walls, the vertical wall of said receptacle being formed of a porous material, a covering of filtering material surrounding said receptacle, a perforated water discharge pipe leading from the third receptacle and discharging into the



lower receptacle, an air pipe connected to the upper end of said perforated pipe, the upper end of said pipe terminating adjacent the upper end of the upper receptacle, and an air vent pipe connecting the lower receptacle with the air pipe, whereby to permit an escape of air, from the lower receptacle as the same becomes filled with water.

1,645,713. HYDRAULIC DRAFT CONTROLLER. WILLIAM L. MORRIS, Oak Park, Ill. Filed Aug. 5, 1925. Serial No. 48,219. 20 Claims. (Cl. 236-15.)

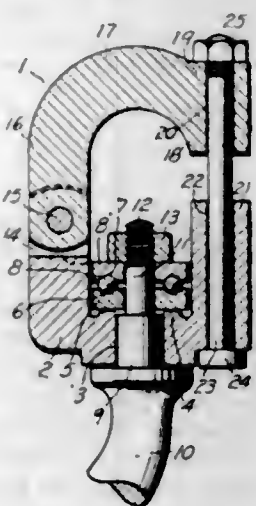


1. The combination with a fuel burning device and its smoke flue, of a thermostat influenced by the temperature of the products of combustion in the device, a plurality of draft controls, and power means actuated by the thermostat for operating the controls in sequence each control coming to rest before the next one is operated.

1,645,714. CLEVIS. ALBERT H. NEILSON, Tulsa, Okla. Filed Oct. 30, 1926. Serial No. 145,357. 5 Claims. (Cl. 294-82.)

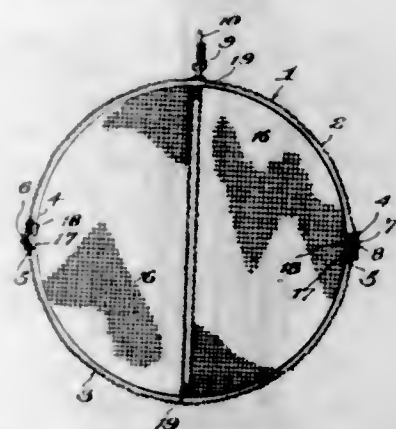
1. In combination with a cupped base, ball races in the base cup, a shank rotatable in said base, means support-

ing the shank on the ball races, a ball member having one arm pivotally mounted on the base for hingedly



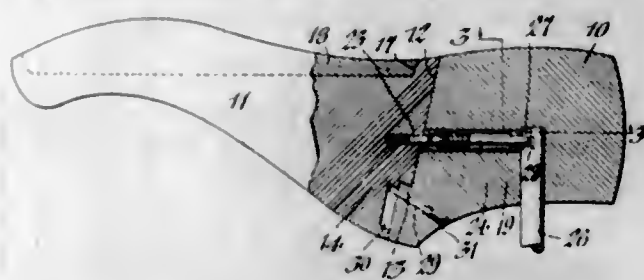
mounting the ball member, and means removably anchoring the other arm of the ball to the base to confine a draft member.

1,645,715. FLEA AND INSECT TRAP. ANNABELLE S. NORTHRUP, Norfolk, Va. Filed Mar. 2, 1926. Serial No. 91,737. 4 Claims. (Cl. 43-115.)



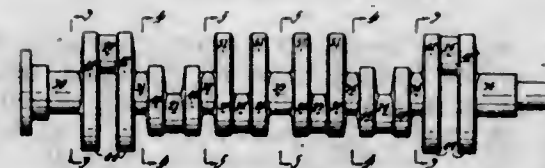
1. A spherical insect trap comprising a supporting structure including a plurality of radiating wings having oppositely extending pillable clamping tabs, and bait carrying elements to be mounted on said wings and secured by said tabs.

1,645,716. SHOE LAST. JOSHUA KING NORTHRUP, Ellicottville, N. Y. Filed Jan. 23, 1926. Serial No. 83,373. 3 Claims. (Cl. 12-135.)



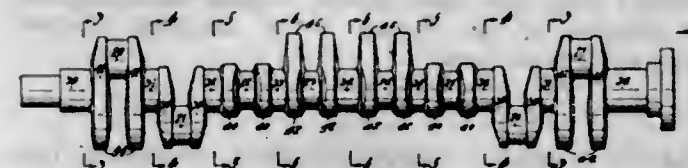
1. The combination with a jack-spindle having a notch at its upper end, of a shoe last comprising heel and fore part sections, the heel section having a circular socket for receiving said spindle, and means for locking the sections, said locking means including a retractible part normally arranged for engagement with the side wall of the spindle-notch, whereby upon turning the last about the spindle-axis the locking means is actuated in a direction to unlock the sections.

1,645,717. BALANCED CRANK SHAFT. JOHN A. OLDSON, Worcester, Mass., assignor to Wyman-Gordon Company, Worcester, Mass., a Corporation of Massachusetts. Filed May 16, 1927. Serial No. 191,616. 1 Claim. (Cl. 74-38.)



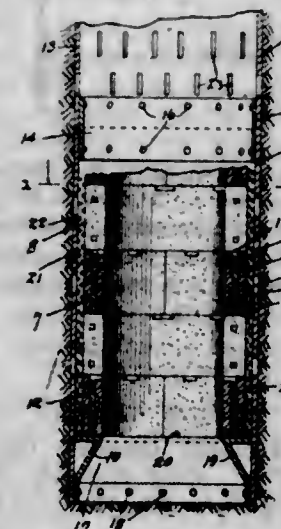
A six-throw seven-bearing balanced crankshaft having each crankpin directly connected by cheeks to its shaft bearings at each side of each crank-pin, having both cheeks of each end crank and of each center crank projecting beyond the shaft axis and enlarged laterally to provide a counterweight of substantial mass, said counterweights being forged integral with the crankshaft and the center of mass of each counterweight being displaced angularly substantially 30° from the center line of each associated crank and in a direction away from the adjacent unbalanced intermediate crank, the end and center counterweights being diametrically opposite and said shaft being thereby balanced both statically and dynamically.

1,645,718. BALANCED CRANK SHAFT. JOHN A. OLDSON, Worcester, Mass., assignor to Wyman-Gordon Company, Worcester, Mass., a Corporation of Massachusetts. Filed May 16, 1927. Serial No. 191,617. 2 Claims. (Cl. 74-38.)



1. An eight-throw nine-bearing crankshaft having crankpins disposed in two planes positioned perpendicular to each other, said crankpins being positioned on opposite sides of the axis in each plane, and said crankshaft having counterweights forged integral with said shaft and associated with the two end crankpins and with the two middle crankpins only, the center of mass of each counterweight being offset at an angle of substantially 45° from its associated crank cheek and away from the nearest crankpin in the plane perpendicular to said cheek, the end and center counterweights being spaced diametrically apart.

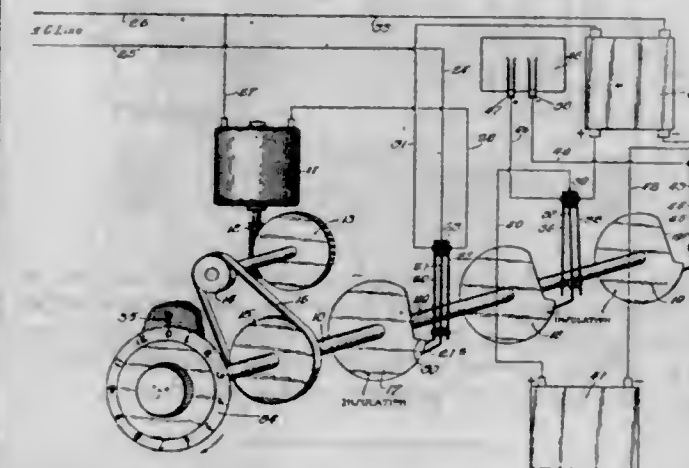
1,645,719. CASING FOR ARTESIAN WELLS. ADOLPH PAULSEN, San Carlos, Calif. Filed May 17, 1926. Serial No. 109,690. 6 Claims. (Cl. 166-5.)



1. In a device of the type described, a well casing formed of a plurality of sections, each section having a longitudinally extending duct disposed between the inner

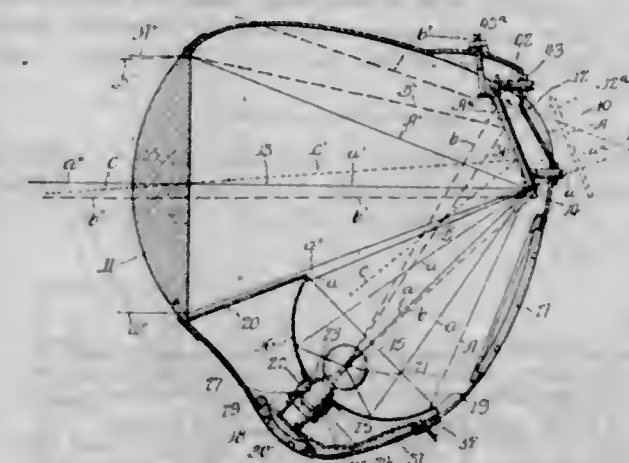
and outer walls and having grooves in the top and bottom edges, the top groove extending inwardly from the duct to the inner wall, while its bottom groove extends outwardly from the duct to the outer wall.

1,645,720. METHOD OF AND APPARATUS FOR CONTROLLING BATTERY CHARGERS. CARL PFANSTIEHL, Highland Park, Ill., assignor to Pfanstiehl Radio Company, a Corporation of Illinois. Filed July 20, 1925. Serial No. 44,802. 8 Claims. (Cl. 171-314.)



1. In combination, a storage battery charger, a source of alternating current, a motor driven by said source of current, a cam driven by said motor, a switch operable by said cam, said switch being adapted to pass electric current from said source to said charger and motor for a predetermined period, to disconnect said charger from said source at a predetermined point in said cam, and to disconnect said motor from said source at a later predetermined point.

1,645,721. LIGHT PROJECTOR. PAUL FRANCIS PREIL, South Bend, Ind. Filed May 25, 1925. Serial No. 32,562. 10 Claims. (Cl. 240-41.)

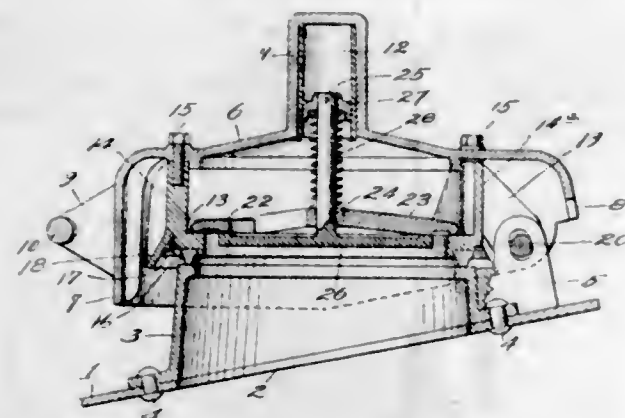


1. A light projector comprising, in combination, a source of light, a lens, a mirror, said lens having its principal focus substantially on the mirror, and means to focus light from said source onto the surface of the mirror for reflection to said lens, said mirror having an edge adjacent the focal point of the light thereon.

1,645,722. RELIEF-VALVE MECHANISM FOR OIL TANKS. GWYNNE RAYMOND, Kansas City, Mo., assignor to Black, Sivalls & Bryson Mfg. Co., Kansas City, Mo., a Corporation of Delaware. Filed Oct. 25, 1926. Serial No. 143,937. 4 Claims. (Cl. 220-44.)

1. The combination with a tank having an opening and means forming a gas-tight joint with the tank around said opening and including a valve seat ring, of a valve plate

within and spaced from the said means and capable of movement axially of said opening in both directions from its normal position, a valve ring bridging the space between the valve seat ring and valve plate and normally



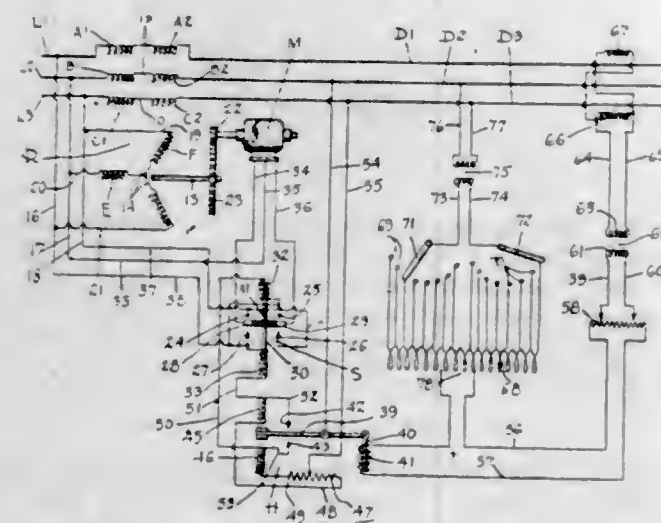
engaging both with a gas-tight relation and adapted to be unseated from the former by the valve plate under sufficient pressure applied thereon from within the tank, and a dash-pot providing resistance to movement of the valve plate induced by pressure within the tank.

1,645,723. VEHICLE BUMPER. CARLOS A. SCHMIDT, Oakland, Calif. Filed Mar. 28, 1927. Serial No. 178,905. 6 Claims. (Cl. 293-35.)



1. A bumper for motor vehicles comprising, an impact section consisting of spaced impact bars, elastic buffer members mounted upon the front sides of said impact bars, and yielding shock absorbing members rearwardly of said buffer members and consisting of telescopic members having spring means normally held under compression.

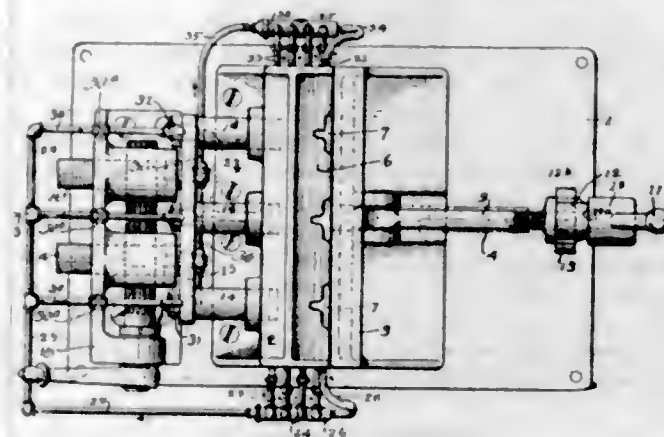
1,645,724. ELECTRICAL REGULATING SYSTEM. FRANKLIN WESLEY SPRINGER, Minneapolis, Minn. Filed Feb. 15, 1924. Serial No. 693,035. 10 Claims. (Cl. 171-119.)



1. In combination with an electric supply line for alternating current, means for altering the voltage thereof including a relay, a circuit for operating said relay, a voltage transformer energized from said line and feeding

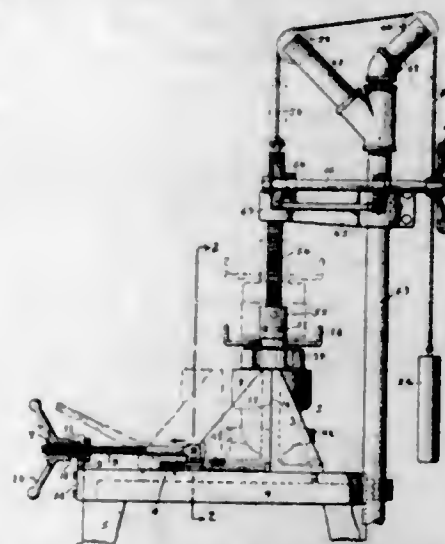
said circuit, means connected in said circuit for compensating for line load, a variable transformer connected in said circuit and a current transformer connected in said line and to said compensating means.

1,645,725. MOLD. CONRAD VAUGHAN, Cleveland, Ohio, assignor to The Permold Company, Cleveland, Ohio, a Corporation of Ohio. Filed Nov. 20, 1922. Serial No. 602,269. 18 Claims. (Cl. 22-177.)



1. A mold of metal of substantially uniform heat conductivity formed with a casting cavity and a sprue cavity of relatively small capacity compared with said casting cavity, said sprue cavity communicating with the casting cavity through a gate opening of relatively small cross-sectional area, said mold having cooling means adjacent the portions of the casting cavity engaging relatively heavy sections of metal.

1,645,726. MOLD. CONRAD VAUGHAN, Cleveland, Ohio, assignor to The Permold Company, Cleveland, Ohio, a Corporation of Ohio. Filed Sept. 1, 1923. Serial No. 660,484. Renewed July 18, 1927. 20 Claims. (Cl. 22-93.)

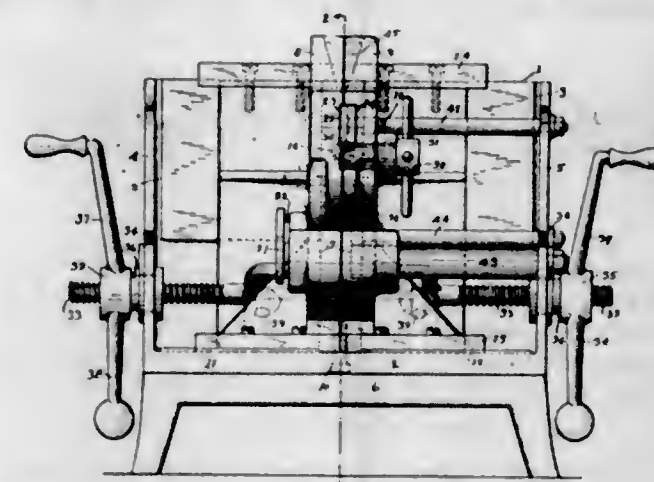


1. The combination with a permanent mold having a cavity, of a permanent core adapted to be positioned within the cavity, said core comprising telescopic upper and lower sections held against relative rotative movement therebetween, and means for telescoping the sections to free the core from the casting.

1,645,727. MOLD. CONRAD VAUGHAN, Cleveland, Ohio, assignor to The Permold Company, Cleveland, Ohio, a Corporation of Ohio. Filed Feb. 11, 1924. Serial No. 692,024. Renewed July 22, 1927. 10 Claims. (Cl. 22-92.)

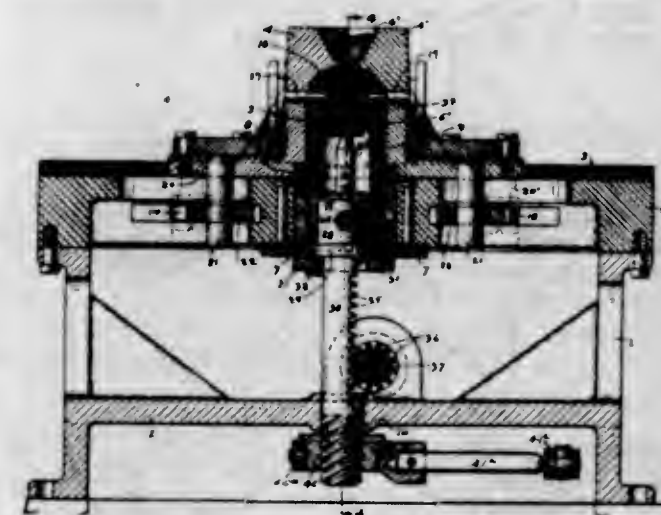
1. A mold for casting shapes having a longitudinal curvature, comprising a fixed section adapted to form the outer, convex face of the curved casting, slide sections

movable toward and from the fixed section and adapted to be clamped together over the fixed section to form the mold cavity, means for supporting said sections in a posi-



tion such that the mold cavity is inclined downwardly from one end to the other, and means forming a gate at the top of the mold.

1,645,728. MOLD. CONRAD VAUGHAN, Cleveland, Ohio, assignor to The Permold Company, Cleveland, Ohio, a Corporation of Ohio. Filed July 25, 1924. Serial No. 728,074. 17 Claims. (Cl. 22-93.)

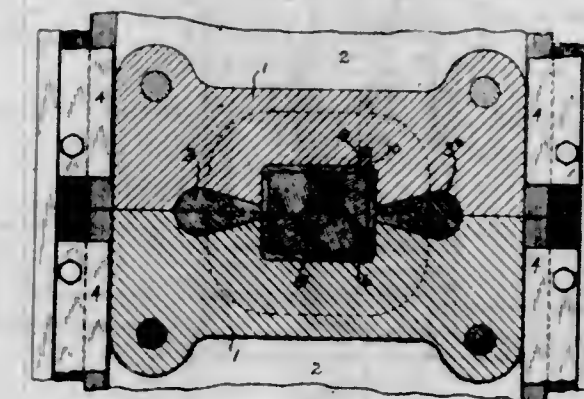


14. The combination with a permanent mold comprising a pair of complementary mold sections mounted for lateral movement toward and from each other upon a supporting frame, of permanent cores mounted for vertical movement in said frame, said sections having complementary recesses to form casting cavities therein, said cores being withdrawable from said casting cavities by downward movement, said cores being mounted on vertical rods, means for engaging said rods to shift said core sections simultaneously upwardly or downwardly, means to prevent rotative movement of said core sections during the vertical movement thereof, and means for simultaneously engaging said rods to move them downwardly simultaneously a limited amount to loosen the cores from the castings.

1,645,729. MOLD. CONRAD VAUGHAN, Cleveland, Ohio, assignor to The Permold Company, Cleveland, Ohio, a Corporation of Ohio. Filed Oct. 23, 1924. Serial No. 745,408. 5 Claims. (Cl. 22-151.)

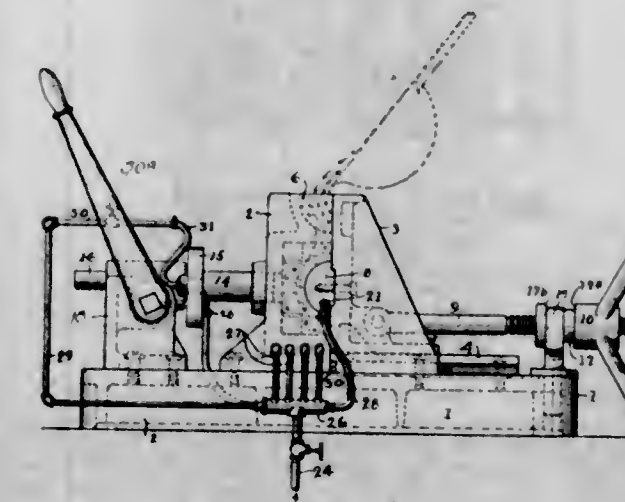
1. A sectional permanent core arranged to cooperate with a mold to define a core surface of quadrilateral cross section, said core having no inward draft to permit the

core to be removed bodily from engagement with a casting after a casting operation, said core comprising two pairs of opposed outer sections and an inner or key section, each of the first pair of said outer sections defining portions of only two adjacent outer sides of the core, the second pair of outer sections cooperating with said first pair of sections to define the outer longitudinal surface of the core, said key section being arranged to be



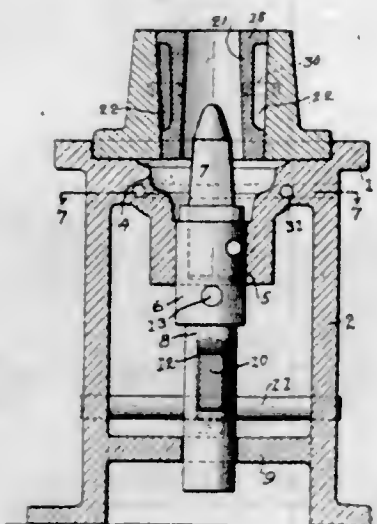
readily inserted intermediate said outer core sections and removed from the assembled core, the inner surfaces of the first pair of sections being shaped to permit the second pair of sections to be moved inwardly toward the center of the core and vice versa when the key section is removed from the core, the second pair of sections being shaped so that inner surfaces thereof may cooperate with inner surfaces of said first pair of sections.

1,645,730. METHOD OF CASTING. CONRAD VAUGHAN, Cleveland, Ohio, assignor to The Permold Company, Cleveland, Ohio, a Corporation of Ohio. Original application filed Nov. 20, 1922, Serial No. 602,269. Divided and this application filed Dec. 26, 1924. Serial No. 758,115. 13 Claims. (Cl. 22-200.)



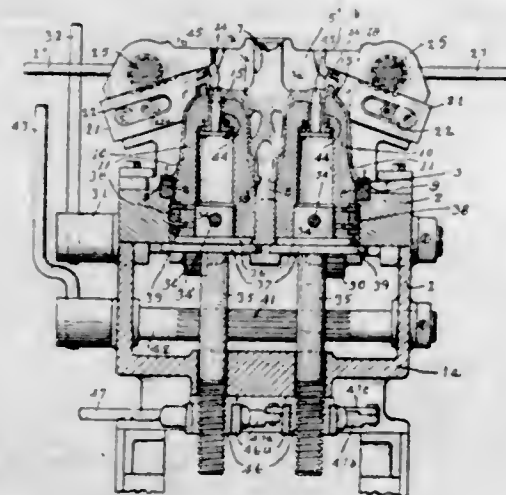
1. The method of casting a metallic alloy of relatively high crystallization shrinkage and of relatively low fusing point which consists in pouring such metal into a metal mold of substantially uniform heat conductivity having a mold cavity, a relatively small sprue cavity, and a relatively narrow gate between them, controlling the flow of metal through the gate from the sprue cavity and chilling the metal in the mold cavity in such a manner that freezing is progressive toward the gate, whereby the surplus of metal in the gate and sprue cavity is maintained molten during substantially the solidification period of the metal in the mold cavity.

1,645,731. MOLD. CONRAD VAUGHAN, Cleveland, Ohio, assignor to The Permold Company, Cleveland, Ohio, a Corporation of Ohio. Filed Jan. 5, 1925. Serial No. 511. 5 Claims. (Cl. 22-177.)



1. A permanent mold for casting metallic alloys of relatively high crystallization shrinkage and a relatively low fusing point which comprises a mold cavity, a sprue cavity and a gate therebetween, means to cool the mold adjacent portions of the mold cavity, means to retard the escape of heat from the sprue cavity and means to cool the metal in the sprue cavity after the metal in the mold cavity has solidified.

1,645,732. MOLD. CONRAD VAUGHAN, Cleveland, Ohio, assignor to The Permold Company, Cleveland, Ohio, a Corporation of Ohio. Filed July 8, 1925, Serial No. 42,144. Renewed July 22, 1927. 4 Claims. (Cl. 22-92.)



1. Mold apparatus comprising a fixed support, a pair of separable permanent mold sections mounted upon this support, said sections being formed to provide sprue and casting recesses, said mold sections being provided with a sliding core section, mechanism to move said sliding core section into place and simultaneously to lock said mold sections in immovable relation to each other.

1,645,733. DRAWING OR DRAFTING MECHANISM FOR DRAWING OR DRAFTING COTTON AND OTHER FIBROUS MATERIAL. WILLIAM BUCK WALTON, Halifax, England. Filed Feb. 11, 1926, Serial No. 87,725, and in Great Britain May 2, 1925. 5 Claims. (Cl. 19-142.)

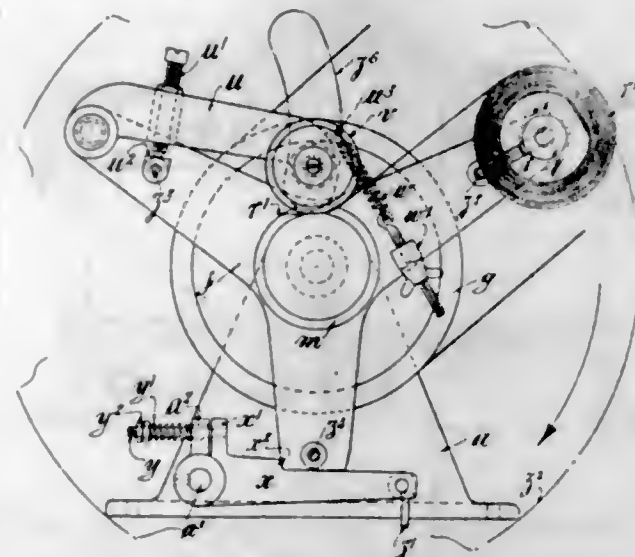
1. Self weighted top rollers for ring spinning and other machines comprising a plurality of rollers, a flex-

ible non-rigid coupling connecting adjacent rollers together to allow adjacent rollers to move out of true alignment



ment and to have a certain limited amount of rotary motion with respect to each other as required by the fibres passing under them.

1,645,734. MACHINE FOR TAPING OR SEALING BOXES, BOTTLES, AND LIKE CONTAINERS. EDGAR BERRY, Hyde, Manchester, England. Filed Mar. 15, 1927, Serial No. 175,622, and in Great Britain Dec. 20, 1926. 4 Claims. (Cl. 216-25.)

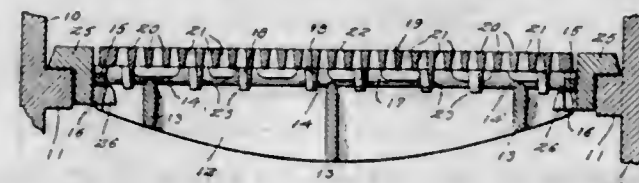


1. A machine for sealing boxes or other receptacles by means of a length of adhesive tape, comprising a stationary shaft, a "centre" carried by said shaft, a member revolvably mounted on said shaft and carrying a reel-holding pulley and a floating roller, the latter yieldingly pressing upon the periphery of the receptacle to be sealed, means for rotating the said reel-and-roller-carrying member, and means for automatically stopping said member after each complete revolution, as set forth.

1,645,735. GRATE BAR AND SUPPORT. ADOLPH E. BINDER, Spokane, Wash. Filed Dec. 11, 1925, Serial No. 74,806. Renewed May 31, 1927. 1 Claim. (Cl. 126-168.)

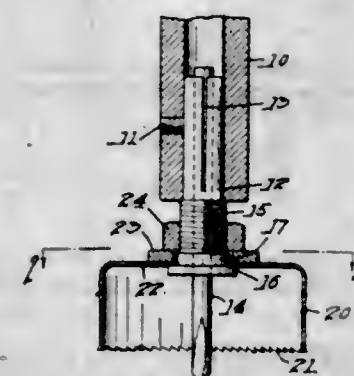
The combination with the walls of an ash-pit having longitudinal ribs thereon, of a grate bar including a pair of L-shaped brackets engaged on said ribs, each of the brackets having a horizontal headed lug projecting from its lower end portion, a support having parallel side bars

formed with spaced elevated portions on the upper edges and transverse connecting and spacing bars, the endmost of the transverse bars having vertical wedge notches receiving said headed lugs, the upper edge portions of the said side bars being beveled inwardly, and transversely



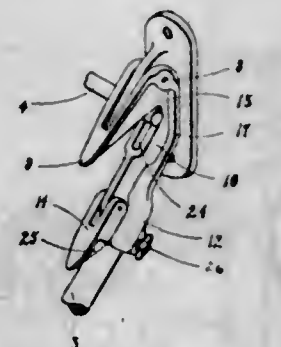
barred sections seated on the said elevated portions and having certain of the bars thereof extended downwardly between the parallel bars of the support and the ends thereof beveled in correspondence with and for engaging the beveled portions of the parallel bars of the support.

1,645,736. METAL-CUTTING TOOL. SVEN MALCOLM BLANCH and GEORGE W. FLEMING, Worcester, Mass., assignors to Fleming Machine Company, Worcester, Mass., a Corporation of Massachusetts. Filed Mar. 16, 1927. Serial No. 175,858. 4 Claims. (Cl. 77-69.)



1. In a circular metal cutting tool, the combination with a hollow spindle for driving it, a hollow shank for the tool having a split portion entering the spindle, a pilot drill passing up through the hollow shank of the tool, and a set screw engaging the split shank for holding the shank of the tool and the shank of the spindle firmly in position in the driving spindle.

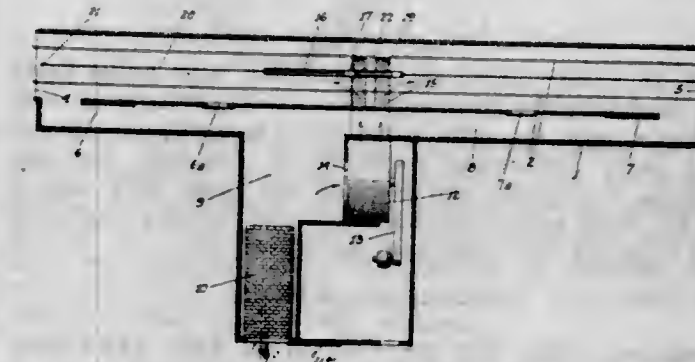
1,645,737. AWNING BRACKET. ROSS C. CAMPBELL, Springfield, Ill. Filed Sept. 8, 1926. Serial No. 134,286. 5 Claims. (Cl. 156-44.)



1. In an awning bracket of the character described a stationary member comprising an angularly disposed downwardly projecting arm providing slide means for the end of an awning locking bar along its top surface and catch means for the engagement and retention of said awning locking bar under said arm; a movable member of said bracket pivotally mounted on said stationary member and comprising a pair of parallel angularly disposed integral arms, each downwardly projecting at an angle approximately 45°; said arms positioned in parallel alignment and provided with a common slot extending throughout greater portion of their length; said slot adapted to accommodate said angularly disposed arm of

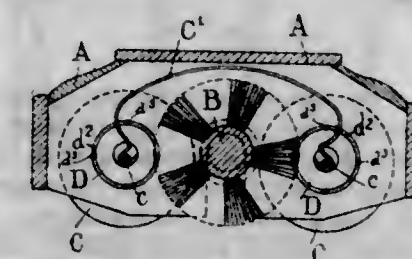
said stationary member; the upper and shorter of said arms adapted to provide cooperative means with said arm of said stationary member for stopping and retaining an awning locking bar; the lower and longer of said parallel arms provided with a socket terminal for the accommodation and adjustable support of an awning frame member; said longer arm further provided with a longitudinal rib member pivotally supporting a bridge and block member adapted to bridge and block the space between the lower ends of said parallel arms and provide slidable release means for the upward movement of an awning locking bar when in normal operation when raising the awning.

1,645,738. DRIER. FRANK C. CHAPMAN, Modesto, Calif. Filed Apr. 7, 1926. Serial No. 100,245. 13 Claims. (Cl. 34-46.)



1. A drier comprising a tunnel having a hot air inlet, means for advancing material to be dried through the tunnel and past the air inlet and maintaining the space in the tunnel immediately adjacent the air inlet freely open between the advancing material.

1,645,739. CARPET SWEEPER. TOM DICKINSON, Accrington, England, assignor to Entwistle & Kenyon Limited, Accrington, England. Filed Dec. 12, 1925, Serial No. 75,104, and in Great Britain Apr. 30, 1925. 1 Claim. (Cl. 15-41.)

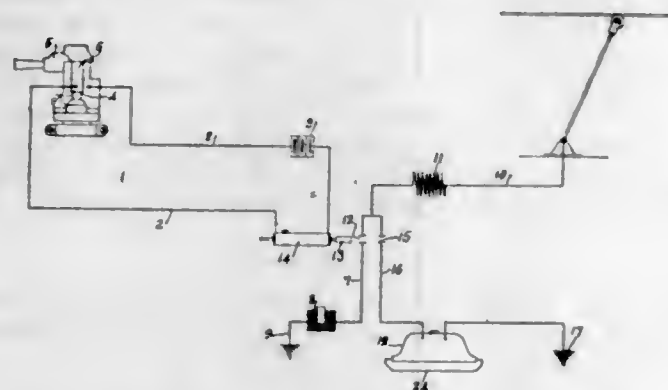


A carpet sweeper of the type referred to having a casing with an end wall, a supporting wheel and an axle of small diameter upon which the wheel rotates, passing through a large hole in said wall, a disc of flexible material formed with a hole in the center fitted around the axle and through which the axle extends and a supporting ring of stiff material, formed with an aperture substantially larger than the axle and through which the axle extends, around the outer edge of the flexible disc and affixed to the interior side of the end wall of the sweeper case, the diameter of the disc being greater than that of the supporting ring to permit of an eccentric movement of the centre hole in relation to the edge of the flexible disc.

1,645,740. METHOD OF TREATING THREADED SURFACES OF NUTS AND BOLTS. ROBERT MILLS EVANS, Seattle, Wash. Filed Oct. 23, 1926. Serial No. 143,799. 2 Claims. (Cl. 151-1.)

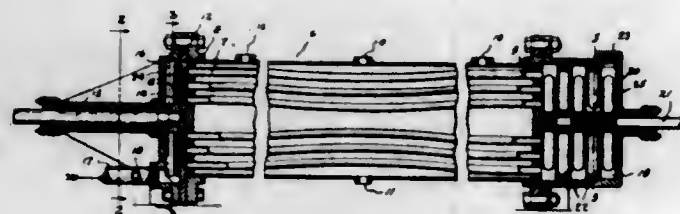
1. The process of effecting a locking connection between nuts and bolts which consists in coating the threaded surfaces of the nuts and bolts with a material of a different degree of hardness and thence tightening said nuts onto said bolts under pressure.

1,645,741. RAIL BRAKE FOR RAILWAY CARS. THOMAS ELLIOTT, Birmingham, Ala. Filed Aug. 5, 1926. Serial No. 127,452. 10 Claims. (Cl. 188—165.)



1. In a rail brake, the combination with brake shoes of mechanism to suspend the shoes normally a safe distance from the rails, magnets to magnetize the shoes, and other mechanism connected to overcome the suspension mechanism and position the shoes with respect to the rails within the magnetic field, whence the shoes are attracted to and against the rails.

1,645,742. PROCESS OF CHILLING AND AERATING FLUIDS AND DEVICE FOR CARRYING OUT SAID PROCESS. THOMAS ARTHUR FEE, Jr., Vancouver, British Columbia, Canada, and HARRY LAMB, Chicago, Ill. Filed Dec. 8, 1926. Serial No. 153,342. 8 Claims. (Cl. 99—13.)



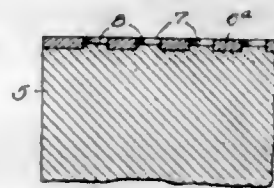
6. A device of the character described embodying a retort having therethrough a plurality of fluid receiving tubes; means whereby refrigeration may be applied to said tubes; means whereby air under pressure may be admitted to said tubes whereby said fluid may be forced through said tubes; a fluid beater chamber disposed at one end, of said retort; beating means in said beater chamber; a disk disposed across the end of said retort having apertures of smaller diameter than the diameter of said tubes, said apertures registering with said tubes; and a butterfly disk revolvably disposed in front of said apertured disk whereby communication between said feeding chamber and said tubes may be intermittently opened and closed.

8. The process of chilling and aerating a fluid comprising the steps of introducing air under pressure to the fluid, intermittently subjecting said fluid pressure in refrigerating tubes whereby said fluid is forced there-through; chilling, and beating said fluid whereby the amount of air introduced into the fluid is directly controlled and the fluid and the air admitted is prevented from being exposed to the atmosphere.

1,645,743. REINFORCING AND THE LIKE BAND FOR EXPANSION-JOINT STRIPS. ALBERT C. FISCHER, Chicago, Ill. Filed Aug. 21, 1926. Serial No. 130,687. 2 Claims. (Cl. 94—18.)

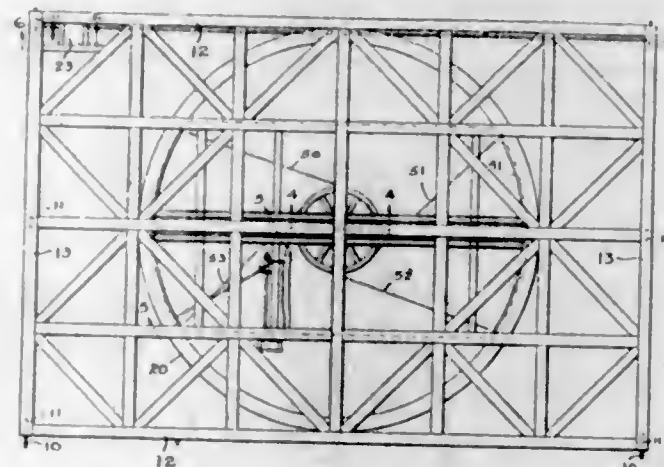
1. In combination, a relatively long and normally flexible preformed strip of bituminous expansion joint material, and means mounted along a longitudinal edge

thereof to resist the normal flexing of said strip, comprising a relatively thin metal band of a width and length



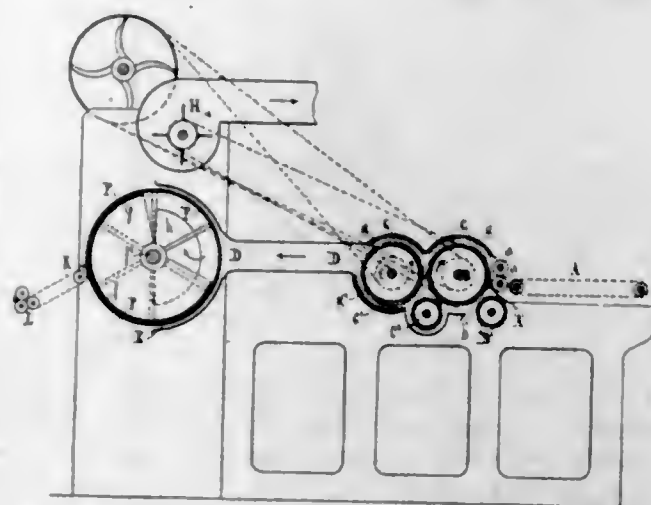
corresponding to the thickness and length of the strip, said band engaging the edge of said strip only and leaving the entire area of the strip sides exposed.

1,645,744. TURNTABLE CRANE. BENJAMIN F. FITCH, Greenwich, Conn. Filed Feb. 12, 1925. Serial No. 8,680. 11 Claims. (Cl. 212—10.)



1. In a crane, the combination with a main frame, of a supplemental frame rotatably carried by the main frame, a drum mounted for rotation upon a vertical axle coincident with the axis of rotation of the supplemental frame, and load engaging members leading from the drum.

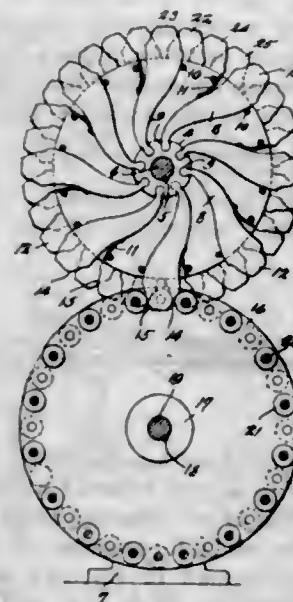
1,645,745. MACHINE FOR CLEANING, OPENING, AND COMBING COTTON, COTTON WASTE, AND LIKE MATERIALS. JOHN FORKIN, Manchester, England. Filed Nov. 2, 1926. Serial No. 145,882, and in Great Britain Oct. 16, 1926. 3 Claims. (Cl. 19—96.)



1. A machine of the type referred to for opening, cleaning and combing cotton waste and similar material comprising in its construction the combination with a feed device of a licker-in roller to receive the fibres from the feed device, a second cleaning roller behind the licker-in roller, a straightening roller below the licker-in roller, a second straightening roller between and below

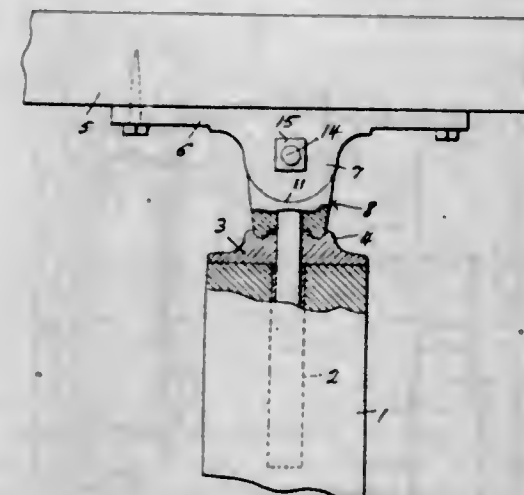
the licker-in roller and the second cleaning roller, a casing above the licker-in roller and the second roller, saw teeth on the surface of said casing adjacent to the rollers, a casing below the second cleaning roller and saw teeth on the surface of said casing adjacent to the roller.

1,645,746. POWER-TRANSMITTING MEANS. HENRY H. FRICK, Fricks, Pa. Filed Aug. 2, 1926. Serial No. 126,532. 3 Claims. (Cl. 74—41.)



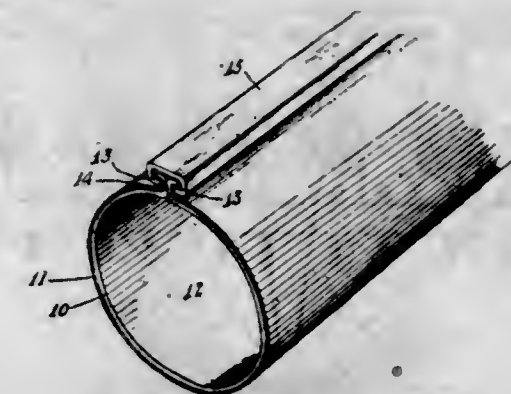
1. In a device of the class described, cooperating members supported for rotation, one of said members having rotatable teeth, the other of said members embodying arms mounted for swinging movement and provided with teeth adapted to engage between the rotatable teeth, the teeth of the arms having reversely curved forward driving edges, and being provided with reversely curved rear edges of greater length than the driving edges, and means for limiting the swinging movement of the arms.

1,645,747. SWIVEL. JOHN J. FREY, Logan City, Utah. Filed Oct. 22, 1926. Serial No. 143,474. 3 Claims. (Cl. 212—70.)



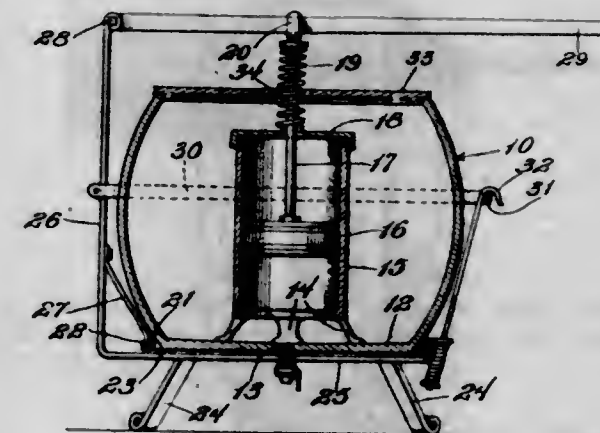
2. In a structure of the class described, a standard top plate having a central opening surrounded by an annular groove, a beam plate provided with spaced parallel depending ears having rounded lower edge portions, a collar interposed between said ears and top plate, said collar having a rib for reception in said groove and being provided with semi-circular seats for reception of said ears, and means for maintaining said parts in assembled relation.

1,645,748. RUBBER-COATED ARTICLE AND METHOD OF MAKING THE SAME. JOHN R. GAMMETER, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a Corporation of New York. Filed Feb. 18, 1925. Serial No. 10,041. 4 Claims. (Cl. 137—75.)



1. The method of making a rubber-lined hollow article which comprises securing a preformed layer of rubber locally throughout its extent, substantially by adhesion only to the face of a piece of sheet metal and placing said rubber layer under compression by bending the composite sheet to hollow cross-sectional form with its rubber-covered face inwardly exposed.

1,645,749. DISHWASHING MACHINE. ELI GILBERTSON, Fairchild, Wis. Filed Oct. 13, 1925. Serial No. 62,266. 1 Claim. (Cl. 141—9.)

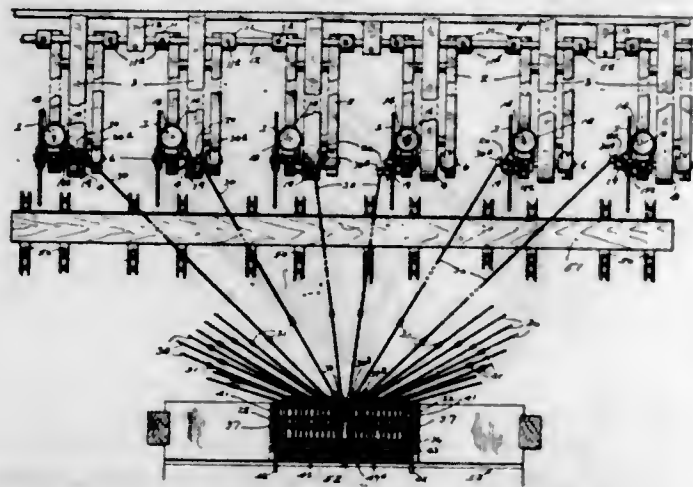


In a dish washing machine, a tub, a vertically extending cylinder in the tub and supported in spaced relation to the bottom of the tub, a piston within the cylinder, means for reciprocating the piston comprising a pivoted lever, a rod for the piston having a fork at its upper end to loosely receive the lever intermediate its ends and a spring normally urging the piston upwardly, said spring maintaining the base of the fork of the piston rod in engagement with the under surface of the lever.

1,645,750. TRIMMER-SAW MECHANISM. GUST GRAPINBERGER, Portland, Ore. Filed Nov. 3, 1924. Serial No. 747,556. 10 Claims. (Cl. 143—41.)

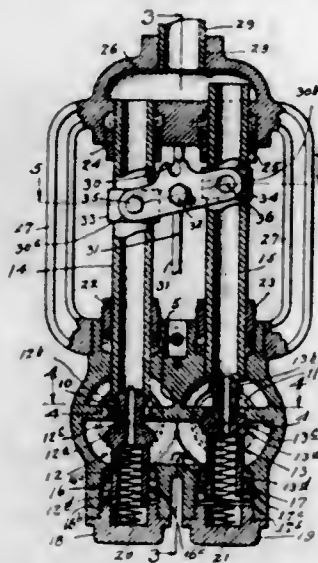
1. In trimmer saw mechanism comprising a fluid pressure cylinder for each saw in which the fluid is admitted at each end, a valve control for such cylinder, and operating means, included in said valve control, arranged to reduce the amount of power required to operate said valve control to a practical minimum, means located at a central station for operating said valve controls, comprising a series of parallel short stiff rods, fixed guide bearings for such rods adapted to restrain the lateral deflection, other stiff rods connecting said short rods

with said valve operating means, respectively, means for operating said short rods individually, adapted to graduate to the length of stroke thereof, respectively, relatively to the variations in the angles of divergence of the points



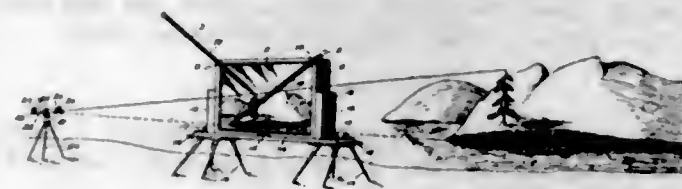
at which particular cylinders are located from the line of motion of the related short rod, so as to transmit uniform operative motion to all of said valve operating means.

1,645,751. VALVE. GUST GRAFFINBERGER, Portland, Ore. Filed Nov. 20, 1924. Serial No. 751,053. 9 Claims. (Cl. 121—38.)



8. A valve control mechanism for a power cylinder of the character described, comprising a valve unit for each end of the cylinder, each of said units including a valve disc provided with a stem having fluid tight bearing in a guide socket located in, but having no communication with the inlet side of the valve chamber, and exhaust-pipe reciprocal in the outlet side of the valve body in axial alignment with said valve disc, controlling the escape of the operating fluid, said exhaust-pipe constituting the operating member of said valve disc, one end thereof seating on said valve disc and its opposite end extending to the outside of the valve body, said valve disc having longitudinal duct connecting said guide socket with the outlet side of the valve chamber and said exhaust-pipe when the latter is seated on the valve, and an operating lever connected to the exhaust-pipes of both valve units, and fulcrumed to operate said exhaust-pipes and thereby said valve discs synchronously, but oppositely, whereby any momentarily excess pressure in the emitting end of the power cylinder due to the sudden movement of the cylinder piston and tending to unbalance the valve, is neutralized by pressure distribution to both ends of the valve.

1,645,752. REPRODUCING DEVICE. THEODORE N. HANSEN, Seattle, Wash. Filed May 24, 1926. Serial No. 111,443. 2 Claims. (Cl. 33—64.)



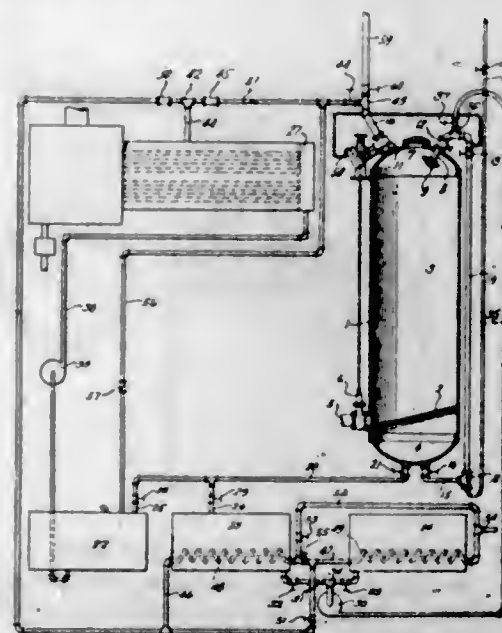
1. A reproducing device comprising in combination a sighting instrument, a transparent screen interposed between said instrument and the objects to be reproduced, and adjustable pointers, pivotally and slidably mounted on the upper corners of the screen respectively.

1,645,753. TOOL. EDWARD HANSON, Cleveland, Ohio. Filed Oct. 15, 1925. Serial No. 62,320. 3 Claims. (Cl. 145—52.)



1. In mechanism of the class described, the combination with a shank having a tool element at its outer end, of a holder for a device to be operated upon by said element comprising a sleeve slidable endwise on said shank and having an opening formed in its side wall adjacent its outer end, said opening having a width substantially equal to the internal diameter of said sleeve, an inwardly extending flange extending around the end of said sleeve between the opposite sides of said opening and forming a slot as an elongation of said opening, means between said sleeve and shank for maintaining said tool element at an angle to the major axis of said slot while guiding said sleeve and shank longitudinally one relative to the other, and a spring interposed between said shank and said sleeve normally tending to effect relative movement between them in a direction to clamp a device between said tool element and the inner face of said flange.

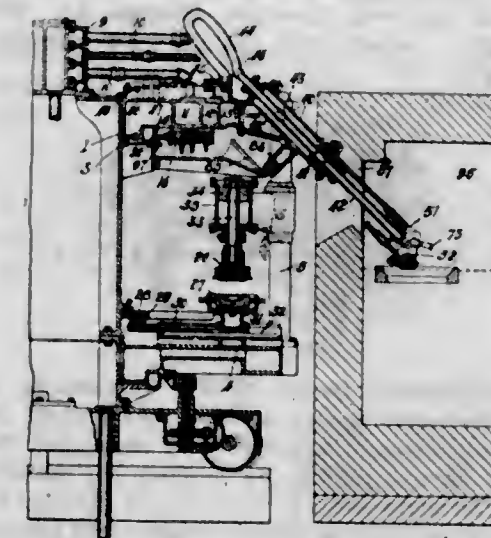
1,645,754. METHOD AND APPARATUS FOR PRODUCING PAPER PULP. WALLACE H. HOWELL, Jr., Willimboro, N. Y. Filed Sept. 10, 1926. Serial No. 134,600. 13 Claims. (Cl. 92—7.)



1. The method of cooking cellulosic material which comprises subjecting the material to the action of a chemical liquor in a digester, circulating the liquor by

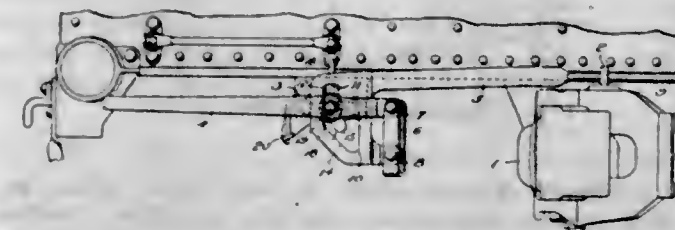
means of steam, and continuously maintaining such circulation by bleeding steam from the digester, said steam being utilized to heat the first effect of an evaporator and passing the liquor after completing the cook through said evaporator.

1,645,755. GATHERING MEANS FOR GLASS-WORKING APPARATUS. AUGUST KADOW, Toledo, Ohio, assignor to The Libbey Glass Manufacturing Company, Toledo, Ohio, a Corporation of Ohio. Filed Sept. 1, 1922. Serial No. 583,588. 15 Claims. (Cl. 49—62.)



1. In a machine of the class described, a gathering unit including a ram, fluid controlled means for imparting reciprocal movements to the ram, a gathering head movably carried by the ram and normally standing in one position of its movement relative thereto, and means dependent upon movement of the ram and automatically operable to move the head to a different predetermined position relative to the ram when the ram is at a predetermined point in its movement relative to the control means.

1,645,756. UNCOUPLING DEVICE. WILLIAM KELSO, Pittsburgh, Pa., assignor to The McConway & Torley Company, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed Oct. 13, 1926. Serial No. 141,319. 11 Claims. (Cl. 213—164.)

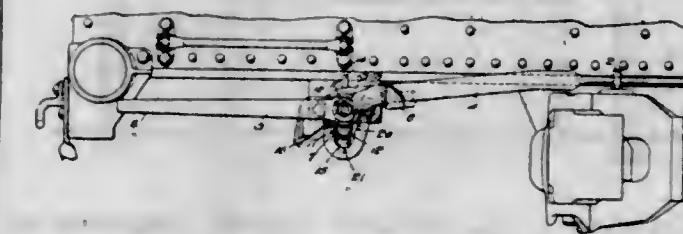


1. An uncoupling device for actuating the locking mechanism of a car coupler, said device involving an uncoupling lever comprising a plurality of relatively movable members one of which is adapted to actuate another to cause the latter to perform an uncoupling movement, and means for preventing said last named lever member from accidentally moving to uncoupling position until after the lever member by which it is actuated executes a movement toward uncoupling position.

1,645,757. UNCOUPLING DEVICE. WILLIAM KELSO, Pittsburgh, Pa., assignor to The McConway & Torley Company, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed Nov. 2, 1926. Serial No. 145,781. 3 Claims. (Cl. 213—164.)

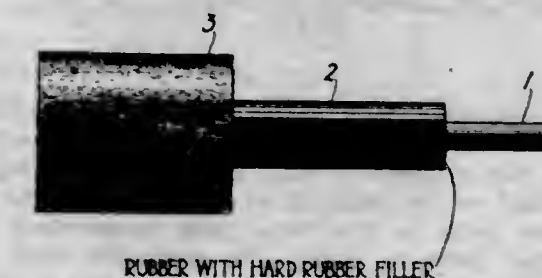
1. An uncoupling device for actuating the locking mechanism of a car coupler, said device involving an uncoupling lever comprising an operating arm and an

operated arm, means for pivotally mounting the operating arm on the car body, said operating arm being adapted to engage the operated arm to effect an uncoupling movement of the latter, and means fixed with respect to the pivotal axis of the operating lever adapted



to engage said operated lever to prevent the latter from accidentally moving to uncoupling position, said operating lever upon an uncoupling rotation being adapted to shift said operated lever so as to release it from the control of said last named means.

1,645,758. SUBMARINE-CABLE INSULATION. ARCHIE REED KEMP, Jamaica, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Dec. 8, 1921. Serial No. 521,032. 2 Claims. (Cl. 173—264.)



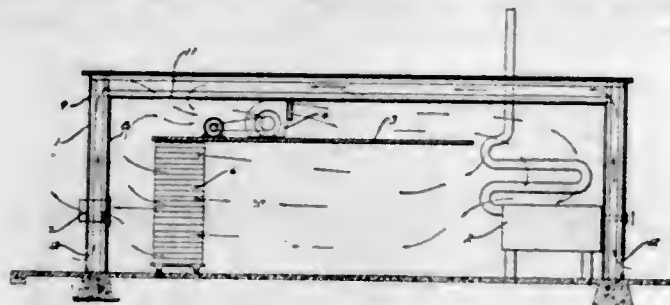
1. The combination with a submarine cable conductor, of insulation therefor comprising rubber and a filler of powdered vulcanized rubber.

1,645,759. CARPET SWEEPER. WILLIAM HENRY KENYON, Accrington, England, assignor to Entwistle & Kenyon Limited, Accrington, England. Filed Oct. 22, 1923. Serial No. 670,038, and in Great Britain Nov. 7, 1922. 1 Claim. (Cl. 15—48.)



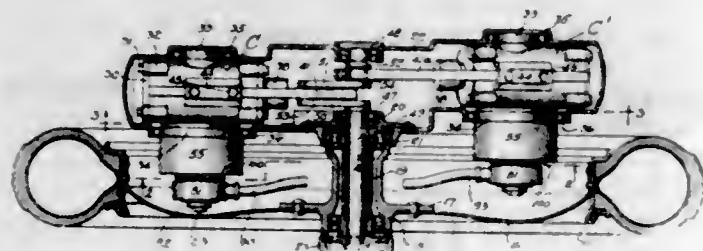
In a carpet sweeper having a case, a horizontal cylindrical brush, a toothed metal clearer positioned above said brush, a metal attaching bracket positioned at each end of the clearer and integral therewith and bent over upon itself to form a rigid attaching member, and a block on the underside of the case to which the attaching brackets are affixed.

1,645,760. DRIER OR DEHYDRATING PLANT. FREDERICK F. KNIPSCHILD, Oakland, Calif. Filed May 10, 1926. Serial No. 108,064. 3 Claims. (Cl. 34-19.)



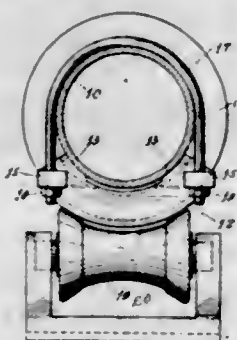
1. A drier of the character described comprising an enclosure, a heat circulating system within the enclosure, an outlet for the same and guide means causing the circulating system to draw on air immediately surrounding the enclosure for a fresh supply of air.

1,645,761. EXPANSIBLE-FLUID MOTOR. JOHN J. LE DUC, Burbank, Calif. Filed Aug. 16, 1924. Serial No. 732,473. 9 Claims. (Cl. 121-64.)



2. An expansible fluid motor comprising a cylinder mounted for oscillation and having a pair of ports, a piston in the cylinder, a fluid chest for supplying expansible fluid to the cylinder, a valve body in the fluid chest, inlet ports in the valve body co-operating with the cylinder ports to supply the expansible fluid from said chest to the cylinder in such manner that a reciprocation of the piston is effected, inlet valves controlling the inlet ports and constructed to close the inlet ports when the latter are placed in communication with the cylinder, yieldable means for moving the valves to open the inlet ports when the latter are not in communication with the cylinder, abutments oscillated by the cylinder for maintaining the inlet valves open for a predetermined period when the inlet ports are in communication with the cylinder, and ducts and ports in the valve body co-operating with the cylinder ports to permit exhaust of the expansible fluid from the cylinder.

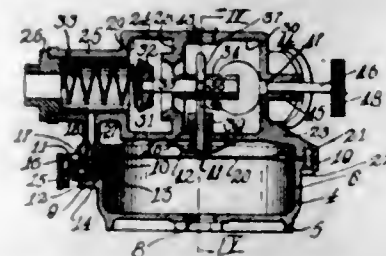
1,645,762. SUPPORT FOR HEAT-CONVEYING PIPES. HARRY J. LOHBILLER, St. Louis, Mo. Filed May 12, 1922. Serial No. 560,301. 1 Claim. (Cl. 137-75.)



A support for heat conveying pipes surrounded with heat retaining material, comprising a saddle curved transversely to conform to the curvature of the pipe,

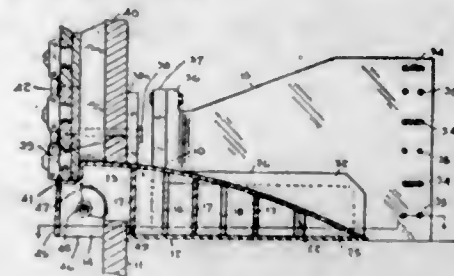
transversely extending ribs formed upon the upper surface of the saddle, said ribs at their extremities provided with raised portions for contact with the surface of the pipe, said ribs providing a space between the pipe and the body of the saddle for the reception of heat retaining material, apertured lugs formed upon the corners of the saddle, straps extending over the pipe and engaging said lugs, and a channeled supporting roller conforming to the curvature of the saddle.

1,645,763. AUTOMATIC TIMING VALVE. GUNNAR E. LUNDBERG and IVAR JEPSSON, Chicago, Ill. Filed Mar. 12, 1926. Serial No. 94,134. 3 Claims. (Cl. 137-139.)



2. An automatic timing device comprising a partitioned valve casing having a valve seat formed therein, a main control valve, a grooved stem connected therewith, a latching device, means for moving the grooved valve stem and the main control valve into a position to permit the latching device to lockingly engage said grooved valve stem to hold the valve in open position, a diaphragm mechanism for co-action with said latching device, and an auxiliary valve device adapted to be adjusted to cause automatic operation of said diaphragm mechanism at a predetermined time to automatically release said latching device to permit the main control valve to seat in said valve seat to shut off the flow of liquid through said casing.

1,645,764. FURNACE-DOOR STRUCTURE. ARTHUR SYDNEY MCCLEAVE, Montreal, Quebec, Canada, assignor of one-half to Joseph Albert Desnoyers, Montreal, Canada. Filed Apr. 5, 1926. Serial No. 99,833. 1 Claim. (Cl. 110-174.)



In a furnace door structure, a door frame having an air inlet passage thereacross from the underside, a valve adapted to close said passage and suitably operated, an air director formed of flaring side distributing boxes having wide inlet openings and end outlet openings through the inner walls, a sill sloping downwardly from the door frame and joined to said boxes and upwardly turned to include said wide inlet openings, central inner enclosure forming the air passage from the frame inlet and having baffle walls deflecting the air in its flow through a central inner opening to the main chamber under the sill and communicating with the aforesaid distributing boxes and said enclosure having contiguous lugs and bolts securing them together.

1,645,765. RECEPTACLE. EBEN MCCREE, Arlington, N. J. Filed Apr. 5, 1924. Serial No. 704,834. 2 Claims. (Cl. 229-44.)

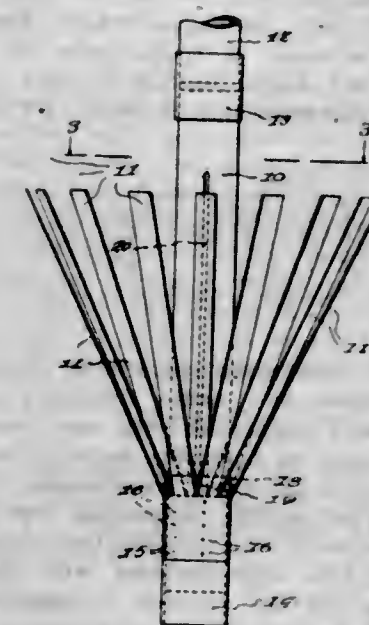
1. A receptacle comprising a body-member and a cover-section, each body-member and cover-section consisting of coextensive layers of sheet-pyroxylm or analogous mate-

rial, and a hinge-connection between said body-member and said cover-section, said hinge-connection comprising a piece of woven fabric or cloth having portions there-



of imbedded between and coextensive with the layers of sheet-pyroxylm of the said body-member and of the said cover-section.

1,645,766. DEVICE FOR PREVENTING CAVINGS. JAMES W. MCCULLOCH and ROY E. FRANCIS, Okmulgee, Okla. Filed Mar. 20, 1923. Serial No. 626,409. Renewed Jan. 4, 1926. 14 Claims. (Cl. 166-10.)



1. A cavings arrester comprising a supporting member, a plurality of radially spreadable wings secured at their lower ends to said member and free at their upper ends, means for holding the wings contracted around the supporting member, and a wedge ring slidable downwardly on said member for releasing the wings and spreading the same.

1,645,767. SHINGLE. THOMAS DENTON MILLER, Clarks-ville, Md. Filed Nov. 6, 1925. Serial No. 67,408. 2 Claims. (Cl. 108-7.)

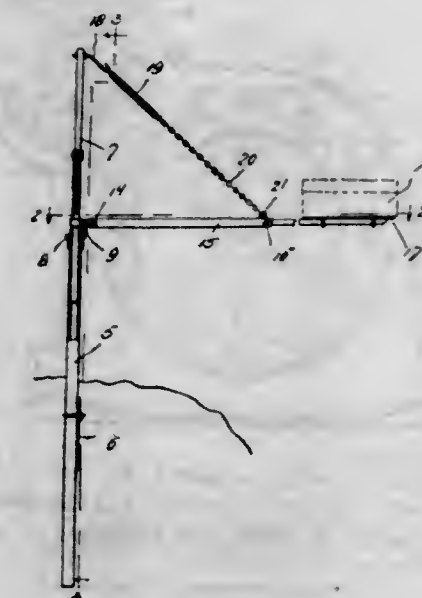


1. A roof covering comprising shingles arranged in overlapping rows, each shingle comprising a plurality of plane parts offset from one another by relatively abrupt transverse ramps, the ends of the shingles in one row registering substantially with the upper edges of ramps in the shingles of another row.

1,645,768. MAIL-BOX SUPPORT. JOSEPH MORTEN, Jr., Hartington, Nebr. Filed Aug. 18, 1926. Serial No. 130,030. 1 Claim. (Cl. 232-40.)

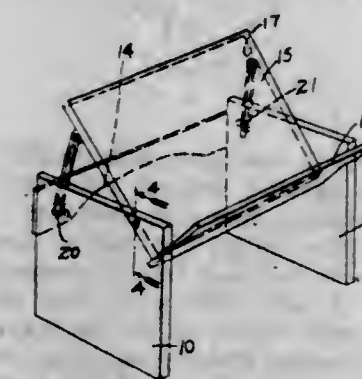
In a mail box support of the character described, a ground engaging hollow post, a bar telescopically arranged within the post and adapted to rotate therein,

cross arms secured in spaced relation to the post and said bar, coil springs interconnecting the opposite ends of the arms, a mail box supporting arm pivotally secured



at its inner end to the bar, and spring means interconnecting the said mail box supporting arm and the upper end of the bar for maintaining said arm in normal horizontal position.

1,645,769. COMBINATION DESK AND TABLE. SARAH L. MURRAY, Los Angeles, Calif. Filed Apr. 6, 1926. Serial No. 100,050. 2 Claims. (Cl. 45-82.)

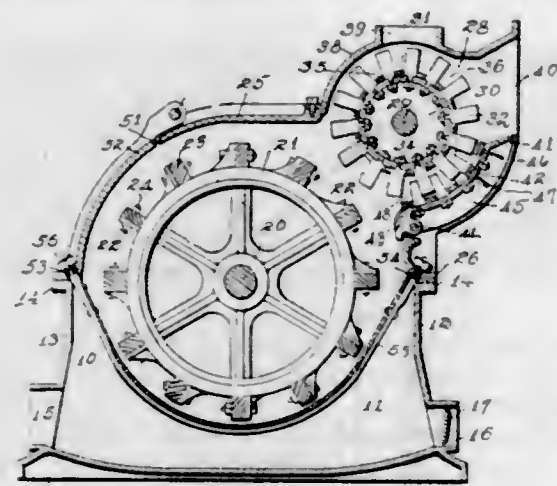


1. A combination desk and table comprising a pair of end supporting members, a forward transverse member presenting an inclined upper surface connecting the forward ends of said end supporting members, a rear transverse member connecting the rear ends of said supporting members, a table top pivoted to said end supporting members, slotted links pivoted to said table top, means providing studs upon said end supporting members slidably extending into the slots in said links, and wing nuts threaded onto said studs adapted to engage said links for holding the table top in adjusted position.

1,645,770. FORAGE MILL. HARRY J. OLSON, Des Moines, Iowa, assignor, by direct and mesne assignments, to Olson Mill Company, Des Moines, Iowa, a Corporation of Ohio. Filed Apr. 8, 1925. Serial No. 21,580. 3 Claims. (Cl. 146-117.)

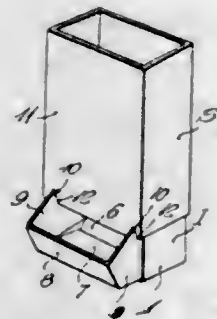
1. A forage mill comprising a supporting frame, a shaft rotatively mounted therein, a cylinder mounted on said shaft having a series of radially and outwardly extending teeth arranged in longitudinal rows, a cutter bar

mounted between each pair of adjacent rows of teeth and adjacent to said cylinder, a concave having a series of rows of radially and inwardly projecting teeth, the teeth



of said cylinder being adapted to travel between the teeth of said concave, a cutter bar between each pair of adjacent rows of teeth and adjacent to said concave.

1,645,771. COMBINED CONTAINER AND DISPENSER. RALPH B. PILLSBURY, Benton Station, Me. Filed Apr. 13, 1925, Serial No. 22,843. Renewed Mar. 24, 1927. 2 Claims. (Cl. 206—31.)

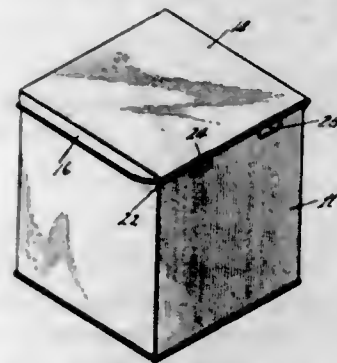


1. In a combined container and dispenser, an inner unit comprising parallel vertical side walls, upper and lower end walls connecting said side walls, a back wall connected with the upper portions of said side walls and the upper end wall but free of connection with the lower portions of said side walls and the lower end wall, a false bottom connected to the lower end of said back wall and resting slidably on said lower end wall, a short front wall rising from said false bottom, and side cheeks extending rearwardly from said front wall in sliding engagement with said side walls, the upper edges of said cheeks having notches spaced rearwardly from said front wall; and an outer unit or sheath slidably surrounding said inner unit, said sheath being upwardly movable to permit forward shifting of the afore-said front wall, side cheeks, false bottom and lower portion of the back wall, the lower end of the front of said sheath being then adapted for seating in the notches of said side cheeks.

1,645,772. CRACKER CAN. AUGUST PITTELKOW, Chicago, Ill., assignor to American Can Company, New York, N. Y., a Corporation of New Jersey. Filed Oct. 13, 1922. Serial No. 594,365. 3 Claims. (Cl. 220—32.)

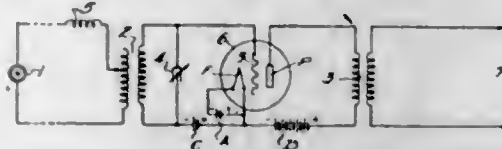
1. A container for crackers and the like, comprising a rectangular body having an open end, and a hinged cover adapted to close said end and having depending flanges extending down along the sides and front of the body, a stiffening wire enclosed in the lower edges of said flanges and arranged in a plane below the plane of the top of the cover and extending thence upward, and

enclosed in upwardly extending curls of the cover flanges, to the higher plane of the rear edge of the cover and enclosed at intervals in said edge and exposed at inter-



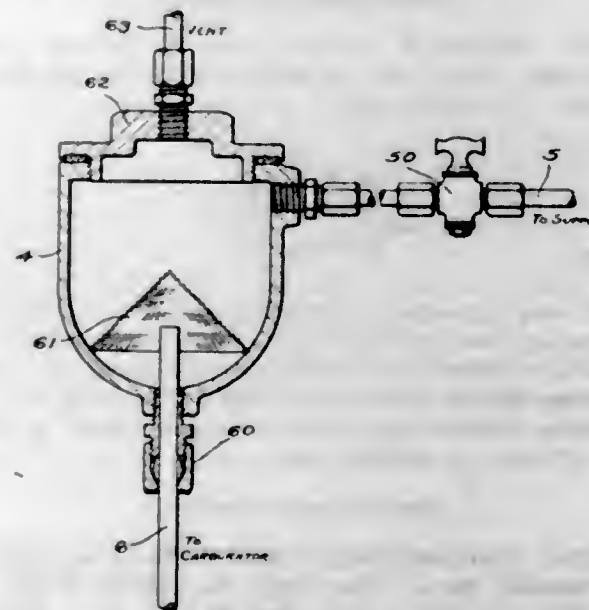
mediate intervals, and bearing members of the body enclosing said intermediate intervals of the wire at the upper edge of the rear part of said body.

1,645,773. TELEPHONE. BRUNO GERHARD POHLMANN, Siemensstadt, near Berlin, Germany, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany, a Corporation of Germany. Filed Dec. 22, 1921, Serial No. 524,259, and in Germany Dec. 29, 1920. Renewed Mar. 5, 1927. 8 Claims. (Cl. 178—44.)



1. A telephone installation comprising in combination a line, an amplifier and audio frequency input and output transformers connected with said amplifier and suitably dimensioned to have the natural frequency of the secondary coil of the input transformer lying within the range of higher audible frequencies and means for correcting the course of the amplification curve so as to bring its course into approximation with the damping curve of the line for the purpose of compensating the damping curve of the line by the amplification curve and of obtaining a uniform remaining damping or attenuation of all those frequencies which are important for the transmission of speech.

1,645,774. GASOLINE-CONSUMPTION TESTER. JOHN E. POWELL, Issaquah, Wash. Filed July 28, 1925. Serial No. 46,579. 3 Claims. (Cl. 73—151.)



1. A gasoline consumption tester comprising a container having gasoline supply and gasoline discharge pipes independently connected therewith to include said

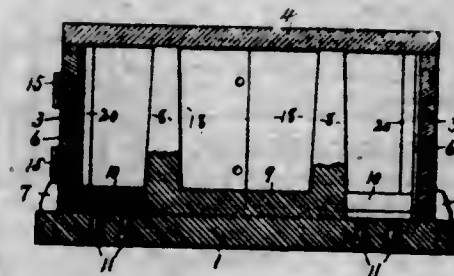
container in the normal gasoline supply line, means for adjustably fixing the level of the inlet discharge pipe to vary the available volume of said container, and means for cutting off the gasoline supply to said container when desired.

1,645,775. FLY SCREEN. PHILIP SIMPSON ROSS, Montreal, Quebec, Canada. Filed Oct. 22, 1923. Serial No. 669,990. 1 Claim. (Cl. 156—37.)



In a fly screen, a pair of lower slidable screens and a pair of upper slidable screens overlapping the lower screens, said screens closing a wall or window aperture and having a continuous opening thereacross, said opening being offset across the overlap, an outer frame having transverse slideways, an inner frame sliding in said outer frame and vertical end angle bars having one section of each curled to grip the screens and the other section of each extended to engage the faces of the screen in the sliding movements.

1,645,776. SECTIONAL MOLD FOR MAKING CONCRETE BLOCKS. CHARLES E. SANBORN, East Syracuse, N. Y. Filed Feb. 10, 1926. Serial No. 87,355. 2 Claims. (Cl. 25—121.)

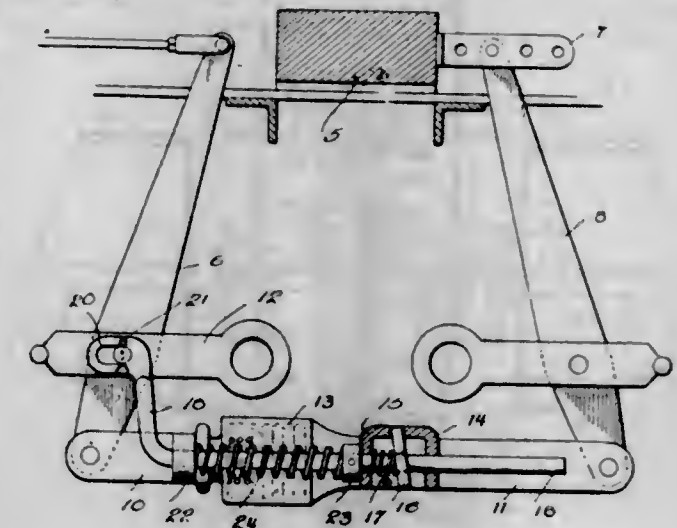


1. A sectional mold for making concrete blocks comprising a base section and a hollow upright section rising from the base section, said base section being provided with an upright core post in spaced relation to the walls of the upright section to form an opening through the concrete block, and a rib on the inner face of the base section extending from the base of the post to one side of the upright section to form a channel in said block leading from said opening to the exterior of the block, said rib being removable and interchangeable to different sides of the post to vary the position of the channel in the block.

1,645,777. SLACK ADJUSTER. WILLIAM H. SAUVAGE, New York, N. Y., assignor, by mesne assignments, to The Gould Coupler Company, a Corporation of Maryland. Filed May 17, 1924. Serial No. 714,173. 4 Claims. (Cl. 188—199.)

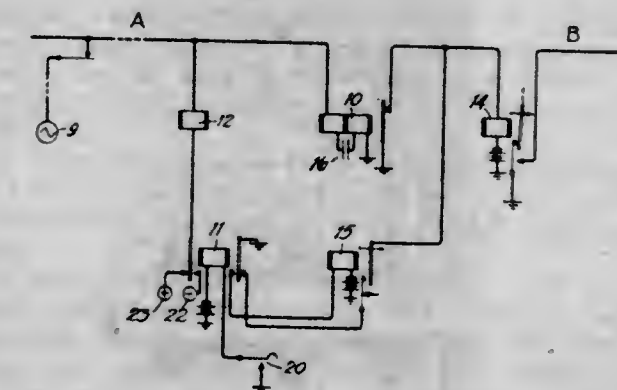
1. In an automatic slack adjuster for railway cars in combination, a two part telescopic push rod adapted

to connect the lower ends of the live and dead levers, an adjusting rod having lost motion connection with the live lever, a housing secured to one of said parts of the push rod, a guide lug secured to the other part,



and a compression spring interposed therebetween adapted to be compressed on excess travel, thereby to cause a change in the effective length of the telescopic push rod on release of the brakes.

1,645,778. TELEPHONE SYSTEM. JOHN B. SHIEL, Coroua, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., a Corporation of New York. Filed Mar. 31, 1926. Serial No. 98,662. 2 Claims. (Cl. 170—84.)

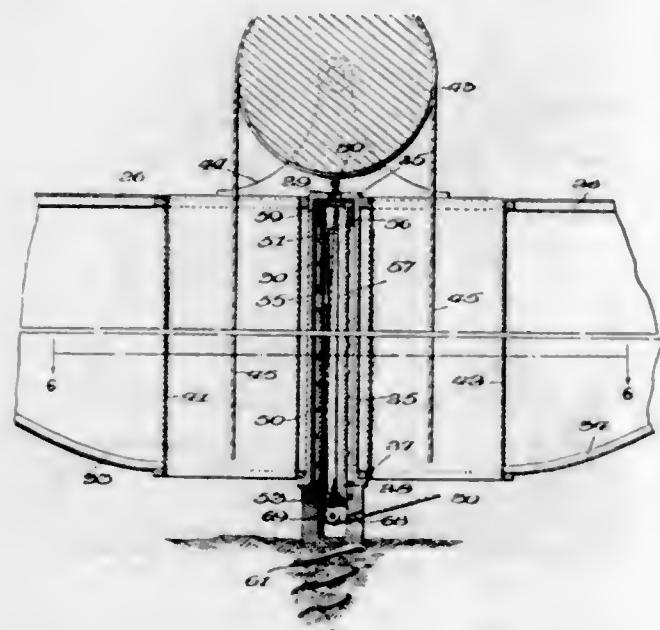


1. In a telephone system, a line, a relay connected to said line responsive to alternating current of a certain character, means responsive to said relay for actuating a signal, means for transmitting signaling impulses over said line of a character to which said first relay will respond, and relay means controlled by said last means for preventing the response of said first means to said relay.

1,645,779. AIRCRAFT. GEORGE B. STARKWEATHER, Washington, D. C. Filed Jan. 11, 1926. Serial No. 80,533. 18 Claims. (Cl. 244—2.)

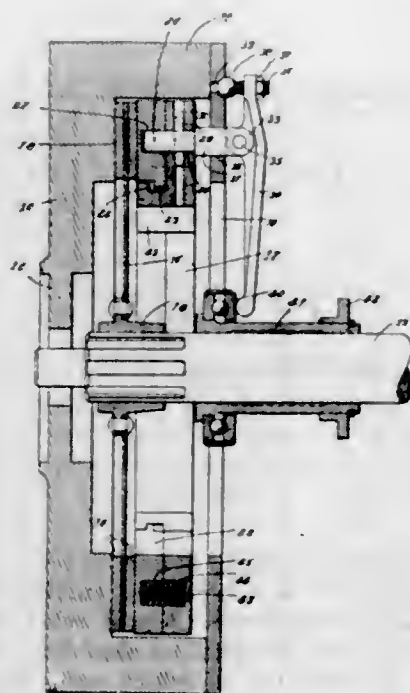
4. In aircraft having a body or hull of boat form, a vertical socket at the center of the body or hull adapted to receive and rotate on a fixed anchor post, manholes adjacent to the socket, one forward of the socket and the other in rear of it, extending through the bottom of

the hull or body, a drum above the upper ends of the manholes having a diameter equal to the distance between the centers of the manholes, and an endless rope



or band carried on the drum and so arranged that a portion of the endless rope or band depends through each manhole at its center.

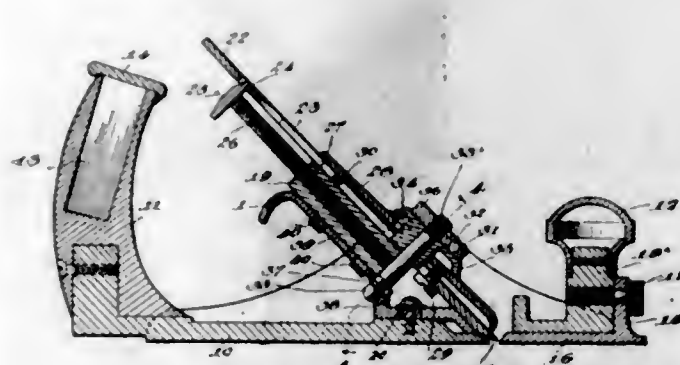
1,645,780. FRICTION CLUTCH. CHARLES A. STICKNEY, Rockford, Ill., assignor to Rockford Drilling Machine Company, Rockford, Ill., a Corporation of Illinois. Filed Oct. 19, 1925. Serial No. 63,205. 6 Claims. (Cl. 192-52.)



1. In a friction clutch, a driving member, such as a fly wheel, a pressure plate between said back plate and said driven member, a main pressure spring between said pressure plate and said back plate for urging said pressure plate toward said driven member, an intermediate pressure plate between said main pressure plate and said driven member, an auxiliary pressure spring acting between said main pressure plate and said intermediate pressure plate serving normally to hold the same sepa-

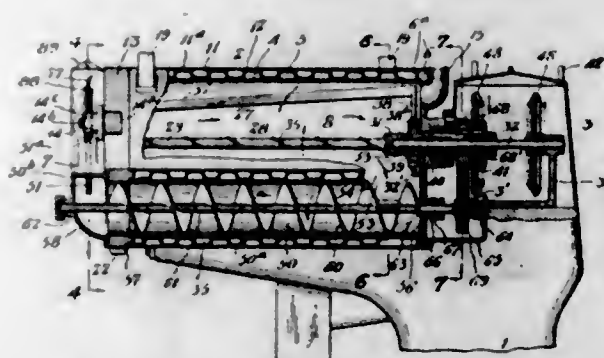
rated and to urge said intermediate pressure plate toward said driven member, and means for operating said clutch whereby to engage said intermediate pressure plate first under the sole pressure of the auxiliary spring and afterwards said main pressure plate with said driven member under the combined pressure of both springs.

1,645,781. BENCH PLANE. JOHN SZAKO, New York, N. Y. Filed July 31, 1925. Serial No. 47,208. 5 Claims. (Cl. 145-5.)



1. In a bench plane, the combination of a bed, a bit supported by said bed having a longitudinal slot, a pin extending through said bit and bed, a thumb-wheel journaled on said pin having an eccentric engaging said slot, means carried by said bed for locking said pin against movement, and means carried by the upper end of said pin for clamping said thumb-wheel in engagement with said bit.

1,645,782. FREEZING MECHANISM. FRANK TYSON, Canton, Ohio. Filed Feb. 7, 1923. Serial No. 617,469. 15 Claims. (Cl. 62-2.)

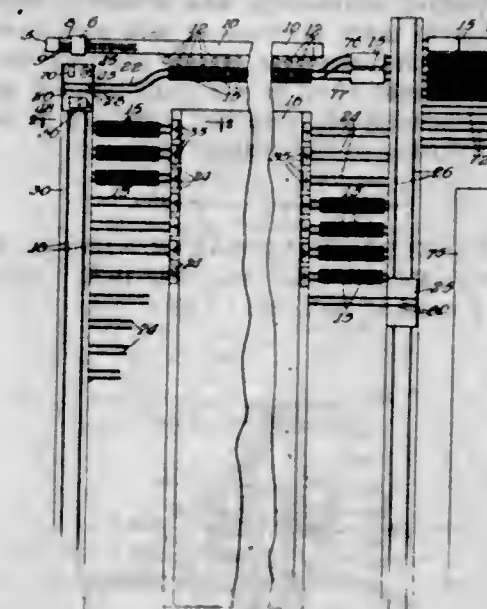


1. In a freezing mechanism, the combination of a freezing chamber comprising a cylinder having heads to close its opposite ends, a separate chamber having an inlet and an outlet connected at spaced points with said freezing chamber and agitator mechanism within the cylinder so arranged as to agitate the material therein and discharge the material through said inlet into said separate chamber whereby the material flows into and through said chamber and back into said cylinder.

1,645,783. TRANSPORT MEANS FOR BRICKS AND THE LIKE. CLARENCE J. WEBER, Chicago, Ill., assignor to National Brick Company, Chicago, Ill., a Corporation of Illinois. Filed Oct. 8, 1925. Serial No. 61,178. 3 Claims. (Cl. 104-48.)

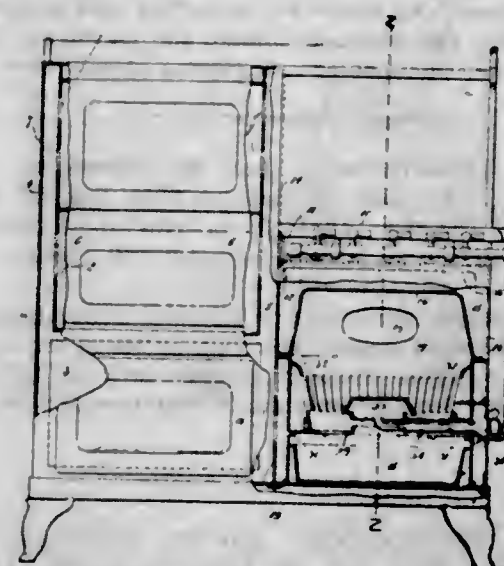
2. A transfer car for the purpose described, comprising a horizontal platform, wheels supporting said platform,

motor and winch means mounted upon one end of said platform, a controller mounted upon the opposite end of



said platform and a track mounted upon the platform and extending transversely across the same between said motor and winch means and said controller.

1,645,784. GAS RANGE. SAMUEL A. WILDE, Taunton, Mass., assignor to Glenwood Range Company, Taunton, Mass., a Corporation of Massachusetts. Filed Jan. 24, 1927. Serial No. 102,909. 7 Claims. (Cl. 126-39.)

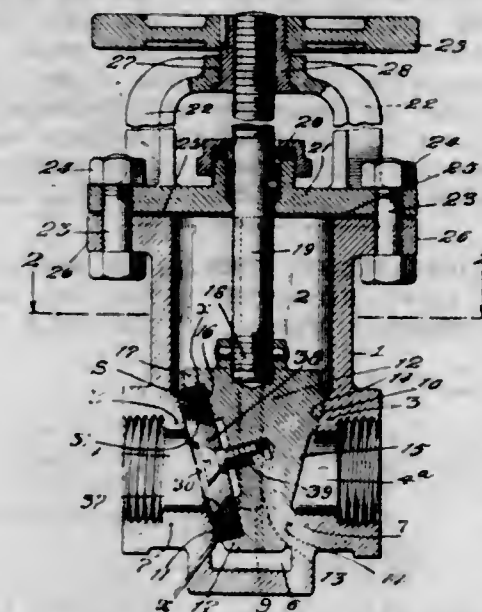


1. A gas range having within it a chamber fronted by a portion of the exterior wall of the range, an incinerator casing with dome arranged within said chamber making closed connection with a portion of the front wall of said chamber with smoke pipe leading outwardly through it, an incinerator located inside the enclosure of said casing and dome, means whereby access may be had to the incinerator and air admitted thereto through that portion of the exterior wall of the range fronting the incinerator casing, means whereby access may be had to the dome of the incinerator casing through the exterior wall of the range fronting said chamber, and a movable door closing the opening through said dome.

1,645,785. GATE VALVE. WYLIE GEMMEL WILSON, Elizabeth, N. J. Filed Jan. 6, 1926. Serial No. 79,572. 4 Claims. (Cl. 251-61.)

1. In a valve, the combination with a valve casing having opposed ports each enclosed by a flat, inclined valve seat wall, of a wedge shaped sealing ring carrier having a sealing ring receiving recess formed with a side wall of uniform diameter; a precompact sealing ring having a slightly elastic sealing face and a main body portion dimensioned to make a close initial fit with said

carrier operating means effective to move said sealing ring face into opposition to said latter valve seat wall with the clamping plate margin opposed thereto; said carrier operating means being also effective to wedge the sealing face against said latter valve seat wall, whereby no part of the sealing face is projectible into the port and whereby, on joint forming compression of the sealing face against said latter valve seat wall, the outer tapered corner portion of the ring is not compressible into a disintegratable fin between the carrier and the outward margin of said latter valve seat wall.

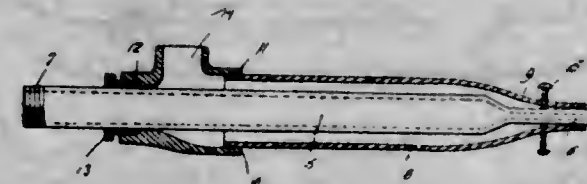


1,645,786. FOOD COMPOUND. HARPER F. ZOLLER, Detroit, Mich., assignor to Arctic Dairy Products Company, Detroit, Mich., a Corporation of Michigan. Filed July 21, 1922. Serial No. 576,631. 9 Claims. (Cl. 99-11.)

4. A synthetic food product comprising in combination a sterilized emulsified liquid mixture of the solids of skimmed milk, vegetable fat, egg yolk and sodium phosphate.

5. The process of making a synthetic food product which comprises heating coconut oil to a temperature not exceeding 100° F., intimately mixing egg yolk with said heated oil, adding skimmed milk to said mixture, heating the resulting product to a temperature of 185°-200° F., and holding it at such temperature for several minutes, evaporating the product to remove a portion of its moisture, and emulsifying the concentrated product.

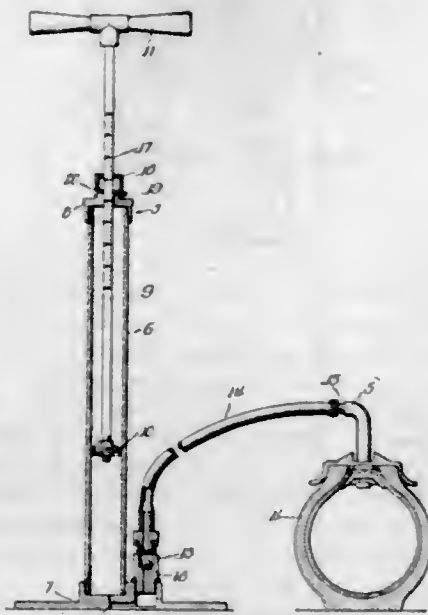
1,645,787. CRUDE-OIL BURNER. GEORGE L. BARNES, Everett, Wash. Filed Dec. 14, 1926. Serial No. 154,749. 1 Claim. (Cl. 158-75.)



In an oil burner of the class described, an air or steam jacket having a flared and flattened discharge end, a head threaded at its inner end on the opposite end of the jacket, the outer end of said head being opened, the

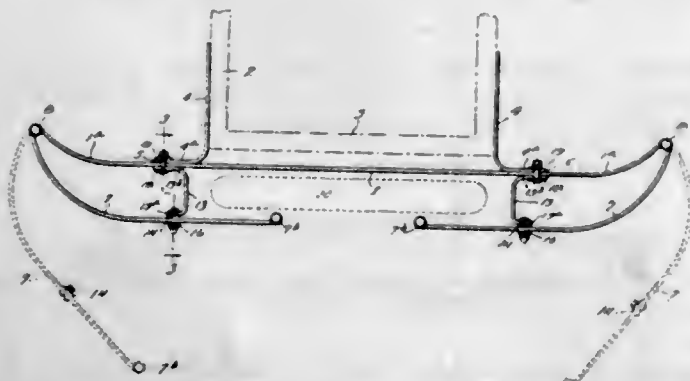
top of the head being provided with an air or steam inlet, whereby air or steam may be introduced in the jacket, an elongated oil pipe extending longitudinally through the jacket and through the outer open end of the head, a packing gland surrounding the pipe and threaded into the outer open end of the head, the forward end of the oil pipe being flattened and flared to provide an oil discharge nozzle, the discharge end of which projects beyond the outer end of the discharge end of the steam or air jacket, said oil pipe adapted for slidable movement through the jacket for adjusting the distance between the outer ends of the nozzle and the jacket respectively, the rear end of the oil pipe being threaded for communication with an oil supply pipe, and set screws threaded through the top and bottom of the flattened end of the jacket for engagement with the flattened top and bottom faces respectively of the discharge nozzle of said oil pipe for holding the same in any predetermined adjusted position.

1,645,788. COMBINATION TIRE PUMP AND GAUGE. HARRY B. BOLES, Harvey, Ill. Filed Nov. 6, 1925. Serial No. 67,213. 3 Claims. (Cl. 73-111.)



1. A combined pump and gauge of the character described comprising, in combination, a tubular barrel having an outlet adapted for connection with a pressure chamber, a non-return valve in said outlet, a piston and a piston rod manually operable in the barrel, said rod having arranged longitudinally thereof a scale calibrated so as to indicate substantially the pressure in said chamber in accordance with the rebound of the piston and rod due to the reaction of pressure upon the under side of the piston when the rod is released by the operator.

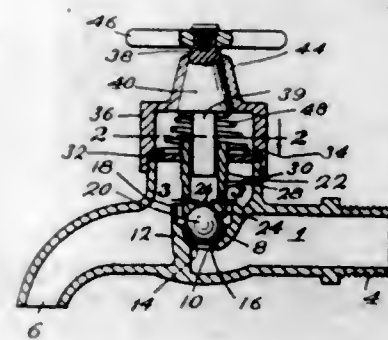
1,645,789. AUTOMOBILE BUMPER. HAROLD BROOCK, Detroit, Mich., assignor to The C. G. Spring & Bumper Company, Detroit, Mich., a Corporation of Delaware. Filed Dec. 29, 1924. Serial No. 758,519. 10 Claims. (Cl. 293-55.)



1. The combination, with a vehicle frame, of members supported from such frame and each extending outwardly

therefrom, a plurality of bars each pivotally connected at its outer end to the outer end of one of the said members and extending rearwardly and inwardly therefrom, means spacing the inner portions of said bars from their respective supporting members, means securing the inner end portions of said bars in vertically spaced relation, and means detachably securing the said bars in horizontally spaced relation to the spacing means.

1,645,790. PACKLESS BALL VALVE. HAROLD BROWN, Kansas City, Kans. Filed Aug. 19, 1926. Serial No. 130,190. 4 Claims. (Cl. 251-139.)



2. A valve consisting of a casing having a port, a ball valve-plug for closing said port, a tubular element for engaging said valve plug and provided with relief ports one of which is adjacent to the valve plug, a tubular extension in the valve casing surrounding one end of said tubular element, and means for actuating said tubular element to cause the latter to control the movement of the valve plug and the opening and closing of said port.

1,645,791. DENTIFRICE. ROY H. BROWNLEE, Pittsburgh, Pa. Original application filed Aug. 27, 1924. Serial No. 734,513. Divided and this application filed Oct. 12, 1926. Serial No. 141,243. 20 Claims. (Cl. 167-9.)

2. A dentifrice comprising as its chief active ingredient and as a solvent of organic matter a halide of an aliphatic hydrocarbon having its boiling point between the limits of twenty-five degrees centigrade and one hundred fifty degrees centigrade.

1,645,792. DENTIFRICE. ROY H. BROWNLEE, Pittsburgh, Pa. Filed Oct. 13, 1926. Serial No. 141,426. 13 Claims. (Cl. 167-9.)

6. A dentifrice comprising at least two different halides of aliphatic hydrocarbons, each of such halides having its boiling point between the limits of twenty-five degrees centigrade and one hundred fifty degrees centigrade, the halides being present in a combined amount constituting no less than one-twentieth by weight of the total composition.

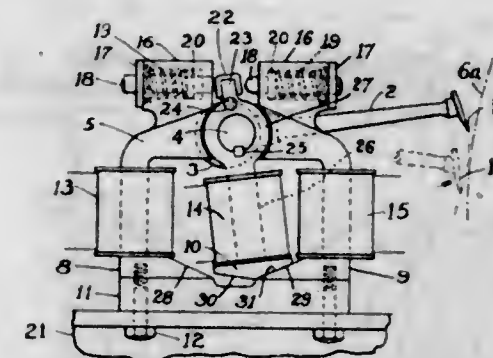
1,645,793. DENTIFRICE. ROY H. BROWNLEE, Pittsburgh, Pa. Filed Oct. 13, 1926. Serial No. 141,427. 4 Claims. (Cl. 167-9.)

1. A dental preparation comprising a halide of an aliphatic hydrocarbon, and elemental iodine dissolved in said organic halide.

1,645,794. VIBRATOR FOR CARD DOFFERS. RALPH W. BUNSTEAD, Lowell, Mass., and ROBERT S. ROBERTSON, Covington, Tenn., assignor of one-third to Henry J. Monty, Lowell, Mass. Filed Dec. 27, 1926. Serial No. 157,150. 3 Claims. (Cl. 19-106.)

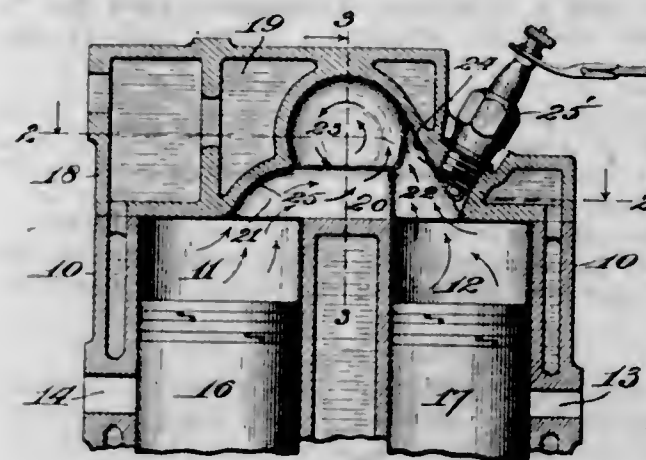
1. The combination with the doffer comb of a card and the rock shaft on which it is mounted, of two electro-

magnetic elements, one of which is carried by the rock shaft, one of said elements being a direct current element and the other arranged to operate with a regularly vary-



ing current, and said elements being so coordinated that the reaction between them will maintain a continuous oscillation of the element carried by the rock shaft.

1,645,795. INTERNAL-COMBUSTION ENGINE. EVERETT R. BURNETT, Los Angeles, Calif., assignor, by direct and mesne assignments, to The Automotive Valves Co., Los Angeles, Calif., a Voluntary Trust. Filed Sept. 25, 1924. Serial No. 739,914. 3 Claims. (Cl. 123-53.)

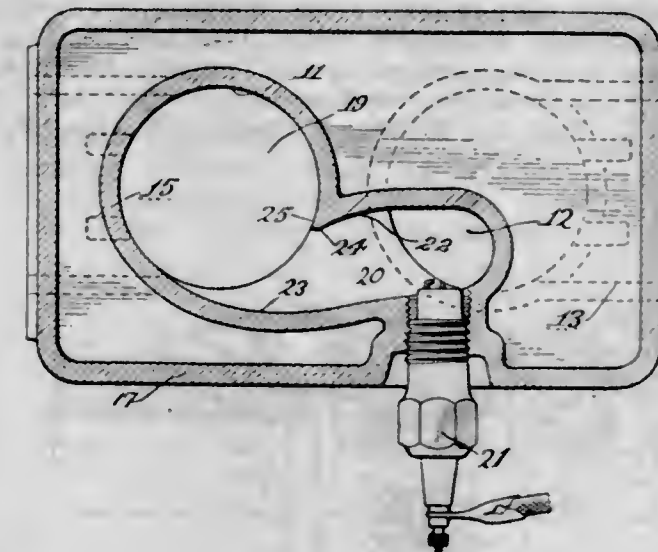


1. An internal combustion engine having a pair of combustion chambers, one of which is provided with a gaseous fuel inlet port, the other chamber having an exhaust port, the head ends of which combustion chambers are connected by a common clearance space, that comprises a relatively narrow lower intermediate chamber, a substantially spherical upper chamber that is disposed immediately above the narrow lower chamber, a throat leading from one end of the narrow lower chamber downwardly to one of the combustion chambers and a throat leading from the opposite end of the narrow lower chamber and from the corresponding side of the spherical upper chamber downwardly to the other one of the two combustion chambers, and an ignition device projecting into said clearance space adjacent to the point where the same communicates with the combustion chamber having the gaseous fuel inlet port.

1,645,796. INTERNAL-COMBUSTION ENGINE. EVERETT R. BURNETT, Los Angeles, Calif., assignor, by direct and mesne assignments, to The Automotive Valves Co., Los Angeles, Calif., a Voluntary Trust. Filed Oct. 8, 1924. Serial No. 742,407. 8 Claims. (Cl. 123-53.)

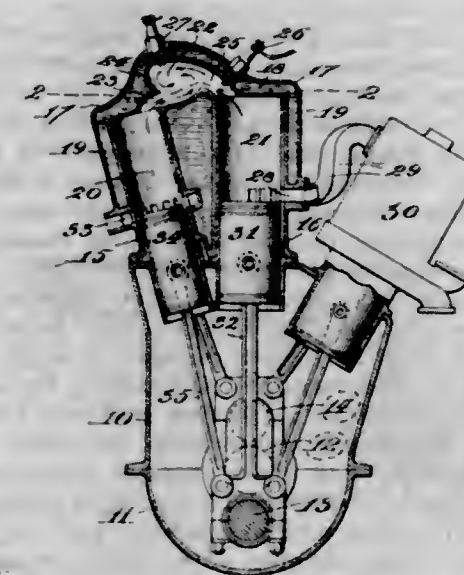
1. An internal combustion engine having a pair of combustion cylinder chambers arranged side by side with their axes parallel, a head closing said chambers, said head having a turbulence chamber that is substantially

coincident with and which constitutes an extension of one of the combustion chambers in the engine, and a duct formed in said head and connecting the side of the



chamber therein with the side portion of the other combustion chamber which duct is disposed wholly to one side of the vertical plane occupied by the axes of the two combustion chambers.

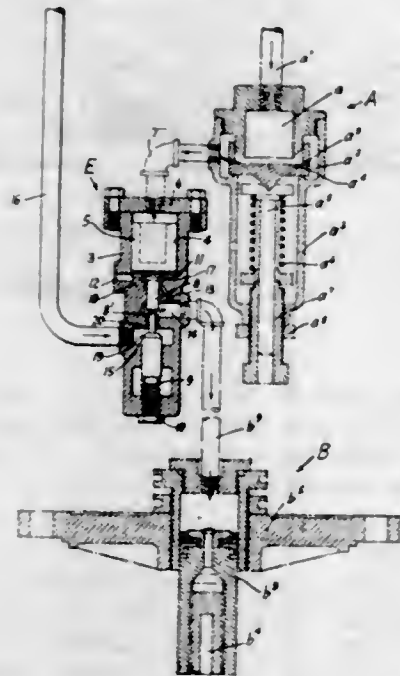
1,645,797. INTERNAL-COMBUSTION ENGINE. EVERETT R. BURNETT, Los Angeles, Calif., assignor, by direct and mesne assignments, to The Automotive Valves Co., Los Angeles, Calif., a Voluntary Trust. Filed Nov. 3, 1924. Serial No. 747,442. 2 Claims. (Cl. 123-53.)



2. In a two stroke cycle internal combustion engine, a pair of combustion cylinders, one arranged directly in front of the other in the direction of crank rotation of said engine, one of said cylinders having a gaseous fuel inlet port, the other cylinder having an exhaust port, a head closing the chambers within said cylinders, a substantially oval-shaped chamber formed in said head above and between the upper ends of the combustion chambers, there being an upwardly curved duct formed in said head and leading from the side of the combustion chamber in the cylinder having the gaseous fuel inlet ports to the adjacent end of the oval-shaped chamber in the head, ignition means seated in the head and projecting into said duct, there being a relatively short horizontally disposed duct formed in the underside of the head and leading from the upper end of the combustion chamber having the exhaust port to the lower central portion of said oval-

shaped chamber in the cylinder head and ignition means seated in the head and projecting into the end of the oval-shaped chamber directly above the inner end of said short duct.

1,645,798. APPARATUS FOR UNLOADING COMPRESSORS. WILLIAM H. CALLAN, Cleveland, Ohio, assignor to Chicago Pneumatic Tool Company, New York, N. Y., a Corporation of New Jersey. Filed Sept. 1, 1923. Serial No. 660,654. 1 Claim. (Cl. 131-153.)

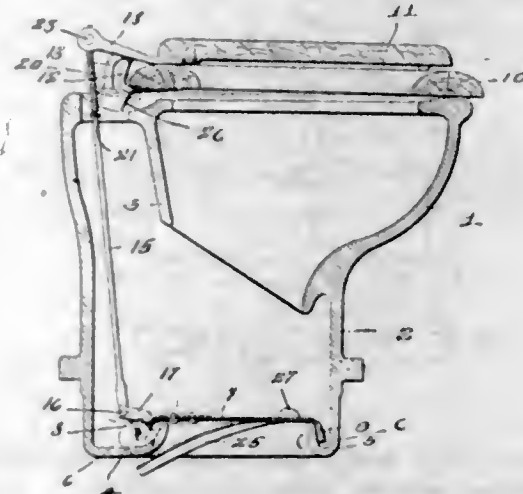


As a new article of manufacture, an auxiliary valve for use in compressor control systems and adapted to be inserted as a unit between the actuator or differential unloader valve and the unloading valves to act as a relay under control of said actuator for admitting the compressed fluid in volume and at full pressure to the unloading valves comprising a casing having a series of chambers in axial alignment, a piston in the upper chamber, a stem extending through the control chamber and cutting off communication axially between said control chamber and said upper chamber, a valve disposed in said lower chamber to control communication between the lower chamber and the control chamber, a single spring beneath said valve for normally maintaining the same in closed position and operating through said stem yieldingly to maintain said piston spaced from the lower end of said upper chamber, said upper chamber below said piston being vented to atmosphere, a restricted passage normally connecting said control chamber and the vented portion of said upper chamber, valve means on said stem adjacent said piston for closing said connection when said stem is moved by said piston to force said valve off its seat, and means for connecting the upper chamber above said piston to the actuator valve of the compressor control system, for connecting the control chamber to the unloading valves and for connecting the lower chamber to receive pressure.

1,645,799. SANITARY TOILET BOWL. CHARLES L. CARPENTER and WILLARD E. JAQUITH, Syracuse, N. Y. Filed Jan. 30, 1925. Serial No. 5,751. 1 Claim. (Cl. 4-82.)

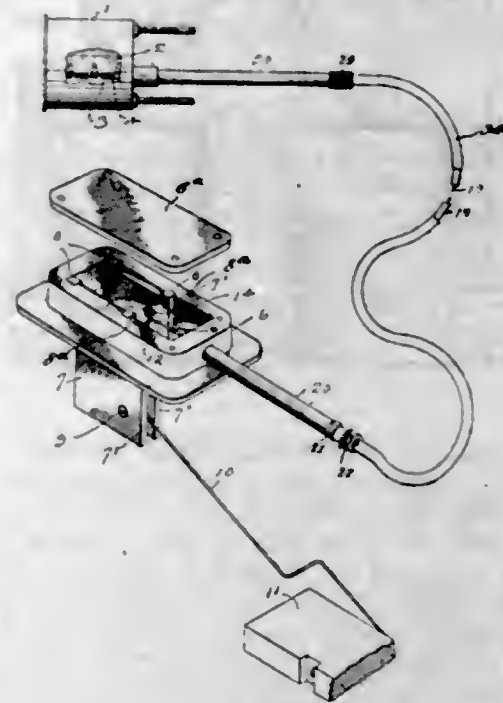
A sanitary toilet bowl comprising a bowl having a passage therethrough, the bowl being formed with an inwardly and upwardly extending flange at its lower end comprising an outlet and forming a channel for receiving a liquid seal around the outlet, a normally closed upwardly opening closure for the outlet located within the

bowl and arranged to cover the inner edge of the channel around the passage of the bowl, the closure being pivoted at the rear side of the passage and being formed with



a deflector on its lower face arranged when the closure is opened, to deflect matter away from the channel and through the outlet.

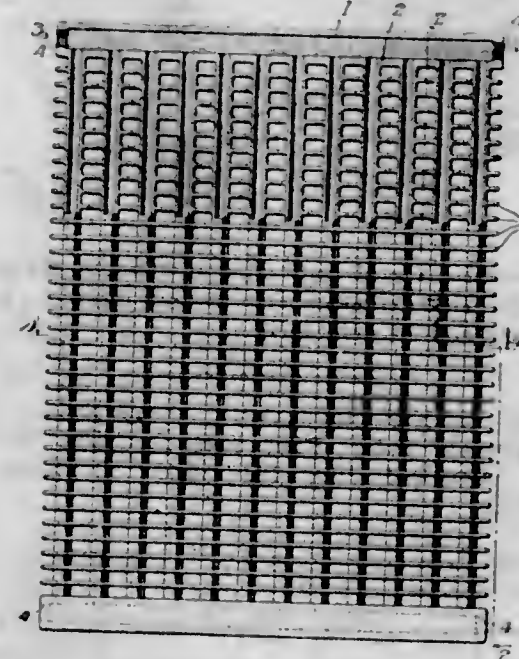
1,645,800. LIQUID-LEVEL GAUGE. CLIFFORD M. COLE, Los Angeles, and WILLIAM S. ADAMS, San Diego, Calif., assignors to The Grolan Manufacturing Company, Dayton, Ohio, a Corporation of Delaware. Filed Mar. 20, 1923. Serial No. 626,250. 4 Claims. (Cl. 73-82.)



1. In a liquid level gage, the combination of a float and an intermediate flexible control member with an indicator controlled by the longitudinal movement of the intermediate flexible control member under the influence of the float, characterized by a flanged head plate or collar adapted for mounting on a tank adapted to contain liquid with the level of which the float responds, said flexible control member consisting of a transmission wire connected to the indicator, a flexible covering for the transmission wire, a tubular extension operatively connected to the flanged head plate and in turn to the flexible covering, said flexible covering having an interior portion passing into one end of the tubular extension, a tubular guide sleeve extending into the other end of the tubular extension and operatively connected to the interior portion of the covering, a rod passing into one end of the tubular sleeve and operatively connected to the transmission wire, said flanged head plate having depending

spaced walls, an angular member fulcrumed between the depending walls and carrying said float on one end, the other end of the angular member having operative connections with said rod.

1,645,801. HEAT INTERCHANGER. WALTER B. CROAN, Chicago, Ill. Filed Apr. 21, 1924. Serial No. 707,971. 2 Claims. (Cl. 257-150.)



1. A steam radiator comprising a pair of separate spaced headers, a plurality of independent imperforate tubes of elongate cross section arranged with the major axes of the elongate sections extending from front to back of the radiator, said tubes being connected at their ends to said headers so as to provide communication between said headers, and a plurality of solid radiating fins integral with and disposed transversely to said tubes.

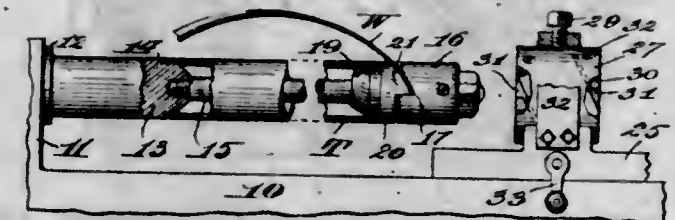
1,645,802. DEEP-WELL PUMP-PLUNGER ATTACHMENT. LEWIS F. DAVIS, Santa Ana, Calif. Filed June 9, 1925. Serial No. 35,918. 3 Claims. (Cl. 287-125.)



1. In a coupling of the class described, a coupling member provided with a central bore, an axially disposed threaded stud projecting from said coupling member beyond said bore, slots formed in said member at the sides

of said bore, a spring pressed U-shaped pawl occupying said bore and slots, the ends of the legs of which pawl project beyond the body of the coupling member to the sides of said threaded stud, an internally threaded member adapted to receive said threaded stud and the end of said threaded member being provided with notches that are adapted to receive the ends of the legs of said U-shaped pawl.

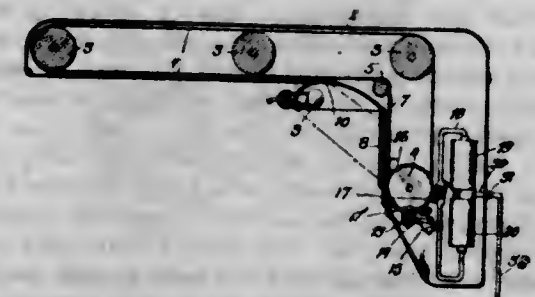
1,645,803. METHOD AND APPARATUS FOR SPIRALLY WINDING WIRE ON TUBES. LEWIS F. DAVIS, Los Angeles, Calif. Filed Feb. 11, 1926. Serial No. 87,492. 9 Claims. (Cl. 153-66.)



1. The herein described method, of spirally winding wire upon tubes, which consists in simultaneously rotating a tube and wire and causing the same to pass lengthwise through a non-rotating die that is provided with a spirally disposed slot that receives and bends said wire as the same and the tube pass through said die.

4. In an apparatus for spirally winding wire upon tubes, means for supporting and simultaneously rotating a tube and wire and means movable toward said supporting means and through which said tube and wire are adapted to pass for winding the wire spirally upon the surface of said tube.

1,645,804. TAXI ADVERTISING DEVICE. EMMANUEL DORROWSKY, New York, N. Y., assignor, by direct and mesne assignments, to Motor Car Advertising Device Co., Inc., New York, N. Y., a Corporation of New York. Filed July 6, 1925. Serial No. 41,819. Renewed Jan. 13, 1927. 1 Claim. (Cl. 40-37.)

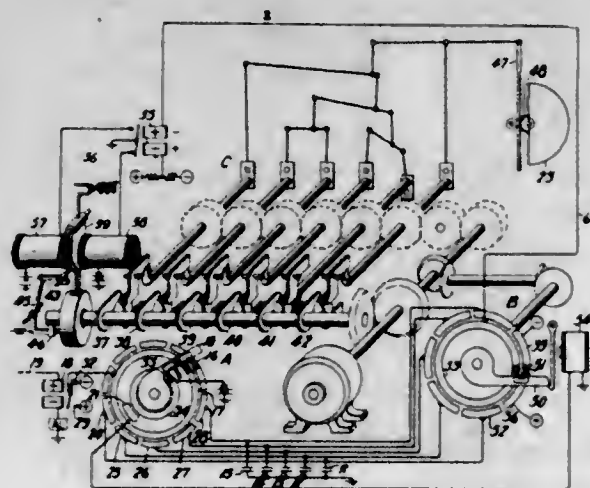


An advertising device adapted to be located in the body of a closed motor vehicle, and comprising a casing having a window therein, a reflector adjacent the window, an electric light in the reflector, an endless display device in the casing, a roller transmitting motion to the endless device, and a suction operated engine controlling the movement of said roller and endless device.

1,645,805. PRINTING TELEGRAPHY. ANDREW D. DOWD, Hoboken, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Sept. 23, 1922. Serial No. 589,975. 1 Claim. (Cl. 178-33.)

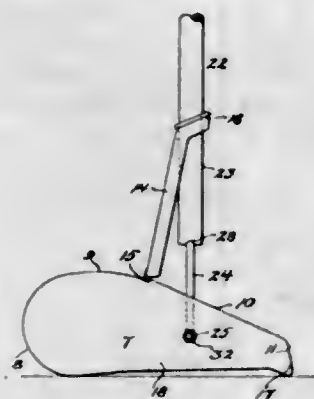
In combination, a line, a multiplex distributor connected to said line, a plurality of condensers associated with said distributor and arranged to be charged in accordance with predetermined combinations of impulses distributed thereto by said distributor from said line, a printing type

wheel, a system of levers arranged to rotate said wheel in both directions to desired positions, a series of rotatable shafts for actuating said levers, an electromagnet for re-



leasing said shafts in predetermined combinations, and a start-stop distributor for successively connecting said condensers to said electromagnet.

1,645,806. DUST PAN. WILLIAM P. FRIES, Cynwyd, Pa. Filed June 13, 1925. Serial No. 36,892. 6 Claims. (Cl. 65-20.)

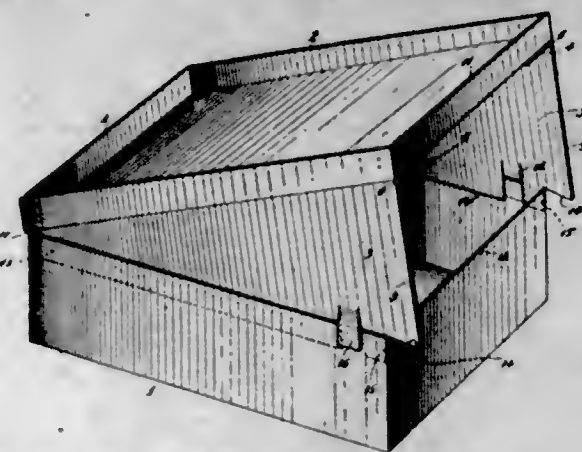


1. A dust pan including a case; a cover; a movable connection between the case and cover said cover having a hole therethrough providing a wall, the wall of said hole being fixed relatively to the face surfaces of said cover; and a handle pivotally connected to said case off its center of gravity and having a portion extending through said hole in the cover, said hole being relatively spaced at such distance from the movable connection between the case and cover and from the pivotal connection between the handle and case as to allow said handle portion by sliding contact with one part of the wall of said hole to effect opening movement of the cover when the case is lowered, through the medium of the handle, into contact with the floor and then rocked or tilted upon the floor, said handle portion being operative by sliding contact with another part of the wall of said hole to effect closing movement of said cover when the case is lifted through the medium of said handle.

1,645,807. BOX. GEORGE W. GRANT, Everett, Mass., assignor to Lovell & Covel Co., Boston, Mass., a Corporation of Massachusetts. Filed Apr. 12, 1923. Serial No. 631,694. 3 Claims. (Cl. 206-44.)

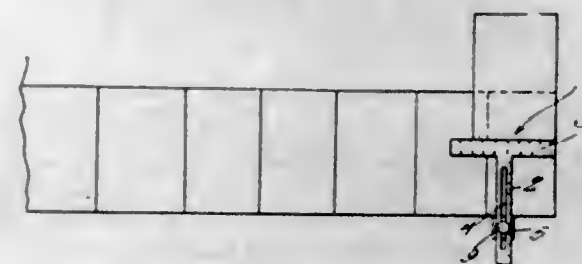
1. A box having a body and associated therewith a convertible display member with foldable wings attached thereto along the sides thereof and removed from the fore end of said member whereby said member may be disposed at the fore end thereof beyond said wings to rest upon the top edge of the fore end of said body with extension in an inclined direction upwardly over said

body leaving an opening at the back with entrance therethrough into the interior of said body and with the wings unfolded then extending downwardly to co-operate



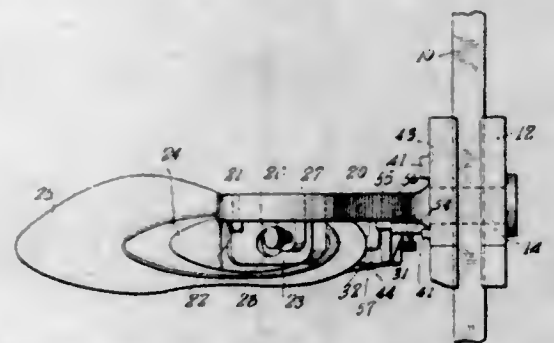
with the sides of said body substantially in continuation thereof and with extension also to bear upon the top edge to the rear end of said body.

1,645,808. SHINGLING GAUGE. FRED FRANK GREGEL, Fort Lupton, Colo. Filed Feb. 11, 1925. Serial No. 8,429. Renewed July 19, 1927. 2 Claims. (Cl. 33-188.)



1. A shingling gauge comprising a substantially T-shaped member, a foot member slidably adjustable along the leg portion of said T-shaped member and adapted to engage the bottom edge of a lower row of shingles, the shingles forming the adjacent overlapping row having their bottom edges adapted to be placed against the upper edge of the arm of said T-shaped member.

1,645,809. SHOE-HEEL-ATTACHING APPARATUS. SABINO GUBITOSI, Brooklyn, N. Y. Filed Jan. 27, 1927. Serial No. 163,940. 9 Claims. (Cl. 12-125.)

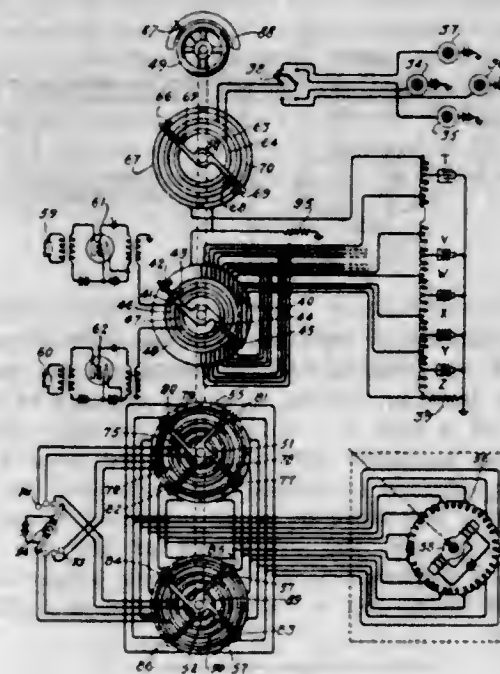


1. A shoe heel clamp comprising a support rail, an encompassing slide movable on said rail, a frame pivoted in said slide, and means on said frame to clamp a shoe heel to a shoe.

1,645,810. DIRECTION FINDING AND INDICATING SYSTEM. FRANCIS A. HUBBARD, West Englewood, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Jan. 8, 1921. Serial No. 435,836. 10 Claims. (Cl. 177-386.)

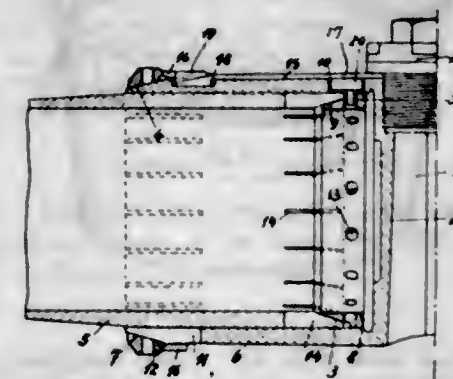
2. In an arrangement for measuring the angular bearing of a source of wave energy, a transmission path for said wave energy, means for evaluating a function of

the angle in length of transmission path and means for translating said lengths into an indication of the angle, including a translating switch and an indicator



electrically controlled therefrom, said switch including terminals operable in steps varying in length in accordance with said function of said angle.

1,645,811. PROPELLER. HUGO JUNKERS, Dessau, Germany. Filed July 1, 1925. Serial No. 40,780, and in Germany July 17, 1924. 4 Claims. (Cl. 170-173.)



1. Propeller comprising a hub, a blade mounted on this hub the contiguous ends of said parts being formed with a conical surface and yielding under pressure and conical means displaceable by screwing relatively to said parts for pressing them together by the said conical ends.

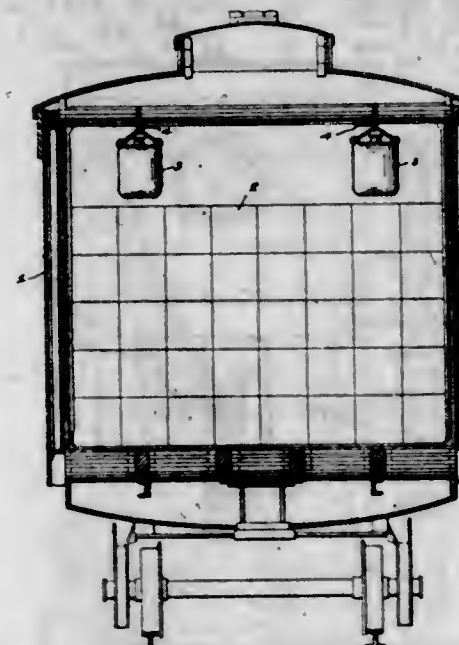
1,645,812. PROCESS FOR THE MANUFACTURE OF SPLIT-BAMBOO FISHING RODS. LEAVITT J. LANE, Hamden, Conn., assignor to Winchester Repeating Arms Co., New Haven, Conn., a Corporation. Filed Sept. 24, 1925. Serial No. 58,385. 1 Claim. (Cl. 144-309.)



A process for manufacturing fishing-rods from bamboo or similar material, comprising the following steps: Subjecting the material to the prolonged action of water and heat under pressure; then cooling and drying it;

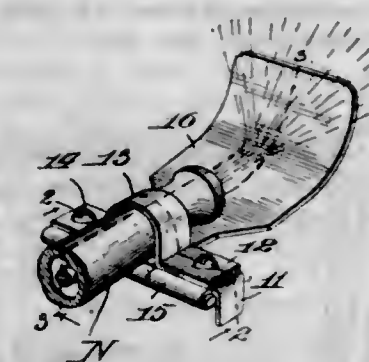
then forming it into suitable rod-sectors; and then assembling and gluing such rod-sectors, whereby the material is hardened, increased in elasticity, stiffness and porosity, and enriched in color.

1,645,813. METHOD FOR SHIPPING OF FOOD, ESPECIALLY EGGS. JOHN LAWLER, San Francisco, Calif. Filed May 26, 1926. Serial No. 111,812. 3 Claims. (Cl. 99-11.)



1. In the commercial shipment of eggs, the control of humidity conditions through humidifying units applied to the air space over the eggs in shipment.

1,645,814. SPRAY ATTACHMENT FOR HOSE NOZZLES. RALPH MILLER, Los Angeles, Calif., assignor to Harold H. Gunnell. Filed Oct. 22, 1925. Serial No. 64,132. 2 Claims. (Cl. 299-74.)

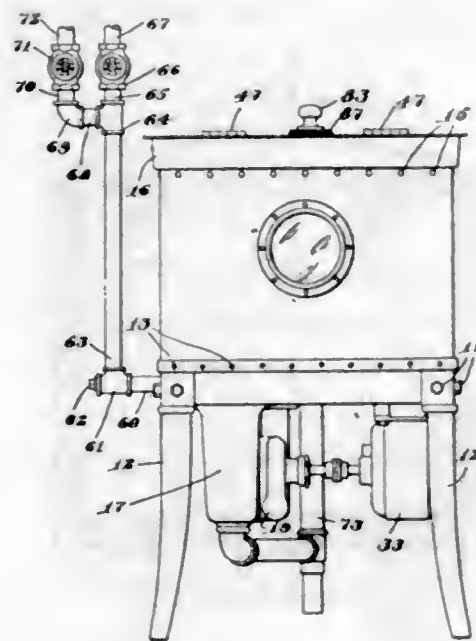


1. The combination with a hose nozzle, of a two part clamp detachably applied to said nozzle, the end portions of the lower member of said two part clamp being bent downwardly to form short supporting legs for the nozzle when the same is placed on the ground, a curved deflector plate hinged to the rear edge of the lower member of said two part clamp and adapted to swing from a spraying to a nonspraying position and vice versa and a latch plate pivotally mounted on the underside of the two-part clamp adjacent to one end thereof and adapted to be swung into position beneath the rear portion of the curved deflector plate to lock the same in spraying position.

1,645,815. COMBINED SINK AND DISHWASHING MACHINE. CHARLES A. MUNDOCH, New York, N. Y. Replied for abandoned application Serial No. 596,328, filed Oct. 23, 1922. This application filed May 21, 1925. Serial No. 31,970. 2 Claims. (Cl. 141-9.)

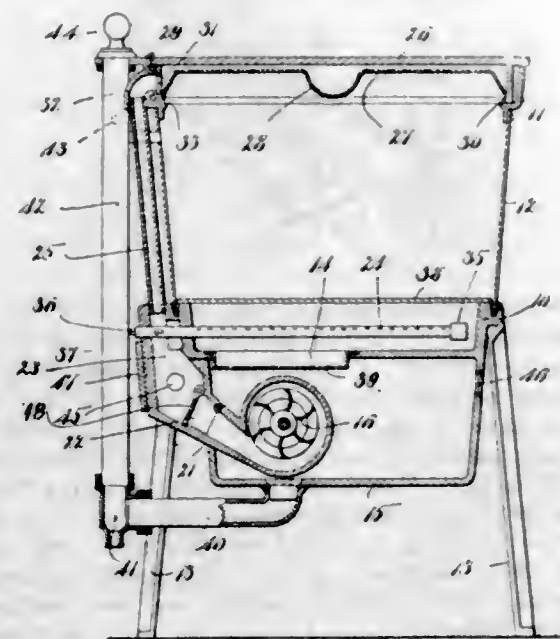
1. In a washing machine, a wash chamber, means for circulating a washing liquid therethrough under pressure, a drain pipe leading from the bottom of said chamber, a

drain pipe leading from the top of said chamber, a drain pipe leading from said chamber intermediate its top and bottom, a discharge pipe having common connection with all of said drain pipes, a valve movable longitudinally in said discharge pipe for a control common to all of said drain pipes, a hollow stem on said valve and open



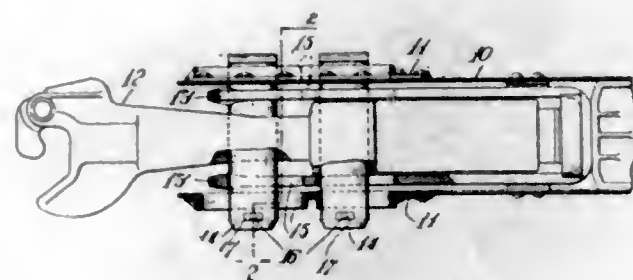
through the body thereof, said stem having apertures in alignment with the top and intermediate drain pipes, and a sleeve movable over said stem, said sleeve having apertures therein for selective registry with said stem apertures for drainage through said stem when said valve is closed.

1,645,816. HOUSEHOLD WASHING MACHINE. CHARLES A. MURDOCH, New York, N. Y. Replied for abandoned application Serial No. 508,496, filed Oct. 18, 1921. This application filed May 21, 1925. Serial No. 31,971. 4 Claims. (Cl. 141-9.)



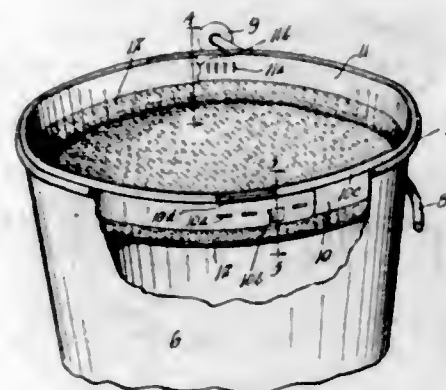
1. In a dish washing machine, the combination of a tank comprising a bottom with a pocket and a ring at the upper edge of said tank, a lid hinged to the ring and having a depending flange provided with an aperture, a pump in the pocket, a coupling on the ring and comprising a nipple adapted to enter the aperture in said flange when the lid is closed, and a pipe connecting the pump and the coupling.

1,645,817. DRAFT-GEAR KEY-RETAINING MEANS. KARL F. NYSTROM, Chicago, Ill. Filed July 27, 1925. Serial No. 46,234. 10 Claims. (Cl. 85-5.)



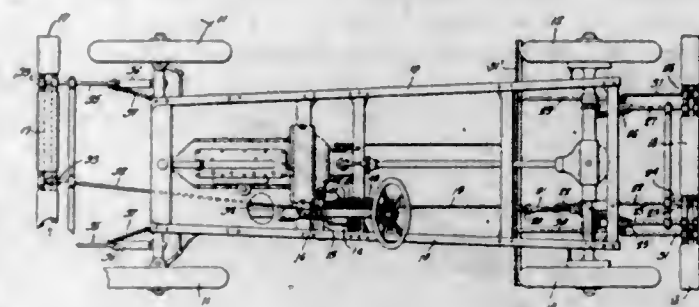
1. In combination, a draft key provided with a circular opening near one end thereof, a retaining pin inserted through said opening, having a shank circular in cross-section and of a size to substantially fill said opening, said pin being provided with an elongated head having rounded ends, adapted to extend transversely of the draft key and having flat surfaces to be presented toward the draft sills of a car, the lower end of the pin being apertured in a direction parallel with the longer dimensions of said head, and a cotter pin disposed through said aperture.

1,645,818. STRAINER AND COVER FOR PAILS. ELBERT C. OVERBOE, Wanamingo, and MELVIN I. GRESETH, Zumbrota, Minn. Filed July 10, 1926. Serial No. 121,640. 3 Claims. (Cl. 210-159.)



1. A strainer and cover for a pail comprising circumferentially adjustable outer and inner bands and a flexible sheet member clamped between said bands, each of said bands having a plurality of apertures adjacent one end and variably spaced therefrom and a tongue adjacent its other end adapted to be secured in any of said apertures.

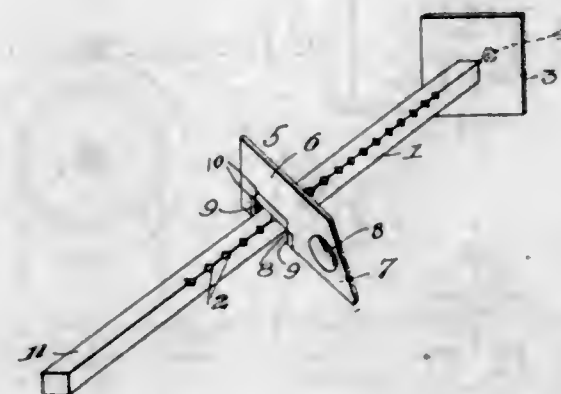
1,645,819. SAFETY APPARATUS. GARTANO PAGANO, Brooklyn, N. Y. Filed June 28, 1926. Serial No. 119,180. 4 Claims. (Cl. 293-2.)



2. In combination with a motor vehicle having a brake pedal, a front fender for movement to a position in advance of the front wheels of the vehicle, a rear fender

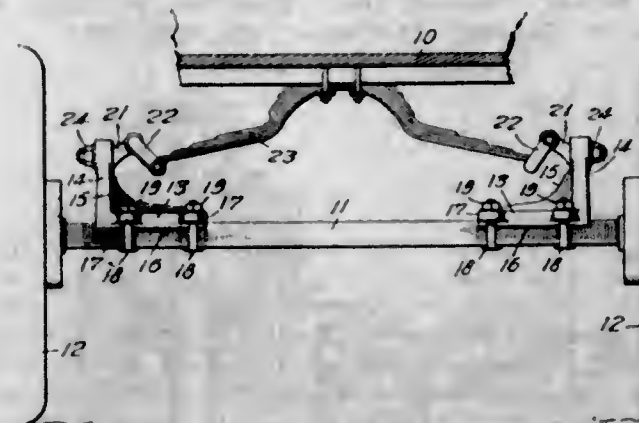
for movement to a position behind the rear wheels of said vehicle, a rear fender for movement in advance of the rear wheels of said vehicle, means for normally holding all of said fenders in a raised inoperative position, separate actuating means respectively connected with said pedal and said front fender and said first rear fender whereby depression of said pedal will cause simultaneous movement of said fenders to an operative position, and means responsive to the action of one of said actuating means for moving the other of the rear fenders to an operative position.

1,645,820. WHIRLIGIG TOY. WILLIS BARTON REYNOLDS and THOMAS MARTIN BARBER, Louisville, Ky. Filed Sept. 11, 1926. Serial No. 134,856. 4 Claims. (Cl. 46-14.)



1. In a device of the class described, the combination with a notched handle, a spinning device on one end of said handle, of a rubbing device provided with a notch having rounded flanged edges, and said rubbing device provided with an end to be gripped by an operator.

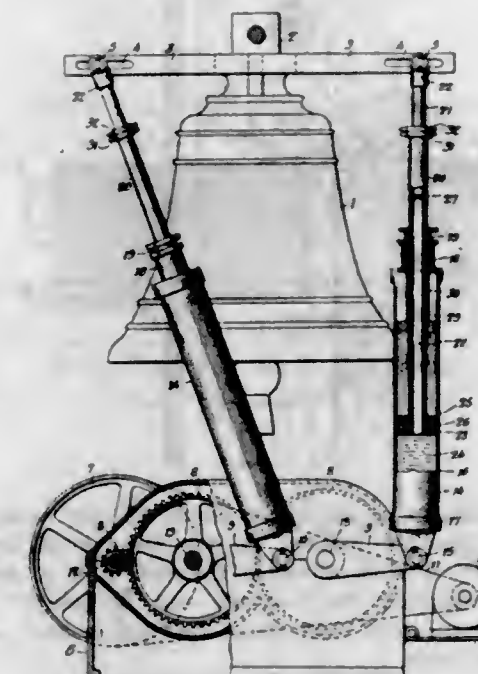
1,645,821. SPRING HANGER. WILLIAM THOMAS SANDIFER, Jackson, Miss. Filed June 29, 1925. Serial No. 40,472. 1 Claim. (Cl. 267-54.)



The combination with a rigid stationary vehicle axle of square cross section, of a spring hanger support comprising an L-shaped casting having a long arm and a short arm, an integral reinforcing web disposed in the angle between said arms, depending side flanges formed integral with each side edge of said long arm for engagement of said long arm over the top of the vehicle axle with the side flanges disposed against opposite sides of the axle, apertured ears extending laterally from opposite sides of the body portion of said long arm, U-bolts adapted to be passed beneath the axle and through said

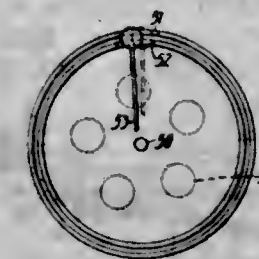
ears for clamping said long arm to the axle, and a conventional spring perch detachably secured through the upper end of said short arm and extending in parallel relation over and to said long arm and axle.

1,645,822. BELL-RING MACHINERY. GEORG HEINRICH SCHIEFERSTEIN, Berlin-Charlottenburg, Germany. Filed Feb. 17, 1926, Serial No. 88,942, and in Germany Feb. 26, 1925. 5 Claims. (Cl. 116-25.)



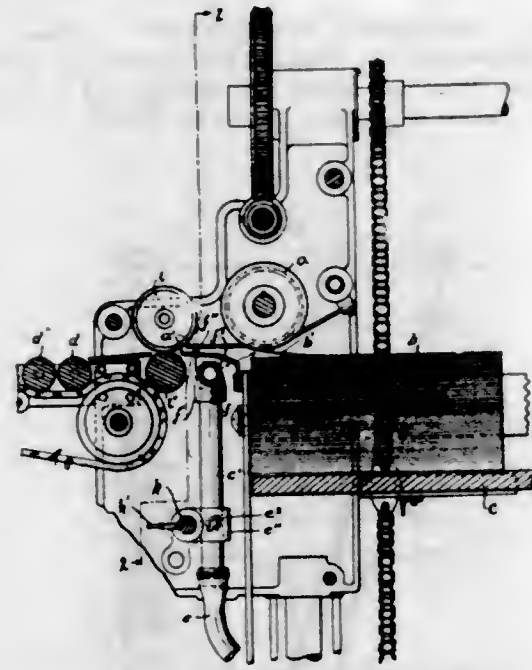
3. The combination with an oscillating bell and a sweep therefor; of mechanism operating substantially in tune with the natural oscillation frequency of the bell, and a device between said mechanism and the sweep to vary the power between said mechanism and sweep when the oscillations of the bell deviate from their natural period, comprising a liquid containing cylinder, a piston therein, a hollow piston rod therefor, ports and valves controlling the passage of liquid to opposite sides of the piston, said cylinder containing a body of air above the liquid therein and said hollow piston rod containing a body of air, whereby the liquid above the piston is virtually acted upon both above and below by the pressure of said air bodies.

1,645,823. SOUND-PRODUCING DEVICE. OSCAR A. SHANN, Brooklyn, and FRANK A. KUNTZ, Woodhaven, N. Y., assignors to Bell Telephone Laboratories Incorporated, New York, N. Y., a Corporation of New York. Filed Aug. 20, 1925. Serial No. 51,290. 4 Claims. (Cl. 116-149.)



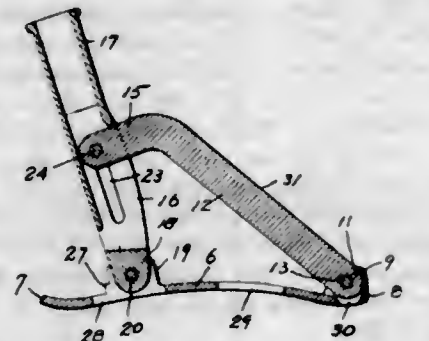
2. A sound producing device comprising resonating means and a clapper to strike said means, said clapper being arranged to move in a recess cut out of the edge of said means in a plane practically coincident with the plane of the edge of said means and in a line practically coincident with the edge of said means.

1,645,824. SHEET-FEEDING MECHANISM. JOHN H. SHIPLEY, Cleveland, Ohio, assignor to The Cleveland Folding Machine Company, Cleveland, Ohio, a Corporation of Ohio. Filed Apr. 11, 1925. Serial No. 22,316. 3 Claims. (Cl. 271-28.)



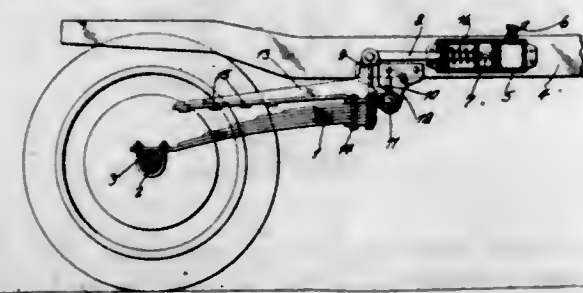
1. In apparatus of the class described, the combination with sheet feeding means, of an associated air blast member positioned in advance thereof, and a mounting therefor, permitting its vertical and horizontal adjustment with respect to said sheet feeding means, substantially as set forth.

1,645,825. TRACK LINER. FRANK R. SINNING, Ramsey, Ill. Filed Jan. 11, 1926. Serial No. 80,437. 3 Claims. (Cl. 254-44.)



1. A track liner comprising a wavy smooth base, the ends of which are upturned, said base provided with an opening intermediate its ends and sides into which a portion of the surface on which said base rests can pass, in combination with a compound lever mechanism carried by the upper face of said base, and means for operating said lever mechanism.

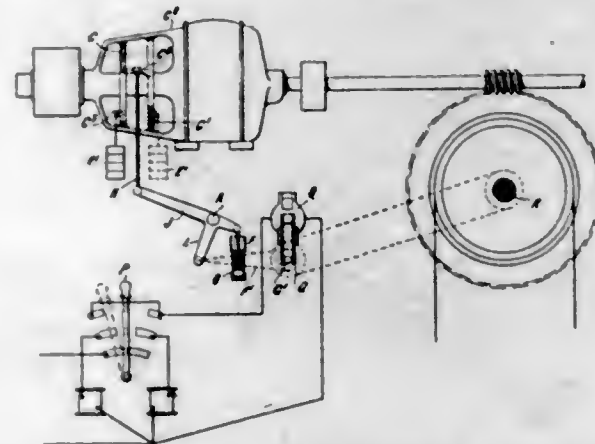
1,645,826. PNEUMATIC CHASSIS SUPPORT. HARRY B. STANSBURY, St. Louis, Mo. Filed Sept. 12, 1925. Serial No. 55,986. 4 Claims. (Cl. 267-31.)



1. A chassis support comprising springs attached to and extending approximately at right angles forwardly from the axle housing, a pair of levers pivotally con-

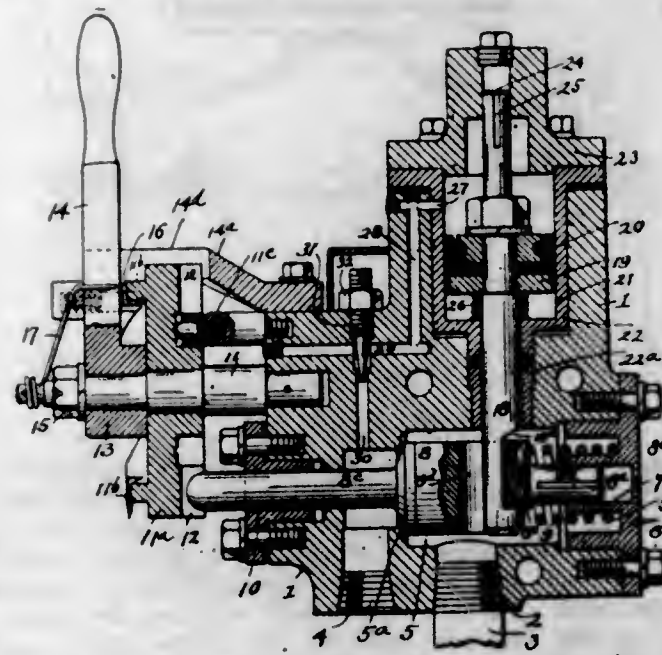
nected to the chassis in front of the front ends of said springs and arranged to contact with said springs in certain operations of the vehicle, means connecting the springs and the levers respectively adjacent to the pivotal connections of said levers with the chassis, an arm extending upwardly from each lever above the front end of the corresponding spring, a horizontal cylinder attached to each side of the chassis, a piston horizontally operative in each cylinder, and a connecting rod from each piston to the corresponding lever arm.

1,645,827. CONTROL OF POLYPHASE ELECTROMOTORS. PERCY HERRERT STEVENS, Northampton, England, assignor to Smith, Major & Stevens Limited, Abbey Works, Northampton, England. Filed Aug. 3, 1925. Serial No. 47,887, and in Great Britain Aug. 15, 1924. 8 Claims. (Cl. 172-152.)



1. In association with a lift having a rotary part and operated by a polyphase motor having a commutator and commutator brushes the combination of a clutch having a driving and a driven part, means for advancing the commutator brushes adapted to be operated by the driven part of the clutch, means for maintaining a permanent rotary connection between the driving part of the clutch and the rotary part of the lift mechanism, electric means for operating the clutch, means for completing and breaking the electric circuit operating the clutch and means for returning the brushes to the initial position when the circuit is broken.

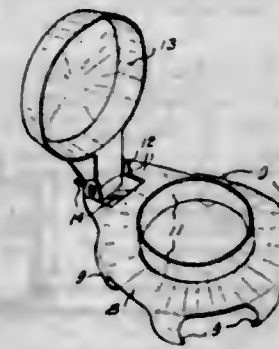
1,645,828. AUTOMATIC VALVE MECHANISM. JOHN T. STONEY, Cleveland, Ohio. Filed Nov. 24, 1924. Serial No. 751,883. 12 Claims. (Cl. 137-139.)



10. A valve mechanism for opening and closing a passage for fluid under pressure comprising a movable valve which is biased toward its closed position, means for

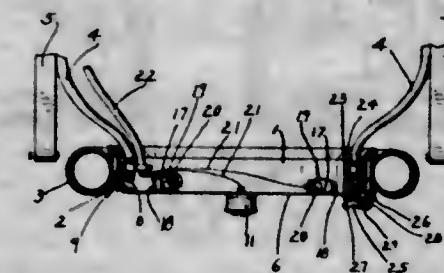
opening the valve, a movable latch engaging the valve, said latch and valve having interengaging parts coacting to hold the latch against movement when the valve is closed and the valve against movement when the same is open, said latch being biased toward its valve holding position, a pressure chamber, a member connected to the latch which is subjected to the pressure in said chamber and is adapted to be moved thereby to shift the latch to valve releasing position, and means for admitting pressure to said chamber when the valve is opened and for exhausting pressure from said chamber upon the closing of said valve.

1,645,829. BOTTLE-CONTAINER CLOSURE. HOMER A. SUND, Everett, Wash. Filed June 7, 1926. Serial No. 114,073. 3 Claims. (Cl. 215-63.)



1. A bottle container closure having a top member provided with means to releasably secure the said member to the top of the container whereby it can be applied repeatedly, said member having a vertically directed flange disposed about the edge of an axially disposed opening in said member; and a cover hingedly mounted on said member and operatively disposed to rest thereon and in spaced relation to said vertically directed flange while completely covering said flange.

1,645,830. COMBINATION TIRE CARRIER AND SIGNALING MEANS. JOHN S. SUTHERLAND, Oakwood, Ohio. Filed Oct. 10, 1923. Serial No. 667,775. 4 Claims. (Cl. 40-129.)

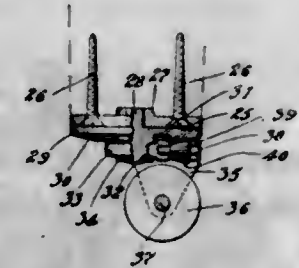


4. The combination with a tire carrier frame, of a sign-displaying panel within said frame and over which the tire may be slipped for support by said frame, a hinge attached to one side of the frame for hingedly securing the panel therein, and a locking member securable over the panel at the opposite side of the frame and formed with an outer angular end to engage over the tire rim for the purpose specified.

1,645,831. CASTER. ANTON HENRY TIEDEMANN, Weehawken, N. J. Filed June 19, 1926. Serial No. 117,015. 1 Claim. (Cl. 16-23.)

A caster comprising a plain flat disc having a hub on one side and provided with securing means, a second disc having a stem screw threaded into the hub of the first named disc to become solidly united therewith, a downwardly extending stepped stem to act as a bearing, a lower peripheral bevelled face and an annular recess interjacent thereto on said second disc, a bracket member rotatably mounted on the downwardly extending

stem, means to confine the bracket thereon, a pair of downwardly extending lugs on said bracket, a caster roll journaled between said lugs, a raised element on said bracket engaging the mentioned annular recess,



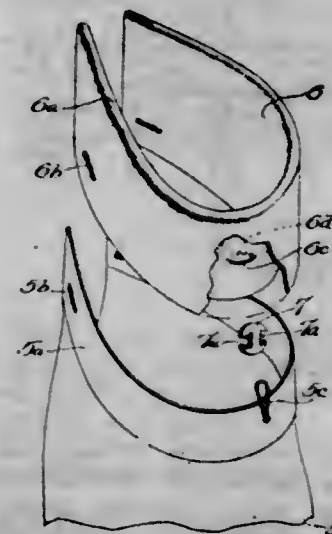
and a conical roll journaled in an opening in said bracket to impinge on the bevelled face of said second disc, all of said elements being disposed below and within the radius of the first named disc.

1,645,832. SHEET-METAL ARTICLE. EWALD F. TOLBOLD, Cleveland, Ohio, assignor to The Dill Manufacturing Company, Cleveland, Ohio, a Corporation of Ohio. Filed July 11, 1922. Serial No. 574,330. 2 Claims. (Cl. 152-12.)



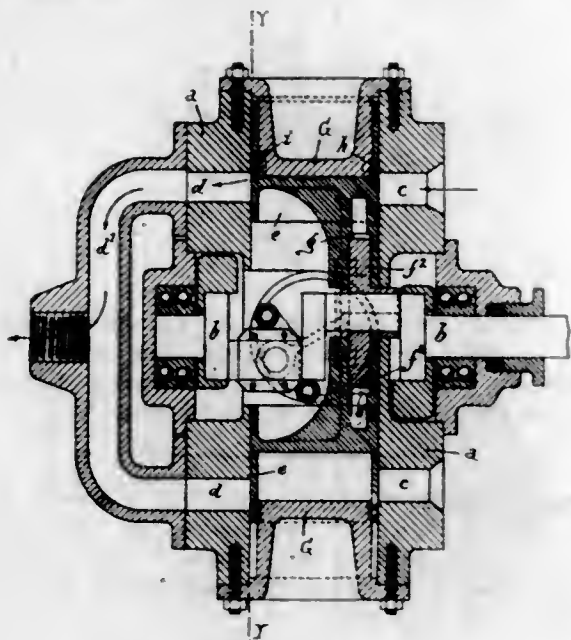
1. As an article of manufacture, a tubular shell having at one end a tubular extension and a reentrant tubular member within said tubular extension which reentrant tubular member is closed at its end, the walls of said tubular extension and tubular reentrant member being in contact and having a transverse slot formed therein.

1,645,833. DETACHABLE CUFF. WILLIAM D. TORME, Chicago, Ill., assignor to Anna E. Hirsch, Chicago, Ill. Filed Apr. 16, 1924. Serial No. 706,957. 3 Claims. (Cl. 2-124.)



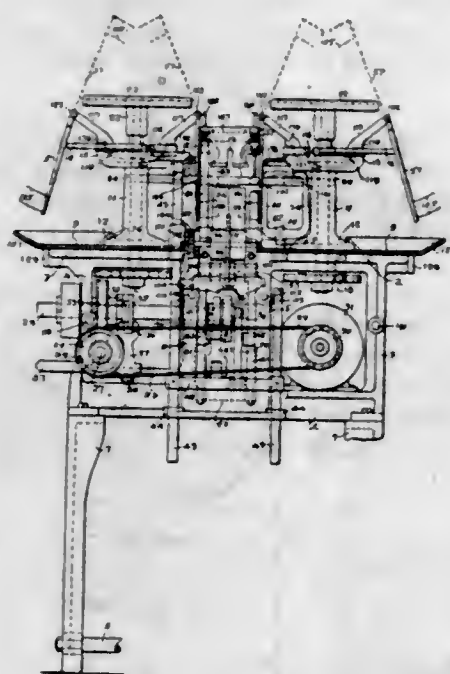
1. The combination with a sleeve having a cuff attaching loop on its forward edge, of a reversible cuff, and means on said cuff for detachable connection with said loop, whereby the cuff can be turned by twisting the loop while in service.

1,645,834. VALVELESS PUMP. PAUL VORREUX, Paris, France, assignor to Etablissements Saing et Bavox Remis, Paris, France. Filed Mar. 11, 1924. Serial No. 698,479. and in France July 13, 1923. 1 Claim. (Cl. 103-157.)



In a pump, a casing having two opposite cylinders and pistons, a crank shaft mounted in the casing, means forming a sole connection between the crank of said shaft and eccentrically with the opposed ends of the pistons, each of said means having sliding movement longitudinally of the crank, and said casing and pistons having co-operating ports.

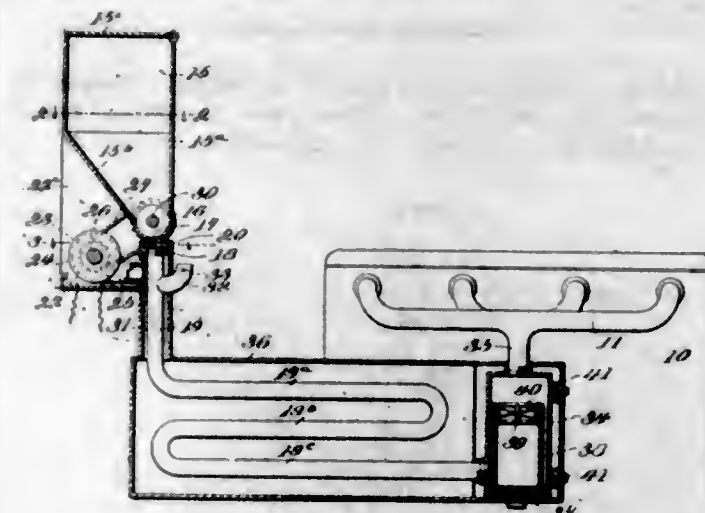
1,645,835. AUTOMATIC ICE-CREAM CUTTING AND COATING MACHINE. WILLIAM E. URSCHER, Valparaiso, Ind., assignor to Eskimo Pie Corporation, Louisville, Ky., a Corporation of Delaware. Filed Sept. 12, 1924. Serial No. 737,335. 8 Claims. (Cl. 91-14.)



1. An automatic ice cream cutting and dipping machine, comprising means for intermittently moving a block of ice cream into a severing position, a severing knife, means for actuating the severing knife across the block of ice cream so as to separate a slab of ice cream from said block, a dividing knife adapted to divide the slab of ice cream into two parts, a plurality of carriers placed in operative relation on each side of the block of ice cream, means for transferring the divided portions of ice cream separately to a pair of carriers, a dipping pan for liquid coating material, means for lowering the

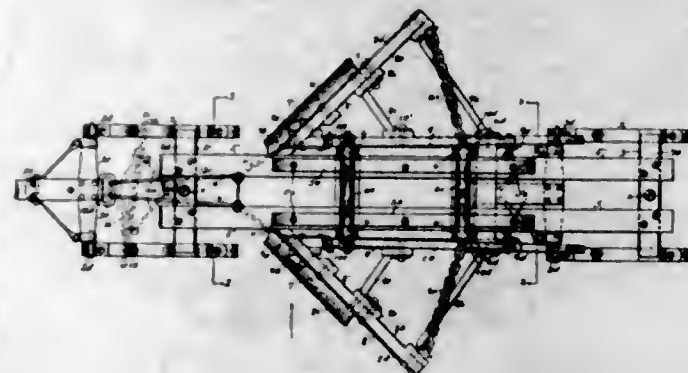
divided portions of ice cream into said dipping pan, means for removing said portions therefrom, means for automatically carrying the coated ice cream portions to delivery positions, and means for successively removing the finished product from succeeding carriers.

1,645,836. FUEL-FEEDING SYSTEM FOR INTERNAL-COMBUSTION ENGINES. HORACE VAN DEVENTER, Knoxville, Tenn. Filed Mar. 3, 1927. Serial No. 172,360. 15 Claims. (Cl. 123-23.)



1. The method of operating an internal combustion prime mover which comprises suspending finely powdered coal in a current of air, cooling the fluid mixture, delivering the same into the combustion space of said prime mover in a homogeneous quasi-gaseous condition, and igniting the same by an electric spark.

1,645,837. SNOW PLOW. WILBUR H. WADSWORTH, Watertown, N. Y. Filed Mar. 2, 1927. Serial No. 172,068. 4 Claims. (Cl. 37-46.)

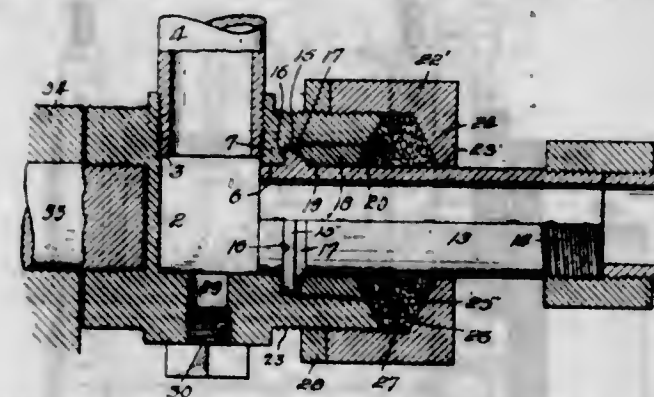


1. In a snow remover, the combination with front and rear bob sleighs and a frame pivoted at its opposite ends to the bobs, of similar plows disposed at the opposite sides of the frame between said bobs, posts arranged in pairs secured to the opposite sides of said frame against which the "land sides" of the plows bear, chains connecting the rear ends of the "land sides" to the frame, levers for raising and lowering the plows relatively to the frame said levers being pivoted to the forward pair of posts, and chains connecting the forward ends of the levers to the forward portions of the plows.

1,645,838. ROTATABLE PIPE JOINT. LEO N. WEBSTER, Brentwood, Mo. Filed Aug. 17, 1925. Serial No. 50,629. 4 Claims. (Cl. 285-167.)

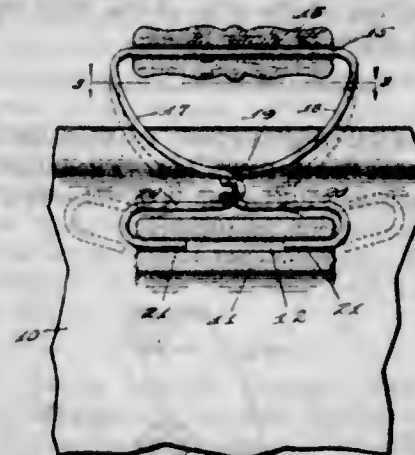
1. In a pipe coupling construction, a coupling body internally screw threaded at one end, a ground faced shoulder at the inner end of said internally screw threaded portion of the body, a bearing in advance of said shoulder, a supply pipe, a peripheral flange on said pipe having its outer face tapered, said flange having its inner face fitted for leak proof engagement with said shoulder and adapted

for connection with a pipe at its outer end, the inner end of said supply pipe extending beyond the peripheral flange and receivable in said bearing, a bearing sleeve having screw threaded engagement with the coupling body and mounted upon said supply pipe, the inner face of said sleeve being tapered and embracing the tapered face of the



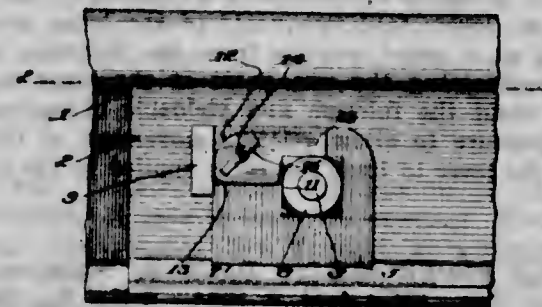
flange, a lock pin to prevent rotary displacement of the bearing sleeve, compressible packing disposed around the supply pipe and against the end of the coupling body and said bearing sleeve, a packing gland having screw threaded engagement with the peripheral face of the coupling body and a lock nut engaging the inner face of the packing gland.

1,645,839. CARRYING BAIL. GRANVILLE G. WESTERFIELD, Indianapolis, Ind. Filed July 20, 1926. Serial No. 123,723. 3 Claims. (Cl. 215-100.)



1. A carrying bail adapted to be attached to a ball-car on a receptacle to be carried, said bail being formed of a single piece of wire and comprising a handle portion and re-entrant sides, the ends of said wire being bent toward each other and adapted to enter holes in the ends of said car, one of said re-entrant sides being formed with a hook which is adapted to engage the other re-entrant side and when so engaged to prevent removal of the bail from the ball-car.

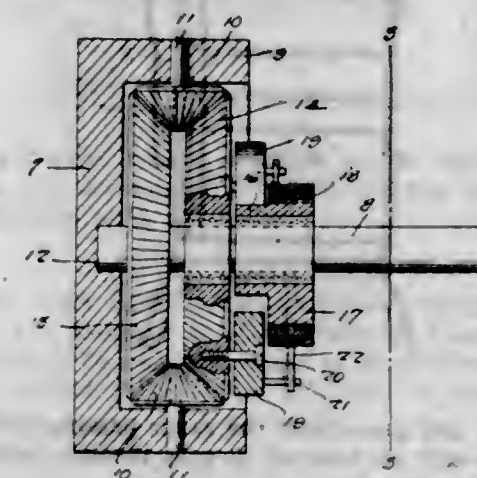
1,645,840. NUT LOCK. MARTIN C. WHITE, Alton, Ill. Filed Feb. 12, 1927. Serial No. 167,661. 4 Claims. (Cl. 151-65.)



1. The combination with a bolt and a nut thereon, of a nut lock comprising a plate through which the bolt passes, an abutment on said plate and a dog pivoted on the abutment, said dog having a square shoulder adapted to engage the nut and a straight portion adapted to engage the abutment and a rounded portion operatively between said shoulder and said straight portion.

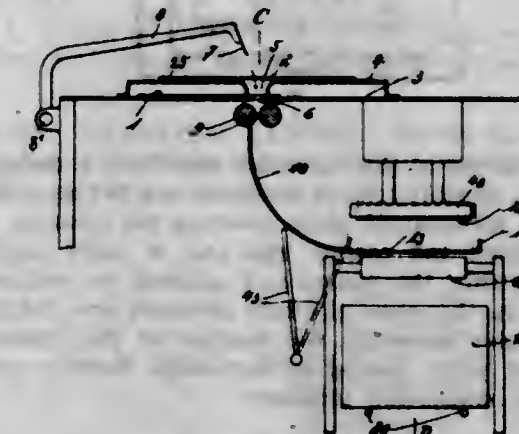
said plate between the abutment and the top of the nut, said dog having a square shoulder adapted to engage the nut and a straight portion adapted to engage the abutment and a rounded portion operatively between said shoulder and said straight portion.

1,645,841. TRANSMISSION MECHANISM. JOHN B. WHITLOW, Lexington, Ky. Filed July 22, 1927. Serial No. 207,718. 1 Claim. (Cl. 74-34.)



In combination, a drive shaft, a driven shaft, a flywheel on the drive shaft having a flange, a plurality of pinions, means for mounting the pinions in the flange, said driven shaft having one end journaled in the flywheel coaxially therewith, a gear on the driven shaft meshing with the pinions, a second gear on the driven shaft meshing with the pinions, the first gear being fixed to the driven shaft and the second gear rotatable thereon, an annulus mounted eccentrically to the axis of the driven shaft, a ring rotatable about the annulus, a plurality of pendulums rockably mounted on the second gear, connecting rods between the pendulums and the ring.

1,645,842. ENVELOPE FOLDING AND SEALING DEVICE. OTTO WIDMAIER, Stuttgart, Germany. Filed Nov. 21, 1925, Serial No. 70,560, and in Germany Jan. 27, 1925. 19 Claims. (Cl. 93-6.)

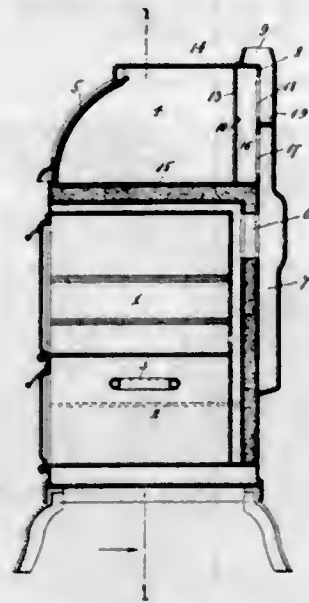


1. Envelope folding device comprising means for cutting envelope blanks from a continuous paper web and means for simultaneously folding a blank and an enclosure and for thereafter sealing said blank.

1,645,843. GAS RANGE. SAMUEL A. WILDE, Taunton, Mass., assignor to Glenwood Range Company, Taunton, Mass., a Corporation of Massachusetts. Filed May 19, 1926. Serial No. 110,269. 4 Claims. (Cl. 126-39.)

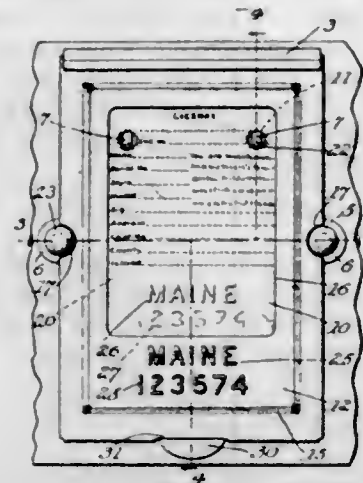
1. A gas range having a warming chamber, an outlet flue for heated air and gases developed within the range directed to pass by the rear wall of the warming chamber outside said chamber, a radiator at the back of the warm-

ing chamber with inside projection forward of its rear wall and closed from the warming chamber but in open communication with said flue, and means whereby the



heated air and gases from the range passing through said outlet flue will be directed to pass through said radiator and return to the flue.

1,645,844. CAR-IDENTIFYING MEANS. STRAUD K. Wood, Hutchinson, Kans. Filed June 15, 1926. Serial No. 116,168. 3 Claims. (Cl. 40-2.2.)

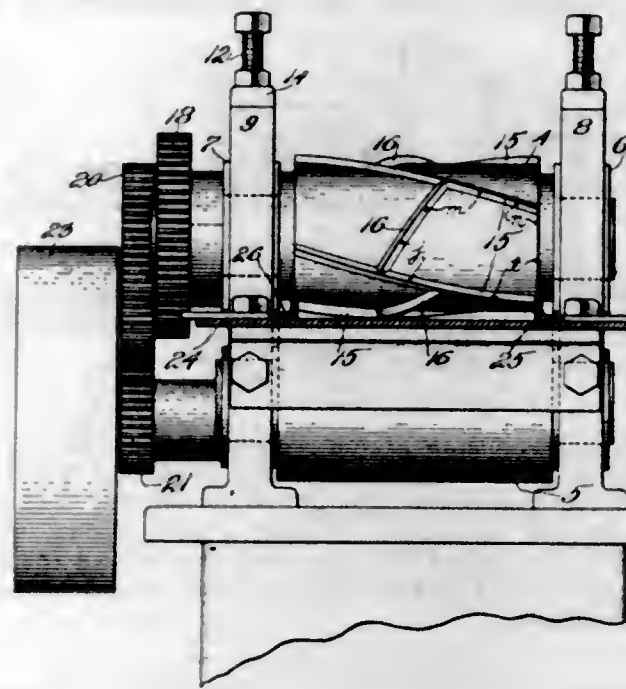


1. In a device of the character described, a casing comprising two slidably-related members, one having a window opening, a transparent plate covering the opening, a certificate within the casing, and one or more mutilating members within the casing and adapted to mutilate the certificate in the event the said members are slidably operated to give access to the interior of the casing, said transparent plate having a depression therein receiving one of the mutilating members.

1,645,845. MACHINE AND PROCESS FOR MAKING BOX-TOE BLANKS. WILLIAM H. ALBEE, Marlboro, Mass., assignor to B. A. Corbin & Son Company, Marlboro, Mass., a Corporation of Massachusetts. Filed June 26, 1925. Serial No. 39,848. 9 Claims. (Cl. 164-28.)

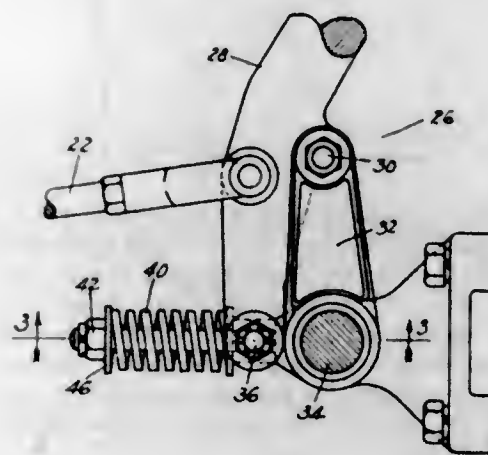
3. In a machine for cutting box toe blanks from a strip of sheet stock having approximately parallel edges, the combination of a die roll, a bed roll cooperating therewith, means for supporting said rolls in cooperative relationship to each other with one roll mounted above the other, a table for supporting said strip of stock as it is fed to the rolls, and guides for engaging the opposite edges of said strip and guiding it to the rolls, said

die roll having cutting edges extending diagonally across its periphery, and an additional cutting edge connecting each pair of diagonal edges, said edges being arranged to



cut said strip into blanks of approximately trapezoidal form with a portion of the edge of the strip forming one of the inclined edges of each blank.

1,645,846. BRAKE-OPERATING CONNECTION. WILLIAM J. ANDRESS, South Bend, Ind. Filed July 25, 1925. Serial No. 46,038. 7 Claims. (Cl. 74-81.)

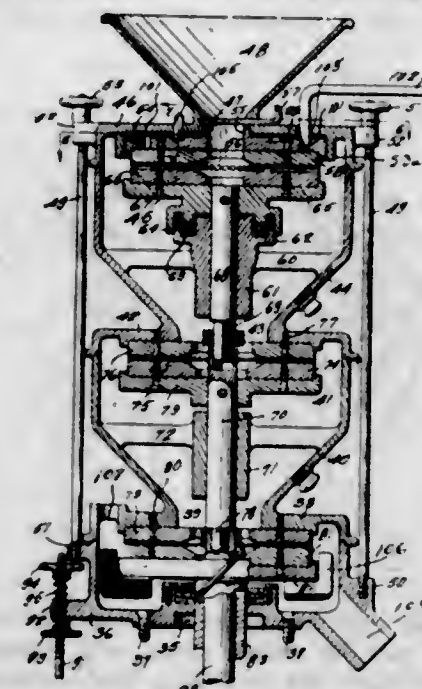


1. Brake-operating connections comprising, in combination, a two-part lever, one part of which is operable by the driver to apply the brakes, a fulcrum for the other part of the lever, said two parts of the lever pivotally connected at a point remote from the fulcrum, and a spring constraining the two parts of the lever to turn together about the fulcrum and yieldable in case of excessive pressure to allow relative movement of the two parts of the lever to limit the force applied to the brakes.

1,645,847. FLOUR MILL. DAVID S. ANTHONY, San Antonio, Tex. Filed Sept. 8, 1924. Serial No. 736,560. 5 Claims. (Cl. 83-7.)

1. A flour mill comprising a series of fixed grinding elements spaced apart one above the other, a rotatively mounted grinding element for each of said fixed grinding

elements, each of said rotatively mounted elements being mounted on a shaft operating about a common center having their adjacent ends telescopically connected, means

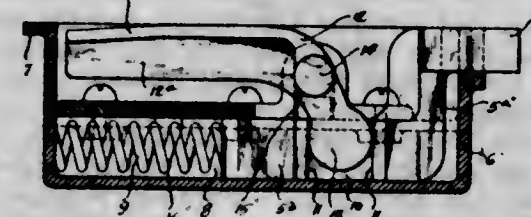


for independently moving said shafts longitudinally for adjusting the movable grinding elements relative to the fixed grinding elements.

1,645,848. PROCESS FOR THE MANUFACTURE OF THE CONDENSATION PRODUCTS OF UREA AND OF FORMALDEHYDE. HENRI BARTHELEMY, Paris, France, assignor to The Societe Industrielle des Matieres Plastiques, Paris, France. Filed Nov. 23, 1925, Serial No. 70,998, and in France Dec. 16, 1924. 5 Claims. (Cl. 260-3.5.)

1. A process of manufacturing condensation products from urea and formaldehyde, comprising the steps of mixing together urea and formaldehyde; adding an alkali earth carbonate to the mixture; and then boiling the resultant reaction mixture.

1,645,849. DOOR LATCH. DANIEL BELL, Chicago, Ill., assignor to Invincible Laundry Equipment Co., Chicago, Ill., a Corporation of Illinois. Filed Mar. 13, 1926. Serial No. 94,428. 4 Claims. (Cl. 292-173.)

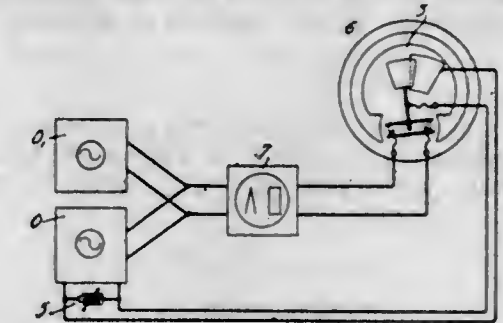


1. In a door latch, a casing having a groove in its bottom, a latch bolt having a depending neck terminating in a shank slidable in said groove, a spring for impelling said bolt, a lever fulcrumed intermediate its ends, the power arm of said lever extending obliquely to the axis of said casing, the weight arm of said lever being bifurcated and at an angle to the power arm, said shank having a reduced portion in engagement with the bifurcated end of said lever.

1,645,850. REGULATOR. FREDERICK S. BERNHARD, Brooklyn, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Nov. 22, 1923. Serial No. 676,456. 9 Claims. (Cl. 250-36.)

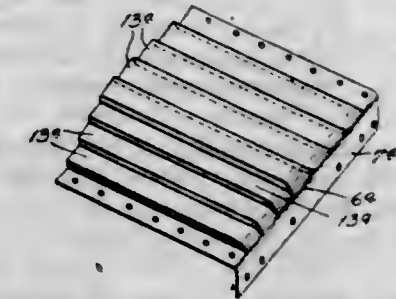
1. A frequency regulator comprising a source of periodic variations, a source of electrical periodic variations including a frequency determining condenser, means whereby a change of relative phase of the variations produced by

said sources from any desired initial phase relation produces a change in capacity of said condenser, means whereby said change in capacity tends to produce a com-



pensating change in said electrical source, and means for providing the desired initial phase relation between the variations from said sources.

1,645,851. CAR ROOF. CHARLES DAVID BONSALE, Pittsburgh, Pa., assignor to P. H. Murphy, Company, New Kensington, Pa., a Corporation of Pennsylvania. Filed June 21, 1926. Serial No. 117,389. 11 Claims. (Cl. 108-5.4.)

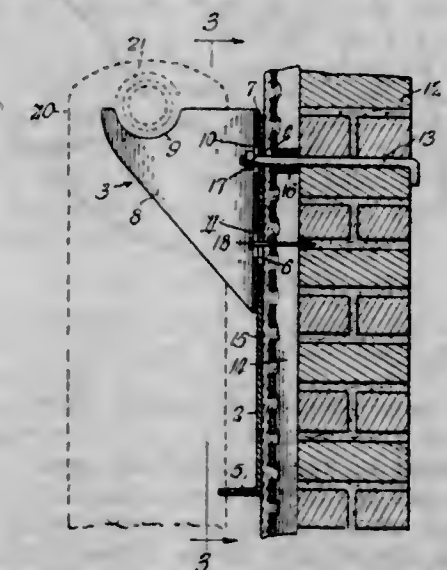


1. A car roof comprising a series of metal roof sheets connected together along their adjacent margins, each of said sheets comprising a series of steps extending from end portion to end portion thereof.

1,645,852. DENTIFRICE. ROY H. BROWNLEE, Pittsburgh, Pa. Original application filed Aug. 27, 1924. Serial No. 734,513. Divided and this application filed Oct. 12, 1926. Serial No. 141,235. 12 Claims. (Cl. 167-9.)

5. A dentifrice comprising as its principal active ingredient an iodide of an aliphatic hydrocarbon.

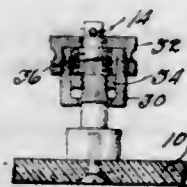
1,645,853. RADIATOR HANGER. HARRY H. CRAWFORD, Chicago, Ill. Filed Feb. 1, 1926. Serial No. 85,109. 3 Claims. (Cl. 248-17.)



1. A radiator hanger embodying therein, a wall plate and a hanger bracket extending at a right angle therefrom and including a flange for adjustable engagement

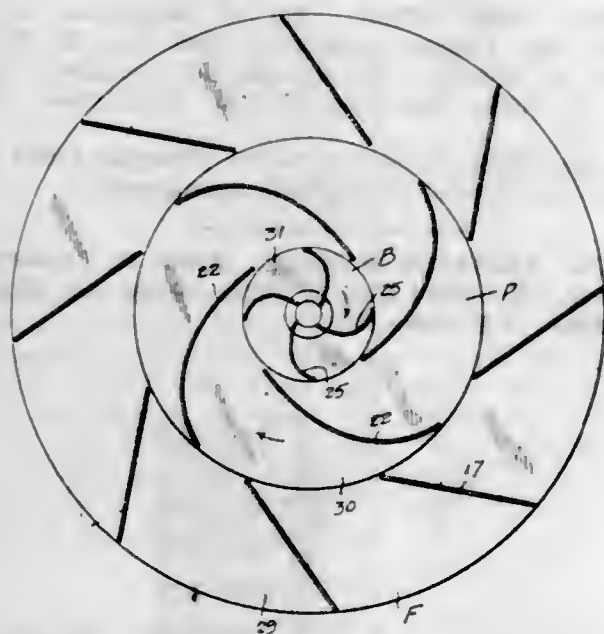
with said wall plate, a bolt adapted to extend through said flange and wall plate and to be fixed in a building wall, and a member on the bottom end of said wall plate and adapted to engage between adjacent sections of the radiator supported by the hanger to prevent shifting thereof.

1,645,854. BINDING POST. JOHN J. CROSBY, Detroit, Mich., assignor of one-half to Patrick F. Leahy, Detroit, Mich. Filed Jan. 15, 1927. Serial No. 161,256. 3 Claims. (Cl. 173-259.)



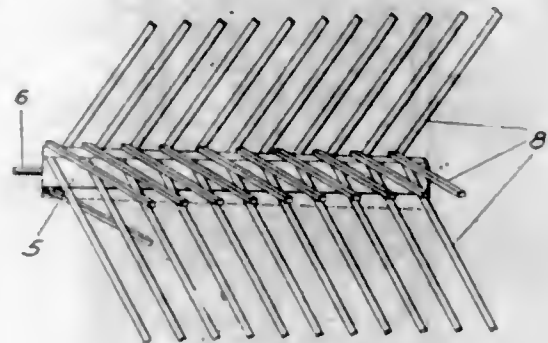
1. In a binding post a stationary post member provided with an opening for a conductor, a sleeve comprising a pair of threadedly connected sections slidably mounted upon said stationary post member, a part adjustable upon the post within said sleeve, and a spring within the sleeve engaging said part and acting upon the sleeve to hold the same to securely grip the conductor between the sleeve and the post.

1,645,855. WIND MOTOR. ERNEST E. DE VORE, Mount Wilson, Calif. Filed July 6, 1926. Serial No. 120,819. 10 Claims. (Cl. 170-13.)



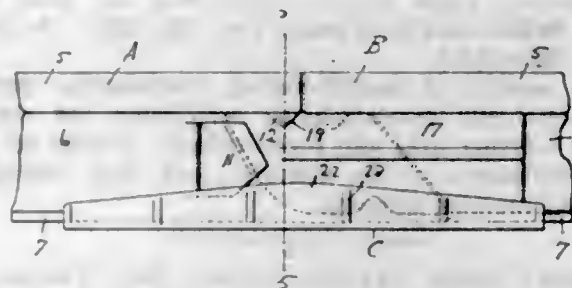
1. A wind motor comprising a power wheel mounted to rotate about a fixed axis and having transversely curved blades extending in arcs substantially tangent with respect to the axis of the wheel and spaced about its axis, and a booster wheel within the power wheel rotatable independently thereof, the booster wheel having arcuate blades adapted to receive currents of air from the blades of the power wheel in a manner to rotate the booster wheel and thus generate and distribute air currents which assist in the rotation of the power wheel.

1,645,856. HEADER REEL. JOHN C. EICHELBERGER, Stockton, Calif. Filed Nov. 8, 1926. Serial No. 146,952. 2 Claims. (Cl. 56-220.)



1. A header reel comprising a central turnable element, and a row of fingers along said element projecting outwardly from and secured to said element in spaced relation to each other, the fingers being disposed at an angle of less than 90 degrees to the axis of the drum.

1,645,857. RAIL JOINT. ERICK E. ERICKSON, Scandia, Kans. Filed Apr. 18, 1927. Serial No. 184,661. 4 Claims. (Cl. 238-24.)



1. A rail joint of the class described, comprising abutting rail ends, one of said rail ends formed with an extended web and extended base flanges, and the other rail end being formed with a pair of plates extending from its web and extended ball, the extremities of the plates being disposed beyond the extremity of the ball, the ball of the first rail having a V-shaped notch and the ball of the second rail having a V-shaped projection to fit therein, and also having a depending V-shaped projection to fit into V-shaped notch in the upper edge of the web extension.

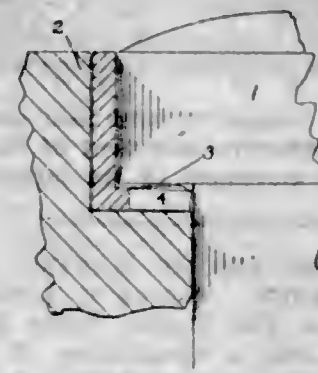
1,645,858. FABRIC. CLIFFORD B. HAYES, Needham, Mass. Filed Nov. 22, 1924. Serial No. 751,533. 7 Claims. (Cl. 154-46.)



1. As an article of manufacture, a fabric lining material specially adapted for use as a lining for shoes composed of short textile fibers substantially devoid of adhesive content, promiscuously interlaced and com-

pressed into a coherent sheet capable of loosening and thereby developing increased thickness and softness with retained integrity as a coherent sheet upon continued flexure as when used as specified in a shoe.

1,645,859. LOCK WASHER FOR CAP SCREWS. RICHARD T. HOSKING, Wilmette, Ill., assignor to Shakeproof Lock Washer Company, Incorporated, Division of Illinois Tool Works, Chicago, Ill., a Corporation of Illinois. Filed Nov. 8, 1926. Serial No. 147,019. 3 Claims. (Cl. 151-35.)



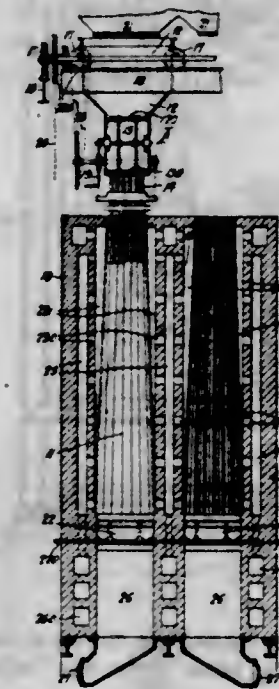
1. A lock washer comprising a cap having a cylindrical rim provided at its bottom with an internal flange, said flange formed with resilient teeth projecting radially inward, and twisted, for the purposes set forth.

1,645,860. ELECTRIC-LAMP SOCKET. WILLIAM ILE, Jackson, Mich., assignor to Reynolds Spring Company, Jackson, Mich., a Corporation of Delaware. Filed May 6, 1926. Serial No. 107,285. 3 Claims. (Cl. 173-235.)



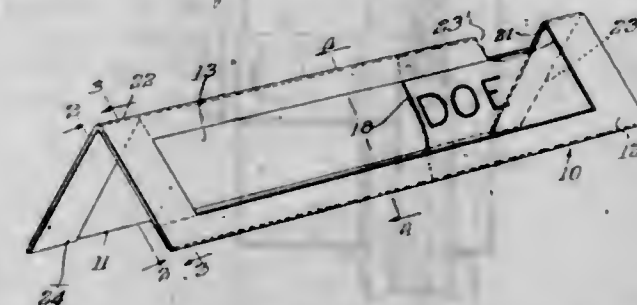
1. An electric lamp socket including an insulating body divided longitudinally and composed of two sections and provided with an upper neck portion and having lower sockets, said sections being provided with a central vertical recess and having side recesses located at opposite sides of the central recess and a bottom transversely disposed recess arranged below the central recess and extending to opposite sides thereof, interior screw shell contacts arranged in the said sockets, an exterior shell contact arranged on the neck, a conductor bar arranged in the side recesses of the sections at one side of the central recess and electrically connecting the exterior shell contact with one of the interior shell contacts, a central conducting bar arranged in the bottom recess, the side recesses and the bottom recess permitting a reversal of the parts to enable the same to be quickly assembled, a top insulating section fitted against the exterior screw shell contact and a combined conductor and connecting screw piercing the top section and connected with the center contact bar.

1,645,861. APPARATUS FOR THE MANUFACTURE OF CARBONIZED FUEL. STEWART ROY ILLINGWORTH, Radyr, Wales, assignor to The Illingworth Carbopization Company, Limited, Manchester, England. Filed Sept. 27, 1924. Serial No. 740,339, and in Great Britain Oct. 29, 1923. 5 Claims. (Cl. 209-9.)



1. Apparatus for the manufacture of carbonized fuel comprising a brick setting having an interior chamber, plates of iron of H section positioned within said chamber and spaced from the walls thereof and forming a plurality of small retorts, and means for heating said retorts.

1,645,862. FRAME AND MOUNTING. EARL R. JOHNSON, Chicago, Ill. Filed Oct. 27, 1926. Serial No. 144,443. 4 Claims. (Cl. 40-148.)

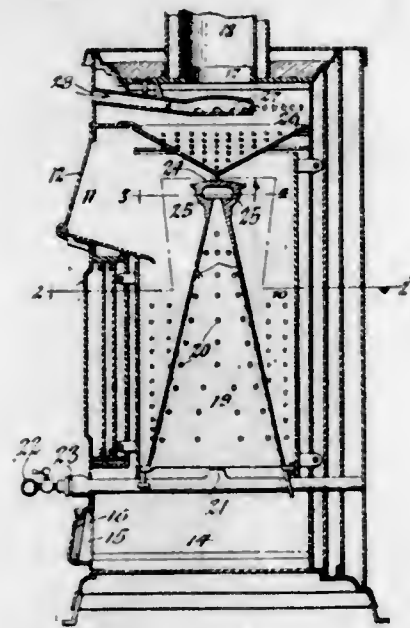


1. As an article of manufacture, a frame including a peripheral slot adapted to receive an insert, said slot being defined by flaps turned back over the frame, a supporting member connected to the frame and disposed at an angle to the frame with the ends opposite the ends of the frame, said flaps being located between the frame and the member, and a reinforcing element for each end of the supporting member connected to the associated end flap of the frame within the angular space defined by said frame and member.

1,645,863. INCINERATOR. EDWARD KENER, Jr., Buffalo, N. Y., assignor to Buffalo Co-Operative Stove Co., Buffalo, N. Y., a Corporation of New York. Filed Feb. 7, 1924. Serial No. 691,094. 1 Claim. (Cl. 110-18.)

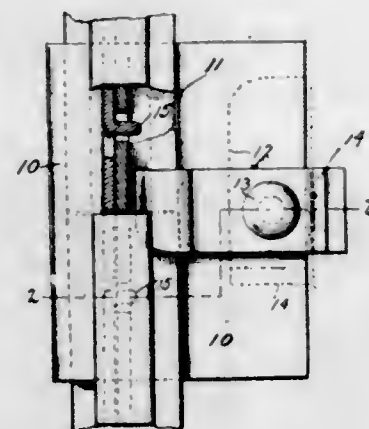
A refuse incinerator comprising a receptacle adapted to receive the material to be burned, an upright upwardly tapering tube arranged centrally within the receptacle and provided at its lower large end with an inlet for gaseous fuel, an outlet at its small upper end and a plurality of perforations in its side at different places throughout the height thereof, and a baffle of comparatively small diameter arranged horizontally above

the upper end of said tube and close thereto, and projecting laterally beyond said upper outlet so as to de-



fect the gas issuing therefrom horizontally over the top of the material and burn over the latter immediately around said tube.

1,645,864. RAIL JOINT. FRANCIS E. KING, Huntington, W. Va. Filed Mar. 24, 1927. Serial No. 177,894. 5 Claims. (Cl. 238—195.)

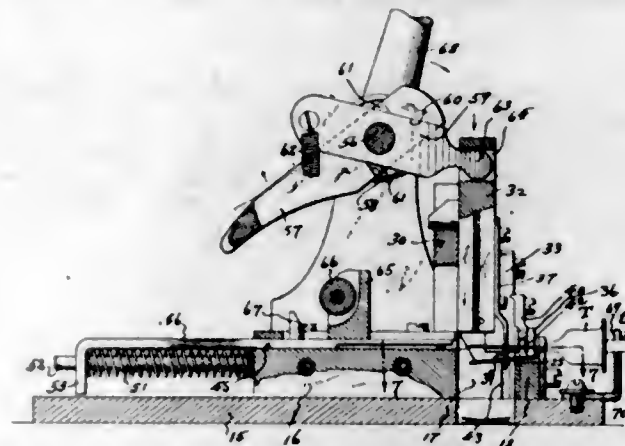


1. A rail joint comprising a substantially L-shape member with portions to lie against the side of the rail and beneath and beyond the rail on the opposite side provided with integral lugs to enter the rail holes, said lugs being struck out of the portion of the plate at the rail side, and a clamp adapted to extend between such member and the rail flange on the upper side, said clamp being a bar permanently pivoted to said member.

1,645,865. BENDING PRESS. DANIEL KONDAKJIAN, Newark, N. J. Filed Dec. 10, 1926. Serial No. 153,749. 11 Claims. (Cl. 153—21.)

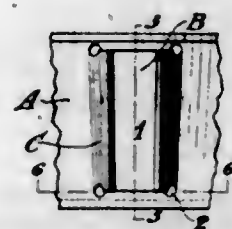
1. In a machine of the kind described, a bed-block having an anvil portion at its forward end, a vertically reciprocable plunger above said anvil portion, means for slidably supporting said plunger, a horizontally reciprocable plunger slidable on said bed-block and movable toward said anvil portion, cooperative means connected with said anvil portion and said respective plungers for cutting and bending the work, a rock-shaft, means for oscillating said rock-shaft, a primary lever-member fixed on said rock-shaft and cooperative with said horizontally

reciprocable plunger, a secondary lever-member loosely mounted on said rock-shaft and cooperative with said vertically reciprocable plunger, and means on said pri-



mary lever member cooperative with said secondary lever-member whereby retractive movement of the former produces an operative movement of the latter.

1,645,866. PROCESS OF MAKING CAGES FOR ROLLER BEARINGS. MARCUS T. LOTHROP, Canton, Ohio, assignor to The Timken Roller Bearing Company, Canton, Ohio, a Corporation of Ohio. Filed Nov. 12, 1926. Serial No. 147,939. 4 Claims. (Cl. 29—148.4.)



1. The process of making roller bearing cages, which consists in providing the blank with holes for the pockets and the smaller holes near the corners of said pocket holes and striking up wings along lines that extend alongside said pocket holes and through said small holes.

1,645,867. ELECTRIC HEATING UNIT. WILLIAM B. LOUTHAN, East Liverpool, Ohio. Filed Dec. 21, 1926. Serial No. 156,176. 1 Claim. (Cl. 201—63.)

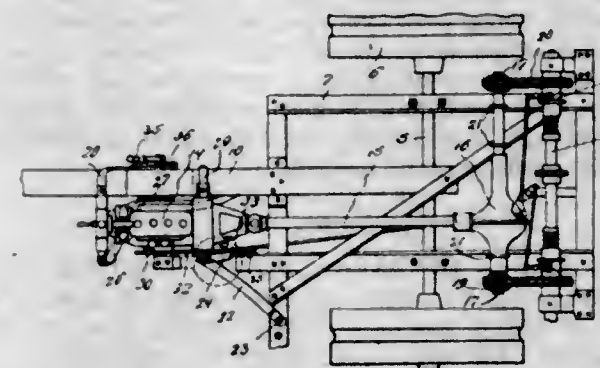


An electric heating unit comprising, in combination, an insulating member having a groove in a surface thereof, the side walls of the groove having their lower portions undercut, the side walls of said undercuts being inclined downwardly and outwardly, and a flat resistance element extending within the groove and having close contact with the bottom thereof, said element extending within the undercuts with the marginal portions of the element in engagement with the side walls of said undercuts, said element possessing sufficient inherent resiliency to maintain the same normally flat and permitting the same to be flexed transversely for insertion within the groove.

1,645,868. MOTOR ATTACHMENT FOR CORN PICKERS. GEORGE PUCK, Lakeside, Minn. Filed Mar. 15, 1926. Serial No. 94,898. 1 Claim. (Cl. 56—10.)

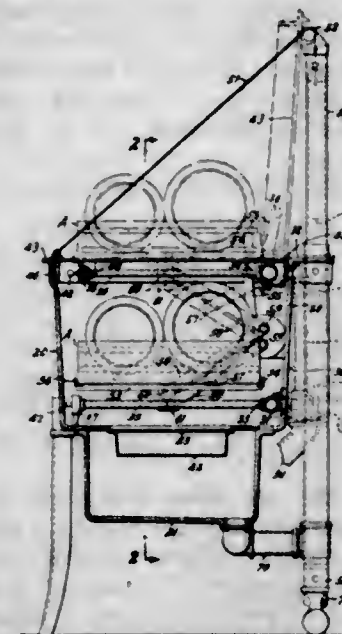
A corn picker including, in combination, a main frame, a drive shaft on the main frame, a stub tongue on the main frame, a second stub tongue below the first stub tongue and pivoted thereto, an engine mounted on the first stub tongue to the left hand side thereof, a main

shaft extending rearwardly from the engine alongside of the first stub tongue over the main frame, axle shafts operatively connected with the main shaft, chain drives



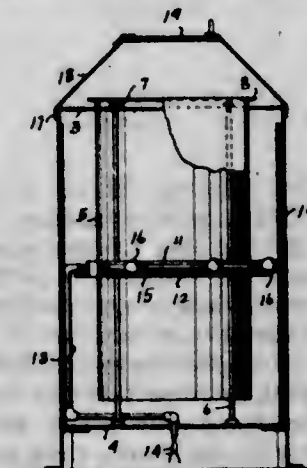
operatively connected with the axle shaft and with the drive shaft, and a tilting mechanism on the right hand side of the stub tongue.

1,645,869. WASHING MACHINE. CHARLES A. MURDOCH, New York, N. Y. Filed Apr. 8, 1924. Serial No. 704,905. 4 Claims. (Cl. 141—9.)



1. A washing machine comprising a tank, a lid pivoted to the tank, and means for circulating water through the tank, said means embodying a spraying rack pivotally attached to said lid to swing thereon for presenting the end of said rack for cleansing purposes in spaced relation to said lid.

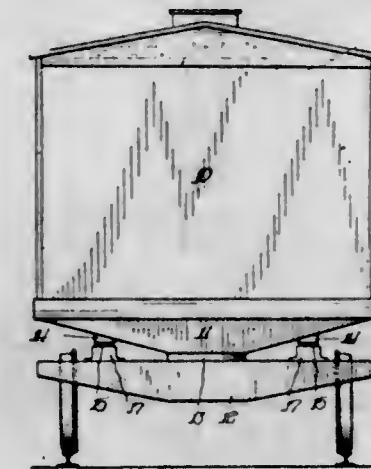
1,645,870. COMBINED RECEPTACLE AND ILLUMINATED SIGN. BOOKER L. OVERTON, Shreveport, La., and FITZHUGH L. OVERTON, Houston, Tex. Filed June 1, 1926. Serial No. 112,843. 5 Claims. (Cl. 40—132.)



3. A device of the character described including a casing having translucent side walls, a receptacle within

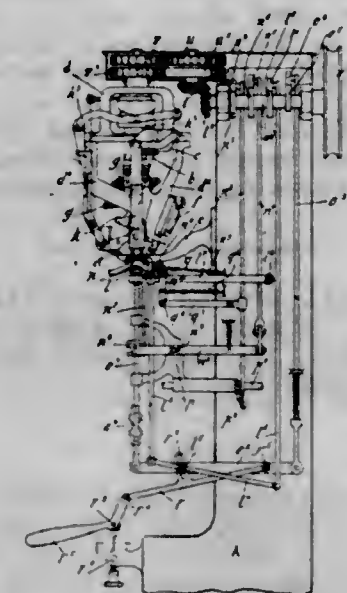
and spaced from the casing, upstanding rods around the receptacle and a support secured to the rods and disposed around said receptacle and means for illumination carried by said support spaced apart and disposed around said receptacle.

1,645,871. RAILWAY-CAR SIDE BEARING. LAWRENCE RICHARDSON, Louisville, Ky. Filed Aug. 6, 1923. Serial No. 655,830. 3 Claims. (Cl. 308—138.)



1. In a railroad car, the combination of a truck bolster, a body bolster and a side bearing means interposed between said bolsters, said side bearing means acting as a friction brake and comprising a plurality of superimposed relatively stiff spring plates, in frictional contact on relatively large friction surfaces, said plates being laterally confined and adapted to deflect with frictional resistance under load for absorbing shocks and reducing recoil.

1,645,872. SHOE-SOLE-SEWING MACHINE. GABRIEL CASIMIR ROGER, Bordeaux, France. Filed Apr. 23, 1923, Serial No. 634,018, and in Belgium May 10, 1922. 10 Claims. (Cl. 112—176.)



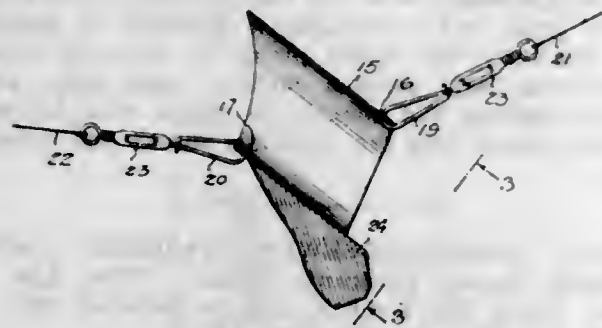
1. A sewing machine comprising a needle, means for operating the needle, means for supplying the needle with sewing thread, a shuttle, means adapted to operate the shuttle, means for distorting a sole to allow the needle to enter and leave the same side, and means for causing the needle and the shuttle to simultaneously rotate through 180° after every stitch.

1,645,873. CONCRETE-WORKING TOOL. HARRY T. ROGERS, Chicago, Ill. Filed Apr. 29, 1927. Serial No. 187,597. 3 Claims. (Cl. 25-1.)



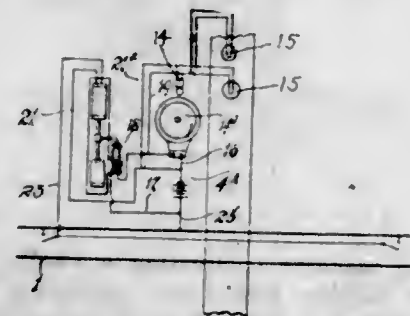
1. A concrete working tool, comprising a handle, a blade secured thereto, a spring member having a shoulder facing the blade, and a cam carried by the spring member at the end thereof and being inclined angularly away from the face of the blade.

1,645,874. DIVING SINKER FOR DEEP-SEA ANGLING. CHORAL B. SANFORD, Avalon, Calif. Filed May 12, 1926. Serial No. 108,583. 6 Claims. (Cl. 43-54.)



1. A diving sinker for use in trolling comprising a tubular body weighted at one end and open at both ends to permit the passage of water through the body, said sinker adapted to be interposed between and connected to trolling and leader lines in such manner that when trolling, the body will be inclined downwardly and forwardly so that water will move through the body and cause the sinker to dive and maintain the leader line submerged.

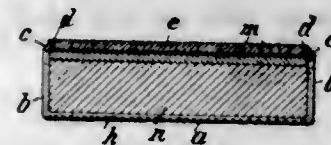
1,645,875. SIGNAL APPARATUS FOR RAILWAYS AND HIGHWAYS. ELMORE D. SCARBOROUGH, Corsicana, Tex. Filed Nov. 19, 1926. Serial No. 149,287. 3 Claims. (Cl. 240-126.)



1. A signal apparatus comprising a mechanically operated switch adapted to be mounted adjacent a railway rail and operated by the wheel of a car passing

along the rail, a circuit controlled by said switch including a solenoid, means for retarding the operation of said solenoid, and a second switch controlled by said solenoid having suitable signals in circuit therewith, said switch being normally open when the solenoid is inactive, but closed when the solenoid is actuated and maintained in closed position for a predetermined period of time by said retarding means, whereby the circuit is closed through said signal, and the signal operated during said predetermined period.

1,645,876. HOLDING DEVICE FOR PRINTING BLOCKS OR PLATES. JOHANN CARL FRIEDRICH ALBERT SCHÜTTE, Berlin, Germany. Filed Jan. 11, 1927. Serial No. 160,410. 1 Claim. (Cl. 101-383.)



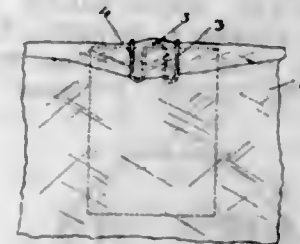
1. In a holding device for printing plates or blocks in book-printing presses, the combination with the box, a printing plate and additional filling elements therein, and an opening provided in the rear transverse wall of the box to facilitate removal of said filling elements, and a slide closing the front side of the box adapted to be removed in an upward direction.

1,645,877. RING CIGARETTE HOLDER. ARTHUR E. SHARPLES, Astoria, N. Y. Filed Nov. 22, 1926. Serial No. 149,808. 2 Claims. (Cl. 131-10.)



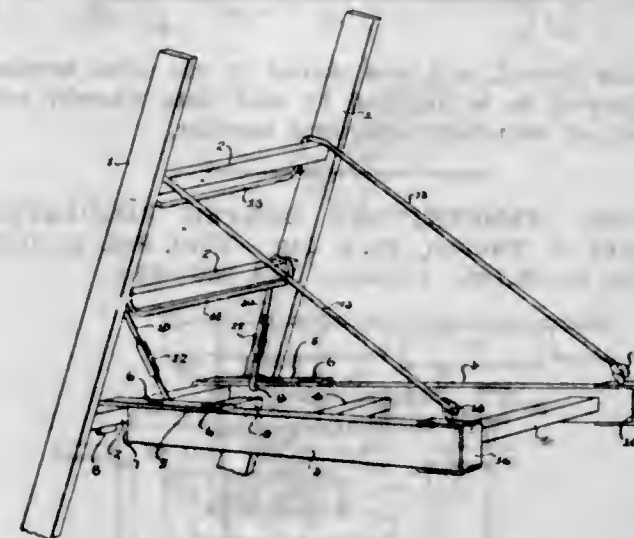
1. A device of the character described comprising a finger ring of conventional design having a head, a metal tube of relatively small diameter secured to said head and projecting from opposite sides thereof, a mouth piece secured to one end of said tube, and a cigarette holder secured to the opposite end of said tube and disposed at an angle to the plane of said head.

1,645,878. TICKET FOR MARKING DELICATE FABRICS. WILHELM SIEGFRIED and ARTHUR DACHS, Erfurt, Germany. Filed June 14, 1926, Serial No. 116,011, and in Germany Dec. 5, 1925. 3 Claims. (Cl. 40-23.)



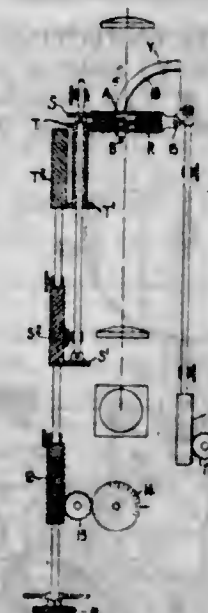
1. In a ticket for marking fabrics and the like, the combination of a ticket, a wire stirrup rigidly secured to the ticket and having two limbs projecting over the upper edge of the ticket, and a wire-portion connecting said limbs, said connecting wire-portion forming a tongue which lies wholly above the upper edge of the ticket and is spaced laterally from the limbs and bendable towards the back of the ticket to form together with said limbs, a hook, said tongue being constructed and arranged to be pushed, together with the fabric, from a plane disposed behind the limbs to a plane disposed before said limbs, and afterwards to be bent down together with said limbs, over the upper edge of the ticket.

1,645,879. LADDER AND PLATFORM SUPPORT. HENRY E. SKELLS, Rochester, N. Y. Filed May 14, 1927. Serial No. 191,491. 3 Claims. (Cl. 304-34.)



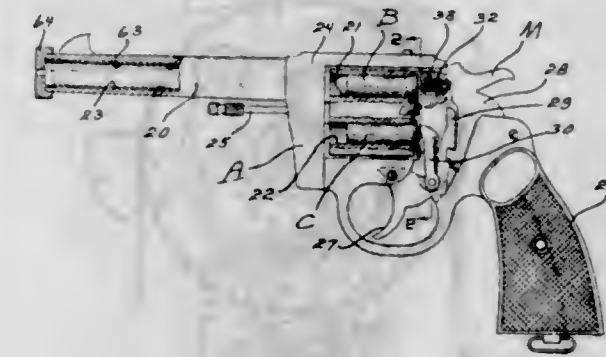
2. A ladder and platform support comprising two side pieces connected together, means at the inner ends of said side pieces for supporting said side pieces from a ladder rung, a hanger for engagement with a rung above that engaged by the first named means, eye bolts to which said hanger is pivotally connected, and cushions held on the outer ends of the side pieces by said eye bolts.

1,645,880. PERISCOPE, TELESCOPE, AND LIKE OBSERVATIONAL INSTRUMENT. JOHN MARTIN STRANG, Glasgow, Scotland, assignor to Barr and Stroud Limited, Glasgow, Scotland. Filed Oct. 29, 1924. Serial No. 746,556, and in Great Britain Nov. 6, 1923. 11 Claims. (Cl. 88-2.7.)



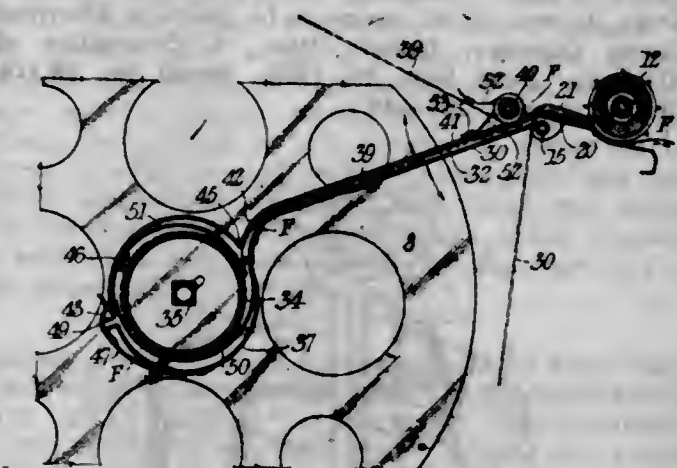
1. An angle measuring periscope of the single entry beam type having optical parts for causing rays of the beam of light to be convergent, a system of prisms within the periscope located in a region where rays of the beam of light are convergent, the system of prisms being formed to divide the beam into two portions, for producing two images, and formed to cause the two images to lie in one and the same focal plane, one a principle image, the other a complementary image, and for deviating the principal image having prisms of the system relatively movably rotationally angularly about an axis extending longitudinally in the beam.

1,645,881. ELECTRIC TARGET-PRACTICE APPARATUS FOR FIREARMS. EUGENE H. STRONG, Pearisall, Tex. Filed July 9, 1926. Serial No. 121,431. 10 Claims. (Cl. 240-6.4.)



1. In a target practice apparatus, the combination with a firearm embodying a chambered cylinder, and a firing mechanism embodying a firing pin, of a light projecting cartridge embodying a light bulb, removably fitting in the chamber of said cylinder and adapted to have an electrical circuit completed through the light bulb thereof by contact of the firing pin of the firing mechanism with the cartridge.

1,645,882. SELF-THREADING WINDING MEANS. ADOLPH STUBER, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a Corporation of New York. Filed Dec. 4, 1925. Serial No. 73,124. 8 Claims. (Cl. 242-55.)

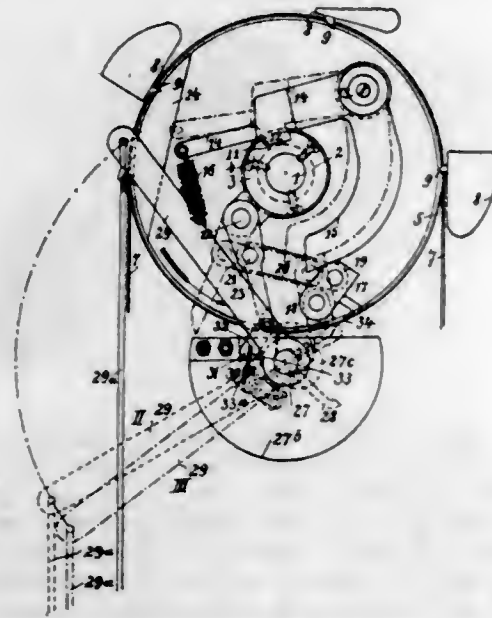


7. In motion picture apparatus, a smooth driven core, complementary members constituting a guide leading to said core and having parts embracing said core, whereby a propelled film end may be directed to and around said core, said members being spring pressed apart, but being held operatively together by a yieldable spring latch, whereby when a predetermined amount of film is coiled around the core the pressure therefrom may cause the spring latch to yield and the members will separate.

1,645,883. SAFETY DEVICE FOR ELEVATORS, CONVEYERS, AND LIKE APPARATUS. ALBERT TRICHMANN, Zeitz, Germany. Filed Dec. 16, 1925, Serial No. 75,783, and in Germany Sept. 30, 1925. 3 Claims. (Cl. 198-232.)

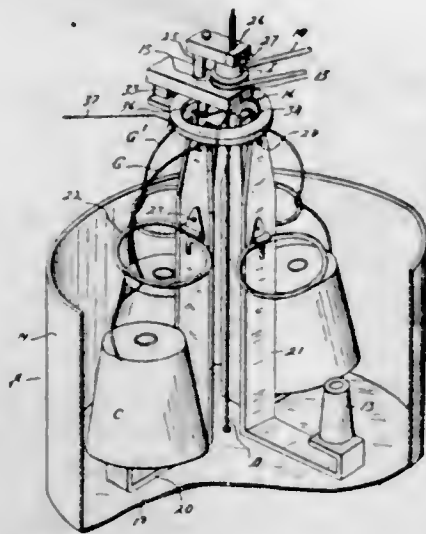
1. A safety device for elevators and power transmission belting, comprising in combination with the driving shaft, a band pulley loosely mounted on said shaft, a band guided over said pulley, abutment members on said band and projecting over the rim of said pulley, a coupling mounted inside said band pulley and connecting said pulley with said shaft, means in said pulley projecting into the path of said abutment members and designed to be operated by the latter when the band stops to dis-

engage said coupling, and an auxiliary device for disengaging said coupling, said auxiliary device extending alongside the elevator or power transmission belting,



whereby said auxiliary device may be operated and the drive for the elevator or power transmission belting put out of action at any desired point of the latter.

1,645,884. MACHINE FOR MAKING ASBESTOS-COVERED WIRE. LAURENCE H. THOMAS and FRANK KUHN, Detroit, Mich., assignors to American Electrical Heater Company, Detroit, Mich., a Corporation of Michigan. Filed Sept. 28, 1925. Serial No. 59,118. 15 Claims. (Cl. 117-40.)

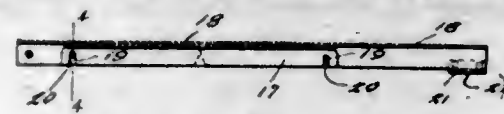


1. In a machine of the class described, the combination with a strand or wire, and means for advancing the same, of a rotatable carrier surrounding said wire having a plurality of holders thereon, spools of winding material mounted on said holders having the free ends of their strands connected to said wire, means for rotating said carrier at sufficient speed to free said strands by centrifugal action from contact with the portions of the spool surface, furthest from said strand or wire and means for limiting the outward swing of the strands and for guiding the same toward the said wire.

1,645,885. TENT SUPPORT. GEORGE T. THOMPSON, Lake City, Colo. Filed Apr. 25, 1925. Serial No. 25,878. 1 Claim. (Cl. 287-99.)

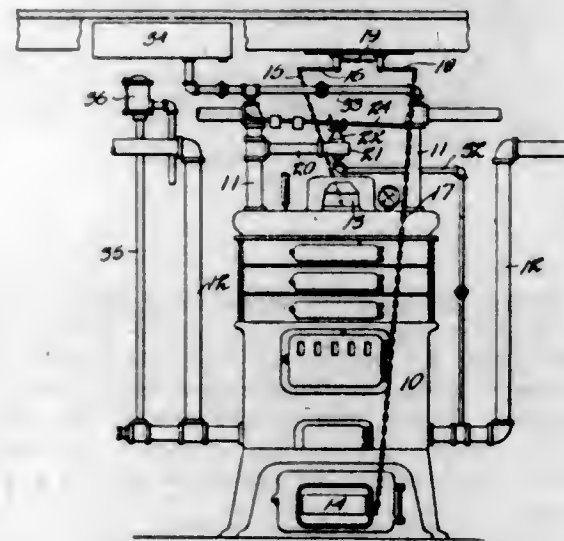
A supporting bar comprising outer sections arranged in end to end relation and of substantially U-shaped formation in cross section, an inner section adapted to be ar-

ranged within the outer sections and bridging the meeting ends thereof, said inner section having slots adjacent



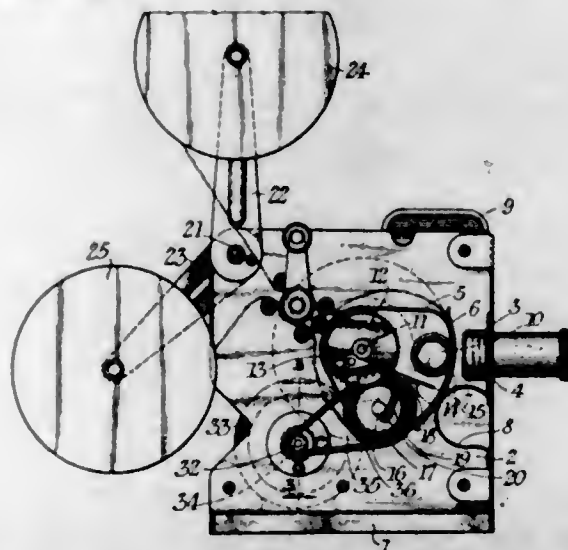
the ends thereof, and pins carried by the outer sections and adapted to be received by said slots whereby said sections are detachably connected together.

1,645,886. TEMPERATURE DAMPER REGULATOR. HOMER A. THRUSH, Peru, Ind. Filed Feb. 3, 1926. Serial No. 85,786. 6 Claims. (Cl. 236-20.)



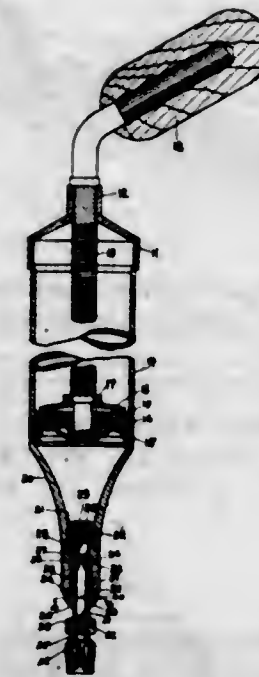
1. In a heating plant, a furnace having draft-controlling means, a pressure-operated regulator therefor, a sectional regulator-lever operated by a movable element of the regulator, flexible connections from said lever to said controlling devices, and means for varying the resistance of said lever to the pressure of said controller, substantially as set forth.

1,645,887. MOTOR-DISCONNECTING MEANS. OTTO WITTEL, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a Corporation of New York. Filed Mar. 25, 1926. Serial No. 97,352. 3 Claims. (Cl. 64-51.)



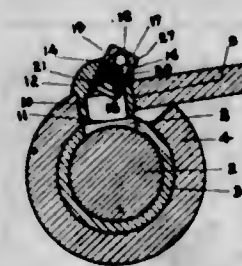
1. In combination, two pulleys, an endless, elastic, driving belt passing over said pulleys and adapted to transmit power between them by frictional engagement and a movable member having a path of movement past one of said pulleys whereby, due to elasticity of the belt, it may be moved from a position between the pulleys in a path between the belt and one of the pulleys to a position on the side of said pulley away from the other pulley whereby the belt is held out of operative engagement with said first pulley.

1,645,888. LUBRICANT-DISPENSING APPARATUS. OSCAR ZERK, now, by judicial change of name, Oscar Ulysses Zerk, Cleveland, Ohio, assignor, by mesne assignments, to The Bassick Manufacturing Company. Filed July 5, 1923. Serial No. 649,706. 5 Claims. (Cl. 221-47.4.)



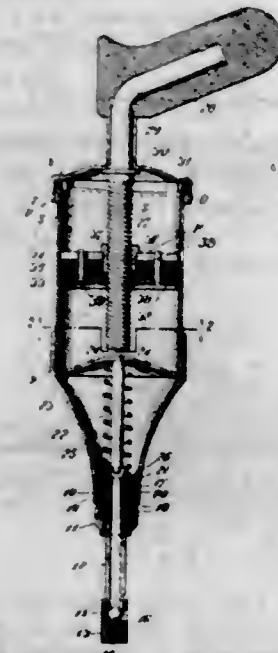
1. A lubricant dispensing nozzle comprising a sleeve having a bore, said sleeve having integral annular projections extending into said bore at both ends and another projection intermediate the ends, said sleeve having an externally threaded inlet end and a discharge end, an inwardly opening check valve seated on said intermediate projection, a spring holding said valve seated and abutting the projection at the inlet end, an axially slidable discharge connector having a reduced portion extending out through the projection at the discharge end, a packing gasket in said bore riding on the inner end of said connector, spring means seated on said intermediate projection in said bore for compacting said gasket and holding said connector extended, said connector having an axial bore with an inwardly facing shoulder, a flat pin in said bore projecting inwardly to open said check valve when said discharge connector is pressed in, and means on the outer end of said connector for forming a contact seal under axial thrust.

1,645,889. LUBRICANT-FEEDING NIPPLE AND THE LIKE. OSCAR ZERK, now, by judicial change of name, Oscar Ulysses Zerk, Cleveland, Ohio, assignor, by mesne assignments, to The Bassick Manufacturing Company. Filed Sept. 20, 1923. Serial No. 663,762. 5 Claims. (Cl. 184-89.)



1. A nipple for feeding lubricant to a bearing comprising a hollow body having an outlet opening at one end, and an inlet elbow projecting from said body, said elbow having a passage therethrough in communication with the hollow portion of said body and arranged to have the extended axis thereof intersect the outlet end of the opposite wall of said hollow body.

1,645,890. LUBRICANT COMPRESSOR. OSCAR U. ZERK, Newark, N. J., assignor to Bassick Alemite Corporation, Chicago, Ill., a Corporation of Delaware. Filed Jan. 24, 1925. Serial No. 4,514. 4 Claims. (Cl. 221-47.4.)

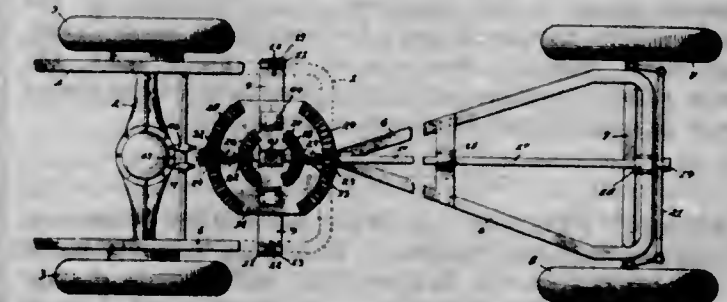


1. A lubricant compressor comprising a barrel having a removable end piece at one end and an end piece at the other end having a portion of reduced diameter, a guide sleeve secured in said portion of reduced diameter, a cylinder reciprocable in said guide sleeve and terminating in a contact piece, a spring for urging said cylinder outwardly, said guide sleeve having a counter-bore forming an annular space around said cylinder, packing in said annular space, a spring confined in said annular space for urging said packing toward one end of said annular space, a plunger carried by said barrel for displacing the contents of said cylinder, a piston rod rotatably mounted in said removable end piece, and held against longitudinal movement, said piston rod having a left-handed thread of coarse pitch, a piston threaded on said piston rod, and a handle for the outer end of said piston rod.

1,645,891. METHOD OF HARDENING AND TOUGHENING BROKEN-MINERAL AGGREGATES CONSISTING OF TRAP ROCK, LIMESTONES, SANDSTONES, AND TYPES OF SHALE ROCKS. JOSEPH HAY AMES, Philadelphia, Pa. Filed Aug. 12, 1926. Serial No. 128,906. 1 Claim. (Cl. 106-26.)

The process of toughening and hardening lighter mineral aggregates to increase their efficiency which comprises treating said aggregates in a clean condition with calcium oxide whilst in the act of slaking, in the approximate proportion of ten pounds of calcium oxide to five hundred pounds of aggregates.

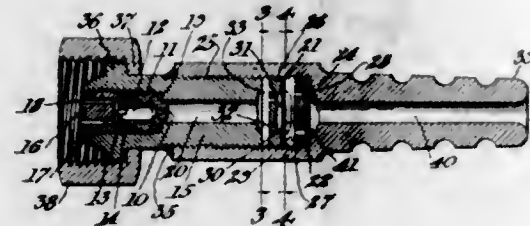
1,645,892. TRAILER-STEERING DEVICE. JOSEPH ERNEST BECKER, San Francisco, Calif. Filed Aug. 9, 1926. Serial No. 128,181. 12 Claims. (Cl. 280-33.55.)



1. A trailer steering mechanism arranged to be connected between a vehicle and trailer, each having pivotally movable steering wheels, said mechanism comprising

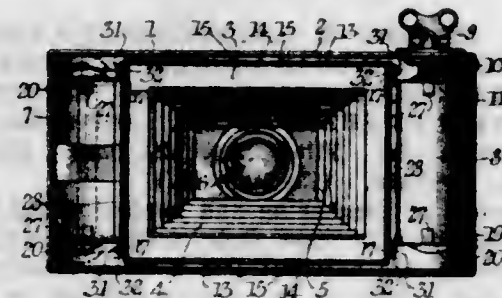
means connected between the vehicle and trailer for pivotally moving the steering wheels of the trailer to track with the steering wheels of the vehicle when said vehicle is driven either forwardly or rearwardly along a curvilinear course; and means for increasing the normal degree of turning of the trailer wheels relative to the turning of the vehicle to vary the course of said trailer.

1,645,893. WELDING AND CUTTING APPARATUS. WORTHY C. BUCKNAM, Jersey City, N. J., assignor to The Linde Air Products Company, a Corporation of Ohio. Filed Sept. 1, 1922. Serial No. 585,787. 12 Claims. (Cl. 158—274.5.)



1. The combination with a blowpipe, a container for liquefied fuel gas therefor, a conduit between said container and said blowpipe, means controlled by the pressure in said conduit for regulating the delivery of gas to the conduit at a substantially constant pressure from said container, a vaporizer in said conduit for vaporizing the entrained liquid fuel particles carried through said regulating means by the gas, and means restricting the flow of gas from the vaporizer to the blowpipe, whereby the gas vaporized in the conduit is made effective to check the delivery of gas through said regulating means.

1,645,894. SPOOL HOLDER FOR CAMERAS. JOHN CHRISTIE, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a Corporation of New York. Filed Jan. 5, 1927. Serial No. 159,185. 9 Claims. (Cl. 242—11.)

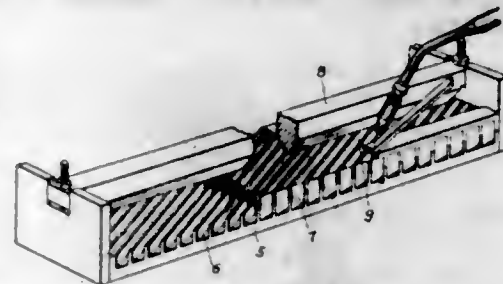


2. In a photographic camera, the combination with a camera body including side and end walls, spool chambers being located adjacent the end walls, of a film winding mechanism including film guiding rollers and film spool supports, the supports comprising a pair of perforated spring arms, relatively long trunnions on the guide rollers passing through the perforated spring arms, film spool engaging members on the spring arms, the guide roller trunnions permitting movement of the spring arms to engage and disengage a film spool.

1,645,895. PROCESS OF MAKING FILES. EDOUARD COMEN, Brussels, Belgium. Filed Mar. 6, 1924. Serial No. 697,333, and in Belgium Jan. 14, 1924. 4 Claims. (Cl. 76—24.)

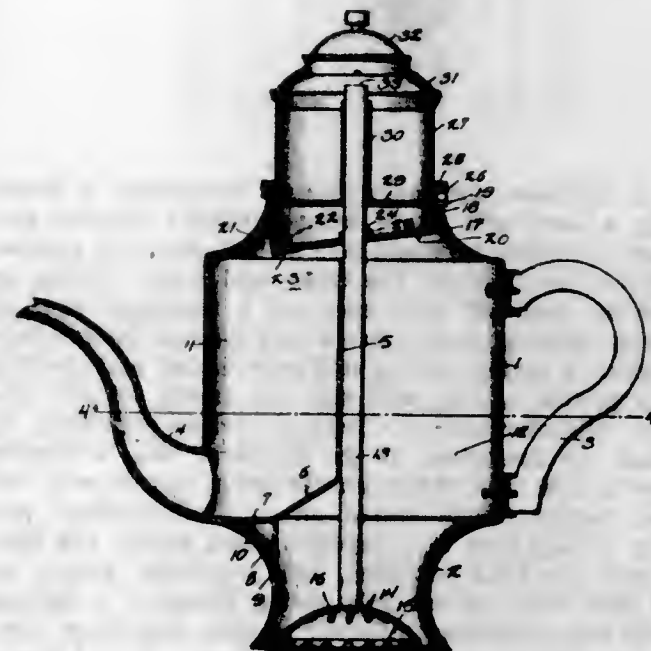
1. A process for the manufacture of files, comprising arranging a plurality of file blades side by side on a support, and then connecting the blades together by fusion

welding so as to provide a file formed in one piece whereof the fusing in metal forms the body of the file, the fusion welding being performed first along the two



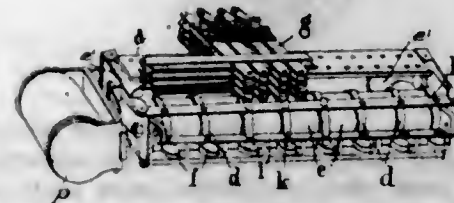
sides of the supporting member, and then, after removal of the supporting member, on the surface that was covered by such member.

1,645,896. COFFEE PERCOLATOR. JEFFERSON A. CRAWFORD, Lake Charles, La. Filed July 27, 1926. Serial No. 125,299. 3 Claims. (Cl. 53—3.)



1. A coffee pot of the class described comprising a body having a substantially centrally located vertically extending partition and an inclined bottom for dividing the body into a boiling water containing compartment, and a percolated liquid containing compartment, a shunt pan removably carried by the top of said body and provided with means at one end for delivering percolated liquid to said percolated liquid containing compartment, and coffee percolating means carried by said body.

1,645,897. ELECTROMAGNETIC RELAY. DOUGLAS CORMACK CROWE, London, England. Filed Feb. 5, 1923. Serial No. 617,165, and in Great Britain Mar. 16, 1922. 6 Claims. (Cl. 200—104.)

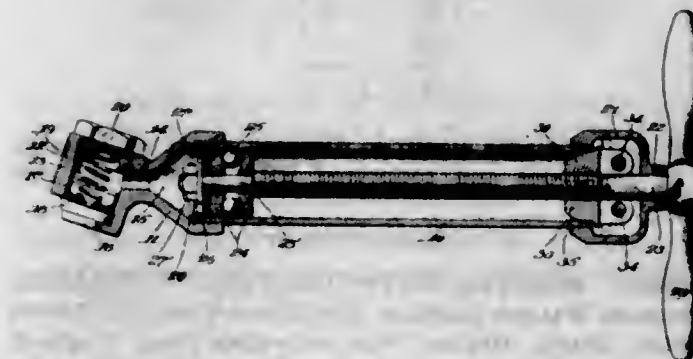


3. A multiple electromagnetic relay comprising a single magnetic circuit, a plurality of electro-magnetically actuated relay armatures associated therewith, a magnetic

core carrying pole pieces in front of the armatures, a number of magnetizing windings arranged on said core between the pole pieces, a circuit for said winding and means for changing said circuit so as to direct the magnetic flux through any one of said pole pieces for operating the corresponding armature.

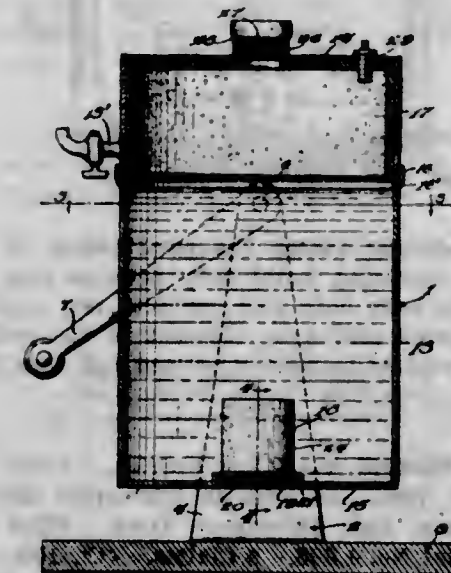
5. A multiple electro-magnetic relay comprising a single magnetic circuit, a plurality of electro-magnetically actuated relay armatures therefor, means whereby any particular armature may be operated without affecting any of the other armatures, a plurality of contacts in association with each armature, a distance piece between each armature and its contacts and means for moving said distance piece pivotally about the end abutting on to the armature so that each armature may actuate one or other of the contacts as required.

1,645,898. LUBRICANT COMPRESSOR. ERNEST W. DAVIS, Oak Park, Ill., assignor to The Bassick Manufacturing Company, Chicago, Ill., a Corporation of Delaware. Filed June 16, 1924. Serial No. 720,467. 6 Claims. (Cl. 221—47.3.)



1. A lubricant compressor comprising a barrel having a coupling member rigidly secured to one end, a cap for closing the opposite end of said barrel, said cap and barrel having co-acting breech lock means for detachably securing said cap to said barrel, a threaded piston rod slidably mounted in said cap, a piston carried by the inner end of said piston rod, and a split nut, the parts of said nut being pivotally mounted on said cap and having peripheral cam surfaces for moving said parts into engagement with said piston rod when said cap is attached to said barrel.

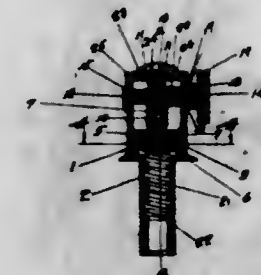
1,645,899. APPARATUS FOR GENERATING RADIUM WATER. ADOLPH DE CLERMONT, Los Angeles, Calif. Filed Feb. 16, 1926. Serial No. 88,651. 7 Claims. (Cl. 250—34.)



1. In apparatus for generating radium water, a container, means supporting the same for free swinging movement from a normal position to an inverted position,

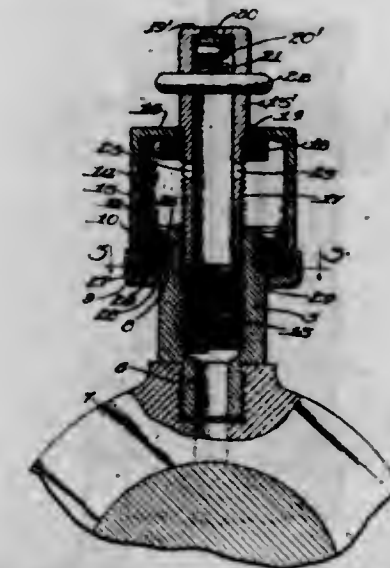
whereby it may be swung and rotated as well as inverted, a valved outlet for the water at the normal upper portion of the container, and means within the container at the normally lower portion thereof for the retention of radio-active material.

1,645,900. VALVE. CHARLES H. DUNCAN, Erie, Pa., assignor of one-third to Frank C. Richardson and one-third to William F. Johnson, Erie, Pa. Filed Sept. 27, 1921, Serial No. 503,522. Renewed Aug. 13, 1926. 7 Claims. (Cl. 251—132.)



6. In a valve, the combination of a body having a seat; a head operating on the seat; a stem extending from the head and through the seat; a transverse shaft operating on the stem; a closed bearing at one side of the body for the shaft; an open bearing for the shaft at the opposite side of the body; and means for sealing the outer end of said open bearing comprising a projection on the body surrounding said outer end of the open bearing and a groove in an enlargement on the shaft for receiving said projection.

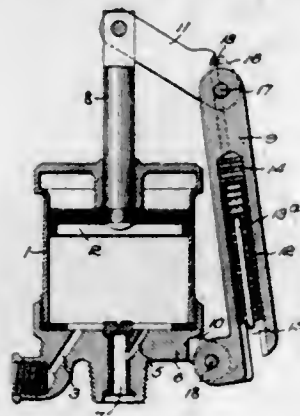
1,645,901. LUBRICANT RECEPTACLE. DOUGLAS F. FESLER, Chicago, Ill., assignor to The Bassick Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed Nov. 28, 1921. Serial No. 518,212. 7 Claims. (Cl. 184—105.)



1. A lubricant receptacle comprising a discharge conduit to be secured to a bearing to be lubricated, said discharge conduit being internally threaded, a plunger mounted on the outer end of said discharge conduit, a receptacle enclosing said plunger and slidable thereon, said plunger forming a sealing member between one end of said receptacle and said discharge conduit, a filling conduit secured to and passing through the opposite end of said receptacle, the inner end of said filling conduit having threads thereon for coacting with the internal threads of said discharge conduit, the outer end of said filling conduit being provided with a closure and means for making a detachable sealed connection with a lubricant compressor, said last named means serving as means

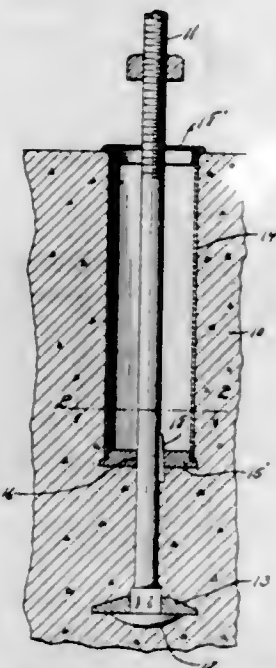
whereby said receptacle can be rotated, and a dust excluding ring surrounding said discharge conduit and carried by the inner end of said receptacle.

1,645,902. LUBRICANT-EXPELLING CUP. PERLEY H. FULLER, Auburn, Me., assignor, by mesne assignments, to The Bassick Manufacturing Company, Chicago, Ill., a Corporation of Delaware. Filed Nov. 10, 1925. Serial No. 68,179. 9 Claims. (Cl. 184-45.)



1. A lubricant cup comprising a supply reservoir, a piston in said reservoir for forcing lubricant therefrom, a discharge passage for connecting said reservoir with a part to be lubricated, a compression spring for actuating said piston, and means interposed between said spring and said piston to cause said spring to exert uniform force on said piston throughout its stroke.

1,645,903. ANCHOR-BOLT SLEEVE. CHARLES N. GARNER, Covington, Va. Filed Apr. 14, 1925. Serial No. 23,068. 4 Claims. (Cl. 72-105.)

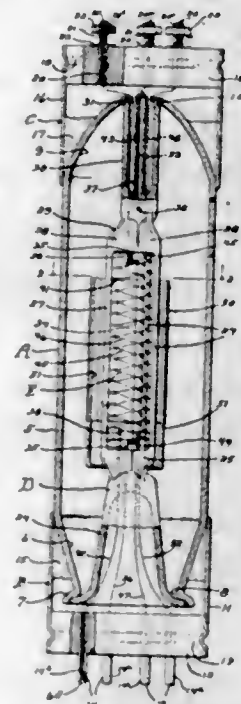


1. In combination with an anchor bolt for concrete construction, a tubular member embedded in the concrete and spaced from and surrounding the bolt, the inner end of said bolt being spaced from the inner end of the tubular member and embedded in the concrete.

1,645,904. ELECTRON-DISCHARGE DEVICE. PERCY GAVIN, National Sanatorium, Tenn. Filed Aug. 3, 1925. Serial No. 47,878. 10 Claims. (Cl. 250-27.5.)

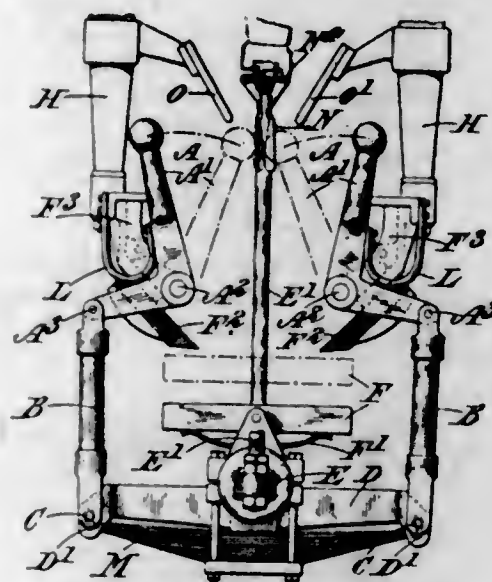
1. An electron discharge device comprising an evacuated vessel, a column having hollow neck portions formed at each end thereof, supported in the vessel by the neck portions, press portions formed at the inner end of each neck portion, bridge posts connecting said press portions, an assembly of independent electrodes supported inter-

mediate said press portions and having lead wires passing through each press portion and its adjacent hollow neck portion to independent conductors externally of the



vessel, and a single electrode disposed about said assembly of electrodes and connected with an external conductor.

1,645,905. ELECTRIC SWITCH OR CIRCUIT BREAKER. RICHARD WALTER GREGORY, Hexham-on-Tyne, and LEWIS COLIN GRANT, Heaton, Newcastle-upon-Tyne, England, assignors to Electrical Improvements Limited, Newcastle-upon-Tyne, England, a Company of Great Britain. Filed Dec. 21, 1926, Serial No. 156,194, and in Great Britain Mar. 3, 1926. 7 Claims. (Cl. 200-150.)

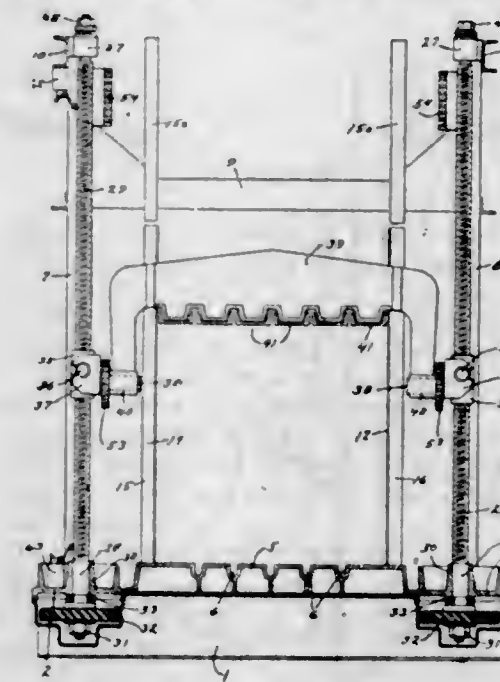


3. In an electric switch the combination of movable contacts, an insulated metal body between said contacts against which body both said contacts rest when closed, and an insulated conductor adjacent to the path of motion of each contact between its closed and open positions.

1,645,906. POWER BALING PRESS. JOHN HANSEN, Bettendorf, Iowa, assignor to Davenport Manufacturing Company, Inc., Davenport, Iowa. Filed Jan. 10, 1925. Serial No. 1,565. 2 Claims. (Cl. 100-8.)

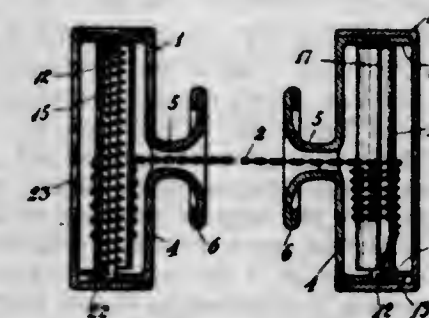
1. A baling press, comprising a receptacle, open at the top, and capable of being opened at its sides; a press mechanism vertically movable in said receptacle, and above the same, said mechanism being rockingly mounted at its ends; an impediment supported in the path of said

press mechanism, near the upper end of the movement thereof; and means carried by said press mechanism capable of a mobile engagement with said impediment, causing



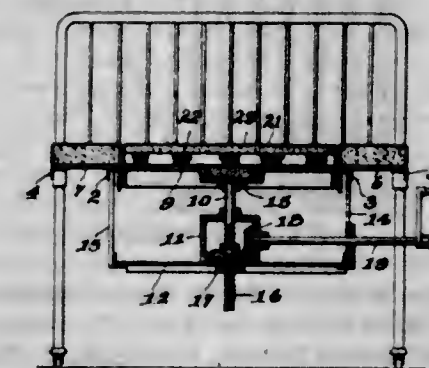
ing a tipping movement of said press mechanism to one side of the machine, during a continued upward movement of said mechanism.

1,645,907. CUFF LINK. CHARLES W. HEASLEY, Pittsburgh, Pa. Filed Apr. 5, 1927. Serial No. 181,049. 5 Claims. (Cl. 24-102.)



1. In a cuff-link, a pair of cuff-buttons; a flexible member for connecting same, and winding means positioned diametrically in each button for varying the effective length of said flexible member; said winding means comprising an axle rotatably mounted in said button; a roller member surrounding said axle and a coil-spring positioned between said axle and roller; means for securing one end of said spring to said axle and the other end to said roller, and means for securing said flexible member to the roller.

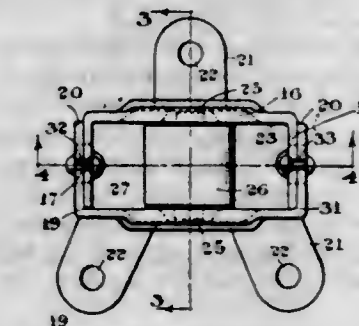
1,645,908. INVALID-BED ELEVATOR. ELLIOTT H. HUTCHINS, Baltimore, Md. Filed May 6, 1926. Serial No. 107,268. 1 Claim. (Cl. 5-827.)



In a fracture bed, side rails, flat plates supported by the rails on each side of the bed and extending inwardly thereof, a mattress supporting means extending between

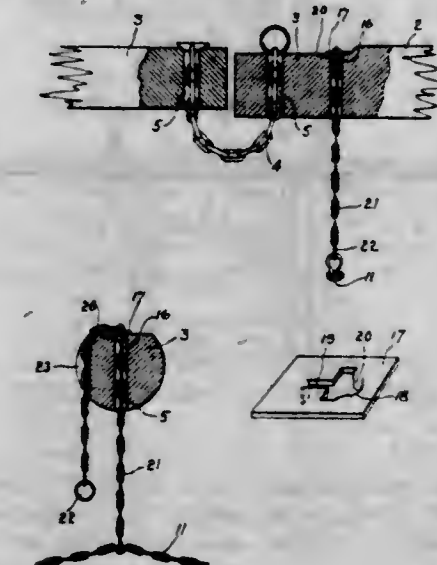
and connected to the plates, a central opening in the mattress supporting means extending from one side plate to the other, a vertically movable plate in the central opening and substantially coextensive therewith, and means for elevating the vertically movable plate above the level of the opening.

1,645,909. SIDE BEARING FOR RAILWAY CARS. ERNEST G. JACKSON, Montreal, Quebec, Canada. Filed June 8, 1925. Serial No. 35,820. 2 Claims. (Cl. 308-226.)



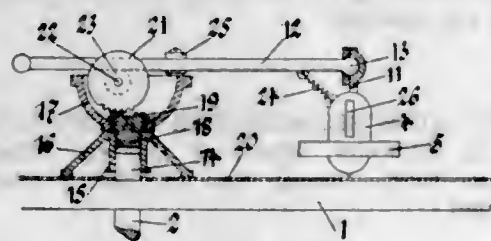
2. As a new article of manufacture, a boxing for side bearings of the character described, comprising two sheet metal blanks formed with right angularly extending end portions and assembled in box formation with the end portions of one blank disposed in lapping engagement with the corresponding portions of the other blank and secured thereto to form the ends of a box, the sides of which are formed by the opposing main body portions of the blanks, the main body portion of each blank being formed with a depression shaped to provide a track for the conventional bearing roller.

1,645,910. STANDING BOOM. ROLAND JOHNSTON, Vancouver, British Columbia, Canada. Filed Aug. 25, 1926. Serial No. 181,513. 6 Claims. (Cl. 9-15.)



6. In a standing boom comprising a plurality of parallel floatable members spaced apart and between which saw logs are adapted to be boomed, which floatable members are apertured, means connecting the members comprising underwater lines suspended from chains extending downwards through the apertures in the members, an apertured plate overlying the aperture of each of the members through which a chain may freely pass, the aperture in said plate having a slot somewhat greater in width than the chain material and in which a link is adapted to be set to hold the chain against endwise movement.

1,645,911. DEVICE FOR RECORDING AND REPRODUCING SOUND. ERWIN KRAMER, Berlin, Germany. Filed May 1, 1924, Serial No. 710,295, and in Germany May 3, 1923. 4 Claims. (Cl. 238-13.)



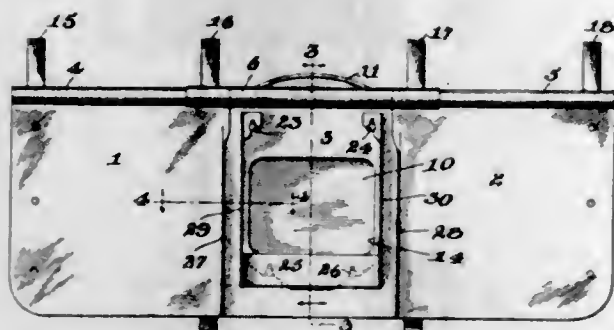
1. In a sound recording and reproducing device, a rotatable shaft, a record carrier mounted on said shaft, a movable tone arm, a sound box provided on said tone arm, a vertical pivot pin carrying said tone arm, a rod pivotally connected to said tone arm, a horizontal worm arranged to rotate with said shaft, a worm-wheel in mesh with said worm, a horizontal shaft carrying said worm-wheel and means secured to said worm-wheel adapted to engage said rod for moving the same lengthwise.

1,645,912. SMALL-BATCH-MIXING APPARATUS. HENRY LEVY, Brooklyn, N. Y. Filed Apr. 28, 1925. Serial No. 26,345. 7 Claims. (Cl. 259-121.)



7. A dental mixing device embodying a mandrel, and a container, a threaded connection between the same, an agitator within the container, and a shaft extended through the mandrel and socket and detachably connected with the agitator.

1,645,913. DAM AND HEADGATE. DAVID C. MCCANDLESS, Boise, Idaho. Filed June 5, 1926. Serial No. 113,969. 4 Claims. (Cl. 61-29.)

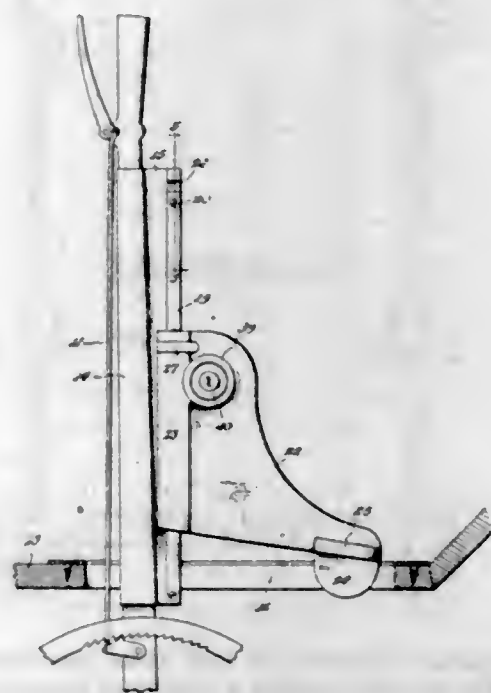


1. A dam and headgate construction, consisting of a plurality of sections adjustably and telescopically arranged in relationship to each other, one of the sections being provided with an opening, a headgate for adjusting a flow of water through the opening, the means for adjusting the dam sections consisting of telescopic tubular members arranged along the upper edges of the sections thereby enabling the sections to be collapsed to any desired width.

1,645,914. LOCKING DEVICE FOR MOTOR VEHICLES. JOHN EARL MCLIMON, Washington, Kans. Filed May 19, 1926. Serial No. 110,199. 8 Claims. (Cl. 70-128.)

2. A locking device including in combination with a lever, a sleeve on the lever, a stationary part adjacent the lever and provided with a slot freely receiving the lever

therethrough, means slidably mounted upon the sleeve and movable to active position lying between the lever and said part coacting with said part for locking the lever

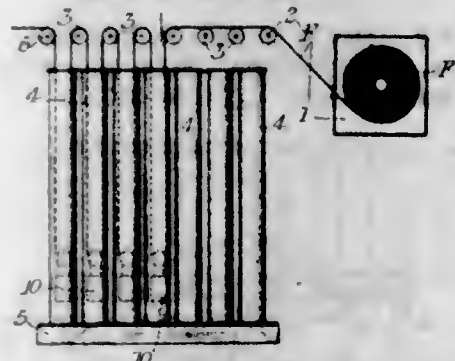


against movement, said means being provided with a portion extending into said slot for limiting said means against movement with respect to the lever.

1,645,915. PROCESS OF MAKING CELLULOSE ESTERS OF ORGANIC ACIDS. CARL J. MALM, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a Corporation of New York. Filed Sept. 23, 1926. Serial No. 137,385. 4 Claims. (Cl. 260-101.)

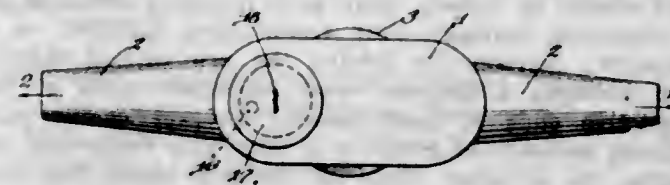
1. The process of making cellulose esters of organic acids which includes the step of treating cellulosic material with an acylating agent and catalyzing the reaction with $M(ClO_n)_a$, where M is the positive ion and is less positive than sodium and potassium in the electro potential scale and n is the valence of M.

1,645,916. FILM-LOOPING DEVICE FOR MOTION-PICTURE-PROCESSING MACHINES. WALTER D. MARSHALL, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a Corporation of New York. Filed Jan. 31, 1925. Serial No. 6,141. 5 Claims. (Cl. 16-219.)



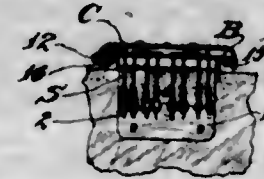
1. In a film looping device, the combination with a base, of arms extending up from the base including grooves on the insides thereof, a shaft adapted to slide in the grooves and to be supported therein, there being an aperture in one arm leading to a groove, whereby the shaft may be removed from the grooves axially through the aperture.

1,645,917. LOCK. ALEXANDER MASZCZYK, Chicago, Ill. Filed Oct. 3, 1924. Serial No. 741,445. 2 Claims. (Cl. 70-14.)



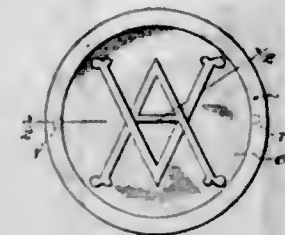
1. A locking device including a body portion having a transverse bore provided with a reduced inner end, a locking drum arranged within the bore with its inner end rotatably mounted in the reduced end, a retaining collar threaded into the bore and embracing the outer end of the drum, an annular enlarged portion on the drum at the inner end of the main bore having cylindrical recesses at predetermined positions in the periphery of the enlarged portion and a locking bolt adapted to be projected into any of said recesses for retaining said drum in place against movement.

1,645,918. PICK CONTAINER. ADOLPH MIELE, Pittsburgh, Pa. Filed Aug. 15, 1925. Serial No. 50,408. 7 Claims. (Cl. 84-329.)



1. A pick-container for a stringed musical instrument having a tail-piece, said container comprising a box-like base and a cover hingedly mounted thereon, and means for securing said base directly to the tail piece of said instrument.

1,645,919. DEVICE FOR HOLDING MONOGRAM PLATES. ROBERT E. MILLER, Ridgely Park, N. J. Filed Apr. 23, 1927. Serial No. 188,050. 3 Claims. (Cl. 40-10.)



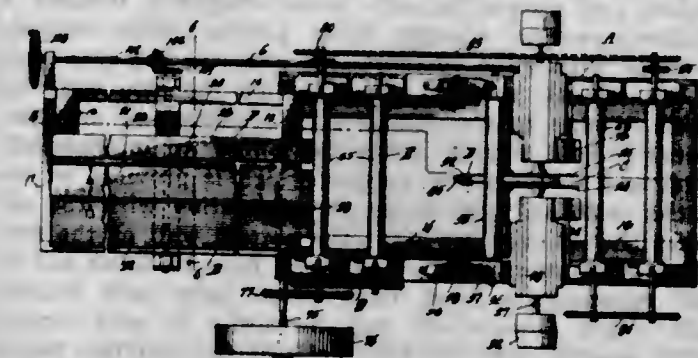
1. A device of the class described comprising a ring, a flange carried by the ring and having notches therein, a monogram bearing plate having ears for engagement in the notches, and a locking rim engaged with said flange for maintaining the ears within said notches.

1,645,920. STAVE-JOINTING MACHINE. ROY MILLS, Clarksville, Tenn. Filed Nov. 12, 1923. Serial No. 674,347. 2 Claims. (Cl. 147-28.)

1. In a stave forming machine, a frame, and a pair of angularly related circular saws, blocks pivotally secured to the frame for supporting the saws, bell crank levers pivoted at their angles to the frame, means pivotally connecting the upper ends of the bell crank levers to the means for supporting the saws, a transverse feed screw having right and left-hand threads formed thereon, traveling nuts mounted upon the right and left-hand threads, means connecting the lower ends of the bell crank levers to the nuts, a table for initially receiving the stave stock secured to the frame including a pair of sliding table boards, a gage plate carried by one table board normally in alignment with one saw blade and an indicating finger carried by the other table board normally

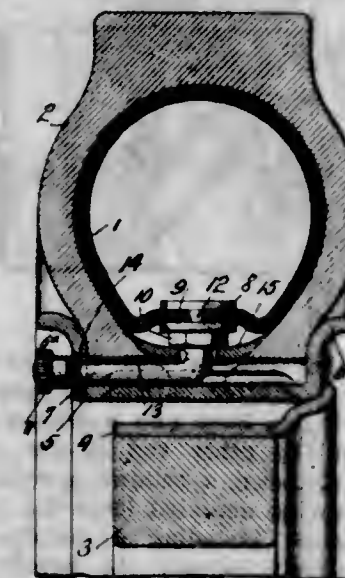
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in alignment with the other saw blade, a second feed screw having right and left-hand threads formed thereon, traveling nuts mounted upon the right and left-hand threads of the second mentioned feed screw, arms rigidly



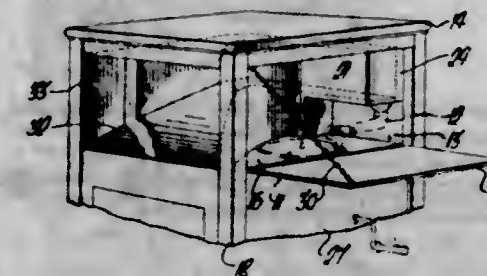
connecting the boards with the last mentioned nuts, an operating shaft rotatably carried by the frame, and a hand-wheel carried by one end of the shaft, and beveled gearing operatively connecting the shaft to both of said feed screws, as and for the purpose specified.

1,645,921. INTERLOCK FOR PNEUMATIC-TIRE CASINGS, INNER TUBES, AND WHEEL RIMS. WILLIAM J. P. MOORE, New York, N. Y. Filed Apr. 9, 1924. Serial No. 705,303. 8 Claims. (Cl. 152-20.)



1. A wheel rim having transverse embossings or ribs for supporting between them the valve device of the inner tube of a pneumatic tire and for engaging a recess in the periphery of a recessed casing to prevent the casing from creeping on the rim.

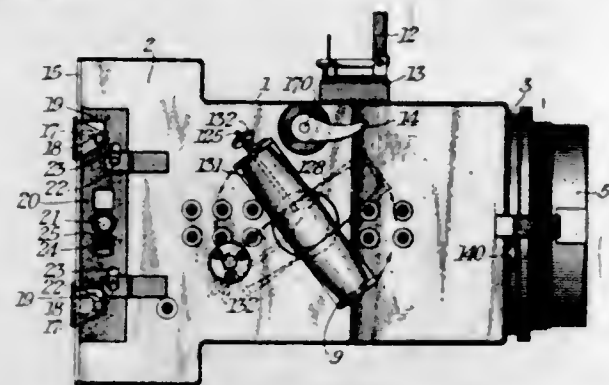
1,645,922. SOUND-REPRODUCING MACHINE. JOHN ROBERT O'BRIEN, North Melbourne, and WILFRED REVELL, Melbourne, Victoria, Australia, assignors to Edmund George Barker and George Albert Rawson, trading in Partnership as Barker & Rawson, Melbourne, Australia. Filed Mar. 24, 1926, Serial No. 97,028, and in Australia May 22, 1925. 3 Claims. (Cl. 274-2.)



1. A sound-reproducing machine, comprising a cabinet having within it an amplifier compartment and a record carrier and tone arm compartment, said cabinet embody-

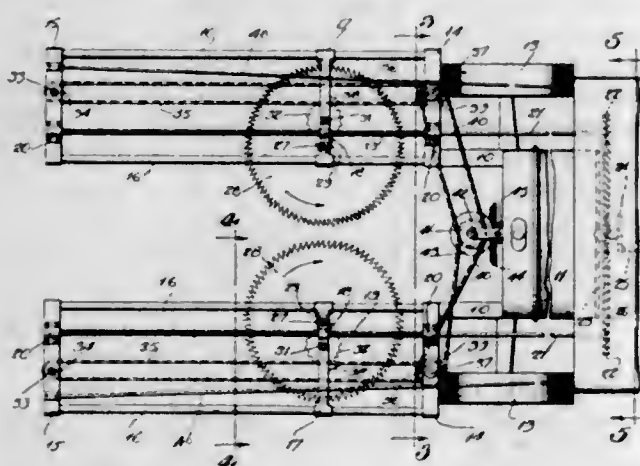
ing connected front, rear, side and top walls, the first of which is provided with a sound-outlet opening; a tone arm in the second compartment; and an amplifier unit mounted in the first compartment and embodying top, bottom and upstanding side walls conjointly forming a relatively-narrow, straight inner portion which extends laterally within the compartment adjacent the rear wall of the cabinet, a flared outer portion the side walls of which diverge to the sound-outlet opening and are connected to said straight inner portion by an intermediate bend, and an inner end portion which is provided at its bottom with an inlet orifice for connection with the delivery end of the tone arm; the bottom wall of the amplifier being substantially horizontal from its inner end to said intermediate bend, from which point said bottom wall slopes downwardly and forwardly to said sound-outlet opening, and the side walls of the amplifier being of progressively-increasing height from the intermediate bend to the sound-outlet opening.

1,645,923. AVIATION CAMERA. GEORGE H. OHLAU, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a Corporation of New York. Filed Jan. 8, 1924. Serial No. 685,054. 21 Claims. (Cl. 95-34.)



1. In an aviation camera, the combination with a camera body, of a shutter carried by one end of the body having a tripping lever and a setting lever, a roll holder carried in the other end of the camera body including an air chamber, a bellows associated with the chamber, and a spring actuated lever for operating the bellows, and means, including a handle, mechanism adapted to operatively connect the handle to the roll holder, and mechanism attached to the handle adapted to co-operate with the shutter setting lever for setting the shutter lever and tensioning the bellows spring.

1,645,924. TREE-FELLING SAW. ANTHONY PALMI-GIANO, Jr., Brooklyn, N. Y. Filed Dec. 16, 1926. Serial No. 155,255. 6 Claims. (Cl. 143-47.)



4. A tree felling device including a pair of spaced frames adapted to be carried on a truck, a pair of carriages each mounted on a respective frame for forward

and backward movement on the frame, nuts each carried by a respective carriage, feed screws journaled on said frames and passing through said nuts, means to drive said screws in unison, saws each revolvably mounted on a respective carriage, gear trains each mounted on a respective carriage for driving the saw carried thereby and including a sprocket wheel, sprocket idlers at the respective ends of said frames, sprocket chains each running around the idlers of a respective frame and engaging the sprocket wheel of the gear train, the rear idler of each frame having a shaft on which it is fixedly mounted, a second sprocket on each of said shafts, a driving shaft, a pair of sprockets fixed on said driving shaft, sprocket chains operatively connecting the pair of sprockets with the second sprockets on the shafts, and means to drive the driving shaft.

1,645,925. PRODUCTION OF FAST DYEINGS. FRITZ PETERHAUSER, Riehen, near Basel, Switzerland, assignor to the Firm Durand & Huguenin S. A., Basel, Switzerland. Filed Mar. 12, 1925. Serial No. 15,136. and in Germany Mar. 20, 1924. 2 Claims. (Cl. 8-5.)

1. A process for producing fast dyeings by means of ester salts of vat-dyestuffs resulting from their leuco-compound polybasic acid esters, consisting in adding to the dye bath a solubility lessening salt capable of increasing the absorption power of the fibre for the vat dyestuff ester salts, for the purpose of producing deeper dyeings.

1,645,926. BRUSHING APPARATUS FOR WASHING THE HUMAN BODY. JOSEPH PFEUFER, Dudelingen, near Luxemburg, Germany. Filed Aug. 24, 1925. Serial No. 52,092. 2 Claims. (Cl. 4-184.)



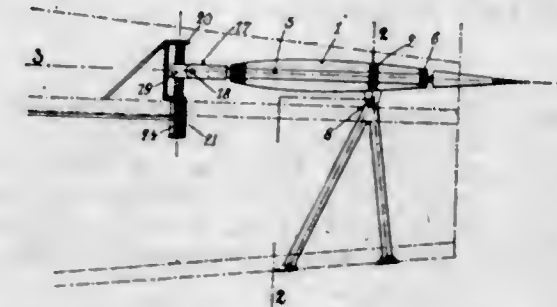
1. A brushing apparatus for washing the human body comprising in combination an upright consisting of a U-bar, a guide piece movably mounted on said upright, rollers on said guide piece rolling on said U-bar, a brush elastically mounted on the inner surface of said guide piece, a counterweight, a string connecting said counterweight with said guide piece, and rollers over which said string is guided.

1,645,927. CHROMIUM PLATING. HARRIE C. PIERCE, Indianapolis, Ind., assignor to Metals Protection Corporation, Indianapolis, Ind., a Corporation of Indiana. Filed Mar. 5, 1926. Serial No. 92,615. 4 Claims. (Cl. 204-1.)

4. A process of plating a metal article with chromium in an electrolyte containing chromic acid, which consists in directing an electric current first through the article as an anode and then through the electrolyte to an electrode contacting with the electrolyte, and then reversing

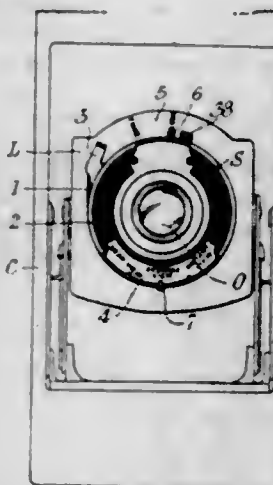
the current flow so that it passes through said electrode and then through the electrolyte and the article to be plated, said article thus being made the cathode in the bath.

1,645,928. AEROPLANE FIN. HENRY CHARLES ALEX-ANDRE POTEZ, Levallois-Perret, France. Filed Feb. 26, 1926. Serial No. 90,978, and in France Mar. 6, 1925. 5 Claims. (Cl. 244-29.)



1. In combination with an aeroplane fin or rudder comprising a main axial control bar the front part of which is adapted to be moved vertically in either direction, a number of transverse bars, one of them being rockingly mounted on the aeroplane body, and secured to said axial control bar, a double support mounted on the aeroplane body, a screw loosely mounted on said support and adapted to operatively rotate about its own axis, a sliding member adapted to cooperate with the front part of said main axial control bar, a nut rockingly secured to said sliding member and adapted to operatively engage said screw and means under the pilot's control for rotating said screw.

1,645,929. PHOTOGRAPHIC SHUTTER. WILLIAM A. RIDDLELL, Rochester, N. Y., assignor to Eastman Kodak Company, Rochester, N. Y., a Corporation of New York. Filed Oct. 27, 1924. Serial No. 746,200. 26 Claims. (Cl. 95-63.)

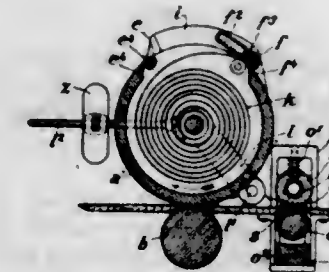


1. In a photographic shutter, the combination with mechanism adapted to produce a plurality of mechanically and manually timed exposures, of a setting member adapted to be moved to adjust the mechanism for the variously timed exposures, means for moving said member for said adjustment, and a controlling connection between said mechanism and means actuated by said mechanism.

1,645,930. PROCESS FOR MULTIPLYING RECORDS. WILHELM RITZSAPFELD, Berlin-Charlottenburg, Germany. Filed Mar. 25, 1925. Serial No. 18,265, and in Germany Apr. 2, 1924. 2 Claims. (Cl. 101-180.)

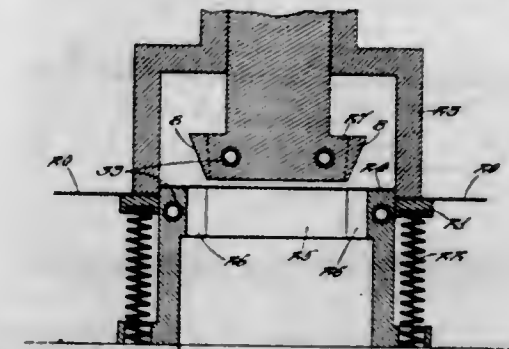
1. The herein described process of multiplying copies consisting in placing an original paper sheet on a transfer sheet provided with a printing ink medium, making the original of the desired copies on the obverse of the original paper sheet to thereby cause a reverse duplicate

to be formed by said transfer sheet on the reverse side of said original sheet; placing an unprinted sheet on said reverse side of said original sheet and subjecting



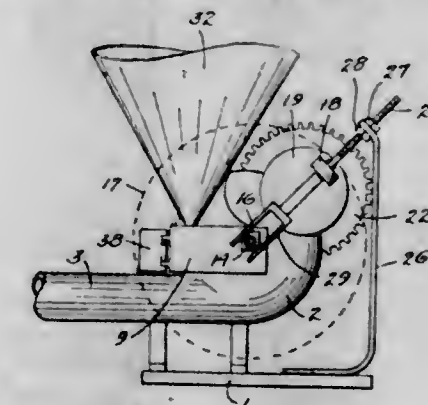
such sheets to pressure to cause the copy on the reverse side of the original sheet to be transferred to the duplicate sheet.

1,645,931. METHOD AND APPARATUS FOR MAKING PAPER PLATES AND THE LIKE. HARRY E. RUCKERT and BERNARD M. FINE, Philadelphia, Pa., assignors, by means assignments, to Sanitary Products Corporation of America, Philadelphia, Pa., a Corporation of Virginia. Filed Jan. 12, 1925. Serial No. 1,785. 4 Claims. (Cl. 93-60.)



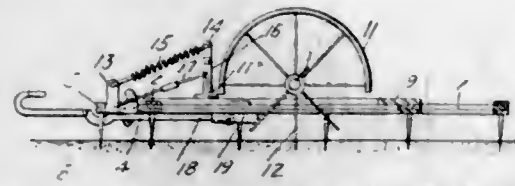
1. An apparatus for making articles from sheet material comprising cooperating relatively movable members having means for folding upwardly the marginal portion of a blank, and also having means for gradually folding during the relative movement of said members intermediate parts of said upturned marginal portions and compressing a part only of each fold.

1,645,932. COAL-DUST-FEED MECHANISM. ELMER S. SALTARDS, Moline, Ill. Filed Nov. 12, 1925. Serial No. 68,551. 3 Claims. (Cl. 302-37.)



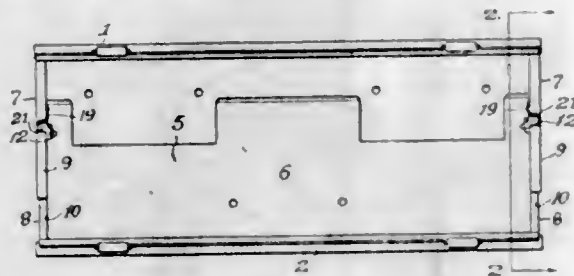
1. In a device of the class described, a rotary fan and drive-shaft therefor, a casing connected with said fan and opening directly into the same, a support in said casing having a restricted vent in proximity to such opening, a hopper provided with a plate adapted to rest on said support, said plate and support having a common channel, into which said hopper opens, a continuous chain mechanism operating in said channel, and means for driving said chain at a reduced rate of speed.

1,645,933. WEEDING ATTACHMENT FOR LAND HARROWS. JACOB SANDHOF, Saskatoon, Saskatchewan, Canada. Filed Aug. 16, 1926. Serial No. 129,517. 4 Claims. (Cl. 55-34.)



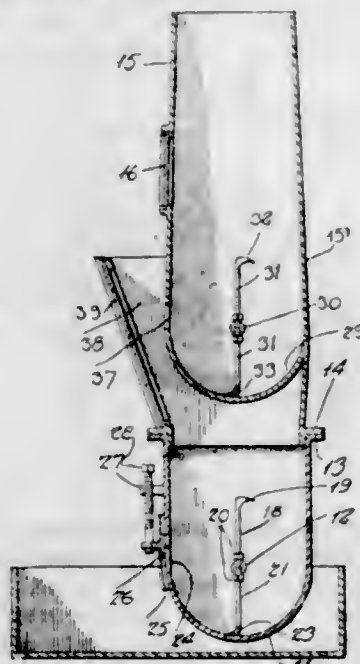
1. The combination with the harrow section, of a toothed bar extending transversely across and yieldingly pivoted on the front of the harrow and thereby rockably supported for automatically releasing weeds when overloaded, means normally locked for tilting first the front and then the rear of the harrow to permit of the passage of weeds freed from the tooth bar beneath the harrow section, and means operated by the rearward swing of the tooth bar for releasing such locked means.

1,645,934. LOCKING DEVICE FOR TELESCOPING ELEMENTS. JOHN SCHADE, Holyoke, Mass., assignor to National Blank Book Company, Holyoke, Mass., a Voluntary Trust Association of Copartnership having as trustees F. B. Towne, E. S. Towne, J. M. Towne, and F. W. Wilson. Filed Feb. 3, 1927. Serial No. 165,548. 3 Claims. (Cl. 129-13.)



1. The herein described means for locking together flat telescoping elements, comprising a locking member pivoted to the inner of said elements and having a gate within which the outer element extends and capable of being swung into locking engagement with the latter and also into unlocking position free of said outer element, and spring means for maintaining both positions of said member.

1,645,935. POWDER DISPENSER. IVER P. SCHEL, Fergus Falls, Minn. Filed Mar. 9, 1927. Serial No. 174,030. 12 Claims. (Cl. 221-146.)

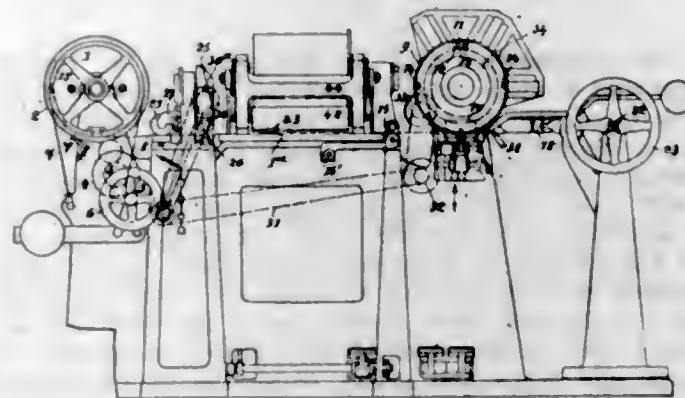


1. In a powder dispenser, a casing having a delivery opening, a shaft extending transversely of the casing, means to rotate said shaft, stirrer and feeder blades

carried by the shaft, and means to adjust said blades to and from the shaft.

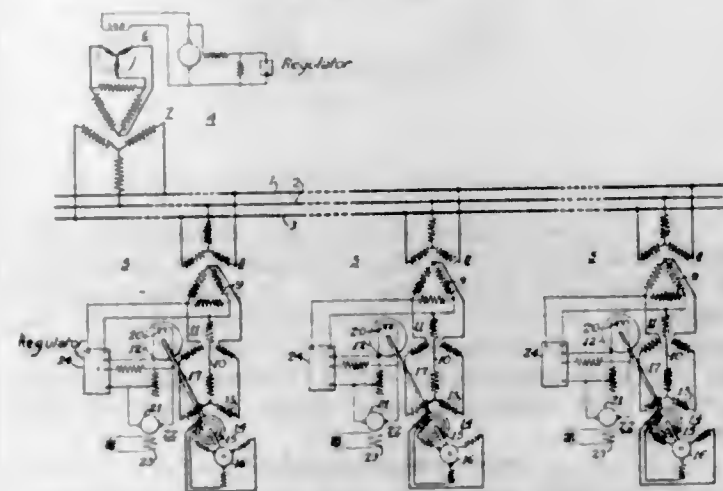
8. In a powder dispensing device, a casing having a V-shaped delivery opening, a gate for regulating the size of the opening, a shaft extending transversely of the casing, means to rotate said shaft, stirrer and feeder blades, one of said blades extending substantially across the casing and the other blade being positioned with reference to the shaft diametrically opposite the first blade and being relatively short, said second blade being about the same width as said opening.

1,645,936. METHOD OF AND APPARATUS FOR PRODUCING CYLINDRICAL FORMATIONS OR HOLLOW BODIES FROM VENEER OR THIN SHEET WOOD. GEORG SCHLESINGER, Berlin-Charlottenburg, Germany. Filed Oct. 25, 1926, Serial No. 144,120, and in Germany Dec. 24, 1923. 19 Claims. (Cl. 144-268.)



1. The herein described method of making cylindrical formations or hollow bodies from veneer or thin sheet wood, which consists in feeding a band of veneer or thin wooden band composed of overlapping strips joined together with the fibres or grain running longitudinally under tension while feeding strips or band with the fibres or grain running cross-wise of the first-mentioned band, and winding the two bands together so as to produce multiply formations with the fibres or grain of adjacent layers crossing or intersecting one another.

1,645,937. TRANSMISSION SYSTEM. JOSEPH SLEPIAN, Wilkensburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Mar. 17, 1924. Serial No. 699,635. 10 Claims. (Cl. 172-237.)

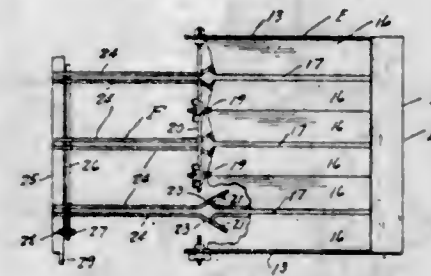


1. A system of power transmission comprising a transmission line, a source of energy connected thereto, a synchronous condenser connected to the line at a point remote from said source, and inherently responsive means for compensating for the synchronous reactance of said condenser to increase the stability of the system.

2. A system of power transmission comprising a transmission line, a source of energy connected thereto, a

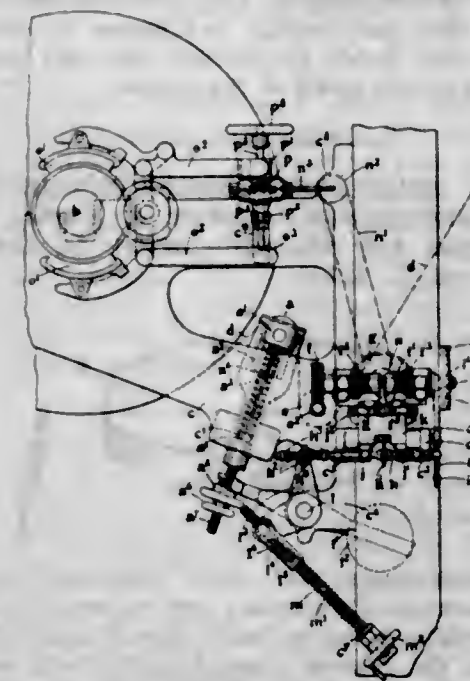
synchronous condenser connected to the line at a point remote from said source, and means connected in series relation with the phase windings of said condenser to materially reduce the synchronous reactance thereof.

1,645,938. NAIL STRIPPER. CHARLES F. SMITH, Los Angeles, Calif. Filed Apr. 15, 1926. Serial No. 102,353. 1 Claim. (Cl. 1-49.7.)



In a nail stripper, a chute, a nail track leading from said chute and provided with a downwardly and rearwardly extending offset portion intermediate its ends and comprising a pair of spaced apart runners, and outwardly bowed portions on said runners at said offset portion of the track to permit nails to be withdrawn from the track.

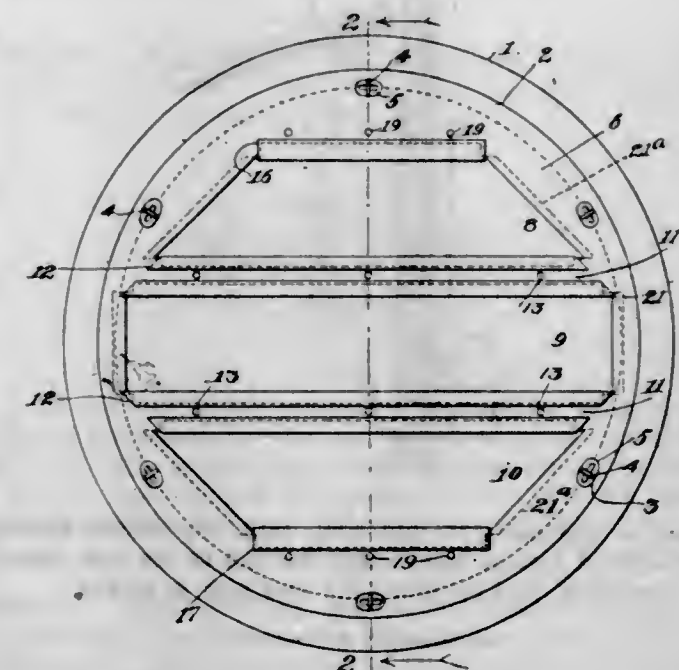
1,645,939. PRINTING MACHINE. EDGAR WILTON SMITH, Edingburgh, Scotland, assignor to R. W. Crabtree & Sons, Limited, Leeds, England. Filed Oct. 23, 1926, Serial No. 143,723, and in Great Britain Sept. 26, 1925. 5 Claims. (Cl. 242-75.)



1. In a device for regulating and maintaining substantially constant the tension of webs in printing presses, the combination of a web reel brake, adjusting means for said brake, and automatic control means for said brake adjusting means comprising, a continuously operated drive shaft, differential gear elements operatively connected to said brake adjusting means, a shiftable clutch for operatively connecting said differential gear elements with said drive shaft, spring pressed means mounted to move in response to variations in the tension of the web, and a clutch shifting selector mechanism

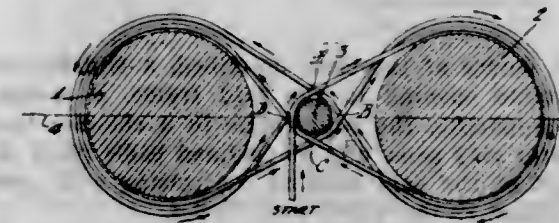
positively and continuously actuated with said drive shaft and operatively connected to said spring pressed means to shift said selector mechanism to operate said clutch in response to variations in web tension.

1,645,940. SPARE-TIRE ADVERTISING SIGN. ROY ARTHUR TAMEL, Sacramento, Calif. Filed Feb. 1, 1927. Serial No. 165,087. 2 Claims. (Cl. 40-129.)



1. In a device of the class described, the combination of a spare tire cover provided with fastening devices all around one side thereof, a detachable sign mounted on said fastening devices, and said sign provided with ring-like reinforcing means near said fastening devices.

1,645,941. RADIO TUNING INDUCTANCE. RALPH T. WILLIAMS, Chicago, Ill., assignor to Bodine Electric Company, Chicago, Ill., a Corporation of Illinois. Filed Oct. 6, 1926. Serial No. 139,905. 13 Claims. (Cl. 175-359.)

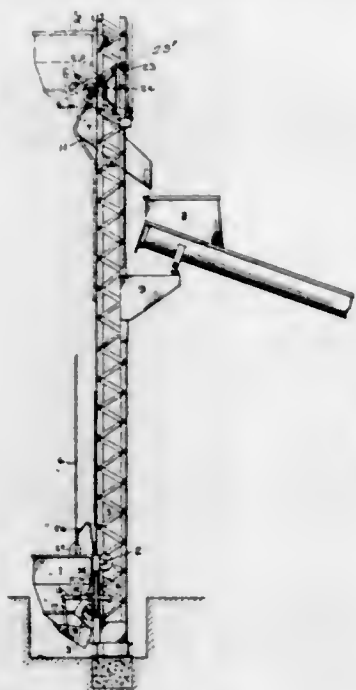


1. An inductance formed of a continuous wire wound to form two parallel tube portions of relatively reversed polarity connected by two intersecting pairs of crossed wire portions, the winding being such that the said crossed wire portions form an intermediate tube having its axis extending parallel to the axes of the aforesaid tube portions.

1,645,942. APPARATUS FOR ELEVATING AND DISTRIBUTING MATERIAL. JAMES E. BUSHNELL, North Plainfield, N. J., assignor to Ransome Concrete Machinery Company, Plainfield, N. J., a Corporation of New Jersey. Filed Mar. 13, 1925. Serial No. 15,211. 12 Claims. (Cl. 214-119.)

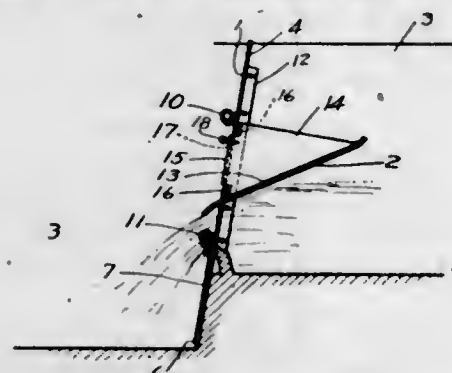
1. In a hoisting apparatus a mast, a bucket mounted to travel up and down said mast, a door mounted to

swing upwardly to open position for opening said bucket, an arm carried by said bucket and connected with said door to open the same, and a trip device secured to the



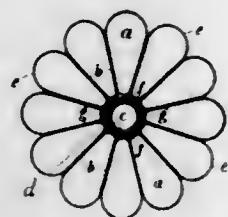
mast in the path of said arm, said trip device having an inclined surface over which the end of the arm passes in ascending, and by which the said arm is moved.

1,645,943. AUTOMATIC REGULATING GATE. CHESTER W. CHEATHAM, Seattle, Wash., assignor of one-half to J. N. Nissen, Seattle, Wash. Filed June 1, 1925. Serial No. 33,926. 4 Claims. (Cl. 61-23.)



1. In a device of the class described, a slidable frame, an adjustable opening in the said frame, a means for slidably supporting the said frame in a channel through which water may pass, and an inclined baffle plate in the upper part of the said opening for raising and lowering the said frame as the water level varies.

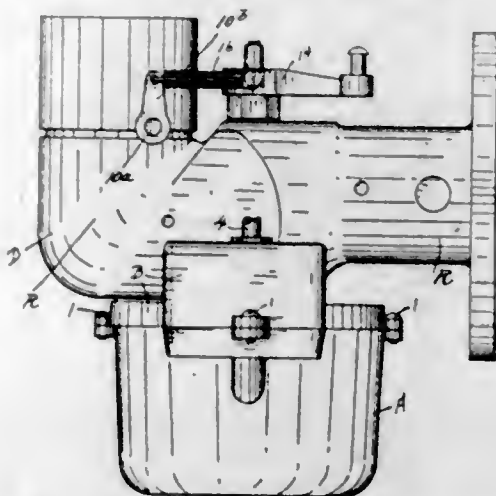
1,645,944. SHELL-SHAPED BODY SUITABLE FOR THE ALLOWANCE OF HIGH-PRESSURE STRESSES. HERMANN DEBOR, Munich, Germany. Filed Jan. 21, 1927, Serial No. 162,664, and in Germany Dec. 4, 1923. 5 Claims. (Cl. 220-3.)



1. Shell-shaped body for matter as for instance air, gases, steam and so forth under high stresses or stresses

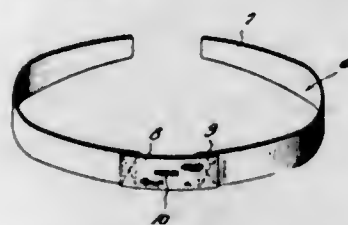
to be raised, consisting of a multiple number of chambers, each being sector shaped in cross section and arranged radially and means preventing radial displacements.

1,645,945. CARBURETOR. ARTHUR DICKERSON, Salt Lake City, Utah, assignor to Dickerson Carburetor Company, a Corporation of Utah. Filed Jan. 6, 1925. Serial No. 895. 2 Claims. (Cl. 261-121.)



1. A carburetor comprising a float chamber, a cover plate therefor having two air ports therein of different sizes; a mixing bowl provided in said plate below said air ports; a feed conduit connecting said float chamber and the interior of said mixing bowl; a valve casing secured in the bottom of said mixing bowl, having an exit port near the bottom of said mixing bowl, and other spaced apart exit ports in its side wall; a valve stem operable in said valve casing to open and close the first mentioned exit port, and having its medial portion spaced from said valve casing to form a passage therewith; an air conduit opening into the upper end of the said passage, and a fuel conduit opening into its lower end to allow passage of fuel therethrough and means to control the amount of fuel drawn up through said exit ports commensurate with the speed of the engine.

1,645,946. STIFFENING REINFORCEMENT FOR SHIRT NECKBANDS. JOSEPH A. CURREA, Boston, Mass. Filed July 22, 1926. Serial No. 124,227. 4 Claims. (Cl. 2-127.)

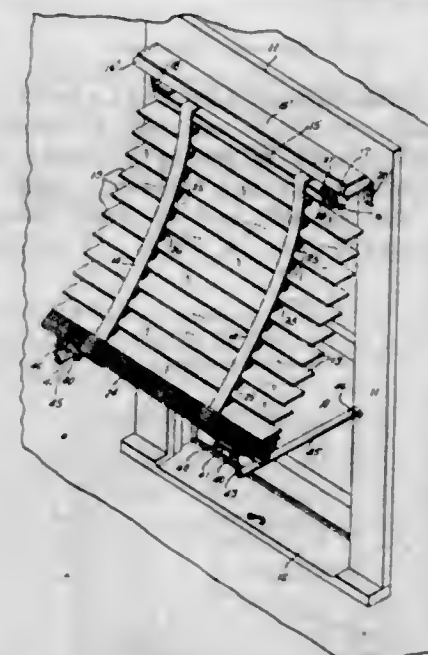


1. A reinforcement for shirt neckbands comprising strip-like members of relatively stiff material for insertion into the neckband and normally curved longitudinally to conform to the contour thereof, and means connecting the members for movement relative to each other and adapted to carry a collar-engaging member.

1,645,947. BLIND OR AWNING CONSTRUCTION. WALTER E. DUNCANSON, New York, N. Y., assignor to The J. G. Wilson Corporation, New York, N. Y., a Corporation of Virginia. Filed Sept. 14, 1925. Serial No. 56,109. 1 Claim. (Cl. 156-17.)

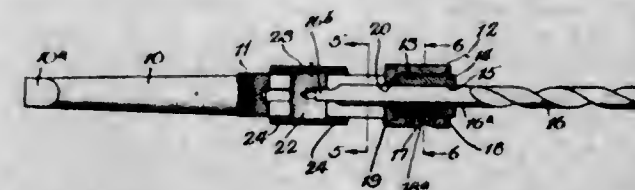
In a blind and awning construction comprising a series of parallel slats, means for supporting said slats adjacent a door or window opening, and means for raising and lowering the blind, a swinging support for the lower end of the blind made up of two or more parts telescopically

connected and a stop to limit the telescoping movement of said parts so that in raising or lowering the blind, the blind is first moved substantially parallel with the win-



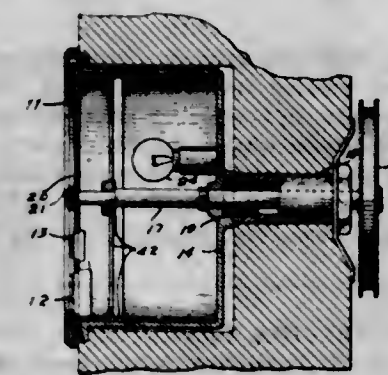
dow, is then swung out into an inclined position, and then inwardly toward the window, and is again moved vertically substantially parallel with the window.

1,645,948. DRILL HOLDER. ROBERT M. GALLOWAY, WILLIAM F. BOCKHOFF, and JOHN M. MELOY, Richmond, Ind., assignors to The National Automatic Tool Co., Richmond, Ind., a Corporation of Indiana. Filed May 29, 1922. Serial No. 564,299. 4 Claims. (Cl. 279-83.)



2. A drill-holder comprising a hollow body member adapted to receive a drill; a combined drill rotating and backing block translatable mounted in said body member and having a portion projecting outwardly therefrom; a drill centralizing collet removably secured in the drill receiving end of said body member; and nuts threaded upon said body member and located at opposite sides of the projecting portion of said block and adapted to adjust said block axially of said body member and to hold it in its adjusted positions.

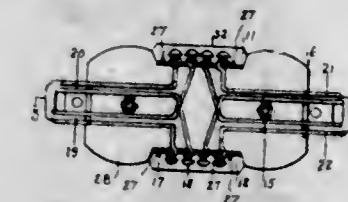
1,645,949. ELEVATOR INDICATOR. RICHARD E. HAAS, East Orange, N. J., assignor to Elevator Supplies Company, Inc., Hoboken, N. J., a Corporation of New Jersey. Filed Nov. 11, 1925. Serial No. 68,330. 2 Claims. (Cl. 116-122.)



2. An elevator indicator having in combination a screen provided with a series of light transmitting portions having characters corresponding to the several floors, a source

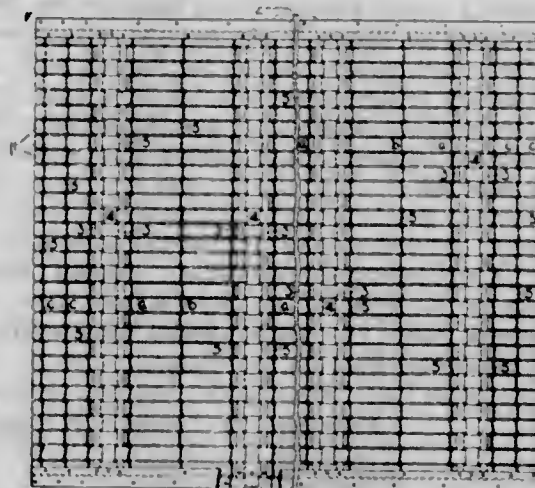
of light located back of said screen, a shutter interposed between said source of light and said screen and having a cutaway portion through which the light may be projected on the screen at the points where said characters are located, means for moving the shutter in synchronism with the elevator to illuminate the numbers in succession to indicate the position and direction of movement of the elevator, said shutter being spaced from the screen to cause a gradual increase and fading away of the illumination of each character as the car approaches the corresponding floor and moves away from said floor.

1,645,950. ELECTRICAL RECEPTACLE. FRANCIS J. HINES, Brooklyn, N. Y. Filed Aug. 13, 1925. Serial No. 49,984. 6 Claims. (Cl. 173-330.)



1. In a device of the character described, an insulating body with recesses opening at the side and at the back and terminal recesses extending through the body and a bus bar plate in each side recess with an attached plug socket extending into one of the terminal recesses.

1,645,951. WOVEN-SLAT SHADE. AZEL C. HOUGH, Janesville, Wis., assignor to Hough Shade Corporation, Janesville, Wis., a Corporation of Connecticut. Filed Apr. 16, 1926. Serial No. 102,451. 11 Claims. (Cl. 139-420.)



1. In a woven-slat shade, a web comprising a plurality of slats, two or more tapes interwoven with said slats next adjacent tapes always alternating with each other on the same side of any given slat, and cords interwoven with said slats adjacent to the outermost edges of said tapes.

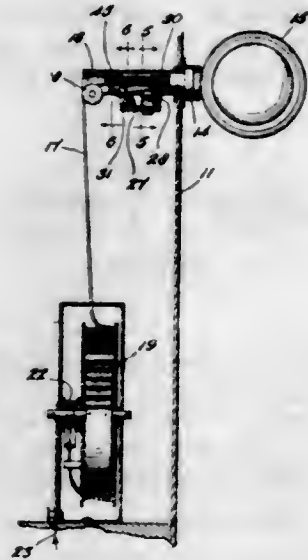
1,645,952. CANDLE PULL SOCKET. HARVEY HUBBELL, Bridgeport, Conn. Filed May 9, 1923. Serial No. 637,643. 8 Claims. (Cl. 173-354.)



1. In a candle socket, an insulating body, contacts carried thereby adapted for connection to conducting wires, a transverse plate secured to the end of the body

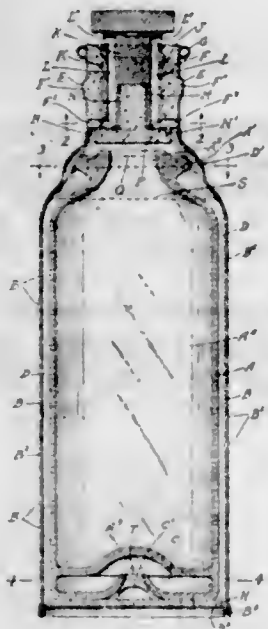
provided with upwardly extending arms, screws carried by said arms and located above the plate, a supporting hickey below the plate provided with spaced upright fingers having means to engage said screws to detachably secure the hickey to the body, and means for securing the hickey to the end of a fixture arm.

1,645,953. TROUBLE LAMP FOR MOTOR VEHICLES. JOHN KARASEVICH, Mount Carmel, Pa. Filed Feb. 18, 1927. Serial No. 169,248. 3 Claims. (Cl. 240-8.18.)



1. A trouble lamp for vehicles comprising a socket adapted to be secured to a vehicle body; a lamp casing having a stem provided with a recess, removably received in said socket; a spring pressed catch having a toe for engaging said notch to normally prevent the withdrawal of said stem from said socket; means for moving said catch against its spring to disengage said toe from said recess; and means carried by said catch moving means for engaging said stem to maintain the parts with said toe in disengaged position.

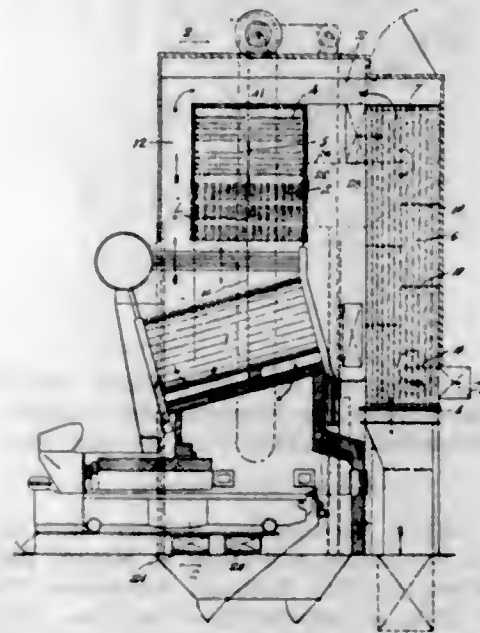
1,645,954. FRAUDPROOF BOTTLE. AARON KEIZER, New York, N. Y., assignor to Tillie Kelzer, New York, N. Y. Filed Sept. 26, 1925. Serial No. 58,772. 3 Claims. (Cl. 215-7.)



1. An article of the character described, comprising a bottle, a trapping chamber located below the bottom thereof, and a casing inclosing the bottle, and spaced therefrom to form a passage between the bottle and cas-

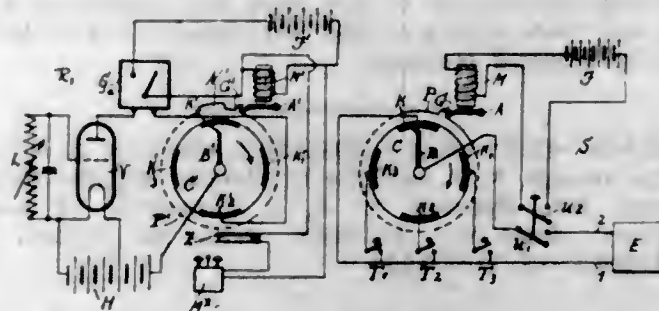
ing which leads to said trapping chamber, said casing having a neck located above the bottle, a cork fixed in said neck, a pour-out carried by the cork and a stopper carried by the pour-out.

1,645,955. STEAM-BOILER INSTALLATION. JAMES KEMNAL, London, England, assignor, by mesne assignments, to The Babcock & Wilcox Company, Bayonne, N. J., a Corporation of New Jersey. Filed Dec. 27, 1917, Serial No. 209,049, and in Great Britain Aug. 17, 1917. Renewed Mar. 8, 1924. 13 Claims. (Cl. 122-478.)



1. The combination with a steam generator, of a superheater and a steam reheater arranged to be contacted with successively by the waste gases, and baffling arranged to direct the gases over a portion of the heating surface of the boiler, thence over a portion of the superheater, thence over a portion of the reheater and thence back in succession over the reheater, superheater and boiler heating surface.

1,645,956. HIGH-FREQUENCY SIGNALING SYSTEM. HANS KAYL, Berlin, Germany. Filed Apr. 14, 1924, Serial No. 706,532, and in Germany Apr. 13, 1923. 9 Claims. (Cl. 170-84.)

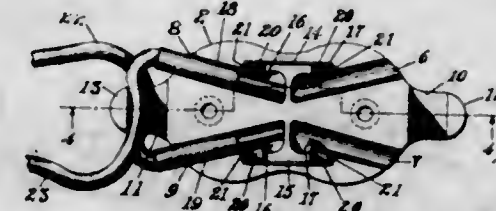


1. In a high-frequency signaling system, a transmitting station having means for transmitting high-frequency energy, a plurality of receiving stations having means for receiving said energy, signaling means operated by said receiving means, and synchronous control devices in each of said stations for selectively calling any one of said stations from said transmitting station.

1,645,957. EXTENSION CONNECTER. PHILIP LAUTER, New York, N. Y., assignor to Polymet Manufacturing Corporation, a Corporation of New York. Filed Aug. 10, 1925. Serial No. 49,224. 4 Claims. (Cl. 173-328.)

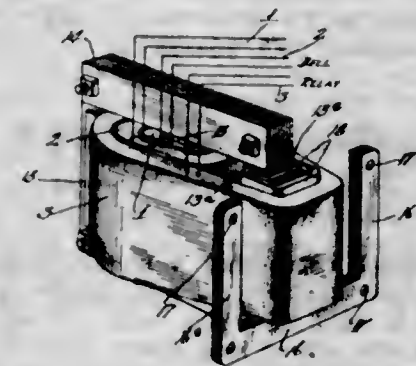
1. In an attachment plug, a pair of insulating plates, each having grooves radiating from the center to the

edge and so arranged that when said plates are superimposed, the grooves of one will coincide with the grooves of the other to form converging cord tip receiving pas-



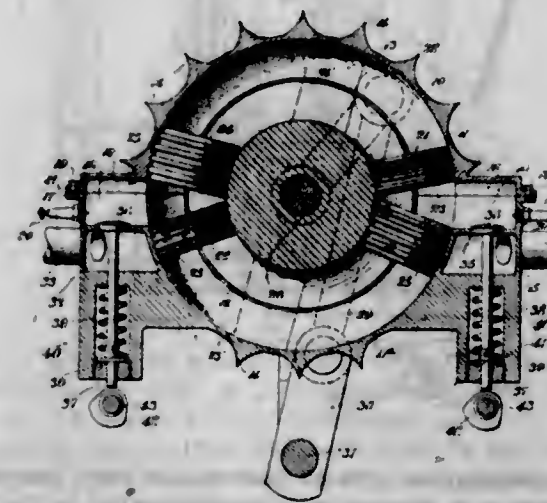
sages, and a partition having T-shaped ends and contact springs clamped around said ends to contact with cord tips positioned in said passages.

1,645,958. TRANSFORMER FOR OPEN AND CLOSED SIGNAL SYSTEMS. WILLIAM F. LEATHER, Chicago, Ill. Filed Oct. 21, 1926. Serial No. 143,077. 9 Claims. (Cl. 175-356.)



1. In a transformer, a main core having three parallel shanks; an auxiliary core also having three parallel shanks, and having its medial shank spaced from, but in magnetizable relation to, one lateral shank of the main core; and coil windings including a main winding extending around the medial shank of the main core inside the lateral shanks of the main core, and a second winding extending around the medial shank of the auxiliary core and between that shank and the lateral shanks of the auxiliary core, the second winding also having a portion extending around the medial shank of the main core between the latter shank and the other lateral shank of that core.

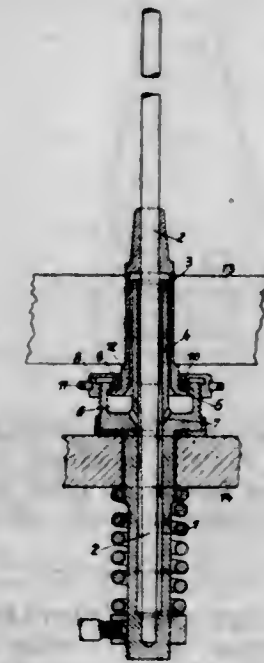
1,645,959. INTERNAL-COMBUSTION ENGINE. WILLIAM V. B. MARQUETTE, New York, N. Y. Filed June 25, 1926. Serial No. 118,423. 4 Claims. (Cl. 123-18.)



1. An internal combustion engine comprising an annular member having a stationary portion and an oscillating portion, said portions being complementary to each other and meeting edge to edge, and a packed connection between said portions where they meet.

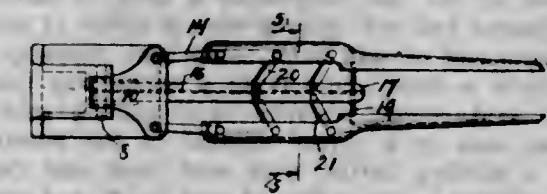
lating portion, said portions being complementary to each other and meeting edge to edge, and a packed connection between said portions where they meet.

1,645,960. SPINNING OR DOUBLING SPINDLE. KARL MEYER-GAUS, Barmen, Germany, assignor to the Firm: American Bemberg Corporation, New York, N. Y. Filed Apr. 6, 1927, Serial No. 181,447, and in Germany Apr. 10, 1926. 2 Claims. (Cl. 118-8.)



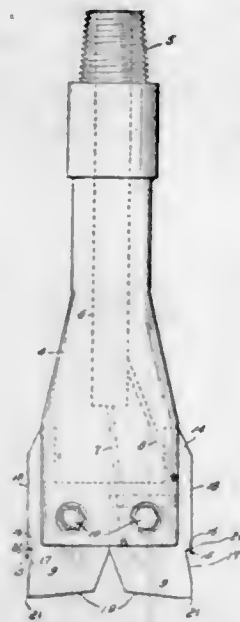
1. A stopping device for spinning doubling or twisting spindles comprising a flange on the spindle, a hollow member surrounding said flange and a cap rotatably and axially movably mounted on said hollow member, the cap being able to be pressed by turning against the flange.

1,645,961. FUR STRETCHER. NATHAN MILLER, Brooklyn, N. Y., assignor to one-half to Hyman Lehman, Brooklyn, N. Y. Filed Feb. 15, 1926. Serial No. 88,383. 7 Claims. (Cl. 140-21.)



7. A stretcher of the class described comprising a support, a pivoted member connected to the support, a pair of side bars tapering toward one end thereof and having links connecting the opposite ends to the pivoted member, a T-shaped spreader bar between the side bars, links connecting the spreader bar with the side bars, resilient means on the spreader between the pivoted member and support, for normally maintaining the side bars in contiguous relation to each other, a transverse pin extending through the opposite end of the spreader and movable in longitudinal slots in the side bars, and means for guiding the spreader in its longitudinal movement to spread the side bars as the pivoted member is depressed.

1,645,962. DRILLING BIT. WILLIAM W. MILLS, Comp-ton, Calif. Filed Sept. 2, 1924. Serial No. 735,413. 2 Claims. (Cl. 255-61.)



1. A drilling bit having a lower cutting end, and cutting sides extending straight upwardly therefrom; said sides having V-notches therein of which the upper edges are substantially perpendicular to the sides.

1,645,963. LOCK CLIP FOR NIPPLES. FRANK S. MOORE, Queens Village, N. Y. Filed July 16, 1926. Serial No. 122,749. 2 Claims. (Cl. 24-19.)

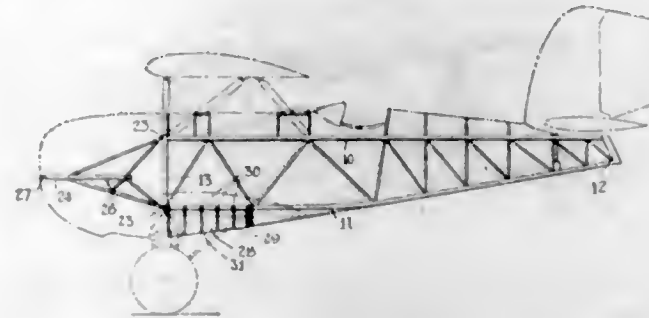


1. A band clip for removably clamping nipples on nursing bottles or the like comprising a band of metal provided adjacent one end thereof with a series of recesses, the opposite end of said band being bent curvedly laterally to form a hook and having a width less than the width of said recess, whereby upon placing said band about the base of a nipple applied to the mouth and neck of a nursing bottle, with said hook end disposed inwardly of the body portion of said band, and positioning said hook end under pressure into one of said recesses, said band serves to lock the base of the nipple to the neck of the nursing bottle.

1,645,964. AIRPLANE FUSELAGE. HARVEY C. MUMFERT, Hammondsport, N. Y., assignor to Aerial Service Corporation, a Corporation of New York. Filed Dec. 17, 1925. Serial No. 75,897. 7 Claims. (Cl. 244-30.)

1. A fuselage for airplanes having a shape in cross-section such that the sides thereof diverge downwardly very appreciably at a point intermediately of its ends, such divergence continuing, rearwardly, tho gradually lessening, until at the extreme rear end of the fuselage

the sides thereof extend substantially vertical and parallel, said fuselage having formed in its top enclosing wall at said intermediate point, a cockpit opening of



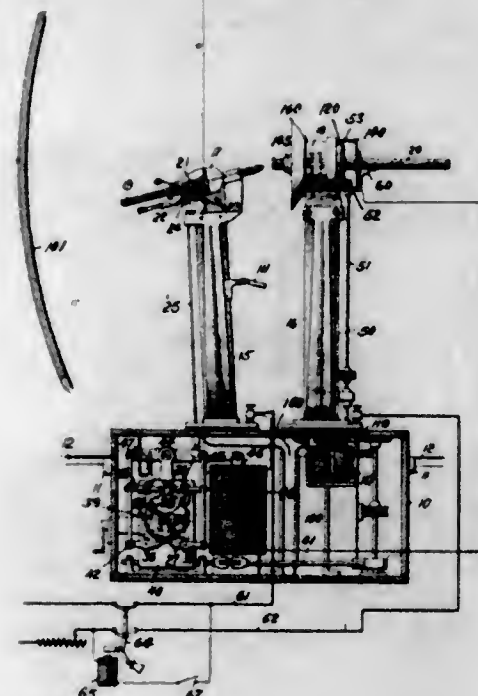
substantially equal transverse dimension to the corresponding dimension of the fuselage at the point where the cockpit is formed.

1,645,965. TOOTHBRUSH. GERTRUDE NEUMERKEL, Mount Vernon, N. Y. Filed Feb. 7, 1927. Serial No. 166,486. 4 Claims. (Cl. 15-227.)



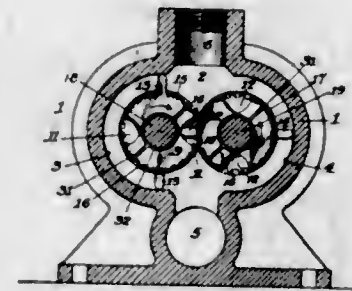
1. A tooth-brush comprising a handle in the form of a finger stall, an extension on said handle, a shank detachably held in said extension, and a brush head having bristles at the end of said shank, said shank having a space between said handle and brush head providing a tooth engaging space to protect the finger against injury, a means for uniting shank and handle, and a means for ensuring a firm hold of the tooth brush on a finger.

1,645,966. ARC LAMP. MARTIN L. PATTERSON, Bogota, N. J., assignor to The Sperry Gyroscope Company, Brooklyn, N. Y., a Corporation of New Jersey. Filed Mar. 16, 1922. Serial No. 544,191. 13 Claims. (Cl. 176-110.)



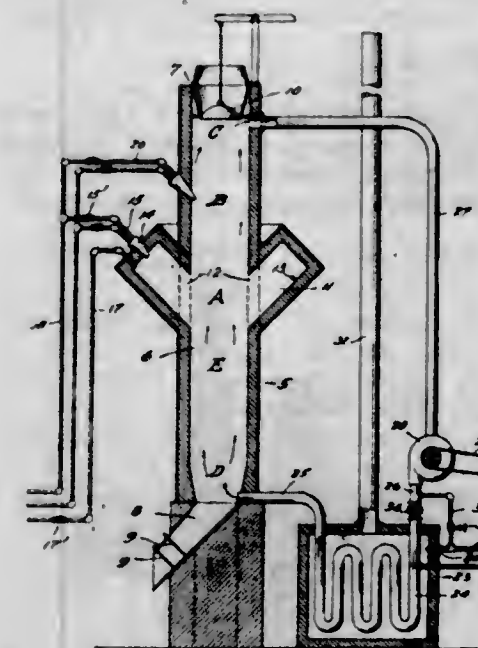
3. In combination with an electric arc lamp adapted to employ a pair of electrodes, a circuit-breaker in the lamp circuit, and a coil connected across said circuit for actuating said circuit-breaker when the potential drop across the arc reaches a predetermined value.

1,645,967. ROTARY PUMP. THOMAS S. PATTERSON, Malaga, N. J. Filed Aug. 29, 1924. Serial No. 735,029. 2 Claims. (Cl. 103-126.)



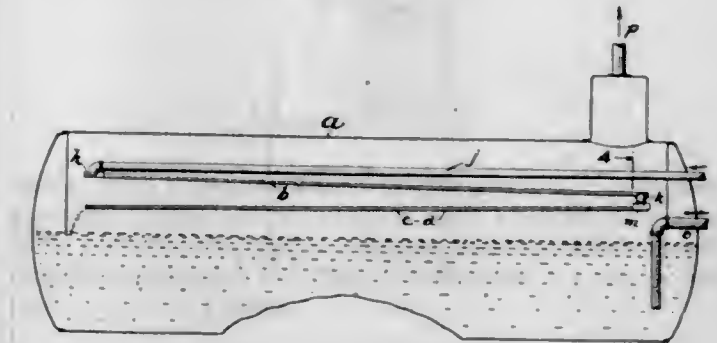
1. In a rotary pump, the combination of a chambered casing, a pair of impellers mounted therein; each of said impellers comprising substantially cylindrical bodies with a pair of radially disposed blades and being grooved intermediate said blades to accommodate the blades of the companion impeller, meshing gears for coupling said impellers whereby they may be driven in unison, means for driving said impellers, journals for said impellers, floating bushings for said journals; said bushings being of a length to provide spaces at the respective ends of the same, and means for filling said spaces with lubricant; said bushings being movable endwise by the pressure set up by the impellers and directed against the body of lubricant in said spaces to force the same between the journals and said floating bushings and said impellers being grooved for the passage of pressure to said bushings.

1,645,968. PROCESS OF MAKING SPONGE IRON FROM ITS OXIDE ORES. WILLIAM WALLACE PERCY, Seattle, Wash., assignor of one-fourth to Frank W. Harris, Renton, Wash. Filed Mar. 18, 1922. Serial No. 543,507. 6 Claims. (Cl. 75-77.)



1. In a process of manufacturing iron from iron oxide ores, subjecting a zone of a downwardly movable column of ore to the action of hot combustion products derived from burning hydrocarbon fuels exteriorly of said column, introducing hydrocarbon fuel into the column of ore above said zone, withdrawing gases from the upper portion of said column and returning the gases in a regenerated state into the column of ore below said zone to complete the reduction of said ore.

1,645,969. APPARATUS FOR COMPLETELY SEPARATING GASOLINE FROM MINERAL OIL. ARTHUR E. PEW, Jr., Bryn Mawr, and HENRY THOMAS, Ridley Park, Pa., assignors to Sun Oil Company, Philadelphia, Pa., a Corporation of New Jersey. Filed Feb. 23, 1924. Serial No. 694,475. 5 Claims. (Cl. 196-135.)



1. In an apparatus for effecting a substantially complete separation of gasoline from mineral oil, a still comprising an elongated container adapted to hold a substantial body of oil, means to receive and laterally distribute oil in the upper part of the container, an oil conveyor comprising a succession of inclined pans arranged in the upper part of the container and down which the oil admitted to the container is adapted to successively flow in a relatively thin layer and discharge into the oil body, and means insuring the maintenance of an equal volume of oil on opposite sides of the longitudinal central part of the upper pan and insuring the equal lateral distribution of oil from the upper pan to the part of the oil conveyor immediately beneath it.

1,645,970. FISH SCALER. WILLIAM BILLY, White Plains, N. Y. Filed Feb. 23, 1926. Serial No. 89,827. 2 Claims. (Cl. 17-5.)

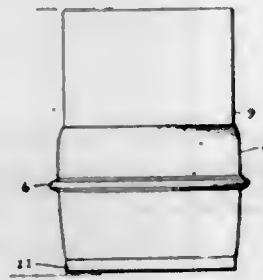


1. A fish scaler comprising a motor having a casing provided with a handle, a plate mounted at the side of the casing and having an end portion projecting beyond the face thereof, said plate having a series of spaced arms, a shaft journaled in the arms, means for operatively connecting said shaft with the shaft of the motor and scaling wheels mounted upon the shaft and located between the arms.

1,645,971. METHOD OF MAKING SHEET-METAL BARRELS. CLARENCE H. RIBBEL, Niles, Ohio. Filed Aug. 25, 1922. Serial No. 584,195. 6 Claims. (Cl. 113-51.)

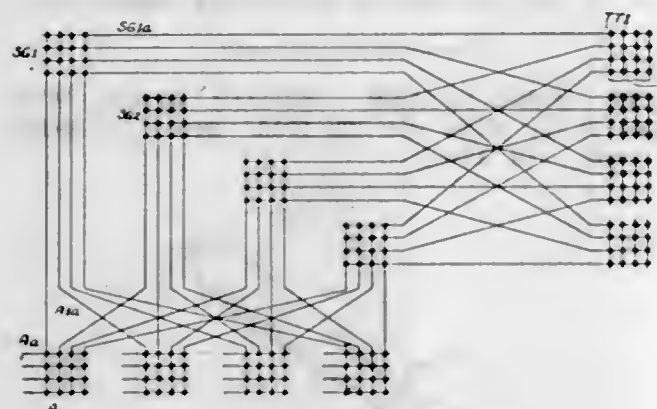
1. A method of making a corrugated steel barrel body, consisting in expanding a sheet metal cylinder by draw-

ing the stock from the end of the blank cylinder into a localized zone near one end thereof until a salient rolling corrugation is produced; in expanding the corrugated half of the cylinder to a larger diameter on tapering lines beginning at the middle of the cylinder and proceeding



toward the salient corrugation and end; and in repeating the same steps in the opposite half of the cylinder, whereby a bilged barrel body having a spaced pair of salient rolling ribs is produced.

1,645,972. TELEPHONE TRUNKING SCHEME. ERNEST JEAN CAMIL ROUSSEAU, London, England, assignor to The Relay Automatic Telephone Company, Limited, London, England. Filed Oct. 2, 1924, Serial No. 741,165, and in Great Britain Oct. 5, 1923. 3 Claims. (Cl. 179-18.)

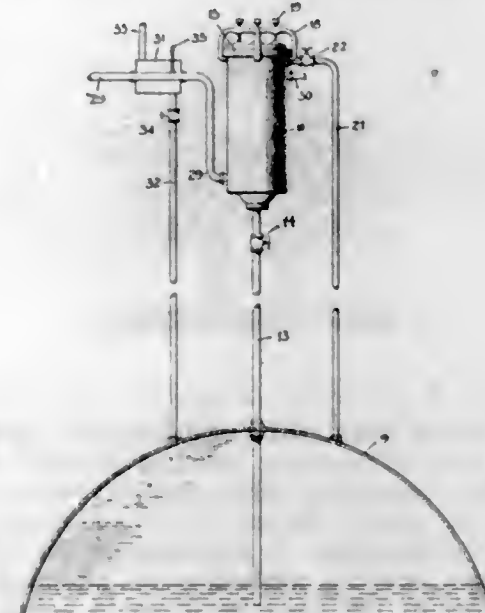


1. In an automatic telephone system having a final connecting group adapted to be operated by more than two digits, the combination of a group of trunks, a group of subscribers' lines, an odd plurality of sets of intermediate lines arranged in line ahead in the final connecting group, intersecting member switches adapted in a single selecting operation to connect a trunk to a subscriber's line through lines to all the sets in series, and means for determining the subscribers' lines which are to be connected through the intermediate lines to the group of trunks before the intermediate lines through which such connection is to be made are selected.

1,645,973. APPARATUS FOR USE IN PREVENTING THE INCRUSTATION OF STEAM BOILERS. JOSEPH F. SANFLEBEN, New York, N. Y., assignor to Filtrators Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Sept. 18, 1923. Serial No. 663,460. 6 Claims. (Cl. 210-36.)

1. In combination, a steam boiler, a container for seeds containing a mucilaginous substance and oil, a pipe to admit steam to the container at the pressure of

the boiler, a pipe connecting the lower part of the container with the boiler, and means whereby the interior

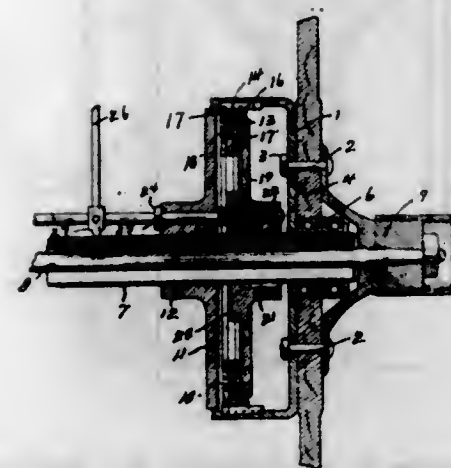


of the container may be maintained at a predetermined temperature, irrespective of the temperature and pressure of the steam admitted to the container.

1,645,974. SUBSTITUTING HALOGEN. KARL SCHÖLLKOPF, Oberkassel, near Düsseldorf, Germany, assignor to Rheinische Kampfer-Fabrik Gesellschaft mit beschränkter Haftung, Oberkassel, near Düsseldorf, Germany. Filed Aug. 16, 1923, Serial No. 657,816, and in Germany Aug. 23, 1922. 3 Claims. (Cl. 260-159.)

1. The process for substituting the halogen in halogenized aromatic sulphonic acids containing halogen in the aromatic nucleus by means of hydrogen which consists in subjecting an aqueous alkaline solution of the said compounds to the action of hydrogen and hydrogenating catalysts between 20 and 300 degrees centigrade.

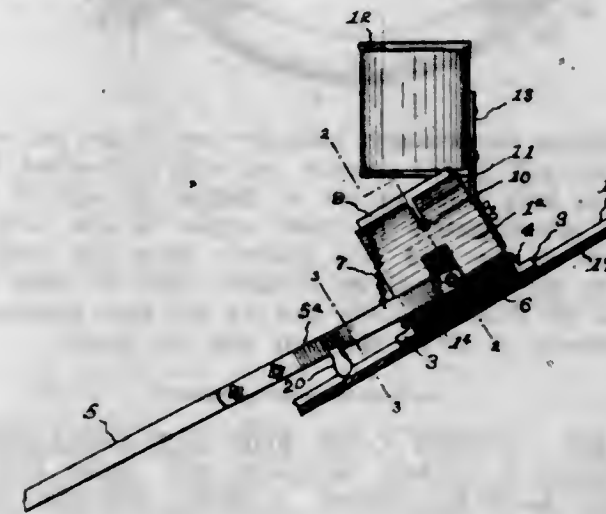
1,645,975. BRAKE. WILLIAM HENRY TAPE, Lethbridge, Alberta, Canada, assignor of one-half to Robert Barrowman, Lethbridge, Canada. Filed Sept. 30, 1925. Serial No. 59,511. 5 Claims. (Cl. 188-72.)



1. A brake mechanism comprising a vehicle wheel having a brake drum fixed relative thereto, an axle housing having a disc fixed relative thereto to confront the open end of the brake drum, a ring held to the brake drum and axially slidable therein, so as to confront the disc, a second disc held to the axle housing with freedom of

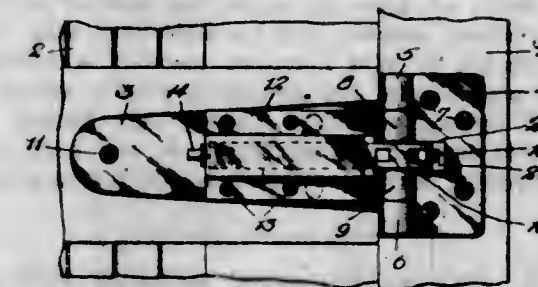
axial motion and disposed on the opposite side of the ring and a rod held in the first disc against endwise motion and threaded into the second disc so as to impart endwise motion to the latter when revolved for forcing the two discs upon the ring or for releasing their hold.

1,645,976. GREENHOUSE-BAR PAINTER. ROY S. THOMPSON, Bay Village, Ohio. Filed Sept. 14, 1925. Serial No. 56,247. 9 Claims. (Cl. 91-89.)



1. A device for painting greenhouse bars and the like, including a carriage, guide means upon the carriage for engaging the bar to direct the carriage in its movements along the same, converging brushes loosely mounted upon the carriage to slide freely up and down, weights on the brushes for holding the bristles thereof in a yieldable engagement with the top and opposite sides of the bar by the action of gravity, and paint feeding means.

1,645,977. DOOR HINGE. ALFRED E. TITUS, Trenton, N. J. Filed Oct. 20, 1925. Serial No. 63,731. 1 Claim. (Cl. 16-190.)

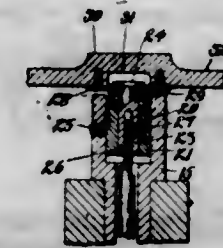


A door hinge comprising two leaves, the first having pintle receiving members at the top and bottom edges thereof, the second of said leaves having pintle receiving members spaced from each other and adapted to abut the pintle members of the other hinge leaf, a housing on the second of said leaves, a cam on one, the first mentioned leaf projecting from the first of said leaves between the pintle receiving members of the second of said leaves, a spring impelled bar mounted in said housing and projecting transversely of the hinge joint between the pintle members of second named leaf and engaging the cam on the first named leaf.

1,645,978. CIRCUIT-CLOSING DEVICE. GEORGE H. WILLEY, Somerville, Mass., assignor to Willey-Noyes Manufacturing Company, Boston, Mass., a Corporation of Massachusetts. Filed Aug. 23, 1922. Serial No. 583,726. 4 Claims. (Cl. 200-59.)

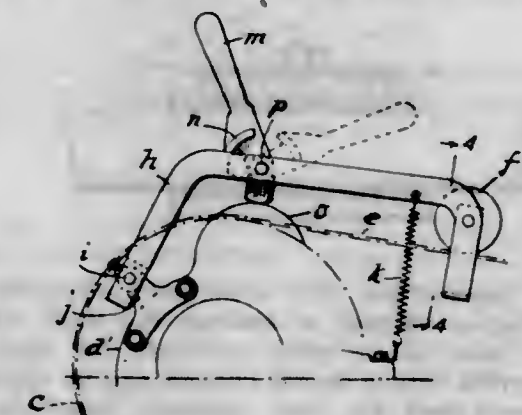
1. In combination with a steering column having an axial recess at its upper end and a steering wheel carried by said column, of a sleeve of insulating material fitted within said recess, a headed rod of conducting ma-

terial in one side of an electric circuit seated in said sleeve with its head spaced from the upper end thereof, a conducting ring in the opposite side of said circuit slidable axially of said rod into and out of contact with



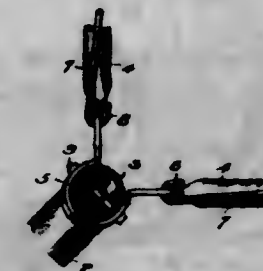
said column between the end of said sleeve and said head, a spring urging said ring against said head out of contact with said column, and a member fixed to said ring and extending adjacent the rim of said wheel by which said ring may be depressed.

1,645,979. MEANS FOR GRADUALLY SPEEDING UP ENGINE-DRIVEN MACHINES. SAMUEL E. ALLEN, Poughkeepsie, N. Y., assignor to The De Laval Separator Company, New York, N. Y., a Corporation of New Jersey. Filed Jan. 20, 1926. Serial No. 82,531. 4 Claims. (Cl. 64-5.)



1. The combination with an engine, a pulley driven thereby, a pump, a pulley driving the pump, and an endless driving belt between the pulleys, of a pivotally mounted lever, a belt-tightening pulley carried thereby, a spring tending to move the belt-tightening pulley into position to impose a maximum tension on the belt, a manually operable lever pivoted on the pulley-carrying lever, and an abutment adapted to be engaged by the manually operable lever and held the belt-carrying lever against the tension of its spring, in different positions adapted to more or less slacken the belt.

1,645,980. DERRICK. FRED D. BEARLY, Oklahoma City, Okla. Filed Feb. 9, 1924. Serial No. 691,588. 5 Claims. (Cl. 180-19.)



5. A derrick involving a plurality of legs each including a series of tubular sections arranged in longitudinal alignment, girths connecting said legs at the adjacent ends of said tubular sections, each of said girths having a tubular intermediate portion and flattened end portions, said end portions forming clamps for cooperating

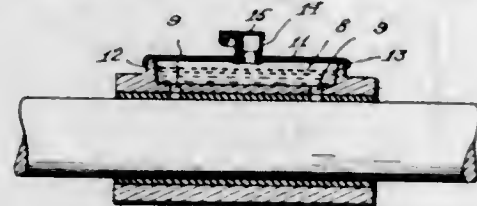
with said legs, each of said clamps being disposed in overlapping relation to a plurality of said tubular leg sections, and means for connecting adjacent clamps of neighboring girths to a derrick leg interposed between said clamps.

1,645,981. SCISSORS. CHARLES FREDERICK BENEDICT, New York, N. Y. Filed Apr. 22, 1920. Serial No. 375,742. 1 Claim. (Cl. 30—13.)



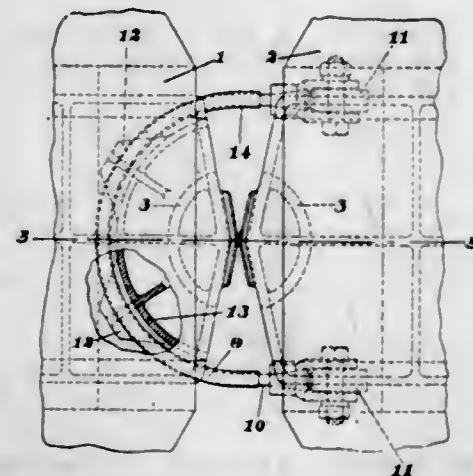
In a scissors constructed of sheet metal, a pair of blades of concave form, shanks extending from the base portions of the said blades and having the metal thereof turned over against itself, and rings at the ends of the said shanks having the metal from their central portions turned upward and over against the outer parts thereof and having portions of its edges in registration with the turned over material of the aforesaid shank.

1,645,982. SHAFT BOX. ORIEN E. BISHOP, Clifton, S. C., assignor to E. E. Child Company, Spartanburg, S. C., a Corporation of South Carolina. Filed Nov. 23, 1926. Serial No. 150,271. 3 Claims. (Cl. 308—124.)



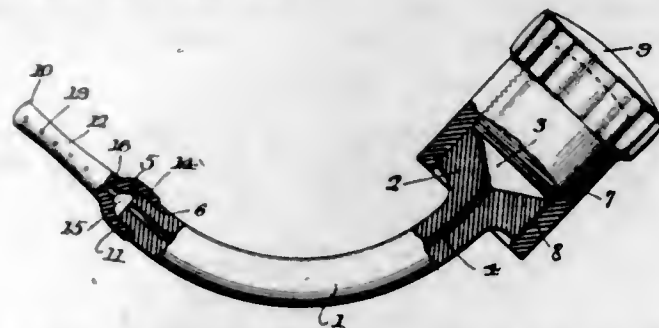
1. The combination with a shaft-box consisting of a pair of halves adapted to embrace the shaft, of bolts clamping these halves upon the shaft, the upper half being provided with a flanged oil-pocket in its upper side, and a cover-plate for said oil-pocket consisting of a flanged plate adapted to fit over the rim of the flange of the oil-pocket and provided with a covered filler-tube, said cover-plate being also provided with a lateral extension clamped to the top half of the box through the medium of one of the aforesaid bolts.

1,645,983. SAFETY DEVICE FOR ARTICULATED CARS. FRANCIS McF. BRINCKERHOFF, Suffern, N. Y., assignor to Pressed Steel Car Company, Pittsburgh, Pa., a Corporation of New Jersey. Filed Mar. 21, 1927. Serial No. 176,865. 12 Claims. (Cl. 105—4.)



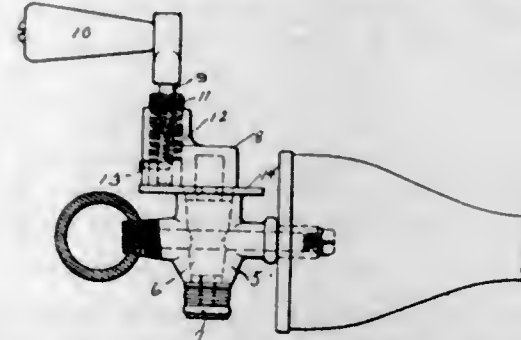
1. A device for preventing the separation of the adjacent ends of two bodies of an articulated car comprising a member pivotally connected to one of said bodies and loosely engaging the other of said bodies.

1,645,984. SYRINGE. GEORGE L. CANTWELL, Wichita, Kans. Filed July 30, 1925. Serial No. 47,072. 1 Claim. (Cl. 128—236.)



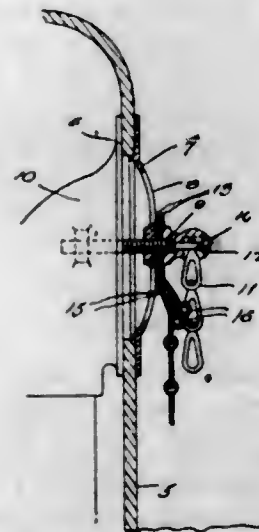
A syringe comprising a body provided at one end with a nozzle, and at the opposite end with a threaded feed cap, the body being curved to dispose the axis of the nozzle approximately at right angles to the axis of rotation of the feed cap, whereby when the body is held in the hands of an operator, and the feed cap turned, the rotation of the feed cap will have practically no tendency to rotate the body and the nozzle.

1,645,985. SAFETY COCK FOR GAS APPLIANCES. MICHAEL J. CLARKE, Baltimore, Md. Filed July 7, 1926. Serial No. 120,916. 1 Claim. (Cl. 251—165.)



The combination with a valve having a body, a controlling member for said body, an aperture ledge formed on said body, an L-shaped operating member secured to said controlling member and movable over said ledge, a handle secured to said L-shaped member, a spring surrounding said handle and located in said L-shaped member, said spring normally urging said handle downwardly into one of the apertures of the edge to hold said controlling member against accidental rotation.

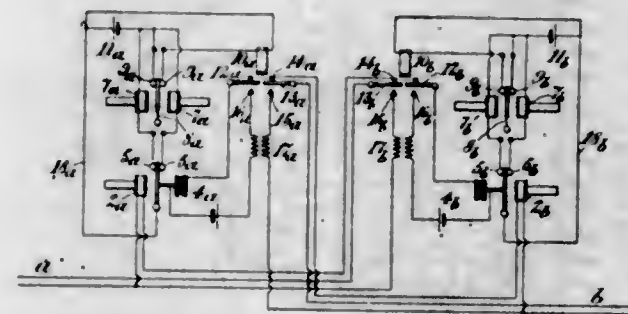
1,645,986. CHAIN AND PLUG HOLDER FOR BATH-TUBS AND BASINS. ALFRED C. CROCKER, Chagrin Falls, Ohio. Filed Dec. 14, 1926. Serial No. 154,743. 3 Claims. (Cl. 4—295.)



1. In combination with a chain having a stopper secured on its lower end, and a bolt to which the other end

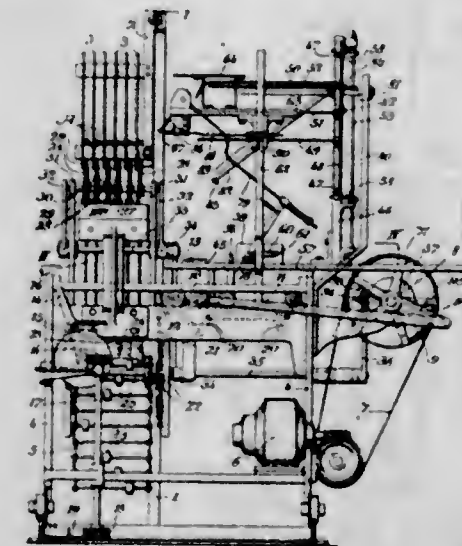
of the chain is fastened, of means supported on the bolt for engagement with the links of the chain to hold the stopper carrying end thereof in a suspended position.

1,645,987. TELEPHONIC AND TELEGRAPHIC REPEATER OR RELAY. ALBERT V. T. DAY, Paris, France. Filed July 8, 1915. Serial No. 576,646. Renewed July 21, 1922. 2 Claims. (Cl. 179—170.)



1. A means for controlling the transmission through a repeater comprising a number of circuit-breakers in series arranged to control the transmission, and means responsive to the transmission of current to open each circuit-breaker intermittently and prevent simultaneous closure of the circuit breakers, whereby to maintain one transmission condition of the repeater during such current transmission.

1,645,988. WARP-HEDDLING MACHINE. WILLIBALD HAMMER, Uster, Switzerland, assignor to Firm Zellweger A.-G. Uster, Switzerland. Filed July 20, 1925. Serial No. 44,874, and in Switzerland July 21, 1924. 17 Claims. (Cl. 28—46.)

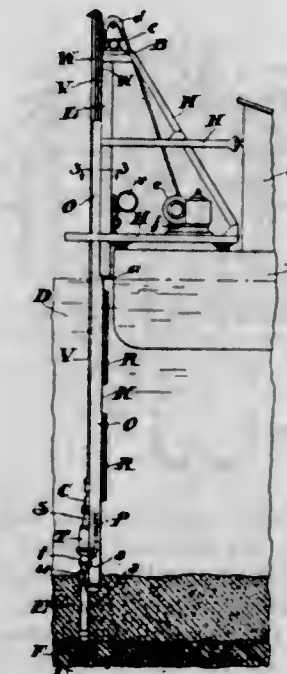


1. In a warp heddling machine in combination, means adapted to receive a plurality of harnesses, a threading needle, a device provided for every harness and adapted to separate the heddles in groups from the row of heddles in a harness, means forming part of every such device and adapted to engage the individual heddles of a separated group and to transport a heddle individually to be operated upon by the threading needle, and a pattern mechanism controlling the selective operation of the individual separating devices.

1,645,989. MUD GUARD FOR SUBMARINE DRILLS. CHARLES C. HANSEN, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J., a Corporation of New Jersey. Filed June 25, 1926. Serial No. 118,489. Renewed June 23, 1927. 8 Claims. (Cl. 255—51.)

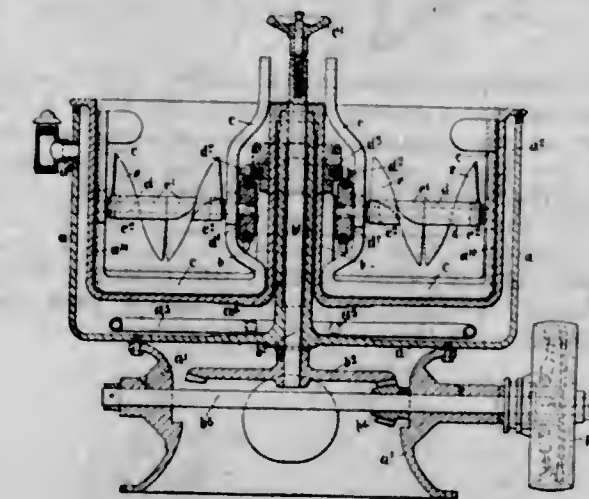
1. In a submarine hammer drill unit, the combination of a main frame having guides, a vertically movable guide

frame on said guides, a drilling element slidably carried by and guided on said guide frame, and a tubular mud guard or protective shield slidably supported at the



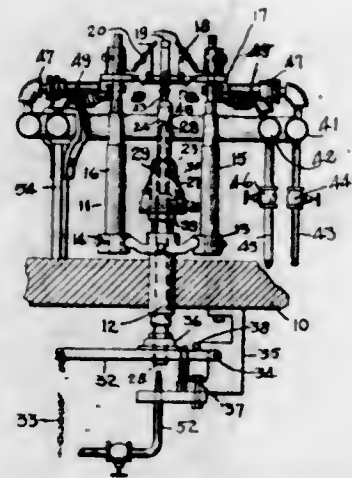
lower end of said guide frame below the drilling element whereby the weight of the drilling element may rest upon the mud guard to force it down to the rock to be drilled.

1,645,990. VESSEL FOR MIXING CHOCOLATE AND SIMILAR SUBSTANCES. HARRY WILLIAM HICKLEY, London, England, assignor, by mesne assignments, to Baker Perkins Company, Inc., Saginaw, Mich., a Corporation of New York. Filed Nov. 19, 1923. Serial No. 675,648, and in Great Britain Nov. 21, 1922. 2 Claims. (Cl. 259—107.)



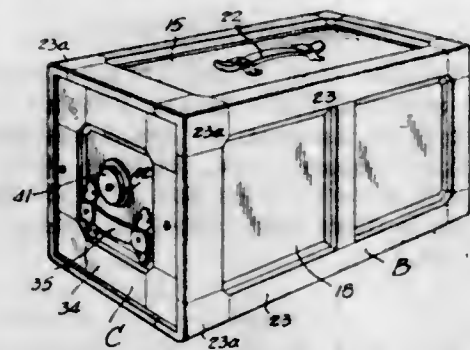
1. In apparatus for mixing chocolate and similar substances, a receptacle, a plurality of substantially U-shaped stirring frames mounted in said receptacle, said stirring frames conforming to the inner contour of said receptacle, the outer leg of each of said stirring frames being of a length substantially equal to the depth of the receptacle, a stirring element mounted in each of said stirring frames and spaced with respect to the bottom of the receptacle, said stirring elements being each constructed to cause the material being operated upon to move in opposite directions radially of the container, means for driving the stirring frames in a circular path in said receptacle, and means for rotating said stirring elements in their respective frames during their movement through the receptacle.

1,645,991. SEALING-IN MACHINE. JOHN JOSEPH HIGGINS, East Orange, N. J., assignor to Westinghouse Lamp Company, a Corporation of Pennsylvania. Filed July 30, 1924. Serial No. 729,054. 18 Claims. (Cl. 49-2.)



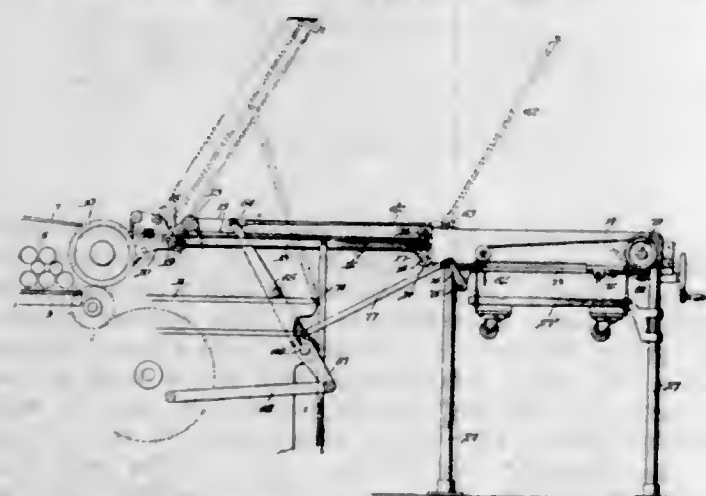
1. A sealing-in head comprising a support for a bulb, means for securing the exhaust tube of a mount to support the mount within said bulb, means for creating a continuous heat zone circumferentially of the bulb to fuse the bulb to the mount and means for creating a second heat zone circumferentially of the neck of the bulb to sever the same from the bulb.

1,645,992. PORTABLE CONTAINER. CHARLES HINDE, Los Angeles, Calif. Filed Apr. 1, 1925. Serial No. 19,915. 7 Claims. (Cl. 190-19.)



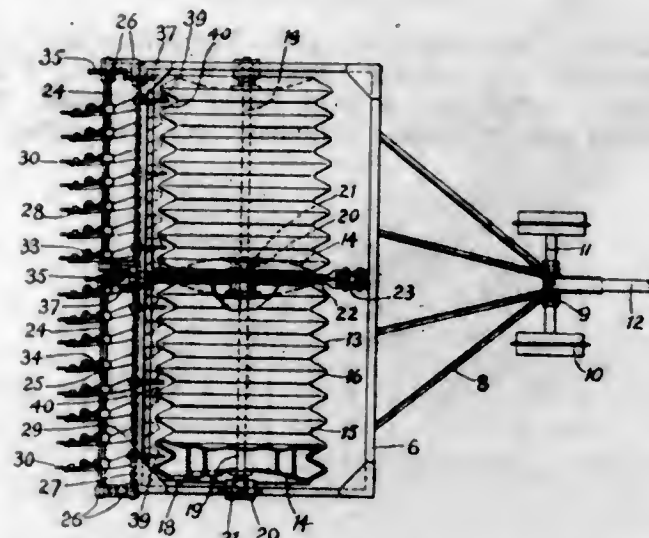
1. A container comprising a hollow body having an opening therein, a drawer slidable in the body, a closure member for the opening, means for securing the drawer within the body, and means engaging the drawer for securing the closure member in closed position.

1,645,993. EXTENSION SHEET DELIVERY. WILLIAM M. KELLY, Westfield, N. J. Filed June 3, 1925. Serial No. 34,687. 28 Claims. (Cl. 271-69.)



1. The combination with a printing press having a base, of an extension sheet delivery projecting beyond the delivery end of said base, said delivery being mounted for movement to bring the same within the confines of the base.

1,645,994. AGRICULTURAL IMPLEMENT. GLOVER CYRUS LLOYD, Vancouver, British Columbia, Canada. Filed June 22, 1925. Serial No. 38,857. 3 Claims. (Cl. 55-12.)



1. In combination with a frame carrying a corrugated ground packing roller the provision of a plurality of cultivator blades suspended from the frame close to and rearwardly of said roller and positioned to level off the ridges of the corrugations formed in the ground by the roller and to deposit the soil thus distributed into the valleys formed between said ridges and a harrow tooth carried by the rear end of each blade.

1,645,995. CHEST PROTECTOR. JUSTIN MCCARTHY, New York, N. Y. Filed Mar. 8, 1922. Serial No. 542,004. 1 Claim. (Cl. 2-92.)

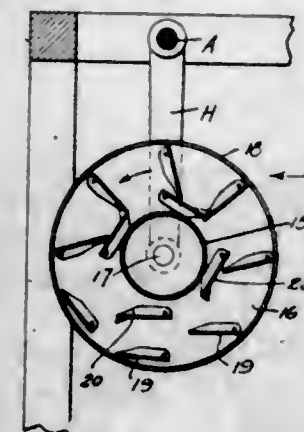


The combination with a coat provided with tabs attached at one end to the interior thereof adjacent the neck opening, said tabs being provided with snap fastener elements at their free ends, and a substantially V-shaped chest protector comprising two layers of fabric with a padding therebetween, said chest protector carrying snap fastener elements at its upper corners adapted to engage the snap fastener elements on said coat tabs, whereby the chest protector is detachably secured in the coat.

1,645,996. WATER WHEEL. FRANK L. MCQUISTON, Redondo, Calif. Original application filed Feb. 26, 1924, Serial No. 57,922. Divided and this application filed June 1, 1926. Serial No. 113,018. 3 Claims. (Cl. 170-23.)

1. A water wheel comprising a cylindrical body mounted for rotational movement, heads at the ends of the

body, and blades pivoted on and arranged between the heads, the blades being arranged in an outer circular series and an inner circular series and pivoted in such manner that the blades of the inner series are capable of occupying an active position in which they engage and are tangent to the body, while the blades of the outer series are capable of occupying an active position in

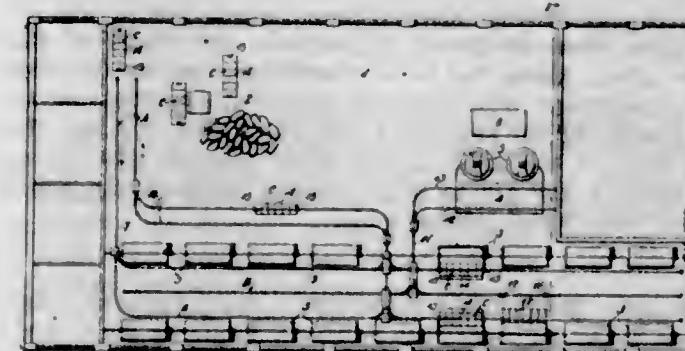


which alternate blades engage and are held by the blades of the inner series in positions radial with respect to the body, while the other and alternate blades engage and are held by the blades of the inner series in positions tangentially with respect to the body, and the blades of both series are capable of occupying an inactive position in which they are placed in planes parallel to each other and to a line tangent of the body.

1,645,997. MANUFACTURE OF STRAWBOARD. MARY E. PENNINGTON, St. Davids, Pa., and ALEX BROOKING DAVIS, Cincinnati, Ohio. Original application filed Apr. 18, 1925, Serial No. 24,273. Divided and this application filed Mar. 3, 1927. Serial No. 172,553. 8 Claims. (Cl. 92-3.)

1. Strawboard comprising disintegrated new straw, steam distilled and subsequently ozonized, the strawboard being inodorous and sterile.

1,645,998. LAUNDRY APPARATUS. EMANUEL J. PERRY, Fairhaven, and FRED S. BOLTZ, Mansfield, Mass. Filed Oct. 13, 1924. Serial No. 743,334. 3 Claims. (Cl. 214-1.)

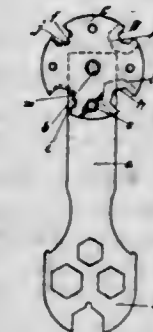


1. In a laundry, the combination with washing apparatus, of a conveyor system including tracks leading to and from said washing apparatus, movable carriers adapted to be moved over said tracks, an independent track system extending adjacent said washers, an extractor bench along said independent track mechanism, and receptacles movable over said independent track mechanism for transporting garments from the washing apparatus to said extractors.

1,645,999. WRENCH. LOUISE REBOUL, St. Etienne, France. Filed Nov. 25, 1925, Serial No. 71,387, and in France Dec. 4, 1924. 2 Claims. (Cl. 81-58.)

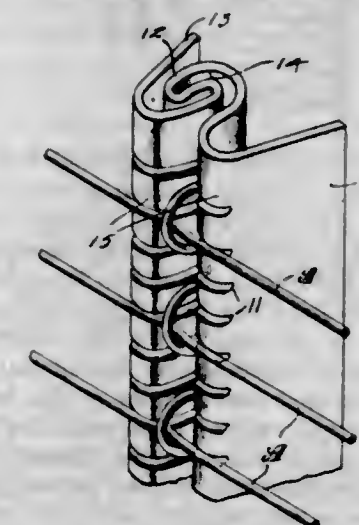
1. A wrench for nuts comprising a lever, a pair of discs having peripheral recesses to engage nuts, said discs being pivotally mounted on said lever, said lever having an opening and said discs being each provided with a series

of openings, any one of which may be brought by partial rotation of the discs into alignment with said opening



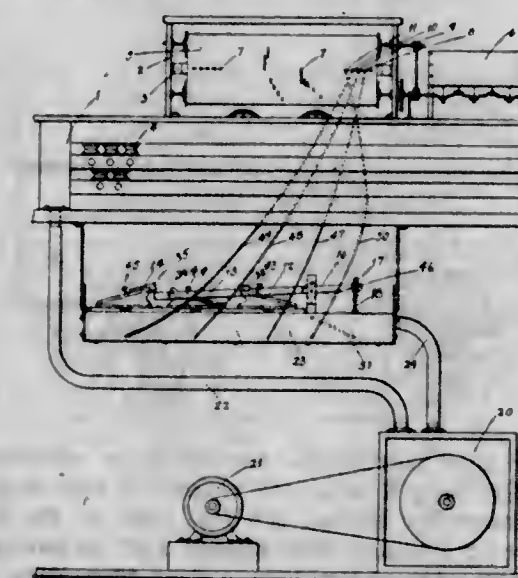
of the lever and a bolt insertable through said openings of the discs and lever to secure the discs in any desired adjusted position.

1,646,000. FENCE POST. BURT WARREN TOUCHSTONE, Eldorado, Ark. Filed Oct. 26, 1926. Serial No. 144,370. 3 Claims. (Cl. 256-54.)



1. As an article of manufacture, a fence post formed of sheet metal, folded upon itself to provide rearwardly and transversely curved webs and two laterally and rearwardly projecting wings extending from the webs, the side walls of the folded webs being spaced from each other to receive a staple between them and being provided with staple leg receiving grooves.

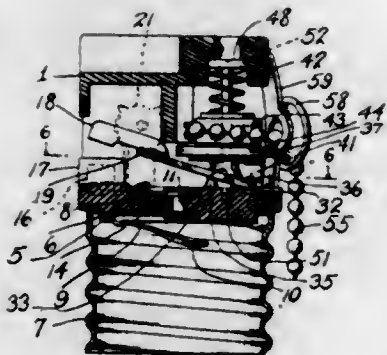
1,646,001. EXPRESSION MECHANISM FOR MECHANICAL MUSICAL INSTRUMENTS. HERSCHEL E. TOWER, Cincinnati, Ohio, assignor to The Baldwin Company, Cincinnati, Ohio. Filed Mar. 3, 1926. Serial No. 91,982. 2 Claims. (Cl. 84-41.)



1. In a mechanical musical instrument, a pneumatic action, a power unit for creating a maximum degree of suction to actuate the said pneumatic action; an expres-

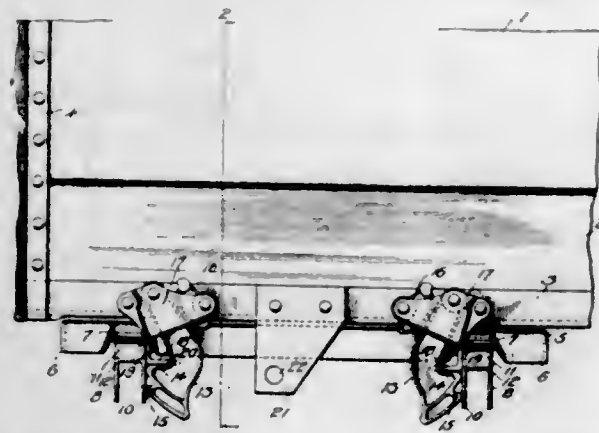
sion action comprising a relief valve, a port and a spring for controlling the suction of air created by the said power unit to a number of different degrees, the said spring so connected as to be stiffened by a number of pneumatics and separate means acting directly on said relief valve for closing off all incoming air through said port.

1,646,002. PULL SOCKET. BENJAMIN C. WEBSTER, Jackson, Mich., assignor, by mesne assignments, to Reynolds Spring Company, Jackson, Mich., a Corporation of Delaware. Filed May 4, 1926. Serial No. 106,685. 3 Claims. (Cl. 173-354.)



1. A pull socket including an insulating base, a switch lever provided with a circular bearing portion having cam faces at opposite sides thereof and pivoted intermediate of the ends of the cam faces, a rotary controller operating in the circular portion of the switch lever and provided with a lug movable over the cam faces thereof and having ratchet teeth at its upper face, an oscillatory actuator consisting of a substantially cylindrical shell provided at the upper and lower faces of its bottom with ratchet teeth, the lower ratchet teeth engaging the ratchet teeth of the controller, and a coiled spring disposed on the pivot post and having its upper end secured to the same and having its lower end engaged with one of the teeth of the actuator, said spring being adapted to be compressed by the movement of the said lug over the cam faces and to be twisted by the rotary movement of the oscillatory actuator whereby the tension of the spring is increased and is adapted to produce a sudden snap action of the switch lever when the lug is carried from one side of the pivot of the switch lever to the other side of the same.

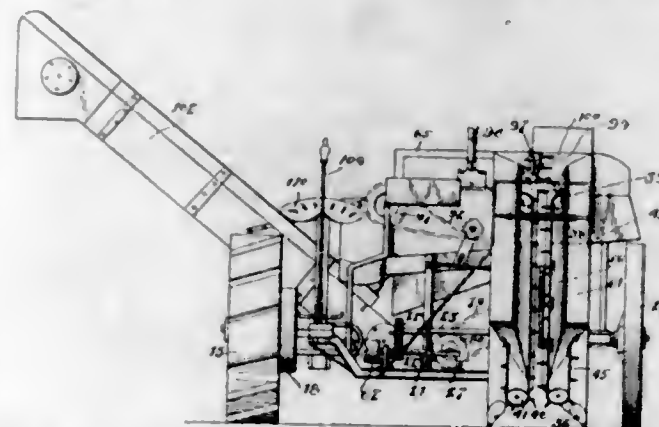
1,646,003. CAR-DOOR MECHANISM. WILLIAM E. WINE, Toledo, Ohio. Filed Aug. 26, 1925. Serial No. 52,585. 7 Claims. (Cl. 105-308.)



1. A car door mechanism involving, in combination with a hinged door, a door arm secured to said door and extending outwardly beyond the free edge of the latter, said arm being inclined downwardly and outwardly adjacent the free edge of the door, a door supporting member carried by said door and projecting beyond the free edge thereof and terminating at its outer end between the door and the outer end of said arm, and a hook pivot-

ally mounted on the car body for cooperating with said door supporting member to support said door against opening.

1,646,004. CORN HARVESTING AND HUSKING MACHINE. ARTHUR C. BECKMAN, Mound City, S. Dak. Filed Aug. 21, 1925. Serial No. 51,624. 8 Claims. (Cl. 56-107.)



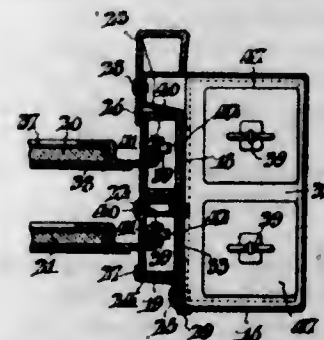
1. In a device of the character described, a drive wheel, a pair of spaced planks, capable of being spread, and snapping rolls arranged to cooperate with said planks, said snapping rolls being capable of being spread.

1,646,005. GREASE TUBE FOR FACIAL MAKE-UP. PIERRE (called) GASTON BAQUEY, Colombes, France. Filed Sept. 30, 1925, Serial No. 59,641, and in France Oct. 4, 1924. 1 Claim. (Cl. 206-58.)



A grease tube for facial make-up purposes including a grease holder having parallel guide pieces spaced longitudinally to provide slots through which grease will be extruded when subjected to pressure, the edges of the guide pieces along the slots constituting means for sliding engagement with the lips during the application of the grease and for smoothing the grease upon the lips, the free ends of the guide pieces being tapered, and means for shifting the grease longitudinally between the guide pieces toward the tapered ends.

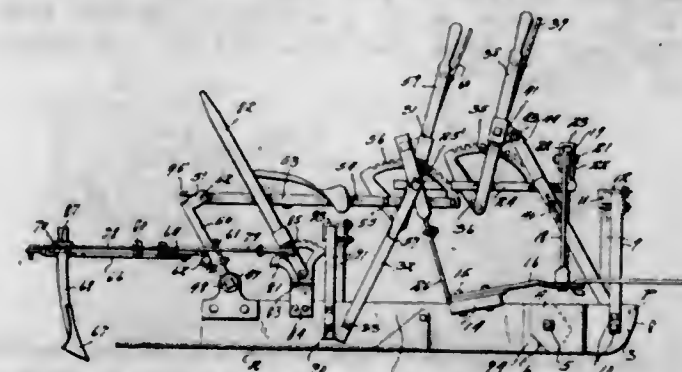
1,646,006. METALLIC WINDOW. JOAH BROGDEN, Melrose Park, Pa., assignor to David Lupton's Sons Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Dec. 3, 1925. Serial No. 72,946. 9 Claims. (Cl. 189-75.)



1. The combination of a metal window jamb with an open socket in front of and facing across its inner face, vertically sliding sash, stationary guide means for said

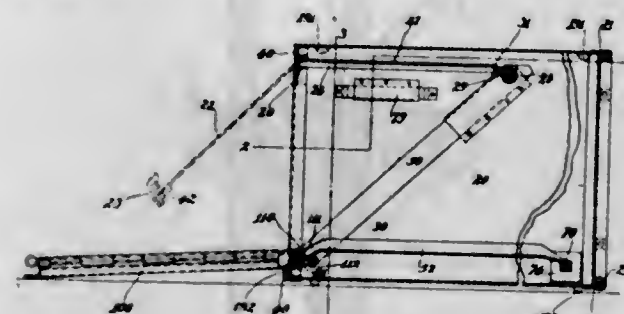
sash removably engaged in said socket at one side, and means for detachably securing said guide means in place in said socket.

1,646,007. SLED LISTER CULTIVATOR. JOHN M. BURKHALTER, Canyon, Tex. Filed Nov. 27, 1926. Serial No. 151,152. 5 Claims. (Cl. 97-140.)



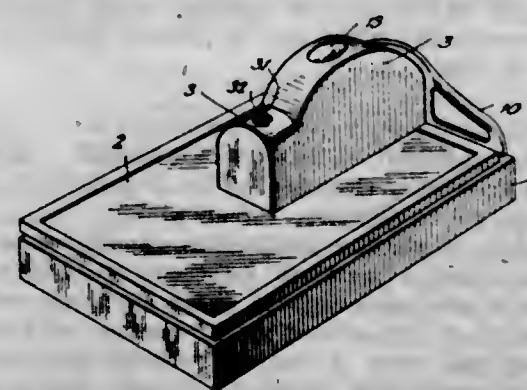
1. In combination with the runners of a sled cultivator, furrow openers positioned in advance of the runners, each of said openers comprising a plate the inner portion of which being provided with spaced plates to receive therebetween the forward portion of a runner, means for pivotally connecting said spaced plates to the runner, a swinging lever supported by the runners, and a member pivotally engaged directly with the first named plate of each of the openers and with the lever whereby the furrow openers are raised and lowered upon operation of the lever.

1,646,008. INDEX, MEMORANDUM, AND REFERENCE EQUIPMENT. GEORGE P. BUTLER, Boston, Mass., assignor, by mesne assignments, to Postindex Company, Inc., Boston, Mass., a Corporation of Massachusetts. Filed Sept. 2, 1922. Serial No. 585,935. 4 Claims. (Cl. 45-2.)



1. In a filing and reference device, the combination with a walled container having a movable front wall serving as a door, of a skeleton insert comprising as a unit a plurality of guide rails for the door in its movement, a plurality of vertical plane partitions, horizontal plane guide rails between adjacent partitions, and transverse tie rods for said partitions and guide rails.

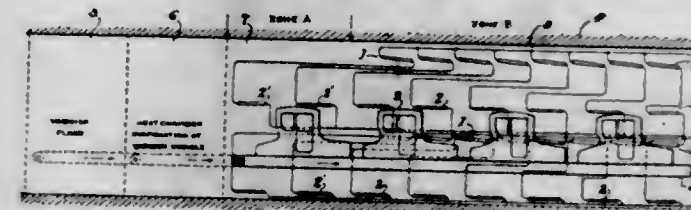
1,646,009. SCALE. HUGH M. CAMERON, New York, N. Y., assignor of one-half to Edward A. Judge, Brooklyn, N. Y. Filed Mar. 26, 1926. Serial No. 97,531. 10 Claims. (Cl. 265-68.)



1. In a scale, the combination with a base, of a pair of counterbalanced opposed levers mounted thereon, a plat-

form carried by said levers, and a rotatable indicating device located within the area of the platform and actuated by said levers.

1,646,010. METHOD OF AND APPARATUS FOR APPLYING AND TREATING VARNISH. GEORGE RICHARD CLOVEA, Detroit, Mich., assignor to Cooper Hewitt Electric Company, Hoboken, N. J., a Corporation of New Jersey. Filed July 18, 1923. Serial No. 652,256. 9 Claims. (Cl. 34-12.)



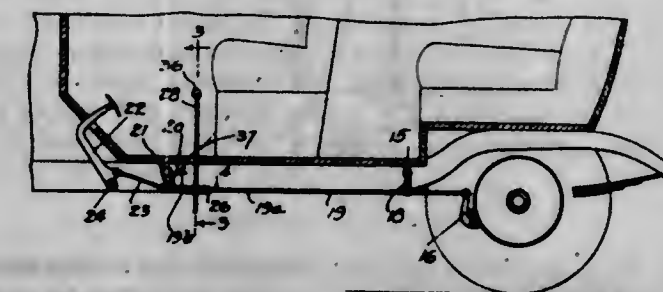
1. In a varnish drying oven having heat sources and ultra violet light sources, in combination, a tunnel chamber, a conveyor therein, and varnish drying means arranged in two sections one following the other, the first including a heat source and the other including a heat source and a source of light rich in ultra violet rays.

1,646,011. WINDOW SHADE AND CURTAIN-ROD HOLDER. SHICKRALLA CONSTANTINE, New Bedford, Mass. Filed Nov. 16, 1925. Serial No. 69,474. 4 Claims. (Cl. 156-23.)



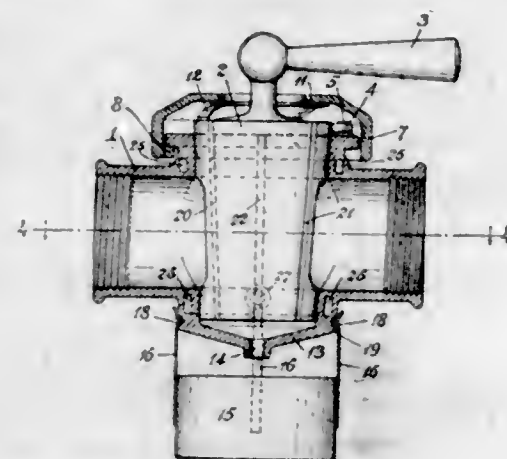
4. A curtain support including two tubular members, unitary clamp and curtain rod supporting means on each of said members, said means including a rearwardly extending clamp portion and an upwardly extending curtain rod support carrying portion, said support carrying portion formed as a channel partly closed by overhanging projections, a curtain rod holder adjustable vertically along said channel, a shade roller bracket mounted on each of said members, said bracket being adjustable independently of said curtain rod supporting means, and a threaded rod to draw said clamps toward each other to secure said support to a window casing.

1,646,012. ADJUSTING DEVICE FOR BRAKE-ACTUATING MECHANISMS. GEORGE W. COOK, Los Angeles, Calif. Filed Dec. 5, 1925. Serial No. 73,356. 4 Claims. (Cl. 188-196.)



1. In a brake actuating mechanism having a two-part rod, a turnbuckle connecting the parts of the rod, and an actuating member adapted to extend upwardly through the floor of the vehicle and having operative connection with the turnbuckle to actuate the latter.

1,646,013. PLUG VALVE. FRITZ G. CORNELL, Jr., Caldwell, N. J., assignor to W. H. Sheffield, New York, N. Y. Filed Jan. 16, 1926. Serial No. 81,658. 2 Claims. (Cl. 251—110.)

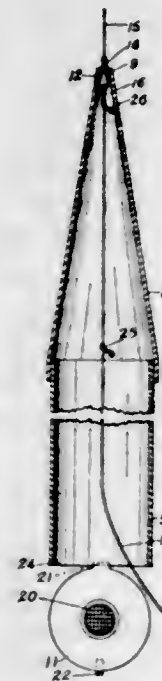


1. In a plug cock, a plug, a casing having a plug seat provided with drainage grooves extending the full height of the plug, a closure member below said plug having an outlet communicating with said grooves, and a cap secured to said casing above said plug and having an aperture communicating with said grooves.

1,646,014. MANUFACTURE OF LIQUID FUELS. MARTIN MÜLLER-CUNRADI, Ludwigshafen-on-the-Rhine, and WILHELM WILKE, Mannheim, Germany, assignors to Badische Anilin- & Soda-Fabrik, Ludwigshafen-on-the-Rhine, Germany, a Corporation of Germany. Filed July 15, 1924. Serial No. 726,162, and in Germany Jan. 14, 1924. 5 Claims. (Cl. 44—9.)

1. A motor fuel comprising a combustible liquid in combination with between about a tenth and one percent of an iron carbonyl.

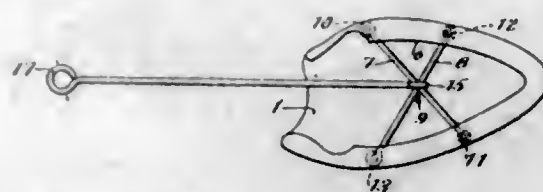
1,646,015. FLAG PROTECTOR. JOHN E. DAVIS, Cincinnati, Ohio. Filed May 4, 1926. Serial No. 106,783. 3 Claims. (Cl. 116—173.)



2. In a device of the class described the combination with a flag pole and a hoisting rope supported by said pole, of a hollow member comprising a tubular portion and a hollow conical portion, the conical portion being truncated near its free end to provide an opening through which one downwardly extending portion of the hoisting rope may pass, a plug secured to said rope and adapted

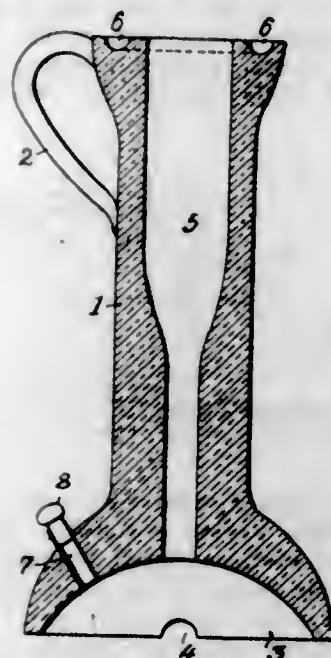
to close the above mentioned opening, clasps on the rope near the plug for supporting a flag, closure means for the open end of the hollow member, and means for securing the hollow member to a flag pole.

1,646,016. EXPANSIBLE SHOE FORM. WILLIAM J. DE WITT, Auburn, N. Y., assignor to The Shoe Form Co. Inc., Auburn, N. Y., a Corporation of New York. Filed July 27, 1926. Serial No. 125,172. 19 Claims. (Cl. 12—128.)



1. An expansible shoe form comprising a thin walled shell adapted to enter a shoe, said shell having a smoothly continuous outer surface engageable with the inner surface of a shoe upper and means for forcing opposite sides of the shell outwardly to amounts respectively proportionate, in inverse ratio, to the resistances which they encounter.

1,646,017. DEVICE FOR PREVENTING BOILING OVER OF MILK AND FOR INDICATING THE BOILING OF THE MILK. ANDREAS ECKSTEIN, Waldsassen, Germany. Filed Apr. 1, 1927. Serial No. 180,310, and in Germany Feb. 9, 1927. 3 Claims. (Cl. 53—1.)

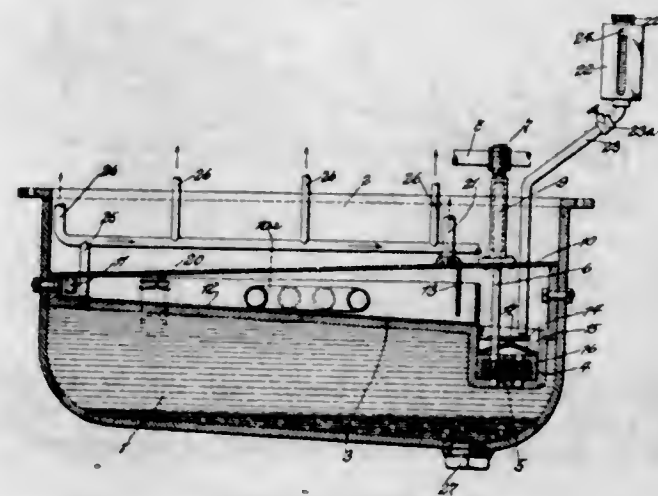


1. A device for preventing the boiling over of milk, comprising in combination with a milk pot, a hollow cylinder to be placed into said milk pot so that the milk will rise in the bore of the hollow cylinder and flowing over the top edge of said device back into the pot the central bore of said hollow cylinder being gradually enlarged towards the upper end to prevent damming up of the milk in said bore.

1,646,018. LUBRICATING MECHANISM. JOHN L. FORCE, University City, Mo. Filed Feb. 1, 1926. Serial No. 85,078. 12 Claims. (Cl. 184—6.)

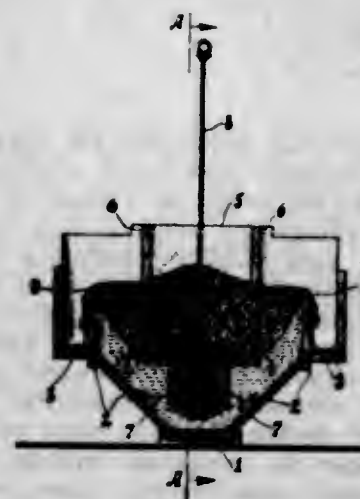
1. Engine lubricating mechanism in an engine crank case comprising a main oil reservoir covering substantially the whole bottom of the crank case and containing nearly all of the oil carried by the engine and having an inlet from the pump, a top wall closing the upper side of said reservoir and having its under surface in constant contact with the oil in said reservoir during

operation of the engine irrespective of any inclination of the engine during use, a filling pipe opening into said reservoir, a pump operative to force into said reservoir



through said inlet oil flowing from the lubricated parts of the engine, and means for conducting the oil from said reservoir to the parts of the engine to be lubricated.

1,646,019. FLOTATION METHOD AND APPARATUS. DAVID LAWTON FORRESTER, Globe, Ariz. Filed July 29, 1925. Serial No. 46,783. 10 Claims. (Cl. 209—170.)

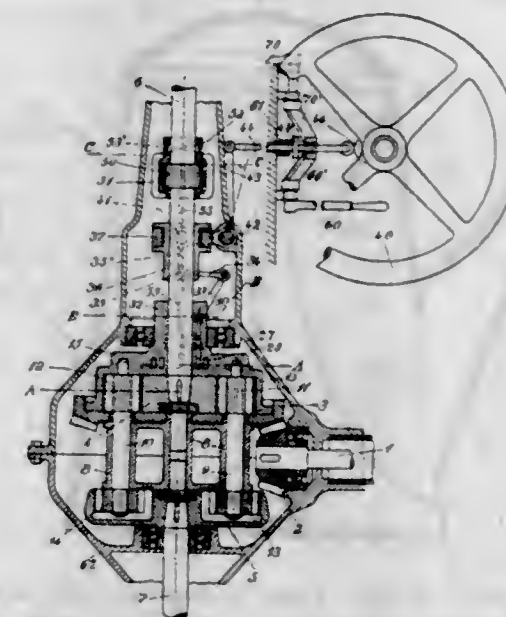


1. The method of concentrating ores by flotation which consists in aerating a pulp by discharging air in large bubbles into the same at a substantial depth below the surface thereof, directing coacting currents of pulp against said bubbles adjacent their point of entry, and causing circulation of the pulp through zones, one of violent agitation produced by the air and the other of approximate quiescence, the pulp in both zones being under normal atmospheric pressure; isolating said zones from each other and confining the flow from the first to the second to a restricted approximately horizontal path below the surface of the pulp, and removing mineral-bearing froth from the zone of quiescence.

1,646,020. DIFFERENTIAL GEAR FOR MOTOR VEHICLES. HERMANN FÖTTINGER, Berlin-Wilmersdorf, Germany. Filed Mar. 25, 1925. Serial No. 18,291, and in Germany Apr. 5, 1924. 8 Claims. (Cl. 74—100.)

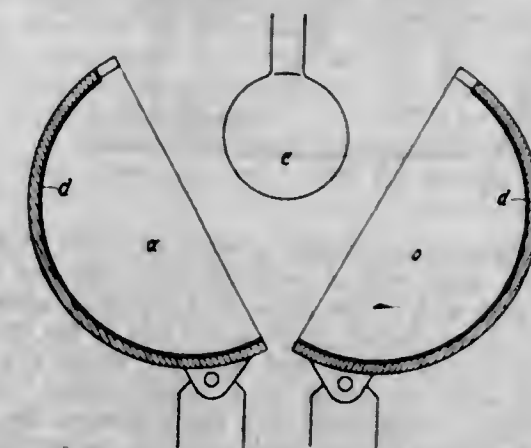
1. A differential gear for motor vehicles comprising in combination with a driving shaft and pinion, a casing, shafts co-axially journaled in said casing, toothed-wheels or gears fixed on said shafts, a carrier member, spur-pinions carried by said member in inter-related engagement with said toothed-wheels or gears and a gear also carried by said member in driven engagement with said

driving pinion, one of said toothed-wheels or gears with the spur-pinions engaging therewith being adapted to cooperate as a gear pump independently of the differ-



ential action of the inter-related differential gears, together with means controlling the flow of liquid displaced by the gears cooperating as the pump.

1,646,021. PRINTING APPARATUS FOR PRINTING INDIA-RUBBER BALLOONS IN AN INFLATED CONDITION. HANS GROSSER, Buenos Aires, Argentina, assignor to The Firm United States Import House Emanuel Van Dam, Amsterdam, Netherlands. Filed Mar. 3, 1927. Serial No. 172,518, and in Germany Apr. 8, 1925. 2 Claims. (Cl. 101—35.)

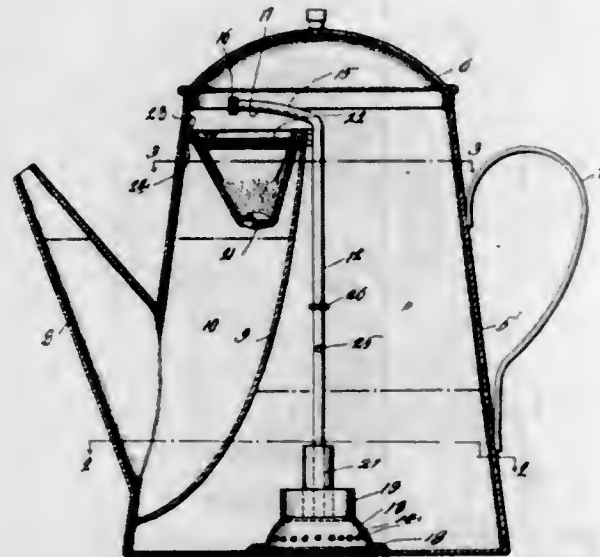


1. Printing apparatus for printing upon india-rubber balloons and the like, comprising a hollow mold capable of being opened for the introduction of the balloon in an uninflated condition, the internal cavity of said mold, when closed, being substantially of the same shape as the balloon when inflated, said mold being formed with a small aperture through which the mouth of the balloon can pass for inflating purposes, and painting surfaces upon the interior of said mold.

1,646,022. PERCOLATOR. ROBERT W. HAGEL, New Orleans, La. Filed Aug. 17, 1925. Serial No. 50,787. 3 Claims. (Cl. 53—3.)

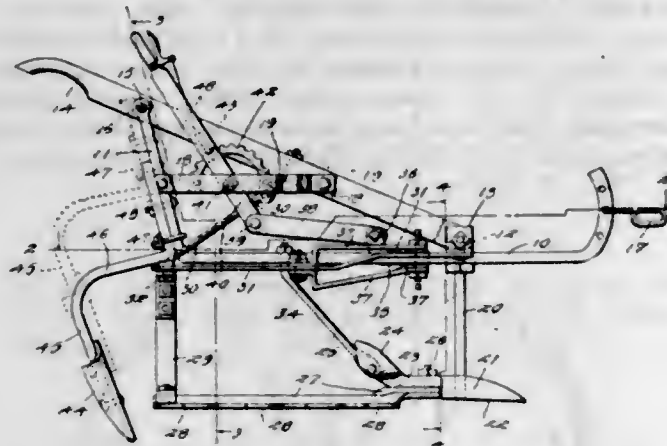
1. In a percolator, a pot, a siphon device including a boiling-water conductor having a bottom inlet, a top outlet and an intermediate vent, and a float valve for automatically closing said vent when the water is above a

predetermined level in the pot and for opening said vent when the water lowers to such level in the pot, said float valve comprising a valve sleeve of buoyant material slid-



ably mounted on the water conductor, and means to limit the upward movement of the float valve on said conductor to a point where the same closes said vent.

1,646,023. AGRICULTURAL IMPLEMENT. AMOS HAWKS, Ogden, Utah. Filed June 26, 1926. Serial No. 118,691. 2 Claims. (Cl. 97-172.)

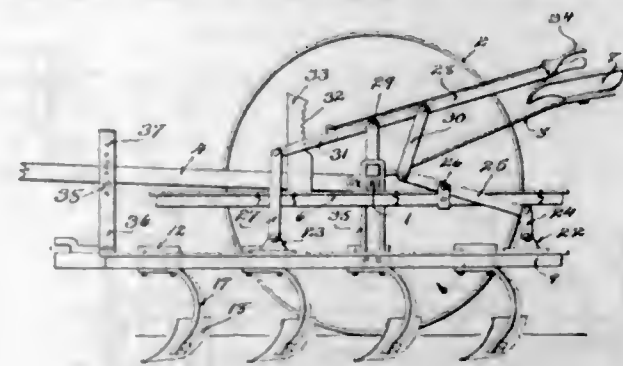


1. A cultivator comprising a beam provided at a point between its ends with a longitudinally disposed slot, a standard attached to the beam at a point in advance of the slot, a share carried at the lower end of the standard, a brace connected at one end with the share and at its other end with the beam at a point behind the slot, blades pivoted to the share at a point between the standard and the brace, a cross head mounted for sliding movement along the slot, a lever mechanism for moving the cross head, and means operatively connecting the cross head with the blades.

1,646,024. CULTIVATOR. PETER HENNES, Menomonee Falls, Wis. Filed July 10, 1926. Serial No. 121,554. 1 Claim. (Cl. 97-243.)

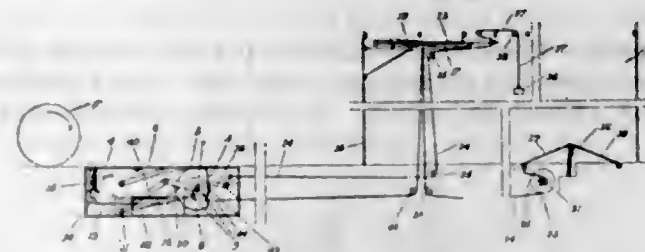
A cultivator comprising a main frame, supporting wheels carried thereby, a movable frame mounted below said main frame, manually controlled levers pivotally mounted on said main frame with said levers located on opposite sides of said main frame, a link extending downwardly from one end of each of said manually controlled levers to said movable frame, an auxiliary lever associated with and positioned below each of said manually controlled levers, said auxiliary lever having one end connected to its corresponding manually controlled lever at a point on the side of the fulcrum of such manually controlled lever opposite from that connected to the said

link, and a link extending downwardly from the free end of each of said auxiliary levers to said movable frame, whereby said movable frame may be independently ad-



justed on either side and whereby each side of the movable frame is retained in a horizontal position lengthwise of the machine in all positions of adjustment.

1,646,025. DOOR-OPERATING MECHANISM. MARTIN JOHNSON and FREDERICK C. HOLLING, Antioch, Calif. Filed Oct. 19, 1925. Serial No. 63,283. 8 Claims. (Cl. 268-35.)

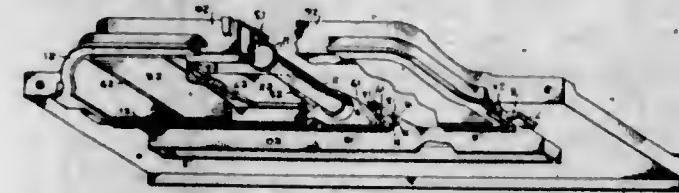


1. A door operating mechanism for garage doors including with a normally closed door, a structure adapted to be actuated by the weight on a wheel of a vehicle approaching the garage for causing said door to automatically open, said structure including a depressible element disposed in the path of a wheel ahead of the garage, means incorporated with said structure whereby such door opening actuation will only take place with every fourth passage of a wheel thereover, a structure in the garage and actuated by an innermost wheel of the vehicle for then closing the door, hand means for then enabling the door to be opened without affecting the depressible element, and further means actuated by a wheel of the vehicle after leaving the garage for again closing the door.

5. A door opening mechanism for garage doors including with a door, releasable means normally holding the door closed, means tending to cause the door to open, a depressible element mounted in the path of movement of a wheel approaching the garage and arranged to be depressed by such wheel, means for releasing the holding means, mechanism including a movable member moved by the depression of the element for actuating the releasing means, and means incorporated with said mechanism for causing such releasing means actuation to take place only with every fourth depression of said element.

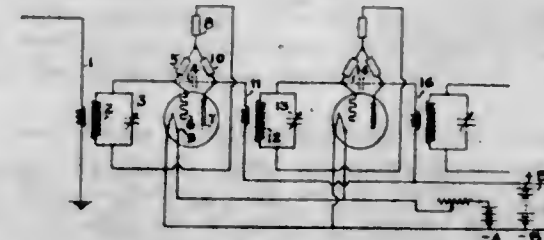
8. A door operating mechanism including, with a normally closed door, a structure adapted to be actuated by the weight on a wheel of a vehicle approaching the garage for causing said door to automatically open, said structure including a depressible element disposed in the path of a wheel ahead of the garage, means incorporated with said structure whereby such door opening actuation will only take place with every fourth depression of the element, further means actuated by a wheel of the vehicle upon leaving the garage for again closing the door; said further means including a depressible element disposed in the path of the wheels outside the garage, and means controlled by successive depressions of the first element for preventing depression of the second element except after every fourth depression of the first element.

1,646,026. HEATER. WALTER KENNEDY, Cliffside, N. J., assignor to Radiant Heat Corporation of America, New York, N. Y., a Corporation of New York. Filed May 23, 1923. Serial No. 640,810. 16 Claims. (Cl. 126-92.)



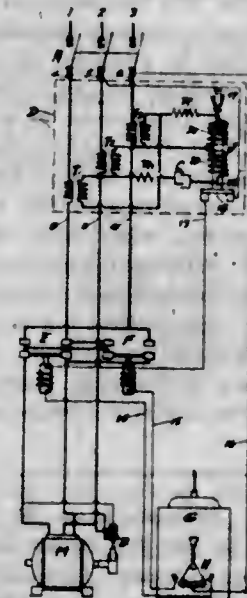
1. In a heater of the class described, a base section having a removable hearth, a removable grille holder back of the same, and removable burners beneath said hearth.

1,646,027. METHOD AND MEANS FOR STABILIZING AMPLIFIERS. EDWARD H. LANGE, Baltimore, Md. Filed Mar. 27, 1926. Serial No. 97,916. 9 Claims. (Cl. 179-171.)



1. The circuit connections preventing transfer of energy from a first circuit carrying a high frequency alternating current to a second circuit having a conductive connection with the first circuit and inherent electrostatic coupling with the first circuit, which consist of bridging the terminals of the inherent electrostatic coupling by means of a capacitive coupling, and connecting an intermediate point of said capacitive coupling by means of an inductance to said conductive connection, thereby opposing the portion of the voltage across the first circuit between the conductive connection and said intermediate point to a portion of the voltage of opposite phase across said capacitive coupling, and producing a resultant voltage of zero in the second circuit between the terminal of said inherent electrostatic coupling and conductive connection, due to alternating currents in the first circuit.

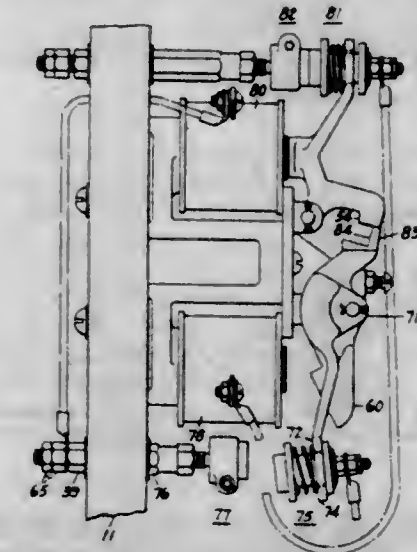
1,646,028. ELECTRIC SAFETY APPARATUS. JACOB D. LEWIS, Yonkers, and ANTHONY PINTO, New York, N. Y., assignors to Otis Elevator Company, Jersey City, N. J., a Corporation of New Jersey. Filed Aug. 27, 1923. Serial No. 659,447. 13 Claims. (Cl. 175-294.)



1. A protective apparatus for a polyphase system, responsive to phase reversal and phase failure, comprising, a winding, a movable member controlled thereby,

means for connecting a portion of said winding in current relation with the conductors for one phase of said system, and means for connecting another portion of said winding in current relation with the conductors of another phase of said system, said last included means comprising phase displacing means.

1,646,029. ELECTROMAGNETIC SWITCH. DAVID L. LINDQUIST, Hartsdale, N. Y., EDWARD L. DUNN, East Orange, N. J., and DAVID C. LARSON, Yonkers, N. Y., assignors to Otis Elevator Company, Jersey City, N. J., a Corporation of New Jersey. Original application filed Feb. 3, 1925, Serial No. 6,561. Divided and this application filed Oct. 10, 1925. Serial No. 61,741. 10 Claims. (Cl. 200-107.)



3. A switch comprising, a pair of normally open contacts, a pair of normally closed contacts, means for closing the first contacts, said means comprising an operating member, and means for separating said second contacts, the operating member and second named means being constructed and arranged to retain each pair of contacts in their closed position.

10. A switch comprising, a frame member, an electromagnet mounted on the frame member, an armature pivotally secured to the frame member and arranged to be attracted by the electromagnet, said armature being biased to unattracted position, a contact carried by the armature, a stationary contact arranged to be engaged by the first named contact with the armature in attracted position, an arm formed on the armature, a latching member pivotally secured to the frame member and arranged to form a stop for the arm when the electromagnet is deenergized to latch the contacts in engagement, said latching member being biased to latching position, a second electromagnet mounted on the frame member, and a second armature pivotally secured to the frame member and arranged to be attracted by the second electromagnet, said second armature being biased to unattracted position, the latching member being disposed in the path of the second armature but spaced therefrom so that second armature upon being attracted will strike the latching member a hammer blow causing the latching member to release the first armature, separating the contacts, the latching member being further provided with an additional stop to determine the unattracted position of the first armature.

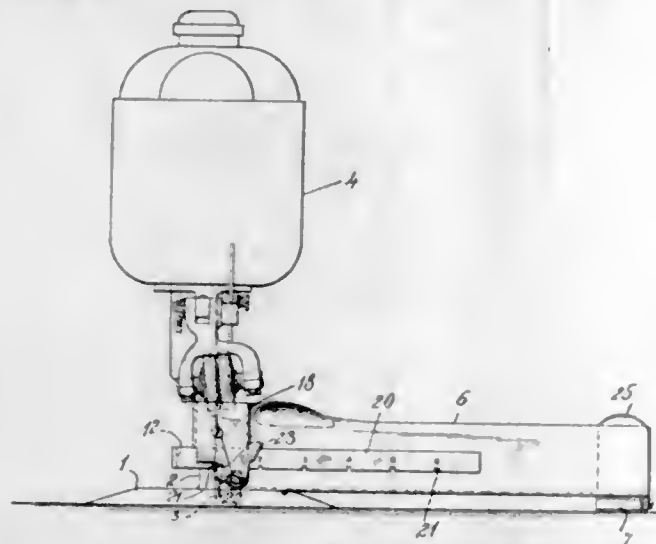
1,646,030. ADJUSTABLE SHELL. ASA E. LINENDOLL, Norwalk, Ohio. Filed Dec. 16, 1926. Serial No. 155,294. 2 Claims. (Cl. 257-241.)



1. In combination, a shell member and a cylindrical member, the shell member having a stepped circular

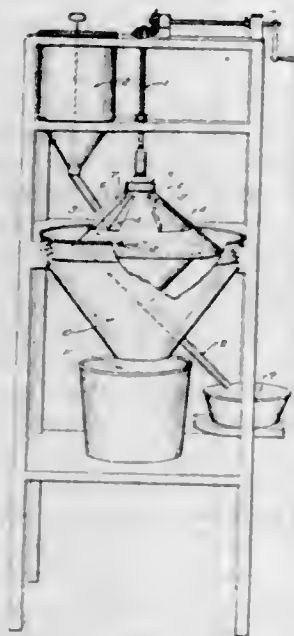
dange, the steps joined by relatively thin cylindrical webs whereby stepped portions may be removed by separating the steps from the body of the shell along the webs leaving a stepped portion whose inner diameter is substantially the same as that of the cylindrical member.

1,646,031. CLOTH-CUTTING MACHINE. DAVID S. MAININ, New York, N. Y., assignor to H. Maitlin Company, Incorporated, a Corporation of New York. Filed Dec. 17, 1925. Serial No. 75,990. 2 Claims. (Cl. 164-76.)



1. A cloth-cutting machine comprising the combination of a knife, a base on which the knife is mounted, a carriage transversely movable for supporting a roll of cloth, a slotted arm on said carriage, a guide on the base extending into the slot of the arm and a stop on the carriage for determining the length of the roll to be cut.

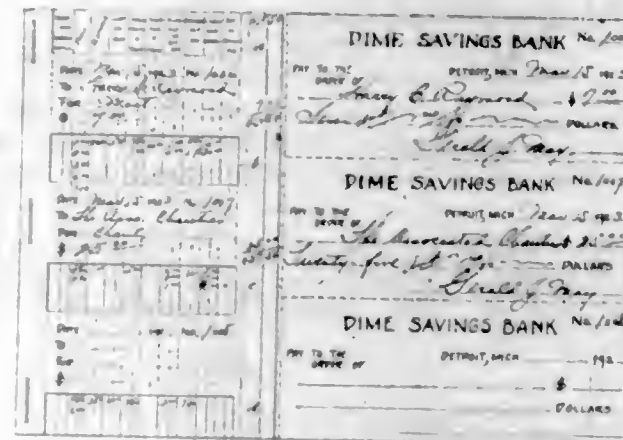
1,646,032. ORE-SAMPLING MACHINE. SEWARD MASON, Helena, Mont. Filed May 4, 1925. Serial No. 27,999. 2 Claims. (Cl. 73-21.)



1. A sampling machine of the class described, including a frame, a cone-shaped member, means for rotatably mounting the cone-shaped member in the frame, a second cone-shaped member on the first cone-shaped member, said second cone-shaped member having openings, a wing extending from each of the opposite edges of the openings in the two members, the wings from the inner member extend-

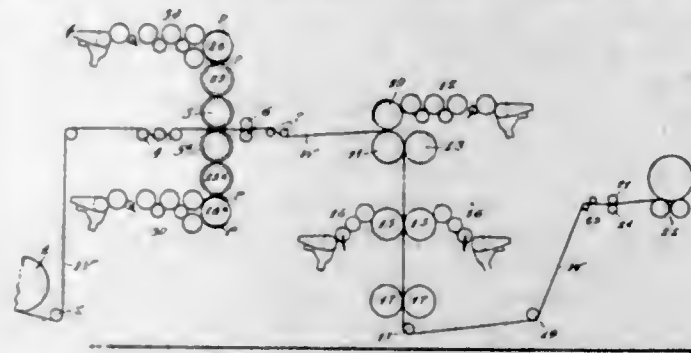
ing through the openings of the outer member, and means for holding the members in different adjusted positions in relation to each other.

1,646,033. CHECK BOOK. GERALD J. MAY, Detroit, Mich. Filed Aug. 27, 1923. Serial No. 659,448. 3 Claims. (Cl. 283-58.)



2. A check book comprising a series of sheets, each sheet consisting of a plurality of blank checks and stubs, a plurality of openings in the stub portion of each sheet registering with similar openings in the adjacent sheets, and a blank account sheet with suitable headings and columns, said headings and columns being exposed through said openings for receiving notations corresponding to the notations on the stubs.

1,646,034. PRINTING APPARATUS. GEORGE A. MAYER, Lakewood, Ohio, assignor to The Manifold Company, Cleveland, Ohio, a Corporation of Ohio. Filed June 6, 1925. Serial No. 35,293. 1 Claim. (Cl. 101-221.)

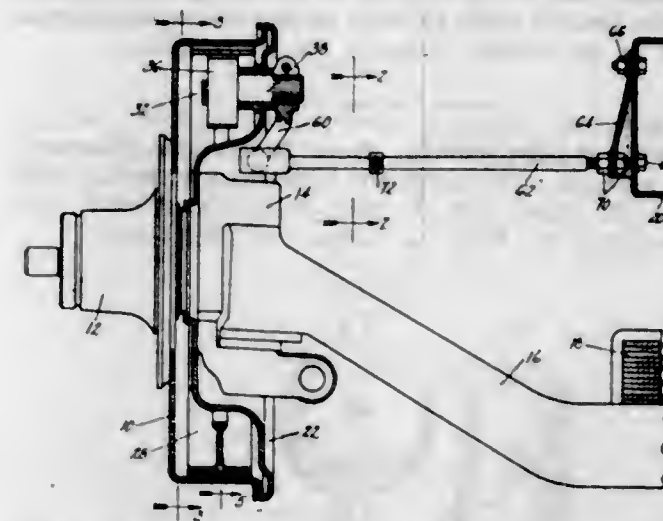


In printing apparatus, the combination of two combined impression and transfer cylinders between which a continuous web of material is adapted to be fed, said cylinders simultaneously contacting with the opposite sides of the web on the same transverse line, means for positively feeding the web at the surface speed of said cylinders immediately in advance of and beyond the line of contact between said cylinders and the web, two transfer cylinders, one cooperating with each of the first mentioned cylinders, two printing cylinders, one associated with each of the second mentioned cylinders, a relief type plate bearing a form composition carried by each of the printing cylinders, inking mechanism for each of the printing cylinders, and numbering mechanism to which the web is subjected for serially numbering the forms impressed thereon.

1,646,035. BRAKE. MONTGOMERY W. MCCONKEY, Chicago, Ill., assignor to Bendix Brake Company, Chicago, Ill., a Corporation of Illinois. Filed Dec. 31, 1925. Serial No. 78,553. 14 Claims. (Cl. 188-194.)

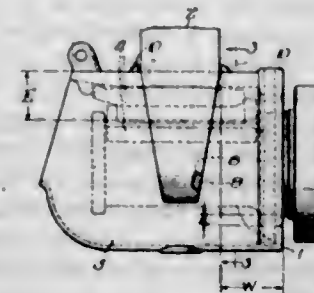
1. A swivelled wheel having a brake and operating mechanism for the brake comprising, in combination, a

lever fulcrumed at its inner end and having a brake-applying portion at its outer end movable from an idle position



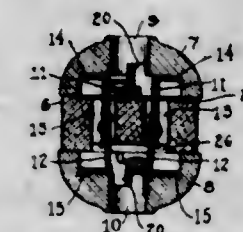
tion spaced materially from the swivelling axis of the wheel toward that axis, and brake-applying means engaging the lever between its ends.

1,646,036. JOURNAL-BOX STRUCTURE. PAUL J. McCULLOUGH, St. Louis, Mo., assignor, by mesne assignments, to Seullin Steel Co., St. Louis, Mo., a Corporation of Delaware. Filed Jan. 14, 1926. Serial No. 81,150. 3 Claims. (Cl. 105-220.)



1. In a railway car, a side frame and a journal box, said side frame and journal box having cooperating members for locking same against separation under service conditions, said journal box being provided with removable means for preventing the rotating of said journal box relative to said side frame, said locking members being of a size to clear one another when said journal box is rotated relative to said side frame to a predetermined degree in a direction transverse to said side frame.

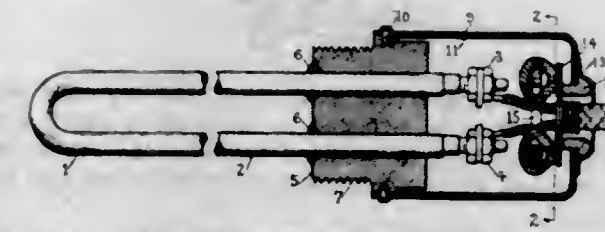
1,646,037. ELECTRICAL CONNECTER. GEORGE J. MUEER, Milwaukee, Wis., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis., a Corporation of Wisconsin. Filed Feb. 21, 1920. Serial No. 360,357. 11 Claims. (Cl. 173-332.)



1. In combination, cooperating members provided with contacts to be engaged and disengaged by substantially rectilinear movement, the contacts of one of said members projecting therebeyond and the contacts of the other member being relatively narrower and confined in substantially V-shaped passages therein, said last mentioned contacts being located adjacent to the converging point of the

walls of said passages, and said other contacts being admissible into said passages only at a predetermined distance from said converging point to thereby insure proper engagement of the respective contacts.

1,646,038. STRAIN RELIEF FOR THE TERMINAL CONNECTIONS OF ELECTRICAL DEVICES. WILLIAM W. MILLER, New York, N. Y., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis., a Corporation of Wisconsin. Filed June 29, 1922. Serial No. 571,651. 5 Claims. (Cl. 173-322.)



1. The combination with an electrical device including a base having spaced terminal devices thereon, a cover for said terminal devices, terminal wires passing through an opening in said cover and connected to said terminal devices and strain relieving means within said cover including a plurality of washers through which said wires extend one of said washers having said terminal wires looped around the same and another of said washers being interposed between the looped portions of said wires and said cover.

1,646,039. POST DRIVER. CRAWFORD B. MURTON, Chicago Heights, Ill., assignor to Inland Steel Company, Chicago, Ill., a Corporation of Delaware. Filed Sept. 6, 1923. Serial No. 661,214. 4 Claims. (Cl. 61-73.)

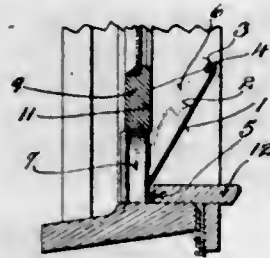


1. A post driver comprising a sleeve and a weight in the upper end of the sleeve, the weight having a deep annular recess in the side and the metal of the sleeve being deformed to enter said recess.

1,646,040. ADJUSTABLE WINDOW VENTILATOR. JOSEPH NIEBS, Milwaukee, Wis. Filed June 26, 1925. Serial No. 39,720. 1 Claim. (Cl. 93-99.)

A ventilator adapted for positioning within a window casing provided with stops and with a movable sash; said ventilator comprising a pair of metal members, each of said members having a vertical lower portion and having an outwardly extending portion, said members overlapping and having their marginal edges interengaging to permit expansion of said ventilator to fit windows of different sizes with the vertical portions fitting within the window ledge, each of said members having triangular end portions provided with outwardly projecting channel

adapted for positioning between the stops of the window casing and having abrupt upper shoulders adapted to be engaged by the window sash, and having vertical faces above the said shoulders contacting with the inner face of the window sash, said channels having outwardly ex-



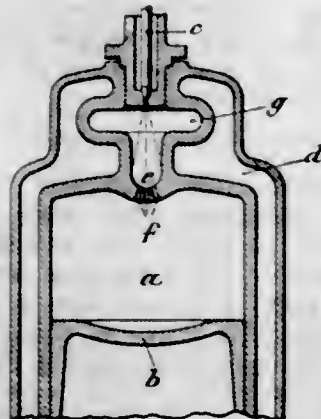
tending lips fitting over the said stops whereby said window ventilator may be adjusted to the desired width with the channel members in position between the stops and may be retained by the joint action of the stops and the window sash.

1,646,041. BROOM. JAMES MCBAIN REID, Parry Sound, Ontario, Canada, assignor to James Oliver Reid and James McBain Reid, trading under the firm name J. M. and J. O. Reid, Parry Sound, Canada. Filed Feb. 4, 1925. Serial No. 6,891. 2 Claims. (Cl. 15-178.)



1. In a broom, the combination of a holder formed of a pair of sections hingedly connected at their lower ends; an extension on the upper end of each section; a handle adapted to be clamped between said extensions, said handle having an annular groove formed therein, and said extensions being provided with ribs adapted to be received in said annular groove; means for releasably holding said extensions in handle clamping position; and a filler adapted to have its upper portion received between said sections.

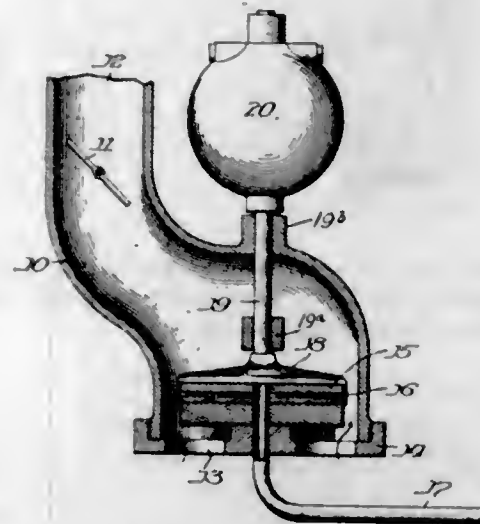
1,646,042. HIGH-PRESSURE CRUDE-OIL MOTOR, ERNST SCHAEFEN, Bern, Switzerland, assignor to Busch-Sulzer Bros.-Diesel Engine Co., St. Louis, Mo. Filed Dec. 15, 1921, Serial No. 522,677, and in Switzerland Aug. 3, 1921. 1 Claim. (Cl. 123-33.)



In a fuel injection engine the combination of a primary explosion chamber in communication with the cylinder, said chamber comprising a tubular space adjacent the

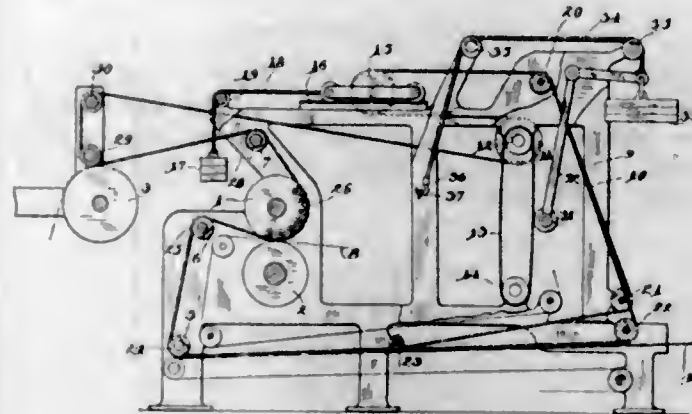
cylinder and a second space extending transversely of the first space and of a depth less than the width of the first space, and a water jacket so enclosing said chamber that the interior walls of both of said spaces are equally subject to the cooling action of the water jacket.

1,646,043. CARBURETOR. BURT D. STEVENS, Evanston, Ill., assignor of three-fourths to William V. Kelley, Chicago, Ill. Filed Apr. 10, 1916, Serial No. 470,947. Renewed May 19, 1921. 6 Claims. (Cl. 261-12.)



1. In a carburetor, the combination of a casing having inlet and outlet openings, a throttle valve near said outlet opening, fuel feeding means near said inlet opening, said last-named means including a plate, means for supplying heat to said plate, means for supplying the liquid to said plate at a point near the axis thereof, a rotatable member having a surface adapted to bear against said plate and to be separated therefrom, means for rotating said rotatable member at a variable speed, and means connected to said throttle valve to regulate the speed of the rotating member.

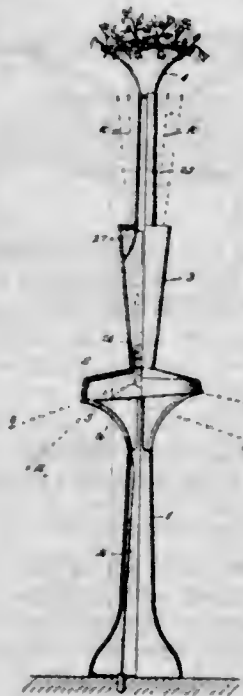
1,646,044. ROPE PAPER-CARRIER FOR PAPER MACHINES. JOSEPH F. THIBODEAU, ADELARD DEGUIRE, WILLIAM TURNER, and ARCHIBALD McDERMID, Espanola, Ontario, Canada, assignors to The Spanish River Pulp & Paper Mills, Limited, Espanola, Canada. Filed Oct. 21, 1926. Serial No. 143,109. 9 Claims. (Cl. 92-49.)



1. In a paper-making machine the combination with a pair of rolls between which a web of paper is to be led; of means for carrying a lead strip thereto comprising a pair of endless ropes; normally stationary guiding means for the ropes at one end of one of the rolls for guiding the ropes side by side around the roll below the web-carrying surface thereof; guiding sheaves around which the ropes are carried to and from the aforesaid roll; sheaves in

front of the latter being adapted to separate the ropes so that the end of the lead strip may be placed between them; and means whereby the said ropes may be driven at will from a constantly rotating part of the machine.

1,646,045. STREET-LIGHTING SYSTEM. WILLIAM VAN ALLEN, Brooklyn, N. Y. Filed June 14, 1923. Serial No. 645,237. 2 Claims. (Cl. 240-25.)

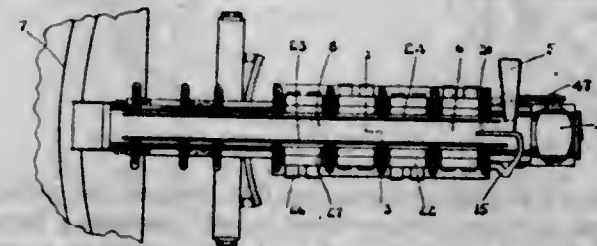


1. A street lighting unit comprising a hollow post comprising a base, an intermediate dual reflector, and an upper ornamental extension, a light source enclosed by the reflector, the lower reflector being flared and situate below the normal plane of vision, and the upper reflector being adapted to reflect light rays to the ornamental forms on the upper extension.

1,646,046. PROCESS OF REVIVIFYING FIRE-EXTINGUISHING SOLUTIONS. CLIFFORD B. WHITE, Utica, N. Y., assignor to Foamite-Childs Corporation, Utica, N. Y., a Corporation of Delaware. Filed July 25, 1925. Serial No. 45,960. 2 Claims. (Cl. 23-11.)

1. The process of revivifying basic solutions used in foam-type fire extinguishing systems, which consists in closing off the normal delivery connection between the solution tank and the fire pump, using said pump to circulate the solution through an absorber and maintaining the latter charged with CO₂.

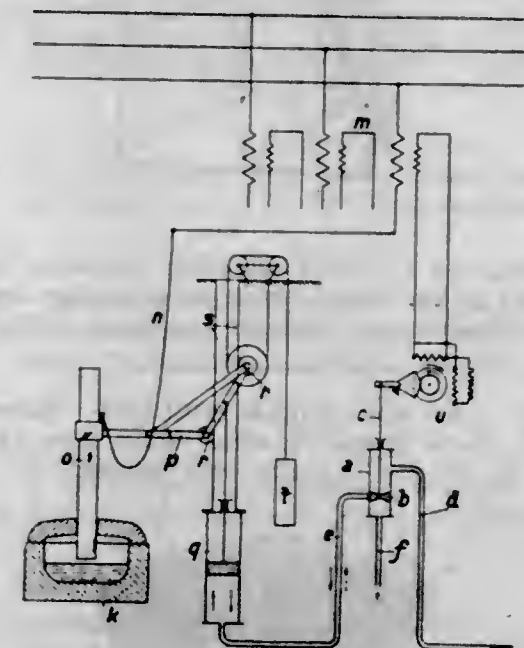
1,646,047. LEER CONVEYER. PERCY Q. WILLIAMS, Huntington, W. Va. Original application filed June 3, 1922, Serial No. 565,732. Divided and this application filed May 2, 1923. Serial No. 636,267. 7 Claims. (Cl. 49-47.)



1. In a device of the class described the combination of a conveyer for bottles to be rolled on their sides, of a series of nozzles to direct blasts of air transversely of the

conveyer, adjacent nozzles directing the air blasts in opposite directions whereby the air blasts may cool and roll the bottles.

1,646,048. AUTOMATIC REGULATING APPARATUS FOR ELECTRIC FURNACES. ERNST WIRZ, Baden, Switzerland, assignor to Aktiengesellschaft Brown, Boveri and Cie., Baden, Switzerland. Filed Apr. 21, 1925, Serial No. 24,859, and in Germany May 7, 1924. 6 Claims. (Cl. 204-64.)



1. Automatic regulating apparatus for electric furnaces of the movable electrode type including hydraulic means for adjusting the position of the electrodes, an electric governor connected to a valve controlling the supply of the hydraulic medium to said hydraulic means, the operative area of the valve port per unit of travel of the valve being graded, i. e. dependent on the position of the valve.

1,646,049. CURTAIN ROD. JAMES H. BOYE, Chicago, Ill., assignor to James H. Boye Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed May 19, 1926. Serial No. 110,069. 5 Claims. (Cl. 156-19.)

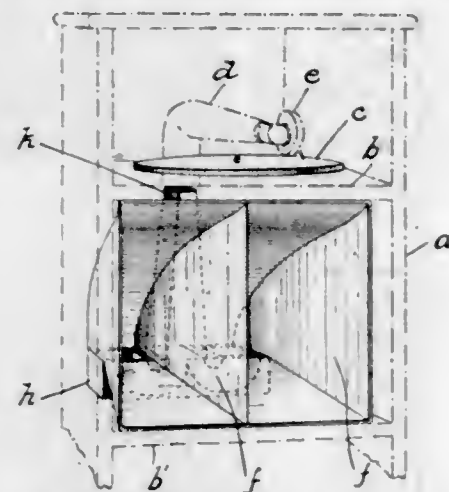


4. In a telescoping curtain rod, the combination of an outer oval rod section, an inner oval rod section formed with openings through its upper and lower edges and with inwardly extending stops in rear of said openings, and a transversely elastic member mounted in said inner rod section abutting at one end thereof against said stops and formed with protuberances projecting through said openings into frictional bearing engagement with the upper and lower edge walls of said outer rod section.

1,646,050. AMPLIFIER. JOHN L. BROWN, Philadelphia, Pa., assignor to The Pooley Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed May 4, 1926. Serial No. 104,602. 6 Claims. (Cl. 181-27.)

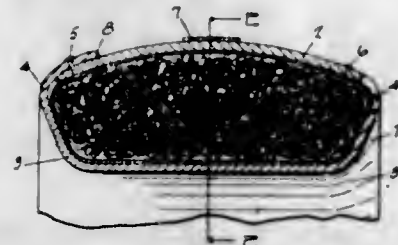
1. An amplifier having a pair of horns each tapering from the front to the rear thereof, there being an inlet

opening leading into each of said horns at the rear thereof between the backs and fronts of the horns, a tone arm between the horns at the rear thereof, and having an out-



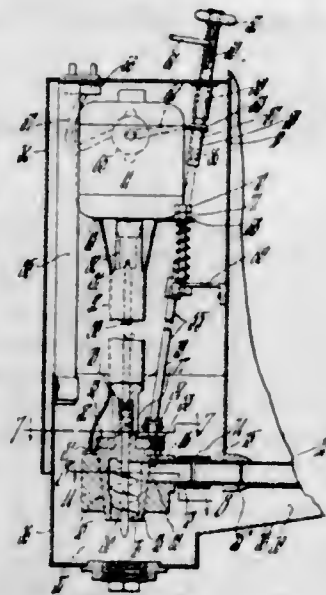
let opening, and a conduit extending from each horn inlet opening to the outlet opening from the tone arm, said conduits lying between the backs and fronts of the horns.

1,646,051. CAP FOR HORSE COLLARS. MAURICE H. BROWN, North Baltimore, Ohio. Filed June 18, 1926. Serial No. 116,840. 1 Claim. (Cl. 54-19.)



In a horse collar cap, a leather part having curved upwardly extending portions and curved inward edge portions, the edges extending substantially towards each other, the said leather part having tongues protruding from its edges, a second leather part, the edge portions of the said second part being connected to the said tongues.

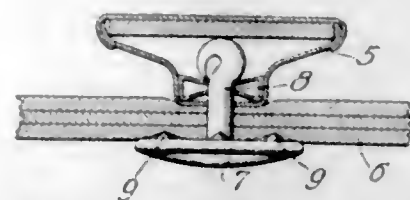
1,646,052. DISHWASHING MACHINE. HENRY CAVE, Hartford, Conn., assignor, by mesne assignments, to General Railway Signal Company, a Corporation of New York. Filed Feb. 10, 1921. Serial No. 444,022. 22 Claims. (Cl. 141-9.)



1. In a washing machine, a drum-like washing tank, a pumping unit electrically driven at high speeds, and means for jointly conducting fluid to said washing tank

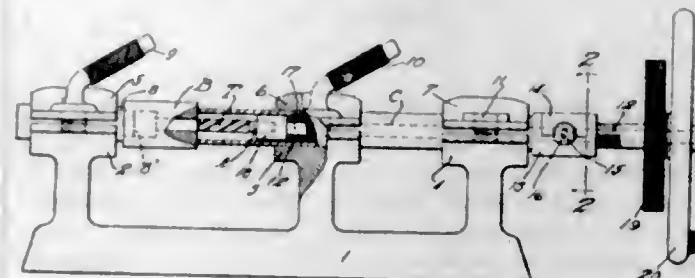
and flexibly connecting said unit to the tank so as to prevent the vibrations incident to its high speed operation from passing to the tank and being intensified thereby.

1,646,053. BUTTON FASTENING. JOHN M. CLARK, Detroit, Mich., assignor to Universal Button Fastening & Button Company, Detroit, Mich., a Corporation of Michigan. Filed Feb. 16, 1925. Serial No. 9,462. 2 Claims. (Cl. 24-95.)



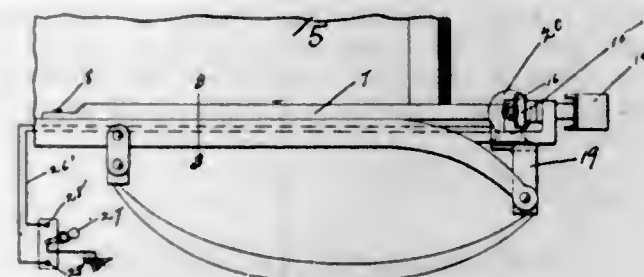
1. Button fastening means comprising in combination a fastener having a cylindrical fastening prong and a head having a plurality of spaced fabric-gripping points which grip but do not pass through the fabric to which the fastener is applied, a button into which said prong enters and means for upsetting the prong of the fastener inside the button to attach the button, said button being free to rotate about the prong of the fastener but said fastener being held against rotation by said fabric-gripping points.

1,646,054. REAMING APPARATUS. FREDERICK W. CONANT, Conway, Mass. Filed June 1, 1926. Serial No. 112,555. 8 Claims. (Cl. 77-3.)



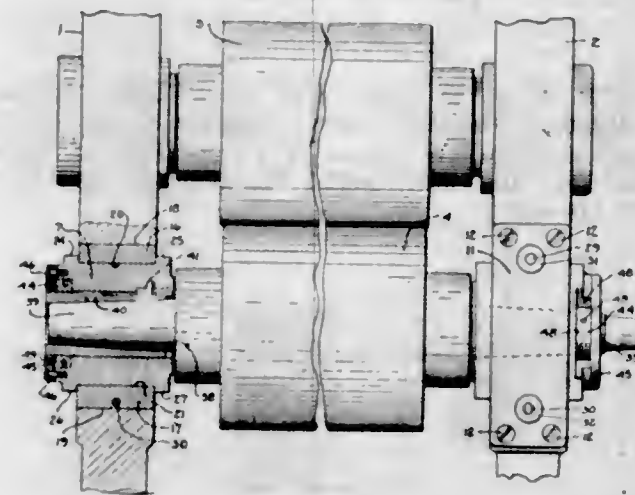
1. An apparatus of the class described comprising in combination, relatively movable work clamping members for supporting work, a rotatable tool guided in one of said members adapted for reciprocating movements relative thereto, means associated with said tool and clamp for feeding the tool relative thereto in step by step movements as the tool is rotated with respect to the clamp.

1,646,055. EXTENSIBLE AND CONTRACTIBLE BUMPER FOR VEHICLES. ALBERT E. EBAUGH, Baltimore, Md. Filed Jan. 15, 1927. Serial No. 161,305. 5 Claims. (Cl. 293-55.)



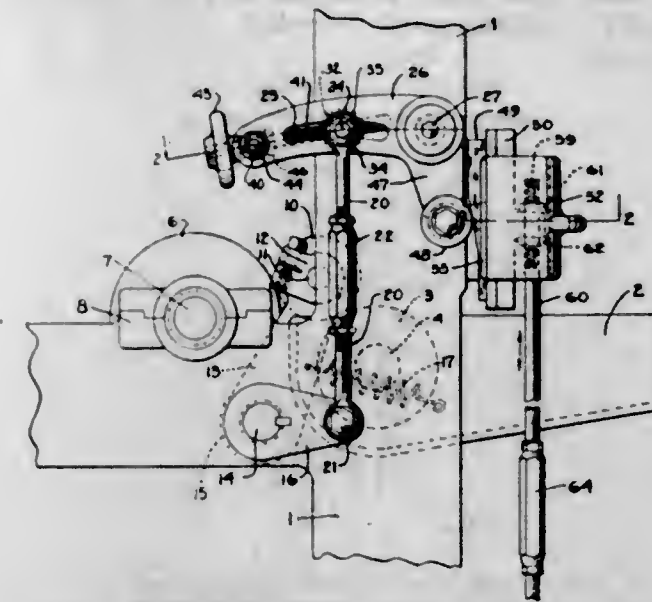
1. An extensible and contractible bumper for vehicles, including casings, bars mounted in said casings, a bumper secured to the outer ends of said bars, bearings supporting said bars, a geared bushing surrounding each of said bars, and means meshing with said geared bushings whereby said bars may be contracted or extended with relation to the casings.

1,646,056. CYLINDER BEARING. WILLIAM EVENSEN, Chicago, Ill., assignor to Goss Printing Press Company, a Corporation of Illinois. Filed July 2, 1928. Serial No. 648,983. 7 Claims. (Cl. 308-70.)



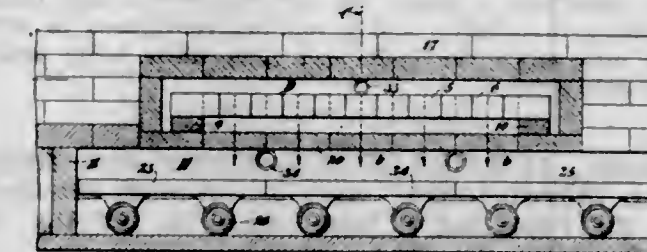
1. A shaft bearing for the shaft of a printing press cylinder including in combination a journal box, a bushing therein having an internal aperture beveled decreasingly outwardly to journal a similarly beveled shaft, means preventing rotation of said bushing in said journal, means for axially shifting the shaft comprising a screw-thread on the outer end of the bushing, a nut screwed onto said screw-thread, and means preventing axial movement of the nut relative to the journal box comprising a nut abutment seat on the exterior face of said journal box, and a cap secured to said journal box and holding said nut thereagainst.

1,646,057. PRINTING-PRESS INKING MECHANISM. WILLIAM EVENSEN, Chicago, Ill., assignor to Goss Printing Press Company, a Corporation of Illinois. Filed July 2, 1928. Serial No. 648,984. 11 Claims. (Cl. 101-363.)



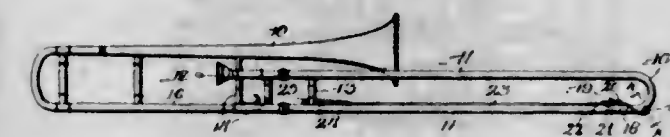
1. In a printing press inking mechanism having, in combination, an ink fountain roller, an ink drum and a ductor roll oscillatable therebetween, means for oscillating said ductor roll including a lever member and a link member pivotally associated therewith, and means for varying the path of oscillation of said ductor roll including an arcuate guideway on one of said members and means for variably positioning the other member in said arcuate guideway.

1,646,058. ELECTRIC FURNACE. FRANCIS A. J. FITZGERALD, Niagara Falls, N. Y., assignor to Harper Electric Furnace Corporation, a Corporation of New York. Filed May 26, 1925. Serial No. 32,875. 12 Claims. (Cl. 204-64.)



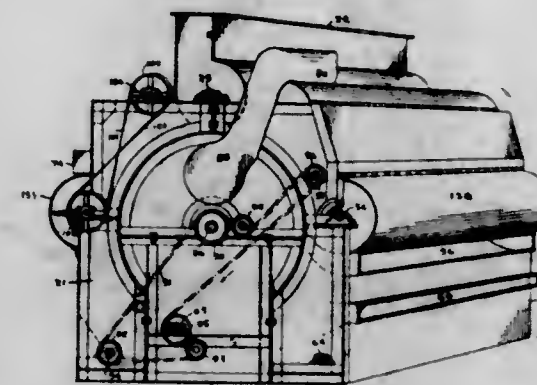
1. In an electric furnace, a heat chamber having a lining comprising coalescing blocks of carborundum.

1,646,059. MUSICAL INSTRUMENT. WILLIAM J. HESS and JACOB HULTGREEN, Chicago, Ill. Filed July 1, 1926. Serial No. 121,798. 2 Claims. (Cl. 84-397.)



1. A trombone including a slide member having a moisture discharge outlet adjacent and to one side of the U bend of the slide, a valve for controlling said outlet, a tubular casing extending along the slide member and terminating adjacent the valve, a flexible element extending through the tubular casing and connected with the valve, a cross bar on the slide forming a handle and into which bar one end of the tubular casing projects, and an operating member connected with the flexible member adjacent the cross bar and disposed in a position to be engaged by a finger of the hand which grips the cross bar for actuating the valve through the medium of the said flexible member.

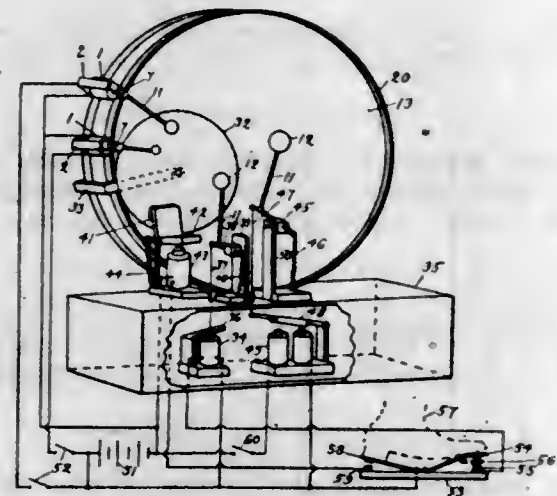
1,646,060. COMPOUND VACUUM COTTON GIN. JAMES FRANKLIN LEVASSING, Atlantic City, N. J., assignor of one-half to Violet Clark Farnet, Valley Falls, Kans. Filed Apr. 18, 1925. Serial No. 24,130. 2 Claims. (Cl. 19-50.)



1. In a cotton gin, the following elements in combination: a frame; a rotating hollow drum journaled in said frame, the cylindrical surface of which is perforated to permit the passage of air; means adapted to exhaust the air from the interior of said drum; devices adapted to deliver cotton bolls into contact with the outer surface

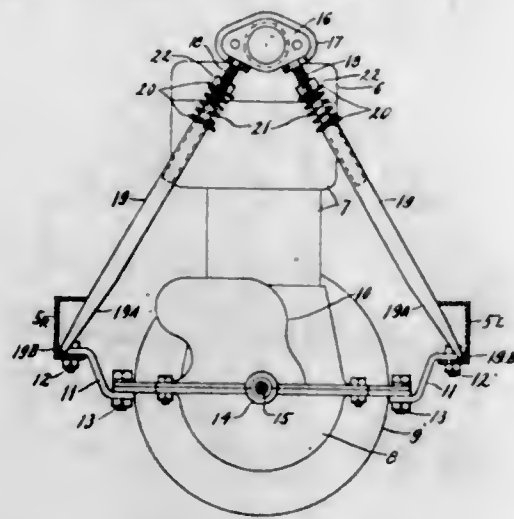
of said drum and to allow said drum to strip the lint cotton therefrom by suction; devices adapted to remove the seed from said cotton and deliver it out of the machine; and devices adapted to remove the cotton from said drum and deliver it out of the machine; said means adapted to deliver cotton bolls into contact with the drum comprising a hopper for the reception of said bolls, a rotating distributor, and a roll box contiguous to said drum into which the bolls may pass while being acted on by said drum.

1,646,061. ELECTRICAL ATTACHMENT FOR MUSICAL INSTRUMENTS. ALEX. M. LIFSHITZ, Brooklyn, N. Y. Filed Aug. 5, 1926. Serial No. 127,418. 3 Claims. (Cl. 84-422.)



1. In an electric attachment for musical instruments, the combination with a bracket adapted to be clamped to the hoop of a drum, flexible members extending from said clamp and converging together at a distance from said clamp, a magnet, means to attach said magnet to said flexible members at the point of their convergence, means to change the angular position of said magnet in relation to said drum, and an armature with a mallet adapted to be operated by said magnet.

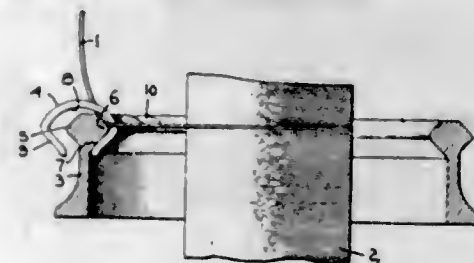
1,646,062. MOTOR BRACE. ALLEN W. McLAUGHLIN, River Falls, Wis. Filed Mar. 15, 1926. Serial No. 94,945. 2 Claims. (Cl. 180-64.)



1. A vibration reducing device for a vertical engine mounted in three point suspension in a quadrangular frame, one of said points being in the lower front part of the engine and the other points at opposite sides of the rear part of the engine; said device comprising a yoke engaging the upper forward and central part of said

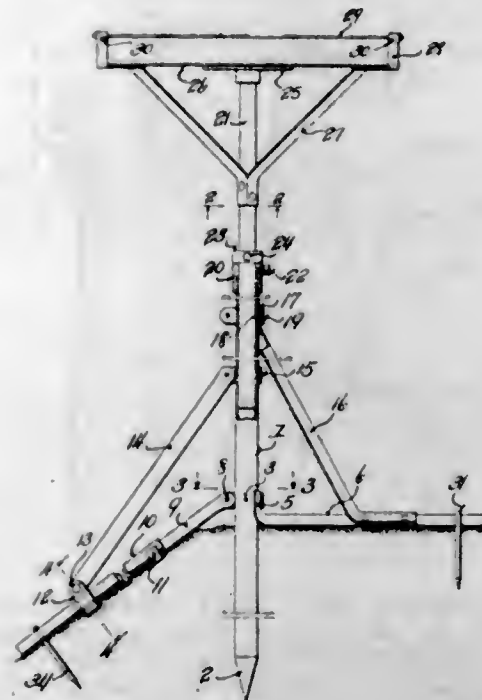
engine and two telescopic brace members extending downwardly and outwardly from said yoke, in inverted V form, the lower end of each said brace adapted to frictionally engage said frame in spaced relation to the single engine suspension point and tension means on each said telescopic brace for yieldably supporting the said upper front part of the engine.

1,646,063. SPINNING RING AND TRAVELER. CHARLES F. MERRILL, Hopedale, Mass., assignor to Draper Corporation, Hopedale, Mass., a Corporation of Maine. Filed Feb. 18, 1927. Serial No. 169,350. 13 Claims. (Cl. 118-59.)



11. A spinning mechanism comprising a spinning ring, the inner periphery of which comprises upper and lower inwardly converging bearing surfaces, the upper surface being convex, a traveler having its inner horn and the adjacent bow section presenting the same angular relation as the said surfaces, the draft on the yarn and the centrifugal force generated by the revolution of the traveler acting to cause the traveler to run with its inner horn riding on the said lower bearing surface of the ring and with the inner side of the adjacent bow section extending substantially equidistant from and close to said upper bearing surface with the yarn extending, pressed, and forming a bearing medium therebetween, and means for relieving the bearing pressure on the yarn during a portion of each revolution of the traveler to release the yarn for winding.

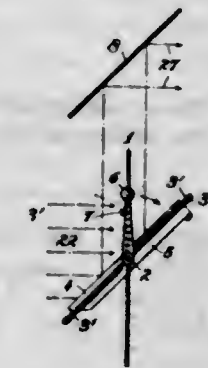
1,646,064. MAIL-BOX POST. GEORGE J. OBERMEYER, Jr., West Bend, Wis. Filed Aug. 9, 1926. Serial No. 128,012. 2 Claims. (Cl. 248-41.)



1. A supporting platform, comprising a central stand adapted to be driven into the ground, a plate of rectangular contour carried by the upper end of said

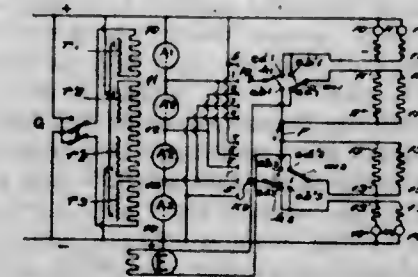
standard, a plurality of braces secured at one end to said standard and secured adjacent the other end to the corners of said plate, said braces having upwardly extending corner portions, and a plurality of longitudinally and laterally extending rods joining said corner portions.

1,646,065. APPARATUS FOR X-RAY EXAMINATION AND X-RAY PHOTOGRAPHING. MAX POEHLMANN, Berlin-Kaulsdorf, Germany, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, Germany, a Corporation of Germany. Filed Jan. 16, 1926. Serial No. 51,803, and in Germany Apr. 14, 1925. 13 Claims. (Cl. 250-34.)



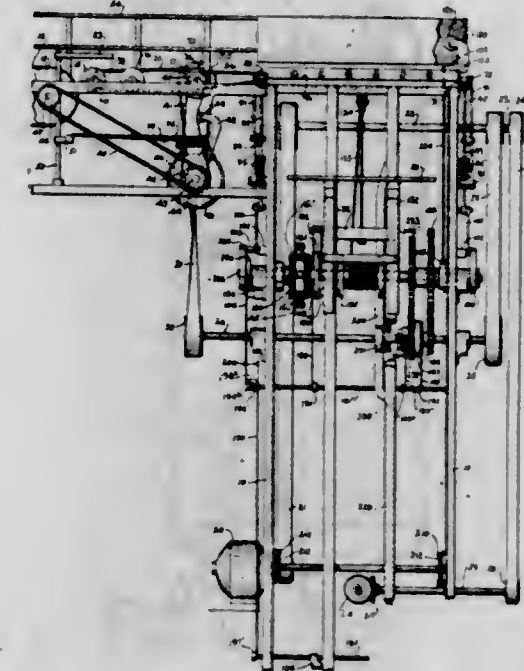
1. An apparatus for performing radioscopy and radiography at will, comprising in combination, a support, a device on the same for receiving a photographic box, a fluorescent screen on said support and a turning shaft for the said support arranged parallel to the main faces of the support and of the said fluorescent screen, whereby the said device for receiving the photographic box and the said fluorescent screen are arranged in such a manner, that either one of them can be brought into the path of the X-rays when the said shaft is turned.

1,646,066. TRANSFORMING MACHINE WITH SYMMETRICALLY-SUBDIVIDED FLUX FOR THE CONTROL OF TRACTION MOTORS OR THE LIKE. ANGELO DELLA RICCIA, Brussels, Belgium. Filed June 25, 1924. Serial No. 722,384, and in France June 26, 1923. 5 Claims. (Cl. 172-239.)



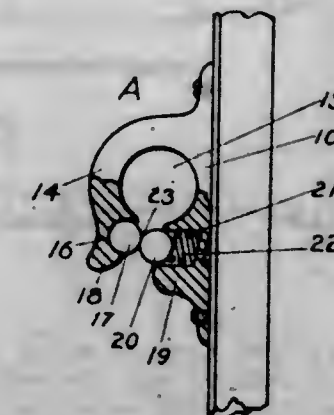
1. The combination with a main distributing line, and balanced groups of motors having subdivided field windings of a motor-generator transformer having end and intermediate armatures connected in series across the line, an exciter, means connecting said exciter to a portion of each of said motor field windings, means for short-circuiting the armatures of said motors, field windings for said end armatures, field windings for said intermediate armatures, means for varying the fluxes generated by said field windings, and means for reversing the direction of the current in the field windings of said end armatures.

1,646,067. STACKING AND CONVEYING MECHANISM. FRANK B. ROBERTS, Anaheim, Calif., assignor of one-half to Willis G. Huntington, Sawtelle, Calif. Filed May 14, 1925. Serial No. 30,225. 20 Claims. (Cl. 214-6.)



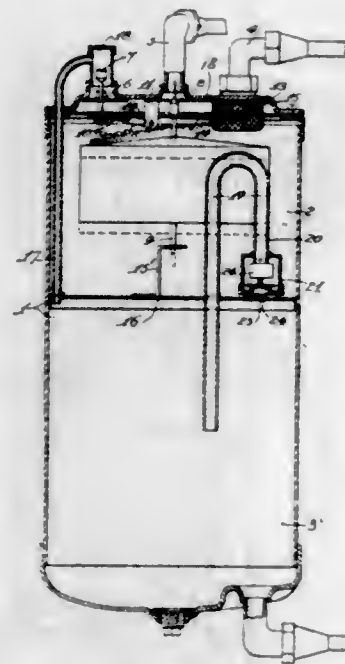
1. In a box stacking machine, an elevator, a box delivery mechanism for delivering boxes to the elevator, means to lower said elevator, said means comprising a cable, a cable drum on which said cable is wound, a sleeve on which said cable drum is mounted, a shaft within said sleeve, means to drive said sleeve in one direction to rotate said drum and means whereby the positioning of a box on the delivery mechanism actuates the sleeve driving means.

1,646,068. TOWEL HOLDER. FRANK A. ROSNER, St. Paul, Minn. Filed Oct. 6, 1924. Serial No. 742,080. 3 Claims. (Cl. 24-244.)



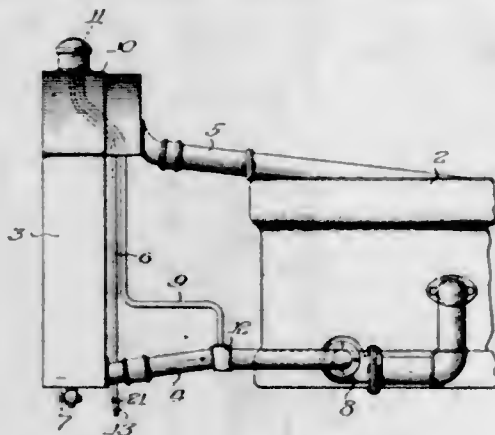
1. A towel holder including a member having an opening therein adapted to receive the edge of a towel, a rigid arm forming one side of said opening, a boss projecting toward said arm, said arm being adapted to support a ball bearing and said boss being adapted to support another ball bearing in a manner to provide a resilient ball bearing grip between said boss and arm for holding a towel.

1,646,069. LIQUID-FEEDING DEVICE. VOLNEY A. SEARLES, Jackson, Mich., assignor to Stewart-Warner Speedometer Corporation, Chicago, Ill., a Corporation of Virginia. Filed Oct. 19, 1923. Serial No. 669,477. 5 Claims. (Cl. 103—236.)



1. In a device of the class described, an upper chamber having a liquid inlet, an air exhaust connection and an air inlet, means for alternating atmospheric pressure and vacuum in said upper chamber; a siphon tube leading from the upper chamber to the lower chamber and a valve controlling the opening of the siphon tube in the upper chamber, adapted to be held seated by the vacuum in said chamber.

1,646,070. CIRCULATING SYSTEM FOR INTERNAL-COMBUSTION ENGINES. EARL H. SMITH, Oak Park, Ill., assignor of one-half to Carl H. Jenkins, Chicago, Ill. Filed Sept. 8, 1925. Serial No. 54,877. 1 Claim. (Cl. 123—175.)

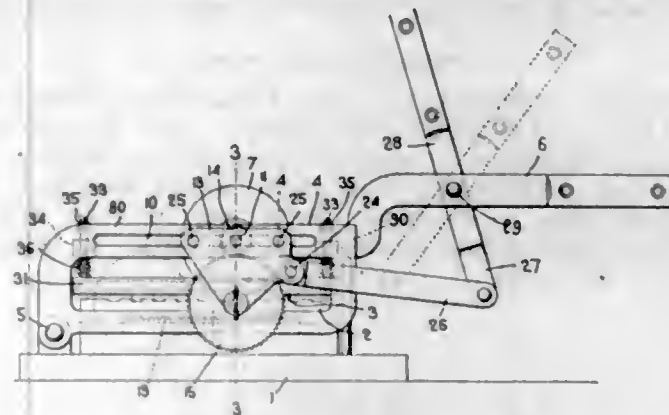


The combination with a water cooled internal combustion engine, its radiator and the water circulating pipes therebetween, of a steam connection from the top of the radiator to one of said pipes, a water pump in the last said pipe, an overflow pipe from the top of said radiator and a check valve in said overflow pipe.

1,646,071. MEAT TENDERER. JOSEPH P. SPANG, Quincy, Mass. Filed Mar. 20, 1926. Serial No. 96,142. 8 Claims. (Cl. 17—27.)

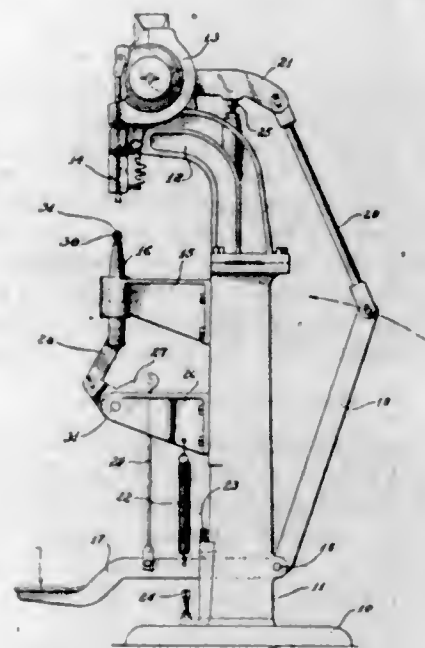
1. In a meat tenderer, the combination with a bed on which meat to be tendered is supported, of a knife-carrying frame mounted for movement toward and from the

bed, a knife carrier supported entirely by the frame and reciprocally mounted thereon, a gang of rotary knives carried by said knife carrier, means to reciprocate the



knife carrier on the frame, and gearing by which the knives are rotated by the reciprocating movement of the carrier.

1,646,072. RIVET-SETTING MACHINE. EDWIN B. STIMPSON, Brooklyn, N. Y., assignor to Edwin B. Stimpson Company, Brooklyn, N. Y. Filed Sept. 22, 1925. Serial No. 57,812. 1 Claim. (Cl. 218—2.)

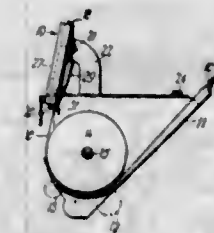


In a machine of the kind described, a base, a standard extending vertically upward therefrom, a bracket secured to the front face of said standard and having a hollow cylindrical outer end, an anvil fitting in said outer end and slidable vertically therein, a second bracket secured to said standard below the first bracket and carrying a pivot pin aligned vertically below said anvil, a bell crank lever pivoted at its angle on said pivot pin, one arm of the bell crank lever being movable between vertical and forwardly inclined positions, a link connecting said arm with the lower end of said anvil, a treadle pivoted to said standard, a link connecting the remaining arm of the bell crank with the treadle between its free end and its pivot point, a tension spring connecting the second bracket and treadle, and stop members on the standard and base adjustable to limit movement of said treadle.

1,646,073. TYPEWRITING MACHINE. HARRY H. VICKERS, Corona, N. Y., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed Apr. 11, 1925. Serial No. 22,271. 9 Claims. (Cl. 197—127.)

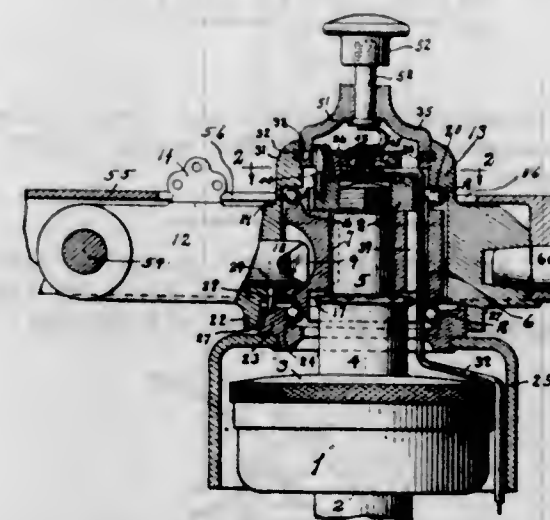
1. A gage-device for attachment to a collating table of a typewriting machine, including a rectangularly-shaped

block having a lengthwise position-holding slot in its rear side, and a leaf-spring for securing said block to said table, having one end fastened to the upper end of said



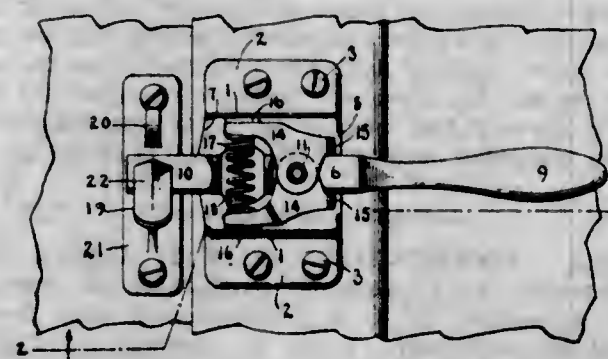
block on said rear side, the free end of said spring extending slightly past the lower end of said block and curving slightly away from the same.

1,646,074. STEERING-WHEEL SWITCH. EDWARD H. VINCENT, Detroit, Mich. Filed Nov. 22, 1923. Serial No. 676,307. 8 Claims. (Cl. 200—59.)



1. In combination, a rotatable steering shaft, an apertured bushing thereon, a nut to secure the bushing to the shaft, a removable wheel hub rotatably mounted on said bushing, an insulating member and a pair of normally disengaged electrical contacts carried by said nut within said wheel hub, manually operable means for causing the engagement of said contacts and electrical connecting wires extending through the aperture in the bushing and connected to said disengaged electrical contacts and removable therefrom after the wheel hub is removed from the bushing, and locking means to control removal of the wheel hub from the bushing.

1,646,075. REVERSIBLE LATCH. ALEXANDER F. WINTERS and BASIL R. CRAMPTON, Grand Rapids, Mich. Filed Sept. 20, 1926. Serial No. 136,399. 12 Claims. (Cl. 292—244.)



1. A reversible latch comprising a pivoted latch lever, and means for yieldably holding the latch lever in central position, said means including two spring actuated piv-

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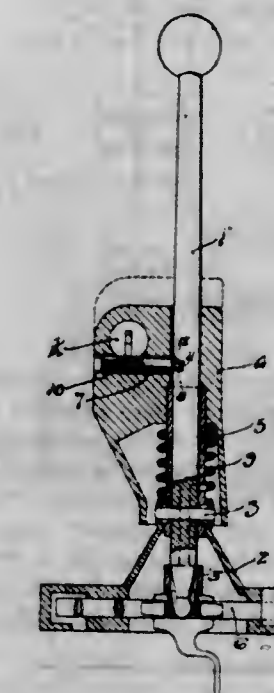
oted levers engaging opposite sides of said latch lever and exerting thrusts against the latch lever in opposite directions.

1,646,076. GEAR-SHIFT LOCK. JOHN WITTE, Ferguson, Mo. Filed Mar. 9, 1922. Serial No. 542,273. 9 Claims. (Cl. 70—128.)



1. In a gear shift device, a stationary pivot, a gear shift lever slidably mounted on said pivot, an element slidably mounted on said lever and adapted to engage said lever at different points on its length.

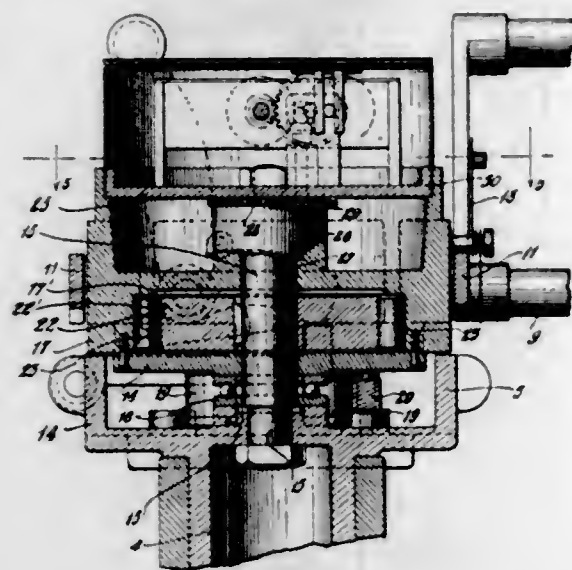
1,646,077. GEAR-SHIFT-LEVER LOCK. JOHN WITTE, Ferguson, Mo. Filed Apr. 23, 1926. Serial No. 104,088. 5 Claims. (Cl. 70—128.)



1. In a device of the class described, a shift lever having a transverse recess, a locking member slidable on said lever and including a lock bolt adapted to enter said recess, and elements on the sides of said recess and bolt normally out of contact with each other but adapted to

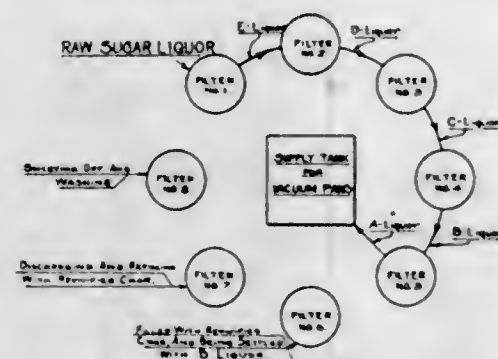
interengage for impeding movement of said bolt from said recess when said member and said lever are manipulated so as to disalign the axes of said recess and bolt.

1,646,078. TURNSTILE. DANIEL R. BACON, Goshen, N. Y., assignor to Perey Manufacturing Company, Inc., New York, N. Y., a Corporation of New York. Filed Nov. 7, 1922. Serial No. 599,541. 1 Claim. (Cl. 39-3.)



In a portable turnstile having a stationary standard, an operating head, transferably mounted upon said standard and comprising stationary and revoluble members, a plurality of spring-controlled operating arms associated with the latter member, arm-locking means associated with the stationary member, and means forming part of the arms for releasing said locking means.

1,646,079. PROCESS OF PURIFYING LIQUIDS AND MAKING SUGAR. EUGENE E. BATTELLE, New York, N. Y. Filed July 22, 1924. Serial No. 727,548. 7 Claims. (Cl. 127-55.)

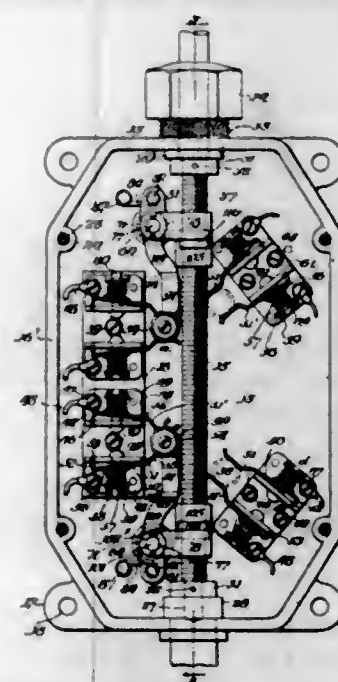


1. The process of filtering sugar-containing liquid containing impurities for which char exhibits differential absorption with a battery of filters containing char, comprising passing the impure liquid in series through a plurality of the char filters, periodically cutting out the filter that has been for the longest time under liquor pressure, and periodically, cutting in a char filter filled with revived char, in series with the filter that has been for the shortest time under liquid pressure.

1,646,080. LIMIT SWITCH. CLINTON H. BECKWITH, Geneva, Ill., assignor to Crane Co., Chicago, Ill., a Corporation of Illinois. Filed July 22, 1926. Serial No. 124,133. 19 Claims. (Cl. 200-47.)

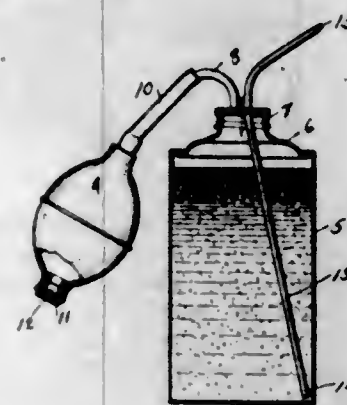
1. A limit switch comprising a movable contact member, a plurality of contact units for the reception of said

member, a screw shaft, means propellable by said shaft for actuating said member, means for locking said mem-



ber in a predetermined position, and means connected with said member normally tending to urge it from said predetermined position.

1,646,081. LUBRICATING GUN. DAVID L. CONKLIN, Omaha, Nebr. Filed July 16, 1924. Serial No. 728,400. Renewed May 16, 1927. 1 Claim. (Cl. 221-76.)

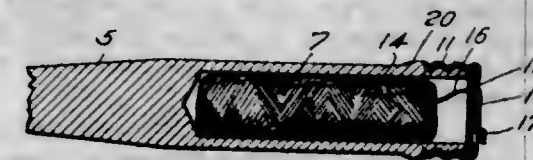


The combination with a container having a closure provided with three openings, of a rigid air supply pipe having one end fixed in one of said openings and extending upwardly from the closure, a valved air supplying and forcing bulb having a flexible outlet tube receiving the other end portion of said air supply pipe, and a rigid fluid delivery pipe extending through another of said openings and fixed to the closure, said fluid delivery pipe having a shorter end portion extending upwardly and laterally from the closure and terminating in a nozzle having a restricted discharge orifice and a longer end portion extending into the container to a point adjacent the bottom and one side of the latter, whereby fluid may be forced from the container through the discharge orifice in an upwardly and laterally directed fine spray when the bulb is compressed and the remaining opening of the closure is closed by the finger.

1,646,082. TOOTHBRUSH. FRANK L. DAILEY, New Brunswick, N. J., assignor to Johnson & Johnson, New Brunswick, N. J., a Corporation of New Jersey. Filed Jan. 28, 1927. Serial No. 164,316. 3 Claims. (Cl. 132-84.)

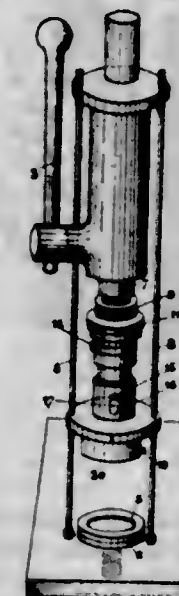
1. A tooth brush assembly, comprising a tooth brush having a coniferous handle formed with an integral floss-portion having an externally threaded neck portion stopped

by a flange whereof one side provides a flat shoulder for a closure and whereof the other side slopes into the body



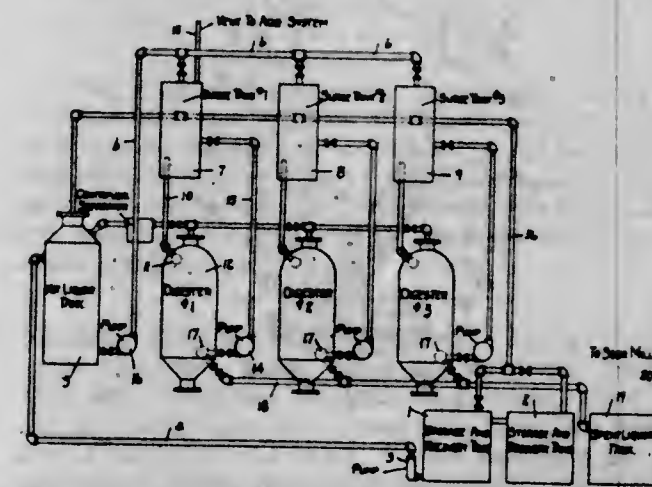
of the handle, and a refill for the floss-portion having a cap constituting a floss-suspension element and adapted to fit said neck portion.

1,646,083. CARTRIDGE-CLOSING MACHINE. WLADIMIR DE GARKOVENKO, Vallauris, and MARCEL FIGHIERA, Cannes, France. Filed Oct. 25, 1926. Serial No. 144,070, and in France Oct. 31, 1925. 4 Claims. (Cl. 86-25.)



1. A cartridge closing machine comprising a die, a matrix having upwardly projecting wings, the said die having slots in its lower portion corresponding to said wings, means to hold a loaded cartridge below the matrix, means to operate said die and matrix to form a folded cone on the upper end of the cartridge shell and means to arrest the descent of the matrix on the cartridge while permitting continued descending movement of the die to insure the closing of the cartridge.

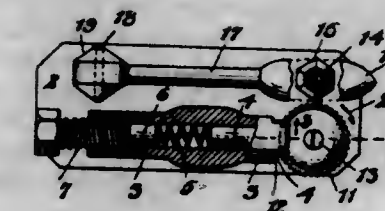
1,646,084. METHOD AND APPARATUS FOR TREATING FIBROUS MATERIALS. THOMAS L. DUNBAR, Watertown, N. Y., assignor to Stebbins Engineering and Manufacturing Company, Watertown, N. Y., a Corporation of New York. Filed Sept. 3, 1926. Serial No. 133,502. 13 Claims. (Cl. 92-7.)



1. In a chemical pulping process, heating fresh liquor to a predetermined temperature, then pumping the same

into a digester during the cooking process, to build up a relatively high pressure in the digester, and maintaining a relatively low temperature in the digester while creating said pressure.

1,646,085. CIGAR LIGHTER. HARRY ESTEROW, New York, N. Y. Filed May 12, 1927. Serial No. 190,740. 2 Claims. (Cl. 67-7.1.)



1. An article of the class described comprising a casing, a top plate therefor, a pair of studs extending from said top plate, a tubular member carried on one of said studs, a rotary striking wheel supported on the other stud, a section of sparking material in said tubular member, means for forcing said sparking material against the periphery of the striking wheel, an extension on said tubular member overlying the upper face of said wheel with the edge of said wheel extending beyond the periphery of said extension, and a screw extending through said extension and through the wheel, and into the stud on which said wheel is supported.

1,646,086. ASH STAND. ROBERT G. FLEMING, Bloomfield, N. J., assignor to Smokador Manufacturing Co., Inc., New York, N. Y., a Corporation of Delaware. Filed Dec. 22, 1926. Serial No. 158,444. 7 Claims. (Cl. 131-51.)

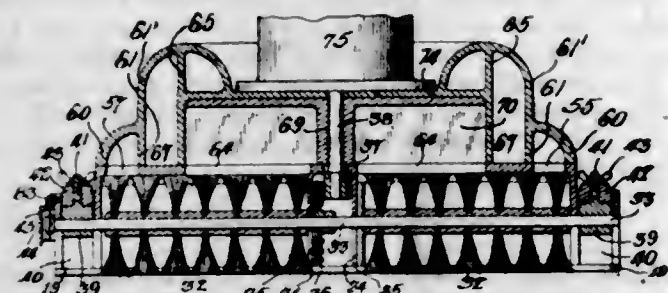


7. In a device of the character described, an ash-receiving tray having a waste-discharge outlet in the lower part thereof, a relatively long waste-conducting conduit depending therefrom, a skirt rigidly secured to the conduit adjacent its lower edge and forming a relatively enlarged cavity for receiving a waste-receiving receptacle in position to receive waste falling through said conduit, the upper part of said skirt forming a socket for directly receiving and holding the upper end of said waste-receiving receptacle, the latter being insertible and removable through the lower end of said skirt.

1,646,087. PROCESS OF TREATING FIBROUS VEGETABLE MATERIAL. ROBERT FORSYTH, Chicago, Ill., assignor, by mesne assignments, to Henry J. Rodgers, receiver. Filed Feb. 7, 1924. Serial No. 691,317. 7 Claims. (Cl. 92-4.)

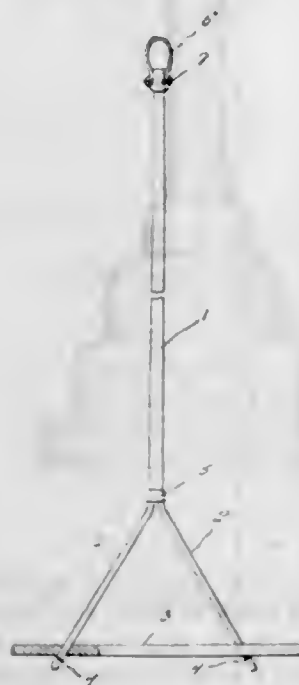
2. The herein described process of treating fibrous material which comprises subjecting the material to a hot bath comprising distilled water and a very small amount of hydrochloric acid; squeezing out the softened gums and other solubles; subjecting the material to a second hot bath of distilled water containing a small percentage of sodium carbonate; squeezing out the matter dissolved in this second bath; subjecting the material to a rinsing bath in boiling distilled water to remove the chemicals; squeezing the rinsed material; drying the material slowly at a moderate temperature; and mechanically separating the woody portion from the bast fibres.

1,646,088. ELECTRIC SUCTION SWEEPER. THOMAS W. GREEN, Westmont, N. J., assignor to Thomas Wilbraham Green Engineering Co., Philadelphia, Pa., a Corporation of Pennsylvania. Filed May 25, 1921. Serial No. 472,451. 8 Claims. (Cl. 15-8.)



4. In a suction sweeper, a brush adapted to be rotated, a shaft upon which said brush is mounted, gearing for operation of the shaft engaged and disengaged by longitudinal movement of said shaft and positive hand-actuated means for shifting said shaft.

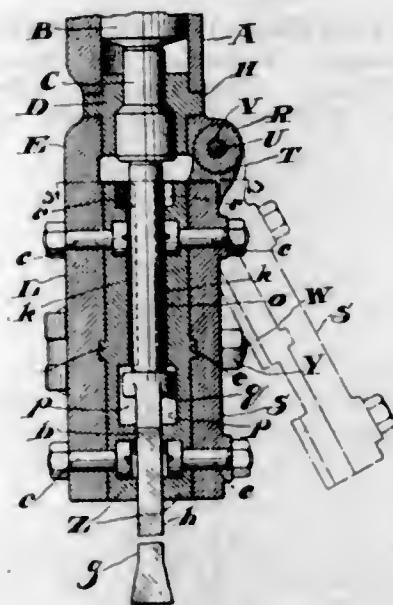
1,646,089. PORTABLE SWING. ISAAC E. GRIFFITH, Lowell, Ind. Filed July 20, 1925. Serial No. 44,840. 1 Claim. (Cl. 155-58.)



A swing comprising an elongated wooden suspension member tapering toward its upper end, the other end being split longitudinally to provide a pair of diverging arms, a reinforcing band secured on the suspension member at the juncture of the diverging arms and said suspension member, a seat board provided with diagonally

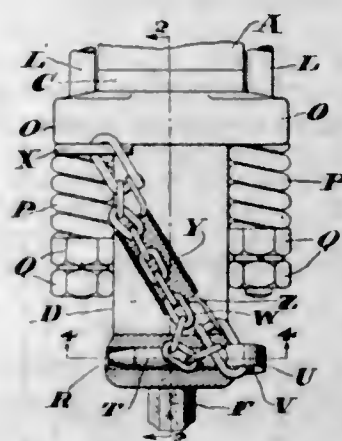
arranged openings through which the lower ends of the diverging arms extend, retaining pins extending transversely through the lower ends of the respective arms and engaging the bottom of the seat board, and a hanger member pivotally associated with the upper end of the suspension member.

1,646,090. BROACHING ATTACHMENT. CHARLES C. HANSEN, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J., a Corporation of New Jersey. Filed Sept. 23, 1926. Serial No. 137,301. 1 Claim. (Cl. 121-32.)



In a broaching attachment adapted to be secured to the cylinder of a rock drill, the combination of a front head having an open side, a cover pivoted to the front head forming a closure for the open side, cheek plates secured to the front head and the cover spaced to form a rectangular guideway for loosely guiding a broaching tool, said cheek plates having recesses in their inner surfaces near the front end of the guideway to receive a broaching steel collar, said cheek plates also having longitudinal grooves in their inner surfaces extending from the recesses to the rearward ends of the cheek plates for the reception of a broaching tool shank, and I-bolts pivoted to the front head for clamping the cover to the front head.

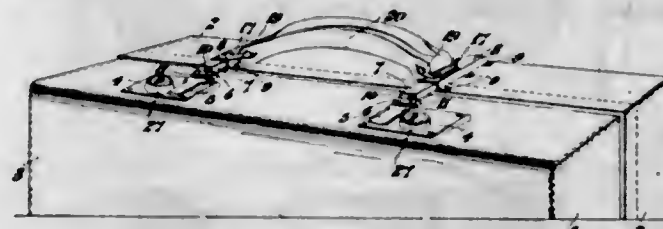
1,646,091. STEEL RETAINER. CHARLES C. HANSEN, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J., a Corporation of New Jersey. Filed Oct. 21, 1926. Serial No. 143,237. 2 Claims. (Cl. 121-32.)



1. In a rock drill, the combination of a front head, a collared drill steel in the front head, a stop slidable through the front head in advance of the collar of the

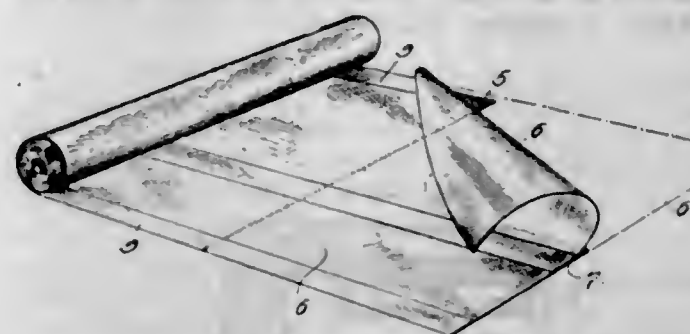
drill steel and off-set from the longitudinal axis of the drill, a plate on one of the side bolts of the drill, a chain connecting the stop to the plate, and a spring connected to the chain exerting a pull on the stop to hold said stop in the front head.

1,646,092. EXPANDING SUITCASE. ALFRED BERESFORD HAWES, London, ROBERT WILLIAM HORTON, Edgware, and FREDERICK CHARLES COOK MAYO, High Barnet, England. Filed Mar. 3, 1927. Serial No. 172,519, and in Great Britain Feb. 12, 1926. 5 Claims. (Cl. 190-45.)



2. An expanding suit case comprising two relatively adjustable portions, one provided with a lock, and connecting means for said portions, said connecting means including a pair of telescopically related members, one of said members being attached to one portion of the suit case and the other member having a hasp attached thereto to cooperate with said lock, and means to functionally secure said members together in any adjustment of the same, said securing means comprising a rolling member movable with one of said telescopically related members and in contact with the other, and an operating rod movable and mounted in the other telescopically related member and having a camming surface presented to said rolling member and a spring to impart movement to said rod in the direction required to cramp said rolling member, the said rod being arranged for movement by the hasp to release said rolling member when said hasp is opened from the lock.

1,646,093. SYSTEM OF ROLLING SURGICAL ADHESIVE PLASTER. ROBERT P. HAYDEN, New Brunswick, N. J., assignor to Johnson & Johnson, New Brunswick, N. J., a Corporation of New Jersey. Filed Sept. 3, 1926. Serial No. 133,397. 5 Claims. (Cl. 128-268.)



4. The method of preventing puckering of facing cloths in rolled adhesive plaster, which consists in providing cloth sections whereof the proximate edges are in overlapping relation and at least one of them turned, and turning the outer margins of the cloth sections so that they will substantially coincide in thickness with the overlapped margins.

1,646,094. VEHICLE TAIL LAMP. LEROY V. HOUGHTON, Haverhill, Mass. Filed Dec. 27, 1926. Serial No. 157,025. 8 Claims. (Cl. 240-7.1.)

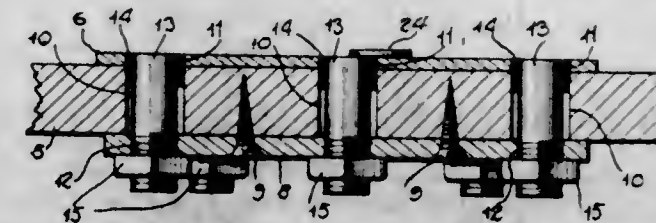
5. A vehicle tail lamp comprising a casing having a pair of lenses in the front thereof arranged one above the other, a single light bulb mounted within the casing in the rear of said lenses, and a pair of reflectors arranged in the rear of said bulb one above the other, the

lower reflector being arranged to project concentrated light rays from the bulb obliquely downward thru the



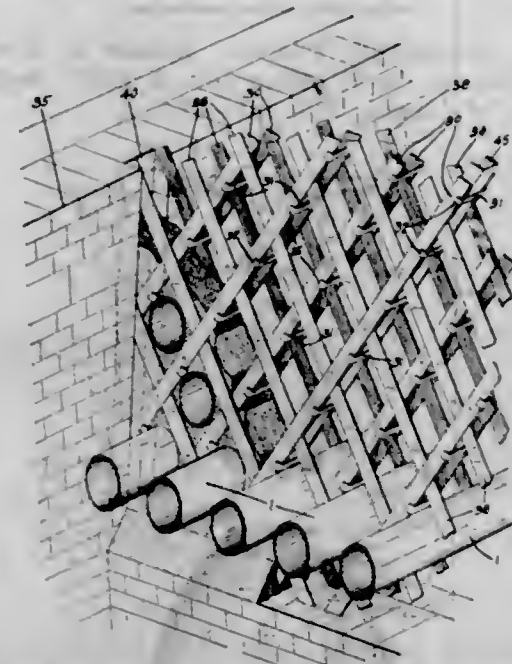
lower lens and to the left of the casing and the other reflector being arranged to project light rays from the bulb thru the upper lens.

1,646,095. GAME DEVICE. THOMAS J. JUNKER, Williamsport, Pa. Filed Mar. 18, 1927. Serial No. 176,481. 4 Claims. (Cl. 273-102.)



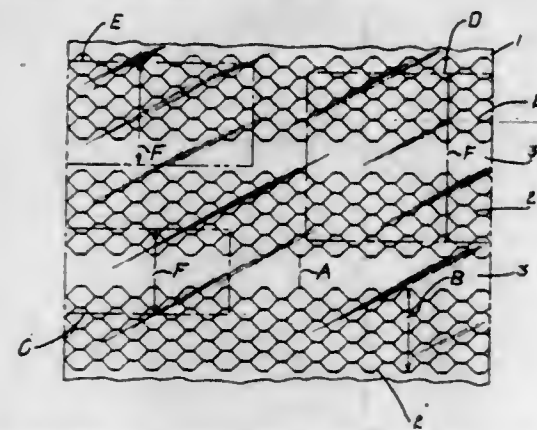
1. A game target of the character described comprising a horizontal panel of insulating material, a conducting plate secured on the upper surface of said panel, said panel and plate having a plurality of spaced pairs of vertical aligned openings, contact plugs mounted in the openings and having their upper ends flush with the upper surface of the conducting plate and insulated from the latter, and a second conducting plate secured to the under side of the panel and carrying said plugs.

1,646,096. BAFFLE-WALL FORM. MICHAEL LIPTAK, St. Paul, Minn. Filed Nov. 24, 1926. Serial No. 150,471. 9 Claims. (Cl. 25-131.)



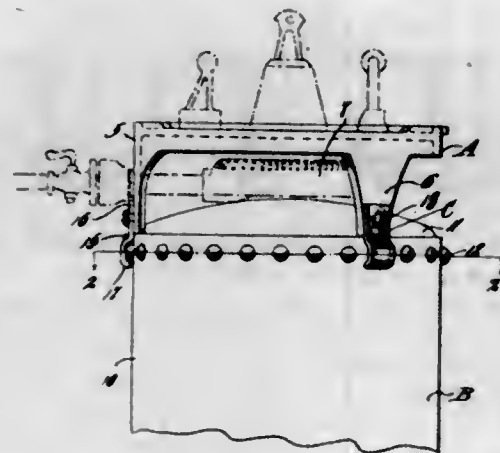
1. A blank for the purpose described, constructed of bendable material, and having a linear series of openings therein separated by narrow transverse portions of the material, and providing a lateral portion of material at opposite sides of the openings, bendable along the margins of the openings to provide upright sides.

1,646,097. REINFORCED GLASS. MICHAEL LIPTAK, St. Paul, Minn. Filed Feb. 28, 1927. Serial No. 171,545. 7 Claims. (Cl. 49-92.)



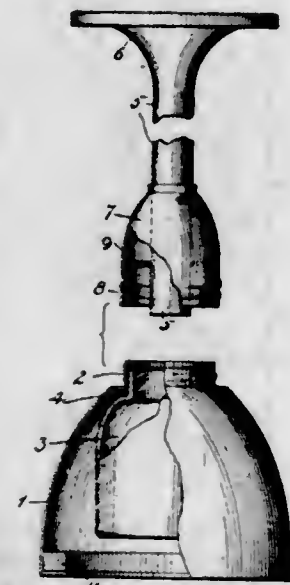
2. A section of transparent material having parallel strip-like reinforced and unreinforced portions forming alternating strip-like areas.

1,646,098. ATTACHMENT FOR HOT-WATER BOILERS. SPIROS C. MARKATOS, New York, N. Y. Filed Sept. 26, 1925. Serial No. 58,892. 8 Claims. (Cl. 126-230.)



5. In combination with a boiler having exposed projecting rivet heads, a hot plate, and clamps carried by the plate and enclosing and embracing certain of said rivet heads for attaching said plate to the boiler.

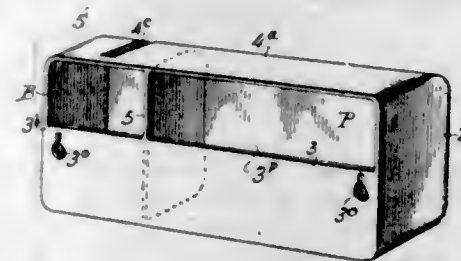
1,646,099. SMOKER'S STAND. ROBERT C. MITCHELL, Mount Vernon, N. Y. Filed Jan. 6, 1927. Serial No. 159,334. 6 Claims. (Cl. 131-51.)



2. In a smoker's stand of the character described, a base having a contracted neck portion adjacent its upper

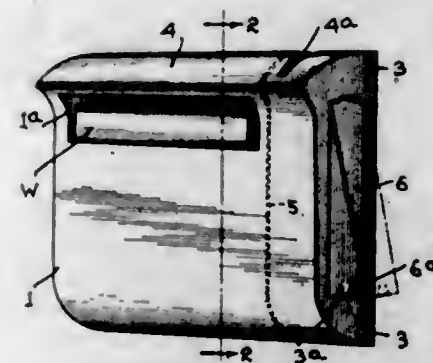
end, means for detachably securing a waste-receiving receptacle in said base and to form a substantially gas-tight joint between the base and such receptacle, and an upper attachable and detachable waste conducting tubular member for said base, said tubular member supporting at its upper end a waste-receiving tray.

1,646,100. COMBINATION HOLDER FOR RAZOR-BLADE WIPERS AND USED RAZOR BLADES. DONALD P. ORDWAY, Battle Creek, Mich., assignor to American Stamping Co., Battle Creek, Mich., a Corporation of Michigan. Filed June 4, 1925. Serial No. 34,823. 3 Claims. (Cl. 206-16.)



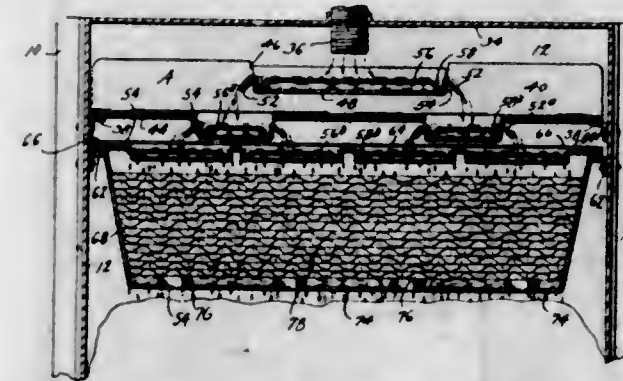
1. A holder for paper and used razor blades, comprising a casing having an internal transverse partition dividing it into a paper compartment and a used blade compartment, and having an opening in its front wall for removal of paper from the paper compartment, and a slot in its front wall for introducing blades into the used blade compartment; said casing also having a larger opening into the paper compartment for introducing paper therein; and also having an opening into the blade compartment for removing blades therefrom.

1,646,101. COMBINATION HOLDER FOR RAZOR-BLADE WIPERS AND USED RAZOR BLADES. DONALD P. ORDWAY, Battle Creek, Mich., assignor to American Stamping Co., Battle Creek, Mich., a Corporation of Michigan. Filed May 15, 1925. Serial No. 30,589. 11 Claims. (Cl. 206-1.)



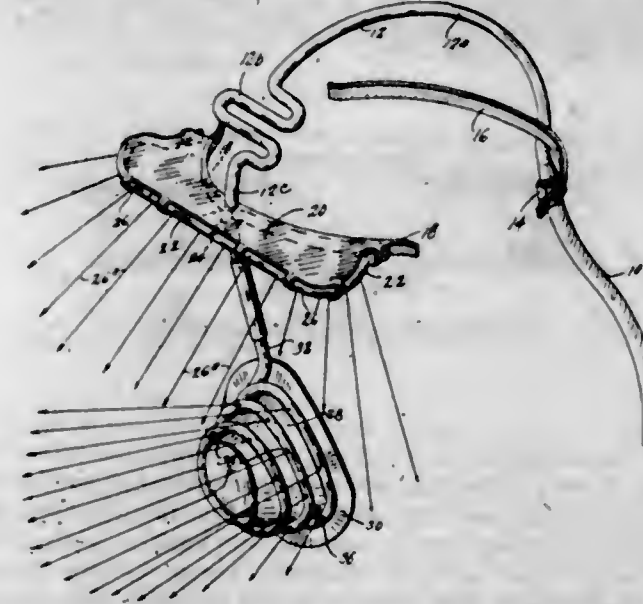
4. A holder comprising a closed casing having a large compartment for the reception of paper, a slot in the side wall of the compartment for the removal of the sheets; a smaller compartment for used razor blades, and a slot in the wall of the smaller compartment for introducing blades thereinto.

1,646,102. GASOLINE CLARIFIER. CHARLES LEE OSTRANDER, Waterloo, Iowa, assignor of one-half to Norman A. Lichty, Waterloo, Iowa. Filed Mar. 2, 1927. Serial No. 172,028. 9 Claims. (Cl. 210-50.)



1. In a clarifier, a plurality of settling pans arranged so that gasoline may be discharged from one to another, a plurality of containers with fabric filter members therein, so that gasoline may be conducted from one container to another, said containers having spaced settling pans at their bottoms.

1,646,103. COMPRESSED-AIR PROTECTIVE SHIELD. BYRON O. PATRICK, Des Moines, Iowa. Filed Feb. 16, 1927. Serial No. 168,573. 6 Claims. (Cl. 128-145.)



1. In a device of the class described, a shield adapted to fit over the nose and mouth, a compressed air conductor leading to the shield, means on the shield, communicating with said conductor for discharging a plurality of jets of air away from the shield.

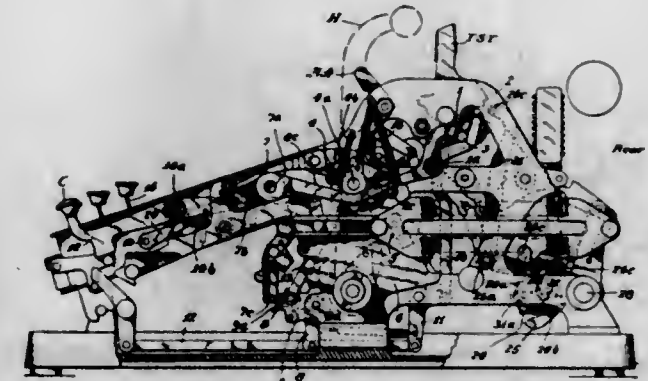
1,646,104. SPLICE FOR WICK ENDS AND THE LIKE. RICHARD T. PEARCE, Covington, Ky. Filed Apr. 7, 1926. Serial No. 100,408. 4 Claims. (Cl. 67-69.)



1. The method of splicing together two unfrayed ends of candle wicking, comprising placing the said two ends

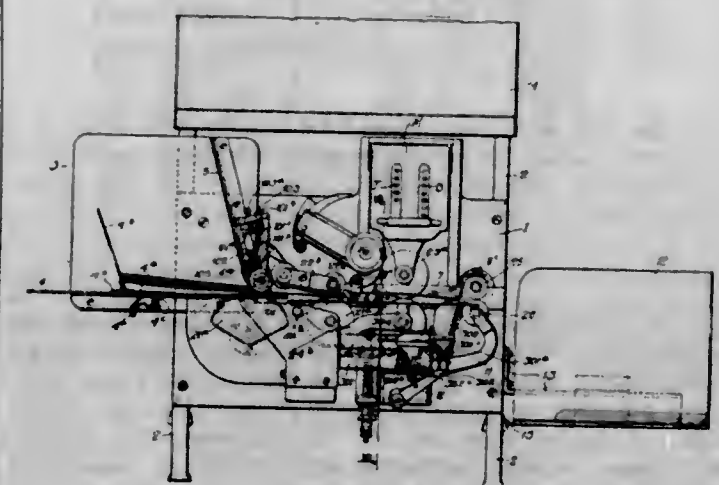
of wicking in abutment, passing a split collar of combustible material about said ends, simultaneously molding the collar and compressing the wicking to a diameter substantially less than the normal diameter of the wicking.

1,646,105. ADDING MACHINE. HEBER C. PETERS, New York, N. Y. Filed Sept. 26, 1923, Serial No. 664,899. Renewed July 12, 1927. 16 Claims. (Cl. 235-60.)



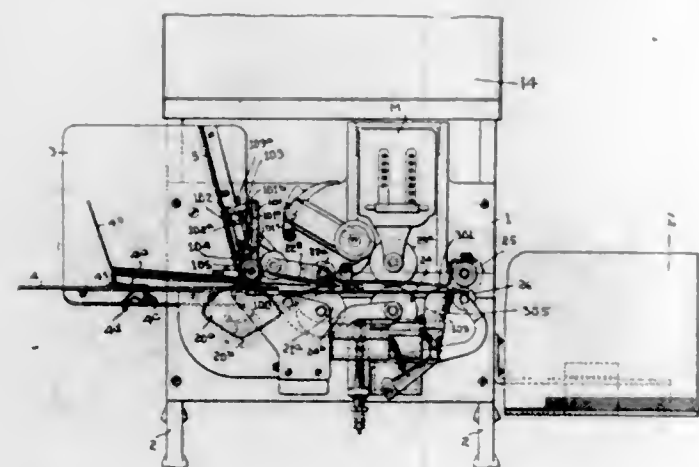
1. In an adding machine the combination of an operating handle—a total and sub-total key—a non-add key—a correction key—rows of number keys and a single means operable by said keys for preventing the complete forward movement of said operating handle—said single means operating to block the complete forward movement of said operating handle whenever any one of the said keys is moved into operative position only partially.

1,646,106. MOISTENER AND SEALER FOR POSTAGE-METER MACHINES. ARTHUR H. PITNEY, JACOB W. OGDEN, EDWARD G. NORTHROP, and WALTER H. WHEELER, Jr., Stamford, Conn., assignors, by mesne assignments, to Pitney-Bowes Postage Meter Company, Stamford, Conn., a Corporation of Delaware. Filed Mar. 22, 1924. Serial No. 701,219. 11 Claims. (Cl. 120-6.)



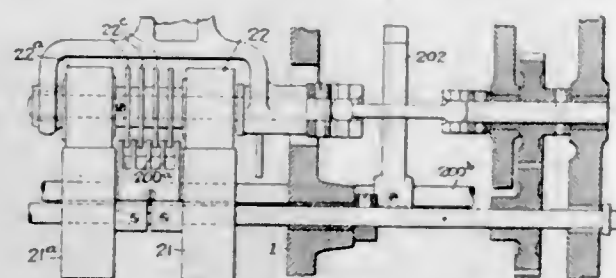
1. In a machine of the character specified having means for feeding letters; a flap moistener having a yieldably mounted nose adapted to open the flap and enter between the flap and the envelope when the flap is lowermost; means on the nose for moistening the flap as the envelope is moved therepast; and means for yieldingly supporting the nose to permit it to yield to shunt a sealed piece of mail out of the letter path.

1,646,107. SEPARATOR FOR POSTAGE-METER MACHINES. ARTHUR H. PITNEY, JACOB W. OGDEN, EDWARD G. NORTROP, and WALTER H. WHEELER, Jr., Stamford, Conn., assignors, by mesne assignments, to Pitney-Bowes Postage Meter Company, Stamford, Conn., a Corporation of Connecticut. Original application filed Mar. 22, 1924, Serial No. 701,219. Divided and this application filed Dec. 29, 1924. Serial No. 758,777. 10 Claims. (Cl. 271-41.)



1. In mechanism of the character specified, the combination of a hopper and means for feeding letters therefrom, of a separator for holding back superposed letters comprising spaced frictional rollers; and a yieldable spring controlled frame carrying said separator.

1,646,108. TRIP MECHANISM FOR POSTAGE-METER MACHINES. ARTHUR H. PITNEY, JACOB W. OGDEN, EDWARD G. NORTROP, and WALTER H. WHEELER, Jr., Stamford, Conn., assignors to Pitney-Bowes Postage Meter Co., Stamford, Conn., a Corporation of Delaware. Original application filed Mar. 22, 1924, Serial No. 701,219. Divided and this application filed Dec. 29, 1924. Serial No. 758,778. 4 Claims. (Cl. 101-236.)

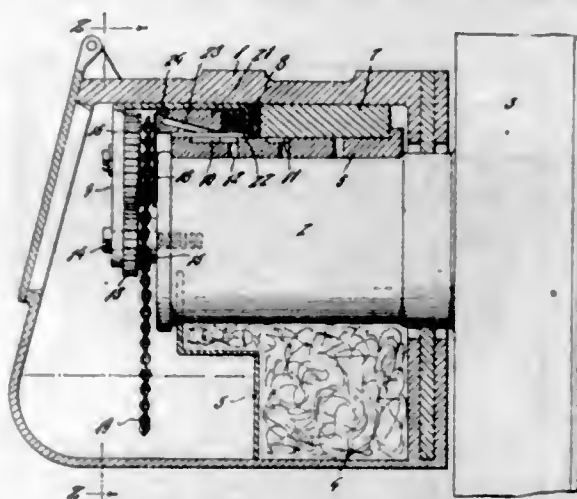


1. In mechanism of the character specified, means for forwarding a letter; coaxing letter forwarding rollers; a trip finger entered between the latter rollers and having a plurality of parallel plates on its free end, and a series of spaced disks on one of the forwarding rollers, said disks coaxing with the said rollers to enable an envelope to displace the trip finger.

1,646,109. JOURNAL LUBRICATOR. ALBERT J. POSSELT, Salida, Colo. Filed June 12, 1926. Serial No. 115,551. 2 Claims. (Cl. 308-85.)

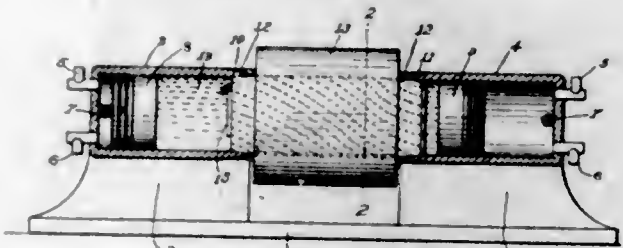
1. A journal lubricator comprising a brass provided with oil distributing means, a wedge placed between the brass and the top of the box, a rotary member extending into the lower part of the box for lifting oil therefrom,

means for rotating said member from the axle, a wiper slidably arranged in the front of the wedge and having a port therein for delivering the oil taken from the ro-



tary member by the wiper to the oil distributing means of the brass and means for yieldingly holding the wiper against said rotary member.

1,646,110. ENGINE. ALVIN L. POWELL, Miles City, Mont., assignor to The A. L. Powell Power Company Incorporated. Filed Nov. 9, 1923. Serial No. 673,858. 3 Claims. (Cl. 60-12.)

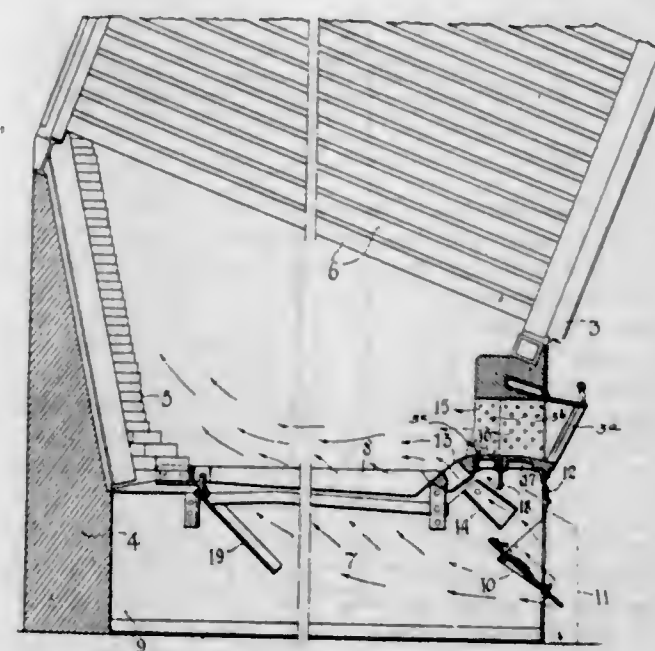


1. In an engine, a plurality of cylinders, a piston in each of said cylinders, a pulley interposed between the cylinders and provided with a large bore having inwardly extending spiral ridges, said pulley being also provided with a plurality of spiral bores, a valve at one end of the large bore, a valve at the opposite end of each of the spiral bores and a fluid interposed between said pistons and adapted to pass through the bore.

1,646,111. AIR-DRAFT SYSTEM FOR FURNACES. JOHN REID, New York, N. Y. Filed July 16, 1926. Serial No. 122,948. 11 Claims. (Cl. 110-69.)

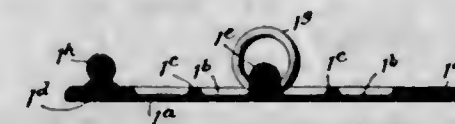
1. The improved method of drafting a furnace, which consists in supplying air to the front of the furnace below the level of the grate in a continuous comparatively gentle flow; causing a portion of the air supply to pass under the grate with a retarded rearward movement; causing another portion of the air supply normally to pass through a section of the grate and rearwardly over the fuel-bed at the forward end of the grate; causing still another portion of the air supply to pass rearwardly over the fuel-bed from a point forwardly of the grate and forwardly of that portion of air supply passing through a section of the grate at the forward end thereof so as to provide a top air circulation effecting combustion of fuel at the forward end of the grate, thus aiding the induction through the grate and fuel-bed of the air circulating under the grate by the force of off-draft suction above the fire-bed; causing an additional portion of air supply to circulate around and into the furnace fueling opening and thence over the fuel-bed from points forwardly of that portion of air supply passing over the

fuel-bed from a point forwardly of the grate so as to supplement the top air circulation and volatilize gases passing with the off-draft; said drafting air circulations being maintained with the fire door normally closed,



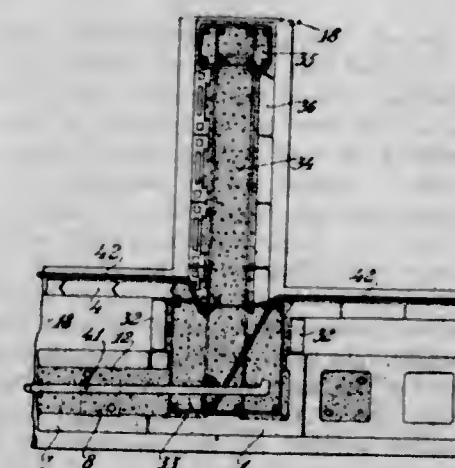
whereby the air supplied to the furnace will be evenly and uniformly distributed under, through and over the bed of fuel to effect perfect combustion thereof throughout its entire area.

1,646,112. STOPPLE. WILLIAM F. SCHACHT, Huntington, Ind. Filed Feb. 24, 1925. Serial No. 11,279. 1 Claim. (Cl. 4-293.)



A stopple comprising a thin rubber disk of substantially uniform thickness having a flat lower face, and having an integral thick wide flat rim portion; a centrally disposed handle integral therewith; and a knob integral with the rim portion and projecting perpendicular to the plane of the stopple, whereby the rim may be readily raised to break the suction under the stopple when it is desired to release the stopple.

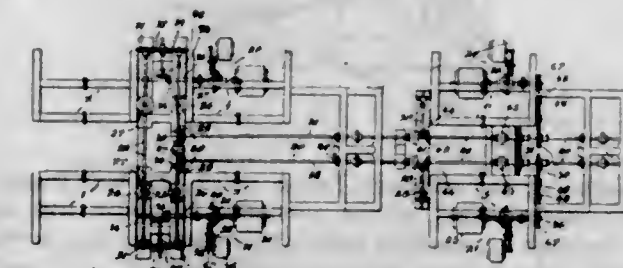
1,646,113. CONSTRUCTION OF BUILDINGS. LUIGI LANZA, Placati, Italy. Filed Mar. 16, 1926, Serial No. 95,127, and in Italy Mar. 19, 1924. 1 Claim. (Cl. 72-1.)



A building structure comprising pillars of reinforced concrete, an outside layer of hollow concrete blocks formed in part to enclose the pillars and in part hollow

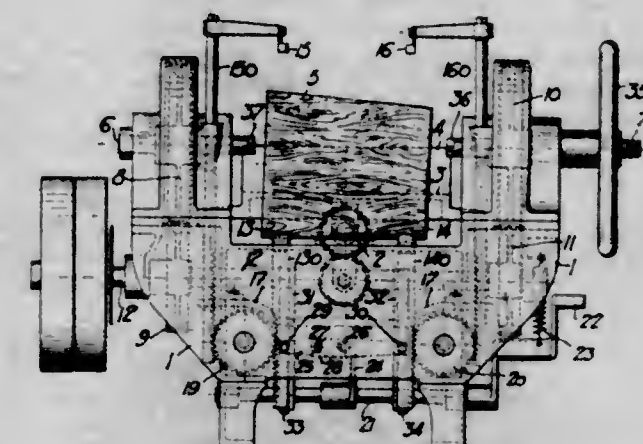
to receive a concrete reinforce, and bricks extending between the pillars and forming with the blocks an intervening vertically extending air space, the concrete pillars having extensions to project between the hollow blocks and bricks.

1,646,114. PRINTING MACHINE. DAVID JOHN SCOTT, Plainfield, N. J., assignor to Isabella Scott and David J. Scott, executors of the estate of Walter Scott, deceased. Filed Feb. 2, 1917. Serial No. 146,213. 61 Claims. (Cl. 270-8.)



1. In a printing press, the combination of twelve press sections, driving means for said press sections, and means for connecting said driving means with said press sections for driving the press as six quadruples, as four sextuples, or as three octuples.

1,646,115. VENEER LATHE. JOHN G. SJÖSTRÖM, Jönköping, Sweden. Filed Mar. 25, 1925. Serial No. 18,202. 4 Claims. (Cl. 144-209.)

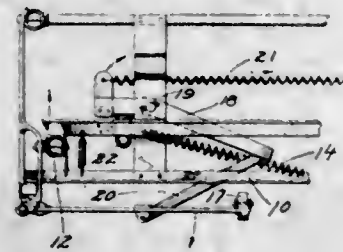


1. The combination with a veneer lathe comprising a supporting frame, a peeling knife, and rotary means to clamp the log, of lower centering members movable substantially vertically up and down to carry a log placed on them, means to lift said members together with the log, and upper centering members movable substantially in the same vertical plane as said first-mentioned members to engage the log and hold it up in order to prevent further lifting thereof after it has been correctly centered.

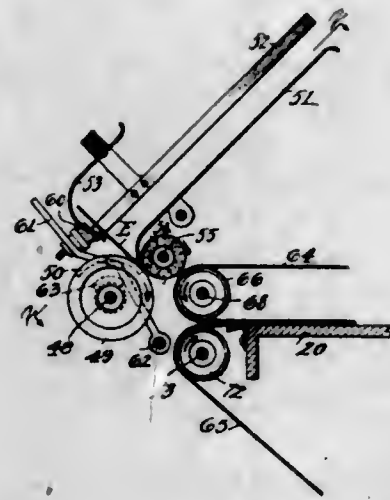
1,646,116. PORTABLE FOLDING BED. ARTHUR M. SMITH, San Francisco, Calif., assignor to Marshall & Stearns Company, San Francisco, Calif., a Corporation of California. Filed Sept. 10, 1924. Serial No. 736,872. 1 Claim. (Cl. 5-168.)

In a portable folding bed having a carriage frame of substantially rectangular outline, an up-ending bed pivotally mounted on the carriage frame, counter-balancing springs connected to the head of the bed frame and to the forward portion of the carriage frame near the bottom of the latter for assisting in raising the bed frame, a laterally swinging brace pivoted to the front portion

of the carriage frame at each side thereof, and provided with a caster at its outer end for contact with the floor, and means controlled by the raising and lowering of the bed frame, to cause said braces to be moved into extended position in front of the carriage frame when the bed frame is lowered, and to be swung into folded position adjacent the carriage frame when the bed frame is raised, said control means including a lever for each brace, springs connecting said levers together and serving to swing said braces into extended position, and means on each lever for contact with the head end of the bed frame to move said levers to position where the said braces will be retracted.



1,646,117. SHEET-FEEDING MECHANISM. EDWIN R. SMITH, WILLIAM R. RICE, and JOHN R. JACKSON, Fitchburg, Mass., assignors to Auto-Mailing Machinery Company, a Corporation of Massachusetts. Original application filed Nov. 4, 1922. Serial No. 599,122. Divided and this application filed Sept. 29, 1924. Serial No. 740,442. 3 Claims. (Cl. 271-41.)



1. In an envelope addressing machine, an inclined feed box having a bottom partially open at its lower edge, a feed roll rotatable adjacent said open portion and intermittently presenting a friction surface effective to withdraw an envelope from said box, a retarding roll mounted above said feed roll, means to rotate said rolls so that the adjacent faces thereof move in opposite directions, and means to agitate the envelopes in said box to facilitate downward feeding thereof.

1,646,118. BOW FOR STRINGED MUSICAL INSTRUMENTS. JOHN STADNICZEK, Elizabeth, N. J. Filed Dec. 17, 1920. Serial No. 155,392. 4 Claims. (Cl. 84-282.)

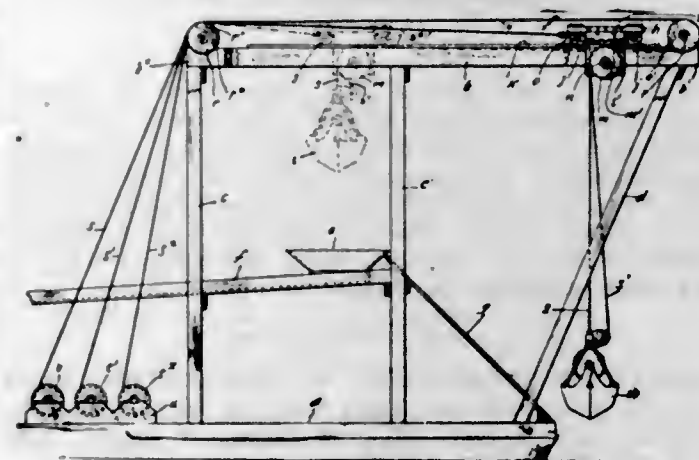
1. In a violin bow, a staff having a tip formed with a recess outwardly undercut at the bottom thereof, a block removably positioned in said recess for detachable engagement with the tied ends of bow hairs, a toe rigid with the inner end of the block, and means to force

the block outwardly against the outer wall of the recess to cause the toe to enter the undercut portion of the recess and removably secure the block in place, said



last named means embodying a wedge removably positioned between the inner side of the block and the inner wall of the recess.

1,646,119. LOAD MOVING AND RAISING AND LOWERING MEANS. DONALD M. STEVENSON, Portland, Oreg. Filed May 19, 1924. Serial No. 714,406. 1 Claim. (Cl. 212-81.)



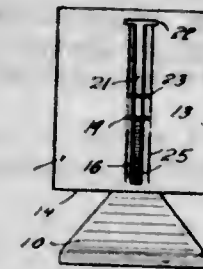
A digger bucket operating mechanism apparatus, a support, an overhead-way mounted thereon one end of the way projecting beyond the support, and the opposite or inner end of the way being located on the support, a carriage running on said way, a double sheave carried by the carriage, a double sheave mounted on the way at its said projecting end, triple sheaves mounted on the inner end of the way, triple drums, a cable connected to one drum thence extending over the sheaves located at the inner end of the way and connected to said carriage, a pair of cables connected to other drums respectively thence led respectively over the other two sheaves located at the inner end of the way, thence over the sheaves located at projecting end of the way, down and back to, and over the sheaves carried by the carriage, a bucket of the clam-shell type suspended from one of the last mentioned cables, the bucket provided with means for opening and closing the same, and the other of the last mentioned cables being secured to said bucket opening and closing means.

1,646,120. TOOL RETAINER FOR PNEUMATIC HAMMERS. MICHAEL STRUNACK, Pottstown, Pa. Filed Feb. 21, 1927. Serial No. 170,001. 5 Claims. (Cl. 121-32.)



1. A tool retainer for a pneumatic hammer comprising an elongated frame structure one end of which is in the form of a ring through which the tool is adapted to project while the other end is adapted to be disposed over the handle end of the hammer, a split band fixed adjacent its ends to intermediate portions of the sides of the frame, a spring fixed at one end to one end of the band and having a detachable engagement with the other end of said band so as to hold the frame structure against displacement from the hammer.

1,646,121. NAPKIN DISPENSER. FRED W. THORP, Green Bay, Wis., assignor to Northern Corrugating Company, Green Bay, Wis., a Corporation of Wisconsin. Filed Mar. 23, 1926. Serial No. 96,709. 1 Claim. (Cl. 211-29.)



A dispenser of the character described, comprising a body having side and end walls, the side walls being formed with cut away portion, clamp members within and arranged at opposite end walls of the body, the end walls of the body being formed with central vertically disposed slots having cross slits at their upper ends, a downturned arm formed on each clamp, a grip outturned from each arm and removably insertable through the slit for slidably engaging the arm in the slot, and supplemental grips on the clamps above the first-named grips, and insertable through the slits for engagement with the slots.

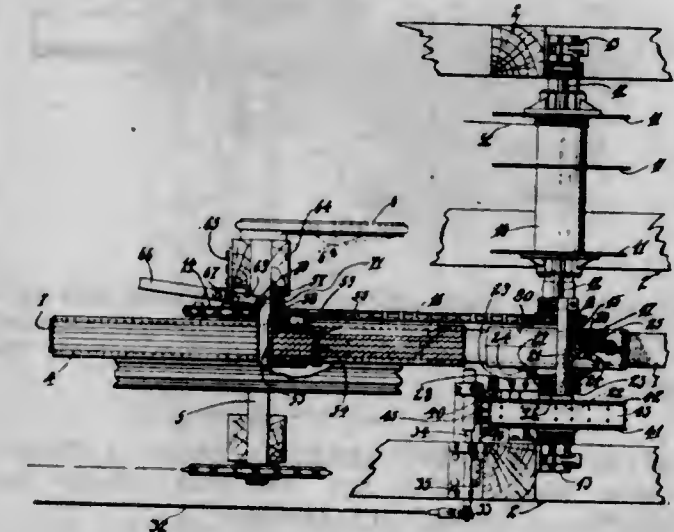
1,646,122. MISSILE FOR TOY GUNS. WILLIAM A. TIDWELL, Indianapolis, Ind. Filed Apr. 7, 1927. Serial No. 181,653. 2 Claims. (Cl. 124-14.)



2. A missile comprising a rubber ball, an elastic string of comparatively large diameter, a button on one end of the string, and a loop on the other end of the string,

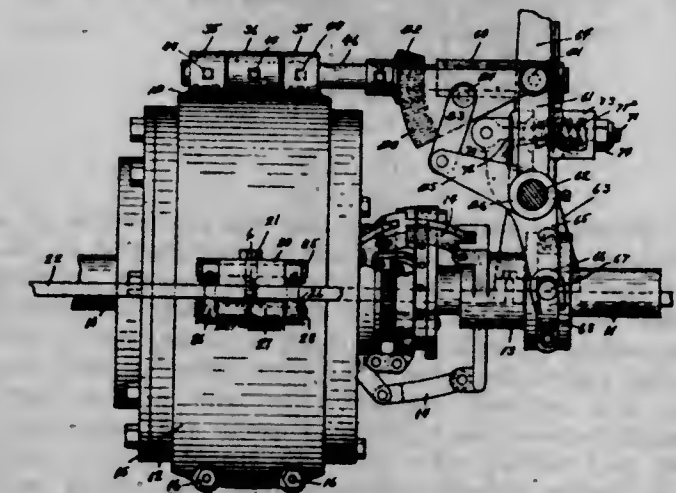
said string being attached to the ball by being pulled by the button end through a relatively small hole through the ball from one side to permit the button to bear against the ball from the other side of the ball and said ball being formed of sponge rubber and compressively gripping that portion of the string passed through the ball.

1,646,123. SAND REEL FOR WELL-DRILLING RIGS. EDWARD TIMBS, Los Angeles, LEWIS E. ZERRE, Moneta, and FREDERICK VON SCHLEGEL, Pasadena, Calif. assignors to Union Tool Company, Torrance, Calif., a Corporation of California. Filed June 8, 1925. Serial No. 35,824. 4 Claims. (Cl. 255-11.)



1. In a rig for drilling and operating a well, the combination of a band wheel, a shaft supporting the band wheel, a sand reel, a sand reel shaft supporting the sand reel, driving means between the sand reel shaft and band wheel shaft, and a belt pulley upon the sand reel shaft positioned in alignment with the band wheel, permitting either the band wheel or the sand reel to be driven by the same pulley on the motor.

1,646,124. BRAKE MECHANISM. HENRY A. TUTTLE, Upton, Mass. Filed Mar. 15, 1923. Serial No. 625,387. 30 Claims. (Cl. 188-77.)

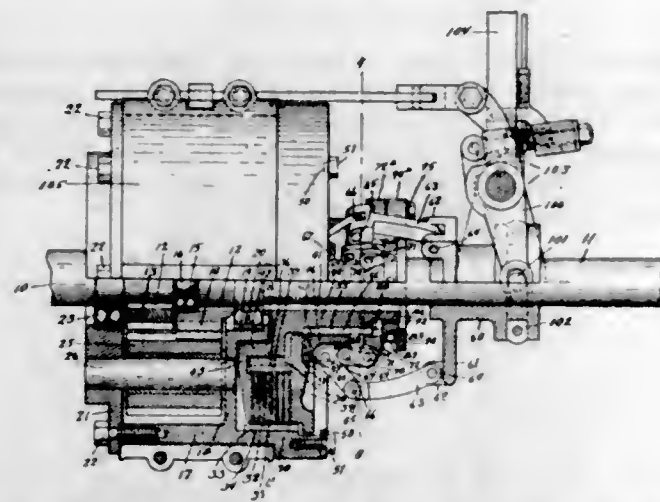


1. Brake mechanism comprising the combination of a brake drum, a brake band engageable with said brake drum, operating mechanism arranged to contract said brake band about said brake drum and means pivotally connected with said brake band arranged to be operated by the contracting thereof to swing said brake band bodily into engagement with said brake drum.

1,646,125. CLUTCH MECHANISM. HENRY A. TUTTLE, Upton, Mass. Filed Mar. 15, 1923. Serial No. 625,388. 17 Claims. (Cl. 192-69.)

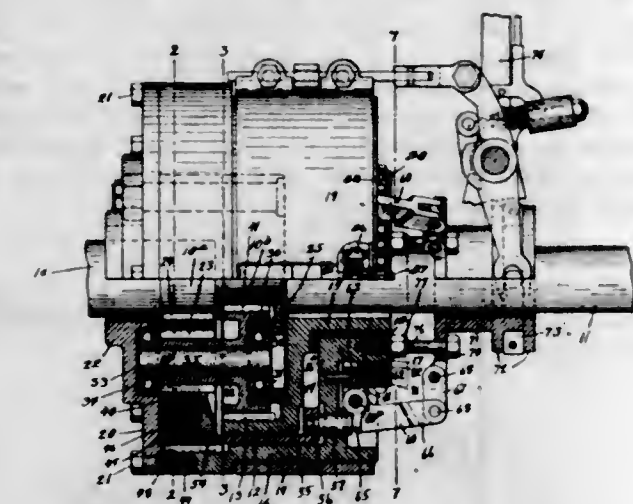
1. The combination of a driving shaft, a driven shaft,

a casing associated with said driving shaft, and clutch mechanism adapted to connect said shafts for forward drive including clutch plates carried by said casing, an axially movable carrier element, other clutch plates carried by said carrier element, a member fixed to said driven shaft against axial movement thereon disposed to sup-



port said clutch plates against axial movement, and operating mechanism carried by said fixed member arranged to move said carrier element axially and actuate the clutch.

1,646,126. REVERSING GEARING. HENRY A. TUTTLE, Upton, Mass. Filed Mar. 15, 1923. Serial No. 625,389. 28 Claims. (Cl. 74—34.)

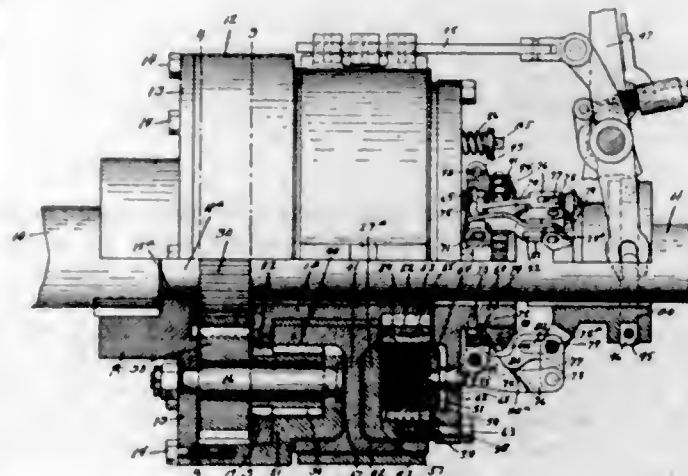


1. Reversing gearing comprising the combination of a driving shaft, a driven shaft and gearing adapted to connect said shaft for reverse drive, said gearing including a spur gear carried by said driving shaft, an internal gear carried by said driven shaft, a pinion carrier comprising plates disposed on opposite sides of said spur gear and rotatably supported on said driving shaft, angularly-spaced means disposed about and beyond said spur gear uniting said plates in spaced relation, said plates having aligned recesses therein, anti-friction bearings received in said recesses, pins extended between said plates and rotatable in said bearings, and pinion gears carried by said pins and connecting said spur and internal gears.

1,646,127. REVERSING GEARING. HENRY A. TUTTLE, Upton, Mass. Filed Mar. 15, 1923. Serial No. 625,390. 22 Claims. (Cl. 74—34.)

1. Reversing gearing comprising the combination of a driving shaft, a driven shaft, gearing mechanism adapted to connect said shafts for reverse drive including a casing fixed to said driving shaft, a gear fixed to said driven shaft, gears carried by said casing some of which mesh

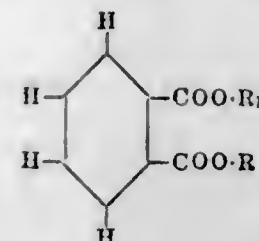
with the gear of said driven shaft, a control gear rotatable on said casing and meshing with some of said casing gears, means to hold said control gear stationary for



reverse drive, and clutch mechanism arranged to connect said shafts directly and exclude the gearing mechanism for forward drive.

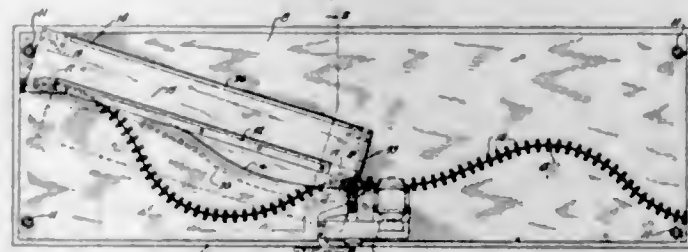
1,646,128. ESTERS OF NORMAL-AMYL ALCOHOL. ROBERT H. VAN SCHAAK, JR., Evanston, Ill. Filed Apr. 19, 1926. Serial No. 103,152. 10 Claims. (Cl. 260—103.)

1. As a composition of matter, an ester of phthalic acid whose molecular structure is expressed by the type formula



in which R_1 represents a straight chain pentyl radical and R any univalent hydrocarbon radical other than normal-butyl.

1,646,129. GUIDE FOR CUTTING ELBOWS. CHARLES H. WAGNER, Milwaukee, Wis., assignor to L. J. Mueller Furnace Company, Milwaukee, Wis., a Corporation of Wisconsin. Filed Nov. 5, 1926. Serial No. 146,480. 6 Claims. (Cl. 164—63.)



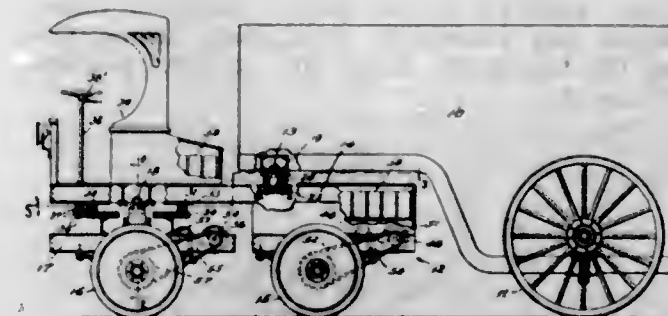
6. In combination, a supporting member, a cutter mounted thereadjacent and medially of its ends, a compound curved single rail track mounted on said supporting member and extending adjacent said cutter, a carriage removably mounted on said track and movable therealong and longitudinally of the supporting member, and a sheet of metal engaged by said carriage and adapted to be cut by said cutter in a curved line differing from the curvature of said track.

1,646,130. MUFFLER AND SANDING DEVICE. FRANK H. WAITE, Long Island City, N. Y. Filed Jan. 3, 1927. Serial No. 158,758. 12 Claims. (Cl. 291—3.)



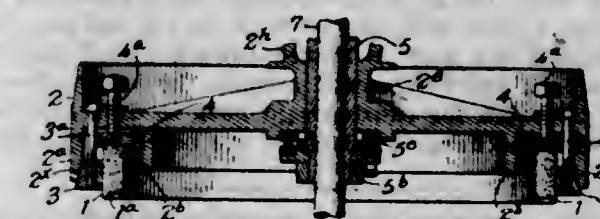
4. In combination with a motor vehicle, a muffler having a space for containing and heating sand, intermediate of the gas conducting spaces therein, with an inlet and an outlet thereto, provided with a valve mechanism co-operating with an exhaust gas controlling valve and means directing sand under the pressure of said exhaust gases, beneath the wheels of the vehicle.

1,646,131. MOTOR VEHICLE. WILLIAM H. BARNES, Seattle, Wash.; Cornelia Barnes executrix of said William Harrison Barnes, deceased. Filed Nov. 20, 1922. Serial No. 601,977. 4 Claims. (Cl. 280—81.5.)



4. In a vehicle, a frame, a truck having both rotary and lateral oscillatory movements relative to the vehicle frame, a circular track provided on the underside of the vehicle frame, rollers carried by the truck and engaging said track, said rollers having their axes parallel with and disposed in the longitudinal axis of the truck for permitting such lateral oscillatory movements, and means to rotate the truck about its axis of rotation for steering the vehicle, said last named means including flexible steering connections to permit the oscillatory movement of the truck.

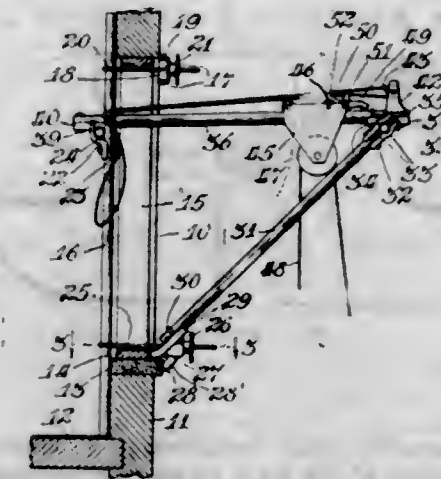
1,646,132. BUTTON-BLANK-FACING MACHINE. NICHOLAS BARRY, Muscatine, Iowa. Filed Jan. 19, 1923. Serial No. 613,653. 2 Claims. (Cl. 51—109.)



1. In a machine of the character specified, a shaft, a sleeve slidably mounted thereon, a grinder support rotatably mounted on said sleeve, an annular grinder on

said support; the said sleeve carrying the grinder having an internally threaded split cup on its upper end; a threaded sleeve engaging said cup, and means supporting the threaded sleeve on the shaft; said threaded sleeve adjustably supporting the first sleeve whereon the grinder is mounted.

1,646,133. HOISTING DERRICK. WILLIAM O. BECHMAN and FRANK G. KNUDSEN, Chicago, Ill. Filed Feb. 20, 1926. Serial No. 89,532. 12 Claims. (Cl. 248—30.)



1. In a derrick, the combination of uprights adapted to be placed on the inside wall of a window opening, a transverse frame member carrying clamps engaging the uprights and adapted to be disposed at the top of the window opening, means adapted to be placed on the outside of the opening for tightening said clamps, said clamps permitting a sliding vertical adjustment of the transverse frame on the uprights through their entire length, and a guide way on the transverse member permitting lateral adjustment of the clamps through substantially the length of the transverse frame member.

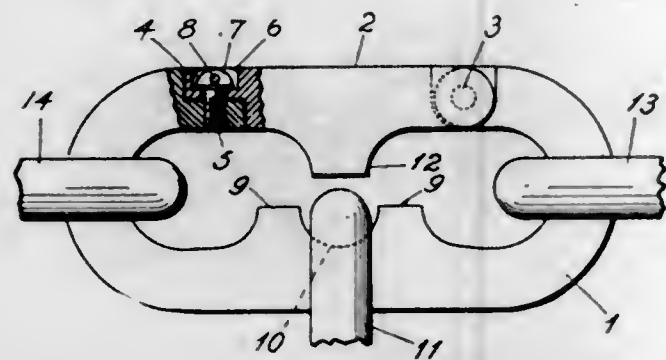
1,646,134. MULTISTAGE PUMP PLUNGER. LESTER C. BLACK, Los Angeles, Calif. Filed Sept. 2, 1925. Serial No. 54,021. 2 Claims. (Cl. 103—194.)



1. A device of the class described comprising a plunger rod formed in at least two sections, means providing a screw threaded engagement between said sections, a flat annular valve seat formed on the lower section adjacent its upper end, a guide portion on the lower end

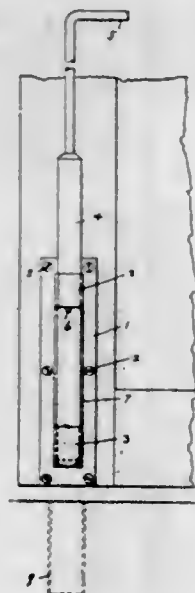
of the upper section, a plunger cup surrounding the upper section, the lower end of the cup having a portion of reduced diameter to loosely fit said guide portion, a shoulder on the upper section to limit the upward movement of the plunger cup relative to the rod, and means on the lower end of the cup adapted to cooperate with the valve seat.

1,646,135. DETACHABLE LINK. THOMAS CAMPBELL BLACK, Portland, Oreg. Filed June 16, 1927. Serial No. 199,309. 2 Claims. (Cl. 59-85.)



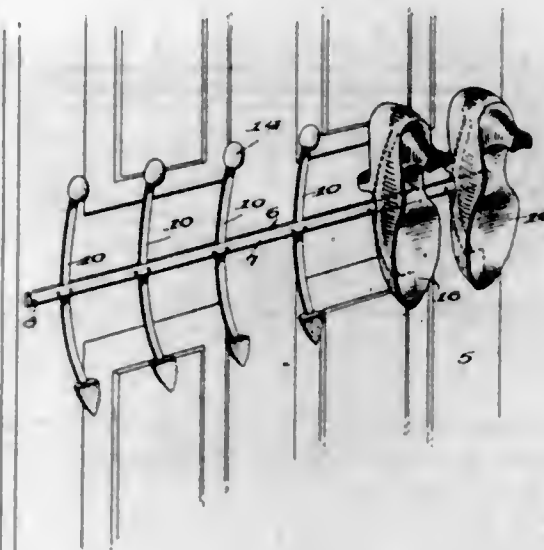
2. A detachable link, comprising a main member, a gap in one side of the main member, a lock-bar bridging the main member, a swingingly mounted lock bar bridging the gap and completing the continuity of the main member, two ridges at the inner surface of the main member, in spacial relation to each other and forming a valley, the two ridges being directed toward the lock bar, and a ridge extending from the lock bar directed toward the valley, between the two ridges on the link, and forming a cover for the valley.

1,646,136. BOLT FOR DOORS, GATES, ETC. DAVID BOOTH, Baltimore, Md. Filed Sept. 2, 1925. Serial No. 53,989. 1 Claim. (Cl. 292-145.)



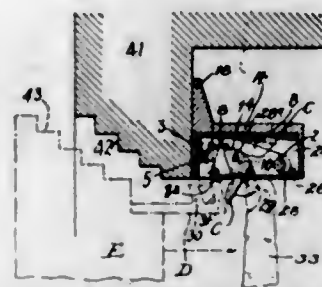
The combination of a base plate having a number of apertures near the edge thereof, a bearing on each end of said base plate, a bolt slidably mounted in said bearings, a pin projecting from the side of said bolt to limit the movement of the latter in said bearings, a rod projecting from one end of said bolt and bent to form a handle, a bowed spring between said base plate and bolt and normally exerting its pressure against the latter, said bowed spring having its ends contracted and fitting within the bearings to hold it securely in position.

1,646,137. SHOE SUPPORT AND STRETCHER. SAMUEL J. CAMPBELL, St. Louis, Mo. Filed Nov. 28, 1924. Serial No. 752,657. 2 Claims. (Cl. 12-128.)



1. A shoe stretcher and support comprising a pair of strips having attaching means, a plurality of separate shoe trees having leaf spring shanks confined between the strips and curved outwardly from the same, the major portions of the springs being free and the ends of the same being provided with toe and heel shoe engaging portions.

1,646,138. SAFETY VAULT LOCK. MOODY L. CANOTT, Wellman, and JOSEPH E. HALL, Eagle Grove, Iowa. Filed Oct. 13, 1926. Serial No. 141,300. 9 Claims. (Cl. 109-3.)

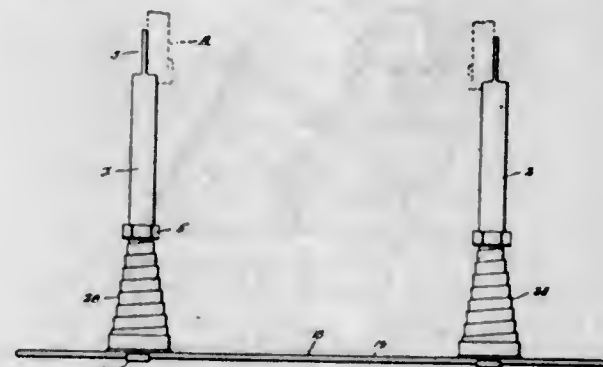


1. A safety vault lock adapted to be used with a vault door and jamb, comprising a pivotally mounted latch having a hook member at one end with a shoulder adjacent thereto and having near said shoulder spaced projecting pins, a trigger pivotally supported at the side of said latch having a shoulder adapted when the trigger is in normal position to coact with one of said pins for holding the latch raised, said trigger having a portion which when it is in such position projects into the path of the flange of the keeper hereinafter mentioned and being provided with a notch adapted in another position of the trigger to coact with the other pin for holding the latch raised and the trigger with a portion projected into the path of said keeper, combined with a keeper having a flange for coacting with said trigger and latch, whereby when the latch is supported on a jamb and the keeper on a door and the latch is in its last-described position and the door is moved toward closed position, the flange on the keeper will actuate the trigger for releasing the latch for causing said hook to drop over said flange with the flange received in the notch in the latch.

1,646,139. AUTOMOBILE SAFETY DEVICE. ANGELO D'AQUANNO, Providence, R. I. Filed Mar. 30, 1927. Serial No. 179,521. 2 Claims. (Cl. 180-83.)

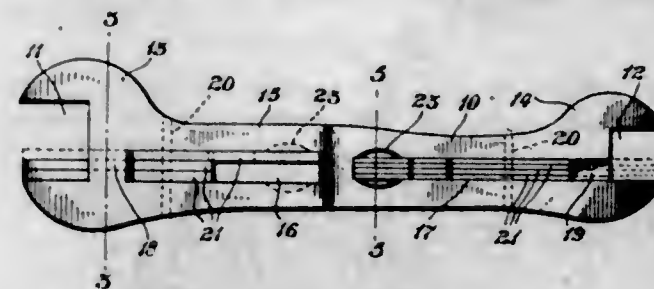
1. An automobile safety device comprising a cylinder, attached at its rear end to the front of an automobile, a plunger slidable within the cylinder and extending

within the forward end thereof, a bumper bar carried by the forward end of the plunger, a circular plate secured on the forward end of the plunger, an annular flange formed on the inner face of said plate, a volute spring encircling the plunger and disposed between the



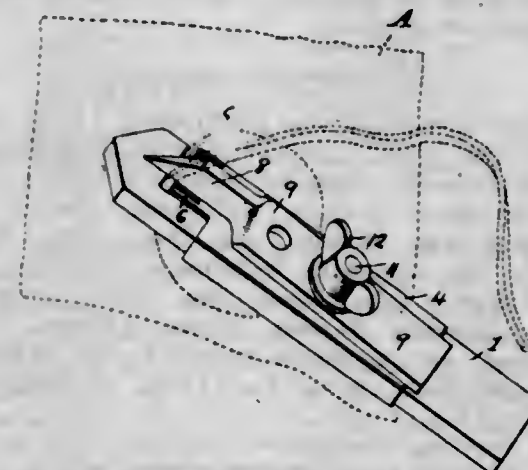
forward end of the cylinder and said plate, the largest convolution of the volute spring being arranged within the flange on said plate, said flange forming a housing for receiving the convolutions of the spring when the bumper bar and the plunger carrying the same are in their rearwardmost positions.

1,646,140. WRENCH. JAMES DICKIE, Berwick, Nova Scotia, Canada, assignor of two-thirds to WILLIS I. HUNTLEY and PERRY BORDEN, Nova Scotia, Canada. Filed Apr. 15, 1926. Serial No. 102,255. 2 Claims. (Cl. 81-183.)



1. A wrench comprising a body portion recessed at one end, immediately and centrally slotted, a plurality of filler blades pivotally mounted in said body adjacent to the recess and formed on the under side with recesses to engage with the body, said blades being adapted to be moved selectively and collectively to render the wrench adjustable and to fit flush with the surface of the wrench.

1,646,141. LACING CUTTER. GUSTAVE A. DOSTAL, Dallas, S. Dak. Filed Feb. 2, 1926. Serial No. 85,564. 1 Claim. (Cl. 164-37.)



having parallel grooves in the upper face thereof, the sleeve having an elongated opening for registration with the opening in the strip and a bolt extending through said openings to maintain the sleeve in various positions relative to the strip, a knife including a substantially flat stem formed with an elongated opening through which the bolt extends whereby the stem may be adjusted relative to the sleeve and strip and a knife blade formed on and disposed at right angles to the stem and adapted for engagement with the parallel grooves on the sleeve as and for the purpose specified.

1,646,142. DISHWASHING APPARATUS. JULIUS FASSIO, San Francisco, Calif. Filed June 6, 1923. Serial No. 643,625. 3 Claims. (Cl. 141-9.)



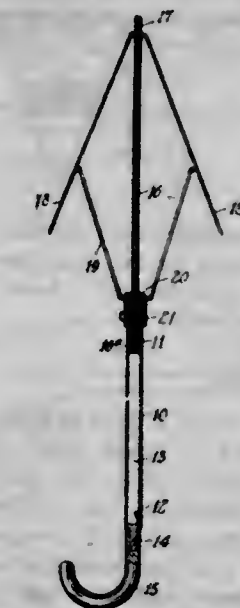
1. A dish washing apparatus comprising a sink, a drain pipe connected to the sink, a pump connected to its intake side to said drain pipe, a conduit connecting the discharge side of the pump with the sink, a single two way valve adapted in one position to close the drain pipe and in another position to close the pump section and a by-pass conduit connecting the pump suction with the drain pipe adapted to be closed by the valve, when the valve is in position to close the drain pipe.

1,646,143. PISTON RING. MERLE FORSTER, Oakland, Calif. Filed Jan. 5, 1926. Serial No. 79,284. 7 Claims. (Cl. 74-109.)



1. A split oil piston ring having one end face thereof smooth and beveled to provide an uninterrupted acute-angled outer edge adapted to engage the wall of a cylinder to form a continuous seal, and the other end face being recessed thereacross to permit oil to pass there-through beneath the ring.

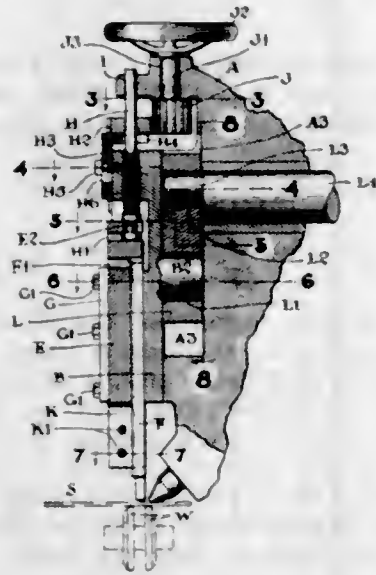
1,646,144. STORMPROOF UMBRELLA. RICHARD GOLDBERGER, New York, N. Y. Filed July 14, 1926. Serial No. 122,353. 2 Claims. (Cl. 135-22.)



1. In an umbrella, a hollow staff having a handle at one end, a cylindrical rod slidably in said hollow staff, ribs radiating from said rod, said rod being telescoped

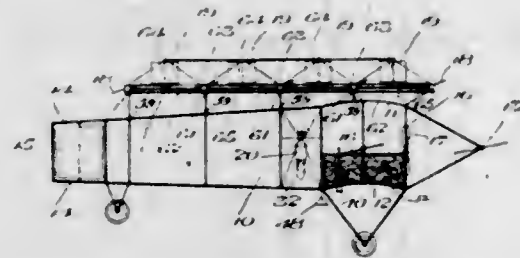
into said staff when said ribs are extended, a resilient arcuate tongue near each end of said staff, and recesses in one end of said rod receiving said tongues for releasably securing said rod in extended or retracted position.

1,646,145. MACHINE FOR CUTTING SHEET-FORM MATERIAL. CHARLES B. GRAY, Philadelphia, Pa. Filed June 19, 1923. Serial No. 646,411. 9 Claims. (Cl. 164-47.)



1. In a machine of the kind described, the combination with the head having an upright channel, of a plunger confined in said channel for up-and-down reciprocation, means for reciprocating said plunger, a cutter-holder slidable up and down on the plunger, adjustable means for supporting the holder at different elevations relative to the plunger, means including two cog wheels, one being slidable on the other, for adjusting said adjustable mean, adjustable means on the plunger for limiting the downward movement of the holder, and a cutter on the holder, substantially as described.

1,646,146. AEROPLANE PROJECTILE. ALBERT ENNIS HENDERSON, Toronto, Ontario, Canada. Filed Jan. 19, 1918, Serial No. 212,618. Renewed Mar. 5, 1927. 19 Claims. (244-1.)

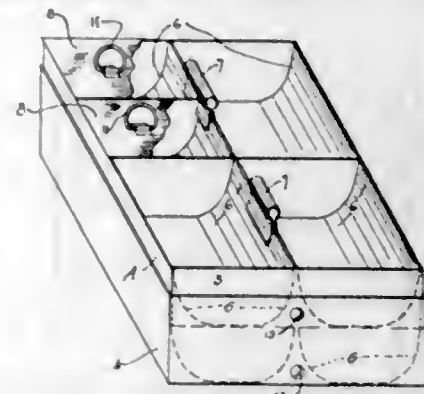


12. Gravitationally suspended antifrictionally mounted bomb supporting means carried by an aeroplane or airship, and means for imparting rotation to a bomb carried thereby, substantially as set forth.

1,646,147. DINNER-PAIL CONTAINER. CARL C. HOFFMAN, Emporia, Kans. Filed Feb. 27, 1923. Serial No. 621,549. 1 Claim. (Cl. 206-4.)

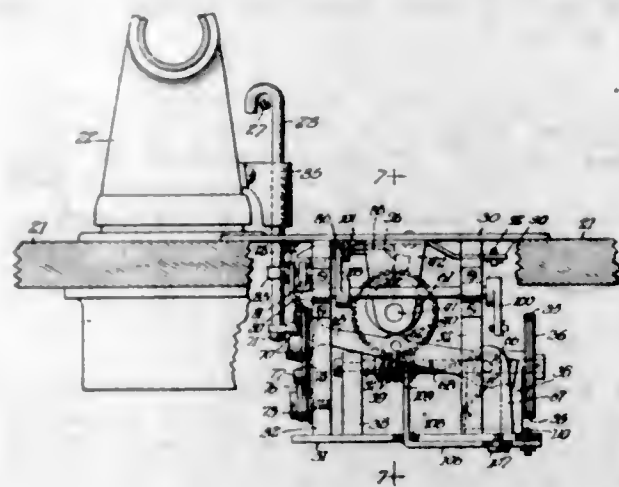
In a dinner pail container, the combination of a container comprising two parallel compartments having curved sides, the ends of the compartments being closed by rectangular members, each of said members having a perforation in registry with the space between the adjacent curved sides, a perforated tray to receive a plurality of said containers, the perforations of said tray being through the end walls thereof and in registry with

the first said perforations, clips engaging with the adjacent curved walls of the container so that the upward extension thereof will engage between the curved walls



of a similar container placed thereon, the said clips functioning as handles for the container, all as, and for the purpose described.

1,646,148. PHONOGRAPH. FREDERICK H. HORNING, Toledo, Ohio. Filed Dec. 30, 1920. Serial No. 433,992. 11 Claims. (Cl. 274-15.)



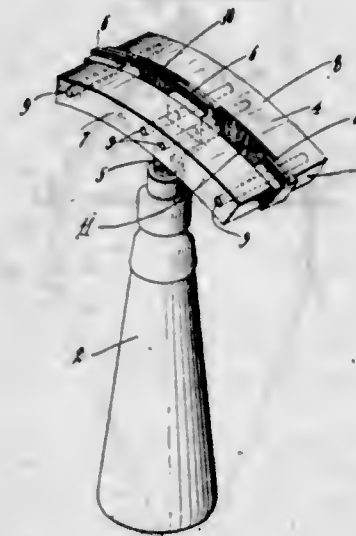
1. A repeating device for phonographs comprising means for lifting the stylus from one position on the sound reproducing record and transferring said stylus to a different position thereon, a drive shaft, a cam free upon said shaft, and means for automatically locking said cam upon said shaft at a predetermined position of said stylus to cause said cam to actuate said lifting and transferring means.

1,646,149. INSECTICIDE EMULSION. PAUL R. JONES, Porterville, Calif., assignor to Balfour, Guthrie & Co., a Copartnership composed of Balfour Dunlop Adamson, Gerald Hayne Guthrie Williamson, Charles Clement Guthrie, and Walter John Burns, San Francisco, Calif.; Sir Archibald Williamson, Alexander Balfour Williamson, John Craik, and John Lawson, London, England; Thomas James Whitson, Liverpool, England; and Alexander Baillie, Seattle, Wash. Filed Aug. 20, 1925. Serial No. 51,511. 10 Claims. (Cl. 167-6.)

1. A spraying composition consisting of a one type oil of the kerosene group emulsified with calcium caseinate, dextrine, and colloidal clay.

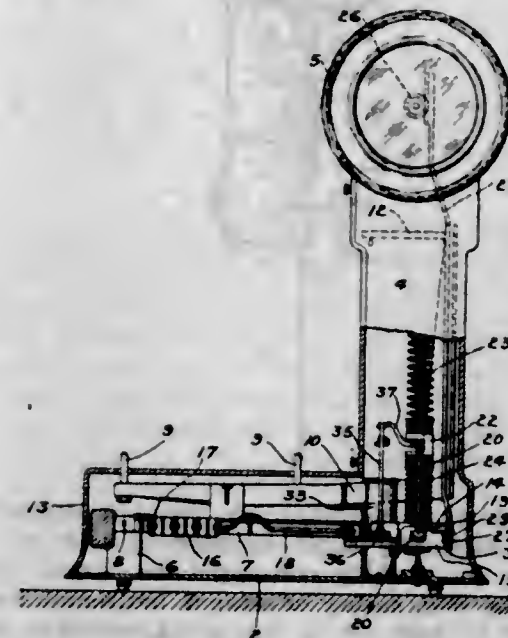
9. The process of producing an improved oil spraying emulsion consisting of dissolving in water the following ingredients, lignin liquor, dextrine, white colloidal clay, calcium caseinate, and corn oil soap and agitating the same and mixing therewith transformer oil.

1,646,150. STUCCO JOINTER. EARL J. KENNEDY, Los Angeles, Calif., assignor of one-half to California Stucco Products Company, Los Angeles, Calif., a Corporation of California. Filed Nov. 16, 1925. Serial No. 69,336. 4 Claims. (Cl. 72-138.)



4. In a device of the class described, a body having a curved broad bearing face extending from end to end and curved throughout its length, joint marking cutters aligned and disposed at spaced points endwise of the curved bearing face, there being openings through the bearing face between the spaced cutters for the reception of material removed by the cutters, and a handle attached to the body.

1,646,151. SCALE. HOMER KENNEDY, Pittsburgh, Pa., assignor, by mesne assignments, to Lincoln Scale Corporation, Pittsburgh, Pa., a Corporation of Delaware. Filed Apr. 1, 1927. Serial No. 180,132. 9 Claims. (Cl. 265-69.)



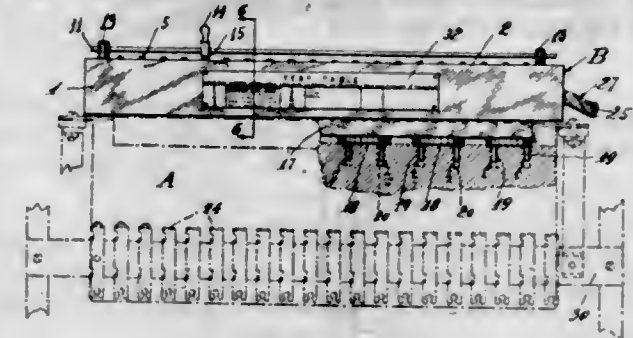
1. A scale comprising a lever, a member movable therealong, a load spring connected to the member and having its point of connection movable therewith, a load indicating means operatively connected to the lever, and means for shifting the point of connection of the load indicating means to the lever in a reverse direction to the direction of movement of the first mentioned member.

1,646,152. RADIO-CIRCUIT-TESTING INSTRUMENT. JACKSON O. KLEBER, Pittsburgh, Pa. Filed May 20, 1926. Serial No. 110,438. 4 Claims. (Cl. 250-27.)

1. In a testing apparatus for radio-receiving instruments of the character described, a box portion having a plurality of gang-plugs adapted to fit the sockets of the

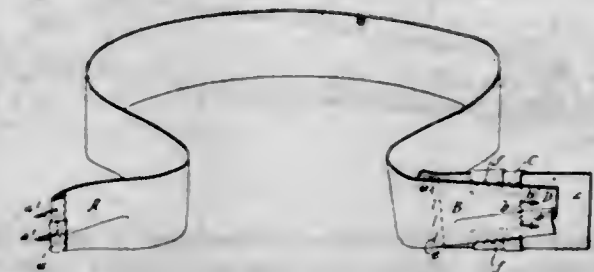
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electron-tubes of said instrument; a contact-strip having a plurality of contact-fingers adapted to engage simultaneously an equal number of terminals of said instrument, a plurality of contact points positioned on said box portion; a sliding contact-member adapted to slide over said contact-points and engage two thereof simultane-



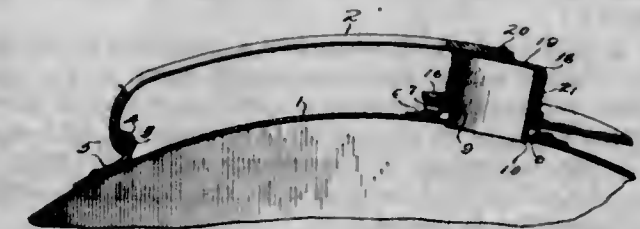
ously; metallic slide bars for guiding said sliding contact member; electrical connections for connecting into definite circuits said gang-plugs, contact-fingers and terminals to said contact points, and means for sending a test current through any circuit defined by a pair of contact points engaged by said sliding-contact-member.

1,646,153. HATBAND. MAX KREH, New Orleans, La., assignor to Wick Narrow Fabric Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Jan. 13, 1927. Serial No. 160,841. 1 Claim. (Cl. 2-179.)



In combination, a band with free ends adapted to encircle a hat crown and overlap each other, hooks adjacent one of said ends adapted for attachment to said hat, a second set of hooks adjacent the other end thereof adapted for engagement with an overlapped portion of said band, a tab integral with said band and extending beyond said second hooks and adapted to be grasped for tightening said band prior to the said engagement of said second hooks, and a separate bow affixed to said band and normally overlying said tab when said band is fully attached.

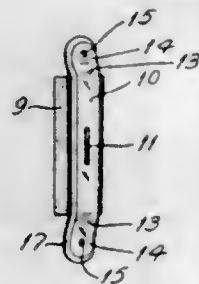
1,646,154. CLOSURE MEMBER. PHILIP J. KROLL, Joplin, Mo. Filed Oct. 9, 1925. Serial No. 61,495. 4 Claims. (Cl. 221-11.)



4. In a device of the character described, a container, a handle secured to the exterior of said container and provided with a movable end, said container being provided with an outlet opening, the movable end of said handle being adapted to be disposed over said opening,

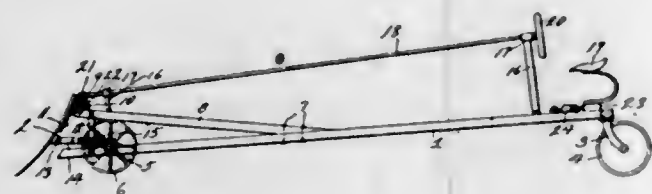
a cap carried by the movable end of said handle and adapted to close said opening, and movable means carried by said container for retaining said cap in closed position.

1,646,155. WEATHER-STRIP UNIT. DOMINICK KULAGE, St. Louis, Mo. Filed Aug. 3, 1925. Serial No. 47,692. 10 Claims. (Cl. 20-69.)



1. A weather-strip unit comprising a strip of metal having a shorter strip of felt, or the like, secured thereon, said metal strip having its ends bent inward and apertured.

1,646,156. ROAD GRADING AND SCRAPING MACHINE. JOHN W. LEHMKUHLER, Arnold, Nebr. Filed Oct. 17, 1925. Serial No. 62,995. 1 Claim. (Cl. 37-180.)



A road scraping machine comprising a wheel supported frame, a transversely disposed scraper blade forwardly of the frame, a transversely disposed shaft carried by the forward end of the frame, gears carried by the ends of said shaft, arcuate racks carried by the rear side of the blade and meshing with the gears, a worm gear carried by the transversely disposed shaft, a rearwardly extending operating shaft, a worm carried by the operating shaft and meshing with the worm gear, apertured links pivoted to the rear side of the blade and extending rearwardly, vertically disposed bars carried by the frame and with which the apertured links engage and securing bolts extending through apertures of the links and the vertically disposed bars.

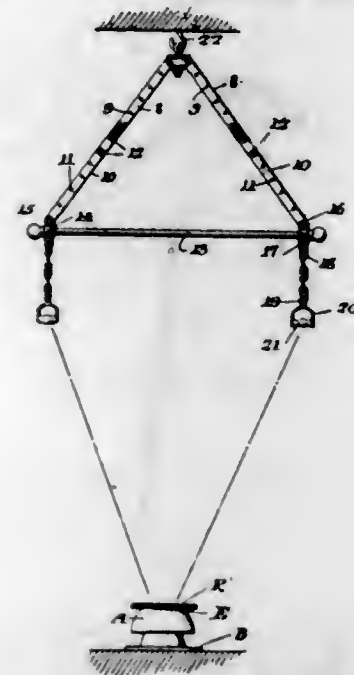
1,646,157. DRY-POWDERED JELLY BASE CONTAINING PECTIN AND SUGAR AND PROCESS OF MAKING SAME. HERBERT T. LEO, Topeka, Kans. Filed Mar. 14, 1922. Serial No. 543,792. 4 Claims. (Cl. 99-11.)

4. A jelly base which comprises a powdered pectin and finely divided sugar, the quantity of sugar in the composition varying in accordance with the variation in the jellyfying capacity of the pectin, the amount of said sugar also being determined in accordance with its ability to effect the solution of the pectin in the liquid into which the composition is placed.

1,646,158. EXERCISER SWING. ROBERT B. MCWHIRTER, Marietta, Ohio. Filed Dec. 24, 1925. Serial No. 77,495. 3 Claims. (Cl. 272-61.)

1. An exerciser swing including a handle bar, a support engaging swivel eye, sleeves mounted on the ends

of the handle bar, longitudinally adjustable connections between the sleeves and the swivel eye for supporting the bar at a predetermined distance from the swivel eye,



said bar and connections being mounted to rotate relative to the swivel eye and to swing relative to the support of the swivel eye.

1,646,159. DIRECTION INDICATOR. GILBERT E. METHERD, Indianapolis, Ind. Filed Apr. 29, 1927. Serial No. 187,438. 10 Claims. (Cl. 116-52.)

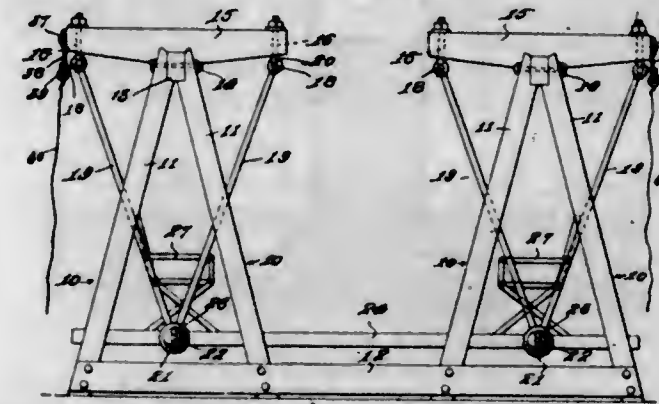


1. A direction indicator for vehicles, comprising a casing, a horizontal shaft mounted in said casing and extending transversely thereof, two arms pivotally mounted in said casing on spaced horizontal axes perpendicular to said shaft, two gears rotatably mounted in spaced relation on said shaft, pinions meshing respectively with said gears and rigid respectively with said arms, said casing being provided with slots to permit the passage of said arms as they are moved about their respective axes of pivotal mounting, and control mechanism operable by the driver of the vehicle for rotating either of said gears to cause the associated arm to swing about its axis of pivotal mounting into or out of said casing.

1,646,160. SWING. WILLIAM A. MILAM, Seymour, Tex. Filed Feb. 5, 1926. Serial No. 86,260. 1 Claim. (Cl. 155-61.)

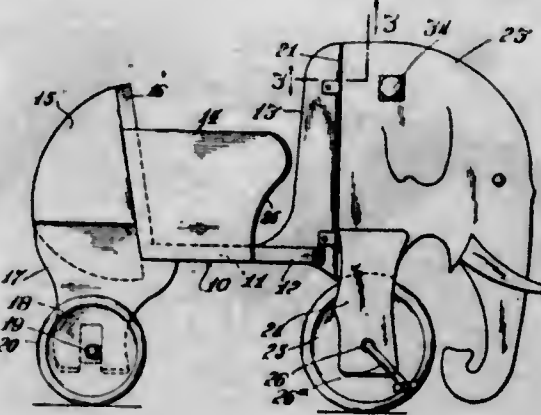
A swing support comprising four pairs of upwardly converging bars, longitudinally extending sills connecting

each two pair of bars at the lower ends thereof, transversely arranged bars secured to and connecting each two pair of bars, a pair of spaced parallel longitudinally extending bar members secured to each of said transverse bars and arranged in aligning pairs, connecting ele-



ments secured to the outer ends of said last named bars and each formed from a single rod coiled intermediate its ends to define a loop, and a pair of eye-bolts carried by each of said last named bars at the ends thereof and constituting suspension elements from which a swing may be hung.

1,646,161. CHILD'S VEHICLE. WILLIAM B. MILES, Downers Grove, Ill., assignor of one-half to John Robert King, Downers Grove, Ill. Filed Apr. 10, 1926. Serial No. 101,011. 8 Claims. (Cl. 208-42.)

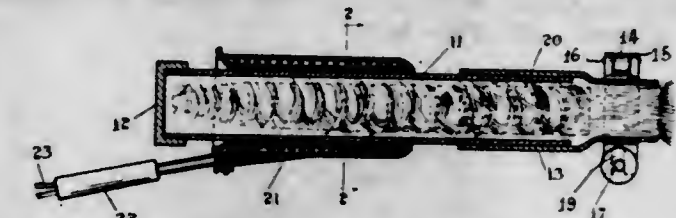


1. A vehicle of the character described, comprising a body in semblance of an animal composed of the main or trunk portion and the fore or head portion, hingedly secured together, the main portion being cut out at top to a point adjacent to the bottom to provide a seat below the longitudinal axis of the body, side portions on opposite sides of the seat spreading toward the front, the hinge connection between the main portion and the head portion consisting of two complementary members, one of said members being of loop form arranged to straddle the forward end of the body portion to which it is secured, the intermediate portion of said member being provided with a flat horizontally disposed plate extending rearwardly into a groove in the body portion, the other member being secured to the head portion and having a plate portion arranged in the groove of the body portion parallel with the plate of the other member, the two plate portions being pivotally secured together within the groove, supporting wheels secured to the bottom of the rear end of the body portion and arranged beyond the sides of the body, and a wheel journaled at the bottom of the head portion.

1,646,162. HAIR WAVER. ROBERT F. MINTY, Montreal, Quebec, Canada. Filed Feb. 16, 1924. Serial No. 693,339, and in Canada July 5, 1923. 1 Claim. (Cl. 132-36.2.)

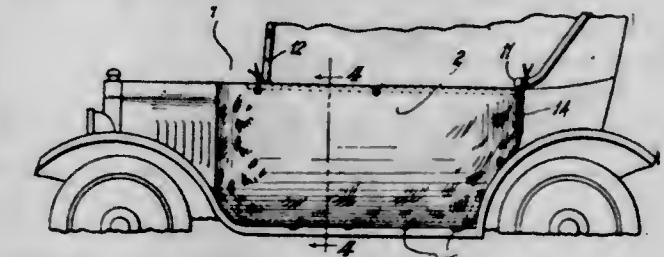
A hair waving device comprising a metal tube having an imperforate closure at one end and being open at

the other end, a cone insertable in said tube and about which the hair is adapted to be wound, a flexible tube



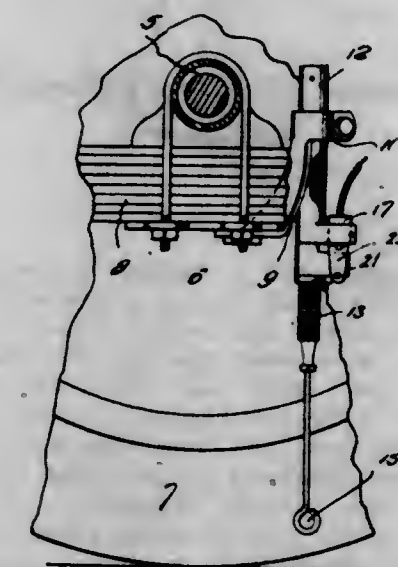
secured to the open end of the metal tube, and provided with means for clamping it about the hair and means for heating said tube.

1,646,163. MOTOR-VEHICLE LUGGAGE CARRIER. THOMAS W. MOORE, Dallas, Tex. Filed Jan. 24, 1927. Serial No. 163,023. 5 Claims. (Cl. 224-29.)



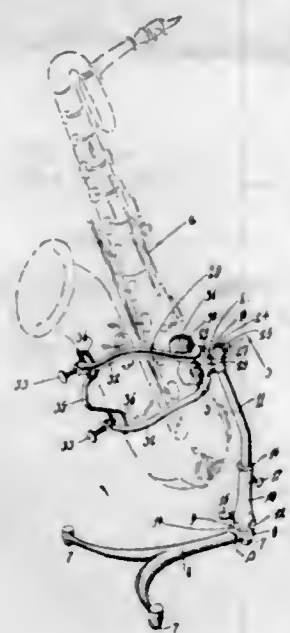
1. A luggage carrier for motor vehicles or the like comprising a body portion of waterproof cloth or light flexible material, which when disassembled and spread flat is substantially square, a pole adapted to extend substantially centrally across the cloth when the same is folded over with its free edges downward, said pole being adapted to be secured adjacent its ends to fixed members of the vehicle, and means for securing together the three downwardly extending edges of the cloth to form a bag after the goods have been assembled upon the running board of a vehicle.

1,646,164. TIRE ALARM. GUY MOSCATE, Salamanca, N. Y. Filed Apr. 1, 1926. Serial No. 99,030. 3 Claims. (Cl. 200-58.)



1. A device of the class described including, in combination, a bracket adapted to be mounted upon a stationary member of a vehicle at the inner side of one of the wheels thereof, a depending sleeve mounted upon the bracket, a flexible bar secured at one end within said sleeve and having the other end projecting therefrom, a stationary contact secured to the sleeve, a contact secured to the flexible bar directly beneath said stationary contact and adapted to be engaged with said stationary contact when the lower end of the bar is flexed rearwardly.

- 1,646,165. SUPPORT FOR MUSICAL INSTRUMENTS. WILLIAM NAJOKS and EVERETT E. McLAUGHLIN, Los Angeles, Calif. Filed Dec. 5, 1925. Serial No. 73,428. 4 Claims. (Cl. 248-40.)



1. A support for a musical instrument comprising a base, a standard on said base, an instrument seat connected with the standard, an arm projecting from one side of the instrument seat, a second instrument seat, the space between the instrument seats being open on the side opposite to said arm, and a screw threaded into the arm and engaging the outer face of the second instrument seat.

- 1,646,166. TIRE-REPAIR KNIFE. JOHN M. NEWTON, Sioux Falls, S. Dak. Filed Jan. 3, 1927. Serial No. 158,729. 1 Claim. (Cl. 30-9.)

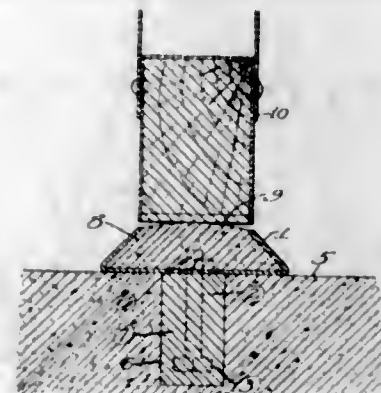


In a tire repair tool, a combined cutter and layer lifter embodying a shank having a free end bent outwardly at substantially right angles to form a blade, said blade having a curved outer side edge sharpened to form a horizontal curved knife edge, the front end of the horizontal part of the blade having a cut-out to form a V-shaped cutting point, the front edge of the shank being vertical and sharpened on its sides to provide a curved knife edge disposed adjacent to the V-shaped cutting point, and the rear side of the shank being formed with a V-notch which forms a side of said V-shaped cutting point, the V-shaped cutting point being located between the curved vertical and horizontal knife edges.

- 1,646,167. THRESHOLD AND PROCESS OF CONSTRUCTING SAME. FRANCIS J. PLYM, Niles, Mich., assignor to The Kawneer Company, Niles, Mich., a Corporation of Michigan. Filed Dec. 14, 1925. Serial No. 75,205. 1 Claim. (Cl. 72-98.)

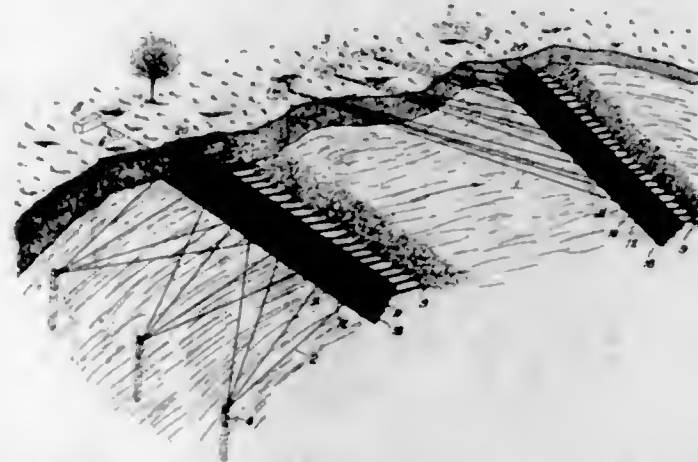
The process of constructing a threshold comprising anchoring a trough at the position to be occupied by the threshold, then over-filling said trough with a self

hardening plastic material so that said material will extend above the plane of the trough, and finally removing all excess plastic material to obtain an exact fit between



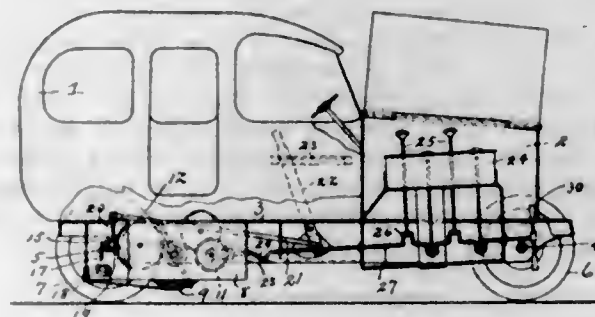
said threshold and a contiguously mounted door, by swinging said door across the threshold and in contact with said material while it is still in a plastic condition.

- 1,646,168. JETTY. WAYNE PRINGLE, Lincoln, Nebr., assignor to Woods Brothers Corporation, Lincoln, Nebr., a Corporation of Nebraska. Filed May 24, 1924. Serial No. 715,539. 9 Claims. (Cl. 61-4.)



8. In combination with an upright jetty positioned in a stream and having silt retaining members, a plurality of trees positioned in the rear of the jetty and anchored thereto by means of cables passing about the trunks of the trees.

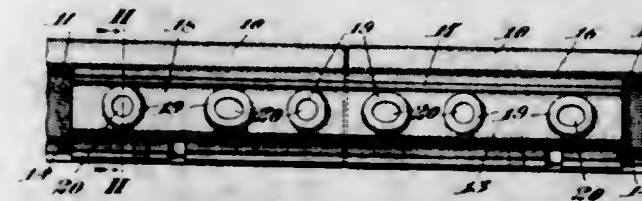
- 1,646,169. TOY AUTOMOBILE. FRITZ ROSENBAUM, Nuremberg, Germany. Filed Oct. 2, 1926. Serial No. 139,131, and in Germany Mar. 1, 1926. 3 Claims. (Cl. 46-48.)



1. In a toy automobile, a body having front and rear wheels, a spring motor for transmitting driving motion to the rear wheels, means for throwing said motor into and out of connection with the rear wheels, an imitation motor at the front of the vehicle including reciprocating

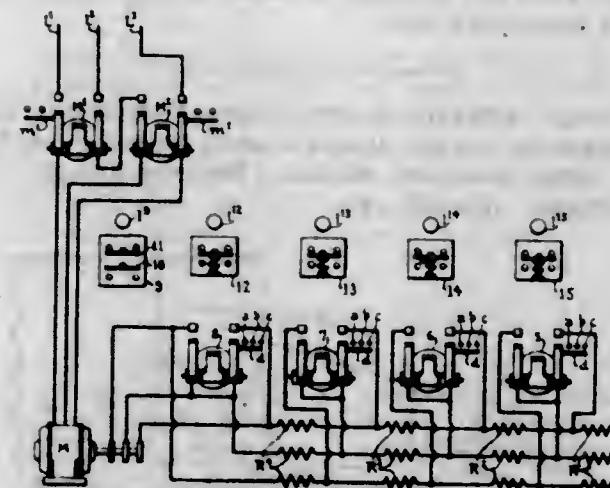
parts, and a shaft driven by the spring motor for reciprocating said parts, said shaft and reciprocating parts constituting a governor regulating the driving motion of the spring motor.

- 1,646,170. SPLICE BAR AND METHOD OF MANUFACTURE. ELMER S. SEAVEY, Bethlehem, Pa., assignor to Bethlehem Steel Company. Filed Mar. 10, 1926. Serial No. 93,615. 13 Claims. (Cl. 238-243.)



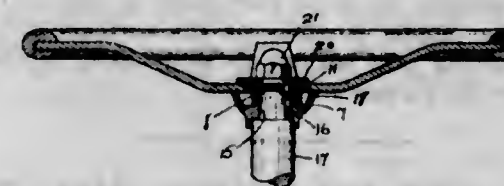
1. A splice-bar for railway-rails, comprising a rolled metal bar having upset forged reinforcement formed around the bolt-holes.

- 1,646,171. MOTOR CONTROLLER. EDWIN W. SEEGER, Milwaukee, Wis., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis., a Corporation of Wisconsin. Filed Aug. 30, 1924. Serial No. 735,061. 5 Claims. (Cl. 172-179.)



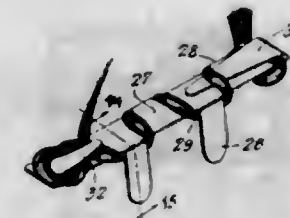
1. In a motor controller, in combination, a plurality of electro-responsive control switches for the motor, a control station for each of said switches, each of said stations including a control member biased towards a given normal position and means necessitating movement of said control members out of and into their normal positions in a given sequence to effect closure of said switches.

- 1,646,172. STEERING WHEEL. HERBERT J. SEWELL and LESTER C. WILKING, Detroit, Mich., assignors to Sewell Cushion Wheel Company, Detroit, Mich., a Corporation of Delaware. Filed Apr. 1, 1925. Serial No. 19,802. 4 Claims. (Cl. 74-83.)



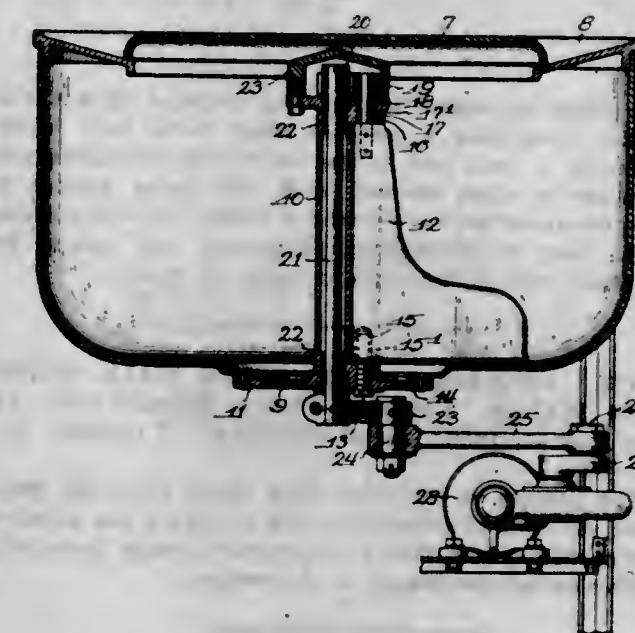
1. In combination with a steering wheel spider having a splined central opening, a correspondingly splined hub member having a cup-shaped portion surrounding the splines and spaced therefrom, said cup-shaped portion being constructed and arranged to have its edge form a support for the under side of said spider.

- 1,646,173. HAIR WAYER. MARIE CATHERINE STEICHEN, New York, N. Y. Filed Mar. 3, 1927. Serial No. 172,265. 3 Claims. (Cl. 132-40.)



1. A hair waver comprising a normally straight but bendable flexible back and integrally connected flexible prongs branched from the opposite sides of said back and bent from such opposite sides toward each other and toward a generally parallel relation, forming yieldable down turned hooks beneath which a strand of hair laced across the back may be caught, said hooks being yieldable to the strand and capable of being pinched together to tension the strand and bendable extensions at the ends of the back and adapted to be folded down over the back to form hooks for securing opposite ends of the strand of hair, all whereby the strand may be secured and properly tensioned by bending the waver accordingly and whereby because of its pliability the waver will meet the comfort of the wearer.

- 1,646,174. WASHING MACHINE. OTTO E. SZEKELY, Moline, Ill. Filed Sept. 10, 1926. Serial No. 134,593. 10 Claims. (Cl. 259-100.)

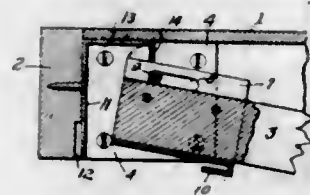


1. A washing machine comprising a tub, and an impeller arranged within the tub and comprising a vertical support with radially disposed parts at the top and at the bottom thereof spaced apart around the support, a plurality of vanes pivotally mounted in said radially disposed parts and projecting outwardly from the support, and means for positively swinging said vanes separately in alternately varying arcs described from their pivots.

- 1,646,175. FOLDABLE TABLE. AUGUST THIEDE, Chicago, Ill. Filed May 7, 1926. Serial No. 107,313. 6 Claims. (Cl. 45-11.)

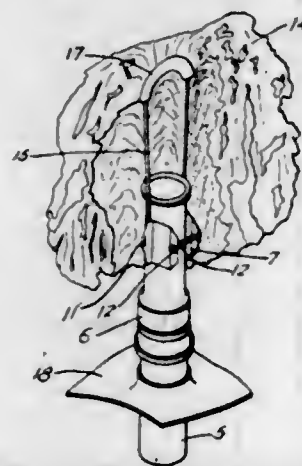
1. In a table-leg connection, the combination with a pair of plates to be secured to a table structure with the plates spaced apart, of a leg having its inner end between said plates and braced against lateral strains thereby, co-

acting means carried by the leg and one of the plates, respectively, for locking the leg against accidental movement when in upright or table-supporting position, and



means pivotally connecting the leg to the plates and permitting endwise movement of the leg to release and engage the locking means.

1,646,176. CLEANING DEVICE. JAMES E. TWITCHELL, Detroit, Mich. Filed July 10, 1925. Serial No. 42,806. 6 Claims. (Cl. 15-128.)

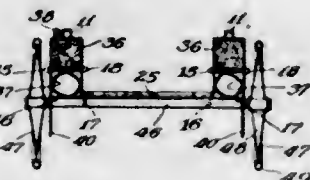


1. A clamp for supporting rubbing material upon a hose or nozzle comprising a plate of sheet metal bent to approximately U form and having outwardly extending ribs upon opposite sides thereof, said ribs being formed to provide retaining means whereby a holder for said rubbing material may be detachably supported, and means for contracting said clamp upon a hose or nozzle.

1,646,177. PROCESS OF REMOVING WALL PAPER FROM WALLS. LEWIS O. ULLOM, Ellwood City, Pa. Filed May 11, 1925. Serial No. 29,643. 7 Claims. (Cl. 216-62.)

5. The process of removing wall paper from the walls or other surfaces by saturating and softening the adhesive substance with a solution of oxalic acid thereby destroying the adhesion of the paper to the walls.

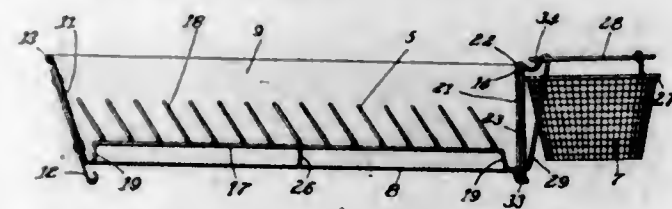
1,646,178. WATER VEHICLE. JOHANN ZÄCH, Munich, Germany. Filed Apr. 25, 1927. Serial No. 186,310, and in Germany Oct. 30, 1926. 3 Claims. (Cl. 9-18.)



1. In a water vehicle for bathing, a tubular metal frame work comprising a pair of truss members, transverse braces, and end frame members, a sheet metal floor supported by said truss members, a pair of upper frame members disposed above each of said trusses, buoyant members between said upper frame members and trusses

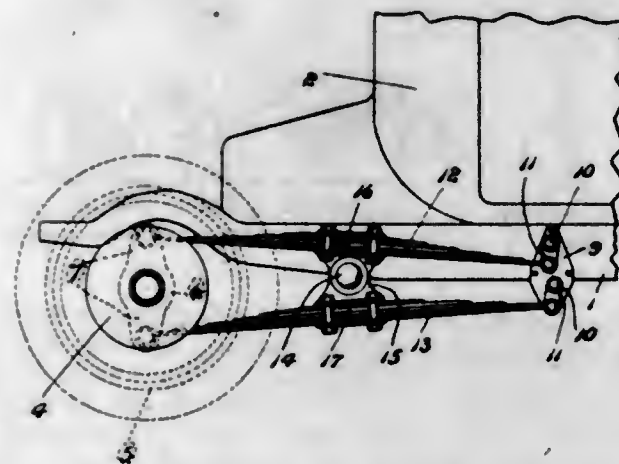
comprising elongated containers filled with cork, and inflatable rubber members supported within said trusses and adapted to provide adjustable buoyant force for the vehicle.

1,646,179. DISH DRIER. ARTHUR G. ANDREWS, Rockford, Ill., assignor to The Washburn Company, Worcester, Mass., a Corporation of Massachusetts. Filed July 17, 1924. Serial No. 726,437. 3 Claims. (Cl. 141-11.)



1. A dish drier comprising, in combination, an inclined drain pan having closed sides except at its lower end which is open, a reinforcing wire for the upper edge of the drain pan extending across the open end, a dish tray composed of longitudinal wires and cross wires, the longitudinal wires being turned upwardly at the lower end of the pan and pivotally attached to the reinforcing wire, and a dish-retaining wire having a horizontal portion united to the upright ends of the longitudinal wires and being turned upwardly laterally beyond said longitudinal wires and pivotally attached at their upper ends to said reinforcing wire.

1,646,180. SPRING SUSPENSION FOR VEHICLES. WALTER S. AUSTIN, Grand Rapids, Mich. Filed Mar. 30, 1920. Serial No. 99,945. Renewed Apr. 4, 1927. 9 Claims. (Cl. 267-1.)

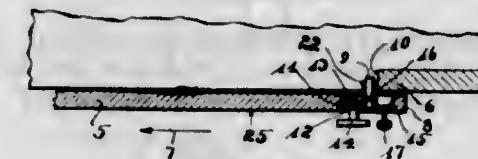


1. In a spring suspension for vehicles, the combination with a chassis frame, rear axle and rear axle housing, of a member secured to the frame, a pair of shackle links pivotally mounted on said member, a member swivelly mounted on the rear axle housing, a pair of cantilever springs disposed one above the other, said springs being connected at their front to the shackle links and diverging rearwardly therefrom to points above and below the rear axle housing and having connection to said swivelled member at their rear ends, a block interposed between the middle portions of the springs, and means rigidly securing said springs to said block, substantially as and for the purposes described.

1,646,181. LOCK FOR RAILROAD CARS. WILLIAM BABEKUHL, Los Angeles, Calif. Filed Nov. 1, 1926. Serial No. 145,538. 2 Claims. (Cl. 70-31.)

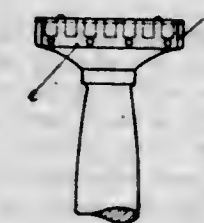
1. In a freight-car lock, a pawl mounted to swing in a normally vertical plane to extend out of the inner side of a car door and adapted to withdraw to within the body of the door in inoperative position, a gear mechanism in operative connection with said pawl having key

supporting means by which the pawl can be operated, and a latch-key operated bolt disposed to shift over the top of the pawl when the pawl is in locking position.



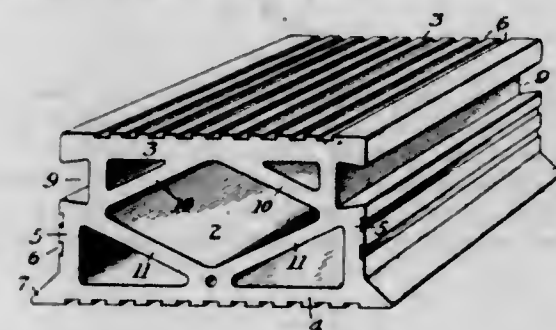
cally horizontal position projecting out of the side of the door for locking the pawl in this position against swinging movements.

1,646,182. PAINTBRUSH. SIGMUND BECK, Nuremberg, Germany. Filed Sept. 20, 1926. Serial No. 136,543, and in Germany Apr. 21, 1926. 3 Claims. (Cl. 15-202.)



1. A paint-brush comprising, in combination, a brush back provided with a plurality of parallel grooves in one face, a plurality of metal bristle-carrying frames secured in said grooves of the brush back, and retaining members engaging the ends of the brush back and having comb-shaped projections at right angles thereto extending between and over said metal frames and securing the same immovably in the brush back.

1,646,183. COMPOSITE FLOOR STRUCTURE. PHILIP H. BEVIER, Brooklyn, N. Y., assignor to National Fire Proofing Company, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed May 8, 1924. Serial No. 711,840. 5 Claims. (Cl. 72-66.)

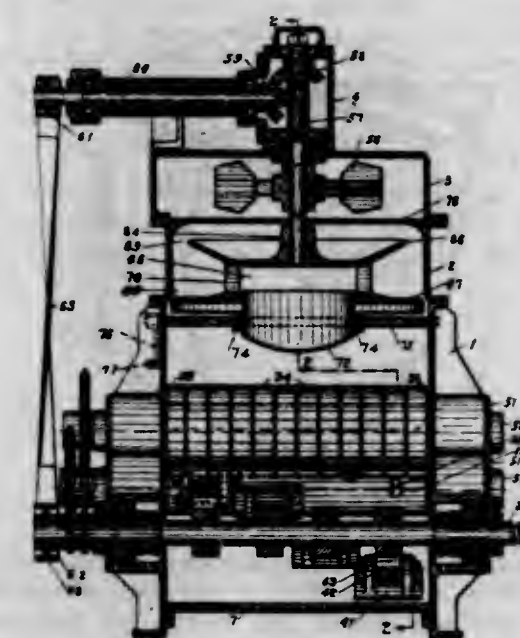


1. A hollow tile for floor structures, having substantially flat upper and lower walls, side walls extending between said upper and lower walls, bracing webs extending divergently from the center of the upper wall to the side walls, and bracing webs extending convergently from the points of intersection of the first mentioned bracing webs and side walls to the center of the lower wall, substantially as described.

1,646,184. APPARATUS FOR COMMUNUTING MATERIALS. CHARLES H. BIRCH, Joliet, Ill. Filed Oct. 31, 1924. Serial No. 747,083. 17 Claims. (Cl. 83-11.)

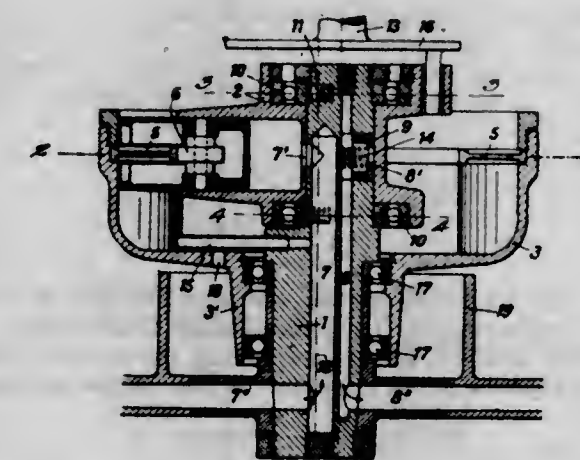
1. In a device of the character described and in combination, a casing provided with an inlet and outlet, a blower having rotatable vanes arranged to discharge com-

minuted material through said outlet, means for regulating the passage of material through the casing, said last mentioned means comprising an apertured member



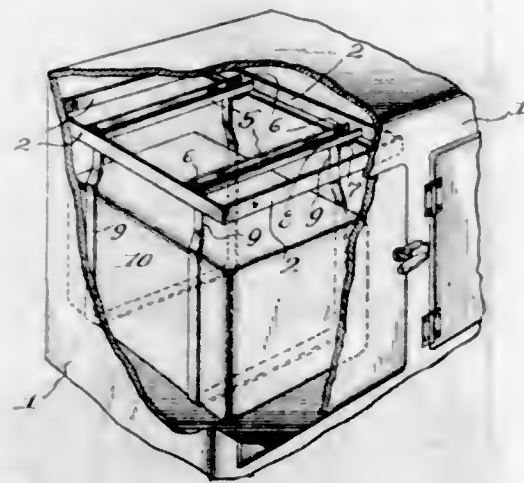
constrained to rotate with the vanes, and valve means for controlling the passage of material through the aperture in said member.

1,646,185. ENGINE WITH ROTATING CYLINDERS ARRANGED RADIALLY. BERNHARD BISCHOF, Geneva, Switzerland. Filed Oct. 2, 1924. Serial No. 741,111, and in Germany Oct. 17, 1923. 1 Claim. (Cl. 230-177.)



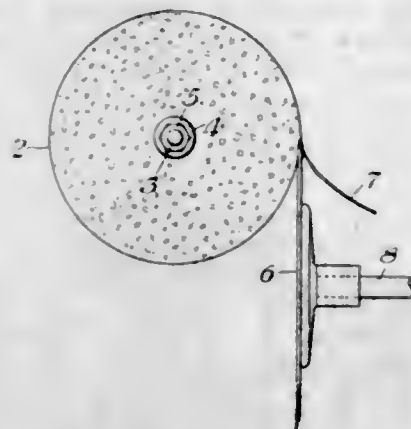
In an engine or compressor with rotating cylinders arranged radially, a stationary vertical and cylindrical shaft containing the passages for the inlet and the outlet and for the control of the pressure medium, a cylinder star being rotatably and freely arranged, with a slight amount of play, on said stationary shaft by means of ball bearings, said bearings consisting of an inner ring upon said stationary shaft, an outer ring in said cylinder star and a series of balls between said rings, springs between the inner ring of said ball bearings and said stationary shaft, said springs being arranged opposite to that passage which controls the high pressure and a ring eccentric to the axis of said cylinder star, the pistons of said cylinders bearing against said ring, and said ring being freely and rotatably supported by said shaft.

1,646,186. BRINE-TANK HANGER. RALPH BUIT, Muskegon, Mich., assignor to The Alaska Refrigerator Company, Muskegon, Mich., a Corporation of Michigan. Filed Aug. 28, 1926. Serial No. 132,147. 8 Claims. (Cl. 62-95.)



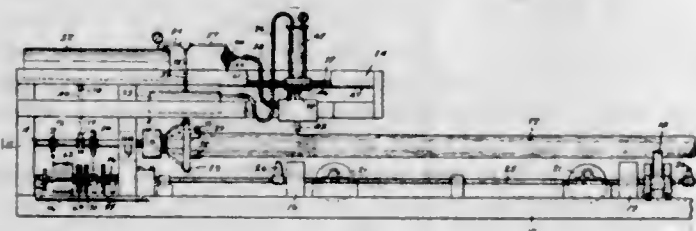
1. A brine tank hanger comprising a frame adapted to be secured in a refrigerator, a plurality of slidable bars resting upon the frame and means for clamping said bars in a plurality of positions on the frame.

1,646,187. CORK RIBBON AND METHOD OF MAKING THE SAME. HERMAN F. BUSCH, Millvale, Pa., assignor to Armstrong Cork Company, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed July 1, 1926. Serial No. 119,927. 7 Claims. (Cl. 144-309.)



1. An artificial cork ribbon cut from a block of compressed artificial cork, the ribbon being longer than the block from which it is cut and having the flattened cork granules disposed at an angle to the face of the ribbon.

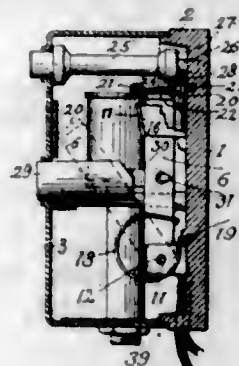
1,646,188. TIMBER-PERFORATING MECHANISM. GEORGE A. COLMAN, Seattle, Wash. Filed Dec. 21, 1922. Serial No. 608,242. 9 Claims. (Cl. 144-2.)



1. A pole perforating mechanism embodying a pole adjusting and supporting mechanism whereby a pole may be rotated while supported; and a perforating means yieldingly pressed against said pole, which means is automatically movable lengthwise of said pole as the

latter rotates and is caused by contacting said pole to move relatively over said pole circumferentially in synchronism with the rotation of said pole.

1,646,189. AUTOMATIC RELEASING SWITCH. ARTHUR R. CURTIS, Cleveland, Ohio. Filed Dec. 28, 1923. Serial No. 683,207. 5 Claims. (Cl. 200-106.)



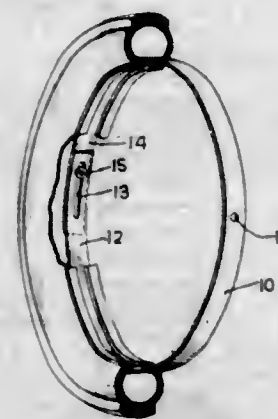
1. An automatic releasing switch having a casing consisting of a base and a cup shaped cover adapted to be secured to the base, a switch mounted on the base and having a fixed contact member and a movable contact member biased toward open position, a latch movably mounted on the base and engageable with the movable contact member to hold the same in engagement with the fixed contact, said latch having a bias toward its engaging position, said latch having a laterally extending portion, a vertically disposed tube of insulating material detachably secured at its lower end to the cover and positioned within the same alongside the switch and beneath the laterally extending portion of the latch, a solenoid supported on said tube, said solenoid having a core within the tube which is adapted to be actuated to strike said laterally extending portion of the latch to release the latch upon passage of a predetermined current through the solenoid, and terminals on said abse to which the opposite ends of the solenoid winding are connected.

1,646,190. WINDOW-DECORATING DEVICE. FRANK A. CYLKOWSKI, Detroit, Mich. Filed Nov. 12, 1925. Serial No. 68,647. 5 Claims. (Cl. 40-130.)



2. A window decorating device of the class described, comprising: a pair of tubular supporting standards; a pair of tubular extension members, each telescoping with one of said standards; a horizontally disposed supporting member on said extension members and connecting the same; a plurality of drapes suspended from said horizontally disposed supporting member for forming a frame; a banner carried by said extension members and positioned behind said frame; and means for illuminating said banner.

1,646,191. TIRE FLAP. EDWARD R. DEKTER, Goshen, N. Y. Filed Dec. 14, 1926. Serial No. 154,670. 3 Claims. (Cl. 152-20.)



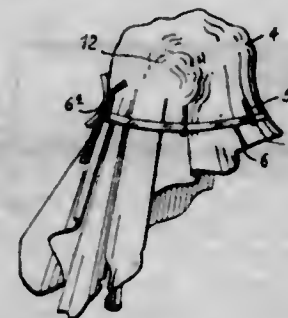
3. An adjustable tire flap perforated to receive a valve stem at a point substantially intermediate the ends thereof, one end of said flap having an extended slot to afford adjustability of the circumferential dimension of the complete flap to permit the flap to be used with various commercial sizes of tires, the other end of said flap having fixedly connected thereto a member embracing both sides of said end and having a portion thereof adapted to extend through the slot in the other end and to overlap the material of said other slotted end, thereby affording a freely slidable adjustable connection.

1,646,192. COLLAR AND METHOD OF MAKING SAME. GARRY J. DORMANDY, Troy, N. Y., assignor to Lion Collars & Shirts, Inc., Troy, N. Y., a Corporation of New York. Original application filed Dec. 9, 1921, Serial No. 521,151. Divided and this application filed Dec. 19, 1924. Serial No. 756,808. 4 Claims. (Cl. 2-181.)



1. A fold-over collar having principal parts for band and top respectively each formed of a single piece of single ply fabric, said parts having edges of similar but opposite curvature, the margins at said edges being united in face-to-face juxtaposition by a binding surrounding the said edges and fastened through said margins on a line parallel to said edges.

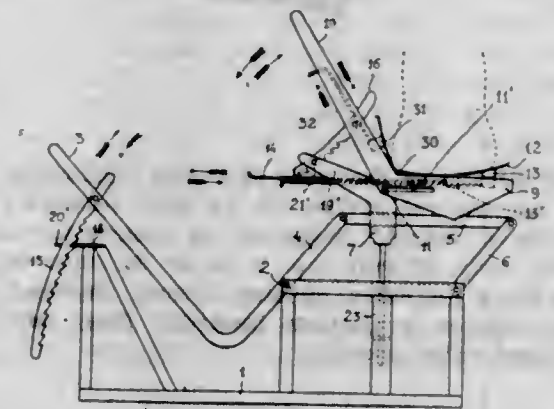
1,646,193. HAT AND NECK PROTECTOR. LOUIS FARKAS, Bronx, N. Y. Filed May 22, 1925. Serial No. 31,992. 3 Claims. (Cl. 2-187.)



1. A hat protector comprising a piece of sheet material having a comparatively short front side continued in a pair of outwardly and backwardly directed front side

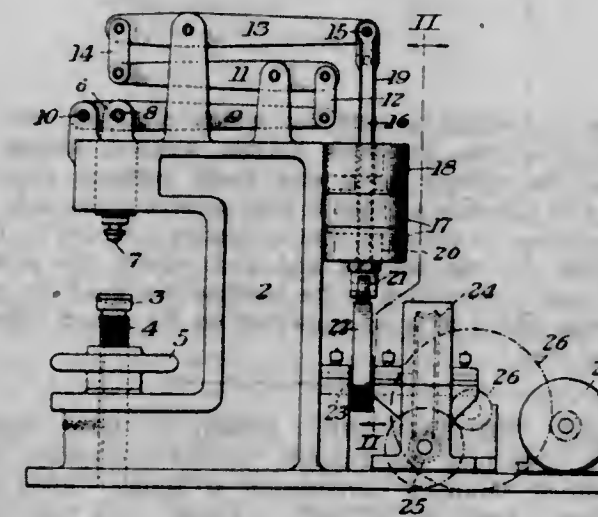
edges and a pair of inwardly and backwardly directed rear side edges, said second pair of side edges meeting at about the central axis of said piece of material, part of the material at the two ends of the front edge being separated, doubled underneath the front part of the protector, secured to it at its two ends so as to form a pocket, a row of loops secured to one side of said piece of material and a ribbon slidably passed underneath said row of loops, for the purpose set forth.

1,646,194. ORTHOPEDIC APPLIANCE. ERNEST FISCHER, Budapest, Hungary. Filed Mar. 20, 1926. Serial No. 96,191, and in Hungary Jan. 28, 1926. 8 Claims. (Cl. 128-68.)



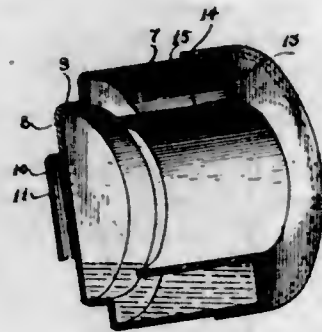
1. An orthopedic appliance of the type specified comprising in combination a framework, bent levers carried pivotally from the said framework, the said levers being arranged substantially parallel to one another and at a suitable angle with respect to the sole of the foot, together with means for adjusting the levers vertically and for oscillating the said levers and for holding the said levers in the adjusted positions.

1,646,195. HARDNESS-TESTING MACHINE AND METHOD OF TESTING HARDNESS. HOWARD M. GERMAN, Crafton, Pa. Filed May 29, 1926. Serial No. 112,570. 11 Claims. (Cl. 265-12.)



1. In the method of testing the hardness of materials by deformation, the steps comprising providing a material engaging member, gradually producing a predetermined definite relative movement between said member and the material to be treated to bring the same together, exerting a predetermined and constant gravity pull on said member to cause it to penetrate the material being tested an amount determined by the hardness of such material, and then returning said member to its original position.

1,646,196. OIL CUP. WILLIAM GREASON, Detroit, Mich. Filed Nov. 1, 1926. Serial No. 145,479. 4 Claims. (Cl. 41-5.)



1. An oil cup of the class described comprising a cup having the central portion of its base outwardly offset to provide a reduced receptacle in communication with the main body of said cup; a cover for said cup, said cover having an entry opening formed therein; and a tubular member projecting inwardly from said cover around said entry opening.

1,646,197. LOADING SYSTEM. ROBERT P. GREENLEAF, Shaker Heights, Ohio, assignor to Frank Billings, Cleveland, Ohio. Filed Dec. 8, 1924. Serial No. 754,549. 13 Claims. (Cl. 214-41.)

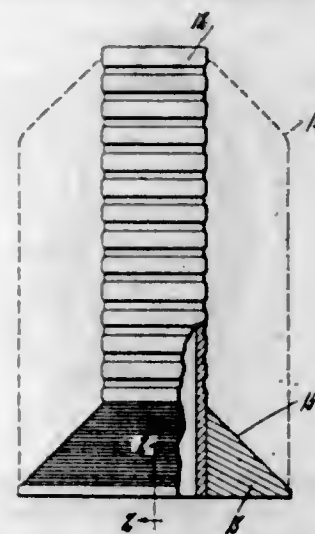


1. In a loading system by which material may be loaded into cars, an open bottom scraper, means for moving the scraper back and forth between the material and the cars so that it may receive loads and convey the same to the cars, and a member adapted to form a bottom for the scraper and onto which the scraper moves and is connected in its movement toward the cars, and from which it is disconnected on its return trip for another load.

1,646,198. THREAD COP. ROBERT L. HAM, Boston, Mass., assignor to Summit Thread Company, East Hampton, Conn., a Corporation of Maine. Filed Aug. 9, 1926. Serial No. 127,987. 1 Claim. (Cl. 142-120.)

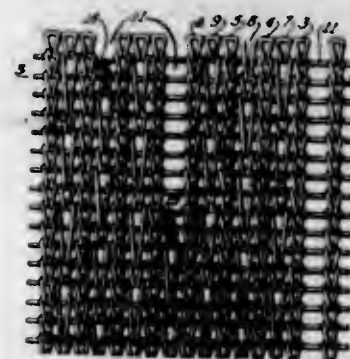
A thread cop, adapted to receive a universally wound thread mass, comprising a tubular core, and an annular head fixed to an end portion of the core, and having a flat bottom face in a plane substantially at a right angle with the core, and a frusto-conical top face inclined relative to the core, and provided with parallel annular transversely concave peripheral depressions meeting each other to form parallel annular obtuse angled ridges, spaced apart by the depressions, the inclination of the top face and the form of the depressions being such that a thread convolution dropping from the lower end of a

thread layer, wound on the cop, is supported by the outer portion of a depression below said layer, and prevented



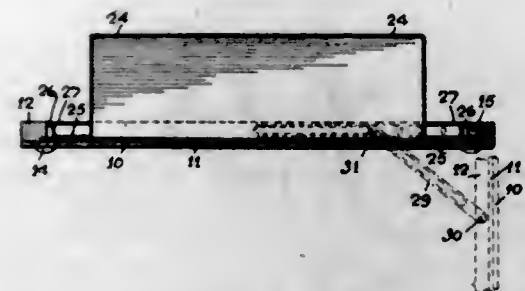
from dropping across the margin of the head, the obtuse angled ridges being free from liability to be chipped or broken.

1,646,199. KNITTED STOCKING. RALPH HINCHLIFF, Rockford, Ill., assignor to Burson Knitting Company, Rockford, Ill., a Corporation of Illinois. Filed Mar. 21, 1923. Serial No. 626,466. 3 Claims. (Cl. 66-180.)



1. An openwork knitted stocking including wales of plain and held loop stitches, certain of the held loop stitches being raveled to produce open work stripes, and means positively binding the yarns in certain held loop stitch wales at determined points in the body of the stocking to preclude further raveling, whereby to produce a determined pattern by the contrast of the plain and held loop stitch wales and the raveled wales.

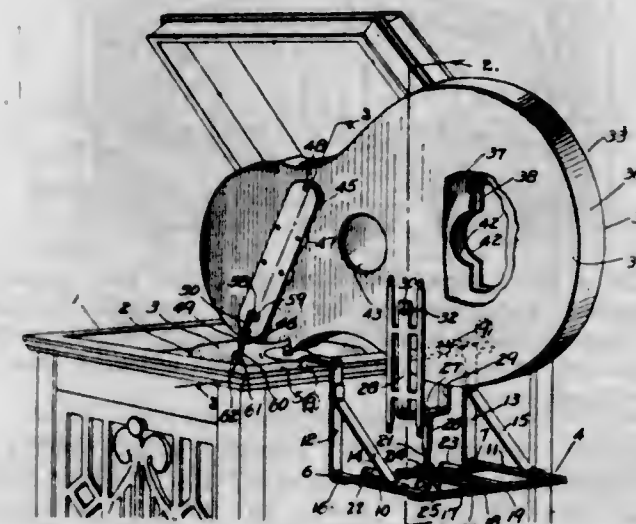
1,646,200. WALL CABINET. JOSEPH A. HOEGGER, Jersey City, N. J. Filed Oct. 24, 1925. Serial No. 64,509. 4 Claims. (Cl. 211-7.)



1. A wall cabinet having a box like body adapted to be secured in a recess in a wall, said body having at its open edge portion a hollow laterally extending frame,

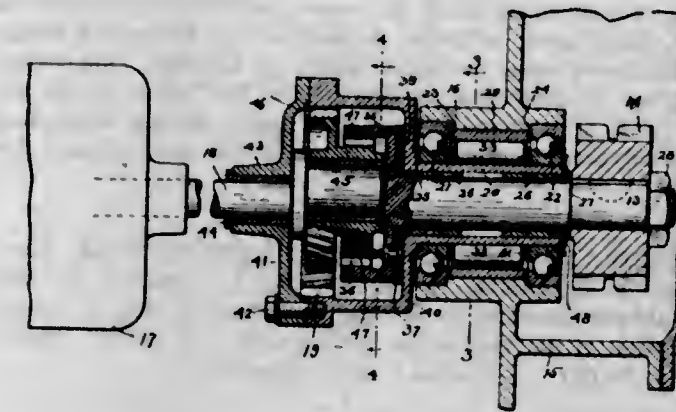
and a door hinged within the body frame, said door having a face plate and a marginal frame around the back edge of the plate adapted to lie against the wall and enclose the frame of the cabinet body adjacent the box like body.

1,646,201. SOUND-REPRODUCING DEVICE. EERT U. IJWERKS, Kansas City, Mo. Filed Jan. 25, 1926. Serial No. 83,540. 5 Claims. (Cl. 274-25.)



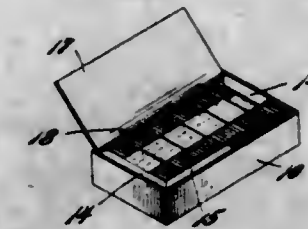
1. In a sound reproducing device, a resonating body having parallel side walls and a plurality of resonating sound boards between the side walls, a vibration-spreading member directly connected to and extending transversely across one of the side walls, and means on the vibration-spreading member for carrying a stylus.

1,646,202. STARTING MECHANISM. JAMES P. JOHNSON, Cleveland Heights, Ohio. Filed Sept. 30, 1925. Serial No. 59,455. 4 Claims. (Cl. 74-59.)



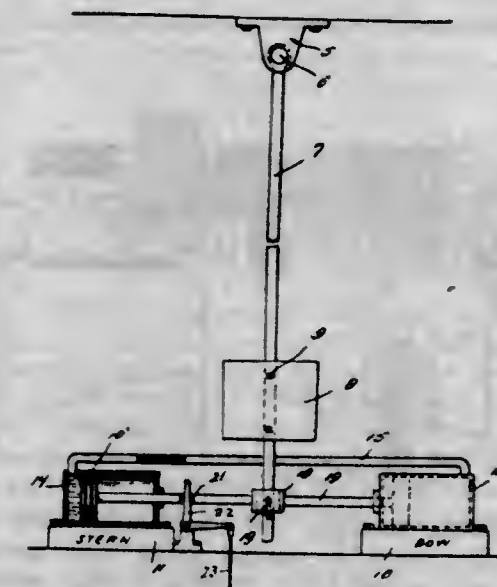
1. In apparatus of the class described, the combination of a shaft adapted to be operatively connected with the crank shaft of an engine, a spiral internal gear on said shaft, a motor-generator shaft, an eccentric on said motor-generator shaft, a spiral internal gear rotatably mounted with respect to said shafts, a pair of gears rotatable as a unit on said eccentric and meshing, respectively, with said internal gears, said internal gears having cooperating friction means that are forced into engagement by the end thrust produced by the meshing of said internal gears with said pair of gears, and means for rotation of one of said internal gears in one direction.

1,646,203. BOX. WILLIAM HARRY JOSLIN, Providence, R. I., assignor to Shoe Lace Company, Ltd., Providence, R. I., a Corporation of Rhode Island. Filed June 16, 1926. Serial No. 116,366. 2 Claims. (Cl. 229-23.)



1. A box comprising a body member having a bottom and side and end walls, which walls are connected together, and insert member fitted to line said body member comprising an integral continuous strip of four connected portions adapted to be folded to form side and end walls, each end wall and one side wall of the insert member having intumed upper edge flanges, and the other side wall of the insert member having a flap to swing down and cover the contents of the box.

1,646,204. GRAVITY PROPELLER RELEASE. WILLIAM S. KING, Hartford, Conn. Filed Aug. 30, 1926. Serial No. 132,611. 2 Claims. (Cl. 137-159.)

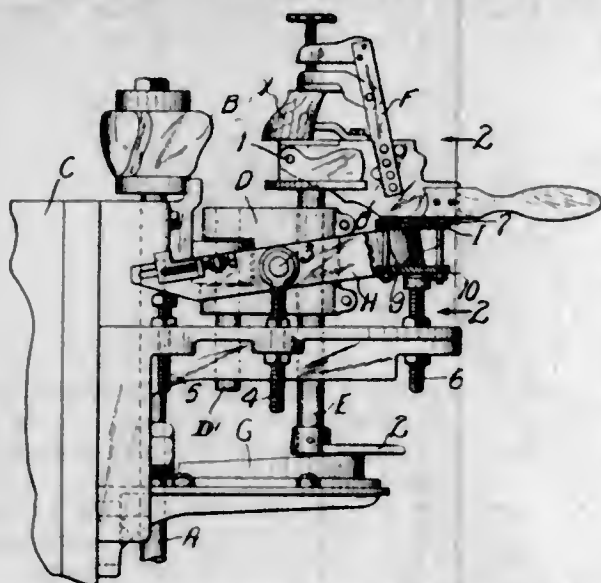


1. A device of the class described including, in combination, a bracket, a pendulum rod pivotally engaged at its upper end on the bracket, a weight on the pendulum rod, a pair of cylinders, pistons reciprocable in the cylinders, a rod connecting the pistons, a pipe connecting the cylinders, said cylinders adapted to receive oil pumped from one cylinder to the other by the pistons through the pipe, said rod connecting the pistons having a collar through which the lower end of the pendulum rod projects, a pin and slot connection between the collar and the pendulum rod, a pair of spaced pins on the rod connecting the pistons, a bell-crank lever having one end disposed between the pins and a rod extending from the bell-crank lever for operating controls.

1,646,205. WOOD-HEEL-TURNING MACHINE. DAVID O. MARSHALL, St. Louis, Mo., assignor to Mound City Wood Heel & Mfg. Co., St. Louis, Mo., a Corporation of Missouri. Filed Mar. 27, 1925. Serial No. 18,821. 6 Claims. (Cl. 12-87.)

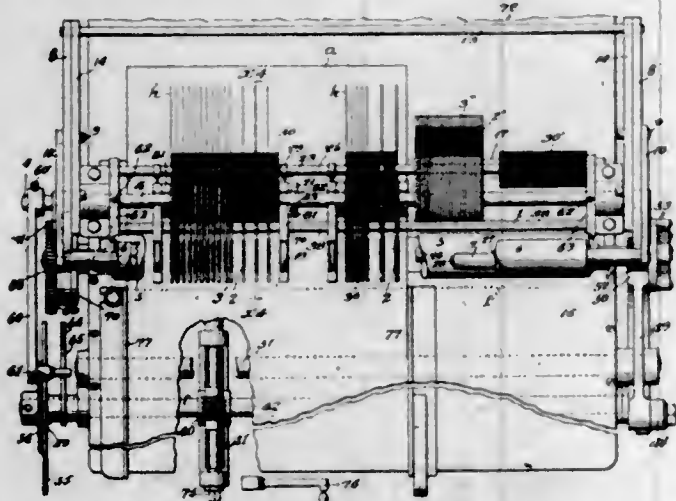
1. A heel turning machine, comprising a pair of rotatable cutters, a swinging carrier adapted to be moved towards and away from said cutters, a pivotally-mounted heel blank jack pivotally connected to said carrier, a

track on which a portion of said jack travels, and a holding device for said jack when it is in its loading and



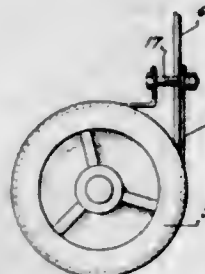
unloading position provided with a groove or channel that is adapted to receive the portion of the jack which travels on said track.

1,646,206. RULING MACHINE. CHARLES HUGH MARTIN, Los Angeles, Calif., assignor to one-half to Angelo Frediani, Los Angeles, Calif. Filed May 8, 1923. Serial No. 637,418. 44 Claims. (Cl. 33-38.)



1. In a ruling machine, the combination with a supporting surface, and an inking roller and means for supporting said inking roller relative to said surface, of a shaft in parallelism with the inking roller, supporting means for the shaft, a ruling disk operable between said surface and the inking roller; and disk holders slidably mounted on the shaft and adapted for holding the disks in and out of operating position.

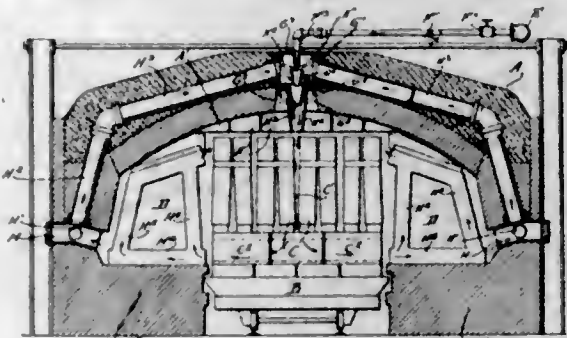
1,646,207. CABLE-RETAINING SHROUD. EDWARD W. MCSHEEN, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed June 22, 1925. Serial No. 38,715. 3 Claims. (Cl. 254-186.)



1. In a device of the class described, a winding drum having side flanges, a cable secured at one end thereto and wound thereon, and means loosely engaging the cable wound on the drum and permitting the winding and un-

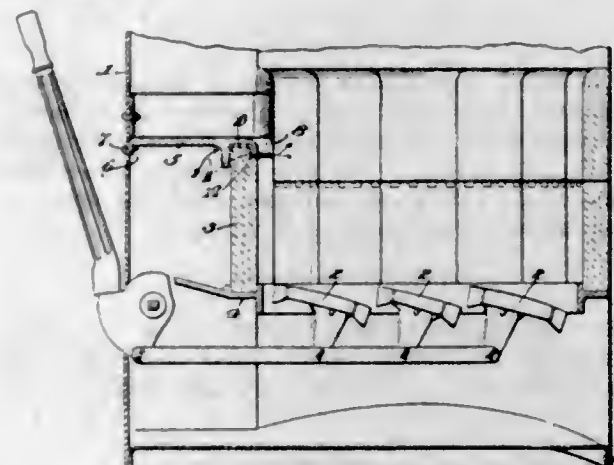
winding thereof for preventing displacement of the cable from the drum when the cable is slack, said means being retained in position on the drum by said flanges.

1,646,208. TUNNEL KILN. PAUL A. MEEHAN, Cleveland, Ohio, assignor to American Dressler Tunnel Kilns, Inc., Cleveland, Ohio, a Corporation of New York. Filed July 7, 1926. Serial No. 120,003. 11 Claims. (Cl. 25-142.)



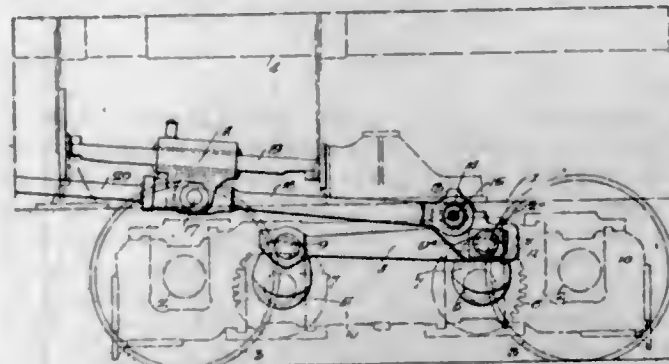
1. In a kiln, means for circulating the kiln chamber atmosphere comprising a channel in the kiln chamber wall opening to the kiln chamber at separated points and an injector having a mixing chamber adjacent one of said channel openings.

1,646,209. FEED-CHUTE PLATE FOR HOT-AIR FURNACES. JAMES C. MORLEY, Des Moines, Iowa. Filed Apr. 19, 1926. Serial No. 103,017. 4 Claims. (Cl. 126-99.)



1. A feed chute plate for warm air furnaces consisting of a single piece of metal formed with a depending flange at its inner edge having a series of notches, said flange adapted to overlap a portion of the fire brick of the fire pot wall of a furnace, and said plate having depending lugs adapted to contact with the outer face of said fire brick.

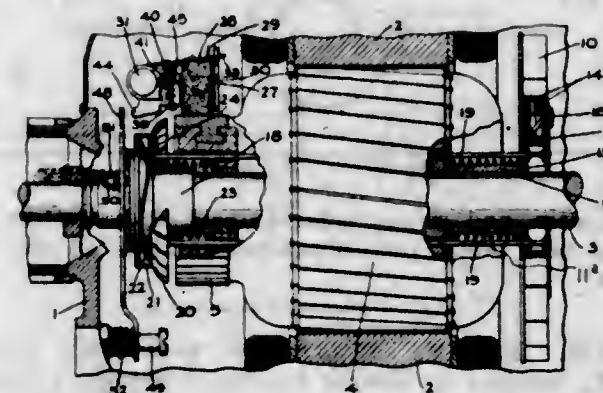
1,646,210. LOCOMOTIVE DRIVING MECHANISM. LAWRENCE L. NEEBE, Woodbury, N. J., assignor to The Baldwin Locomotive Works, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Jan. 29, 1926. Serial No. 84,681. 4 Claims. (Cl. 105-29.)



1. The combination in a locomotive of the rack type, of rack mechanism including crank-axles and pinions

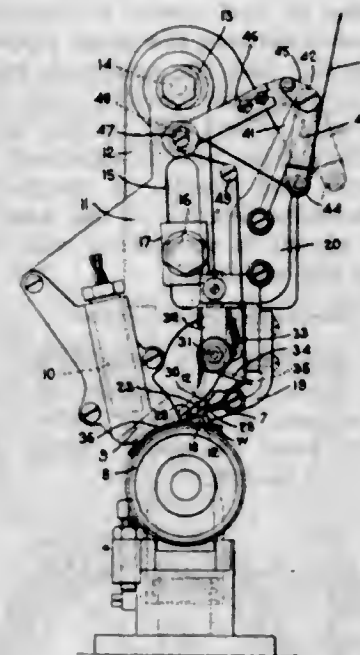
mounted on said axes; side rods; and main rods, said side rods being coupled to the cranks of the axes, and the main rods being pivoted to the side rods and located directly above the side rods, the end of each main rod being connected to a cross-head of the locomotive.

1,646,211. DYNAMO-ELECTRIC MACHINE. MARVIN L. NORRIS, Fort Wayne, Ind., assignor to General Electric Company, a Corporation of New York. Filed Apr. 5, 1926. Serial No. 99,805. 7 Claims. (Cl. 172-279.)



1. In an alternating current motor, the combination of a frame, a rotor mounted therein having a commutator, brushes therefor, a brush raising member mounted on the frame, means for moving the member axially, means for limiting the extent of its movement, and speed responsive means for controlling the movement of the member, said speed responsive means being constructed to move beyond the limit of movement of the brush raising member.

1,646,212. COMBINED TAPING AND SEAM-PRESSING MACHINE. WALTER P. OSGOOD, Malden, Mass., assignor to Boston Machine Works Company, Lynn, Mass., a Corporation of Massachusetts. Filed June 7, 1926. Serial No. 114,296. 15 Claims. (Cl. 12-51.)

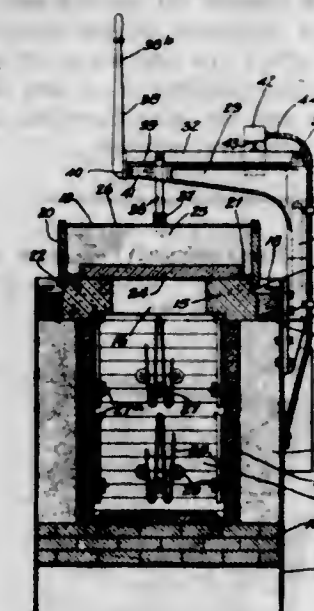


1. In a combined taping and seam-pressing machine, the combination with a work support over which is fed work in the form of two pieces united by a seam presenting a seam ridge, of means to lay tape along the seam ridge and simultaneously press the latter.

1,646,213. FURNACE. ALBERT N. OTIS, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed July 16, 1925. Serial No. 44,106. 3 Claims. (Cl. 110-176.)

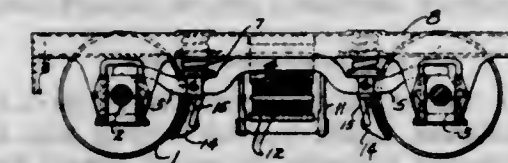
1. The combination with a furnace, of a cover for said furnace, an arm supported at one side of said furnace so

as to swing over said furnace, a second arm pivoted on said first arm extending lengthwise thereof, a connection



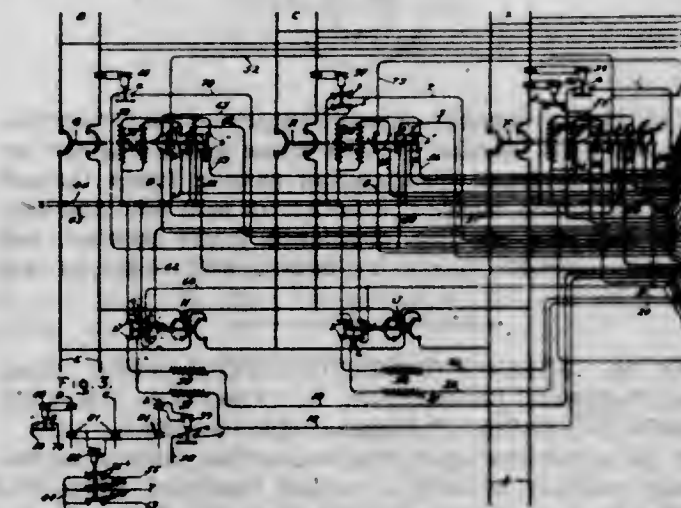
between said second arm and said cover, and a lever pivoted on the end of said first arm and acting on said second arm to lift said cover.

1,646,214. CAR TRUCK. HARRY M. PFLAGER, St. Louis, Mo., assignor to Commonwealth Steel Company, St. Louis, Mo., a Corporation of New Jersey. Filed Dec. 18, 1925. Serial No. 76,209. 12 Claims. (Cl. 105-194.)



1. In a railway four wheel truck, a truck frame, a spring plank supported from said frame, bolster carrying springs on said spring plank, journal boxes spaced longitudinally of the truck and located near each end of said frame, an equalizing bar carried at its ends on said journal boxes and passing over said springs, and springs supporting said frame mounted on the top of said equalizing bar between said journal boxes and said bolster springs.

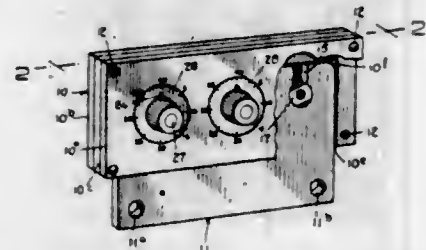
1,646,215. AUTOMATIC SWITCHING EQUIPMENT. CLAUDE W. PLACE, La Grange, Ill., assignor to General Electric Company, a Corporation of New York. Filed Sept. 15, 1922. Serial No. 588,469. 36 Claims. (Cl. 171-118.)



1. In combination, a plurality of sources of current, a distribution system comprising a plurality of circuits, switching means arranged to connect said sources and

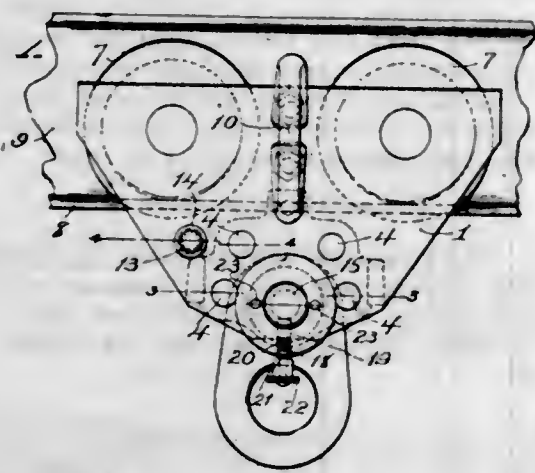
said circuits together, means operative to effect the operation of said switching means to establish the connection of all of said circuits to one of said sources, and means operative in response to an electrical condition of said system to effect the operation of said switching means to establish the connection of one of said circuits to a second source and the disconnection of said one of said circuits from said first source.

1,646,216. LOCK. BENJAMIN D. RAINES and ORA BILLINGSLEY, New York, N. Y. Filed Feb. 9, 1925. Serial No. 7,984. 2 Claims. (Cl. 70-53.)



1. A lock comprising a plurality of separable lock members, one of said members being provided with a set of recesses, each recess comprising a substantially rectilinearly extending slot and a curvedly extending slot communicating with said rectilinearly extending slot, a set of locking devices, carried by another of said separable members, each of said locking devices including an element having a pair of oppositely disposed flat sides and a pair of oppositely disposed curved sides, indicating means carried on the exposed face of said another separable member and indicators mounted exteriorly of said exposed face and respectively removably secured to said locking elements.

1,646,217. TROLLEY CONSTRUCTION. PAUL C. RICHTEA, Stamford, Conn., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Filed Nov. 19, 1925. Serial No. 70,130. 6 Claims. (Cl. 105-154.)

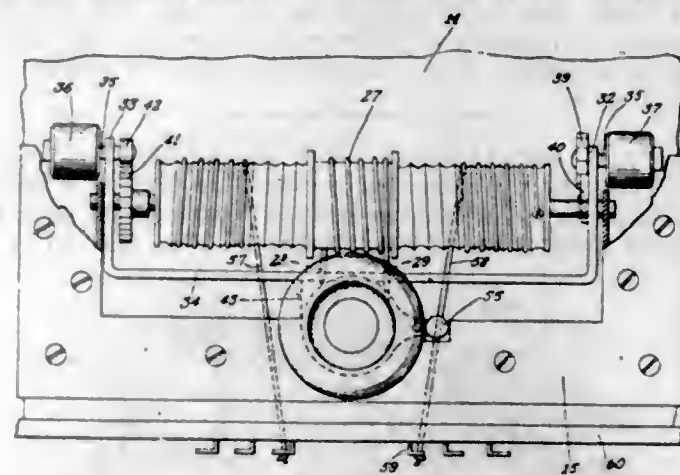


1. A trolley structure comprising two frame members, a trolley wheel carried by each frame member, a bolt secured to one frame member and passing freely through the other frame member, a collar on said bolt and normally engaging the last mentioned frame member, and manually operable means for locking said collar to said bolt.

1,646,218. WINDOW-OPERATING MECHANISM. JOHN H. ROETHEL, Brooklyn, N. Y. Filed Jan. 18, 1926. Serial No. 81,883. 3 Claims. (Cl. 16-198.)

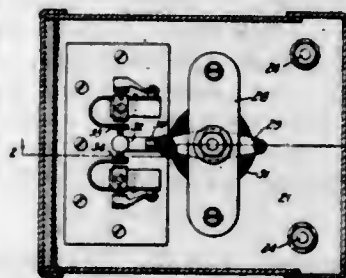
1. In a window operating mechanism having a vertically movable window, a spring tensioned roller and flexible means connecting said roller and window, means for locking the window in lowered or partly lowered position comprising a U-shaped bar pivoted about the axis of the roller, additional brake rollers mounted rotatably on

said bar, said brake rollers normally engaging the window, finger depressed means for lifting the brake rollers from



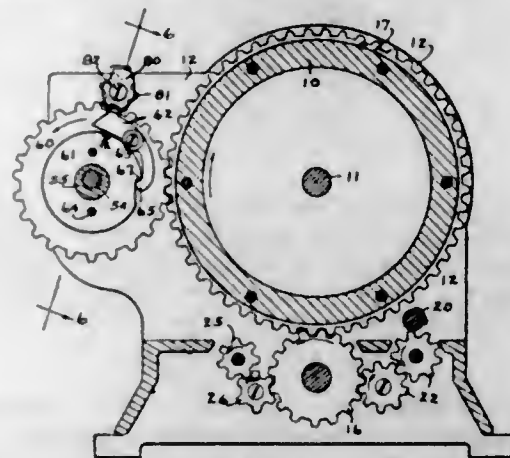
the window, and means adjacent said brake rollers for locking said brake rollers against rotation in one direction.

1,646,219. RELAY. WALTER W. SCHILLING, Scotia, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Nov. 4, 1925. Serial No. 66,882. 8 Claims. (Cl. 175-339.)



1. A relay comprising a magnetic circuit having a plurality of pairs of opposed polar projections, the polarities of the projections of each pair being definite and unlike, an armature comprising two magnetic portions substantially perpendicular to each other, the ends of one portion being positioned between the polar projections of respective pairs thereof and the armature being mounted for rotation about the other portion, and an energizing winding around said other portion for polarizing the armature, the construction and arrangement of parts being such that when said winding is energized the armature assumes a position relative to like polar projections of said magnetic circuit in accordance with the direction of the current in the winding.

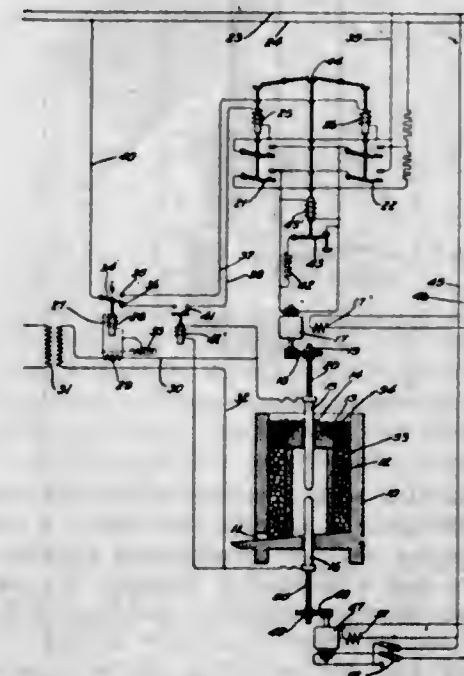
1,646,220. ADDRESSING MACHINE. AUGUST L. SCHULTZ, Cleveland, Ohio, assignor to The American Multigraph Company, Cleveland, Ohio, a Corporation of Ohio. Filed June 14, 1926. Serial No. 115,819. 17 Claims. (Cl. 101-52.)



4. The combination of a rotary printing member, another member geared therewith, a platen adapted to coact with the printing member, means for locking said platen

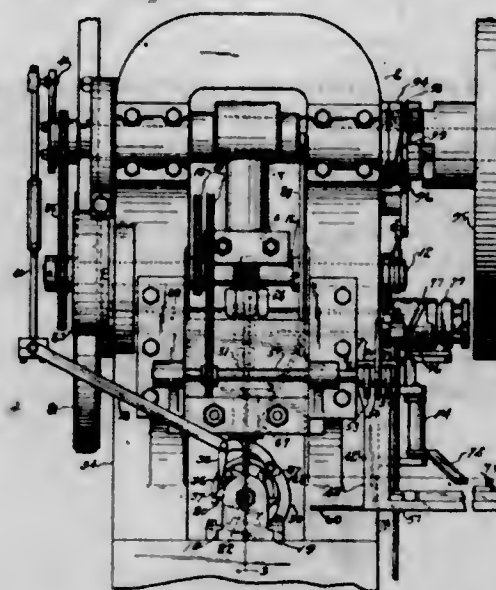
to said other member when the platen is in a definite location with reference to the printing member, a rotary cam and means whereby it may release said lock, said cam being so geared with said other member as to be active on one rotation thereof and inactive on another rotation.

1,646,221. ELECTRIC FURNACE. JOHN A. SEEDE, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Mar. 23, 1925. Serial No. 17,457. 3 Claims. (Cl. 204-64.)



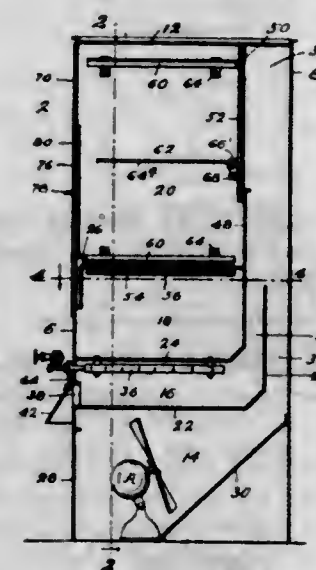
1. An electric furnace comprising a chamber for the charge, refractory walls forming an enclosed space in said chamber surrounded by the charge, and a pair of electrodes extending into said enclosed space in arcing relation, said electrodes being adjustable to vary the position of the arc.

1,646,222. NUT-CASTELLATING MACHINE. CARL H. SHROPE, Columbus, Ohio. Filed Nov. 13, 1925. Serial No. 68,887. 5 Claims. (Cl. 10-72.)



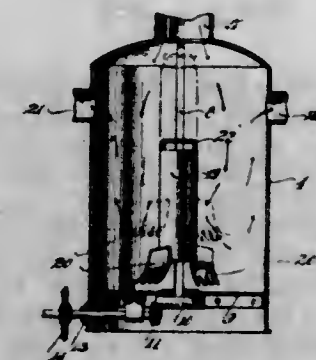
4. The combination with a punch press, of a die, a nut receiving chute, push bars associated with the chute, a housing communicating with the chute for receiving nuts therefrom, upper and lower pairs of balls mounted in the housing, means for operating the bars to push the nuts from the chute between the balls for turning the same, a magazine for receiving the nuts after being turned, and means for thrusting the nuts upon the die after leaving the magazine.

1,646,223. DRIER. WILLIAM STRICKER, Kansas City, Mo., assignor of one-half to Aaron Livingston, Kansas City, Mo. Filed Oct. 29, 1926. Serial No. 145,040. 7 Claims. (Cl. 34-19.)



1. In a drier, a container, a fresh air duct leading upwardly from the lower front portion to the intermediate rear portion of said container, a warm air duct within said container and extending upwardly beside said fresh air duct, a mixing chamber within the container and into which said ducts discharge, and a drying chamber within the container and into which said mixing chamber discharges.

1,646,224. COTTON-DUSTING MACHINE. WILLIAM H. THOMPSON, Wichita Falls, Tex., assignor of one-third to Fred S. Reaser and one-third to J. W. Duncan, Wichita Falls, Tex. Filed Feb. 18, 1927. Serial No. 169,235. 5 Claims. (Cl. 43-148.)

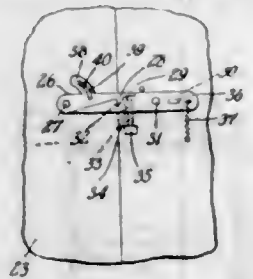


1. In an insect exterminating machine, the combination with a hopper, a blower and a series of flexible discharge conduits, of a vertical shaft in said hopper; a cylindrical member capable of unrestricted vertical movement on said shaft, agitator wings carried by said member near the bottom thereof, and means to cause rotation of said shaft to effect consequent rotation of said cylindrical member.

1,646,225. LATCH FOR ELECTRIC WATER HEATERS. CHARLES VANDENBERGHE, New York, N. Y., assignor of fifteen per cent to Richard L. Kelly, New York, N. Y. Filed May 11, 1926. Serial No. 108,208. 2 Claims. (Cl. 292-136.)

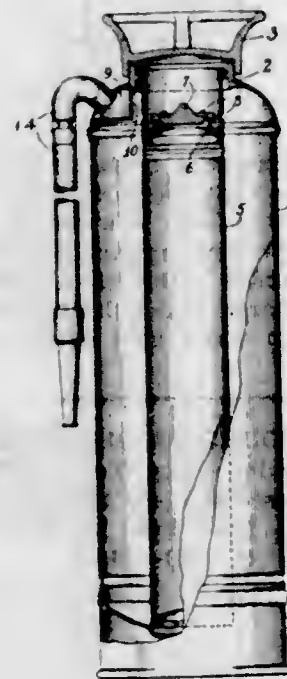
1. Means for latching a cover on a casing comprising a pivoted tongue mounted on the casing, a pivoted lever mounted on the cover, said tongue having a tooth thereon,

said lever having a notch therein engageable by said tooth, a spring urging said lever into horizontal position, the end of said lever being tapered to permit sliding



thereon of said tooth, a pin limiting rotation of said lever, and means for supporting the tongue in substantially horizontal position.

1,646,226. FIRE EXTINGUISHER. CLIFFORD B. WHITE, Utica, N. Y., assignor to Doamite-Childs Corporation, Utica, N. Y., a Corporation of Delaware. Filed Aug. 7, 1925. Serial No. 48,712. 8 Claims. (Cl. 169—32.)

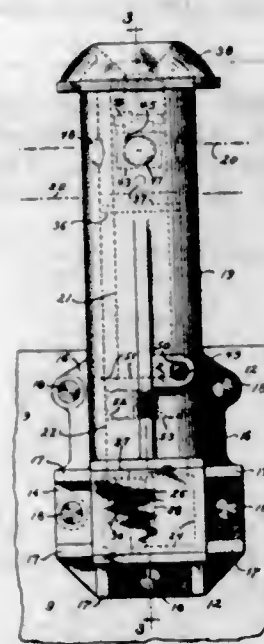


1. In an invertible foam type extinguisher having a basic solution container, the combination between an inwardly extending discharge passage having a widened entrance and an inner acid container which has at least one acid discharge orifice directed against that wide entrance, thus insuring that there will always be some acid in the initial flow through the delivery hose.

4. The combination in an invertible foam type extinguisher of an outer basic solution container having a neck opening and an inner acid solution container occupying said neck opening and having one or more acid discharge orifices in its upper part, with a discharge passage extending inwardly from the side and top of the extinguisher and terminating and having its total entrance orifice adjacent the neck of the extinguisher and opposite and close to the perforated wall of the acid container, whereby on inversion of the extinguisher said discharge outlet receives initially and, as they mingle, both basic and acid solutions.

8. In a fire extinguisher of the type having a cylindrical outer container and a top dome provided with a neck opening and a removable cover therefor, an improved screen for the outlet from such container comprising a trough-shape body with substantially flat end and bottom walls and a perforate vertical wall, said end and bottom walls having curved edges engaged to the curved interior surface of said container and said perforate vertical wall being substantially in line with said neck opening whereby it is visible and easily accessible when said cover is removed.

1,646,227. AUTOMOBILE LOCK. JESSE M. WHITE, Philadelphia, Pa. Filed Jan. 9, 1922. Serial No. 527,824. 2 Claims. (Cl. 70—90.)

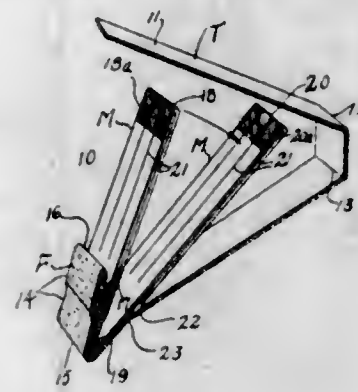


1. In combination with a transmission gear case having a gear rotatable and slidable on a shaft, a transmission lock for motor vehicles comprising a housing having a vertical bore and a horizontal slideway, a bolt in the slideway having notches adapted to embrace teeth of the gear and lock same against rotating or sliding, a spindle having a hand grip for actuating the bolt, means for locking the spindle and means for aligning the locking mechanism.

1,646,228. FOOD COMPOUND AND PROCESS OF MAKING SAME. HARPER F. ZOLLER, Detroit, Mich., assignor to Arctic Dairy Products Company, Detroit, Mich., a Corporation of Michigan. Filed Apr. 8, 1925. Serial No. 21,692. 10 Claims. (Cl. 99—11.)

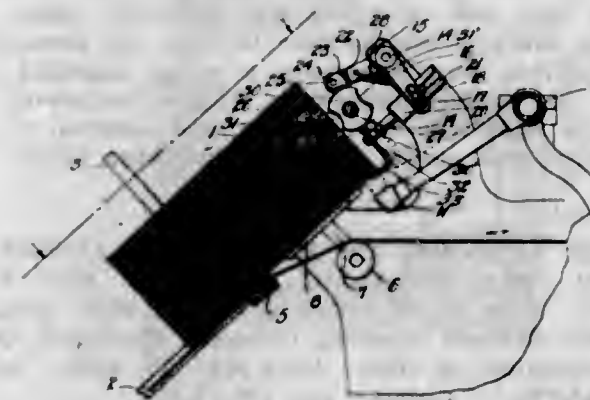
1. A synthetic food product comprising a sterile emulsified liquid of cream-like consistency and containing the non-fatty solids of milk in substantially their normal proportions to each other, fatty material, and the solids of egg yoke.

1,646,229. MATCH BOOK AND METHOD OF MAKING. JULIUS M. ALTER, Brooklyn, N. Y. Filed Apr. 15, 1926. Serial No. 102,282. 9 Claims. (Cl. 93—6.)



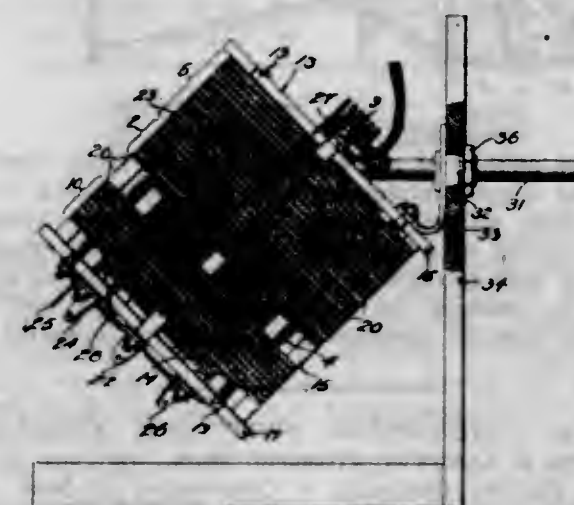
7. The method of making a match book including the bending of a strip of material to form a plurality of similarly directed folds disposed side by side, one of said folds being smaller than the other to provide a locking hook, and the larger fold providing a row of matches, and forming a reverse fold from said hook to extend around the larger of the two folds aforesaid and engage the hook to close the book.

1,646,230. FEEDING DEVICE. EUGENE B. BERKOWITZ, Kansas City, Mo., assignor to Baltimore Paper Company, Kansas City, Mo., a Corporation of Missouri. Filed Apr. 27, 1925. Serial No. 26,093. 6 Claims. (Cl. 271—1.)



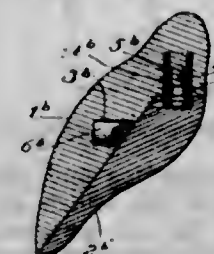
1. In a device of the character described, a support for a stack of blanks, a suction nozzle, having a swinging movement toward and away from the stack whereby the bottom blank is moved bodily from the stack, and a horizontally movable, intermittently operated separator alternating with the movement of the nozzle to project between the lowermost blank and the stack when the suction nozzle moves the edge of the lowermost blank away from the stack.

1,646,231. RADIO TUNING COIL. GEORGE CLARENCE BROOKS, Jr., Camden, N. J. Filed Apr. 11, 1925. Serial No. 22,354. 10 Claims. (Cl. 171—119.)



1. In a tuning coil a main secondary; a supplemental secondary in series with and overlaying the main secondary, and a primary comprising a portion of the supplemental secondary being spaced from and overlaying the main secondary.

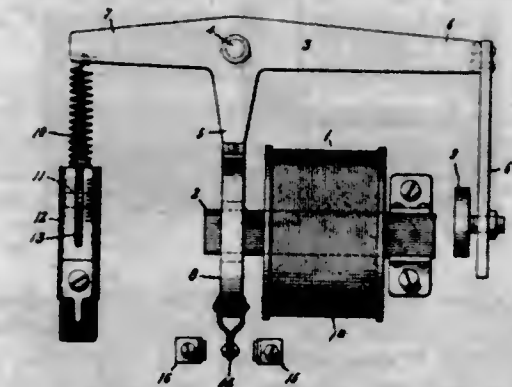
1,646,232. ARTIFICIAL TOOTH. EDWARD P. CRESSLER, Newton, Kans. Filed Feb. 19, 1925. Serial No. 10,198. 5 Claims. (Cl. 32—9.)



4. A facing provided with a root extension and an occlusally-disposed surface, a pin extending from the said surface, a backing provided with a surface corresponding to the surface of the facing and provided with means to

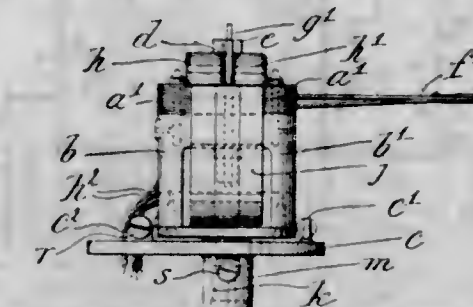
interlock with the pin, the surfaces being so disposed that the backing and facing are assembled by a horizontal sliding movement toward the lingual surface.

1,646,233. ELECTRORESPONSIVE DEVICE. PAUL M. CONRAD, Alcoa, Tenn., assignor to General Electric Company, a Corporation of New York. Filed Feb. 27, 1926. Serial No. 91,211. 9 Claims. (Cl. 200—91.)



1. An electroresponsive device comprising an actuating coil, a movable member, means for impressing on said movable member a force which varies with the variation of the current in the actuating coil but does not vary substantially with the motion of the movable member, and means for impressing on said movable member another force which varies with the variation of the current in the actuating coil and which does substantially vary with the motion of said movable member.

1,646,234. ELECTROMAGNETIC APPARATUS. FREDERICK GEORGE CREED, Croydon, England. Filed Mar. 6, 1925. Serial No. 13,474. and in Great Britain Mar. 11, 1924. 9 Claims. (Cl. 175—339.)

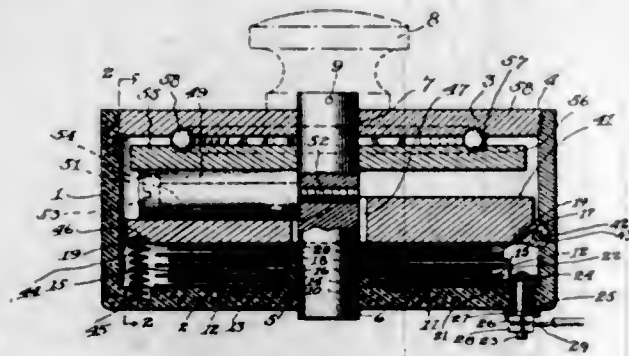


1. Electro-magnetic apparatus of the kind herein referred to, comprising two oppositely arranged massive inverted U-shaped laminated pole pieces having polar projections with broad flat faces, a non-magnetic support for said pole pieces, U shaped permanent magnets carried by said support and arranged to constantly magnetize said pole pieces, an armature winding consisting of a stationary pair of removable coils extending through the rectangular shaped openings in the two pole pieces, and into said support, a laminated armature extending through said coils and between the pairs of broad flat faces of the polar projections of said pole pieces, the armature having a lateral extension or lever arm, a vertical spindle fixed to said armature and extending therethrough between the coils in each direction to points above and below said coils, and stationary bearings for the upper and lower ends of said spindle.

1,646,235. PROCESS OF MAKING HALOGEN DERIVATIVES OF AROMATIC ORGANIC COMPOUNDS. JORCE H. CROWELL, Buffalo, N. Y., assignor to National Aniline & Chemical Co., Inc., New York, N. Y., a Corporation of New York. Filed Sept. 26, 1924. Serial No. 740,052. 8 Claims. (Cl. 260—61.)

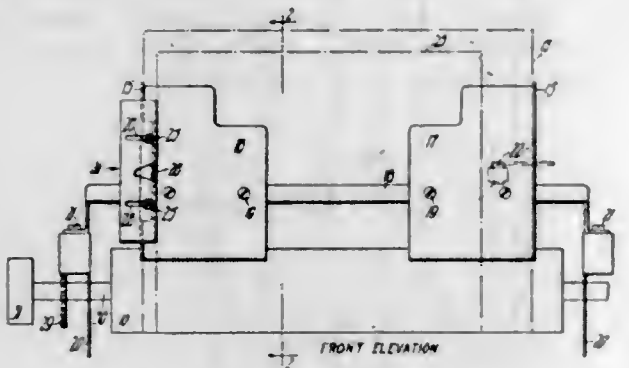
3. The process of chlorinating a vat coloring matter of the anthraquinone series which comprises subjecting a vat coloring matter of the anthraquinone series to the action of chlorine in the presence of sulfur dioxide and of a suitable organic solvent.

1,646,236. VARIABLE CONDENSER. WILLIAM DUBILIER, New York, N. Y., assignor to Dubilier Condenser Corporation, a Corporation of Delaware. Filed Feb. 14 1924. Serial No. 692,868. 13 Claims. (Cl. 175-41.5.)



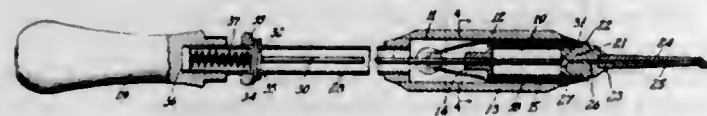
1. A variable condenser comprising flexible elements in superposed relationship, a compression member adapted to bear on the flexible elements, and a wedging member operating to vary the pressure of the compression member on said elements, the compression member having a cam surface to be engaged by the wedging member.

1,646,237. TYPEWRITING MACHINE. JOHN W. ENGELSIEPEN, Pittsburgh, Pa., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed June 24, 1925. Serial No. 39,176. 6 Claims. (Cl. 197-127.)



1. In a typewriting machine, the combination with a cylindrical platen, of means for collating sheets superposed one upon the other, in overlapping relation, with the side edge of the underlying sheet extending beyond the overlying sheet, including a single collating table upon which both of said sheets rest, said collating table having an outer side-edge gage for the under work-sheet, an overhanging side-edge gage, and means supporting said overhanging gage with its under edge sufficiently close to said table, to enable it to gage the overlying sheet, but sufficiently separated from said table to permit the underlying sheet to be passed under the overhanging gage to reach the outer gage.

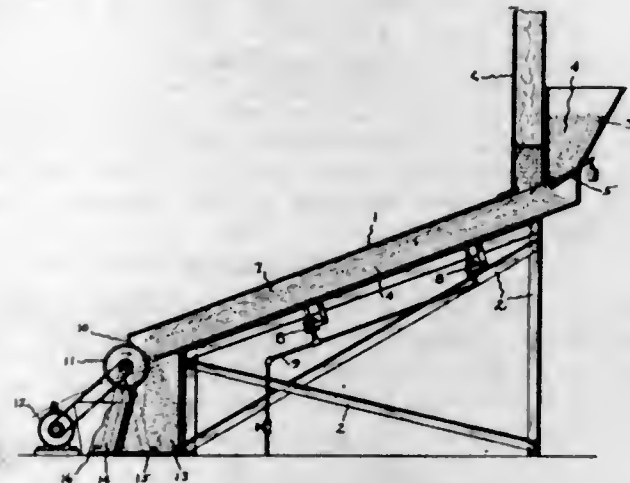
1,646,238. ELECTRICAL SOLDERING IRON. WALTER ENSDORF, New York, N. Y., and JOHANNES SANDBERG, Elizabeth, N. J. Filed Aug. 11, 1926. Serial No. 128,526. 1 Claim. (Cl. 219-27.)



A device of the class described comprising a hollow cylindrical body, a slidably removable reservoir open at its outer end inserted into said body, a soldering head

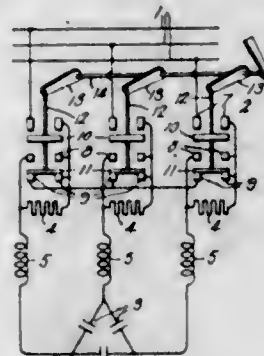
threadably engaging said reservoir at the outer end and having a channel communicating with said reservoir, the outer end of said soldering head being threaded to receive a soldering nose, a helical resistance coil encircling said reservoir and mounted in said body, a plunger, a tube extending from said body, said plunger passing thru said tube and said reservoir, means for normally lowering said plunger to close the passage in said soldering head comprising a spring engaging one end of said plunger and a ring mounted externally on said tube rigid with said plunger and adapted to lift the plunger free of the soldering head when lifted.

1,646,239. PROCESS OF RECOVERING ALUMINUM FROM OILY METALLIC MIXTURES AND THE LIKE. JOHN G. G. FROST, Cleveland, Ohio, assignor to The National Smelting Company, Cleveland, Ohio, a Corporation of Ohio. Filed Mar. 17, 1926. Serial No. 95,270. 7 Claims. (Cl. 209-215.)



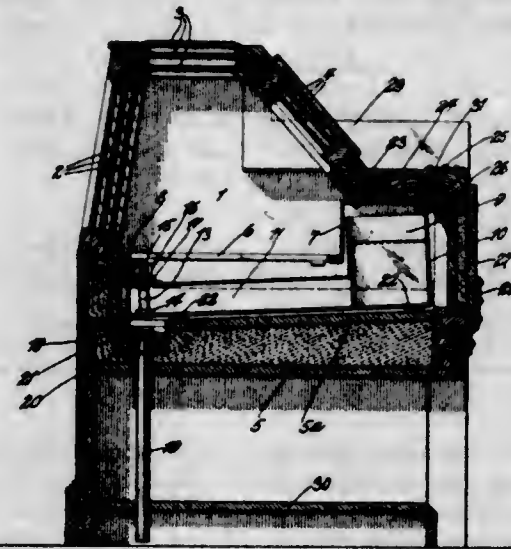
1. The method of recovering aluminum from a mixture of finely divided aluminum and iron containing viscous combustible material which has already been subjected to the action of a magnetic separator, which comprises exposing said mixture to a flame in an oxidizing atmosphere to consume the viscous material, and delivering the free metallic particles to a magnetic separator.

1,646,240. CONDENSER SWITCHING APPARATUS. VICTOR E. GOODWIN, Pittsfield, Mass., assignor to General Electric Company, a Corporation of New York. Filed May 12, 1924. Serial No. 712,568. 10 Claims. (Cl. 172-246.)



1. The process of connecting and disconnecting a condenser with and from a line which consists in connecting the condenser with the line with interposed resistance and inductance and thereafter short circuiting the resistance disconnecting the condenser from the line, removing the short circuit from the resistance and then disconnecting the resistance and the condenser from the line and thereafter shunting the condenser with said resistance.

1,646,241. REFRIGERATOR. GUSTAV J. GRUENDLER, Clayton, Mo. Filed Aug. 2, 1926. Serial No. 126,654. 10 Claims. (Cl. 62-37.)



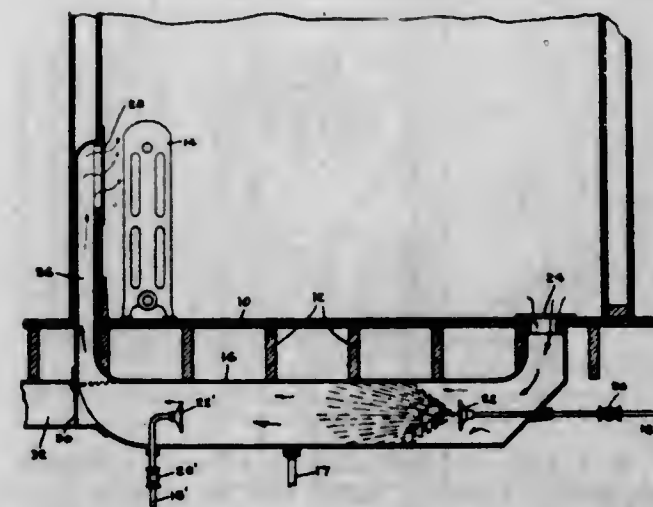
1. An ice container for refrigerators comprising a header and a plurality of arms extending therefrom, and each of said arms having an overflow pipe positioned at the outer end thereof arranged to collect a predetermined amount of brine therein and to prevent accumulation of brine above a predetermined level in said container.

1,646,242. NONMETALLIC GEAR. EMIL J. GUAY, Swampscott, and CLARENCE W. MANSUR, Malden, Mass., assignors to General Electric Company, a Corporation of New York. Filed Jan. 9, 1926. Serial No. 80,216. 3 Claims. (Cl. 154-43.)



1. A blank of the character described having at least a portion of its rim comprising woven fabric arranged in layers, said fabric being pleated, the pleats increasing in depth from the periphery inwardly, inserts which compensate for difference in thickness of different parts of the rim due to the form of the pleats, and a blinder which holds the fabric in a compressed state.

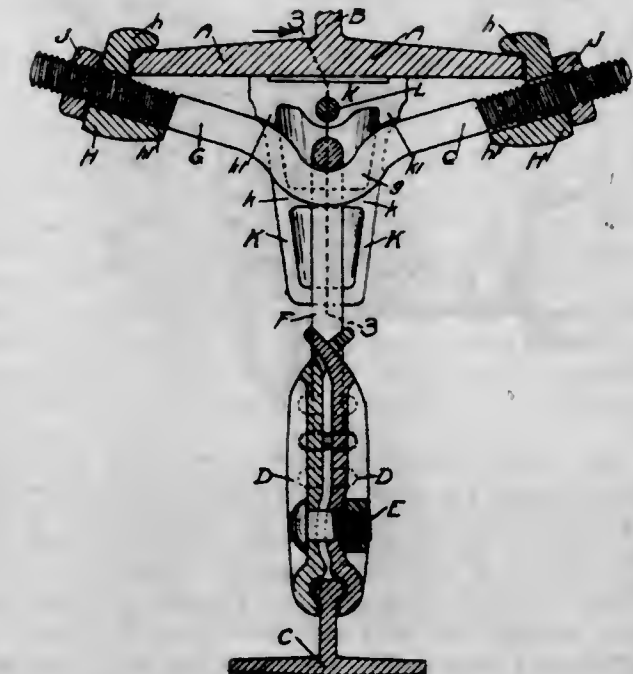
1,646,243. VENTILATING AND HUMIDIFYING DEVICE. DANIEL HANDELAN, Minneapolis, Minn. Filed June 30, 1923. Serial No. 648,750. 3 Claims. (Cl. 261-116.)



1. A ventilating and humidifying device for dwellings comprising a flue extending horizontally under the floor of a room containing two registers, one end of said flue

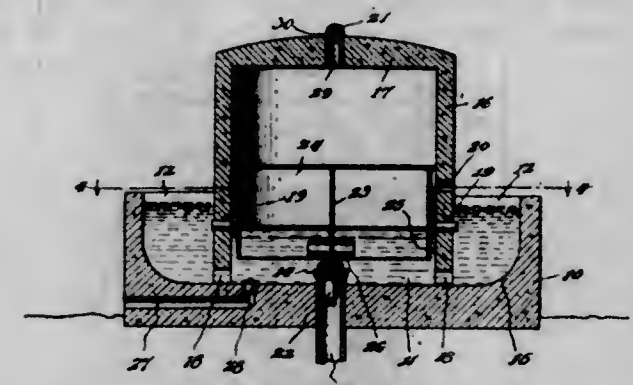
being turned upwardly to deliver air to one of said registers and the other end of said flue being turned upwardly to receive air through the other of said registers, a water supply pipe extending into said flue, and a nozzle on the end of said pipe near the receiving end of said flue for directing a fine spray of water toward the delivery end thereof, the force of said spray causing air from the room to pass through said flue and be delivered into the room in a moistened condition.

1,646,244. CONNECTION FOR TRACK HANGERS. PAUL M. HASSLER, Fairfield, Iowa, assignor to The Loudon Machinery Company, Fairfield, Iowa, a Corporation of Iowa. Filed Apr. 11, 1927. Serial No. 182,682. 8 Claims. (Cl. 104-111.)



3. In a device of the character described, the combination with an overhead metallic I beam, of a substantially horizontally disposed double ended bolt member having long threaded ends with nuts or burrs thereon, clamping members on the bolt adapted to catch over the edges of the lower flanges of the I beam and hold the bolt member in engagement therewith, and also to permit the lateral adjustment of the bolt thereon, and a track supporting hanger connected to a central portion of the bolt member.

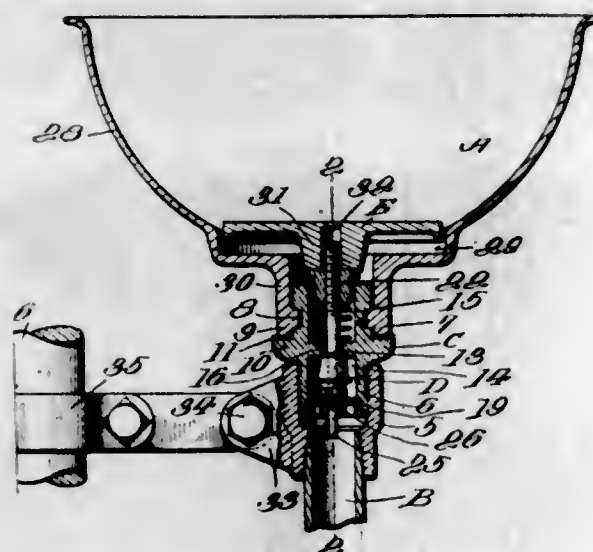
1,646,245. DRINKING FOUNTAIN FOR LIVESTOCK. JAMES B. HAWKINS, Slater, Mo. Filed Sept. 15, 1926. Serial No. 135,616. 2 Claims. (Cl. 119-78.)



1. An apparatus for the purpose set forth comprising a bowl having drinking cups formed in its upper surface and a central chamber in open communication with said cups, a cover fitting closely within the central chamber of the bowl and constructed to permit water to flow from the said chamber to the cups, a water supply pipe communicating with the central water chamber through the

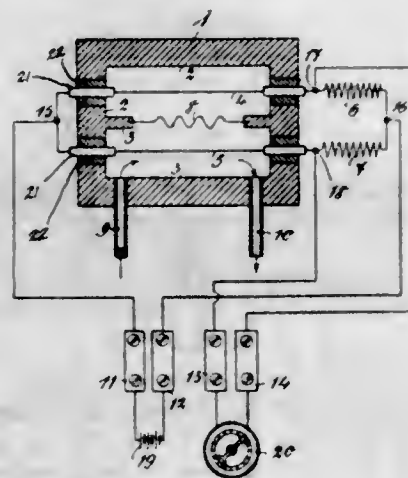
bottom of the bowl at a point within the cover, a valve in the delivery end of the pipe, a float within the cover connected to said valve, and a rim depending from the bottom of the float.

1,646,246. ANIMAL-WATERING DEVICE. GEORGE EDGAR HAZARD, Rochester, N. Y., assignor to Empire Milking Machine Co., Inc., Rochester, N. Y. Filed Feb. 13, 1926. Serial No. 88,047. 3 Claims. (Cl. 119-75.)



1. An animal watering device comprising a tubular member having an upper spring containing chamber and a lower valve containing chamber, said chambers divided by an intermediate horizontal web having a water passage, a valve in the lower chamber adapted to control the flow of water through said passage, a valve stem passing through the said web portion to the lower end of which is attached the said valve, the said stem passing through the spring and carrying at its upper end means for engaging the upper end of the spring a drinking trough having an upper open end and its lower end detachably connected with the wall of said upper chamber, and a floating valve plate loosely supported by the upper end of the said stem, the wall of the lower chamber connected with a water supply, said parts operating in the manner and for the purpose specified.

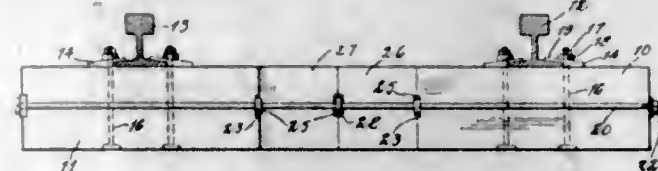
1,646,247. APPARATUS FOR ASCERTAINING THE COMPOSITION OF GASEOUS MIXTURES. HERMANN HEINICKE, Seehof, near Teltow, Germany, assignor to Peter Jung, Neukolln, Germany. Filed May 16, 1924, Serial No. 713,833, and in Germany Nov. 29, 1923. 2 Claims. (Cl. 73-51.)



1. An apparatus for ascertaining the composition of gaseous mixtures, comprising a chamber for containing a standard gas, a second chamber for containing the gas-

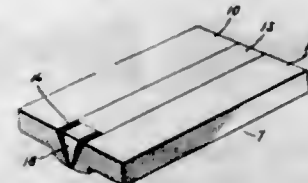
eous mixture, intact, means for automatically equalizing the pressure between the two chambers, and a Wheatstone bridge having branches extending, respectively, through said chambers.

1,646,248. SECTIONAL RAILWAY TIE. JAKOB HOJNOWSKI, Mekoosa, Wis. Filed Mar. 31, 1927. Serial No. 179,956. 1 Claim. (Cl. 238-35.)



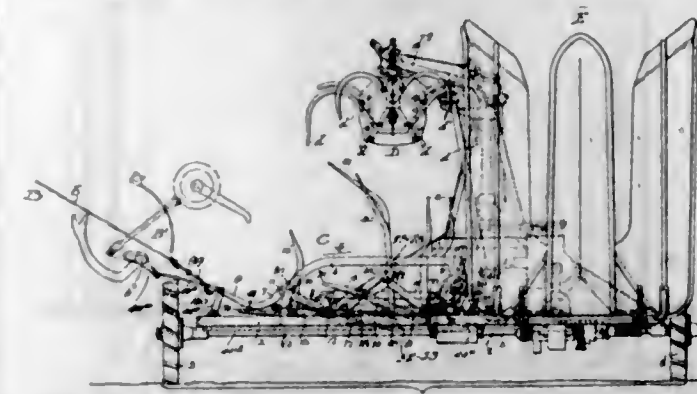
In a sectional, recessed railroad tie, means for securing and holding the sections together, said means comprising cross-bars arranged in recesses at the inner end faces of the tie-sections, eyes formed at the ends of said cross-bars, and longitudinally extending bars passing through said eyes and embedded in recesses formed in the sides of the tie for holding and securing the end sections and a desired number of intermediary sections in their relative positions, and outer end plates on the sections adapted to be engaged by fastening means upon the ends of said longitudinal bars for holding the same in position and for adapting the ties to tracks of desired gage.

1,646,249. NARROW LIGHT APERTURE. CHARLES A. HOXIE, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Dec. 22, 1926. Serial No. 156,509. 4 Claims. (Cl. 179-100.1.)



1. A light aperture device comprising a member having a broad wedge-shaped opening therein, a wedge-shaped transparent member having a relatively broad base and a wedge angle materially less than the wedge angle of said opening seated in the opening, and cement filling the spaces on either side of the member.

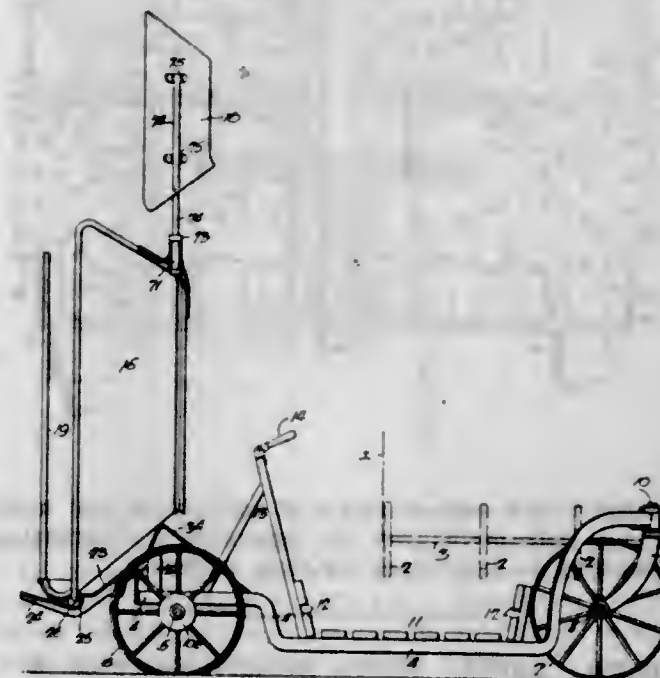
1,646,250. GRAIN SHOCKER. GEORGE INNES, Davenport, Iowa. Filed Dec. 28, 1922. Serial No. 609,421. 14 Claims. (Cl. 56-417.)



1. In a grain shocker, adapted to receive bundles of grain directly from the binder deck of a harvesting machine whereon each bundle assumes an elliptical form in cross-section, with the major axis of said ellipse parallel to said binder deck, the combination of means for assembling said bundles in the form of a shock with the

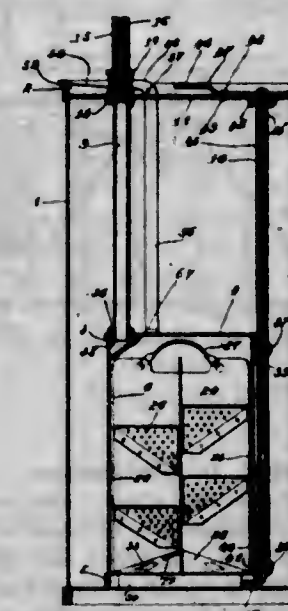
said major axes contiguously aligned longitudinally of said shock; and tongs adapted to occupy a position in direct and contiguous alignment with said binder deck and adapted to engage said bundles positively as they are delivered from said deck and to transfer them to be assembled in the form of a shock and to maintain said bundles with the major axes thereof, in a definite position.

1,646,251. GRAIN SHOCKER. GEORGE INNES, Davenport, Iowa. Filed Dec. 1, 1923. Serial No. 677,981. 12 Claims. (Cl. 56-428.)



11. The combination in a grain shocker, of an axle; a ratchet wheel thereon; a pawl carrier pivotally mounted on the axle; a pawl on the carrier, arranged to engage the ratchet wheel; a heel on said pawl, a lever having an arm engaging said heel for holding the pawl out of engagement with the wheel; manually operated means for actuating the lever; and a releasing yoke in the path of the pawl when in engagement with the wheel to force the pawl out of engagement and to re-set the pawl-holding lever.

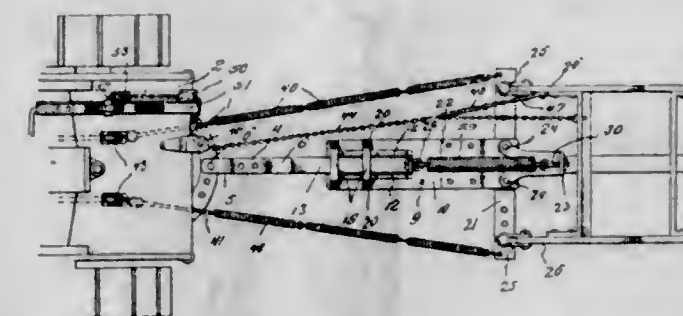
1,646,252. ACETYLENE GENERATOR. ALEXANDER F. JENKINS, Boone, Md. Filed Mar. 15, 1922. Serial No. 543,820. 13 Claims. (Cl. 48-41.)



1. In an acetylene generator, a vent pipe and locking means for holding the parts in assembled relation, the same consisting of a rod extending through the vent

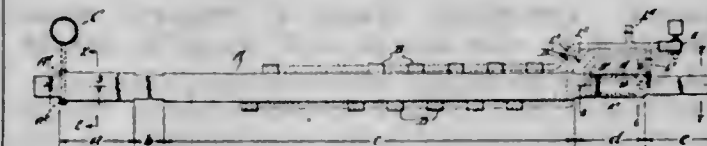
pipe, an arm projecting from the rod within the generator and means for rotating the rod serving to swing the arm and move it into and out of locking relation with the generator parts.

1,646,253. AUTOMATIC TRACTOR HITCH. HERMANN OTTO KRUEGER, Niles Township, Floyd County, Iowa. Filed May 5, 1926. Serial No. 106,884. 9 Claims. (Cl. 250-23.16.)



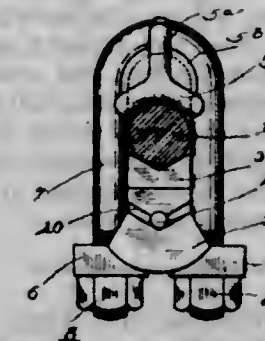
1. An automatic tractor hitch comprising a draw bar for removable attachment to a tractor, a guide member for said draw bar removably connected to a machine to be towed, means on said guide members for detachable engagement with said draw bar, said means being normally operated to engage said draw bar, and resilient means tensioned by the pull applied to said draw bar for detaching the first mentioned means from engagement with said draw bar upon an abnormal pull being applied to the draw bar.

1,646,254. TUNNEL KILN. PAUL A. MEEHAN, Cleveland, Ohio, assignor to American Dresser Tunnel Kilns, Inc., Cleveland, Ohio, a Corporation of New York. Filed June 14, 1923, Serial No. 645,310. Renewed Mar. 19, 1927. 12 Claims. (Cl. 25-142.)



1. In an open fire tunnel kiln having side wall flues along a section of the kiln adjacent its entrance end and draft creating means for drawing heating gases from the kiln chamber into and through said flues, the improvement which consists in walls between said flues and the kiln chamber comprising metal plates suspended from the roof of the kiln, and sealing troughs into which the lower edges of said plates extend.

1,646,255. CLAMP. HENRY J. MUEHLEMAN, Hamilton, Ontario, Canada. Filed July 23, 1926. Serial No. 124,427. 1 Claim. (Cl. 173-263.)



In a clamp for connecting electrical conductors, the combination of an upper grooved member having a longitudinal rib on its back provided with indentations therein forming a saddle; a U-bolt adapted to pass around the said member and to sit in the saddle; transverse ribs in alignment with the indentations, a lower grooved member.

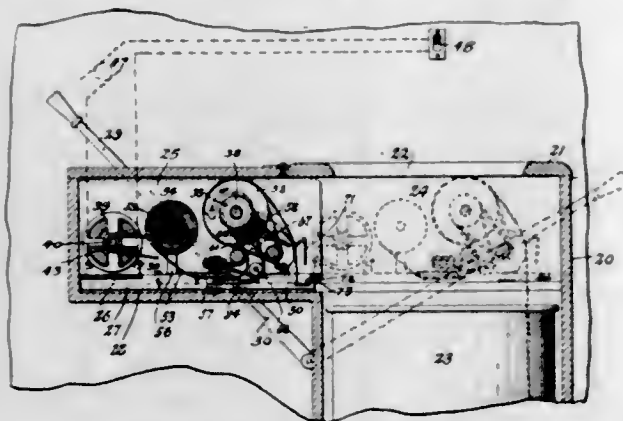
the groove whereof faces the groove of said upper member, said lower member having lugs thereon provided with holes through which the legs of the U-bolt are adapted to pass.

1,646,256. SYRINGE. WILLIAM F. PATTEN, Washington, D. C. Filed Sept. 22, 1926. Serial No. 136,991. 7 Claims. (Cl. 128-218.)



1. In a syringe, including a barrel and a plunger therein, a head on the barrel adapted to form and be positioned as a closure for a container for positioning the syringe therein, and a member formed from said head frictionally engaging the plunger to prevent accidental displacement thereof from the barrel.

1,646,257. COMMODE. PETER J. PIERETTI, Mount Morris, N. Y. Filed June 16, 1927. Serial No. 199,256. 11 Claims. (Cl. 4-1.)

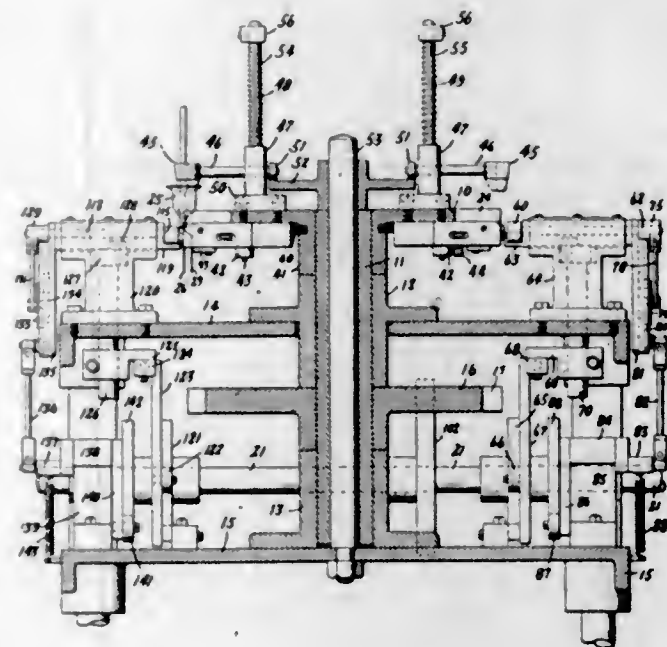


1. An apparatus of the character described comprising a wiping wheel having a body, the periphery of which is V-shaped in cross section and reduced hubs on opposite sides of the body, and bending and guiding means for holding a strip of paper circumferentially on said wheel so that its central part conforms to the V-shaped part of the body and the edges thereof engage the hubs thereof including belts adapted to pass around the edge portions of the strip which engage said hubs.

1,646,258. STEM-FORMING MACHINE. ANTON RAUS, Cleveland, and ELMER B. ISAAC, East Cleveland, Ohio, assignors to General Electric Company, a Corporation of New York. Filed Nov. 12, 1924. Serial No. 749,505. 6 Claims. (Cl. 176-3.)

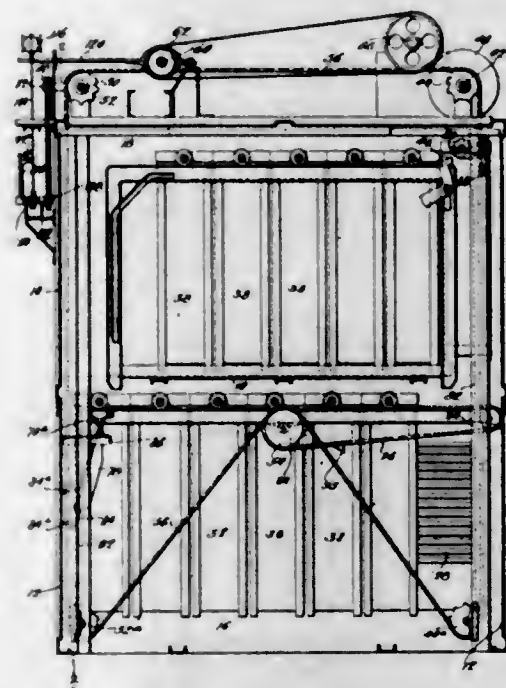
1. In an automatic machine for shaping supports projecting from glass stems, the combination of a substantially horizontal movable carrier, a chuck for supporting

one of said stems in a substantially vertical position mounted on said carrier, a shaping mechanism mounted



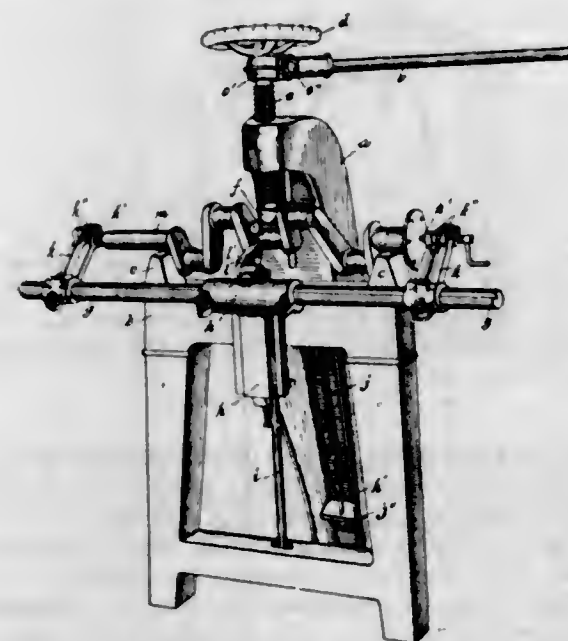
adjacent to the path of travel of said chuck, and means whereby said mechanism is reciprocated substantially horizontally as said chuck registers therewith.

1,646,259. DRIER. JOSEPH ROBERTS, Edgewood, R. I., assignor, by mesne assignments, to Proctor & Schwartz, Inc., Philadelphia, Pa., a Corporation of Pennsylvania. Filed Oct. 21, 1926. Serial No. 143,259. 7 Claims. (Cl. 34-12.)



1. A drier comprising, in combination, a pair of drying chambers, one above the other; carriers therein for material to be dried; guides for horizontal movement of the carriers through the chamber; an endless flexible driving element guided in vertical direction at each end of said pair of chambers; carrier engaging means on said element for shifting carriers between the chambers; and auxiliary flexible means, having a horizontally moving carrier-engaging device thereby actuated for advancing carriers horizontally in a chamber.

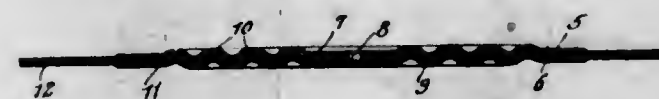
1,646,260. STRAIGHTENING PRESS AND METHOD OF STRAIGHTENING. BERNARD P. SCHILTZ, Cleveland, Ohio, assignor to The P. A. Geier Company, Cleveland, Ohio, a Corporation of Ohio. Filed Apr. 8, 1922. Serial No. 550,565. 14 Claims. (Cl. 153-52.)



1. A work-holding appliance and gage for straightening presses and the like, comprising an adjustable support for the member to be operated upon by the press, means for accurately gaging the work, and a depressible resilient support adapted normally to permit the ready rotation of said member, substantially as set forth.

8. The herein described method of operating a straightening press, comprising the resilient support of the work slightly above the blocks of said press in position for ready rotation, the repeated gaging of the work while mounted in position for straightening by the press without removal of the work, and the repeated treatment of said work in depressed position upon the blocks in accordance with the indications of the gage, substantially as set forth.

1,646,261. DIAPHRAGM. LAMBERT SCHMIDT, Brooklyn, N. Y., assignor to Radiotone Corporation, a Corporation of New York. Filed Mar. 23, 1923. Serial No. 627,063. 1 Claim. (Cl. 181-32.)

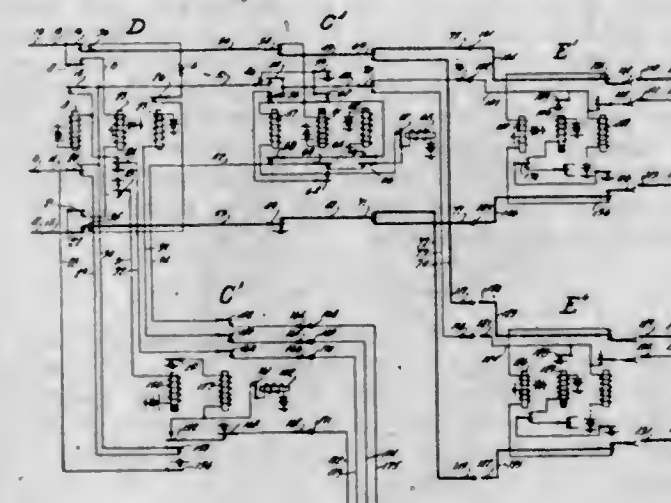


A diaphragm comprising two celluloid discs and an interposed disc of fibrous permeable material, all of said discs being of uniform diameter, a layer of composition material arranged between the celluloid discs and composed of shellac and mica rendered plastic under the action of heat and pressure to adhesively unite the several discs with each other in a unitary structure, the inner portions of the said discs being corrugated and the corresponding portion of the layer of adhesive material being of relatively greater thickness than the outer portion thereof whereby the inner area of the diaphragm is rendered relatively rigid.

1,646,262. AUTOMATIC TELEPHONE SYSTEM. MICHAEL SCHWARTZ, Chicago, Ill., assignor to Automatic Electric Inc., Chicago, Ill., a Corporation of Delaware. Filed Dec. 16, 1922. Serial No. 607,270. Renewed Jan. 22, 1926. 13 Claims. (Cl. 179-18.)

2. In a multi-office telephone system, a local office and a plurality of other offices, directors in the local office for registering the digits in called telephone numbers and

for controlling automatic switches in accordance therewith, automatic switches in the said other offices controlled from said local office only through the medium of



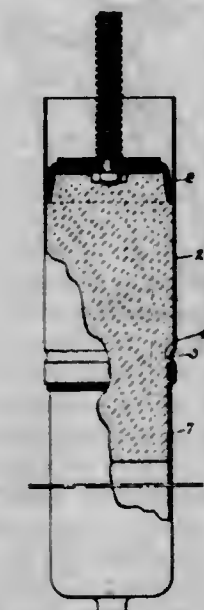
said directors, and automatic switches in said local office directly controlled directly by calling subscribers therein without the intervention of the directors.

1,646,263. DISPLAY CARD, PRICE TICKET, AND THE LIKE. WILLIAM HENRY SMEDLEY, Stoke-on-Trent, England. Filed Feb. 23, 1927. Serial No. 170,292, and in Great Britain Sept. 19, 1925. 1 Claim. (Cl. 40-21.)



A display device comprising a card and a flexible non-resilient support connected thereto, said support comprising a metallic core and a sheathing adhesively secured to said core, and said support being adapted to have one end portion bent over a third element to frictionally grip the same and to carry by its other end portion said card and to support the same in any position of adjustment.

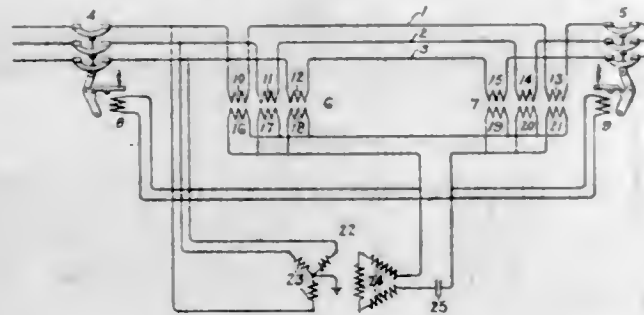
1,646,264. GREASE PACKAGE. LOUIS W. STEVENS, Boston, Mass. Filed Oct. 27, 1924. Serial No. 746,027. 1 Claim. (Cl. 206-56.)



A refill package for grease guns comprising a shell of substantially cylindrical form filled with grease and having one end thereof open for substantially its entire di-

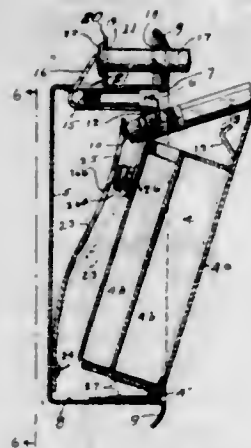
ameter, a removable cover closing said end, the opposite end of said shell being slightly larger in internal diameter than the grease gun with which the package is to be used, whereby the end of the grease gun may slide freely inside the latter end of the shell, a circumferential groove formed in the wall of said shell near said latter end providing an internal shoulder against which the open end of the grease gun will abut when inserted in the shell, said shoulder serving to deflect the grease inwardly to prevent leakage between the shell and the gun during the filling operation, and a removable cover for closing the shouldered end of said shell.

1,646,265. PROTECTIVE SYSTEM. CHARLES P. STEINMETZ, deceased, late of Schenectady, N. Y., by Joseph L. R. Hayden, Schenectady, N. Y., executor, assignor to General Electric Company, a Corporation of New York. Filed July 24, 1924. Serial No. 728,020. 3 Claims. (Cl. 175-294.)



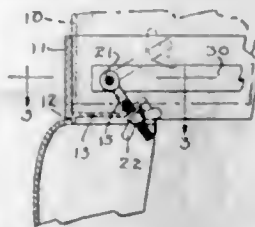
1. A power circuit, and a protective system comprising a pilot circuit for controlling the connections of said power circuit, transformers associated with opposite ends of said power circuit for supplying to said pilot circuit current of a value dependent upon the relative values of the energy transmitted through opposite ends of said power circuit, and means interconnecting said power and pilot circuits for supplying a neutralizing current to said pilot circuit when unbalanced charging currents are supplied to said power circuit.

1,646,266. RECEPTACLE. FRANK STONER, Lakewood, Ohio, assignor to The Baker-Raulang Company, Cleveland, Ohio, a Corporation of Ohio. Filed Aug. 26, 1922. Serial No. 584,509. 11 Claims. (Cl. 220-18.)



1. In a construction of the class described, the combination with a support having a recess, of a holder movably connected to said support so that it may lie within said recess therein substantially flush with the surface of said support and be moved outwardly to permit access to its interior, a device connected to said support and normally acting on said holder to push it outwardly, and a connection between said device and said holder serving to limit the outward movement of the latter, the said connection between said device and said holder being detachable.

1,646,267. STOVE-LEG CONNECTION. ALBERT H. TINNEMAN, Cleveland, Ohio. Filed Feb. 4, 1927. Serial No. 165,834. 7 Claims. (Cl. 126-304.)

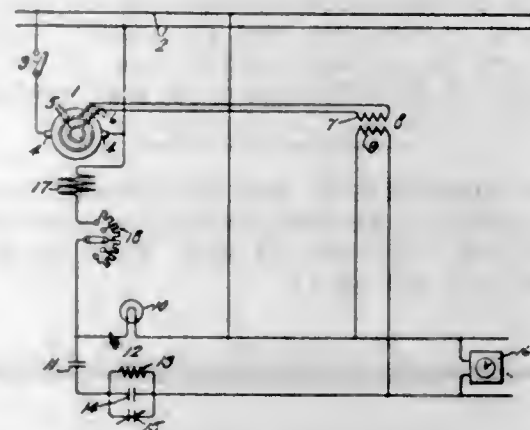


1. The combination with a stove frame, of a cross-bar rigidly mounted thereon, and across a corner thereof, a stove leg, and means pivotally mounted on the cross-bar and adapted to be connected to the leg for clamping it to the frame.

1,646,268. MANUFACTURE OF FERROPHOSPHORUS. JOSEPH WARNER, Nashville, Tenn. Filed June 16, 1927. Serial No. 199,406. 4 Claims. (Cl. 75-45.)

1. The process of producing a high percentage ferro-phosphorus which comprises charging the furnace with a mixture containing ferro-phosphorus, coke and phosphate bearing material and a metallic substance, the amount of phosphate bearing material being added in only such quantity as to provide the necessary fluxing ability to combine with the silica in the said mixture.

1,646,269. SPEED REGULATOR. HENRY E. WARREN, Ashland, Mass., assignor to Warren Clock Company, Ashland, Mass., a Corporation of Maine. Filed Jan. 4, 1924. Serial No. 684,459. 8 Claims. (Cl. 171-119.)

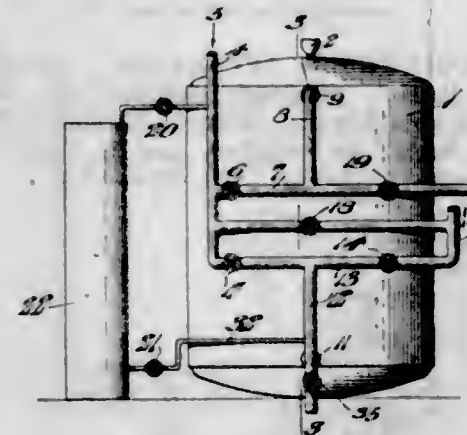


1. A speed regulator for regulating the speed of a dynamo electric machine provided with a field winding arranged to be supplied with current for exciting said machine and with an armature winding having alternating current terminals, comprising means including a tuned circuit operatively associated with said alternating current terminals, and means conductively associated with said field winding and said tuned circuit for controlling the excitation of said machine in response to its speed.

1,646,270. WATER-SOFTENING SYSTEM. GUY S. APELDORN, Philadelphia, Pa. Filed June 26, 1925. Serial No. 39,704. 2 Claims. (Cl. 210-24.)

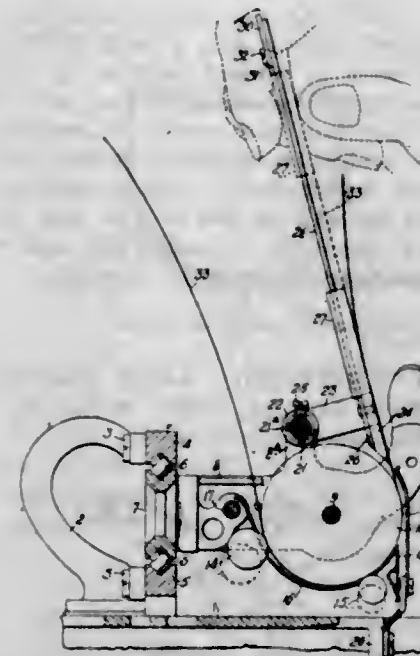
1. In a water softening system, a softening tank, an inlet pipe provided with a plurality of branches, the upper branch having a vertical extension leading to the top of said tank, and being provided with valves on each side of said vertical extension, the lower of said branches having a pendant extension leading to the bottom of said tank and being provided with valves

on each side of said pendant extension, an intermediate valved branch leading from said inlet pipe to the exit from said lower branch, a valved outlet leading from the bottom of said tank, a regenerating tank, an inlet pipe



leading thereto, an upper valved pipe leading from the top of said regenerating tank to said inlet and a lower valved pipe leading from the bottom of said regenerating tank to said lower pendant extension.

1,646,271. TYPEWRITING MACHINE. EDWIN E. BARNEY, New Rochelle, N. Y., assignor to Remington Typewriter Company, Ilion, N. Y., a Corporation of New York. Filed Apr. 29, 1924. Serial No. 709,918. 17 Claims. (Cl. 197-127.)

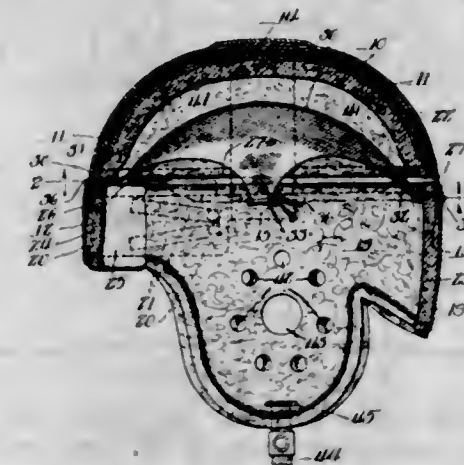


1. In a typewriting machine, the combination of a platen, and sliding means for effecting the feeding of paper over the platen, the paper overlying said sliding means and being pressed thereagainst by the hand of the operator during the feeding operation effected by a pull on both the paper and the sliding means.

1,646,272. HELMET OR HEADGUARD. BENJAMIN E. BATES, Chicago, Ill., assignor to Wilson-Western Sporting Goods Company, Chicago, Ill., a Corporation of Delaware. Filed Oct. 15, 1926. Serial No. 141,843. 5 Claims. (Cl. 2-3.)

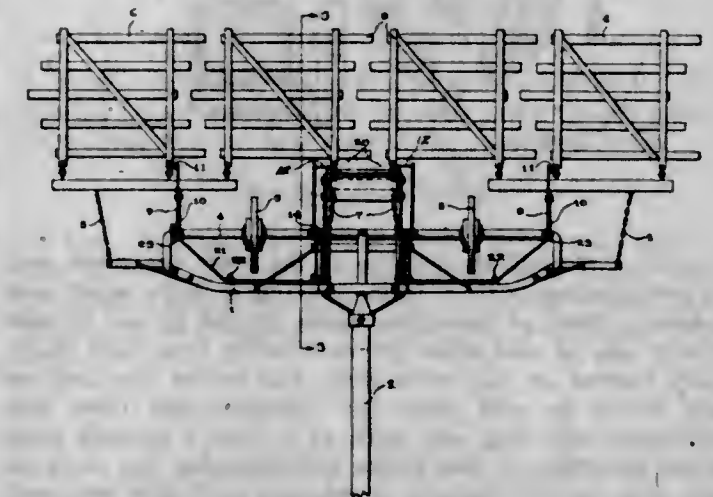
1. In a helmet or head guard the combination of an outer crown member, a longitudinal reinforcing strip secured to said crown member, a transverse reinforcing strip also secured to said crown member, each of said reinforcing strips having portions which depend beyond the lower edge of said crown member, and an inner crown

member, said inner crown member having a plurality of loops at its perimeter, said depending ends of said reinforcing strips having apertures therein, and laces secured



in said loops and apertures to hold said inner crown member in adjustable and removable relation to said reinforcing strips.

1,646,273. TILTING APPARATUS FOR HARROWS. CASPER D. BRACKELSBURG, Madella, Minn. Filed June 28, 1926. Serial No. 119,088. 2 Claims. (Cl. 55-34.)

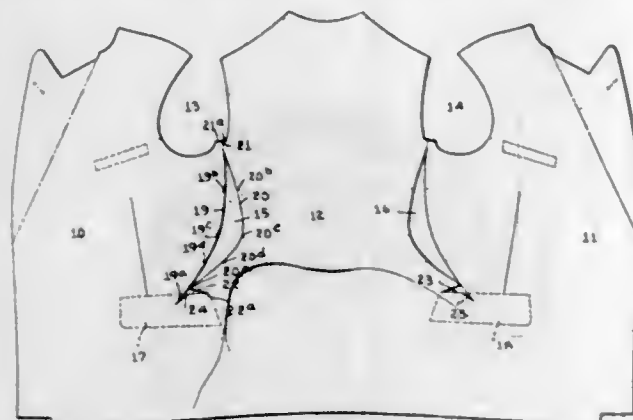


1. In a harrow, the combination with an advanced frame, of a plurality of harrow sections operatively disposed in alignment transversely at the rear of the frame, bell crank levers mounted on the frame, each bell crank lever comprising independently movable arms, certain of which are operatively connected to certain of the harrow sections, the other sections of the bell crank levers being operatively connected to the end harrow sections, and means cooperating between the arms of said bell crank levers, whereby the movement of one of the arms of each bell crank lever in one direction or the other may tilt one of the harrow sections at its forward end independently of and without disturbing the remaining harrow sections.

1,646,274. COAT. DOMENICK CAPRAROLA, Baltimore, Md., assignor of one-half to David S. Gross, Baltimore, Md. Filed May 28, 1927. Serial No. 194,892. 4 Claims. (Cl. 2-93.)

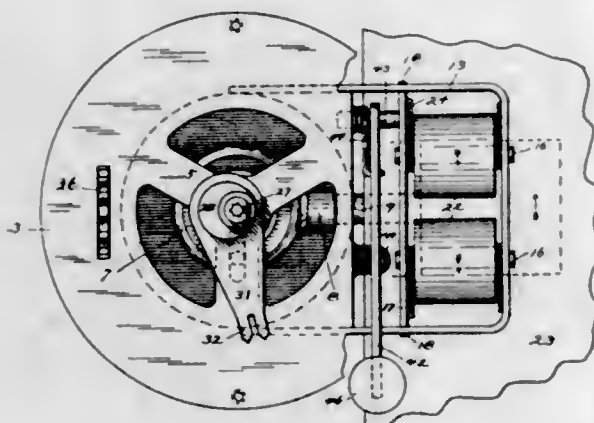
1. A coat blank having an arm opening and integral front and rear panels separated by a cut-out portion having edges the upper ends of which meet at said arm-

opening and extend downwardly, the front edge of said cut-out portion being convex and the rear edge of said



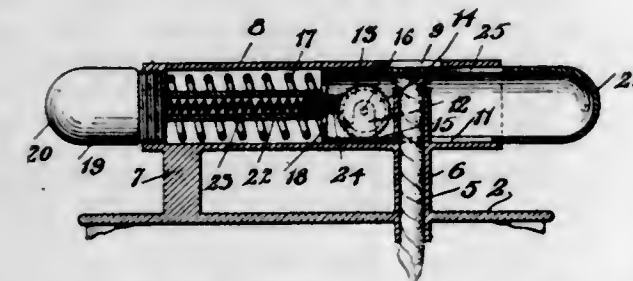
cut-out portion being concave, the lower end of said concave edge terminating short of the lower end of said convex edge.

1,646,275. MEASURING DEVICE. DAVID JAMES CRONK, Poughkeepsie, N. Y. Filed Apr. 12, 1926. Serial No. 101,469. 2 Claims. (Cl. 33—130.)



1. In a measuring machine of the class described, and in combination with a frame having a drive shaft and a driven shaft, of indicating disks carried by one of said shafts, one of said disks driven directly from said shaft, teeth formed on the other disk, and means mounted on and driven by said shaft for engaging said teeth and advancing said disk one tooth at a time, a toothed reset wheel mounted on said frame and engaging the teeth on said disk, for the purpose of rotating said disk independent of the driving means.

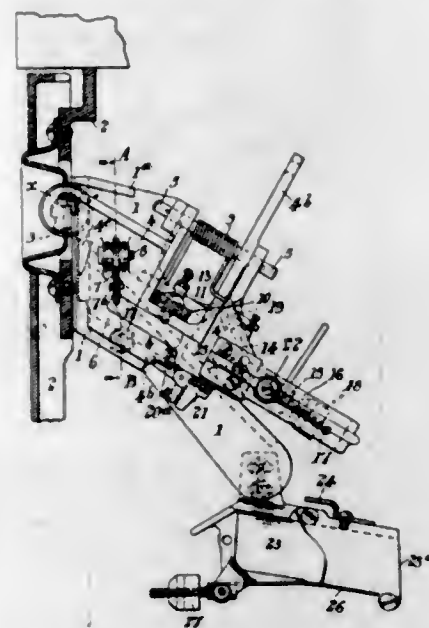
1,646,276. CIGAR LIGHTER. JULIUS DINHOFFER, New York, N. Y. Filed Jan. 25, 1927. Serial No. 163,334. 3 Claims. (Cl. 67—4.1.)



1. A device of the class described comprising a fuel reservoir, a pair of supporting struts extending therefrom, a pair of telescoping tubular members supported by said struts, one of said struts constituting a hollow passage for a wick which extends therethrough and into one of the telescoping members, a rotary striking wheel adapted to be rotated by telescopic operation of the

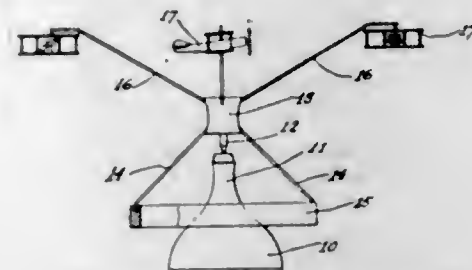
tubular members, a section of igniting material held against the striking wheel, a support for said igniting material and a spring surrounding said support and normally tending to separate the telescoped members.

1,646,277. COIN-FREED APPARATUS. HENRY JAMES DOLMAN, Bristol, England, assignor to Brecknell, Munro & Rogers Limited, Bristol, England. Filed Feb. 17, 1927, Serial No. 168,688, and in Great Britain Feb. 6, 1926. 7 Claims. (Cl. 194—97.)



1. In a coin-free apparatus, a pivoted oscillatory coin carrier adapted when in normal position to receive and grip a coin, and counterbalancing means upon said carrier adapted to maintain the carrier in normal position when no coin is held therein, but to permit said carrier to be swung into substantially vertical position by the weight of a coin so long as the coin is held therein, in combination with means for releasing the coin when the carrier is in substantially vertical position.

1,646,278. TOY WHIRLIGIG. ARTUR DRAUDEN, Brooklyn, N. Y. Filed June 15, 1927. Serial No. 198,888. 2 Claims. (Cl. 46—14.)

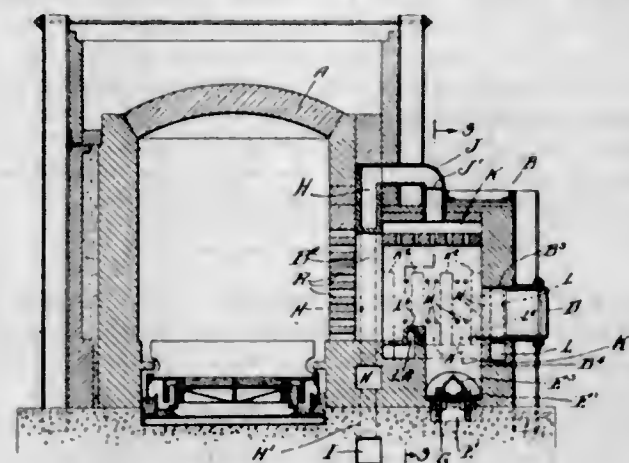


1. A device of the class described comprising a pedestal, a recess in the upper end of said pedestal, a ball loosely mounted in said recess, means for guiding said ball to rotation in a horizontal plane, said ball having a cut-out portion, a peg loosely supported in said cut-out portion, an anchor rigid with the upper end of said peg, supporting means extending from said anchor, and miniature models attached to said supporting means.

1,646,279. TUNNEL KILN. CONRAD DRESSLER, Cleveland, Ohio, assignor to American Dressler Tunnel Kilns, Inc., Cleveland, Ohio, a Corporation of New York. Filed June 13, 1923. Serial No. 645,217. 10 Claims. (Cl. 25—142.)

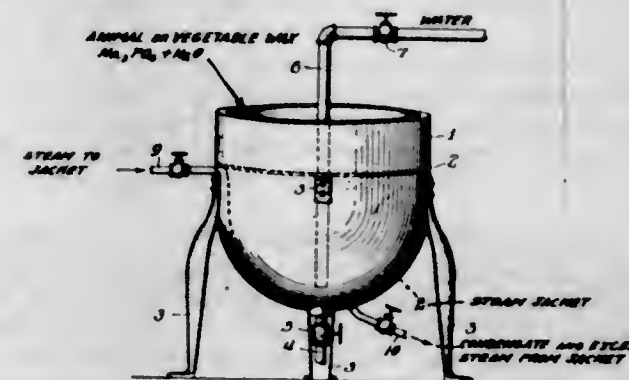
1. In an open fire kiln having a fire box at the side of the kiln chamber with a combustion chamber therein

and a port opening from said combustion chamber to the kiln chamber, the improvement which consists in cooling channels in the walls of said port and at the sides



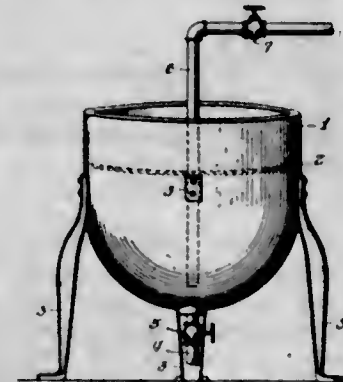
and top of said combustion chamber, and provisions for passing air through said channels into said combustion chamber to support combustion therein.

1,646,280. METHOD OF TREATING WAX AND THE PRODUCTS RESULTING FROM SAME. OTTO E. ENELL, Alhambra, Calif., assignor to Chadeloid Chemical Company, New York, N. Y., a Corporation of West Virginia. Filed Dec. 24, 1924. Serial No. 757,815. 4 Claims. (Cl. 87—19.)



1. The method of treating a normally solid non-mineral wax which consists of heating same at least sufficient to liquefy the same in contact with trisodium phosphate and water and allowing heavy impurities to settle out.

1,646,281. FINISH REMOVER CONTAINING WAX. OTTO E. ENELL, Alhambra, Calif., assignor to Chadeloid Chemical Company, New York, N. Y., a Corporation of West Virginia. Filed Dec. 24, 1924. Serial No. 757,816. 2 Claims. (Cl. 87—5.)



1. A finish remover comprising volatile solvents adapted to act upon dried coats of paint, varnish and the like, and a herein described treated wax, such wax

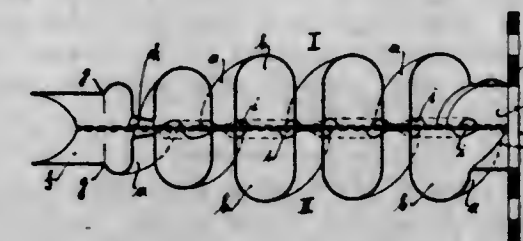
comprising the constituents of normal wax free from those normal constituents of impure wax which are capable of being removed by treatment with hot trisodium phosphate solution, such wax product being of a somewhat lower specific gravity than of wax of like kind and ordinary grade of purity, and being less liable to granulate and separate out from varnish remover on standing, and being of a softer consistency than ordinary wax of like kind and of ordinary grade of purity.

1,646,282. WALL-PAPER MACHINE. EUGENE C. F. ERNST, Pittsburgh, Pa. Filed Apr. 5, 1927. Serial No. 181,105. 19 Claims. (Cl. 216—7.)



1. Means for applying wall paper consisting of an extensible frame provided at one end with spaced apart holding terminals having sockets for a wiping brush.

1,646,283. EXHAUST SILENCER. JOHANNES ERNST, Bad Salzungen, Germany, assignor to Josef Ernst, Bad Salzungen, Germany. Filed Jan. 24, 1925. Serial No. 4,593, and in Germany Oct. 30, 1924. 2 Claims. (Cl. 187—160.)

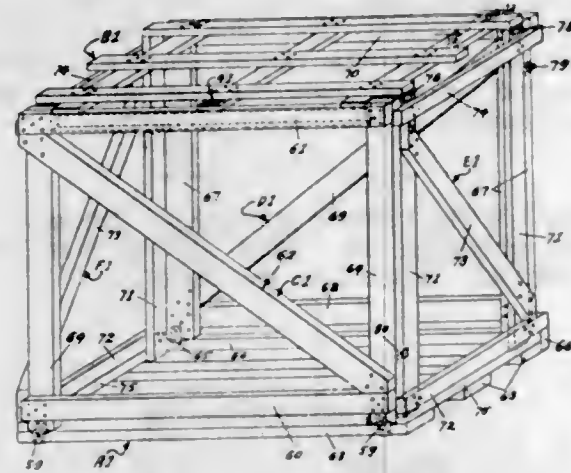


1. An exhaust silencer comprising a body provided with hollow helical threads and having open cylindrical inlet and outlet ends, said body being tapered toward its outlet end and formed of two similar halves having lateral connection flanges thereon, the front face of said outlet end being obliquely cut off, the lateral connection flanges of said two similar halves forming between them longitudinal channels leading through the threads of said body and connecting said inlet and outlet ends.

1,646,284. COLLAPSIBLE CRATE. CORNELL FLAGSTAD, Minneapolis, Minn., assignor of ninety-five per cent to Folding Crate and Box Company, Minneapolis, Minn., a Corporation of Minnesota. Filed July 5, 1924. Serial No. 724,320. 7 Claims. (Cl. 217—47.)

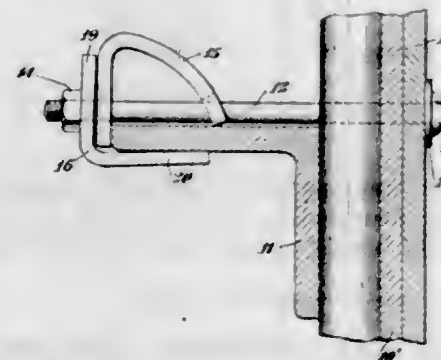
6. A collapsible crate comprising a base, a cover, and side sections adapted to be folded one down upon and

the other away from the base, said side sections being secured by upper and lower hinges to said cover and base, the hinges of one side section being higher than



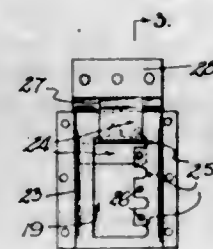
the hinges of the opposite side section, so that when the crate is collapsed the said base, cover and side sections will fold flatly against each other.

1,646,285. FASTENER. RALPH E. FREY, Ambler, Pa., assignor to Ambler Asbestos Shingle, Slate and Sheathing Company, a Corporation of Pennsylvania. Filed Apr. 14, 1926. Serial No. 101,882. 4 Claims. (Cl. 189-35.)



1. The combination with sheet material and a metal support, of a bolt lying across the surface of said metal support, a fastening member comprising a spring metal strap having a perforated section and a section bent at less than a right angle with the perforated section adapted to automatically conform to the contour of the surface of the metal support with which it contacts upon tightening of the bolt.

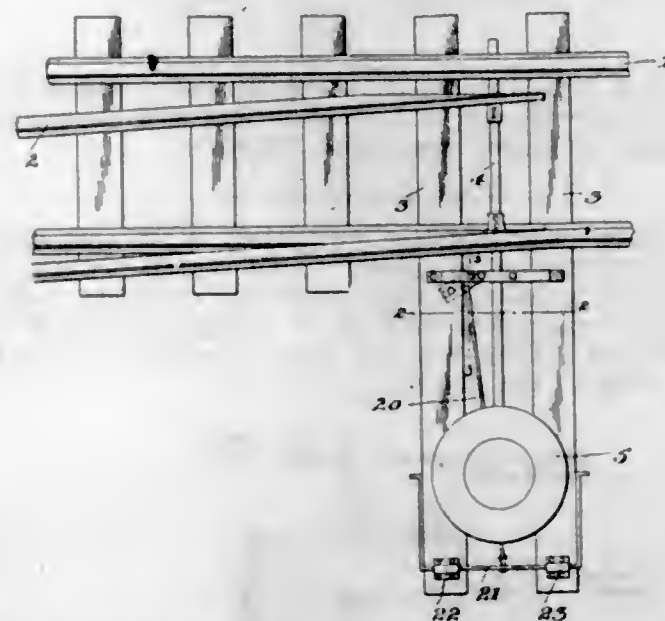
1,646,286. ADJUSTABLE HINGE FOR SUITCASES OR THE LIKE. FREDERICK CECIL GADSBY, Sidney, New South Wales, Australia. Filed Jan. 13, 1925, Serial No. 2,200, and in Australia Sept. 22, 1924. 1 Claim. (Cl. 16-130.)



A hinge for an extensible suitcase or the like, said hinge comprising a plate for attachment to the body of a suitcase and having a portion between its edges bent out of the plane of its edge portions to form a slideway, said portion having a longitudinal opening and also having a plurality of notches extending laterally from one

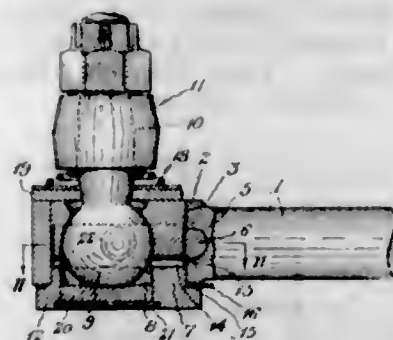
edge of said opening, a substantially flat member having a main part of less width than said slideway and of greater width than said opening and shiftable in said slideway, said member also having a part bent at substantially a right angle to its main part and extending through said slot and then bent substantially parallel to said main part, and a hinge leaf carried by the free end of the last-named part of said member, said member being shiftable longitudinally of said slideway to lengthen and shorten said hinge and also being shiftable laterally to cause its right-angular part to enter one of said slots for securing said member in adjusted position.

1,646,287. SAFETY DEVICE FOR RAILROAD SWITCHES. CHARLES GOOGE and HENRY LINDSEY, Corinth, Miss. Filed Mar. 12, 1926. Serial No. 94,254. 4 Claims. (Cl. 246-448.)



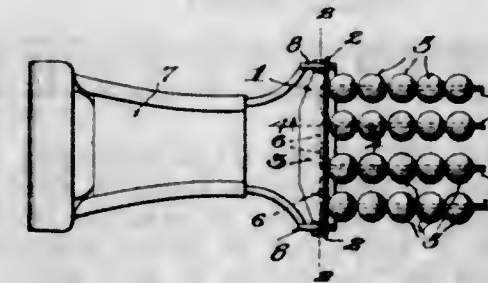
2. A safety device for railroad switches comprising a slidable pin adapted to engage an opening in the switch bridge rod, means for automatically moving said pin into engagement with said opening in a predetermined position of the bridge rod, and means operating independently of the switch for moving said pin out of engagement with said opening to allow the switch to be operated.

1,646,288. TIEROD CONSTRUCTION. MATTHEW P. GRAHAM, Detroit, Mich., assignor to Thompson Products Inc., Cleveland, Ohio, a Corporation of Ohio. Filed Dec. 19, 1925. Serial No. 76,448. 5 Claims. (Cl. 287-90.)



1. A rod coupling means consisting of a connecting member provided with an aperture at an end thereof, and a ball point seated in said aperture comprising a tubular ball seat terminating in a spherical segmental bearing surface and a cooperating ball stud, the ball stud having its ball seated in said bearing surface and its shank projecting outwardly, one of the members of said joint having an eccentric part whereby, upon relative rotation thereof the ball stud shank may be adjusted longitudinally of the rod.

1,646,289. MEANS FOR SECURING ROWS OF PEARLS OR THE LIKE. ART HADLEY, Providence, R. I., assignor to The Hadley Company, Providence, R. I. Filed Aug. 6, 1926. Serial No. 127,609. 2 Claims. (Cl. 63-4.)

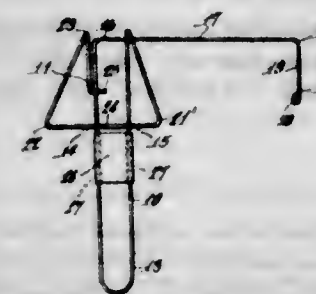


1. A connector for strings of pearls and the like composed of a hollow bar having a laterally perforated body, a pair of lips extending outwardly from the body, and strings having pearls thereon and having one end passed through the perforations and received between the lips, the lips being common to all of the strings and compressed to frictionally and simultaneously engage and hold all of said string ends therebetween.

1,646,290. PROCESS FOR MANUFACTURING 1-AMINO-NAPHTHALENE-8-CARBOXYLIC ACID. RICHARD HERZ and FRITZ SCHULTE, Frankfort-on-the-Main, Germany, assignors to Grassell Dyestuff Corporation, New York, N. Y., a Corporation of Delaware. Filed July 12, 1926, Serial No. 122,030, and in Germany Nov. 29, 1924. 9 Claims. (Cl. 260-109.)

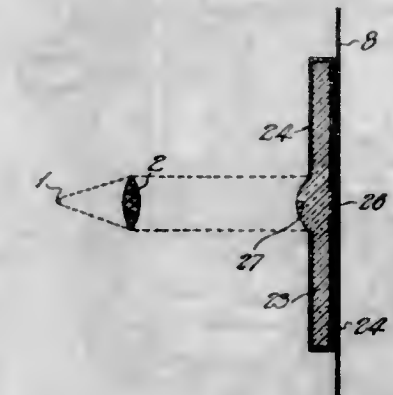
1. Process for the manufacture of a 1-amino-naphthalene-8-carboxylic acid compound which comprises treating an 8-cyannaphthalene-1-sulfonic acid compound with an alkaline-acting agent at a temperature greater than 100° C. and not substantially above 200° C.

1,646,291. BOOKMARK. PAUL HORACEK, Germantown, Pa. Filed Apr. 3, 1926. Serial No. 99,642. 3 Claims. (Cl. 116-119.)



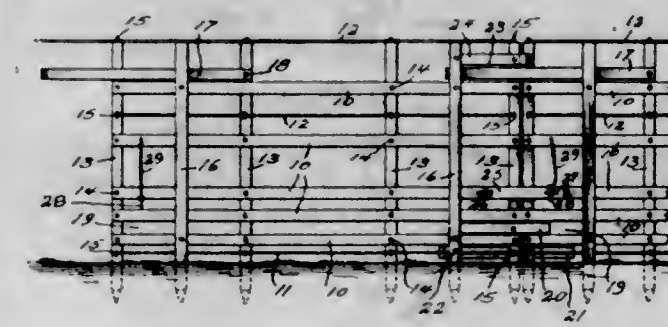
3. A book mark comprising a pair of loops substantially in parallelism and adapted to straddle the back of a book and which comprises side members, one end of one of the side members of one of the loops having an arm at right angles to the loop and terminating in a finger at its extremity to engage between the pages of the book, one end of one of the said members of the other loop having an arm substantially parallel with the side member having the first arm, the second arm terminating in a lateral extension with an offset portion to overlie one of the said members which has the first arm to retain the side member in position when a torsional tension is imparted to the first arm, and a tie plate secured to the side members of one of the loops for maintaining said side members in spaced parallel relation, when a torsional strain is exerted on the side member, the extremity of the page engaging a finger having a rolled loop to engage between the pages and avoid injuring the pages.

1,646,292. METHOD OF DIRECTING LIGHT RAYS UPON LIGHT-SENSITIVE ELEMENTS. CLINTON W. HOUGH, Boonville, N. Y., assignor to Wired Radio, Inc., New York, N. Y., a Corporation of Delaware. Filed Oct. 27, 1925, Serial No. 64,153. Renewed Aug. 17, 1927. 2 Claims. (Cl. 179-100.1.)



1. In an optical system the combination of a source of light rays, means for concentrating said light rays in a beam, means directly adjacent a light sensitive element for directing said beam of light rays thereupon, comprising a flat transparent sheet of material, a raised portion in the shape of a light orifice on one side of said flat sheet of material and located directly adjacent said light sensitive element, and an opaque coating on the side of said plate surrounding said orifice for directing all of said light rays through said orifice.

1,646,293. PORTABLE FENCE PANEL. JOHN WILLIS HUDNALL, Shreveport, La. Filed Apr. 9, 1927. Serial No. 182,354. 4 Claims. (Cl. 256-24.)

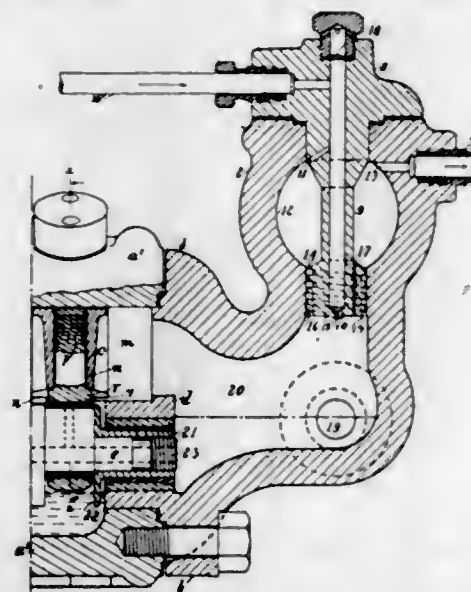


1. A fence panel comprising spaced rails, spaced posts pivotally connected to the rails at one side thereof, an upright pivotally mounted upon the rails in spaced relation to the end posts of the panel, a locking bar pivoted to one of the posts adjacent the top rail and extending outwardly between the end post and the upright at one end of the panel, and a short rail at the other end of the panel between the end post and the adjacent upright and spaced from the top rail to provide therewith a socket for the reception of the projecting locking bar of an adjacent panel.

1,646,294. COMPRESSION PUMP. WILLIAM FREDERICK JENNINGS, London, England. Filed Apr. 4, 1925, Serial No. 20,066, and in Great Britain Apr. 4, 1924. 2 Claims. (Cl. 230-206.)

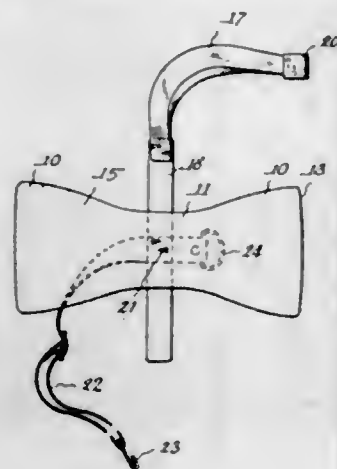
1. In a compression pump, the combination of a crank case provided with a pair of parallel transverse bores and open at opposite sides, a crank shaft disposed in one of said bores, an oscillating cylinder mounted in the other bore, a piston in said cylinder connected to the crank shaft, a pair of plates disposed against the opposite sides of the crank case for closing the same, bearings carried by said plates for supporting the opposite ends of the crank shaft, a stuffing box carried by one plate about

the crank shaft bearing for sealing the crank shaft through the plate, the opposite plate having a hollow extension communicating with the crank shaft bore of the



crank case and terminating in a support housing for an oil separator to feed oil from said separator into the crank case.

1,646,295. BOW TIE. ABRAHAM KIMMEL, Newark, N. J. Filed May 24, 1926. Serial No. 111,361. 1 Claim. (Cl. 2—151.)

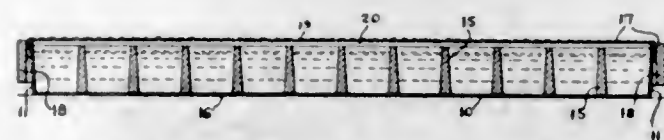


A bow tie having wings and a knot, and an intermediate portion integral with the wings, a metal strip affixed to said intermediate portion of the tie, knot-forming material attached to said metal strip, and a fastener element carried by said knot-forming material at the end thereof, said metal strip being formed into a fastener member engageable by the fastener element on the knot-forming material.

1,646,296. FAST DYEING ON THE FIBER. THEODOR KIRCHHEISEN, Dessau in Anhalt, Germany, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt, Germany. Filed Oct. 12, 1925, Serial No. 62,149, and in Germany Sept. 27, 1924. 3 Claims. (Cl. 8—5.)

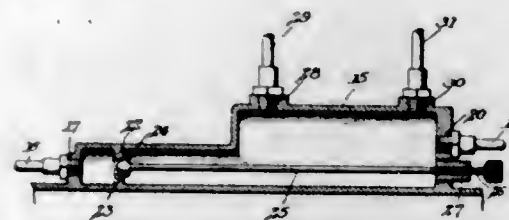
1. In the process for producing fast dyeings on the fiber involving the diazotization, by treatment with a soluble nitrite and a reagent having an acid reaction, of a diazotizable amine on the fiber in the presence of a compound adapted to be coupled, the steps which consist in impregnating the fiber with a mixture comprising the compound adapted to be coupled and the soluble nitrite, and, thereafter, treating the so-impregnated fiber with a second mixture comprising the reagent having an acid reaction.

1,646,297. PROCESS OF PREPARING A BASE EXCHANGE MATERIAL FROM GELS. FREDERICK K. LINDSAY, St. Paul, Minn., assignor to Arizona Minerals Corporation, St. Paul, Minn., a Corporation of Minnesota. Filed June 26, 1926. Serial No. 118,768. 6 Claims. (Cl. 18—47.5.)



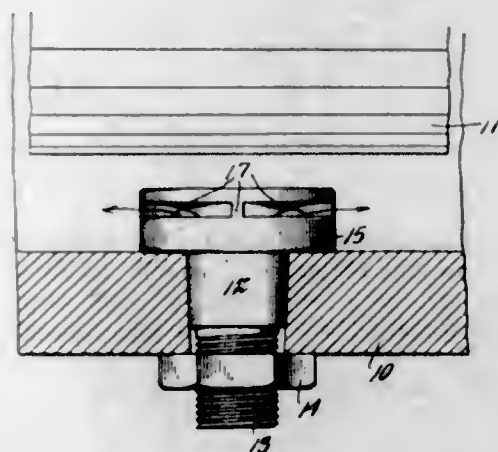
1. A process of producing a base exchanging material which consists in producing an aluminum silica gel material, forming the gel before the same has hardened by drying into a multiplicity of blocks, positioning the blocks spaced one from another so as to permit air circulation around all sides thereof, and exposing the blocks so positioned to outdoor conditions of sun and wind until said blocks have reached a desired condition of dryness.

1,646,298. OIL-PURIFYING DEVICE. THOMAS J. LITTLE, Jr., Detroit, Mich., assignor, by mesne assignments, to Harold H. Emmons, Detroit, Mich. Filed Nov. 11, 1919. Serial No. 337,139. 7 Claims. (Cl. 123—196.)



1. The combination with an internal combustion engine having a reservoir for the lubricating oil, of means for removing the volatile impurities in the oil by distillation, said means including an oil heating element, a conduit for conducting the oil from the reservoir to the heating element, a conduit for returning the oil to the reservoir, and automatic regulating means responsive to change in temperature of the heating element for controlling the flow of oil through the heating element.

1,646,299. STEAM JET FOR WASHING MACHINES. LEO MANDRY, San Antonio, Tex. Filed Dec. 26, 1924. Serial No. 758,303. 3 Claims. (Cl. 68—18.)



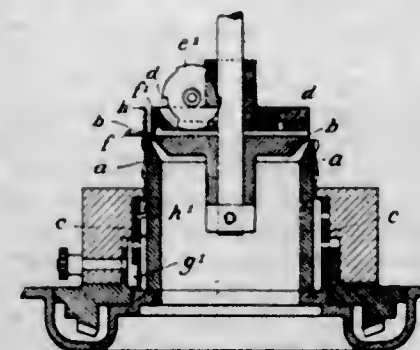
1. A steam jet comprising a substantially cylindrical longitudinally bored body having an enlarged substantially thin flat head disposed substantially at right angles to the body, said head being provided with a plurality of passages having their inner ends communicating with the bore of the body and flaring outwardly so that steam passing through the passage will be discharged at a reduced pressure, substantially as set forth.

1,646,300. MATCH BOX. CHARLES D. MARTIN, Canton, Ohio. Filed May 18, 1926. Serial No. 109,953. 3 Claims. (Cl. 206—33.)



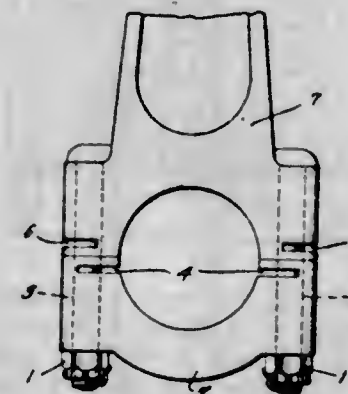
1. A match box comprising a tubular casing, a tray slidable in said casing, a strip having one end forming an attaching portion and permanently and positively secured to one wall of the tray and also having a partition forming portion extending longitudinally of the tray and spaced from one wall thereof to provide a longitudinally extending burnt match compartment, the other end of the strip being free whereby said partition forming portion is freely movable to vary the size of the compartment formed thereby, said strip extending from one end wall to a point near the opposite end wall of the tray.

1,646,301. PRODUCTION OF RIB TOP FABRICS AND MECHANISM FOR USE IN PRODUCING THE SAME. ESTEBAN MASLLORENS, Olot, Spain, assignor to the Firm of Schubert & Salzer, Maschinenfabrik Aktiengesellschaft, Chemnitz, Saxony. Filed Jan. 28, 1926. Serial No. 84,434, and in Germany Mar. 7, 1924. 2 Claims. (Cl. 66—20.)



1. In combination with a special stitch forming circular knitting machine including a set of cylinder and a set of dial needles, each of said sets of needles having butts of different lengths, cam operating means for the sets of needles having operative and inoperative paths, selecting devices for selectively engaging and causing certain of said sets of needles to be moved through operative courses, each of said selecting devices for the dial needles consisting of discs of different radii engageable with the different lengths of butts of the set of dial needles for causing the same to take operative or inoperative paths through said cam operating means.

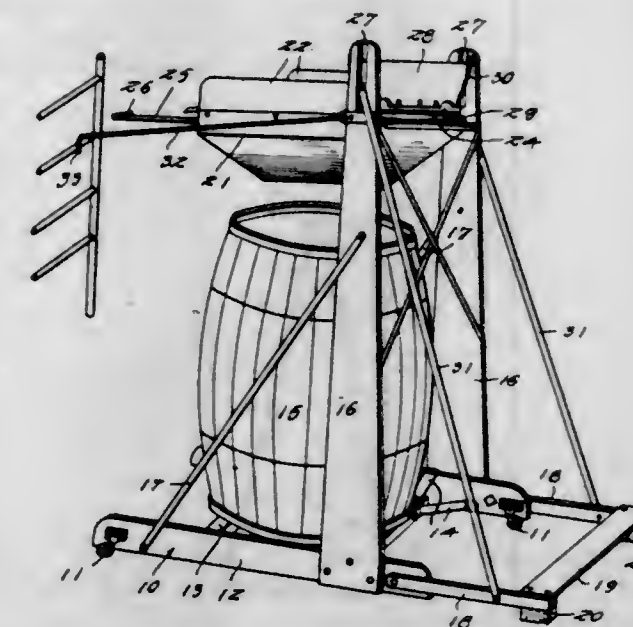
1,646,302. BEARING FOR CONNECTING RODS AND FOR OTHER PARTS OF MACHINERY. GEORGE WILLIAM MCKALE, Elsmore Township, Allen County, Kans. Filed Jan. 23, 1926. Serial No. 83,301. 2 Claims. (Cl. 308—67.)



1. A bearing of the character described comprising a cap, provided with a semi-circular recess, and formed with slots transverse the inner face thereof, a member pro-

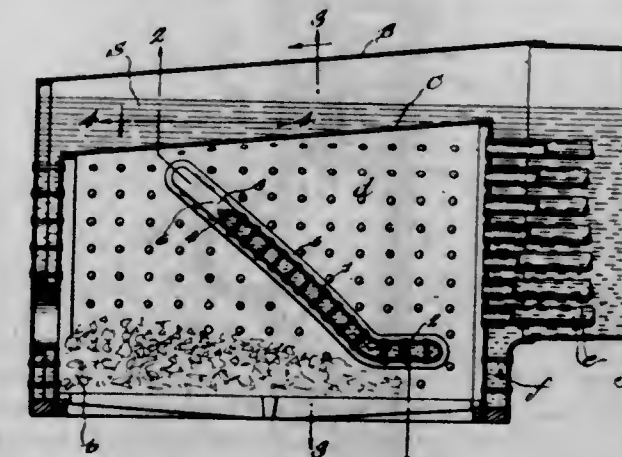
vided with a semi-circular recess, means for securing said cap to said member in a manner whereby the semi-circular recesses cooperate, said member being provided with slots in its outer sides and said slots cooperating whereby the bearing can be adjusted by adjusting the securing means for the cap.

1,646,303. PAN SCRAPER. EDGAR W. McLAIN, Higginsville, Mo. Filed June 26, 1926. Serial No. 118,863. 14 Claims. (Cl. 15—93.)



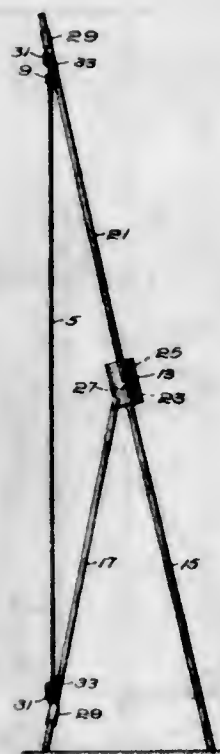
12. In a device of the type described, a hopper, a scraper blade vertically adjustable toward and away from one edge of the hopper, pan guides carried by the hopper and adapted to support a pan for movement in a direction transverse to the scraper blade, means for shifting the scraper blade into engagement with the upper surface of a pan supported from said guide and means yieldably urging the blade in the opposite direction.

1,646,304. STEEL WATER ARCH AND SIPHON. GEORGE D. McLEOD, Chicago, THEODORE F. POKORSKI, Calumet City, Ill., and THOMAS J. HEWITT, Hammond, Ind. Filed Oct. 9, 1925. Serial No. 61,547. 3 Claims. (Cl. 122—59.)



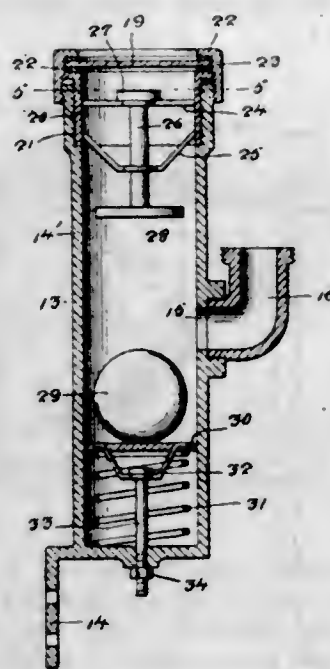
1. In combination with the fire box of a boiler, a combined arch and siphon structure including a comparatively thin hollow body extending across the fire box and secured to the side walls thereof, the body being inclined downwardly toward one end of the fire box and being provided at its lower end with an extension disposed approximately horizontally, the body being provided at its upper end with lateral extensions opening through the crown sheet of the fire box, the body and the extension thereof opening through the side walls of the fire box.

1,646,305. DISPLAY STAND. WALTER F. MEYERS, Chicago, Ill., assignor to Forbes Lithograph Manufacturing Company, Boston, Mass., a Corporation of Massachusetts. Filed Aug. 1, 1923. Serial No. 655,019. 8 Claims. (Cl. 40—146.)



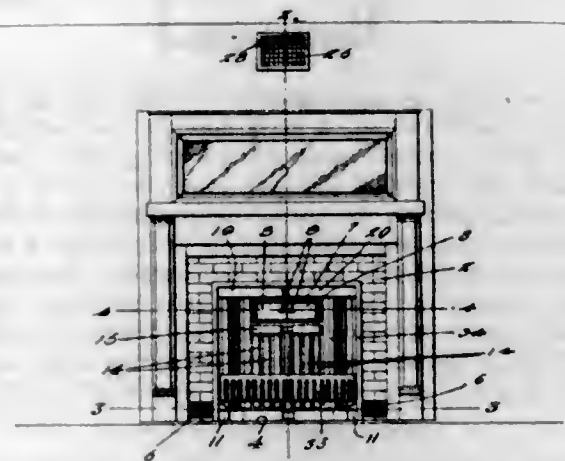
6. A support for holding a sheet for display comprising a set of arms lying along the edges of a polyhedral angle and means for stretching a sheet between the arms to subtend the angle comprising on one or more of the arms a sleeve embracing the same and slidably adjustable longitudinally of the arm but obliquely to the plane of the sheet, said sleeve having a hook to engage the sheet provided with a bill facing inward toward the arm which carries it.

1,646,306. AUTOMATIC BRAKE CONTROL. ROBERT L. MILTON, St. Paul, Minn. Filed Jan. 31, 1927. Serial No. 164,921. 6 Claims. (Cl. 246—172.)



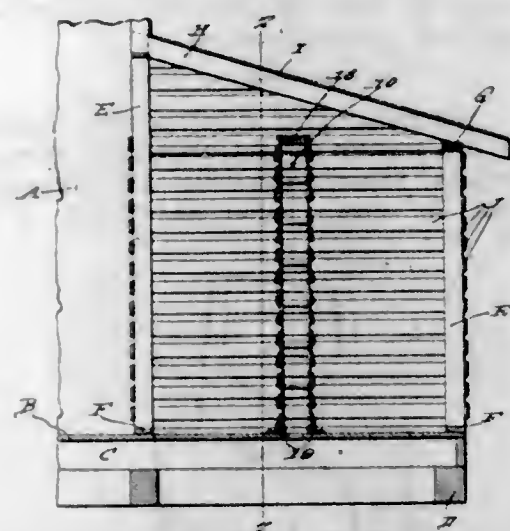
1. In an air brake system for railway cars, a normally closed valve adapted to be connected in the air line, a fragile closure for said valve and means including in the valve and operable by the bumping of the car in the event the wheels of the latter leave the rails to act on said closure and open the valve.

1,646,307. FIREPLACE CONSTRUCTION. WALTER A. MOFFAT, Meridian, Miss. Filed Jan. 4, 1924. Serial No. 684,398. Renewed Mar. 16, 1927. 2 Claims. (Cl. 126—121.)



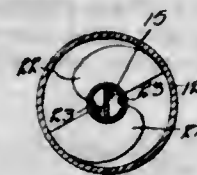
1. The combination of a fireplace and a hot air heating system associated therewith, said fireplace having an opening communicating with the smoke flue therefor, draft doors controlling the opening, a cold air conducting duct made up of angle members whose upper walls are inclined and which are adjustably associated, said duct conforming to the shape of the fireplace and resting on the hearth thereof, the fireplace having air passages communicating with the sides of the duct, a main header comprising telescopically associated hollow members arranged against the top wall of the fireplace, filling the same and conforming to the shape thereof, conductor tubes between the sides of the air duct and the ends of the header, other and larger tubes at the inner corners of the air duct and the header, an auxiliary header comprising telescopically associated sections disposed below the draft doors, auxiliary tubes between the inner portion of the air duct and the auxiliary header, pipe sections between the auxiliary header and the corner tubes, a heat conducting pipe connected with the first mentioned header, a register between the wall of the room and the flue of the fireplace with which said pipe connects, and a damper movable in said register for directing the heat through the register into the room or for directing the heat into the flue.

1,646,308. CORNCRIB CONSTRUCTION. ERNEST B. NELSON, Burchinal, Iowa. Filed Jan. 15, 1927. Serial No. 161,402. 3 Claims. (Cl. 98—54.)



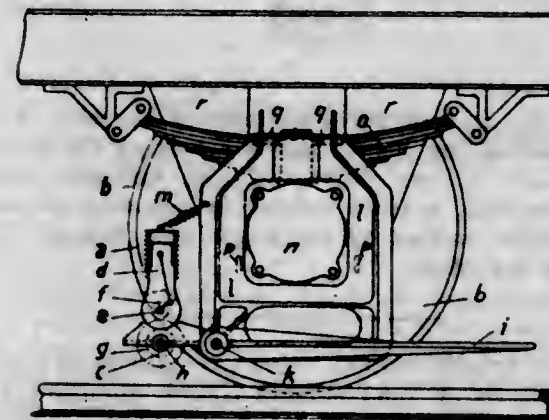
1. In a corn crib or the like, a ventilating structure comprising spaced pairs of uprights, means for mounting the uprights upon the floor of the corn crib or the like, spreader means connecting the uprights for maintaining them in spaced parallel relation, and a plurality of vertically spaced strips carried by the uprights, the uprights being provided with open topped angular bracket members for supporting said spaced strips.

1,646,309. GOLD SEPARATOR. SCHUYLER NILES, Washington, Wash. Filed July 2, 1925. Serial No. 41,189. 2 Claims. (Cl. 209—188.)



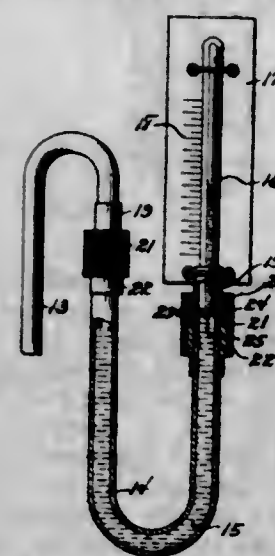
1. The combination of a tank, a hopper above said tank having its lower end forming a casing terminating closely adjacent the bottom of the tank, a spiral conveyor extending through said hopper and casing and having spreader blades at its lower end extending downwardly between the end of the casing and the bottom of the tank, said spreader blades fitting snugly against the lower end of the casing and the bottom of the tank but having small openings between the blades permitting a small amount of material to be fed from the lower end of the casing to a point beneath the spreader blades, substantially as set forth.

1,646,310. MOVEMENT OF VEHICLES. MAX OSTHOFF, Cottbus, Germany. Filed Sept. 28, 1925. Serial No. 59,098, and in Germany Oct. 7, 1924. 8 Claims. (Cl. 105—112.)



1. Means for moving wheeled vehicles, the said means comprising a friction roller, means for pressing said roller into contact with one of said wheels, mechanically driven gearing rotating said roller, a two-armed pivoted lever, on one arm of which said roller is mounted and a weight displaceable on the other arm of said lever.

1,646,311. DEPTH INDICATOR. CHARLES H. PAGE, Hatchelubbee, Ala. Filed Aug. 2, 1926. Serial No. 126,704. 1 Claim. (Cl. 73—31.)

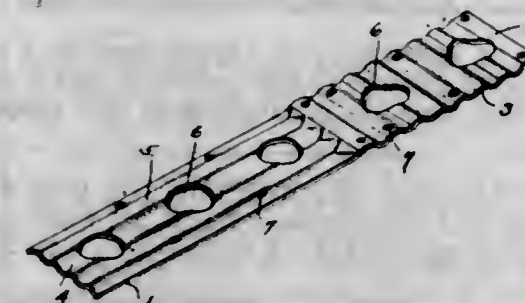


A page of the character described comprising an air pressure pipe, a substantially U-shaped liquid containing pipe, means for coupling one end of the last mentioned

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pipe to the adjacent end of the air pressure pipe, a plate having graduations thereon, a transparent tube supported on the plate, a sleeve surrounding the lower end of the tube and formed with an annular flange, spaced washers arranged between the tube and the adjacent end of the U-shaped pipe, a disk arranged between said washers and having a restricted central opening, and a coupling sleeve connecting the lower end of the tube with the adjacent end of the U-shaped pipe and reposing on said flange.

1,646,312. TILE LOCK. L. B. CHOC PERKINS and RAY H. DOBBS, Oklahoma City, Okla. Filed Sept. 24, 1926. Serial No. 137,526. 3 Claims. (Cl. 72—103.)



3. In a device of the class described, a strip provided at one end with longitudinal corrugations, and at the other end with transverse corrugations, all of the corrugations being of substantially the same height, each end portion of the strip being supplied with openings of sufficient size to afford a mortar clinch.

1,646,313. DISPENSING DEVICE. HUGH A. PERRY and JAMES MILNARE, Chicago, Ill. Filed Dec. 2, 1925. Serial No. 72,734. 3 Claims. (Cl. 211—31.)

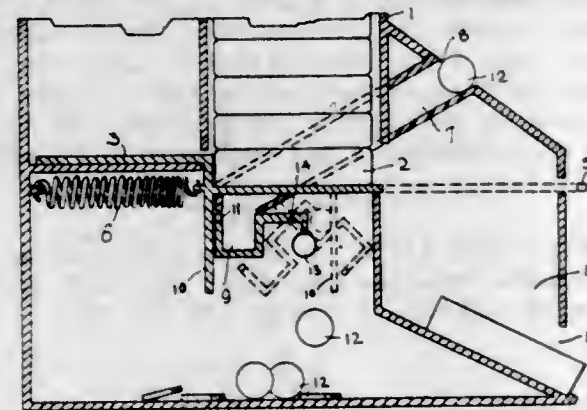


1. A dispensing device of the class described comprising a casing having an opening in one side through which the material to be dispensed may be inserted, a closure plate for said opening, supporting means for said plate, a slotted guide projecting from said casing through which the material is designed to be withdrawn, the inner transverse edge of said guide cooperating with said plate-supporting means to define a pocket for one edge of said closure plate and movable means engageable with said closure plate for removably holding it in said pocket.

1,646,314. HANDKERCHIEF-VENDING MACHINE. ALBERT PROBST, Los Angeles, Calif. Filed Sept. 23, 1925. Serial No. 58,095. 2 Claims. (Cl. 194—39.)

1. A coin controlled locking means for a reciprocating ejector comprising a receptacle, a counterpoise for said receptacle, a lever arm connecting said receptacle and said

counterpoise, said lever having a right angle bead between its point of fulcrum and said counterpoise so constructed as to prevent the lever from swinging clear over



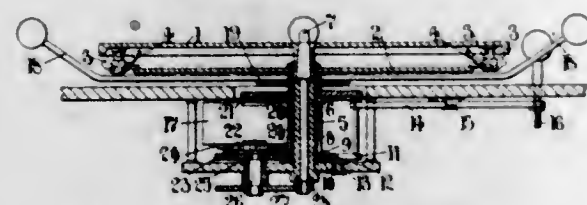
even though it should pass the vertical position, a reciprocating ejector adjacent to said receptacle, and a means on said ejector to engage in extension on said receptacle.

1,646,315. MAIL-BAG EJECTOR FOR TOY RAILWAYS. FREDERICK J. PULLIS, Jersey City, N. J. Filed Apr. 9, 1926. Serial No. 100,938. 3 Claims. (Cl. 258-6.)



1. A mail bag ejecting device for toy railway cars, comprising a trough-like bag receiving member, a base to which the same is pivotally connected, means for detachably connecting the base with the car, an extension on said member projecting through the door of the car and having a depending leg provided with an outturned horizontal foot, a trip clip detachably carried by the foot, a ramp detachably connected with the railway track and disposed alongside thereof in the path of movement of the trip clip for engagement thereby to swing the trough-like member to an angular position for gravitationally ejecting a bag.

1,646,316. GRAMOPHONE. ERNEST LOUIS RANKIN, London, England, assignor of one-half to Charles William Whitmore Hanbridge, London, England. Filed Feb. 25, 1925, Serial No. 11,565, and in Great Britain Mar. 1, 1924. 9 Claims. (Cl. 188-187.)

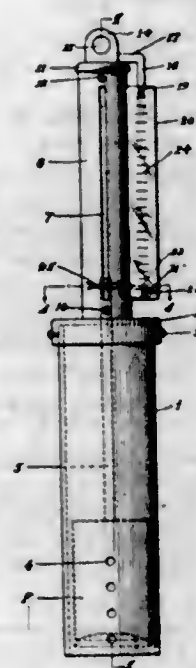


1. A gramophone comprising a frame, a plate carried by the frame, a tubular casing mounted on said plate, a spindle supported in said casing, means for rotating the spindle, a record carrying table mounted upon the spindle, a sleeve slidably mounted upon said sleeve and arranged beneath the record carrying table, arms pivotally mounted upon the record table, and leaves carried by said arms and movable into contact with a governor plate to retard the speed of the record carrying table.

1,646,317. LIQUID GAUGE. EDWARD A. REIN, Seaside Heights, N. J., assignor of one-third to Howard W. Irwin and one-third to Anthony F. Ledy, Seaside Heights, N. J. Filed Aug. 19, 1926. Serial No. 130,289. 1 Claim. (Cl. 73-82.)

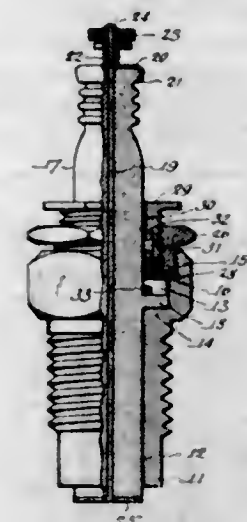
A gauge comprising a tubular member, a slip cap applied to the end thereof, means for fixing the slip cap,

a rod slidably mounted in the slip cap, a float carried by the rod and housed in the tubular member, a sleeve mounted upon said cap and provided at its side with a vertically disposed slot, a finger carried by the rod and extending through said slot, said sleeve being provided at its side with an extension arm disposed at a right



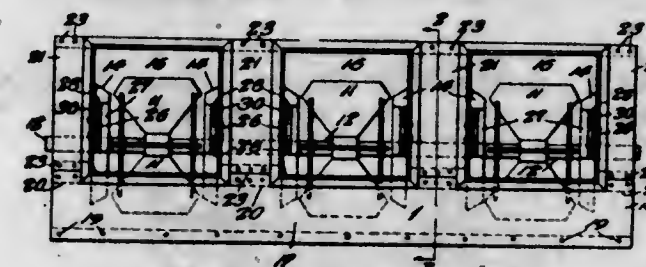
angle to the median vertical plane of the slot, a plug cap inserted in the sleeve, means for fixing the plug cap with relation to the sleeve, an arm extension carried by the plug cap, a plate carried by the arm extensions and a pointer carried by the finger and disposed transversely of the plate.

1,646,318. SPARK PLUG. EDWARD ALBERT SCHNEIDER, New York, N. Y., and MORRIS HERTZ, Stamford, Conn. Filed Oct. 27, 1926. Serial No. 144,568. 2 Claims. (Cl. 123-169.)



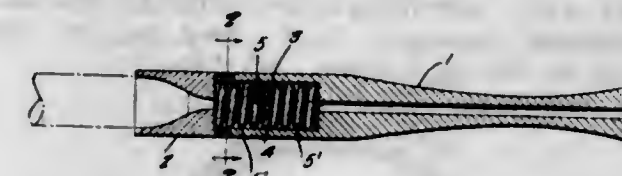
1. A spark plug comprising a metallic shell which provides a ground electrode and a shoulder; an insulator core extending through said shell, said core having a collar, an electrode extending through said core, a disk of conducting material on the lower end of said electrode extending through the core, a clamping nut adjustably associated with said shell, a compression nut adjustably associated with said clamping nut, and a spring between the collar on the core and the compression nut, the collar engageable with the shoulder of the shell to limit the downward movement of the core, said spring allowing said core to move upwardly so that the circumferential edge of the disk will move in contact with a portion of said shell and thus be wiped clean.

1,646,319. FAN-HOUSING CONSTRUCTION. CLARENCE E. SCOTT, Norristown, Pa., assignor to York Heating and Ventilating Corporation, Philadelphia, Pa., a Corporation of Pennsylvania. Filed May 17, 1927. Serial No. 192,086. 6 Claims. (Cl. 230-133.)



1. A casing structure comprising a fan housing provided with an outlet, said housing having end walls provided respectively with inlets, a shaft passing through said inlets, a fan on said shaft, and means permitting said shaft and fan to be removed as a unit through said outlet.

1,646,320. CIGAR AND CIGARETTE HOLDER. HUBERT L. SHULER, Orangeburg, S. C. Filed Aug. 16, 1926. Serial No. 129,539. 1 Claim. (Cl. 131-10.)



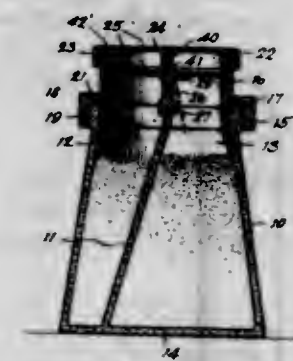
A holder for cigars or cigarettes comprising a mouth-piece section having a reduced exteriorly threaded end with a chamber opening out through said end, a second section having a socket in its inner end threaded to receive the threaded portion of the first section, said second section closing the chamber, said second section having a passage therein communicating with the chamber and having its mouth enlarged to receive a cigar or cigarette, a partition in the chamber dividing the same into two parts and having a central opening therein and a coil in each chamber composed of absorbent material placed on a wire coil.

1,646,321. ATTACHMENT FOR GAS ENGINES. PAUL FRED SIEGMANN, San Antonio, Tex. Filed Oct. 24, 1924. Serial No. 745,695. 3 Claims. (Cl. 128-180.)



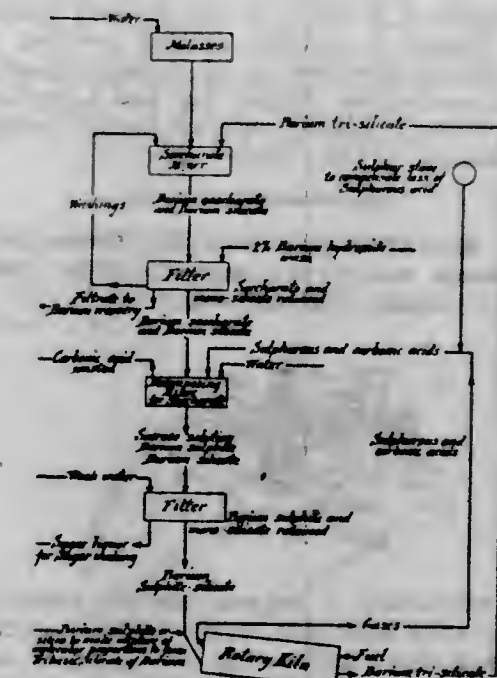
1. A device of the character described comprising an atomizer plate having a central aperture and a depending tubular portion means for securing said plate in operative position between the carburetor and manifold of a gas engine, said plate having an annular groove partly encircling the walls of said aperture and communicating with the inner end of the tubular portion, a bridge formed integrally with the plate traversing said groove, a vaporizer tank having a fuel feed line near the top thereof, an air intake in said feed line, means within the tank for intimately mixing air and fuel, and means connecting the tubular portion of the atomizer to the lower portion of the tank.

1,646,322. CONDIMENT HOLDER. WILLIAM PHILLIP SMITH, Tucson, Ariz. Filed June 4, 1926. Serial No. 113,717. 4 Claims. (Cl. 65-45.)



1. In a condiment holder, a body having a closed lower end and an open upper end, a partition sub-dividing the body into compartments for separately containing different condiments, a head comprising a cylindrical wall mounted on the upper open end of the body, a clamping ring detachably associating the head with the body, a partition in the lower end of the head, having a grooved lower end fitting over the body partition, valve leaves having aligned bearing knuckles seated on the upper end of said head partition, means underlying the valve leaves for normally swinging the same upwardly to a closed position, internal abutment elements in the head for limiting the upward movement of the valve leaves, extensions formed on the valve-bearing knuckles disposed exteriorly of the head for swinging the valve leaves to an open position, a perforated after cap detachably associated with the upper end of the head, and means adjustably clamped between the cap and the upper portion of the valve-bearing knuckles for holding the same in place, regulating the frictional bearing of the same, and for subdividing the upper portion of the head into compartments corresponding to the lower portion and to the body compartments.

1,646,323. PROCESS OF DESUGARING MOLASSES. GUILFORD L. SPENCER, Herricks, Me., assignor to The Cuban-American Sugar Co., New York, N. Y., a Corporation of New Jersey. Filed Oct. 31, 1923. Serial No. 671,947. 9 Claims. (Cl. 127-47.)

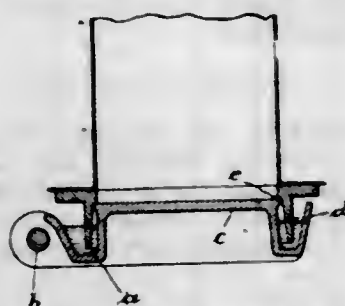


- 1,646,324. LIQUID DISPENSER AND APPLICATOR. ROBERT STEWART, New York, N. Y. Filed Nov. 9, 1926. Serial No. 147,239. 4 Claims. (Cl. 215-73.)



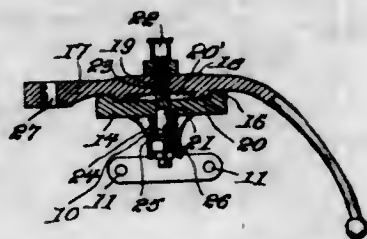
1. A liquid dispenser including a container having an outlet opening in one end thereof, a rubber cap rotatable on said end, normally sealing the outlet opening and having a slot therein adapted to be optionally aligned with said outlet opening as the cap is rotated, said distortable cap including means interfitting with the outlet opening to positively seal the outlet.

- 1,646,325. CLOSURE FOR VERTICAL RETORTS. PAUL GERHARD STRASSMANN, Crefeld, Germany. Filed Nov. 2, 1925, Serial No. 66,415, and in Germany May 31, 1924. 1 Claim. (Cl. 202-14.)



In combination, a retort having a lower closure ring, said ring having an annular packing shoulder thereon, a hinged door member having an annular trough portion adapted to receive the closure ring and a sealing liquid, said door having a central elevated portion engaging the packing shoulder of the closure ring.

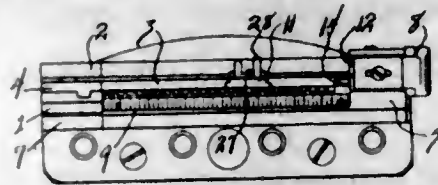
- 1,646,326. MOVABLE HEADLIGHT. FREDERICK BETTON Sugg, Ozark, Ala. Filed Aug. 11, 1924. Serial No. 731,415. 1 Claim. (Cl. 240-62.)



In an automobile, a bearing bracket secured to the automobile upon each side of the radiator, each of the brackets including a horizontally disposed plate having an opening therein, a lamp carrying arm mounted for horizontal swinging movement upon each of the brackets, an apertured bearing plate for each arm, the apertured plates of the arms being adapted to be arranged in opposed relation to the plates of the brackets, annular bearing ribs

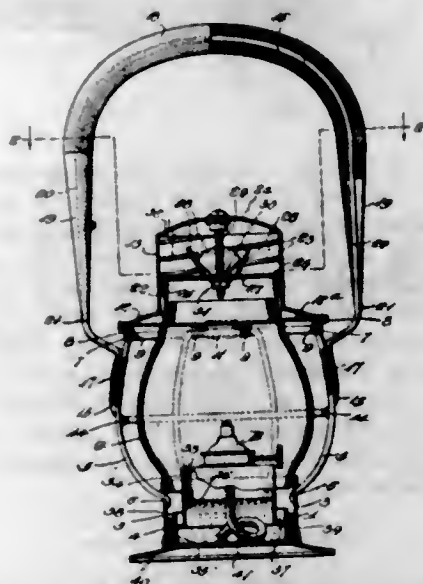
upon the opposed faces of the plates providing a lubricant chamber, pivot bolts extending through the openings of the plates and having lubricant passages therein communicating with the lubricant chambers, springs mounted upon the bolts to provide yieldable frictional engagement between the ribs of the plates and means connecting the lamp carrying arms with the steering mechanism.

- 1,646,327. MOLD-LINER GAUGE. CLAUDE E. SYLER, Fort Worth, Tex. Filed Apr. 14, 1927. Serial No. 183,797. 4 Claims. (Cl. 29-84.)



1. A mold liner gauging device comprising a supporting guide adapted to be attached to type casting molds and provided with a scale thereon, and provided with parallel grooves, a liner setter for grasping a liner and inserting the same in the mold groove of a type casting mold and provided with ribs on the underside thereof for running in said grooves, and means operatively connected to said guide for adjusting a liner in said mold groove.

- 1,646,328. SWITCHMAN'S LANTERN. HOWARD C. SYLVESTER, Bakersfield, Calif. Filed Aug. 24, 1925. Serial No. 52,117. 5 Claims. (Cl. 240-38.)

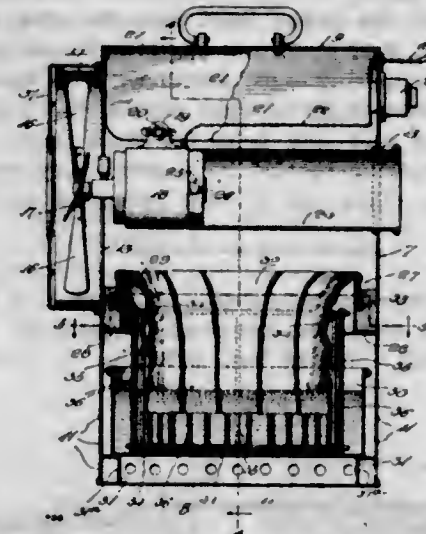


1. A lantern comprising a globe-containing frame having a circular wall at its upper end and a cap secured to said wall, a horizontal plate within the confines of said wall and having a downwardly projecting globe holding flange, the portion of the wall above said plate being perforated, said plate having a plurality of heat escape openings spaced around its center and being provided at the inner edges of said openings with outwardly inclined baffles, a threaded stem projecting rigidly downwardly from the center of the aforesaid cap and passing through an opening in said plate, a spring for urging said plate downwardly, and a nut threaded removably on said stem under said plate to permit the same to be lowered and to limit its downward movement when the globe is removed from the lantern.

- 1,646,329. HUMIDIFIER. TOMMY D. ULBACH, Sharpsville, Ind., assignor of one-half to Lydia M. Gerber, Argenta, Ill. Filed Dec. 24, 1925. Serial No. 77,617. 4 Claims. (Cl. 261-107.)

1. In a humidifier, a casing adapted to direct a current of air therethrough, said casing having air inlet means in its lower portion and air outlet means in its upper portion, a water trough around the casing wall, a water

pan removably supported in the lower portion of the casing and spaced therefrom, a reticulate absorbent sleeve surrounded by said trough and having its upper end



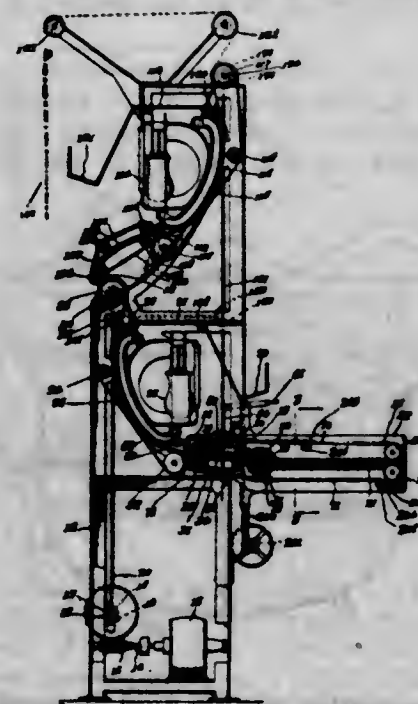
turned downwardly into the trough, the lower end of said sleeve being disposed in said pan and means for creating a current of air through the device.

- 1,646,330. DENTAL MANDREL. RICHARDSON H. TAYLOR, Meeker, Colo. Filed Sept. 17, 1926. Serial No. 136,079. 2 Claims. (Cl. 32-13.)



1. A dental mandrel comprising a shank provided at one end with an integrally formed head of larger diameter, said head having a depression with conical sides, said mandrel having a threaded axial opening extending inwardly from the bottom of the depression and a screw threadedly connected with the side of the opening, said screw having a head whose side is formed by a conical surface which conforms in shape to the inner surface of the depression and which is adapted to cooperate with the latter to clamp and hold a grinding disk.

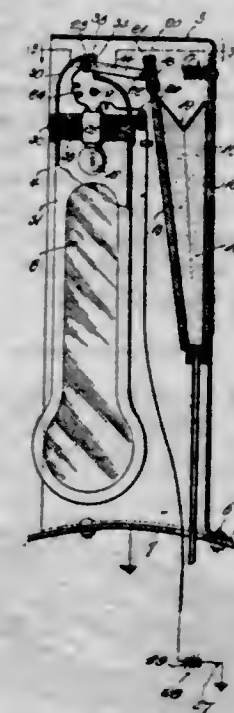
- 1,646,331. BLUE-PRINTING MACHINE. FREDERICK JAMES TRUMPOUR, Forest Glen, Md. Filed July 21, 1926. Serial No. 124,046. 19 Claims. (Cl. 95-75.)



1. A blue printing machine comprising an assembly and feeding station for initially assembling two tracings and a

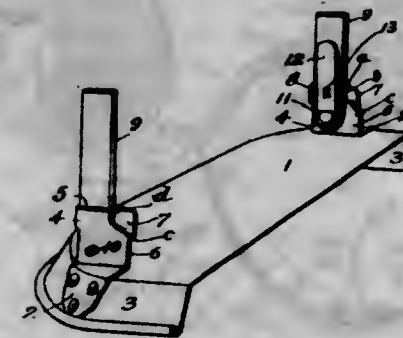
sheet of blue print paper sensitized on both sides with the tracings on opposite sides of the blue print paper, an initial exposure station past which the two negatives and blue print paper are moved together for printing one side of the blue print paper from one of the tracings, and a second exposure station for receiving the blue print paper and other tracing for printing upon the opposite side of the blue print paper the contents of the second tracing.

- 1,646,332. AUTOMOBILE SIGNAL. FREDERICK C. WHITMORE, New York, N. Y. Filed Apr. 1, 1926. Serial No. 99,106. 2 Claims. (Cl. 177-329.)



1. A signaling device comprising a casing having an open outer side, a signaling arm pivotally mounted in said casing for movement through said open side, a bellows secured in the casing between the inner side wall of the latter and said signaling arm and having a stationary and a movable side wall, the stationary and movable side walls of said bellows being projected beyond the flexible portion of the latter, coating contacts carried by said projecting portions of the stationary and movable bellows walls and adapted to contact when the bellows is collapsed, a metallic link connecting the movable bellows wall with the signal arm for projecting the latter when the bellows is collapsed, said link having electrical connection with the movable contact, an illuminating bulb for the arm, and means coactive with said contacts and link for completing the circuit of said bulb when the bellows is collapsed and the arm projected.

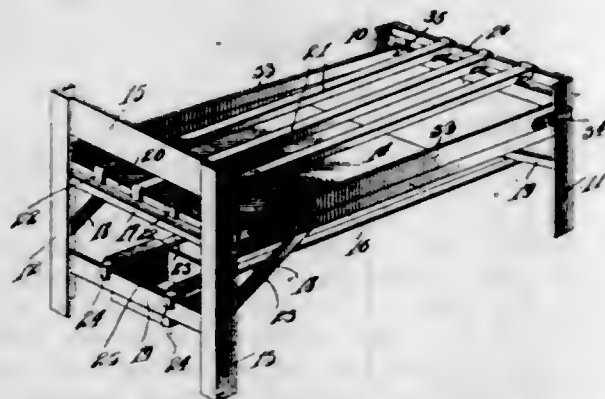
- 1,646,333. SERVICE TRAY. GEORGE E. WHITNEY, Bridgeport, Conn., assignor to Samuel Zimmer, Bridgeport, Conn. Filed Nov. 12, 1926. Serial No. 148,017. 3 Claims. (Cl. 45-11.)



1. A service tray comprising a tray proper having corners, two sets of fixtures secured to the bottom of the four corners of the tray, one set at each end of the

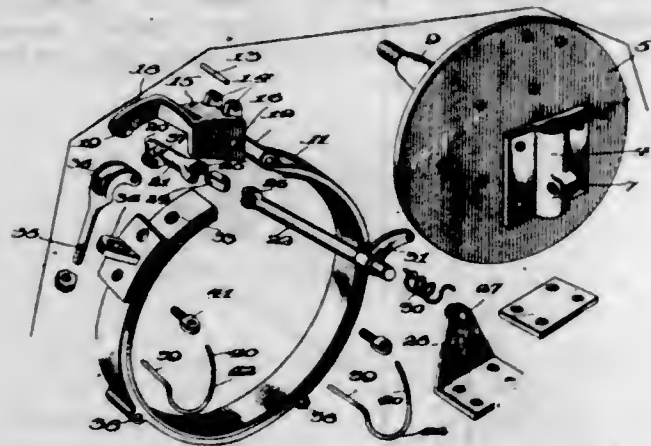
tray, said fixtures comprising depending brackets having vertically disposed recessed portions in their lower outer ends and horizontally disposed recessed portions at their inner upper ends, the stock of the brackets intermediate said recesses being forced inwardly, one of said vertically disposed recessed portions of each set of brackets having its side walls extending substantially at right angles to the back wall, the inner of said side walls terminating in a beveled portion that leads to said inwardly forced part of the brackets, while the outer wall of the horizontally disposed recessed portion is inclined and also leads to said inwardly forced part of the brackets, a leg element for each of the brackets, a pivot pin secured intermediate its ends to each of the leg elements having a head on one end and having its opposite end loosely received in an opening provided therefor in the bracket, and a lever pivoted to said pin intermediate the leg and head and having a test projecting from its inner face and extending freely through an opening provided therefor in the leg adapted to contact with said bracket, whereby movement of the lever in one direction will force its pivoted end outwardly against said head and withdraw the leg from said rectangular recessed portion to a position opposite the bevel leading into said portion and thereby enable the leg to be folded.

1,646,334. CHICKEN ROOST. AMOS C. WOLLENHAUPT, San Antonio, Tex. Filed Feb. 18, 1927. Serial No. 169,290. 4 Claims. (Cl. 119—22)



1. A roost comprising a supporting frame including legs and flanged connecting bars, certain of the flanges of the connecting bars being located in a horizontal plane, a dropping board having its edges resting upon the adjacent flanges of the connecting bars, brace bars connecting the legs at the ends of the frame, and rails removably connected with the brace bars, and nests removably supported on the frame below the dropping board.

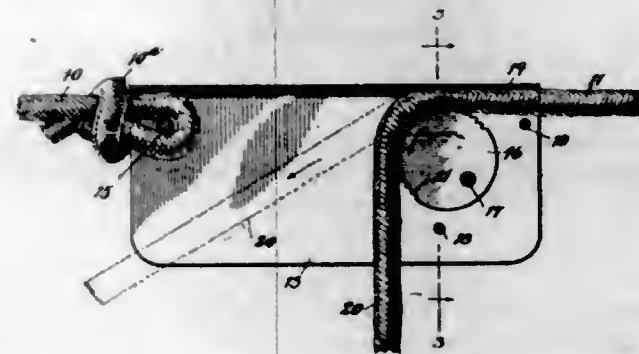
1,646,335. FOUR-WHEEL BRAKE. ALVIE CLIDE WOODRUFF, Oakridge, Oreg. Filed Dec. 10, 1924. Serial No. 754,926. 2 Claims. (Cl. 188—194.)



1. In a vehicle, a steering wheel brake mechanism comprising a brake drum closure plate having a wheel spindle and adapted to be supported by a steering knuckle

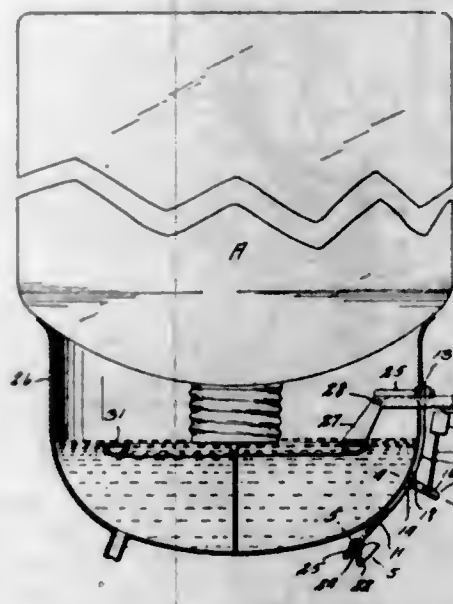
assembly, a block secured to the plate and overhanging the brake drum, a rock shaft having one end journaled by the block, a brake band with one end pivotally connected to the block, a link connection between the remaining end of the brake band and the rock shaft, an operating shaft, said operating shaft and rock shaft having bifurcated opposing ends, a link with its ends pivoted in said bifurcated ends of said shafts, the axes of the pivot points of said link being at right angles to each other, and a bearing carried by a stationary part of the vehicle for the other end of said operating shaft.

1,646,336. LINE TIGHTENER. MATTHEW A. ALFANO, Garfield, and STEPHEN BOHENEK, Passaic, N. J. Filed Apr. 27, 1927. Serial No. 187,030. 1 Claim. (Cl. 24—134.)



In a line tightener of the class described, a sheet of metal bent to provide a pair of spaced parallel integrally connected plates, an eccentric freely rotatably mounted between the plates adjacent one end thereof, means for anchoring a rope end to the other end of the plates, and means limiting the rotary movement of the eccentric in both directions, said means comprising a pair of pins on opposite sides of the eccentric, one pin limiting the gravitational dropping of the eccentric when out of contact with the other end of the line passed between the eccentric and the intermediate portion of the sheet, the other pin preventing movement of the eccentric to inoperative position beyond the ends of the plates.

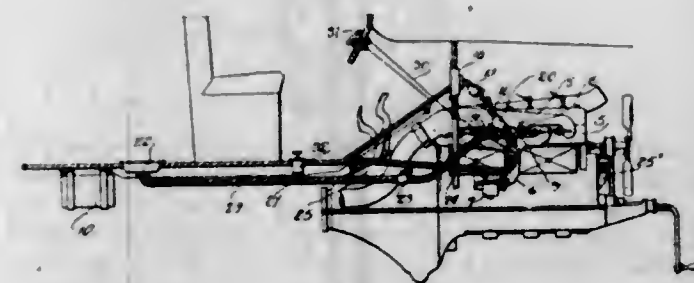
1,646,337. OIL-RESERVOIR ALARM FOR COOK STOVES. JOSEPH H. ALLEN, Chandler, Ariz. Filed Apr. 23, 1927. Serial No. 186,150. 7 Claims. (Cl. 116—109.)



4. The combination with the bowl of an oil stove reservoir, of a frame disposed upon the exterior of the bowl, a bell supported by the frame, a clapper pivotally sup-

ported by the frame, a lever mounted upon the wall of the bowl and having a portion extending through the wall of the bowl and serrated to engage said clapper and hold the clapper raised, the inner end of the lever being extended downward toward the bottom of the bowl and being provided with a float, the frame having means whereby the pivotal center of the clapper may be adjusted and whereby the bell may be adjusted toward or from the clapper.

1,646,338. TEMPERATURE CONTROL FOR INTERNAL-COMBUSTION MOTORS. ALBERT H. ALLERHEILIGEN, CHRIS ERICHSEN, and LEWIS F. CRAIN, Missouri Valley, Iowa. Filed Mar. 30, 1925. Serial No. 19,399. 2 Claims. (Cl. 123—122.)

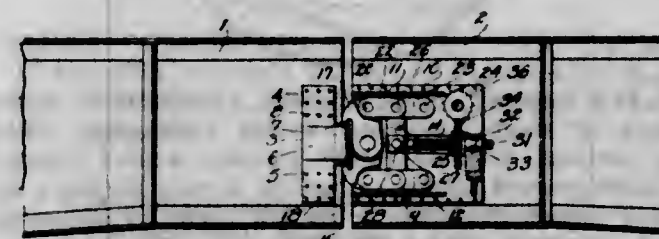


1. A heater for auxiliary air of internal combustion motors comprising a casing having a connection with an intake manifold, a connection with the interior of a crank case and a connection with a heating register, a conduit extending through the casing and adapted to be connected to the exhaust manifold of an internal combustion motor, whereby the radiation from the exhaust heats air delivered to the intake manifold, and a primary heating element in the said casing operative to initially heat air delivered to the intake manifold prior to the heating of said air from the exhaust of said motor, as and for the purpose described.

1,646,339. PROCESS FOR RESOLVING WATER-IN-OIL EMULSIONS. EUGENE E. AYERS, Jr., Chester, Pa., assignor to The Sharples Specialty Company, Philadelphia, Pa., a Corporation of Delaware. Filed Apr. 2, 1921. Serial No. 458,125. 3 Claims. (Cl. 196—4.)

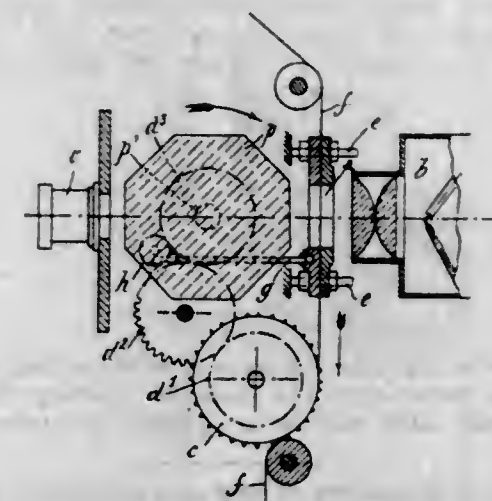
1. The process of resolving water-in-oil emulsions which consists in adding to the emulsion under treatment sufficient gelatine to coalesce the water dispersed in the oil.

1,646,340. CENTER LOCK FOR BASCULE BRIDGES. LOUIS R. ASH, Kansas City, Mo. Filed Sept. 7, 1926. Serial No. 133,755. 7 Claims. (Cl. 14—41.)



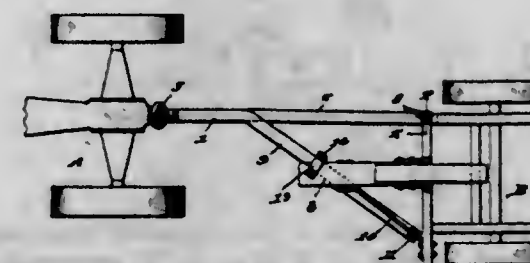
1. In combination with separate bridge span members, one movable relative to the other, a stop on one of the members, a pair of jaws axially mounted on the other member to close against the stop, a pair of toggle links for each jaw member, one connected with the jaw member and the other with the span member, spreading levers for the toggle links, and an actuator for the spreading levers.

1,646,341. CINEMATOGRAPHIC APPARATUS ADAPTED FOR THE CONTINUOUS TRAVEL OF THE FILM. CLAUDIO BARADAT, Barcelona, Spain. Filed Sept. 8, 1925. Serial No. 55,025, and in Spain Sept. 22, 1924. 5 Claims. (Cl. 88—16.8.)



1. In apparatus for cinematographic projection, film feeding means and a prism rotated in synchronism with said means, in combination with means synchronized to said prism to move the film to and from the prism.

1,646,342. HITCH. CARL A. BARRY, Sutherland, Iowa. Filed Sept. 24, 1926. Serial No. 137,580. 1 Claim. (Cl. 280—33.44.)

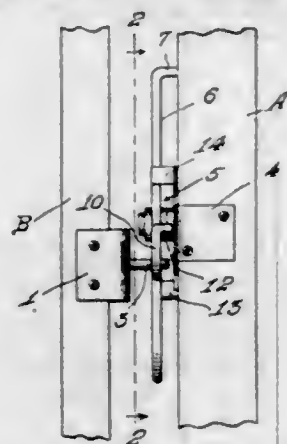


In combination with a tractor and an implement to be drawn thereby, said implement having a cross beam and a centrally disposed tongue, draft means comprising a pair of I-beams connected together from one end to an intermediate point, one of the beams being straight and the other being bent laterally and rearwardly at an angle to the straight beam, said beams having means for connecting them to a tractor, and means for connecting them to the implement, said latter means comprising a brace extending from the tongue to the cross-beam, clamps connecting the angle beam to the brace, beveled blocks having a sliding connection forming a connection between the tongue and angled beam, and a hinge connection between the straight beam and cross-beam.

1,646,343. LATCH. PETER J. BELTZ, Stillwater, Minn. Filed Dec. 3, 1926. Serial No. 152,466. 2 Claims. (Cl. 292—202.)

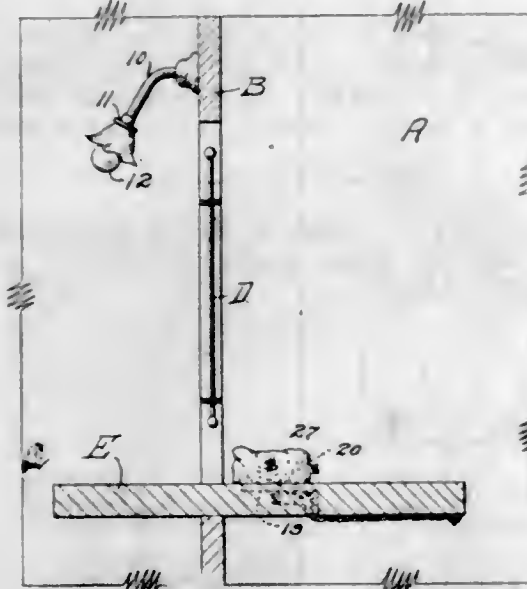
1. A latch of the character described comprising a fulcrumed latch member, an arm included in said latch member, a latch arm formed with said latch member and being provided with a cam surface, a lever formed with said latch member and being oppositely disposed with respect

to the arm first mentioned, said lever being provided with a cam surface terminating at its inner end into a recess disposed at right angles to the cam surface, a keeper



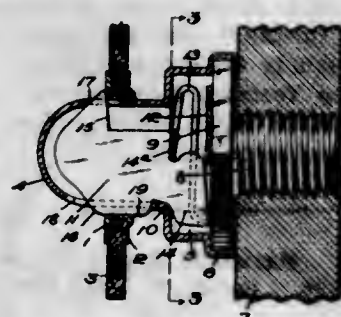
adapted for cooperative engagement with the cam surfaces and recess respectively, and stops for limiting the movement of said latch member in opposite directions.

1,646,344. PROTECTIVE APPARATUS FOR BOMBS. ARTHUR E. BEROQUIST, Lindstrom, Minn. Filed Sept. 30, 1925. Serial No. 59,704. 2 Claims. (Cl. 102-1.)



1. In a protective device of the character described, an explosive bomb located at a point to be protected, said bomb being in a disguised form containing a disabling gas, a circuit including a source of current connected with the bomb, a circuit closer interposed in the circuit at a protected point, and a weighted decoy at the protected point normally acting upon the circuit closer to maintain the circuit open.

1,646,345. FASTENER. FRED S. CARR, Newton, Mass., assignor to Carr Fastener Company, Cambridge, Mass., a Corporation of Maine. Filed Dec. 20, 1924. Serial No. 757,156. 7 Claims. (Cl. 24-211.)



1. A stud and socket fastener comprising, in combination, a grommet secured to a flexible socket-carrying medium, a stud secured to a rigid support and presenting a hollow shank, a shoulder integral with said shank, a latch pivoted upon said shoulder, said latch being wider ad-

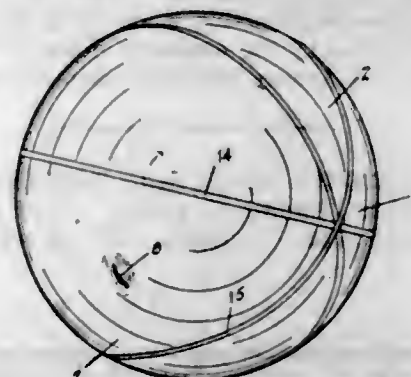
jacent the outer end of the shank than the diameter of the shank, cam means provided at one edge of said wide portion and a locking shoulder provided at the opposite edge for preventing separation of the fastener except by a pull adjacent to said cam means, and a spring for positioning said latch upon said shoulder, thereby to provide a pivot about which said latch may swing when engaging and disengaging said grommet.

1,646,346. CROSS-CHAIN HOOK OPENER AND CLOSER. JESSE CHENOWETH, East Salt Lake City, Utah. Filed June 10, 1926. Serial No. 115,043. 4 Claims. (Cl. 81-15.)



1. A chain tool comprising a standard having its upper end formed by a rigid upstanding bar, said bar having a chisel-like member at its upper end, a shank slidably engaging an edge of said bar and having a yoke slidably surrounding the latter, an arm projecting laterally from the upper end of said shank and having a downturned chisel-like member co-operable with the first named member to open the hook of a cross chain, and means for downwardly pulling said shank.

1,646,347. PLAY BALL. CLARENCE C. COLLETTE, Amsterdam, N. Y. Filed May 11, 1927. Serial No. 190,401. 5 Claims. (Cl. 273-65.)



3. In a play-ball, a casing having a plurality of sectors formed of sheet fabric and having overlapping folded edge portions, the folded edge portions secured together by outside sewed seams, one of the sectors having a slit formed therein, the edges of the slit bound by buttonhole stitch extending around the edge of the slit, a toy play-balloon located within the casing, the neck of the balloon extending through the slit.

1,646,348. PACKAGE OPENER. CHARLES CONRAD CROCKER, Newark, N. J., assignor of one-half to Sidney J. Wolff, New York, N. Y. Filed Aug. 9, 1926. Serial No. 128,208. 1 Claim. (Cl. 131-59.)

A device for opening a package of cigarettes comprising a casing and a base, the casing having a horizontal

opening at its junction with the base so that a package of cigarettes can be placed on the base with one end extending into said opening, said base having a vertically arranged slot therein under the casing, a stop on the base a slight distance in rear of the slot for positioning a package of cigarettes on the base with a portion of one

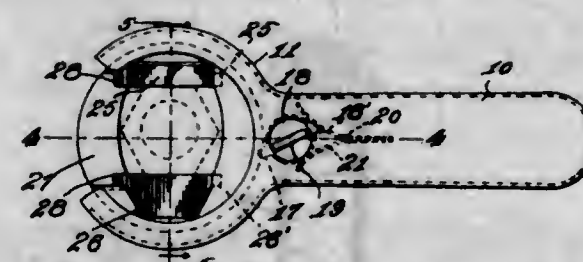


end over the slot, a vertically movable knife in the casing and adapted to pass through the opening into the slot for cutting an end part of one end of the package to leave it flat, a stem connected with the knife and projecting from the top of the casing and a spring for normally holding the knife in raised position.

1,646,349. THERMAL DECOMPOSITION OF HYDROCARBONS. GEORGE O. CURME, Jr., Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation, a Corporation of New York. Filed Jan. 7, 1926. Serial No. 79,896. 6 Claims. (Cl. 260-170.)

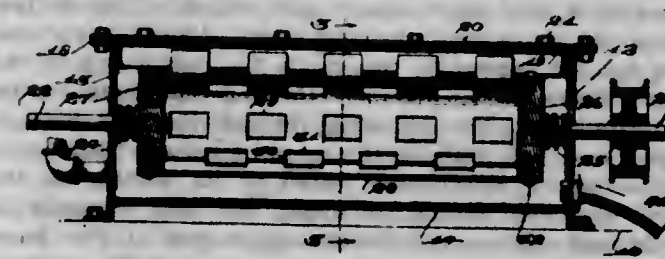
1. The process which comprises thermally decomposing hydrocarbons while the latter are in contact with an alloy consisting predominantly of chromium and iron.

1,646,350. RATCHET WRENCH. ANDOR DE HERTELENDY, Washington, D. C. Filed Aug. 9, 1926. Serial No. 128,216. 6 Claims. (Cl. 81-63.)



1. In a wrench, jaw mounting means, a plurality of eccentrically mounted jaws, angular in cross-section, and carried by said means, and detachable means providing a segmental bridging element between the outer ends of the jaws, for retaining the jaws in an adjusted position.

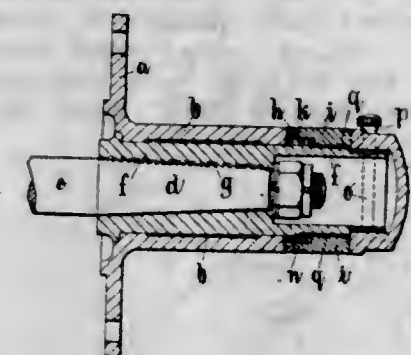
1,646,351. FLOTATION MACHINE. FRED DE MIER, Picher, Okla., assignor to William A. Butchart, Joplin, Mo. Filed Dec. 29, 1925. Serial No. 78,198. 3 Claims. (Cl. 259-136.)



1. In a flotation machine, a casing, a cylinder in the casing, the cylinder being provided with a plurality of openings disposed longitudinally of said cylinder, a blade

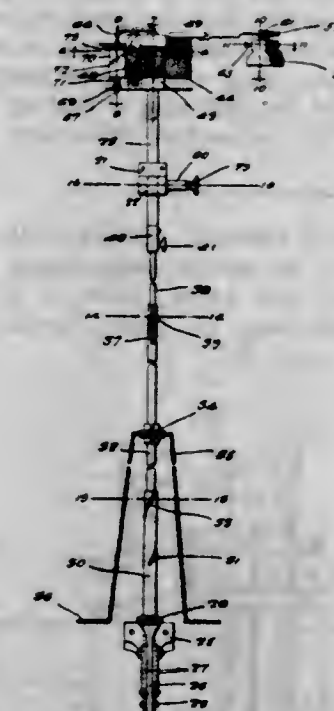
located adjacent an end of each opening, the blades in one row being disposed in staggered relation to the blades in the adjacent rows.

1,646,352. MEANS FOR MOUNTING VEHICLE WHEELS. REGINALD IVESON DENHAM, Hampstead, London, England. Filed Jan. 25, 1927. Serial No. 163,480, and in Great Britain Feb. 4, 1926. 2 Claims. (Cl. 301-9.)



1. In combination, a vehicle wheel hub provided with clutch teeth, an axle therefor with a tapered end, a sleeve fixed to said tapered end and rotatably carrying said wheel hub, a collar slidably mounted on said sleeve and provided with clutch teeth for engaging the clutch teeth on said wheel hub, a helical spring encircling said sleeve and disposed within an annular chamber in said collar, a cap screwed on the outer end of said sleeve and normally keeping said clutch elements in engagement, and means for securing said cap in its closed position.

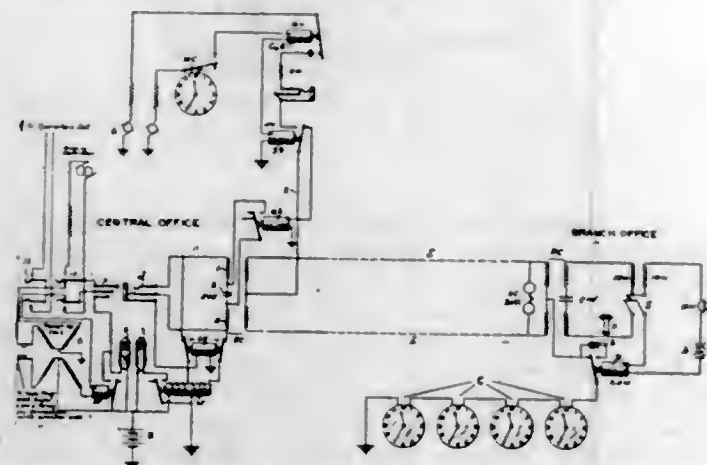
1,646,353. MUSIC TURNER. FREDERICK MENDELSSOHN ELVEY, Wimbledon, Surrey, England. Filed Dec. 2, 1922. Serial No. 604,546. 1 Claim. (Cl. 84-510.)



A music leaf turner comprising a substantially inverted U-shaped bracket, a tubular member swiveled within the upper portion thereof, said member being provided with a stud at one end and slotted portion at the other, a spiralled sleeve mounted for reciprocating movement adapted to receive the tubular member and stud therefor, a bracket provided with interconnecting vertically and transversely disposed bores, a bearing sleeve adjustably mounted within the vertical bore of the bracket, a rod rotatably mounted within the sleeve, a connecting rod provided with a coupling for connection with the bearing sleeve, a stud carried upon the connecting rod being received within the slotted portion of the tubular member to effect simultaneous rotation thereof, a head carried upon

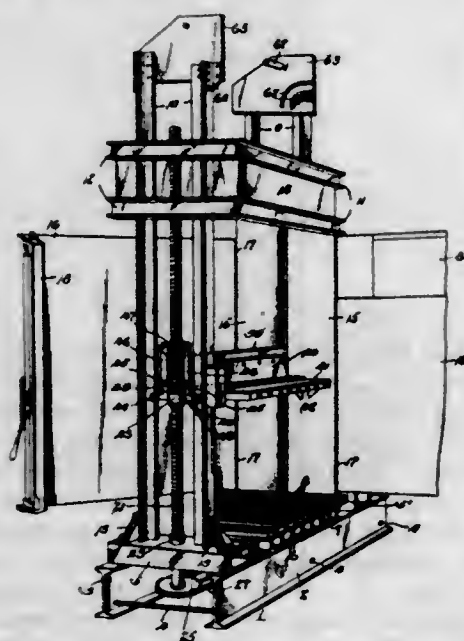
the upper end of the bearing sleeve, leaf turning arms pivotally mounted upon the sleeve within the head, a cylindrical member provided with spirally arranged teeth adapted to engage and move the arms horizontally, and a ratchet mechanism associated with the cylindrical member to prevent more than one arm being turned at one time.

1,646,354. SYNCHRONIZING CLOCKS OVER SIMPLEX CIRCUITS HAVING CENTRAL-BATTERY TELEPHONE SIGNALING. HERBERT W. DRAKE, East Orange, N. J., assignor to The Western Union Telegraph Company, New York, N. Y., a Corporation of New York. Filed Mar. 19, 1926. Serial No. 95,992. 9 Claims. (Cl. 179-2.)



1. In a combined telephone and clock synchronizing system, a master control clock and a plurality of clocks to be synchronized, a central office and a branch office and telephone line conductors extending therebetween and terminating at each end in repeating coils, means at each office for connecting the electrical midpoint of the line winding of the repeating coil to ground to provide a simplex circuit over said telephone conductors in parallel, means for transmitting a synchronizing current from the master clock to the other clocks over said simplex circuit and means for transmitting a calling current from the branch office to the central office over said simplex circuit.

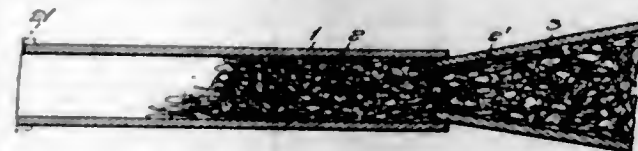
1,646,355. BALING PRESS. HERMANN HILL, Fredonia, N. Y., assignor, by mesne assignments, to Economy Baler Company, Ann Arbor, Mich., a Corporation of Michigan. Filed Sept. 24, 1923. Serial No. 664,333. 9 Claims. (Cl. 100-8.)



1. In a baling press, the combination with a chamber having an open end, of a plunger member movable transversely of said chamber beyond said open end and also

movable within said chamber, a screw, a nut threaded upon said screw, a pair of links pivotally connected to said nut at one end, a pressure yoke pivotally connected to the other ends of said links, a rocker arm pivoted to said yoke, and means for connecting said plunger member to said rocker arm.

1,646,356. PACKING AND METHOD OF MAKING SAME. NORMAN E. JOHNSON, Chicago, Ill., assignor to Chicago Rhopac Products Company, Chicago, Ill., a Corporation of Illinois. Filed June 26, 1924. Serial No. 722,538. 2 Claims. (Cl. 154-2.)



1. The herein described method of forming a packing which consists in discharging resilient material into a relatively thin casing of pliable, inelastic metal, the resilient material forming a core which exerts an expansive force against the wall of the casing to normally hold the casing in its expanded form but allowing the same to yield under pressure.

1,646,357. LIP-STICK HOLDER. ARTHUR H. NOBLE, Pawtucket, R. I., assignor to Theodore W. Foster & Brother Company, Providence, R. I. Filed Nov. 4, 1926. Serial No. 146,164. 1 Claim. (Cl. 206-56.)



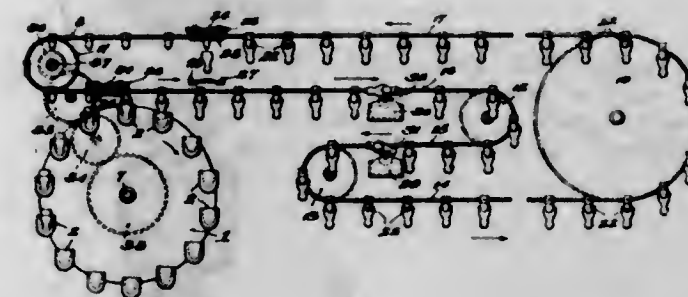
In a lip stick holder, an inner sleeve having a head on its lower end and having an axial slot extending throughout its length, said head being formed with a pair of stepped circular peripheral seats, a spirally slotted sleeve surrounding the inner sleeve and seated at its bottom end on the inner seat, the upper end of the inner sleeve being beaded outwardly to overlie the upper end of the second sleeve so as to hold the second sleeve on its seat, said axial slot extending through the said bead, a casing formed of uniform thickness of material surrounding the second sleeve and seated at its bottom on the second seat and having its upper end bent inwardly to overlie and engage the beaded upper end of the inner sleeve, and a lip stick carrier sleeve in the first sleeve having a ferrule removably received in the upper end of the carrier, said inwardly extending bent upper end of the casing providing a stop for the pin.

1,646,358. LIP-STICK HOLDER. ARTHUR H. NOBLE, Pawtucket, R. I., assignor to Theodore W. Foster & Brother Company, Providence, R. I. Filed Nov. 4, 1926. Serial No. 146,167. 7 Claims. (Cl. 206-56.)



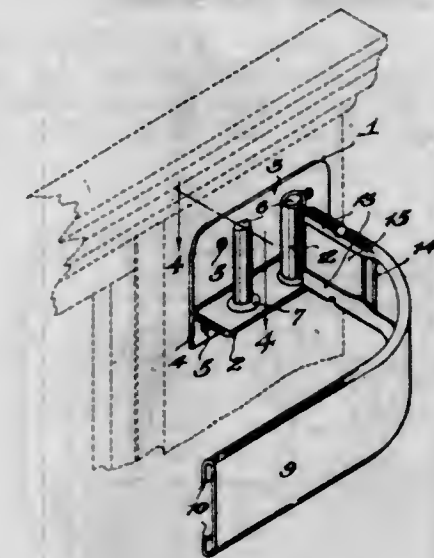
1. In a lip stick holder, a lip stick having a ferrule thereon provided with a pin, a casing, a stationary sleeve in the casing having a spiral slot, a rotary sleeve in the first sleeve having an axial slot an outer sleeve surrounding the casing and having an intumed bottom edge, a head fixed on the lower end of the rotary sleeve and having a peripheral slot receiving said intumed edge, and means to fixedly secure the outer and stationary sleeves to the casing, the sleeves within the casing and the latter having their upper ends open to permit the lip stick to enter the top of the holder and the pin of its ferrule to enter the slots.

1,646,359. MACHINE FOR GUMMING THE EDGES OF NIPPLES. PAUL A. RAICHE and THOMAS B. DOWLING, Providence, and THOMAS J. BRIDGES, Warwick, R. I., assignors to Davol Rubber Company, Providence, R. I. Filed Mar. 17, 1926. Serial No. 95,408. 19 Claims. (Cl. 91-51.)



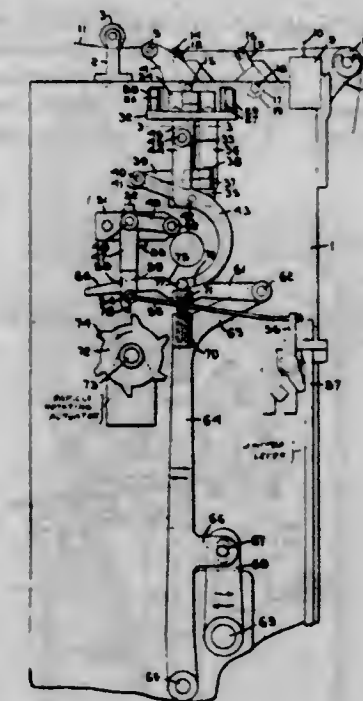
1. A machine for gumming the opposed side edges of complementary nipple blanks, including a blank-carrying wheel, pivoted blank receiving pockets carried by the wheel, carrier wheels located in advance of and rearwardly of the first named wheels, an upper and a lower carrier wheel spaced from the latter and located between the first mentioned carrier wheels, an endless carrier trained over the carrier wheels, nipple blank grippers carried by the carrier, means located above the blank-carrying wheel to open the grippers to enable same to receive the blanks, means to, release the grippers to permit the blanks to gravitate therefrom, and gum applying means located between the upper and lower carrier wheels so as to apply gum to the opposite side edges of the blanks.

1,646,360. CURTAIN-ROD HOLDER. OTTO REINHARDT, Central Falls, R. I. Filed Dec. 10, 1926. Serial No. 153,829. 5 Claims. (Cl. 156-22.)



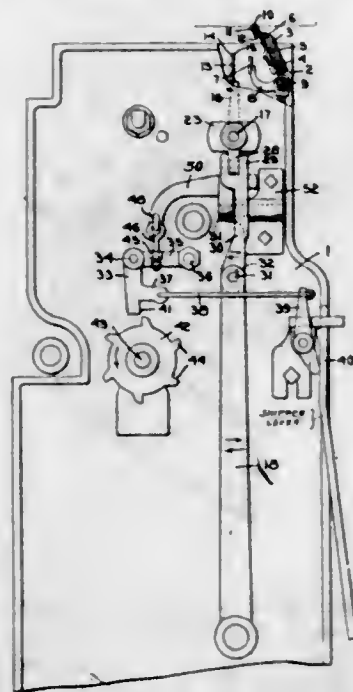
4. In combination with a bracket having a post, a rod fitting composed of a flat metal member doubled upon itself intermediate its ends to form a socket to receive the post, and a curtain rod formed to engage over the sides of both of the ends of the member.

1,646,361. QUICK-ACTING WARP STOP MECHANISM FOR WARPERS. ALONZO E. RHOADES, Hopedale, Mass., assignor to Draper Corporation, Hopedale, Mass., a Corporation of Maine. Filed Feb. 11, 1926. Serial No. 87,643. 9 Claims. (Cl. 28-53.)



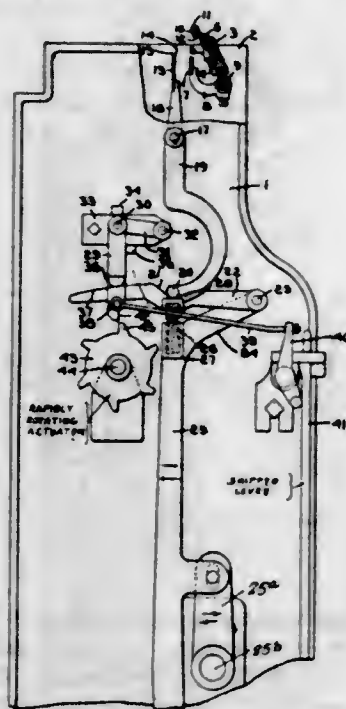
1. Quick-acting warp stop mechanism for warpers comprising detector mechanism, a continually moving vibrator, a knock-off device, a continually moving actuator having means moving at greater speed than the speed of movement of said vibrator to actuate said knock-off device when engaged therewith and means controlled by said detector mechanism normally preventing engagement of said knock-off device with said actuator, but operable by said detector mechanism, upon detection of a broken or sagging warp, to cause such engagement and thereby effect a quick stoppage of the warper.

1,646,362. QUICK-ACTING WARP STOP MECHANISM FOR WARPERS HAVING AN OSCILLATORY DETECTOR BAR. ALONZO E. RHOADES, Hopedale, Mass., assignor to Draper Corporation, Hopedale, Mass., a Corporation of Maine. Filed Feb. 11, 1926. Serial No. 87,644. 11 Claims. (Cl. 28-53.)



1. Quick-acting warp stop mechanism for warpers comprising a transverse, oscillating, detector bar, a series of pivotally mounted drop wires each having its free end normally supported by a warp and provided at said free end with means operable upon the falling of the drop wire to engage and arrest the detector bar during either direction of its movement and means operable by the arrest of said detector bar to stop the warper.

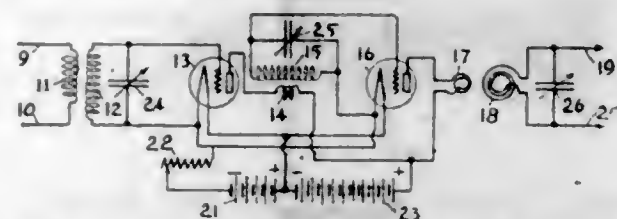
1,646,363. QUICK-ACTING WARP STOP MECHANISM FOR WARPERS. ALONZO E. RHOADES, Hopedale, Mass., assignor to Draper Corporation, Hopedale, Mass., a Corporation of Maine. Filed Feb. 15, 1926. Serial No. 88,247. 7 Claims. (Cl. 28-53.)



1. Quick-acting warp stop mechanism for warpers comprising a detector bar, means for oscillating the same transversely of its length, a series of pivotally mounted drop wires operable when permitted to fall to arrest the detector bar, in either direction of its movement, a continually moving vibrator, a yieldable controller

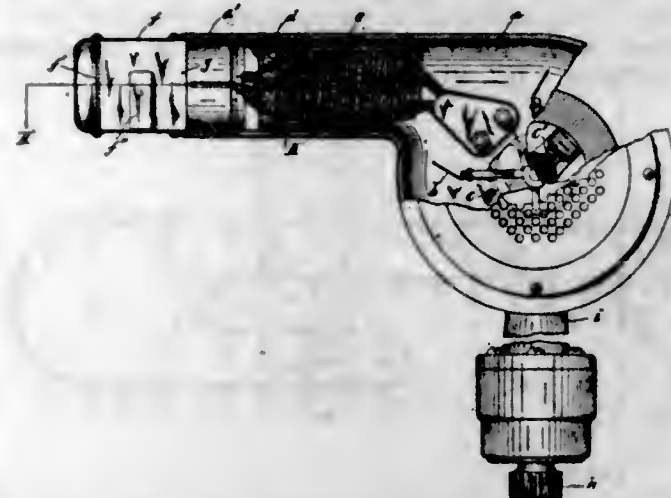
mounted on said vibrator, means engaging said controller normally acting to transmit an oscillating movement therefrom to the detector bar, and operable upon arrest of said detector bar to cause said controller to yield during the movement of said vibrator in either direction and means operable by the yielding movement of said controller immediately to effect a stoppage of the warper.

1,646,364. HIGH-FREQUENCY ALTERNATING-CURRENT AMPLIFIER. MILLARD COLE SPENCER, East Orange, N. J., assignor to Crocker-Wheeler Electric Manufacturing Company, Ampere, N. J., a Corporation of New Jersey. Filed Mar. 3, 1924. Serial No. 696,671. 2 Claims. (Cl. 179-171.)



1. An amplifier for high frequency alternating currents comprising three-element amplifier tubes with tuned grid circuits in which the consecutive tubes are coupled together by transformers having primary windings with sufficiently small inductance and with sufficiently small coupling between the primary and the secondary windings so that the effective inductive reaction of the grid circuit of a tube in the plate circuit of the preceding tube together with the inductive reaction of the plate circuit itself will always be below the critical value required to cause the preceding tube to oscillate, and means for preventing undesired magnetic coupling between the transformers.

1,646,365. APPLICATOR FOR SURGICAL DRESSINGS AND THE LIKE. OLO CROCKETT WILLIS, Cleveland, Ohio, assignor to The P. A. Geler Company, Cleveland, Ohio, a Corporation of Ohio. Filed July 21, 1923. Serial No. 653,017. 7 Claims. (Cl. 128-257.)



4. The combination with an enclosed fan, of means for rapidly driving the same, means for heating the air currents produced by said fan as occasion requires, and a removable container for solids to be melted and sprayed in liquid form positioned before the nozzle of the fan and adapted to support a substance for delivery by the heated air currents, substantially as set forth.

1,646,366. NUT FASTENING. FRED S. CARR, Newton, Mass., assignor to Carr Fastener Company, Cambridge, Mass., a Corporation of Maine. Filed July 22, 1925. Serial No. 45,263. 7 Claims. (Cl. 85-1.)

3. A nut fastening installation comprising, in combination, a support having an aperture passing therethrough, a nut having a base nonrotatably secured to said sup-

port, a head and a neck portion extending from said base, said head being snapped through the aperture in said support, a plurality of slots provided in said nut to permit contraction and expansion thereof, a tapered screw-



threaded wall surrounding a bore extending through said nut axially thereof and fastening means for threaded engagement with said tapered wall for expanding and back-supporting the slotted portion of said nut and for securing a part to said support.

1,646,367. NUT AND SCREW FASTENING. FRED S. CARR, Newton, Mass., assignor to Carr Fastener Company, Cambridge, Mass., a Corporation of Maine. Filed July 22, 1925. Serial No. 45,280. 8 Claims. (Cl. 85-1.)



2. A nut fastening installation comprising, in combination, a nut supporting part, a nut having a base portion seated against one face of the support and a resilient portion passing through an aperture in said support and a washer snapped over said resilient portion to hold said nut in assembly with said nut supporting part.

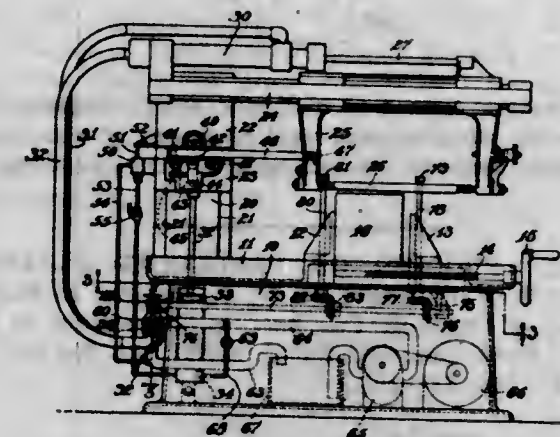
1,646,368. LOCK-NUT-FASTENING INSTALLATION. FRED S. CARR, Newton, Mass., assignor to Carr Fastener Company, Cambridge, Mass., a Corporation of Maine. Filed Mar. 6, 1926. Serial No. 92,720. 3 Claims. (Cl. 85-1.)



1. A nut installation comprising, in combination, a rigid support presenting an aperture passing therethrough a one-piece nut having a base portion seated against the inner face of said support and presenting a contractible and expandable head and neck portion passing through the aperture in said support, said nut being internally

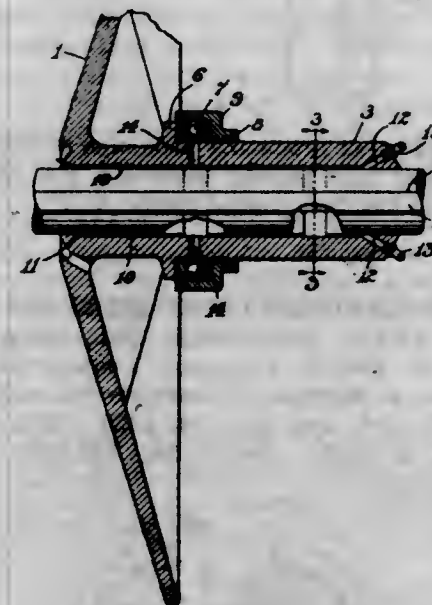
threaded, a part to be secured to said support and a tapered screw for engagement with the internal threads of the nut to expand said head and neck to lock said nut to the support and secure said part to said support.

1,646,369. HACK SAW. DWYER E. GOMMEL, Indianapolis, Ind., assignor to E. C. Atkins & Company, Indianapolis, Ind., a Corporation of Indiana. Filed Feb. 1, 1926. Serial No. 85,162. 15 Claims. (Cl. 29-73.)



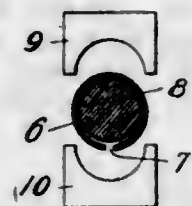
1. In a hack saw, the combination of a saw guide, a saw frame reciprocally mounted on said guide, means providing a fluid support for said saw frame, means for reciprocating said saw frame, means for permitting leakage of the supporting liquid during the active stroke of the saw and means for raising said saw frame without changing the height of the fluid support during the non-active stroke of the saw.

1,646,370. CONE-PULLEY LUBRICATOR. PAUL B. REEVES, Columbus, Ind., assignor to Reeves Pulley Company, Columbus, Ind., a Corporation of Indiana. Filed Sept. 21, 1925. Serial No. 57,551. 2 Claims. (Cl. 308-97.)



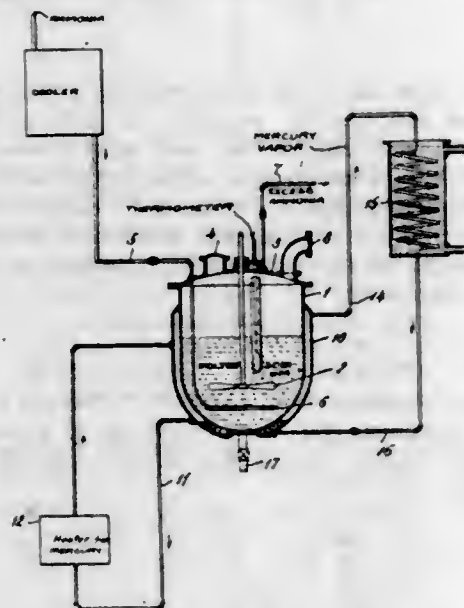
1. In a speed varying transmission the combination with belt receiving cone pairs each having an extended hub and shafts upon which said cone pairs are splined, of a thrust sleeve journaled upon each extended hub and having an annular cup, and an anti-friction bearing within said cup, and a lever arranged to operate upon said sleeve for moving the cone axially of its shaft, said hub having internal axial lubricant receiving grooves terminating at the end of the hub extension and adjacent the shaft and radial lubricant receiving grooves communicating with said axial grooves and with said anti-friction bearing.

1,646,371. BEARING AND METHOD OF MAKING SAME. GEORGE A. SHOEMAKER, Philadelphia, Pa., assignor to Boundbrook Oil-Less Bearing Company, Boundbrook, N. J., a Corporation of New Jersey. Filed Sept. 20, 1922. Serial No. 589,318. 8 Claims. (Cl. 29—149.5.)



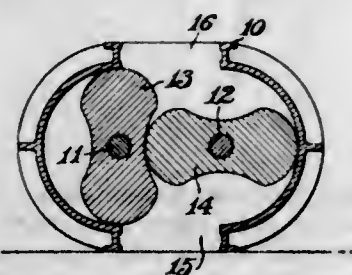
1. A bearing formed of malleable metal toughened and hardened by swaging while cold by means of a succession of duplicate hammer blows moving toward and from each other.

1,646,372. PROCESS OF PRODUCING SODAMIDE. JUSTIN F. WAIT, New York, N. Y., assignor to National Aniline & Chemical Co., Inc., a Corporation of New York. Filed Dec. 18, 1924. Serial No. 756,801. 11 Claims. (Cl. 23—190.)



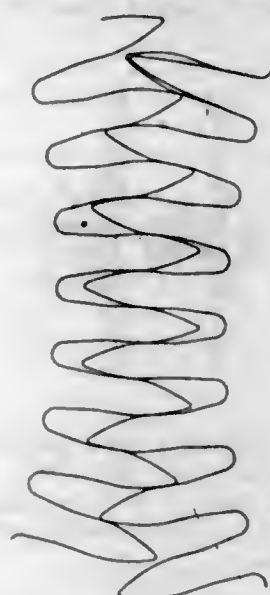
1. The process of producing sodamide which comprises melting sodium and passing ammonia gas therethrough after said gas has been cooled below 5° C.

1,646,373. HIGH-SPEED LOBED-IMPELLER BLOWER. JOHN T. WILKIN, Connersville, Ind., assignor to The Connersville Blower Company, Connersville, Ind., a Corporation of Indiana. Substitute for application Serial No. 101,903, filed Apr. 14, 1926. This application filed Mar. 2, 1927. Serial No. 171,913. 8 Claims. (Cl. 230—30.)



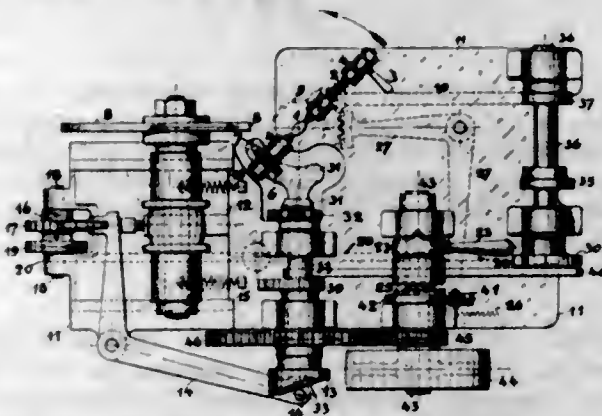
1. A blower comprising a casing, two interdigitated lobed impellers mounted within the casing, and a pair of meshing gears rotatively connecting said impellers, the said gears having teeth capable of circumferential yield under the applied load of approximately the unavolced departure of the contacting surfaces of said teeth from theoretical accuracy.

1,646,374. GEAR. JOHN T. WILKIN, Connersville, Ind. Filed Aug. 4, 1927. Serial No. 210,469. 8 Claims. (Cl. 74—7.)



1. Metal gears having integral teeth wherein the contacting portions of the teeth are odontic curves and wherein each tooth is subtended by a sub-root the faces of which merge without offset with the tooth and are approximately portions of equal stress parabolas which, if extended to their vertex, would lie wholly within the tooth, said sub-roots being of sufficient length to make the teeth capable of circumferential yield under applied load of approximately the unavolced departure of the contacting surfaces of mating pairs of said teeth from theoretical accuracy.

1,646,375. FACET-CUTTING MACHINE. WILHELM AUGENSTEIN, Ellmendingen, Germany. Filed Aug. 18, 1924. Serial No. 732,804. and in Germany May 7, 1923. 2 Claims. (Cl. 51—48.)



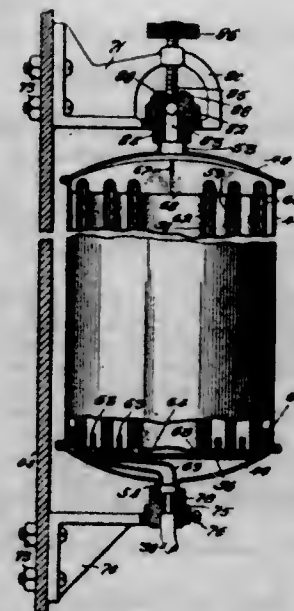
1. A facet cutting machine comprising in combination a main driving shaft, a spring controlled bracket, two horizontal spring controlled clamping spindles for holding the work and rotatably mounted in said bracket, a feed wheel having a predetermined number of teeth, for instance 14, keyed on one of said spindles, a vertical spring controlled feed rod, a pawl on the upper end of said feed rod for intermittently rotating said feed wheel, a slide for intermittently lifting said feed rod, a cam disk operating said slide and driven from said main driving shaft, a grinding wheel, means for alternately advancing said grinding wheel towards the work advancing the same, a vertical axle for said bracket, a feed wheel on said vertical axle, means for intermittently rotating said feed wheel on said vertical axle of an angle corresponding to the distance between two facets to be cut on the work, a feed wheel having 7 teeth controlling said driving means for said vertical axle, and means for rotating said feed wheel with teeth from the main shaft in accordance with said means for shifting said grinding wheel so that said feed wheel is rotated when said grinding wheels moves away from the work.

1,646,376. DIAPHRAGM STRUCTURE. HOMER J. WADDELL, Baltimore, Ohio, assignor, by direct and mesne assignments, to The Gas Appliance Manufacturing Co., Baltimore, Ohio, a Corporation of Ohio. Filed Sept. 2, 1925. Serial No. 53,994. 4 Claims. (Cl. 73—1.)



1. In a gas meter, a casing including a diaphragm chamber open at one end, a removable cover section closing the open end of said chamber, a diaphragm structure formed to occupy said chamber and embodying an outer ring member of rigid material secured between the adjacent walls of said casing and cover section, said ring member being formed to include an intumed flange lying closely adjacent to and parallel with the inner walls of said diaphragm chamber, an inner disk member of rigid material formed to include a peripheral flange, and a body of flexible connecting material secured to the flanges of said ring and disk members, said material possessing but sufficient area to admit of the employment of a disk member of large diameter and displacement commensurate with the length of the operating stroke of the disk member from one side to the other of the plane of the outer ring member.

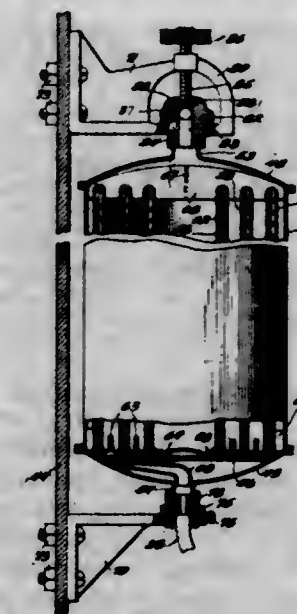
1,646,377. RENEWABLE FILTER UNIT. ERNEST J. SWEETLAND, Hazleton, Pa., and GEORGE H. GREENHALGH, Newark, N. J.; said Greenhalgh assignor to said Sweetland. Filed Nov. 27, 1923. Serial No. 677,344. 5 Claims. (Cl. 184—6.)



1. In a lubricating system for an automotive engine containing a body of oil exposed to contamination by deleterious solids, means to circulate the oil to the parts to be lubricated, and to a conduit extending outside the engine said conduit having a gap therein normally bridged by a sealed filter unit, and a filter unit for bridging said

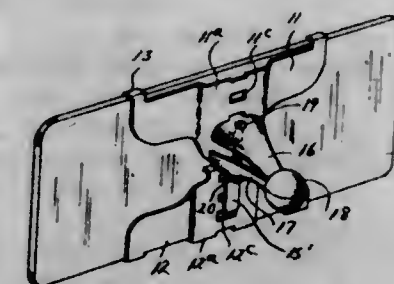
gap comprising a sealed casing, a filter element in said casing adapted to remove the deleterious solids, said casing being imperforate except for inlet and outlet openings therein of approximately the size of said conduit, connecting means on said conduit for connecting with said inlet and outlet openings and cooperating with the walls of said filter casing to form a sealed joint around said openings and quick detachable means for applying said connecting means whereby a clogged filter unit may be quickly removed and a new unit inserted in said gap.

1,646,378. RENEWABLE FILTER UNIT. ERNEST J. SWEETLAND, Hazleton, Pa., and GEORGE H. GREENHALGH, North Arlington, N. J.; said Greenhalgh assignor to said Sweetland. Original application filed Nov. 27, 1923. Serial No. 677,344. Divided and this application filed Aug. 27, 1927. Serial No. 215,972. 5 Claims. (Cl. 210—181.)



1. As an article of manufacture, a cheap discardable filter unit for use in the lubricating system of an automotive internal combustion engine or other machine comprising a nonopenable, sealed sheet metal casing having a filter element therein capable of removing the solid impurities from the oil passing therethrough, said filter element being of sufficient area to permit the accumulation of solids from the oil for a period equivalent to several thousand miles of running of the automobile before becoming clogged, and inlet and outlet openings through the walls of said casing whereby the casing may be connected to or disconnected from the lubricating system to permit economical discarding of a clogged filter unit and replacement with a new unit.

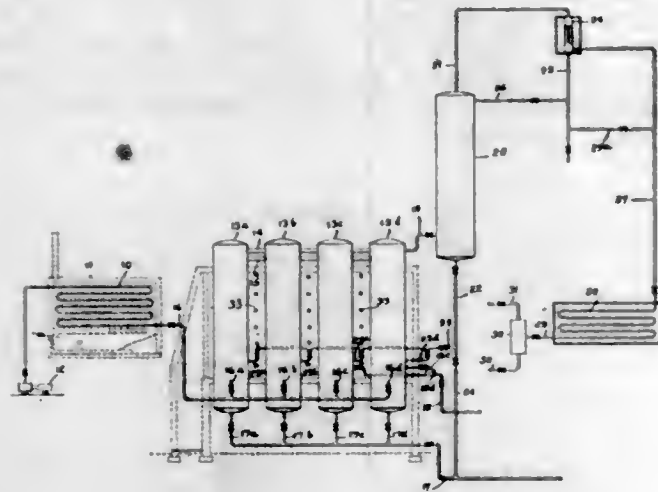
1,646,379. MIRROR SUPPORT. JAMES FRAZER WHITEHEAD, Detroit, Mich., assignor to Kales Stamping Company, Detroit, Mich., a Corporation of Michigan. Filed Dec. 22, 1924. Serial No. 757,474. 13 Claims. (Cl. 45—97.)



11. In combination with a vehicle mirror, a holder for said mirror having a raised portion provided with a plurality of slots, a supporting arm having projections en-

gagable with said slots and having a ball at one end thereof, and a bracket member having a portion attachable to a vehicle and having another portion receiving said ball and affording universal movement for the mirror.

1,646,380. TREATING HYDROCARBON OILS. RALPH C. HOLMES, New York, N. Y.; FREDERICK T. MANLEY, Houston, and OTTO BEHMER, Port Arthur, Tex., assignors, by mesne assignments, to The Texas Company, New York, N. Y., a Corporation of Delaware. Filed Dec. 10, 1923. Serial No. 679,569. 18 Claims. (Cl. 196—58.)

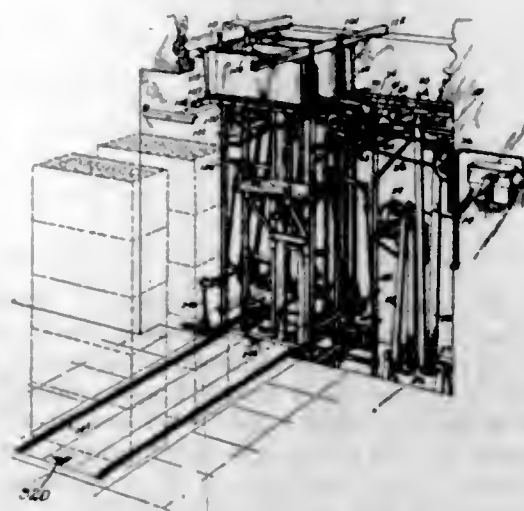


1. The process of cracking hydrocarbon oils which comprises heating the oil to substantially a cracking temperature, passing the heated oil into a plurality of converters wherein cracking conditions are maintained, condensing a portion of the generated vapors and selectively refluxing said condensate to the several converters.

12. Apparatus for cracking hydrocarbon oils comprising a plurality of stills, vapor equalizing and liquid level lines interconnecting the stills in series, means for in-

roducing oil to the stills comprising a manifold line with valved branches to the several stills adapted to selectively admit the oil to the stills severally, a reflux condenser adapted to receive vapors from the stills and means for returning condensate from said reflux condenser to the several stills comprising a manifold line with valved branches to the several stills.

1,646,381. STACKING AND CONVEYING MECHANISM. FRANK B. ROBERTS, Anaheim, Calif., assignor of one-half to Willis G. Huntington, Sawtelle, Calif. Filed Oct. 11, 1923. Serial No. 667,909. Renewed Dec. 20, 1926. 34 Claims. (Cl. 214—6.)



1. In a transportation device, an elevator including a reciprocating platform, means to intermittently deliver boxes to the elevator platform, means to lower the elevator platform after the boxes are placed thereon, and means for thereafter moving said stacked boxes, the bottom of said boxes remaining horizontal throughout their movement.

Patents Nos. 1,646,382 to 1,647,118.

THE OFFICIAL GAZETTE

OF THE

United States Patent Office.

Vol. 363—No. 4.

TUESDAY, OCTOBER 25, 1927.

Price—\$10 per year.

The OFFICIAL GAZETTE is mailed under the direction of the Superintendent of Documents, Government Printing Office, to whom all subscriptions should be made payable and all communications respecting the Gazette should be addressed. Issued weekly. Subscription, \$10.00 per annum; including annual indexes, \$11.50; single numbers, 25 cents each. PRINTED COPIES OF PATENTS are furnished by the Patent Office at 10 cents each. For the latter, address the Commissioner of Patents, Washington, D. C. CIRCULARS OF GENERAL INFORMATION concerning PATENTS or concerning TRADE-MARKS, PRINTS, and LABELS will be sent without cost on request to the Commissioner of Patents, Washington, D. C.

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Total.....	1,058

Disclaimers.

1,541,773.—*Franklin W. Stewart*, Chicago, Ill. MEANS FOR LOCKING AUTOMOBILES AGAINST THEFT. Patent dated June 9, 1925. Disclaimer filed October 7, 1927, by the patentee.

Hereby enters this disclaimer of said claims which read as follows:

"16. In combination with a quick snap-over switch, auxiliary electrical circuit-closing contacts, and an insulated member associated with said auxiliary circuit contacts whereby said auxiliary circuit is opened and closed by the movement of said member."

"20. The combination of an ignition switch having contacts for two circuits, the contacts of one circuit or the other being always in engagement to close the respective circuit, a locking mechanism, and a member moved thereby to open the ignition circuit closed by said engaging contacts."

1,584,950.—*Oliver W. Lanphere*, New York, N. Y. CURVED BOLT LOCK. Patent dated May 18, 1926. Disclaimer filed October 5, 1927, by the patentee.

Hereby enters this disclaimer to those claims in said specification which are in the following words, to wit:

"7. A lock comprising a casing, an arc bolt having a hub pivotally mounted on said casing, means for projecting said bolt, and means mounted on said casing and engaging said hub to retain the bolt in its projected position."

"8. A lock comprising a casing, an arc bolt movable in a curved path, means to operate said bolt, and a pivotal member to hold said bolt in a given position."

"26. A lock comprising a casing, an arcuate bolt pivotally supported by said casing, and a combined releaser and bolt retaining means wholly disposed within the path described by said bolt."

"32. A lock comprising a casing, a bolt mounted within said casing and movable in a curved path, a latch disposed within said casing and outside of the path of movement described by said bolt, and a single means for operating said bolt and latch."

Adjudicated Patents.

(C. C. A. Ohio.) The Baker patent, No. 963,971, for removable brush attachment for vacuum cleaners, claims 1, 2, and 3 Held not infringed. *P. A. Goler Co. v. Eureka Vacuum Cleaner Co.*, 20 F. (2d) 907.

(C. C. A. N. Y.) The Hammer patent, No. 1,079,238, for metal bottle cap, claims 2, 4, and 9 Held not infringed. *American Metal Cap Co. v. Anchor Cap & Closure Corporation*, 20 F. (2d) 725.

(D. C. N. Y.) The Alexanderson patent, No. 1,173,079, for selecting electrical oscillations of given wave length in radiotelegraphy, claims 8 and 9 Held valid and infringed. *Radio Corporation of America v. B. J. Edmond & Co.*, 20 F. (2d) 929.

(D. C. Del.) The Trumble patent, No. 1,281,884, for "cracking" petroleum oils, claims 2 and 4 Held valid and infringed. *Universal Oil Products Co. v. Skelly Oil Co.*, 20 F. (2d) 995.

(D. C. Md.) Patent No. 1,308,729. Willoughby and Lowell Held entitled to patent for submarine radio apparatus, for which patent No. 1,308,729 was granted to Rogers. *Willoughby v. Rogers*, 20 F. (2d) 931.

(D. C. N. Y.) The Clules patent, No. 1,472,014, for temple-bar construction, Held not infringed. *Bay State Optical Co. v. Klein*, 20 F. (2d) 915.

(C. C. A. N. J.) The Grupe patent, No. 1,515,076, for metallized product, Held invalid. *Peerless Roll Leaf Co. v. Lange*, 20 F. (2d) 801.

(C. C. A. N. J.) The Boyd patent, No. 1,515,722, for transfer metallized medium, Held invalid. *Peerless Roll Leaf Co. v. Lange*, 20 F. (2d) 801.

(D. C. N. Y.) The Clules patent, No. 1,527,118, for eyeglass construction, Held not infringed. *Bay State Optical Co. v. Klein*, 20 F. (2d) 915.

(C. C. A. N. Y.) The Van Deventer patent, No. 1,571,561, for electric condenser, claims 5 and 6 Held not so clearly invalid, for anticipation, as to warrant dismissal of infringement suit. *Dublier Condenser Corporation v. New York Coll. Co.*, 20 F. (2d) 723.

(D. C. Del.) The Samuelson design patent, No. 48,160, for bottle design, Held not infringed. *Coca-Cola Co. v. Whistle Co. of America*, 20 F. (2d) 955.

Condition of Applications Under Examination at Close of Business October 14, 1927.

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		New.	Amended.	
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126	2. HADEN, C. F., Bee Culture; Dairy; Preserving; Presses; Tobacco.....	May 9	May 9	960
331	3. LINDSEY, A., Electric Heating; Electrochemistry; Heating; Metal Founding; Metallurgical Apparatus; Metallurgy; Metal Treatment; Plastic Metal Working.....	Apr. 30	May 19	1,630
234	4. MERRITT, A. D., Conveyers; Hoists; Handling Apparatus and Implements, and Pushing and Pulling.....	Feb. 26	Mar. 4	1,828
108*	5. MACNAB, J. F., Harvesters; Jewelry; Music; Acoustics; Sound Recording; Knots.....	Apr. 20	Apr. 20	1,147
318	6. LEWERS, A. M., Chemistry; Carbon Compounds; Substance Preparation.....	Feb. 19	Feb. 18	1,836
106	7. JARBOE, C. G., Amusement and Exercising Devices; Toys; Optics; Photography.....	Apr. 5	Apr. 6	1,541
133	8. HENRY, C. C., Beds; Chairs and Seats; Furniture; Kitchen and Table Articles; Store Furniture.....	Mar. 18	Apr. 9	1,782
221	9. ADAMS, R. E., Pumps; Fluid and Fluid-Current Motors.....	June 21	July 2	911
118	10. HUNTER, O. F., Land Vehicles—Animal Draft Appliances, Bodies and Tops.....	Apr. 2	Apr. 11	1,434
148*	11. ARMSTRONG, H. C., Boots, Shoes, and Leggings; Button, Eyelet, and Rivet Setting; Harness; Hides, Skins, and Leather Manufactures; Nailing and Stapling; Whip Apparatus; Cutting and Punching Sheets and Bars.....	June 1	May 31	1,044
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154*	13. CLIFT, J. W., Bolt, Nail, Nut, Rivet, and Screw Making; Chain, Staple, and Horseshoe Making; Driven, Headed, and Screw-Threaded Fastenings; Gear Cutting, Milling, and Planing; Metal Drawing; Metal Forging and Welding; Metal Rolling; Metal Working; Needle and Pin Making; Turning; Boring and Drilling.....	Mar. 16	Mar. 23	1,555
102*	14. BRUMBAUGH, N. J., Compound Tools; Farriery; Metal Bending; Metal Tools and Implements, Making; Sheet-Metal Ware, Making; Tools; Wire Fabrics and Structure; Wire Working; Metal Working, Assembling, and Blanks and Processes.....	Mar. 22	Apr. 19	1,458
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243*	16. SPENCER, C. J., Batteries; Resistances and Rheostats; Telegraphy; Telephony.....	May 31	June 18	867
307	17. RAFTER, G. S., Label Pasting and Paper Hanging; Nut and Bolt Locks; Ornamentation; Paper Manufactures; Printing; Type Casting; Sheet-Material Associating or Folding; Sheet or Web Feeding or Delivering; Type Setting.....	Apr. 1	May 9	862
229	18. PORTER, M. E., Motors, Expansible-Chamber Type; Power Plants; Speed-Responsive Devices.....	Apr. 4	Apr. 4	978
236	19. GLASCOCK, E. S., Furnaces; Heating Systems; Liquid and Gaseous Fuel Burners; Stoves and Furnaces.....	June 6	June 6	1,026
179	20. GROVE, S. D., Miscellaneous Hardware; Closure Fasteners; Locks and Latches; Safes; Undertaking.....	June 14	July 1	1,065
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217	23. GROESBECK, W. D., Coin Handling; Recorders; Registers; Horology; Time-Controlling Mechanism.....	Mar. 2	Mar. 4	1,020
147*	24. DURAS, C. O., Apparel; Apparel Apparatus; Garment Supporters; Sewing Machines.....	Mar. 1	Mar. 1	1,185
314	25. LIGHTFOOT, J. H., Agitating; Bleaching and Dyeing; Butchering; Classifying Solids; Centrifugal Bowl Separators; Explosive, Pyrotechnic, and Match Compositions; Fertilizers; Mills; Sugar and Starch; Threshing; Vegetable and Meat Cutters and Comminutors.....	Apr. 2	Mar. 22	1,376
228*	26. HODGES, J. S., Electricity, Generation; Motive Power; Prime-Mover Dynamo Plants.....	Mar. 25	Mar. 25	1,006
214	27. ANDERSON, L. S., Brush, Broom, and Mop Making; Brushing, Scrubbing, and General Cleaning; Laundry; Washing Apparatus.....	June 13	June 15	917
225	28. BENSON, A. R., Internal-Combustion Engines.....	Apr. 30	May 5	1,223
160*	29. MORRIS, B. N., Abrading; Button Making; Coopering; Wheelwright Machines; Wood Sawing; Wood Turning; Woodworking; Woodworking Tools.....	Mar. 14	Mar. 29	1,341
248	30. SHIPMAN, J. L., Automatic Temperature and Humidity Regulation; Illuminating Burners; Illumination; Typewriting Machines; Thermostats and Humidostats.....	Mar. 24	May 3	1,223
312	31. HOLMES, W. N., Alcohol; Ammonia, Water, and Wood Distillation; Charcoal and Coke; Gas, Heating and Illuminating; Hydraulic Cement and Lime; Mineral Oils; Oils, Fats, and Glue.....	Mar. 30	Mar. 30	1,720
349	32. BARTHOLOMEW, J. A., Gas and Liquid Contact Apparatus; Heat Exchange; Gas Separation.....	May 2	May 3	1,261
152	33. WYMAN, W. I., Bridges; Hydraulic and Earth Engineering; Masonry and Concrete Structures; Metallic Building Structures; Roads and Pavements; Roofs; Wooden Buildings.....	June 16	June 16	1,623
304	34. SIMPSON, G. R., Electricity-Transmission to Vehicles; Pneumatic Dispatch; Railways, Rolling Stock, Switches, and Signals; Store Service; Vehicle Fenders.....	Mar. 26	Apr. 4	1,029
116*	35. REYNOLDS, E. C., Buckles, Buttons, Clasps, Etc.; Card, Picture, and Sign Exhibiting; Signals and Indicators; Toilet.....	June 13	June 13	1,133
105	36. MORTON, G. L., Automatic Weighers; Geometrical and Measuring Instruments; Force Measuring.....	June 10	June 8	1,188
324*	37. WEAVER, M. E., Electricity, Circuit Makers and Breakers.....	Apr. 9	Apr. 18	1,587
145	38. KRAFFT, C. F., Animal Husbandry; Earth Boring; Fishing, Trapping, and Vermin Destroying; Mining, Quarrying, and Ice Harvesting; Stoneworking; Wells.....	Apr. 28	May 2	1,139
220	39. COWLES, A. W., Fluid-Pressure Regulators; Multiple Valves; Valves; Water Distribution.....	Apr. 6	Mar. 29	1,024
269	40. OBERLIN, J. J., Baggage; Bottles and Jars; Package and Article Carriers; Receptacles.....	Mar. 8	Apr. 4	2,337
125	41. BROWN, J. I., Land Vehicles, Wheels, and Axles; Resilient Tires and Wheels; Wheel Substitutes.....	Apr. 26	May 6	632
223*	42. CUTTING, H. O., Electrical Conduits and Housings; Electric Signaling.....	Mar. 15	Mar. 10	1,541
124*	43. HOPKINS, F. M., Baths, Closets, Sinks, and Spitoons; Sewerage; Electricity, Medical and Surgical; Medicines; Surgery; Dentistry; Artificial Body Members; Railway Draft Appliances.....	May 6	June 7	1,133
253	44. SHAEFFER, C. H., Dispensing; Dispensing Beverages; Filling and Closing Portable Receptacles; Refrigeration.....	Mar. 3	Mar. 21	1,365
379	45. GILES, A. H., Pulleys and Shafting; Lubrication; Machine Elements; Bearings and Guides.....	May 17	May 18	1,015
233	46. WOLCOTT, C. L., Concentrating Evaporators; Fluid Sprinkling, Spraying, and Diffusing; Fire Extinguishers; Liquid Heaters and Vaporizers.....	Apr. 7	Apr. 15	1,167
264	47. BARKER, H., Brakes; Clutches and Power Stop Control; Elevators; Fluid-Pressure Brake and Analogous Systems; Motors; Spring Devices.....	Apr. 16	Apr. 22	1,727
213*	48. ROEPKE, O. B., Electricity, General Applications.....	Apr. 9	Apr. 7	1,126
239	49. EDINBURG, F. P., Check-Controlled Apparatus; Domestic Cooking Vessels; Fuel and Igniting Devices; Ventilation; Velocipedes; Driers; Liquid Separation or Purification.....	Mar. 29	Apr. 13	1,124
322	50. BLAKE, C. L., Plastic and Liquid Coating Compositions; Coating; Laminated Fabrics.....	Apr. 19	Apr. 19	1,872
240*	51. BACKUS, C. D., Radiant Energy, Wave Transmission.....	Apr. 1	Mar. 30	1,596
144	52. MORGAN, E. T., Supports; Chucks; Fire Escapes; Ladders; Scaffolds; Railway Mail Delivery; Joint Packing; Pipe and Rod Joints or Couplings; Tool-Handle Fastenings.....	May 21	June 2	1,395
309	53. PECK, M. K., Books; Manifold; Printed Matter; Stationery; Educational Appliances; Paper Files and Binders; Tents, Canopies, Umbrellas, and Canes; Curtains, Shades, and Screens.....	May 26	May 23	1,189
241*	54. LANE, C. H., Electric Lamps; Conductors; Vapor Electric Devices; Space Discharge Tubes.....	Feb. 16	Feb. 4	1,956
102	55. RICHARD, V. I. (Acting).....	Mar. 14	Mar. 25	734
	Designs.....	Aug. 22	Aug. 17	749
163	TRADE-MARKS, LABELS, AND PRINTS: F. A. RICHMOND.....	Sept. 16	Sept. 29	1,638
	(Labels and Prints.....)	Sept. 21	Oct. 3	202

* Refers to room numbers in the annex.

DECISIONS IN PATENT AND TRADE-MARK CASES.

Commissioner's Decisions.

MEAD V. ABBOTT V. GAMMETER V. WILHELMI.

Decided February 9, 1927.

1. INTERFERENCE—RULE 119—CONSTRUCTION.

Rule 119 can not be so narrowly construed as to require the issuance of an order to show cause where a junior party has taken no testimony if he has given notice that he intends to rely on records of the Patent Office to establish priority.

2. SAME—SAME—SAME.

Where a junior party has given notice that he intends to rely on an earlier application abandoned before his later application was filed as his evidence of priority, the fact that the Examiner of Interferences may be of the opinion that such application has not the evidentiary value which it is contended it has will not warrant entering a judgment against such party prior to final hearing.

PETITION.

Mr. Franklin G. Neal and Mr. Robert P. Harvey for Mead.

Mr. Ernest Hopkinson for Adrian O. Abbott, Jr.
Mr. Robert M. Pierson for Gammeter.

Messrs. Marks & Clerk for Wilhelmi.

ROBERTSON, Commissioner.

The party Gammeter petitions that, under the supervisory authority of the Commissioner, the action of the Examiner of Interferences vacating an order to show cause issued against the party Mead be set aside and said order to show cause be reinstated, that the certified copy of Mead's abandoned application be withdrawn from the record of the interference, and final judgment of priority against Mead be forthwith rendered.

This petition is also entitled in the companion Interferences, where a similar relief is sought.

It appears that the party Mead moved to shift the burden of proof in view of a prior application of his which became abandoned before the filing of the application directly involved in the interference. The Examiner of Interferences, while noting that the drawings of the abandoned application were transferred to the present application when it was filed, denied the motion on the ground that a party cannot be given the benefit of an earlier application for constructive reduction to practice of the invention thereof where that application became abandoned before the filing of the application involved in the interference, citing decisions in support of his holding. Times were then set for the taking of testimony.

During the time set for Mead, who was the junior party, to take testimony, no oral testimony was taken. In view of an affidavit filed by the party Gammeter that he had received no notice of the taking of testimony an order to show cause, under the provisions of rule 119, was issued against Mead. In response to that order Mead called attention to the fact that during his time for taking testimony he had ordered placed in the record of each of the interferences a certified copy of his

abandoned application and again stated the same contention which he had made in support of his motion to shift the burden of proof—namely, that he was entitled to the date of the filing of that abandoned application as establishing his date of completed invention under the decision in *The Alexander Milburn Company v. Davis-Bournonville Company*, 344 O. G. 817, 270 U. S. 390.

The Examiner of Interferences, after hearing, vacated the order to show cause and set times for taking testimony, giving Mead a right to take rebuttal of any testimony offered on behalf of the other parties. It is contended on behalf of the petitioner Gammeter that the order was improvidentially vacated, since rule 119 expressly provides that such order shall be issued if no testimony had been taken within the time fixed. He contends that the abandoned application is in no sense testimony and argues further that the rules draw a sharp distinction between testimony and evidence.

It would have been better practice for the party Mead, instead of merely ordering certified copies of his abandoned application to be placed in the interference files, to have specifically notified both the Office and the other parties that he intended to rely upon that abandoned application, a certified copy of which he had ordered placed in each of the files. However, that is not thought to be a material error. The parties had already had notice, by the motion to shift the burden of proof, that Mead was claiming that the abandoned application established his date of invention, and when, in answer to the order to show cause, he noted that he had ordered these copies placed in the files it is deemed that he was in the same position as if he had given the notice above suggested.

[1] It is not believed that any such sharp distinction can be drawn, as the petitioner here seeks to have drawn, between testimony and evidence. In the ordinary interference the proofs are adduced in the form of testimony, but it is obvious that there are cases where a party can introduce such evidence as to justify his remaining in the case until final hearing, even though he does take no oral testimony. For example, if an applicant files two applications showing specifically different embodiments of an invention and contends that the issue of the interference, in which the later of these applications is involved, is broad enough to read upon the other application, which is still pending or which has matured into patent, he would certainly be entitled to bring forward that earlier application as the evidence upon which he intended to rely in the interference and no judgment could be rendered against him under the provisions of rule 119.

[2] It is not seen that the fact that Mead's earlier application is abandoned changes the situation. The question for consideration at this

time is not whether Mead's abandoned application has the evidentiary value which he contends that it has but whether he is entitled to have it considered at all. The fact that in the judgment of the Examiner of Interferences the evidence which a party brings forward is not such evidence as will justify an award of priority to him will not warrant a judgment against him prior to final hearing.

If judgment should be rendered against Mead at the present time he would have, under the statutes, a right of appeal all the way to the court of appeals and, if he should take such appeals and the judgment should be adverse, times would then have to be set for taking testimony by the remaining parties. The fact that the other parties have agreed among themselves as to how the case may be settled among them is not deemed to change the situation. It is not believed that the court of appeals would look with favor upon this Office sending up interferences piecemeal. The parties now having notice that Mead proposes to rely upon that abandoned application and to make the contention above noted, based on *The Milburn v. Davis-Bournonville* decision, can elect to stand upon their filing dates or to produce such testimony to establish the dates of inventions previously alleged as they may see fit. When the parties other than Mead have either presented their testimony or waived their right to take such testimony, either expressly or by taking no testimony within the times set, the case will then be ready for final hearing before the Examiner of Interferences and all questions can be considered at one time.

The petition is denied.

EX PARTE SMART.

Decided November 1, 1926.

1. APPLICATION—DELAYED PROSECUTION—FINAL REJECTION BASED ON REFERENCE ORIGINALLY CITED—NOT PREMATURE.

Where an application has been pending for a long time and has been considered by the Examiner eight times, a final rejection based upon a patent cited in the first office action *Held* not premature.

2. PATENTABILITY—SUBSTITUTION OF EQUIVALENT—NOT INVENTION.

Where a claim for an electric heater differs from what is shown in a prior patent only in substituting for the slidable detachable connections thereof an old two-blade plug socket, *Held* that this did not constitute invention since the two features are equivalents of each other and that it is immaterial that these features never have been used together in one construction.

[This application has resulted in Patent No. 1,634,046.]

APPEAL from Examiners in Chief.

Application for patent for electric heaters.

Mr. Russell Sutherland Smart pro se.

KINNAN, First Assistant Commissioner:

The applicant has appealed from the decision of the Examiners in Chief, affirming that of the Primary Examiner, denying patentability to claims 1,

3, 5, and 6, of which claim 1 will serve for illustrative purposes and is as follows:

1. In an electric heater, a heating coil, a socket symmetrically located in regard to a heating coil, and a connecting means adapted to support the heating coil in advance of and extending transversely across the socket having sliding contact therewith, and detachable from the socket by a pull in a direction transverse of the coil.

The reference relied upon is: Shoenberg, 1,109,551, September 1, 1914.

[1] The applicant in his brief on appeal complains that the Examiner was in error in finally rejecting the appealed claims and contends the rejection was not in accordance with the prevailing practice of this Office because the rejection upon the patent to Shoenberg alone was made for the first time on August 2, 1923, and that the finally rejected claims had been amended and were not twice acted upon.

This case presents an unusual and unjustifiable record. The construction involved is exceedingly simple and yet the application has been pending nearly nine and one-half years. The reference relied upon was cited in the first action in the case over nine years ago, and for the last seven years the case has been pending before the Examiner no new references were cited. Eight times the Examiner has reviewed the claims for this simple construction. He should have closed the prosecution of the case before him years ago. The great amount of work presented to this Office precludes such numerous reconsiderations in a case of this character. The applicant has no basis for complaint that the Examiner finally closed the prosecution of the case before him when he did. The applicant certainly has been given an opportunity to present any and all claims that he reasonably could have desired to have reviewed.

[2] The claims relate to the mounting of the heating coil transversely and in advance of the supporting socket by sliding connections detachable from the socket by a pull in a direction transverse of the coil. Although the applicant states in his brief that his invention consists among other things of "a single terminal socket symmetrically located in regard to the heating coil and provided with two spaced terminals," yet only claim 3 specifies these details. The other three claims are broader as to this feature. Claim 1 states that the socket is symmetrically located in regard to the heating coil and claim 6 specifies the socket is symmetrically located in the base of the reflector. Claim 5 broadly recites that the socket has connecting means adapted to support the coil in advance of the socket by sliding contact with the socket which can be detached by a pull in an outward direction.

Shoenberg shows the heating coil extending transversely and in advance of the supporting sockets 8, 8, within the reflector. The position is substantially the same as that disclosed by the applicant. The terminals of the heating coil of the reference are made to slide in the connecting sockets and are there held by set screws indicated at 12, 12. By loosening the set screws sufficiently, the coil may be removed by a pull in an outward direction caus-

ing the terminals 3', 3', to slide out of the sockets 8, 8. This reference alone fully meets claim 5. It is settled practice that a claim must be interpreted as broadly as the fair import of its terms will allow. *Miel v. Young*, 128 O. G. 2532, 29 App. D. C. 481. If the applicant intends a specific or different meaning should be given his terms, he should employ such terms as will make his meaning unquestionable. The other claims 1, 3, and 6 are but for substituting for Shoenberg's particular type of sliding detachable connections 3', 3', and 8, 8, the usual two blade plug socket arrangement, old and widely used in making electric connections. The Examiner stated that this connection is so old and common in various electrical devices and so well known by nearly every one connected with or using electrical devices that it is not deemed necessary to cite specific examples thereof. It may well be he should have cited an example of this form of two blade plug socket switch which has been in wide public use for the past twenty years or more, and such a patent is that to Hubbell, No. 774,251, November 8, 1904, wherein the socket plug D, which is supposed to screw into the ordinary lamp socket, is provided with blade sockets 23, into which the two blades 25, 25, are made to pass. It is believed there was nothing inventive in adopting the Hubbell socket plug and sliding contact blades in place of the separated sockets and sliding contact terminals of Shoenberg in the latter's arrangement for supporting the heating coil. It is not material that these features were never used together before in one construction. Such features are equivalents, one of the other, and no new combination nor new combined result is obtained by the substitution of one old type of detachable transversely sliding switch for another old type.

The decision of the Examiners in Chief is affirmed.

Court of Appeals of the District of Columbia.

SAWYER v. STRAUSS.

No. 1,910. Decided March 7, 1927.

INTERFERENCE—PRIORITY—ORIGINALITY.

Evidence reviewed and held to establish that Strauss was not an original inventor of the invention in issue but derived his knowledge thereof from Sawyer.

APPEAL from the Patent Office. Reversed.

Mr. Joshua R. H. Potts for Sawyer.

Mr. Donald M. Carter and Mr. John S. Barker for Strauss.

Before MARTIN, Chief Justice, and ROSS and VAN ORSDEN, Associate Justices.

ROSS, J.:

This is an appeal from a decision of an Assistant Commissioner of Patents, in an interference proceeding, awarding priority to the senior party, Strauss.

The invention involves a yielding barrier adapted to extend across roadways at railroad crossings, bridges, etc., to stop automobiles and other vehicles, and is equipped with means for relieving the strain incident to impact.

Sawyer filed December 27, 1921. In his preliminary statement he alleged conception and disclosure in July and drawings on September 29, 1921. Strauss filed November 28, 1921 (a month earlier than Sawyer), and in his preliminary statement alleged conception in June and disclosure on the first day of October, 1921.

The Examiner of Interferences, after an exhaustive review of the voluminous testimony, awarded priority to Sawyer. The Board of Examiners in Chief reversed that ruling and the Assistant Commissioner, in a memorandum decision, adopted the views of the Board.

Sawyer is an engineer of wide experience and particularly skilled in this art. On September 27th and 28th, 1921, there were completed under his supervision eight yielding barriers by the Great Lakes Dredge & Dock Company, for the Board of Local Improvements of the city of Chicago, at the Michigan Boulevard Bridge. On those days these barriers, which were of a type different from that of the barrier involved in this interference, were successfully tested by the city engineers.

Mr. Strauss, also an engineer of wide experience, had caused to be constructed a yielding barrier and on the 29th of September, 1921, he invited a number of engineers and others, including Mr. Sawyer, to witness its test, and arranged to have a special train carry his guests to the scene. The Examiner of Interferences found this test to have been a failure, and of it the Board said: "It seems to have been generally conceded that the barrier failed." In returning to Chicago, Mr. Sawyer discussed with an engineer by the name of Sumner the causes of the failure, and Sawyer, according to the testimony of Sumner, had definite ideas as to how the barrier could be improved. While this discussion was taking place, a Mr. Kaufman, contracting engineer and assistant secretary of the Strauss Bascul Bridge Company of which Mr. Strauss was president, stopped at the seat occupied by Sawyer and Sumner and engaged briefly in the discussion. As a result, he went into another car, saw Mr. Strauss, returned and invited Sawyer to visit Strauss at his office the day following, or September 30, 1921. Sawyer accepted this invitation and kept the appointment. He says that he then disclosed the invention to Strauss, but Strauss denies this.

The Examiner of Interferences has found, and we concur in the finding, that Sawyer was in possession of the invention prior to the interview with Strauss, and that Strauss was not. It is not disputed that Sawyer was offered employment by Strauss as soon as he, Sawyer, had completed the work in which he then was engaged, and that his work was to be the development of barriers. On December 1, 1921, Sawyer reported to the Strauss Company and was tendered a written contract, as to the terms of which there is a dispute. Sawyer testified that this contract, which was signed by the Strauss Company, contained a provision that he, Sawyer, would assign any invention covering yielding barriers he already had made; that he made

time is not whether Mead's abandoned application has the evidentiary value which he contends that it has but whether he is entitled to have it considered at all. The fact that in the judgment of the Examiner of Interferences the evidence which a party brings forward is not such evidence as will justify an award of priority to him will not warrant a judgment against him prior to final hearing.

If judgment should be rendered against Mead at the present time he would have, under the statutes, a right of appeal all the way to the court of appeals and, if he should take such appeals and the judgment should be adverse, times would then have to be set for taking testimony by the remaining parties. The fact that the other parties have agreed among themselves as to how the case may be settled among them is not deemed to change the situation. It is not believed that the court of appeals would look with favor upon this Office sending up interferences piecemeal. The parties now having notice that Mead proposes to rely upon that abandoned application and to make the contention above noted, based on *The Milburn v. Davis-Bournonville* decision, can elect to stand upon their filing dates or to produce such testimony to establish the dates of inventions previously alleged as they may see fit. When the parties other than Mead have either presented their testimony or waived their right to take such testimony, either expressly or by taking no testimony within the times set, the case will then be ready for final hearing before the Examiner of Interferences and all questions can be considered at one time.

The petition is denied.

EX PARTE SMART.

Decided November 1, 1926.

1. APPLICATION—DELAYED PROSECUTION—FINAL REJECTION BASED ON REFERENCE ORIGINALLY CITED—NOT PREMATURE.

Where an application has been pending for a long time and has been considered by the Examiner eight times, a final rejection based upon a patent cited in the first office action *Held* not premature.

2. PATENTABILITY—SUBSTITUTION OF EQUIVALENT—NOT INVENTION.

Where a claim for an electric heater differs from what is shown in a prior patent only in substituting for the slidable detachable connections thereof an old two-blade plug socket, *Held* that this did not constitute invention since the two features are equivalents of each other and that it is immaterial that these features never have been used together in one construction.

[This application has resulted in Patent No. 1,634,046.]

APPEAL from Examiners in Chief.

Application for patent for electric heaters.

Mr. Russell Sutherland Smart pro se.

KINNAN, First Assistant Commissioner:

The applicant has appealed from the decision of the Examiners in Chief, affirming that of the Primary Examiner, denying patentability to claims 1,

3, 5, and 6, of which claim 1 will serve for illustrative purposes and is as follows:

1. In an electric heater, a heating coil, a socket symmetrically located in regard to a heating coil, and a connecting means adapted to support the heating coil in advance of and extending transversely across the socket having sliding contact therewith, and detachable from the socket by a pull in a direction transverse of the coil.

The reference, relied upon is: Shoenberg, 1,109,551, September 1, 1914.

[1] The applicant in his brief on appeal complains that the Examiner was in error in finally rejecting the appealed claims and contends the rejection was not in accordance with the prevailing practice of this Office because the rejection upon the patent to Shoenberg alone was made for the first time on August 2, 1923, and that the finally rejected claims had been amended and were not twice acted upon.

This case presents an unusual and unjustifiable record. The construction involved is exceedingly simple and yet the application has been pending nearly nine and one-half years. The reference relied upon was cited in the first action in the case over nine years ago, and for the last seven years the case has been pending before the Examiner no new references were cited. Eight times the Examiner has reviewed the claims for this simple construction. He should have closed the prosecution of the case before him years ago. The great amount of work presented to this Office precludes such numerous reconsiderations in a case of this character. The applicant has no basis for complaint that the Examiner finally closed the prosecution of the case before him when he did. The applicant certainly has been given an opportunity to present any and all claims that he reasonably could have desired to have reviewed.

[2] The claims relate to the mounting of the heating coil transversely and in advance of the supporting socket by sliding connections detachable from the socket by a pull in a direction transverse of the coil. Although the applicant states in his brief that his invention consists among other things of "a single terminal socket symmetrically located in regard to the heating coil and provided with two spaced terminals," yet only claim 3 specifies these details. The other three claims are broader as to this feature. Claim 1 states that the socket is symmetrically located in regard to the heating coil and claim 6 specifies the socket is symmetrically located in the base of the reflector. Claim 5 broadly recites that the socket has connecting means adapted to support the coil in advance of the socket by sliding contact with the socket which can be detached by a pull in an outward direction.

Shoenberg shows the heating coil extending transversely and in advance of the supporting sockets 8, 8, within the reflector. The position is substantially the same as that disclosed by the applicant. The terminals of the heating coil of the reference are made to slide in the connecting sockets and are there held by set screws indicated at 12, 12. By loosening the set screws sufficiently, the coil may be removed by a pull in an outward direction caus-

ing the terminals 3', 3', to slide out of the sockets 8, 8. This reference alone fully meets claim 5. It is settled practice that a claim must be interpreted as broadly as the fair import of its terms will allow. *Miel v. Young*, 128 O. G. 2532, 29 App. D. C. 481. If the applicant intends a specific or different meaning should be given his terms, he should employ such terms as will make his meaning unquestionable. The other claims 1, 3, and 6 are but for substituting for Shoenberg's particular type of sliding detachable connections 3', 3', and 8, 8, the usual two blade plug socket arrangement, old and widely used in making electric connections. The Examiner stated that this connection is so old and common in various electrical devices and so well known by nearly every one connected with or using electrical devices that it is not deemed necessary to cite specific examples thereof. It may well be he should have cited an example of this form of two blade plug socket switch which has been in wide public use for the past twenty years or more, and such a patent is that to Hubbell, No. 774,251, November 8, 1904, wherein the socket plug D, which is supposed to screw into the ordinary lamp socket, is provided with blade sockets 23, into which the two blades 25, 25, are made to pass. It is believed there was nothing inventive in adopting the Hubbell socket plug and sliding contact blades in place of the separated sockets and sliding contact terminals of Shoenberg in the latter's arrangement for supporting the heating coil. It is not material that these features were never used together before in one construction. Such features are equivalents, one of the other, and no new combination nor new combined result is obtained by the substitution of one old type of detachable transversely sliding switch for another old type.

The decision of the Examiners in Chief is affirmed.

Court of Appeals of the District of Columbia.

SAWYER v. STRAUSS.

No. 1,910. Decided March 7, 1927.

INTERFERENCE—PRIORITY—ORIGINALITY.

Evidence reviewed and held to establish that Strauss was not an original inventor of the invention in issue but derived his knowledge thereof from Sawyer.

APPEAL from the Patent Office. Reversed.

Mr. Joshua R. H. Potts for Sawyer.

Mr. Donald M. Carter and Mr. John S. Barker for Strauss.

Before MARTIN, Chief Justice, and ROBB and VAN ORSDOL, Associate Justices.

ROBB, J.: This is an appeal from a decision of an Assistant Commissioner of Patents, in an interference proceeding, awarding priority to the senior party, Strauss.

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a copy of the contract and submitted the original and copy to an engineer by the name of Leyden, an entirely disinterested party, who witnessed the same. Mr. Leyden testified that Sawyer came to his office and showed him a contract which he proof read with Sawyer. He then was asked whether he would recognize that proposed contract or offer of employment if he saw it again, and replied in the affirmative. When further asked whether he would recognize the copy made from this proposed contract, he again replied in the affirmative. Thereupon he identified both original and copy. He then was asked how, when he proof read this copy with the original, the copy compared with the original, and answered: "The copy in no way differed from the original contract." Cross examination failed in any way to change the testimony of this witness. The testimony of Mr. Sumner, who was present, is corroborative of that of Mr. Leyden.

Mr. Sawyer refused to sign this proposed contract and a new contract, eliminating the objectionable provision, was prepared and signed. We are convinced that the original or proposed contract contained the provision testified to by Sawyer and his witnesses. In the first place, it is extremely improbable that such a writing could be the product of imagination, and, in the second place, Mr. Leyden is a gentleman of education and character, whose testimony is not to be discredited without reason. Moreover, the surrounding circumstances are consistent with the testimony. The importance of this item of testimony, of course, is that if Strauss did not then believe that Sawyer had the invention, there was no necessity for obligating Sawyer to assign it.

We already have said that Mr. Strauss is an engineer of experience. The record also discloses that he is experienced in patent matters. When, therefore, he prepared his preliminary statement, he must have appreciated fully the importance of accuracy. He had every reason to believe that Sawyer would claim the same invention and that the element of time would be controlling. On oath he stated that he disclosed the invention on the first day of October, 1921. Upon the taking of testimony he served notice that he would move to amend his preliminary statement, but no such motion was filed and, had it been, must have been denied in the circumstances. We have said that it is always a suspicious circumstance when a party to an interference, after seeing his adversary's dates, attempts to put back his own date as set out in his preliminary statement, and that an amendment upon so important a point should not be allowed unless the interests of justice plainly demand it. *Parker v. Appert*, 75 O. G. 1201; 8 App. D. C. 270, 276; *Hammond v. Busch*, 115 O. G. 804; 24 App. D. C. 469, 473; *Fowler v. McBerty*, 121 O. G. 1015; 27 App. D. C. 41, 44. In his preliminary statement Mr. Strauss alleges conception in June, but it is significant that when he made that statement he was unwilling to go farther and say that he then disclosed it to anyone. In his testi-

mony, however, he was quite certain that he had disclosed it to Kaufman.

Strauss introduced in evidence two sketches, Exhibits Nos. 18 and 23, dated respectively September 5th and 12th, 1921, and signed by himself and a Mr. Hopkins, an engineer in the employ of the Strauss Company at the time of the occurrences in question. These sketches disclose the invention and Mr. Strauss testifies that they were made on the dates they bear. Mr. Hopkins, however, "could not reconcile the dates with the sequence of events" because "my (his) recollection is that this particular problem was not discussed until after the tests made on the Austin Avenue barrier on September, 29, 1921." Mr. Hopkins further testified that he was in New York city from September 6th to 14th, 1921, and therefore could not have signed the sketch in Chicago on September 12th. The blueprint, Exhibit No. 19, evidently made from sketch Exhibit No. 18, bears no date and the original is claimed to have been lost. This is another very suspicious circumstance. If Strauss was in possession of the invention prior to the Austin Avenue test on September 29th, the comment of the Examiner of Interferences on this phase of the case is pertinent:

If Strauss had an adequate conception of the invention and ample faith in a physical embodiment of it as a triumph over the existing difficulties experienced by the continuous breaking of the operating chains, it is unexplained why a suitable device embracing his conception was not incorporated in the Austin Avenue barrier or in the Hudson County barrier testified about by Hopkins. Nor is it explained, if he already knew the proper remedy of the difficulty, why he sought to learn the details of the cure for the ills that the Austin Avenue tests brought out which Sawyer had disclosed to Kaufman.

It also is inconceivable, if Strauss was in possession of the invention when he had the interview with Sawyer on September 30th, that he should have made no mention of it to Sawyer at that time. He not only failed to mention this to Sawyer but, as we have seen, subsequently employed Sawyer to work on barriers.

We think the conclusion irresistible that Strauss derived his knowledge of the invention from Sawyer, and for a detailed discussion of the evidence shall refer to the decision of the Examiner of Interferences. The decision is reversed and priority awarded Sawyer.

Reversed.

Court of Appeals of the District of Columbia.

IN RE HADDEN.

No. 1362. Decided May 26, 1927.

1. DESIGNS—APPEARANCE NOT UTILITY CONTROLLING.

Since the amendment of Section 4929, Revised Statutes, on May 9, 1902 (32 Stat. 193), eliminating the word "useful" from the statute, a design patent has had reference to appearance and not utility. It may now properly apply to the article of manufacture as a whole, if the general effect is pleasing and ornamental.

2. SAME—GRANDSTAND—ARTICLE OF MANUFACTURE.

A grandstand held to be an article of manufacture and a design therefor held ornamental and patentable.

APPEAL from the Commissioner of Patents. Reversed.

Mr. John M. Jester and Mr. Robert W. Byerly for Hadden.

Mr. T. A. Hosteller for Commissioner of Patents.

Before MARTIN, Chief Justice, and ROBB and VAN ORSDER, Associate Justices.

ROBB, J.:

Appeal from a Patent Office decision refusing to allow applicant's claim covering a design for a grandstand, on the ground that, although it may be a manufacture, it is not an article of manufacture.

In his specification applicant thus characterizes his design:

The essential feature of the new design consists in the fact that the outer edge of each side of the grandstand is bowed outwardly from the lines of the side seats, as shown in Fig. 1, and is higher at the center and decreases in height toward the ends, being substantially elliptical in said elevation, as shown in Fig. 2.

That grandstands as heretofore constructed are seldom pleasing to the eye is a conservative statement. Counsel for the applicant, in his brief, quotes from an article by applicant on "Modern Athletic Stadia," in which he speaks of this as follows:

It is in its elevation that this design shows its greatest novelty and it is this feature which gives the structure its distinctive architectural appearance. The cutting off of the straight rising tiers of seats with their vertical curve or slope by the cylindrical outer wall causes a sky line which consists of a series of convolutions.

We are of the view that the construction of a grandstand in accordance with this design will produce an ornamental and pleasing structure. The Patent Office was doubtful on this point, the Commissioner saying:

In a structure of the size here involved, the average user would get little definite notion of any ornamental feature in the entire structure. . . . While seated in the grandstand, an observer could, possibly, obtain some idea of the curve of the opposite and lateral tiers of seats but it is doubtful if he would be impressed with the view that there was anything ornamental or beyond mere utility in the construction exhibited by the curved tiers of seats.

[1] Since the amendment of section 4929, Revised Statutes, on May 9, 1902, (32 Stat. 193), eliminating the word "useful" from the statute, a design patent has had reference to appearance and not utility. *Rowe v. Blodgett*, 103 Fed. 873, affirmed in 112 Fed. 62. It may now properly apply to the article of manufacture as a whole, if the general effect is pleasing and ornamental. *Mygatt v. Schaffer*, 218, Fed. 827; *Foster & Bros. Co. v. Tilden-Thurber Co.*, 200 Fed. 54. The Lincoln Memorial in this city is a good example of such a design. In other words, it is the form of the structure as a whole to which we must look.

Article 1, section 8, of the Constitution empowers Congress "to promote the progress of science and useful arts, by securing for limited times to authors and inventors the exclusive right to their respective writings and discoveries."

Section 4886, Revised Statutes, provides that "any person who has invented or discovered any new and useful art, machine, manufacture, or composition of matter, or any new and useful improvements thereof," etc., may obtain a patent therefor.

Section 4929, Revised Statutes, provides: "Any person who has invented any new, original, and ornamental design for an article of manufacture," etc., may obtain a patent therefor.

In *Crier v. Innes*, 170 Fed. 324, it was held by the Circuit Court of Appeals for the Second Circuit that a sarcophagus monument is an article of

manufacture, within the meaning of section 4929, Revised Statutes, and a proper subject for a design patent.

In *Riter-Conley Mfg. Co. v. Aiken*, 203 Fed. 699, it was ruled that a building is a "manufacture" within the meaning of section 4886, Revised Statutes, and a proper subject matter for patent. The court said:

We must not be misled by the factors of size and immobility. The Pyramids, by reason of their bulk and solidity, are none the less a manufacture, as distinguished from a natural object.

Again, in *International Mausoleum Co. v. Sievert*, 213 Fed. 225, it was ruled that an improvement in mausoleum construction, by bringing together various parts so as to form a complete whole, is patentable as a manufacture. In that case the court considered two decisions of the Supreme Court of the United States, cited by the appellee here, and found them not controlling. The cases are *Jacobs v. Baker*, 7 Wall. 295, and *Fond du Lac County v. May*, 137 U. S. 395. In the first of these cases, as pointed out in the *International Mausoleum Co.* case, Justice Grier of the Supreme Court expressed the view that an improvement in the plan of construction of a jail would not be within the patent statute, but the question was not expressly decided, as the bill was dismissed on other grounds. In the second case, while there was an allusion to the first, the decision rested upon other grounds.

In *Turner v. Quincy Market*, 225 Fed. 41, a concrete warehouse was ruled to be within the term "manufacture," the court observing that this term is very broad and that it could not be limited with safety in a general way.

[2] As already indicated, the Commissioner in his decision observed that "the structure disclosed by the appellant is a manufacture in the broad sense," but expressed a doubt as to whether it was an article of manufacture. It is to be noted that the Commissioner did not undertake to classify it as anything else. We attach no significance to the fact that in section 4886, Revised Statutes, the word "manufacture" is used alone, while in the section covering design patents the word is used in connection with "article." It is difficult to perceive how a thing may be a manufacture without producing an article of manufacture. The Commissioner, with commendable frankness, said: "It is difficult to attempt a definition of an article of manufacture. Curiously enough, if the grandstand as made by appellant were of a toy character, one that could be picked up and carried around, purchased in a store and carried home or delivered by the use of a delivery vehicle, the device would be an article of manufacture." But, as pointed out by the court in the *Riter-Conley Mfg. Co.* case, size and immobility do not determine the question.

We are of the view that the applicant has produced a new, original, and ornamental design for an article of manufacture and is entitled to a patent therefor. The decision therefore is reversed. Reversed.

Patent Suits.

[Notices under sec. 4921, R. S., as amended Feb. 18, 1922.]

1,040,321, G. A. Henderson, Composite timber; 1,264,932, same, Bituminous binder and making same; 1,464,482, same, Bituminous concrete; 1,370,815, same, Pavement and process of making; 1,409,104, Henderson & Stephenson, same; 1,370,637, 1,187,314, 1,409,088, R. G. Erwin, Plastic composition and process of making, appeal filed Aug. 31, 1927, 4th Cir., Doc. 2063, G. A. Henderson v. The Richardson Co. et al.

1,176,322, Schumacher & Schumacher, Process of making plaster board; 1,286,801, 1,259,049, same, Apparatus for finishing plaster board; 1,327,446, same, Plaster board; 1,333,579, J. Schumacher, same, filed Nov. 22, 1924, D. C., S. D. Calif. (Los Angeles), Doc. I-52-M, Schumacher Development Corp. et al. v. Buttress Mfg. Co. Dismissed without prejudice Aug. 26, 1927.

1,187,314. (See 1,040,321.)

1,259,049. (See 1,176,322.)

1,264,932. (See 1,040,321.)

1,286,801. (See 1,176,322.)

1,312,009, 1,454,088, H. C. Thrift, Pipe-pulling device, filed Nov. 3, 1925, D. C., S. D. Calif. (Los Angeles), Doc. E J-72-J, Thrift Corp. v. Star Drilling Machine Co. et al. Dismissed July 27, 1927.

1,327,446. (See 1,176,322.)

1,333,579. (See 1,176,322.)

1,370,637. (See 1,040,321.)

1,370,815. (See 1,040,321.)

1,378,307. (See 1,392,629.)

1,386,418, C. D. Miller, Auxiliary windshield, filed Feb. 28, 1924, D. C., S. D. Calif. (Los Angeles), Doc. H-64-B, G. C. De Garma et al. (Sunset Specialty Co.) v. Hillman Mfg. Co. et al. Dismissed without prejudice Aug. 26, 1927.

1,392,629, C. P. Dubbs, Converting hydrocarbons; 1,484,445, 1,522,425, 1,534,927, 1,550,607, 1,551,090, 1,525,281, same, Method of treating hydrocarbons; 1,488,325, same, Method and apparatus for treating petroleum; 1,546,634, same, Apparatus for treating petroleum; 1,517,830, Egloff & Benner, Carbonaceous fuel; 1,378,307, W. H. Young, Apparatus for cracking and refining petroleum products; 1,628,270, R. T. Pollock, Process and apparatus for cracking petroleum oil, filed Sept. 1, 1926, D. C., S. D. N. Y., Doc. E 43/56, Universal Oil Products Co. v. Standard Oil Co. of New York.

1,409,088. (See 1,040,321.)

1,409,104. (See 1,040,321.)

1,454,088. (See 1,312,009.)

1,464,482. (See 1,040,321.)

1,484,445. (See 1,392,629.)

1,488,325. (See 1,392,629.)

1,489,940, S. Hiller, Process and apparatus for treating materials; 1,551,152, 1,551,196, same, Dryer, filed Feb. 8, 1926, D. C., S. D. Calif. (Los Angeles), Doc. E J-116-J, S. Hiller, Inc., v. Westgate Sea Products Co. Dismissed July 27, 1927. Doc. E J-119-J, S. Hiller, Inc., v. French Sardine Co. Dismissed July 27, 1927.

1,517,830. (See 1,392,629.)

1,622,425. (See 1,392,629.)

1,525,281. (See 1,392,629.)

1,534,927. (See 1,392,629.)

1,546,634. (See 1,392,629.)

1,550,607. (See 1,392,629.)

1,551,090. (See 1,392,629.)

1,551,152. (See 1,489,940.)

1,551,196. (See 1,489,940.)

1,628,270. (See 1,392,629.)

Re. 13,428, W. L. Murphy, Disappearing bed, filed July 19, 1923, D. C., S. D. Calif. (S. Div.), Doc. G-124-J, Murphy Wall Bed Co. et al. v. Los Angeles Wall Bed Co. Dismissed July 27, 1927.

Adverse Decisions in Interference.

In interferences involving the indicated claims of the following patents final decisions have been rendered that the respective patentees were not the first inventors with respect to the claims listed:

Reissue Pat. 15,725, S. S. Bonel, Vehicle body construction and upholstery therefor, decided October 6, 1927, claims 9, 10, 17, and 19.

Pat. 1,519,475, A. W. Altorfer, Washing machine, decided September 13, 1927, claim 9.

Pat. 1,561,264, E. M. Mayer, Child's vehicle, decided January 8, 1927, claim 1.

Interference Notice.

U. S. PATENT OFFICE, Washington, Sept. 28, 1927.

The heirs, assigns, or legal representatives of William C. Walker, deceased, take notice:

An interference has been declared by this Office between the applications for patent of William C. Walker, 1430 Cherry Avenue, Long Beach, Calif.; Thomas M. Hardesty, 3016 East Seventh Street, Long Beach, Calif.; Archie A. MacDonald, care of Hughes Tool Company, Los Angeles, Calif.; Fred Mahaffey, 112 Magnolia Avenue, Long Beach, Calif.; and Harry P. Wickersham, care of Bash Ross Tool Company, Box 1110, Arcade Station, Los Angeles, Calif. The Office having been notified of the death of Walker, a time was set within which the legal representatives of Walker should intervene. This time having expired and no response having been made on behalf of the heirs, assigns, or legal representatives of Walker, notice is hereby given that unless said heirs, assigns, or legal representatives shall enter an appearance therein within 80 days from the first publication of this order the interference will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

WM. A. KINNAN,
First Assistant Commissioner.

Notices of Cancellation.

U. S. PATENT OFFICE, Washington, Oct. 4, 1927.

The Q. T. Manufacturing Co., its assigns or legal representatives, take notice:

A cancellation proceeding having been instituted by this Office upon the application of Clarence B. Jordan, of 1031 South Broadway, Los Angeles, Calif., to effect the cancellation of the trade-mark registration of The Q. T. Manufacturing Co., of 108 John Street, New York, N. Y., No. 148,221, dated November 8, 1921, and the notice of such proceeding sent by registered mail to the said The Q. T. Manufacturing Co. at the said address having been returned by the post office as undeliverable, notice is hereby given that unless said The Q. T. Manufacturing Co., its assigns or legal representatives, shall enter an appearance therein within 30 days from the first publication of this order the cancellation will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

WM. A. KINNAN,
First Assistant Commissioner.

U. S. PATENT OFFICE, Washington, Oct. 6, 1927.

Otto W. Breustedt, his assigns or legal representatives, take notice:

A cancellation proceeding having been instituted by this Office upon the application of Lysol, Incorporated, of Bloomfield, N. J., to effect the cancellation of the trade-mark registration of Otto W. Breustedt, of 219 South Alamo Street, San Antonio, Tex., No. 83,887, dated September 12, 1911, and the notice of such proceeding sent by registered mail to the said Breustedt at the said address having been returned by the post office as undeliverable, notice is hereby given that unless said Breustedt, his assigns or legal representatives, shall enter an appearance therein within 80 days from the first publication of this order the cancellation will be proceeded with as in case of default. This notice will be published in the OFFICIAL GAZETTE for three consecutive weeks.

WM. A. KINNAN,
First Assistant Commissioner.

TRADE-MARKS

OFFICIAL GAZETTE, OCTOBER 25, 1927.

[Vol. 363. No. 4.]

The following trade-marks are published in compliance with section 6 of the act of February 20, 1905, as amended March 2, 1907. Notice of opposition must be filed within thirty days of this publication.

Marks applied for "under the ten-year proviso" are registrable under the provision in clause (b) of section 5 of said act as amended February 18, 1911.

As provided by section 14 of said act, a fee of ten dollars must accompany each notice of opposition.

CLASS 1.

RAW OR PARTLY-PREPARED MATERIALS.

Ser. No. 227,687. JACOB RITWE, doing business as Holland Varnish Co., Jersey City, N. J. Filed Feb. 23, 1926.



The lining in the drawing indicates the color red. The words "Jersey City, N. J." in the drawing are disclaimed apart from the other features of the mark as shown.

Particular description of goods.—Shellac Gum Compounds.

Claims use since about January, 1925.

Ser. No. 236,891. REGAL SHOE COMPANY, Whitman, Mass. Filed Sept. 4, 1926.



The word "Calf" is disclaimed apart from the trade-mark as actually shown in the drawing.

Particular description of goods.—Calfskins.

Claims use since December, 1897.

Ser. No. 251,990. RAINIER PULP AND PAPER CO., Shelton, Wash. Filed July 13, 1927.



The words "Sulphite Pulp" and "Trade Mark" are disclaimed except as used in connection with the balance of the mark as shown.

Particular description of goods.—Wood Pulp.

Claims use since June 8, 1927.

Ser. No. 253,458. THE CONSOLIDATION COAL COMPANY, New York, N. Y. Filed Aug. 15, 1927.

MARINER

Particular description of goods.—Coal.

Claims use since Aug. 9, 1927.

Ser. No. 253,459. THE CONSOLIDATION COAL COMPANY, New York, N. Y. Filed Aug. 15, 1927.

PLANTER

Particular description of goods.—Coal.

Claims use since Aug. 9, 1927.

Ser. No. 253,460. THE CONSOLIDATION COAL COMPANY, New York, N. Y. Filed Aug. 15, 1927.

FORTY-NINER

Particular description of goods.—Coal.

Claims use since Aug. 9, 1927.

Ser. No. 253,462. THE CONSOLIDATION COAL COMPANY,
New York, N. Y. Filed Aug. 15, 1927.

CAVALIER

Particular description of goods.—Coal.
Claims use since Aug. 9, 1927.

Ser. No. 253,824. ANCHOR COAL COMPANY, Cleveland,
Ohio. Filed Aug. 23, 1927.

ANCHOR

Particular description of goods.—Coal.
Claims use since 1913.

Ser. No. 253,891. HOWE WASTE & PACKING COMPANY,
Wyoming, R. I., and Taunton, Mass. Filed Aug. 24,
1927.

Howe

Particular description of goods.—Wool Waste and Cot-
ton Waste.
Claims use since on or about June 27, 1927.

Ser. No. 254,315. WESTERN COAL & COKE CO., Milwau-
kee, Wis. Filed Sept. 2, 1927.

SULTANA

Particular description of goods.—Bituminous Coal.
Claims use since Dec. 1, 1926.

CLASS 2. RECEPTACLES.

Ser. No. 237,127. THE LE MONTREE MFG. COMPANY,
Cincinnati, Ohio. Filed Sept. 11, 1926.

MOTH-O-NO

Particular description of goods.—Moth-Proof Bag.
Claims use since May 10, 1926.

Ser. No. 246,440. THE ROYCROFTS, East Aurora, N. Y.
Filed Mar. 26, 1927.

Roycroft



Particular description of goods.—Vases, Wastebaskets,
and Trophies—Namely, Loving Cups, All of Base Metal.
Claims use since about 1908.

Ser. No. 249,492. THE THOMPSON AND NORRIS COMPANY,
Brooklyn, N. Y. Filed May 24, 1927.



The word "Mailer" is hereby disclaimed as part of the
trade-mark sought to be registered.

Particular description of goods.—Paper and Cardboard
Mailing Wrappers, Mailing Receptacles, and Envelopes
for Shipping Merchandise.

Claims use since May 1, 1927.

CLASS 3.

BAGGAGE, ANIMAL EQUIPMENTS, PORTFOLIOS, AND POCKET-
BOOKS.

Ser. No. 242,844. NORTH AND JUDD MANUFACTURING
COMPANY, New Britain, Conn. Filed Jan. 14, 1927.

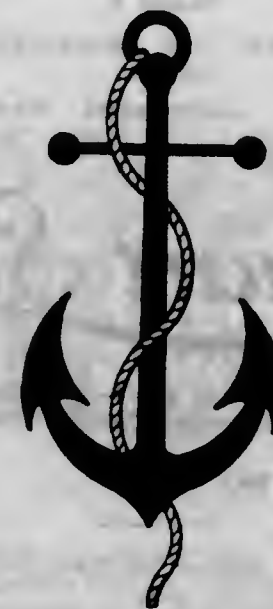
ANCHOR BRAND

No claim is made to the word "Brand" apart from
the mark shown in the drawing.

Particular description of goods.—Accessories for Har-
ness and Saddlery of All Kinds—Namely, Buckles, Spring-
Lever Buckles, Slide Buckles, Patent-Lever Buckles,
Buckles for Web Straps, Buckles for Ski Straps, Grommets
and Washers, Web Strap Tips, Belt Buckles with Rolling
Bar, Belt Buckles with Adjustable Cam Lever, Repair Buckles,
Quick-Release Buckles, Buckle Parts, Blanket Buckles, Trace
Buckles, Double-Grip Buckle Parts Comprising Screw Balls
and Tongues, Bridle Buckles, Cinch Buckles, Logging Buckles,
Shield Reverse Buckles, Tug Buckles, Baggage Buckles, Rein
Buckles, Snaps, Bag Snaps, Swivel Bag Snaps, Blanket Snaps,
Trigger Snaps, Hubbard Snaps, Swivel-Eye Chain Snaps,
Loop Snaps, Bolt Snaps, Swivel-Eye Snaps, Open-Eye Bolt
Snaps, Hinged-Eye Bolt Snaps, Double Bolt Snaps, Safe-
guard Snaps, Swivel-Eye Safeguard Snaps, Harness Snaps,
Bit, Muzzle, and Breeching Snaps, Rope Snaps, D Rings
and Clasps, Teamster Snaps; Teamster Snaps, Rights and
Lefts; Choke Snaps, Choke Snaps with Screw and Roller;
Neck-Yoke Snaps without Roller and with Loose Rivet;
Brenst-Strap Roller Snaps, Snaps and Slides, Chain Snaps,
Brenst-Chain Snaps, Brenst-Chain Snaps with Oscillating
Slide, Brenst Chains with Snaps, Heel Chains and Snaps,
Chain-Repair Links, Rings, Ring Tongues, D's, Pole-Strap
D's, Breeching D's, Repair D's, Cinch Rings and D's, Cheek
D's, Harness Loops; Harness Loops, Two Fold; Loops, Hitch
Strap, Shaft Tug, Etc.; Layer Loops, Trace Loops, Spread
Loops, Squares, Tuck Loops, Terrets, Terrets and Hooks,
Collars and Soft-Pad Terrets, Safety Check Hooks, Pad Hooks,
Post Hooks, Turn-Back Hooks, Express Hooks, Pad Screws,
Pad-Plate Screws, Self Adjusting Trees, Glg Saddle Trees,
Pad Bridges, Bearer Loops, Backband Loops, Glg Saddle
Clips and D's, Gag Swivels, Metal Ornaments for Saddlery
and Harness; Halter Hardware Comprising Halter Bolts,
Swivels, Combined Loops and Rings, Rope Clamps and Rings,
Rope Tie Adjusters, Rope Thimbles, Rope Halter Sets, and
Web Halter Trimmings, and Bridle and Halter Squares;
Hames and Hame Trimmings and

Attachments and Repair Parts Comprising Hames, Hame
Balls, Hame Fasteners, Hame Terrets, Hame Bottom
Loops, Hame-Repair Clips, Hame Staples, Hame Line
Rings and Studs, Hame Clips, Hame Attachments, Hooks
for Hames, Ratchets for Hames, Hame Tug Plates;
Cockeyes, Cockeye Clips, Steel Clips, Trace Clips, Toggles,
Jointed Trace Connectors, Trace Hooks, Tug Hooks, Hooks
and D's, Trace D's, Clevises, Trace Splices, Breeching
Loops, Trace Loops, Jockey-Strap Loops and Rings, Trace
Supporters, Brenst-Strap Slides, Backband Hooks, Trace
Carriers, Trace Carriers and Rump Rings, Bits, Snaffles,
Rein Chains, Curb Chains, Spurs, Spur Rowels, Spur
Straps, Stirrups, Buckle Shields, Collar Fasteners, Honda
or Lasso Rings, Rein Billet Steels, Collar Strap Slides,
Rein Slides, Rein or Satchel Hooks, Hammock D's, Rein
Holders, Mane Combs, Saddle Trimmings, Buttons;
Blanket Hardware Comprising D's, Slides, Loops, Catches,
Front Sets, Clasps, Hook and Eye; Handy Hardware
Assortment for Repairs; Trunk and Bag Hardware Com-
prising Buckles, Handle Loops, Wardrobe-Trunk Drawer
Pulls, Handle Loops, Shawl-Strap Handles, and D's;
Dog-Collar Trimmings Comprising Buckles and Name
Plates, Lead-Rein Holders, Double Eye and Loop, Stud
Hooks, Stirrup-Strap Loops, Brenst-Strap Hooks, Side
and Back Strap Hooks, Side Line Fasteners, Lariat
Hook Link and Thimble, Sliding Keepers for Strap Ends,
Clips for Strap Ends, Fasteners for Application to Strap
Ends, End Hooks, Sling Loops, Double Hooks, Choke
Staples and Plates, and Knapsack Hardware.
Claims use since Sept. 6, 1878.

Ser. No. 242,845. NORTH AND JUDD MANUFACTURING COM-
PANY, New Britain, Conn. Filed Jan. 14, 1927.



Particular description of goods.—Accessories for Har-
ness and Saddlery of All Kinds—Namely, Buckles, Spring-
Lever Buckles, Slide Buckles, Patent-Lever Buckles,
Buckles for Web Straps, Buckles for Ski Straps, Grom-
mets and Washers, Web Strap Tips, Belt Buckles with
Rolling Bar, Belt Buckles with Adjustable Cam Lever,
Repair Buckles, Quick-Release Buckles, Buckle Parts,
Blanket Buckles, Trace Buckles, Double-Grip Buckle
Parts Comprising Screw Balls and Tongues, Bridle
Buckles, Cinch Buckles, Logging Buckles, Shield Reverse
Buckles, Tug Buckles, Baggage Buckles, Rein Buckles,
Snaps, Bag Snaps, Swivel Bag Snaps, Blanket Snaps,
Trigger Snaps, Hubbard Snaps, Swivel-Eye Chain Snaps,
Loop Snaps, Bolt Snaps, Swivel-Eye Snaps, Open-Eye
Snaps, Hinged-Eye Bolt Snaps, Double Bolt Snaps, Safe-
guard Snaps, Swivel-Eye Safeguard Snaps, Harness Snaps;
Bit, Muzzle, and Breeching Snaps; Rope Snaps, D Rings
and Clasps, Teamster Snaps; Teamster Snaps, Rights and
Lefts; Choke Snaps, Choke Snaps with Screw and Roller;
Neck-Yoke Snaps without Roller and with Loose Rivet,

Brenst-Strap Roller Snaps, Snaps and Slides, Chain
Snaps, Brenst-Chain Snaps, Brenst-Chain Snaps with
Oscillating Slide, Brenst Chains and Snaps, Heel Chains
and Snaps, Chain-Repair Links, Rings, Ring Tongues,
D's, Pole-Strap D's, Breeching D's, Repair D's, Cinch
Rings and D's, Cheek D's; Harness Loops; Harness
Loops, Two Fold; Loops, Hitch Strap, Shaft Tug, Etc.;
Layer Loops, Trace Loops, Spread Loops, Squares, Tuck
Loops, Terrets, Terrets and Hooks, Collars and Soft-Pad
Terrets, Safety Check Hooks, Pad Hooks, Post Hooks,
Turn-Back Hooks, Express Hooks, Pad Screws, Pad-
Plate Screws, Self Adjusting Trees, Glg Saddle Trees, Pad
Bridges, Bearer Loops, Backband Loops, Glg Saddle Clips
and D's, Gag Swivels, Metal Ornaments for Saddlery
and Harness; Halter Hardware Comprising Halter Bolts,
Swivels, Combined Loops and Rings, Rope Clamps and
Rings, Rope Tie Adjusters, Rope Thimbles, Rope Halter
Sets, and Web Halter Trimmings, and Bridle and Halter
Squares; Hames and Hame Trimmings and Attachments
and Repair Parts Comprising Hames, Hame Balls, Hame
Fasteners, Hame Terrets, Hame Bottom Loops, Hame-
Repair Clips, Hame Staples, Hame Line Rings and Studs,
Hame Clips, Hame Attachments, Hooks for Hames,
Ratchets for Hames, Hame Tug Plates; Cockeyes, Cock-
eye Clips, Steel Clips, Trace Clips, Toggles, Jointed
Trace Connectors, Trace Hooks, Tug Hooks, Hooks and
D's, Trace D's, Clevises, Trace-Splices, Breeching Loops,
Trace Loops, Jockey-Strap Loops and Rings, Trace Sup-
porters, Brenst-Strap Slides, Backband Hooks, Trace
Carriers, Trace Carriers and Rump Rings, Bits, Snaffles,
Rein Chains, Curb Chains, Spurs, Spur Rowels, Spur
Straps, Stirrups, Buckle Shields, Collar Fasteners, Honda
or Lasso Rings, Rein Billet Steels, Collar Strap Slides,
Rein Slides, Rein or Satchel Hooks, Hammock D's;
Rein Holders, Mane Combs, Saddle Trimmings, Buttons;
Blanket Hardware Comprising D's, Slides, Loops, Catches,
Front Sets, Clasps, Hook and Eye; Handy Hardware
Assortment for Repairs; Trunk and Bag Hardware
Comprising Buckles, Handle Loops, Wardrobe-Trunk
Drawer Pulls, Handle Loops, Shawl Strap Handles, and
D's; Dog-Collar Trimmings Comprising Buckles and Name
Plates; Lead-Rein Holders, Double Eye and Loop, Stud
Hooks, Stirrup-Strap Loops, Brenst-Strap Hooks, Side
and Back Strap Hooks, Side Line Fasteners, Lariat
Hook Link and Thimble; Sliding Keepers for Strap
Ends, Clips for Strap Ends, Fasteners for Application
to Strap Ends, End Hooks, Sling Loops, Double Hooks,
Choke Staples and Plates, and Knapsack Hardware.
Claims use since Sept. 6, 1878.

Ser. No. 252,828. JAMES M. GALLOWAY, doing business
as Dres-Sir Trunk Company, Monmouth, Ill. Filed
Aug. 1, 1927.

Dres-sir

Particular description of goods.—Wardrobe Trunks and
Suitcases.
Claims use since about Jan. 1, 1927.

Ser. No. 253,909. THE PARKER PEN COMPANY, Janesville,
Wis. Filed Aug. 24, 1927.

PENVELOPE

Particular description of goods.—Leather Containers for
Pens and Pencils in Sets.
Claims use since July 27, 1927.

CLASS 4.

ABRASIVE, DETERGENT, AND POLISHING MATERIALS.

Ser. No. 249,039. ANNABELL H. BROGS, doing business as H-O Chemical Company, Denver, Colo. Filed May 16, 1927.

H-O

Particular description of goods.—Cleaning Fluid for Cleaning Gloves, Laces, Velvets, Chiffons, Silks, Carpets, Canvas, Suede, Buckskin, and Kid Gloves.
Claims use since May 1, 1923.

Ser. No. 251,278. ALFRED J. KRANK, St. Paul, Minn. Filed June 29, 1927.

SKIN-HEALTH

Applicant is the owner of registration No. 211,105.
Particular description of goods.—Soap.
Claims use since May 7, 1924.

Ser. No. 253,361. DOT PRODUCTS INC., Detroit, Mich. Filed Aug. 12, 1927.



Particular description of goods.—Washing Powders.
Claims use since Feb. 1, 1926.

Ser. No. 253,530. GEORGE AIKEN BROWN, doing business as Tropic Shoe Dressing Co., Honolulu, Territory of Hawaii. Filed Aug. 16, 1927.

"TROPIC WHITE"

The descriptive word "White" is disclaimed apart from the mark shown.

Particular description of goods.—Cleaner for White Kid, Buckskin, and Canvas Shoes.
Claims use since in or about the month of June, 1924.

Ser. No. 254,376. B-M-B CLEARSHIELD COMPANY, Okmulgee, Okla. Filed Sept. 6, 1927.

B. M. & B. CLEARSHIELD

No claim is made herein for the word "Clearshield" apart from the mark as shown.

Particular description of goods.—Clear Vision Composition.
Claims use since Aug. 25, 1927.

CLASS 5.

ADHESIVES.

Ser. No. 232,081. HUBON MILLING COMPANY, Harbor Beach, Mich. Filed May 22, 1926.



The lining appearing in the drawing is for shading purposes only. Applicant is the owner of trade-mark registration No. 207,960.

Particular description of goods.—Wheat Pastes.
Claims use since August, 1917.

CLASS 6.

CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.

Ser. No. 170,641. GOLDENBERG'S, Washington, D. C. Filed Oct. 12, 1922.

Smart Set

Particular description of goods.—Perfumeries and Toilet Water, Face Powder, Rouge, Talcum, Tooth Powder, and Tooth Paste.
Claims use since Mar. 1, 1922.

Ser. No. 225,869. BROWN MANUFACTURING CO., LeRoy, N. Y. Filed Jan. 13, 1926.



THE LITTLE DOCTOR

Particular description of goods.—Preparations for Liver Complaint.
Claims use since 1895.

Ser. No. 230,659. E. BURNHAM, INC., Chicago, Ill. Filed Apr. 24, 1926.

OZONE

Particular description of goods.—Liquid Powder, Shampoo Powder, Preventive for Crow's Feet and Lines Around the Eyes, Preparation for the Hair, Skin Bleach, Nail Cake, Corn and Bunion Ointment, Hair-Curling Fluid and Deodorants, Vanishing Cream, Cleansing Cream; a Combination Treatment for Blackheads and Pimples Consisting of Four Different Preparations—Namely, Pack Powder, Blackhead Cream, and Lotion; Skin Tightener, Aromatic Astringent Face Lotion, Tan and Freckle Lotion, Coarse-Pore Lotion, Cucumber and Elder-Flower Cream.
Claims use since 1908.

Ser. No. 238,601. DENA LOCKE, Avondale, Cincinnati, Ohio. Filed Oct. 14, 1926.

Mountain Laurel



Applicant hereby disclaims the words "Mountain Laurel" apart from the other features of the mark.

Particular description of goods.—Preparation for Treating Skin Irritations.
Claims use since May 12, 1925.

Ser. No. 243,860. ABRAHAM S. KERR, Tompkinsville, N. Y. Filed Feb. 5, 1927.

DYSPEPTONE

Particular description of goods.—Medicinal Preparation for the Relief of Dyspepsia, Heartburn, Gastritis, and Disorders Arising from an Impaired Digestive System.
Claims use since 1887.

Ser. No. 248,328. SELLERS & HOLLAND, Seattle, Wash. Filed May 2, 1927.



Particular description of goods.—A Preparation for the Treatment of Sore Feet and a Mineral Bath Preparation for Increasing Circulation, Opening the Pores of the Skin, Restoring Normal Perspiration, for Removing Calli, and for Use as a Deodorant; Also Used in the Treatment of Poison Oak, Ivy, Pollen, and Dust Itch, Insect Infestations, Eczema, Burns, and Bruises.
Claims use since Jan. 1, 1927.

Ser. No. 248,512. O'NEIL DURO COMPANY, Milwaukee, Wis. Filed May 5, 1927.

DURO

Allowed in view of prior registrations Nos. 44,342 and 204,335, both owned by the applicant.

Particular description of goods.—A Tire Finish or Dressing.
Claims use since Apr. 1, 1927.

Ser. No. 249,121. WILLIAM E. HURD, Absecon, N. J. Filed May 17, 1927.



The applicant disclaims as part of his trade-mark the descriptive words "Goose Oil Rub An Aid In Inflammation and Congestion." The drawing is lined for the color blue, and the shading represents the color blue.

Particular description of goods.—Medical Preparation Used in the Treatment of Asthma, Bronchitis, Catarrh, Chest Colds, Croup, Whooping Cough and Sore Throat.
Claims use since Jan. 14, 1923.

Ser. No. 249,948. CHEMISCHE FABRIK HELFENBERG A. G. VORM. EUGEN DIETERICH, Helfenberg, near Dresden, Germany. Filed June 3, 1927.

Pneumarol

Particular description of goods.—Medicaments—Name-ly, Preparations for the Treatment of Asthma, Hay Fever, and Migraine.

Claims use since about December, 1926.

Ser. No. 250,273. WALLACE & TIERNAN CO., INC., Newark, N. J. Filed June 9, 1927.

Lavel

Particular description of goods.—Laundry Bleaching Material.

Claims use since Mar. 1, 1927.

Ser. No. 251,549. E. M. E. CORPORATION, doing business as Kemiko Mfg. Co., Newark, N. J. Filed July 6, 1927.

KEMIKO

Particular description of goods.—Disinfectants, Deodorants, Insecticides, Vermin Destroyers, and Chemical Compounds for Use in the Treatment of Metals, and for Deadening the Magnetic Force in Hardened Magnets.

Claims use since Aug. 10, 1920.

Ser. No. 251,696. VEE-BEE PRODUCTS COMPANY, Newark, N. J. Filed July 8, 1927.

Ky-An

Particular description of goods.—Ointment for External Use for Relieving Pain, Inflammation, and Congestion and for the Treatment of Colds, Rheumatism, Neuralgia, Lumbago, Etc.

Claims use since Jan. 5, 1927.

Ser. No. 252,413. LENA FRANK BARONI, doing business as Advertising Sale Agency, New Orleans, La. Filed July 22, 1927.

"IT"

Particular description of goods.—Insecticide.

Claims use since June 1, 1924.

Ser. No. 252,436. ANNIE E. MITCHELL, doing business as The Ethiopian Chemical Company, Tampa, Fla. Filed July 22, 1927.

SHE'S MY BABY

Particular description of goods.—Hair Beautifier, Day and Night Cream, Cleansing Cream, Developing Cream, Rouge, and Face Powder.

Claims use since Feb. 1, 1927.

Ser. No. 252,887. COSMETIQUE LABORATORIES OF AMERICA, Portland, Oreg. Filed Aug. 2, 1927.



Particular description of goods.—Cosmetics—Namely, Face Creams, Cleansing Creams, Tonic Creams, Tissue Creams, Skin Lotions, Skin Balms, Astringents, Astringent Lotions, Astringent Tonics, Acne Lotions, Hair Tonics, Talcum Powder, Deodorants, and Face Powder.

Claims use since July 1, 1926.

Ser. No. 252,889. COSMETIQUE LABORATORIES OF AMERICA, Portland, Oreg. Filed Aug. 2, 1927.



Particular description of goods.—Perfumes.

Claims use since July 1, 1926.

Ser. No. 252,891. COSMETIQUE LABORATORIES OF AMERICA, Portland, Oreg. Filed Aug. 2, 1927.



Particular description of goods.—Perfumes.

Claims use since July 1, 1926.

Ser. No. 252,892. COSMETIQUE LABORATORIES OF AMERICA, Portland, Oreg. Filed Aug. 2, 1927.



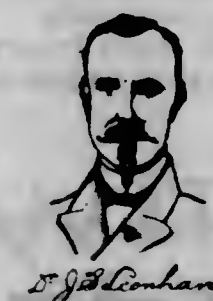
No claim is made to the words "Orange" and "Valencia" other than as they appear on the mark shown in the drawing.

Particular description of goods.—Perfumes.

Claims use since July 1, 1926.

Ser. No. 252,970. DR. LEONHARDT CO., Buffalo, N. Y. Filed Aug. 8, 1927.

HEM-ROID



The portrait appearing in said drawing is the portrait of Dr. J. S. Leonhardt, applicant's predecessor, no claim being made to the word "Remedies." The prescription symbol "R" and the word "Hem-Roid" are disclaimed apart from the mark shown in the drawing, no common-law rights in the mark Hem-Roid being hereby disclaimed.

Particular description of goods.—Remedy for the Treatment of Piles.

Claims use since Aug. 16, 1904.

Ser. No. 253,182. DELMAR E. DEMAREE, Chicago, Ill.
Filed Aug. 8, 1927.



Particular description of goods.—Hair-Dressing Oils and Hair-Waving Fluid.
Claims use since Feb. 1, 1927.

Ser. No. 253,294. JOHN M. SMITH, doing business as Sana Tone Products Company, Perry, Iowa. Filed Aug. 10, 1927.

Sana Tone

Particular description of goods.—Disinfectant.
Claims use since Mar. 1, 1927.

Ser. No. 253,360. WILLIAM F. DENNEY, doing business as Denney & Denney, Philadelphia, Pa. Filed Aug. 12, 1927.

MILK-O-BATH

No claim is made to the words "Milk" and "Bath" apart from the mark as shown in the drawing.

Particular description of goods.—Toilet Preparations—Namely, Powders to be Put Into Baths for Cleansing and Beautifying the Skin.

Claims use since Aug. 5, 1927.

Ser. No. 253,513. PINAL LABORATORIES, Jamestown, N. Y. Filed Aug. 15, 1927.



Particular description of goods.—Pinal, a Pine Oil Emulsion to be Used for Personal Hygiene and Cleanliness and as a Deodorant Containing the Following Ingredients: Pine Oil, Soap, Inert Ingredient, Distilled Water.
Claims use since Jan. 1, 1925.

Ser. No. 253,548. JOHN STANLEY MOORE, doing business as The Personal Hygiene Company, Wichita, Kans. Filed Aug. 16, 1927.

Jelli-septic

Particular description of goods.—Jelli-Septic, an Anti-septic.
Claims use since July 1, 1927.

Ser. No. 253,651. GEORGE KUPRES, Chicago, Ill. Filed Aug. 18, 1927.



The portrait and signature are that of the applicant.
Particular description of goods.—Medicine for Tuberculosis.
Claims use since July 15, 1927.

Ser. No. 253,681. THE DR. J. H. MCLEAN MEDICINE CO., doing business as Guadalupe Medicine Co., St. Louis, Mo. Filed Aug. 18, 1927.



Applicant is the owner of registration No. 64,451.
Particular description of goods.—Various Medicinal Preparations and Products—Namely, Purgative Tea, Skin Ointment, Liniment for Internal and External Use in the Treatment of Affections of the Skin, Muscles, and Bones; Purgative Pills, and Porous Plasters.
Claims use since January, 1897.

Ser. No. 253,682. THE DR. J. H. MCLEAN MEDICINE CO., doing business as Guadalupe Medicine Co., St. Louis, Mo. Filed Aug. 18, 1927.



Applicant is the owner of registered Trade-Mark No. 64,451 for the pictorial representation forming a part of the mark shown in this application.

Particular description of goods.—Various Medicinal Preparations and Products—Namely, Purgative Tea, Skin Ointment, Liniment for Internal and External Use in the Treatment of Affections of the Skin, Muscles, and Bones; Purgative Pills, and Porous Plasters.
Claims use since January, 1897.

Ser. No. 253,700. THE REINSCHILD CHEMICAL CO., New York, N. Y. Filed Aug. 19, 1927.



No claim is made to the representation of the carton apart from the mark shown.

In the drawing the lining on the body of the carton and the trade-mark "Regulin" indicates blue. The cross-hatching indicates yellow on the major portion of the large rectangle and adjacent the top of the carton, the two small rectangles, the major portion of the ovals, and the margin of the carton. The lining in the borders of the large rectangle and the ovals indicate red.

Particular description of goods.—Medicinal Preparation for the Treatment of the Intestinal Tract and Capable of Admixture with All Types of Solid Food.
Claims use since 1906.

Ser. No. 253,937. CHAPPEL BROS., INC., Rockford, Ill. Filed Aug. 25, 1927.

HEMO-TONE

Particular description of goods.—Animal Tonic—Namely, a Preparation of Hemoglobin, Meat, and Liver-Extract Compound.

Claims use since Aug. 11, 1927.

363 O. G.—48

Ser. No. 253,950. MCCORMICK & CO., INCORPORATED, Baltimore, Md. Filed Aug. 25, 1927.

Bee Brand



No claim is herein made to the word "Brand" apart from the mark as shown in the drawing.

Particular description of goods.—Liquid Insecticide-Spraying Compositions.

Claims use since about January, 1924.

Ser. No. 254,072. CENTRAL STATES LABORATORIES, Chicago, Ill. Filed Aug. 29, 1927.



Disclaimer is hereby made to the words "Mustard-Turpentine" and "Salve" apart from the mark shown in the drawing.

Particular description of goods.—Salve or Rubbing Preparation.

Claims use since July 1, 1925.

Ser. No. 254,088. MULKEY SALT CO., Detroit, Mich. Filed Aug. 29, 1927.

White Knight

Particular description of goods.—Salt.

Claims use since about the middle of August, 1927.

Ser. No. 254,125. ULRIC CLOUTIER, Fall River, Mass. Filed Aug. 30, 1927.

"BLU-NO"

Particular description of goods.—Bluing for Laundry Purposes.

Claims use since Jan. 1, 1927.

Ser. No. 254,149. NEW LIFE HERB CO., Chicago, Ill.
Filed Aug. 30, 1927.



Particular description of goods.—Tonic and Blood Purifier.
Claims use since March, 1927.

Ser. No. 254,209. SHARP & DOHME, INCORPORATED, Baltimore, Md. Filed Aug. 31, 1927.

SOLUTION S.T. 37

Applicant disclaims any exclusive right to the word "Solution" apart from the mark shown in the drawing.
Particular description of goods.—Antiseptic Solution.
Claims use since Aug. 13, 1927.

Ser. No. 254,248. ABE NEY, doing business as Primp Chemical Company, Atlanta, Ga. Filed Sept. 1, 1927.



Limit as shown in the drawing is for shading purposes only.

Particular description of goods.—Hair Pomades.
Claims use since May 16, 1927.

Ser. No. 254,249. NORDA ESSENTIAL OIL & CHEMICAL Co., INC., New York, N. Y. Filed Sept. 1, 1927.

PARANERVA

Particular description of goods.—Astringents, Astringent Cerates, Bleach Creams, Beauty Creams, Cold Creams, Cleansing Creams, Obesity Creams, Refreshing Creams, Obesity Astringents, Dry Rouges, Liquid Rouges, Face Bleaches, Plastic Clay, Eyebrow and Eyelash Grower, Eyedrops, Hand Lotions, Skin Lotions, Face Powders, Talcum Powders, Sachets, Hair Salves, Hair Blizars, Hair Tonics, Hair Oils, Shampoos, Hair Dyes, Bath Salts, Smelling Salts, Lip Sticks, Incense, Tooth Powders, Mouth Washes, Dentifrices, Tooth Pastes, Nail Powders, Nail Creams, Nail Bleaches, Witch-Hazel, Peroxide, Petroleum Jellies, Witch-Hazel Salves, Camphor Creams, Foot Powders, Deodorants, Disinfectants, Aspirin, Bay Rum, Perfumes, and Toilet Waters.
Claims use since Dec. 3, 1924.

Ser. No. 254,347. CALIFORNIA REX SPRAY CO., Benicla, Calif. Filed Sept. 3, 1927.



Particular description of goods.—Fly Repellant.
Claims use since Nov. 27, 1925.

Ser. No. 254,397. HELENA RUBINSTEIN, INC., New York, N. Y. Filed Sept. 6, 1927.

LIQUIDINE

Particular description of goods.—Face Lotions.
Claims use since June 1, 1901.

Ser. No. 254,486. GOCHENOUR-COLLINS LABORATORIES, Washington, D. C. Filed Sept. 8, 1927.

Serant

Particular description of goods.—Remedy for Use in the Prevention and Treatment of Distemper in Dogs.
Claims use since Sept. 1, 1927.

Ser. No. 254,514. RICHARDS, INC., Glenolden, Pa. Filed Sept. 8, 1927.

PSYLLIUM

Particular description of goods.—Laxative.
Claims use since November, 1924.

Ser. No. 254,521. WASHINE-NATIONAL-SANDS, INC., New York, N. Y. Filed Sept. 8, 1927.

Lout

Particular description of goods.—Laundering Products—Namely, Dyes, Color Fixers, Bleaches, Strippers, Stain Removers, Tinting, Rinsing and Washing Agents, and Sizing Materials.
Claims use since Aug. 6, 1927.

Ser. No. 254,532. WASHINE-NATIONAL-SANDS, INC., New York, N. Y. Filed Sept. 8, 1927.

KOLURGO

Particular description of goods.—Laundering Products—Namely, Bleach, Stain, and Rust Remover, and Color and Dye Stripping Agent.
Claims use since about Jan. 1, 1927.

Ser. No. 254,541. CADOLLE FRERES (SOCIETE A RESPONSABILITE LIMITEE), Paris, France. Filed Sept. 9, 1927.

LE BOIS SAUVAGE

Particular description of goods.—Perfume, Toilet Water, Face Powder, Talcum Powder, Face Creams, Lotion for the Skin and Hair, Brillantine, Bath Salts, Rouge.
Claims use since May 19, 1927.

Ser. No. 254,564. NORMAN M. SMITH, Minneapolis, Minn. Filed Sept. 9, 1927.

CHLOROTHESIN

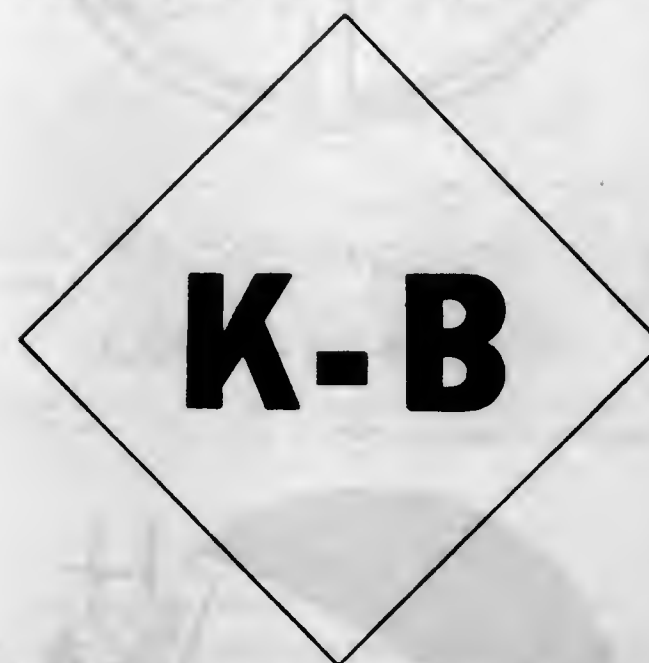
Particular description of goods.—Sedatives.
Claims use since July 2, 1927.

Ser. No. 254,606. E. R. SQUIBB & SONS, New York, N. Y. Filed Sept. 10, 1927.

Myrtomel

Particular description of goods.—Extracts Used in the Treatment of Diabetes Mellitus.
Claims use since Aug. 19, 1927.

Ser. No. 254,619. DR. BARTHOLOMEW REMEDY Co., Winter Park, Fla. Filed Sept. 12, 1927.



Particular description of goods.—Tablets for Disorders of the Kidneys and Bladder.
Claims use since on or about April, 1917.

Ser. No. 254,703. CAPE CITY LABORATORIES, Cape Elizabeth, Me. Filed Sept. 14, 1927.

JANO

The trade-mark comprises the word "Jano."
Particular description of goods.—Massage Cream for the Face and Hands.
Claims use since Jan. 1, 1927.

Ser. No. 254,717. L. T. PIVER, INC., Wilmington, Del., and New York, N. Y. Filed Sept. 14, 1927.

Rocroy

Particular description of goods.—Perfumes, Eau de Toilette, Eau Vegetale, Face Powder, Talcum Powder, Sachet Powder, Bath Salts.
Claims use since August, 1927.

Ser. No. 254,718. L. T. PIVER, INC., Wilmington, Del., and New York, N. Y. Filed Sept. 14, 1927.

ASTRIS

Particular description of goods.—Perfumes, Eau de Toilette, Eau Vegetale, Face Powder, Talcum Powder, Sachet Powder, Bath Salts.
Claims use since October, 1908.

Ser. No. 254,719. L. T. PIVER, INC., Wilmington, Del., and New York, N. Y. Filed Sept. 14, 1927.

misti

Particular description of goods.—Perfumes, Eau de Toilette, Eau Vegetale, Face Powder, Talcum Powder, Sachet Powder, Bath Salts.
Claims use since December, 1923.

Ser. No. 254,736. CHARLES S. WARSHAW, doing business as C. S. Warshaw & Co., New York, N. Y. Filed Sept. 14, 1927.

HAIRADE

Particular description of goods.—Toilet and Cosmetic Preparations—Namely, Shampoo Preparation, Brillantine Scalp Treatment.
Claims use since Aug. 1, 1927.

Ser. No. 254,742. JOHN P. CURRAN, doing business as Curran Laboratories, New York, N. Y. Filed Sept. 15, 1927.

WAVE-SHEEN

Particular description of goods.—A Dressing for the Hair.
Claims use since June 15, 1927.

Ser. No. 254,902. E. J. W. DAY, Jacksonville, Fla. Filed Sept. 20, 1927.

WORLD'S GOLD BAND

Particular description of goods.—A Preparation for Use in External Treatment of the Eyes.
Claims use since Oct. 1, 1926.

CLASS 8.

SMOKERS' ARTICLES, NOT INCLUDING TOBACCO PRODUCTS.

Ser. No. 250,194. ALFRED L. SIMON & COMPANY, New York, N. Y. Filed June 8, 1927.

OSMITE

Particular description of goods.—Cigarette Holders, Cigar Holders, Humidors, Ash Receivers, Match Holders for Smokers' Use, Cigarette Cases, Ash Trays, Table Smoking Stands.

Claims use since Dec. 1, 1926.

CLASS 10.

FERTILIZERS.

Ser. No. 252,275. SMITH REDUCTION CORPORATION, Norfolk, Va. Filed July 19, 1927.

SUL-SODA

No claim is made to the word "Soda" apart from the mark shown in the drawing.

Particular description of goods.—Fertilizers.

Claims use since Jan. 1, 1924.

Ser. No. 252,355. SYNTHETIC NITROGEN PRODUCTS CORPORATION, New York, N. Y. Filed July 20, 1927.



Particular description of goods.—Fertilizer.

Claims use since June 7, 1927.

CLASS 11.

INKS AND INKING MATERIALS.

Ser. No. 248,014. I. POMEROY COMPANY, Newark, N. J. Filed April 26, 1927.

I. POMEROY Co's



No claim is made to the representation of a gall apart from the mark shown. No registration rights are claimed for the words "I. Pomerooy Co's."

Particular description of goods.—Writing Ink.

Claims use since April, 1896.

CLASS 12.

CONSTRUCTION MATERIALS.

Ser. No. 249,771. AMERICAN HAIR FELT COMPANY, Chicago, Ill. Filed May 31, 1927.

Ozite

Particular description of goods.—Hair-Felt Products for Sound Deadening and Thermal Insulation.

Claims use since May 18, 1927.

Ser. No. 253,396. THE SULLIVAN CO., Memphis, Tenn. Filed Aug. 12, 1927.



Particular description of goods.—Cement Mixing Compound Including Waterproofing Powder, Waterproofing Liquid, Waterproofing Paste, Mortar Color Powder, Mortar Color Paste, and Ironized Waterproofing.

Claims use since November, 1922.

Ser. No. 253,790. DITTLINGER LIME CO., New Braunfels, Tex. Filed Aug. 22, 1927.



Particular description of goods.—Bulk and Package Lime.

Claims use since July 9, 1927.

CLASS 13.

HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.

Ser. No. 235,968. CHARLES B. NAMIOS, New York, N. Y. Filed Aug. 14, 1926.

U.S.S. SALTY

Particular description of goods.—Salt and Pepper Shakers Made of Base Metal.

Claims use since Aug. 11, 1926.

Ser. No. 235,969. CHARLES B. NAMIOS, New York, N. Y. Filed Aug. 14, 1926.

FULL O' PEP

Particular description of goods.—Salt and Pepper Shakers Made of Base Metal.

Claims use since Aug. 11, 1926.

Ser. No. 236,850. JOSEPH A. PETERSON, doing business as The Gearhach Manufacturing Company, College Station, Tex. Filed Sept. 3, 1926.

GEARNUT

Particular description of goods.—Nuts for Use in Connection with Bolts, Rods, Pipes, and the Like.

Claims use since July 6, 1926.

Ser. No. 251,532. ANNIN & Co., New York, N. Y. Filed July 6, 1927.

COURT OF HONOR

Particular description of goods.—Flagpole Holder.

Claims use since Nov. 3, 1896.

CLASS 14.

METALS AND METAL CASTINGS AND FORGINGS.

Ser. No. 251,434. DORHLER DIE CASTING CO., Brooklyn, N. Y. Filed July 2, 1927.



Particular description of goods.—Unfinished Die Castings of Nonferrous Metal Used in the Manufacture of Parts of Cameras, Moving-Picture Machines, Radio Send-

ing and Receiving Apparatus Including Transformers, Condensers, Condenser Housings, Loud Speakers, Etc.; Phonographs, Office Appliances Including Typewriters, Adding Machines, Check Writers, Electric Fans, Etc.; Household Utilities Including Vacuum Machines, Clothes Wringers, Carpet Sweepers, Frying Pans, Waffle Irons, Omelet Pans, Meat Grinders, Cooking Pots, Floor Mops, Etc.; Firearms Including Pistols, Shells, and Other War Materials; Hair Clippers, Scissors, Rubber Molds, Shoe Heels; Automotive Accessories Including Steering Wheels, Motor Meters, Carburetors, Gaskets, Ignition Parts, Speedometers, Etc.; Soda Fountain Accessories Including Pumps, Glass Holders, Mixing Devices, Spigots, Dispensers; Knitting Machines; Textile Machinery Including Shuttles, Threaders, Spindles, Etc.; Electrical Devices Including Motors, Brush Holders, Etc.; Surgical Instruments; Musical Instruments Including Banjos, Player Pianos, Etc.; Vending Machines Including Chewing Gum, Match, Candy, and Other Vending Machines; General Hardware Including Automobile Body, Hardware, Locks, Etc.

Claims use since Feb. 15, 1915.

CLASS 15.

OILS AND GREASES.

Ser. No. 238,117. THE HICKOK PRODUCING CO., Toledo, Ohio. Filed Oct. 4, 1926.

PENN-OLEUM

Particular description of goods.—Lubricants.

Claims use since Sept. 2, 1924.

Ser. No. 249,549. STANDARD OIL COMPANY OF CALIFORNIA, Wilmington, Del. and San Francisco, Calif. Filed May 25, 1927.



No claim is made to the exclusive use of the word "Gasoline" except in the association shown with the trade-mark.

Particular description of goods.—Gasoline.

Claims use since May 3, 1927.

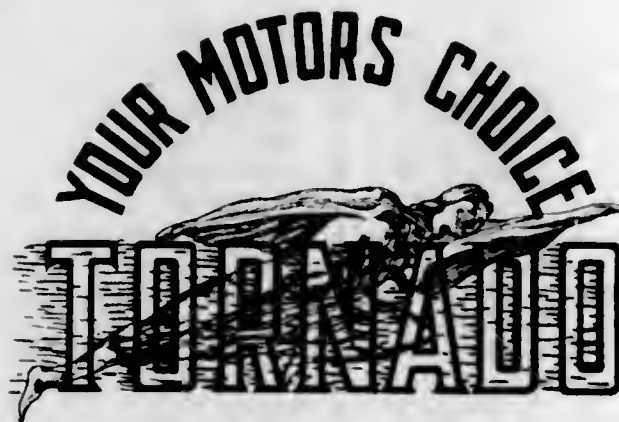
Ser. No. 250,024. HORACE G. HURT, Homerville, Ga. Filed June 4, 1927.

U-PROFIT

Particular description of goods.—Gasoline and Fuel Lubricating Oils.

Claims use since May 11, 1927.

Ser. No. 250,617. RAY M. HOUSEL, Kannapolis, N. C.
Filed June 16, 1927.



Particular description of goods.—Gasoline and Lubricating Oils.

Claims use since Apr. 2, 1927.

Ser. No. 251,814. ASSOCIATED OIL COMPANY, San Francisco, Calif. Filed July 11, 1927.



The words "Brand," "More Light to the Gallon," "Refined by," and "San Francisco, Cal., U. S. A.," are disclaimed apart from the mark shown in the drawing. The translation of the Chinese characters appearing above the word "Associated" literally mean "Beautiful Nation." The characters appearing at the sides of the cup, reading from the one at the top of the right side, mean "Big Light Petroleum Company."

Particular description of goods.—Kerosene.
Claims use since about Sept. 24, 1926.

Ser. No. 253,023. HYGRADE OIL & FUEL CORPORATION, Buffalo, N. Y. Filed Aug. 4, 1927.

**SUPER
HYGRADE**

No registration rights are claimed for the word "Hygrade," and applicant waives none of its common-law rights in said mark or any feature thereof.

Particular description of goods.—Gasoline, Lubricating Oils, and Greases.

Claims use since June 4, 1926.

Ser. No. 253,675. ASSOCIATED OIL COMPANY, San Francisco, Calif. Filed Aug. 18, 1927.

MOTORMATES

Particular description of goods.—Gasoline and Motor Oil.

Claims use since Mar. 29, 1927.

Ser. No. 253,735. CALIFORNIA PETROLEUM CORPORATION, Los Angeles, Calif. Filed Aug. 20, 1927.



Particular description of goods.—Motor Oil.
Claims use since Apr. 29, 1927.

Ser. No. 253,912. PEERLESS OIL & REFINING COMPANY, Chanute, Kans. Filed Aug. 24, 1927.



The word "Lubricants" is disclaimed apart from the mark shown in the drawing.

Particular description of goods.—Lubricating Oils and Greases.

Claims use since June 1, 1926.

Ser. No. 254,437. WHITE STAR REFINING CO. OF DELAWARE, Detroit, Mich. Filed Sept. 6, 1927.

STAROLEUM

Particular description of goods.—Lubricating Oils and Greases.

Claims use since December, 1926.

Ser. No. 254,492. INDUSTRIAL OIL & GREASE COMPANY, INC., Warren, Pa. Filed Sept. 8, 1927.

Security

Particular description of goods.—Motor Oils.
Claims use since Nov. 1, 1926.

CLASS 16.

PAINTS AND PAINTERS' MATERIALS.

Ser. No. 233,870. CRAFTEX COMPANY, Boston, Mass. Filed June 29, 1926.



Particular description of goods.—Water Paint.
Claims use since May 27, 1926.

Ser. No. 250,896. BASS-HUTTER PAINT COMPANY, San Francisco, Calif. Filed June 22, 1927.



The drawing is lined for red.
Particular description of goods.—Dried, Paste, or Ready-Mixed Paints; Varnishes, Paint Enamels, Lacquers, Wood Stains, Colors Ground in Oil, Colors Ground in Japan, Japans, Prepared Shellacs, Ready-for-Use Driers, Linseed and Paint Oils, Turpentine, Paste and Liquid Wax, Cold-Water Paint, Kalsomine, and Gold and Aluminum Bronzes.

Claims use since Mar. 24, 1921.

Ser. No. 252,003. GEO. D. WETHERILL & Co., INC., Philadelphia, Pa. Filed July 13, 1927. Under 10-year proviso.

ATLAS

Particular description of goods.—Ready-Mixed Paints, Paint Enamels, and Stains.

Claims use since Jan. 1, 1881.

Ser. No. 253,099. FREDERICK LOWENTHAL, doing business as Deltex Products Co., Brooklyn, N. Y. Filed Aug. 5, 1927.



The word "Product" is disclaimed apart from the mark shown in the drawing.

Particular description of goods.—Paints, Mainly Paint in Liquid, Paste, and Powder Form, Used in Reproducing Designs on Textiles, Glass, Wood, Oilcloth, Leather, and Other Surfaces, Such Paints Being in the Nature of Artists' Paints.

Claims use since Apr. 28, 1927.

CLASS 17.

TOBACCO PRODUCTS.

Ser. No. 244,177. PETRI CIGAR CO., INCORPORATED, San Francisco, Calif. Filed Feb. 10, 1927.

AAA

Particular description of goods.—Cigars.
Claims use since Nov. 1, 1926.

CLASS 21.

ELECTRICAL APPARATUS, MACHINES, AND SUPPLIES.

Ser. No. 233,695. MCCOLLUM HOIST & MFG. CO., Downers Grove, Ill. Filed June 24, 1926.

**UNIVERSAL
HOIST**

The right to the exclusive use of the word "Hoist" apart from the marks shown in the drawing is disclaimed.

Particular description of goods.—Electric Driven Portable Hoist.

Claims use since Nov. 25, 1924.

Ser. No. 237,339. SHAPLEIGH HARDWARE COMPANY, St. Louis, Mo. Filed Sept. 16, 1926.



Applicant is owner of Certificate No. 160,014, Oct. 10, 1922, covering the same mark.

Particular description of goods.—Radio Receiving and Transmitting Sets and Parts Thereof and Storage Batteries.

Claims use since Sept. 4, 1926.

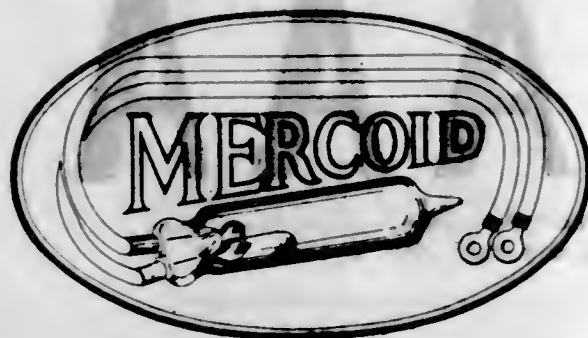
Ser. No. 237,612. MONARCH TELEPHONE MANUFACTURING COMPANY, Chicago, Ill., assignor to American Electric Company, Inc., Chicago, Ill., a Corporation of Maine. Filed Sept. 23, 1926.

MAGNO-FONE

Particular description of goods.—Substation Telephone Equipment.

Claims use since Aug. 6, 1926.

Ser. No. 240,072. THE FEDERAL GAUGE COMPANY, Chicago, Ill. Filed Nov. 15, 1926.



No claim is made herein to the representation of the goods apart from the mark shown in the drawing.

Particular description of goods.—Mercury-Tube Electric Switches, Electric Controls for Electric Switches, Temperature-Operated Electric Switches, Pressure-Operated Electric Switches, and Parts Thereof.

Claims use since Nov. 2, 1926.

Ser. No. 249,600. THE RATTAN MANUFACTURING CO., New Haven, Conn. Filed May 26, 1927.

R

Particular description of goods.—Conduit Fittings, Outlet Boxes, and Covers.

Claims use since Jan. 1, 1913.

Ser. No. 251,242. RAINBOW LIGHT, INC., New York, N. Y. Filed June 28, 1927.

Rainbow Light

No claim is made to trade-mark rights in the word "Light" except where the same is associated with the word "Rainbow."

Particular description of goods.—Illuminating Tubes—Namely, Electric Display and Advertising Luminous Tubes in the Form of Letters, Designs, or Signs.

Claims use since June, 1925.

Ser. No. 251,648. BATTERIEN-U. ELEMENTE-FABRIK SYSTEM ZEILER AKTIENGESellschaft, Berlin, Germany. Filed July 8, 1927.



The applicants disclaim the words "Batterie Marke" and "System Zeiler" as well as the representation of a battery apart from the mark shown in the drawing.

Particular description of goods.—Electric Batteries.

Claims use since Sept. 25, 1919.

Ser. No. 252,217. THE PORTO CORPORATION, Cincinnati, Ohio. Filed July 18, 1927.

PORTO

Particular description of goods.—Saws, Pole Shavers, and Planes, All Electrically Operated.

Claims use since June 1, 1927.

Ser. No. 253,044. ORTHODYNE ACOUSTIC CORPORATION, New York, N. Y. Filed Aug. 4, 1927.

ORTHODYNE

Particular description of goods.—Radio Receiving Sets and Battery Eliminators.

Claims use since Apr. 27, 1927.

Ser. No. 253,161. RAYTHEON MANUFACTURING COMPANY, Cambridge, Mass. Filed Aug. 6, 1927.

Raytheon

Particular description of goods.—Rectifying, Regulating, and Smoothing Tubes and Battery Eliminators.

Claims use since Aug. 14, 1925.

Ser. No. 253,186. THE GENERAL INDUSTRIES COMPANY, formerly known as the General Phonograph Company, Elyria, Ohio. Filed Aug. 8, 1927.



Particular description of goods.—Electrical Signalling Horns, Electric Motors, Electric Commutators, Electrical Commutating Timers, Electrical Controlling Dials, Knobs, and Handles, Electrical Switches, Electrical Switch Bands.

Claims use since July 28, 1927.

Ser. No. 253,389. PITTSBURGH ELECTRIC FURNACE CORP., Pittsburgh, Pa. Filed Aug. 12, 1927.

'LECTRONEALER

Particular description of goods.—Electric Heat-Treating Furnace.

Claims use since May 15, 1925.

Ser. No. 253,653. DAVID LIND, doing business as Capitol Battery Works, New York, N. Y. Filed Aug. 18, 1927.



Applicant disclaims the letter "B" and the words "The Superior Battery" apart from the mark shown in the drawing.

Particular description of goods.—Batteries.

Claims use since May 1, 1927.

CLASS 22.

GAMES, TOYS, AND SPORTING GOODS.

Ser. No. 252,144. GEO. BORGFELDT & Co., New York, N. Y. Filed July 16, 1927.

**AND
RAG TAG**

Particular description of goods.—Dolls, Toy Animal Figures, and other Toy Animate Figures.

Claims use since June 20, 1927.

Ser. No. 253,774. GOLDWIN SMITH, Tampa, Fla., Filed Aug. 20, 1927.

BABY-NINE

Particular description of goods.—A Table-Board Game.

Claims use since July 26, 1927.

Ser. No. 254,259. L. BAMBERGER & COMPANY, Newark, N. J. Filed Sept. 2, 1927.

IKWA

Particular description of goods.—Dolls.

Claims use since Aug. 1, 1927.

Ser. No. 254,278. PHILIP GANZHORN, Glen Ellyn, Ill. Filed Sept. 2, 1927.

SCHOO LEM

Particular description of goods.—Card Games.

Claims use since July 10, 1927.

Ser. No. 254,381. CALIFORNIA BY-PRODUCTS CO., San Francisco, Calif. Filed Sept. 6, 1927.

"CALGUT"

Particular description of goods.—Tennis Strings.

Claims use since Jan. 1, 1926.

Ser. No. 254,425. SANWAH KEEN GAME COMPANY, Stockton, Calif. Filed Sept. 6, 1927.

"BIG TEN"

Particular description of goods.—Indoor Football Game.

Claims use since Nov. 1, 1925.

CLASS 23.

CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.

Ser. No. 244,619. MANGANESE STEEL FORGE COMPANY, Philadelphia, Pa. Filed Feb. 19, 1927.



Particular description of goods.—Forged-Steel Screens for Screening Crushed Stone, Coal, Ore, Sand, Etc.

Claims use since Dec. 1, 1924.

Ser. No. 251,438. GENERAL CARBONIC COMPANY, New York, N. Y. Filed July 2, 1927.

-FYRE-FREEZ-

Particular description of goods.—Portable Hand Fire-Extinguishing Apparatus.
Claims use since January, 1927.

Ser. No. 252,357. UNITED HOISTING CO., INC., New York, N. Y. Filed July 20, 1927.



Particular description of goods.—Holsts and Concrete Mixers.
Claims use since about Mar. 1, 1922.

Ser. No. 253,402. WHITE AND HALLOCK, INC., Muskegon, Mich. Filed Aug. 12, 1927.



No claim is made to the exclusive use of the word "Whip" apart from the mark shown in the drawing.
Particular description of goods.—Beaters for Culinary Purposes Including Egg Beaters and Cream Whips.
Claims use since July 12, 1927.

Ser. No. 253,688. AUTOFOUNT SYSTEM INCORPORATED, Washington, D. C. Filed Aug. 19, 1927.

AUTOFOUNT

Particular description of goods.—Beverage-Dispensing Machines and Parts Therefor.
Claims use since July 31, 1926.

Ser. No. 253,838. GRAEF & SCHMIDT, INC., New York, N. Y. Filed Aug. 23, 1927.

WEEKIT

Particular description of goods.—Scissors.
Claims use since March, 1923.

Ser. No. 254,030. LEIGHTON S. BOWKER, New York, N. Y. Filed Aug. 27, 1927.

FYRE SHOOTER

Particular description of goods.—Fire Extinguishers of the Small Portable Hand Type.
Claims use since Aug. 13, 1927.

CLASS 26.

MEASURING AND SCIENTIFIC APPLIANCES.

Ser. No. 247,259. JOHN D. BROCK, doing business as Specialty Optical Co., Kansas City, Mo. Filed Apr. 11, 1927.

SOCO

Particular description of goods.—Optical Frames.
Claims use since November, 1925.

Ser. No. 250,568. SAVER MANUFACTURING COMPANY, Los Angeles, Calif. Filed June 15, 1927.

XL-ALL

Particular description of goods.—Measuring and Delivering Devices for Granular or Liquid Products.
Claims use since May 24, 1927.

Ser. No. 253,122. UNITED STATES RECORDING INSTRUMENTS CORPORATION, New York, N. Y. Filed Aug. 5, 1927.

Ustco
for Time, Distance and Fare

No claim is made to the words "Sales Service," "Products," "Protects," or "For Time, Distance and Fare."
Particular description of goods.—Recorders, Registers, and Record-Producing Instruments for Indicating Fare.
Claims use since about Apr. 1, 1924.

Ser. No. 254,811. MONTGOMERY & CO., INC., New York, N. Y. Filed Sept. 16, 1927.

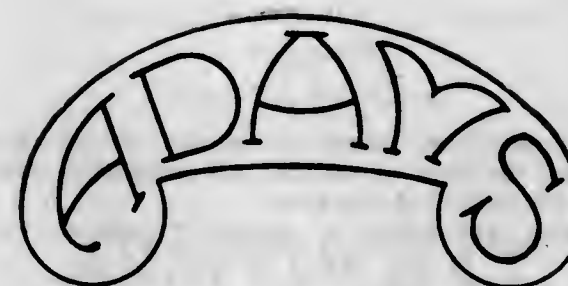


Particular description of goods.—Speed Indicators, Plumb Bobs, Levels, Rules, and Tape Measures.
Claims use since 1890.

CLASS 27.

HOROLOGICAL INSTRUMENTS.

Ser. No. 253,345. ADAMS WATCH CO. INC., New York, N. Y. Filed Aug. 12, 1927.



Particular description of goods.—Watches, Watchcases, and Watch Movements.
Claims use since July 25, 1927.

Ser. No. 254,148. THE NEW HAVEN CLOCK COMPANY, New Haven, Conn. Filed Aug. 30, 1927.

ABBEEY

Particular description of goods.—Clocks.
Claims use since May 12, 1922.

Ser. No. 254,247. THE NEW HAVEN CLOCK COMPANY, New Haven, Conn. Filed Sept. 1, 1927.

NIFTY

Particular description of goods.—Clocks.
Claims use since July 1, 1927.

CLASS 28.

JEWELRY AND PRECIOUS-METAL WARE.

Ser. No. 242,850. NORTH AND JUDD MANUFACTURING COMPANY, New Britain, Conn. Filed Jan. 14, 1927.

ANCHOR BRAND

No claim is made to the word "Brand" apart from the mark shown in the drawing.

Particular description of goods.—Buckles for Footwear, Shoe Buttons, Belt Buckles, Fob Pendants, Fob Sildes, Belt Slides, Slipper Slides, Rings Forming Parts of Trimmings or Appurtenances for Personal Wear or Harness and Exclusive of Finger Rings, Spurs for Riding Boots, and Shoe Ornaments, All Made of or Plated with Precious Metal.
Claims use since 1890.

CLASS 29.

BROOMS, BRUSHES, AND DUSTERS.

Ser. No. 252,099. LAWRENCE E. GOELLER, Circleville, Ohio. Filed July 15, 1927.

KIPPY-KIT

No claim is made to the word "Kit" apart from the mark as shown on the drawing.

Particular description of goods.—Clothes Brushes and Whisks and Leather Cases Sold as a Unit.
Claims use since July 1, 1926.

CLASS 30.

CROCKERY, EARTHENWARE, AND PORCELAIN.

Ser. No. 250,200. ALFRED L. SIMON & COMPANY, New York, N. Y. Filed June 8, 1927.

OSMITE

Particular description of goods.—Plates, Trays, Vases, Bowls, Tureens, Cups, Saucers, Pitchers, Jardinières, Teapots, Coffee-pots, All of These Articles Being Made of Earthenware or Porcelain.
Claims use since Dec. 1, 1926.

CLASS 32.

FURNITURE AND UPHOLSTERY.

Ser. No. 247,874. ROBERT WAGNER, Chemnitz, Germany. Filed Apr. 22, 1927.



Particular description of goods.—Iron Furniture—Namely, Iron Seats.
Claims use since Nov. 8, 1926.

Ser. No. 250,201. ALFRED L. SIMON & COMPANY, New York, N. Y. Filed June 8, 1927.

OSMITE

Particular description of goods.—Kitchen Tables, Kitchen Chairs, Showcases, Smoking Stands on Pedestals, Book Ends, Radio Cabinets, the Same Not Containing Radio Sets, Picture Frames, Mirror Frames, Umbrella Stands.

Claims use since Dec. 1, 1926.

Ser. No. 251,307. SLACK, RASSNICK & COMPANY, INC., New York, N. Y. Filed June 29, 1927.

AN
HEIRLOOM f TOMORROW

Particular description of goods.—Beds, Commodes, Chiffoniers, Side Cabinets, Night Tables, Dining-Room Tables, Dressing Tables, Kitchen Tables, and Library Tables, Consoles, Mirrors, Poudres, Vanity Dressers, Desks, Bureaus, Dressers, Chests, Benches, Ferneries, Chiffonettes, Household Chairs, Chaise Lounges, Sideboards, Servers, Cabinets, Sofas, Footstools, Day Beds, Ottomans, Couches, Settees, Bookcases, Dressing Screens, Pedestals, and Love Seats.

Claims use since Sept. 1, 1925.

Ser. No. 253,483. STANDARD SCHOOL EQUIPMENT CO., Louisville, Ky. Filed Aug. 15, 1927.



No exclusive claim is made to the words "Louisville, Kentucky," "The Standard Line," and "Correct Seating Chair," except as associated with the other features of the mark shown.

Particular description of goods.—Chairs for School, Household, and Office Use.

Claims use since July 16, 1927.

CLASS 33.

GLASSWARE.

Ser. No. 250,203. ALFRED L. SIMON & COMPANY, New York, N. Y. Filed June 8, 1927.

OSMITE

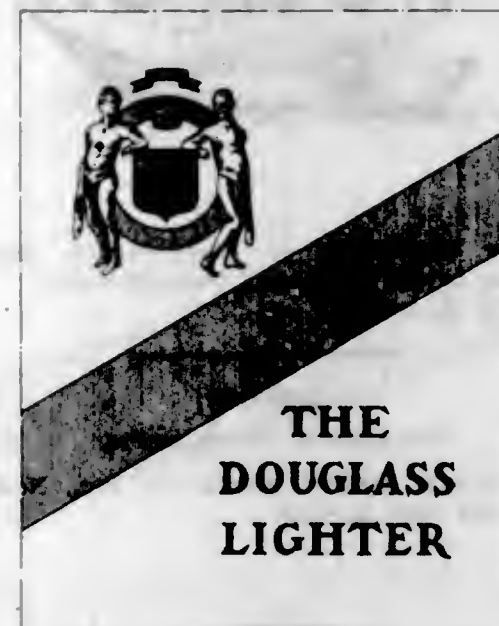
Particular description of goods.—Drinking Vessels, Vases, Boudoir Sets, Bottles for Perfume, Console Trays, Fruit Containers, Dessert Glasses, Serving Trays, All of Said Articles Being Made of Glass.

Claims use since Dec. 1, 1926.

CLASS 34.

HEATING, LIGHTING, AND VENTILATING APPARATUS, NOT INCLUDING ELECTRICAL APPARATUS.

Ser. No. 253,534. THE DOUGLASS CO., Menlo Park, Calif. Filed Aug. 16, 1927.



The words "The Douglass Lighter" are disclaimed apart from the mark as shown. The drawing is lined to indicate the colors red and blue.

Particular description of goods.—Pyrophoric Pocket Lighters.

Claims use since Aug. 1, 1926.

CLASS 36.

MUSICAL INSTRUMENTS AND SUPPLIES.

Ser. No. 248,648. JAMES K. POLK INC., Atlanta, Ga. Filed May 7, 1927.

Colonial

Particular description of goods.—Main Springs, Repair Parts, Tone Arms, and Needles.

Claims use since Apr. 18, 1927.

Ser. No. 251,502. WILHELM H. HECKEL, doing business as Wilhelm Heckel, Bleibach-on-the-Rhine, Germany. Filed July 5, 1927.

HECKELPHON

Particular description of goods.—Wood Wind Musical Instruments and Silver Flutes.

Claims use since January, 1905.

Ser. No. 252,070. JOHN SIMPSON, doing business as Charmaphone Company, Pulaski, N. Y. Filed July 14, 1927.

Charmaphone

Particular description of goods.—Phonographs and Portable Phonographs.

Claims use since Jan. 15, 1918.

Ser. No. 253,125. GEORGE P. MOSSMAN, Honolulu, Territory of Hawaii. Filed Aug. 5, 1927.

Bell Tone

Particular description of goods.—Ukuleles and Guitars.

Claims use since Feb. 1, 1907.

CLASS 37.

PAPER AND STATIONERY.

Ser. No. 244,649. D. W. BEAUMEL & CO., INC., New York, N. Y. Filed Feb. 21, 1927.

ARISTOCRAT

Particular description of goods.—Fountain Pens.

Claims use since January, 1925.

Ser. No. 247,805. MERCHANTS ASSOCIATION, INC., Dayton, Ohio. Filed Apr. 21, 1927.



The words "Business Stationery" and "Merchants Bond Association" are hereby disclaimed apart from the mark shown.

Particular description of goods.—Stationery, Particularly Business Letterheads and Mailing Envelopes.

Claims use since Apr. 11, 1927.

CLASS 38.

PRINTS AND PUBLICATIONS.

Ser. No. 234,374. THE BUZZA COMPANY, Minneapolis, Minn. Filed July 10, 1926.



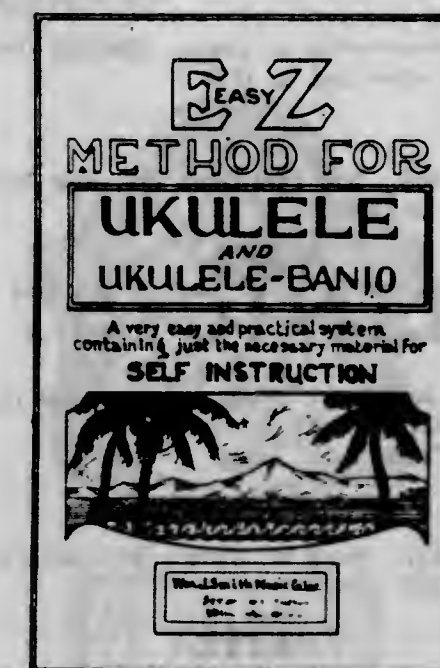
**MANTEL
MOTTO**

No claim is made to the words "Mantel Motto" apart from the mark shown in the drawing.

Particular description of goods.—Gift Mottoes.

Claims use since May 5, 1926.

Ser. No. 248,132. WM. J. SMITH MUSIC CO. INC., New York, N. Y. Filed Apr. 28, 1927.



No claim is made to the words "Easy Method for Ukulele and Ukulele-Banjo," "A very easy and practical system containing just the necessary material for self-instruction," apart from the mark as shown.

Particular description of goods.—Musical Publications.

Claims use since October, 1924.

Ser. No. 250,693. THE INSURANCE MIRROR PUBLISHING COMPANY, INC., Hartford, Conn. Filed June 17, 1927.



Particular description of goods.—Newspaper Feature Articles Sold to the Trade as Such.
Claims use since Apr. 18, 1927.

Ser. No. 250,694. THE INSURANCE MIRROR PUBLISHING COMPANY, INC., Hartford, Conn. Filed June 17, 1927.



Particular description of goods.—Newspaper Feature Articles Sold to the Trade as Such.
Claims use since Apr. 18, 1927.

Ser. No. 253,648. FAWCETT PUBLICATIONS, INC., Robbinsdale, Minn. Filed Aug. 18, 1927.



Particular description of goods.—Monthly Publication.
Claims use since Aug. 1, 1927.

Ser. No. 253,663. RIO CHEMICAL CO., New York, N. Y. Filed Aug. 18, 1927.



Particular description of goods.—A House Organ Published Periodically.
Claims use since June, 1922.

Ser. No. 253,677. PAUL W. BROWN, St. Louis, Mo. Filed Aug. 18, 1927.



Particular description of goods.—A Semimonthly Magazine.
Claims use since Jan. 5, 1925.

Ser. No. 253,805. INTERNATIONAL UNION OF STEAM AND OPERATING ENGINEERS, Chicago, Ill. Filed Aug. 22, 1927.



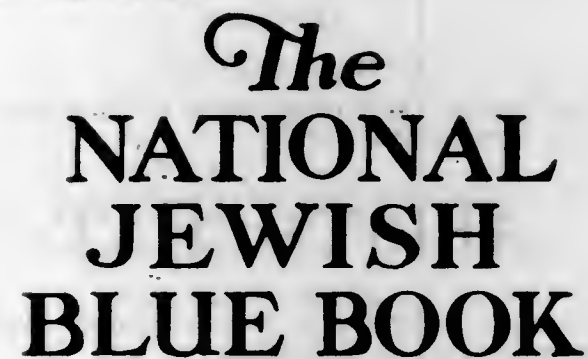
Particular description of goods.—A Magazine Published Monthly.
Claims use since Jan. 1, 1900.

Ser. No. 253,816. PARAMOUNT NEWSPAPER SYNDICATE, Los Angeles, Calif. Filed Aug. 22, 1927.



Particular description of goods.—Newspaper Comic Sections.
Claims use since July 23, 1927.

Ser. No. 253,918. I. RAYMOND SPECTOR, doing business as The Blue Book Publishing Company, Philadelphia, Pa. Filed Aug. 24, 1927.



Particular description of goods.—Annual Publications.
Claims use since June, 1926.

Ser. No. 254,153. THE RESTMAN PUBLISHING CO. INCORPORATED, New York, N. Y. Filed Aug. 30, 1927.



Particular description of goods.—A Periodical Published Monthly.
Claims use since March, 1926.

Ser. No. 254,220. JOHNS-MANVILLE CORPORATION, New York, N. Y. Filed Sept. 1, 1927.



Particular description of goods.—Monthly Publication
Claims use since May 15, 1924.

Ser. No. 254,221. JOHNS-MANVILLE CORPORATION, New York, N. Y. Filed Sept. 1, 1927.



Particular description of goods.—Monthly Publication.
Claims use since June 30, 1924.

Ser. No. 254,222. JOHNS-MANVILLE CORPORATION, New York, N. Y. Filed Sept. 1, 1927.



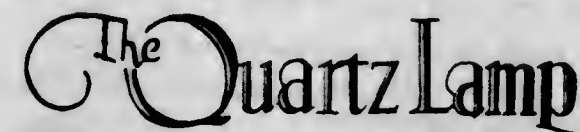
Particular description of goods.—Monthly Publication.
Claims use since Nov. 29, 1924.

Ser. No. 254,262. AMERICAN SOCIETY FOR STEEL TREATING, Cleveland, Ohio. Filed Sept. 2, 1927.



Particular description of goods.—Monthly Periodicals.
Claims use since Sept. 8, 1920.

Ser. No. 254,340. ALPINE PRESS, INC., Newark, N. J. Filed Sept. 3, 1927.



Particular description of goods.—A Monthly Publication.
Claims use since Jan. 15, 1923.

Ser. No. 254,375. AMERICAN SOCIETY FOR STEEL TREATING, Cleveland, Ohio. Filed Sept. 6, 1927.



Particular description of goods.—Monthly Periodicals, Hand Books, Supplemental Sheets, and Miscellaneous Printed Matter.
Claims use since Sept. 8, 1920.

Ser. No. 254,612. AFRO-AMERICAN COMPANY, Baltimore, Md. Filed Sept. 12, 1927.



Particular description of goods.—Newspapers Published Every Week.
Claims use since 1892.

Ser. No. 254,653. ALBERTINE RANDALL WHEELAN, New York, N. Y. Filed Sept. 12, 1927.



Particular description of goods.—Comic Strips.
Claims use since June 21, 1926.

Ser. No. 254,791. BUICK MOTOR COMPANY, Flint Mich. Filed Sept. 16, 1927.



The shading upon the drawing is intended to represent surface shading.
Particular description of goods.—A Printed Publication Published Monthly and at Other Intervals.
Claims use since January, 1915.

CLASS 39.

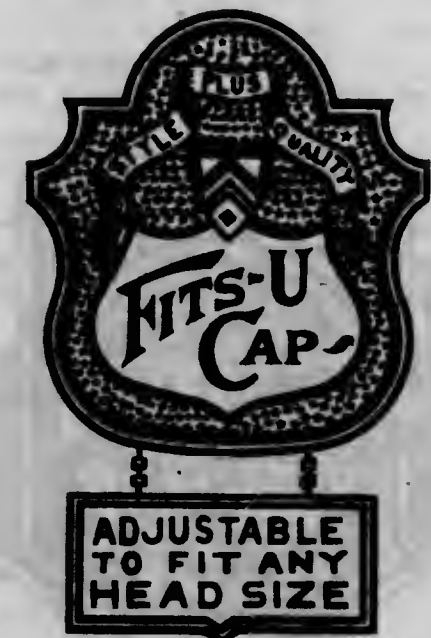
CLOTHING.

Ser. No. 199,984. ALBERT T. FOSTER, Jersey City, N. J. Filed July 14, 1924.



Particular description of goods.—Stiff Ironed Men's Dress Shirts.
Claims use since June 25, 1924.

Ser. No. 238,369. FITS-U CAP COMPANY, St. Louis, Mo. Filed Oct. 9, 1926.



No exclusive claim is made to the words "Style Plus Quality," "Cap," and "Adjustable to Fit Any Head Size" apart from the mark shown.

Particular description of goods.—Men's and Boys' Caps.
Claims use since June 3, 1926.

Ser. No. 245,289. PORTAGE UNDERWEAR MANUFACTURING Co., Portage Wis. Filed Mar. 5, 1927.

BREVITY

Particular description of goods.—Ladies' and Children's Underwear of Knitted and Textile Fabric.
Claims use since about July 1, 1925.

Ser. No. 247,102. THE ROSE SLIPPER SHOP, Little Rock, Ark. Filed April 7, 1927.



The shading on the drawing is for red.
Particular description of goods.—Shoes Made of Satin and Imported Fabrics and Fancy and Plain Leather, Garters, Shoe Heels, and Hosiery.
Claims use since Oct. 15, 1926.

Ser. No. 247,697. MANDEL & COHEN, New York, N. Y. Filed April 19, 1927.

PlayMates

Particular description of goods.—Knitted Underwear for Women and Children—Namely, Hosiery, Vests, Drawers, Union Suits, Brassières, Girdles, and Combinations of Chemise.
Claims use since Jan. 15, 1927.

Ser. No. 248,657. THE TOLEDO GLOVE MANUFACTURING COMPANY, Toledo, Ohio. Filed May 7, 1927.



No claim is made to the words "Seamed," "The Serviceable Glove" apart from the representation shown.
Particular description of goods.—Gloves and Gauntlets Made from Fabrics and Combinations of Fabrics and Leather.
Claims use since July, 1926.

Ser. No. 251,600. THE BLOCH COMPANY, Cleveland, Ohio. Filed July 7, 1927.

Blue Shanon Herringbone

No claim is made to the word "Herringbone" apart from the mark as shown.
Particular description of goods.—Men's Suits.
Claims use since on or about April 15, 1927.

Ser. No. 252,727. PHILLIPS' PATENTS LIMITED, London, England. Filed July 29, 1927.

STICK-A-SOLES

Applicant disclaims the right to the exclusive use of the word "Soles" apart from the mark shown.
Particular description of goods.—India-Rubber Plates or Pads for Attachment to the Soles of Boots and Shoes.
Claims use since May, 1924.

Ser. No. 252,935. THE BOSS MANUFACTURING COMPANY, Kewanee, Ill., and Brooklyn, N. Y. Filed Aug. 3, 1927.

MUNKEFACE

Particular description of goods.—Gloves and Mittens of Leather, Fabric, and a Combination of Leather and Fabric.
Claims use since June 3, 1927.

Ser. No. 252,936. THE BOSS MANUFACTURING COMPANY, Kewanee, Ill., and Brooklyn, N. Y. Filed Aug. 3, 1927.

FUSYFAZ

Particular description of goods.—Gloves and Mittens of Leather, Fabric, and a Combination of Leather and Fabric.
Claims use since June 3, 1927.

Ser. No. 253,025. INTERWOVEN STOCKING COMPANY, New Brunswick, N. J. Filed Aug. 4, 1927.



The lining on the drawing represents the color green. The trade-mark consists of the color green applied to the section located adjacent to the point of the toe of the

stocking on the upper surface of the toe and extending a short distance back from the point of the toe. The stocking shown in the drawing forms no part of the applicant's trade mark.
Particular description of goods.—Hosiery.
Claims use since on or about Mar. 30, 1927.

Ser. No. 253,404. ALBERTA MILLS, Inc., Philadelphia, Pa. Filed Aug. 18, 1927.

CLIMAX

Particular description of goods.—Bathing Suits.
Claims use since 1915.

Ser. No. 254,101. LEON STEINBERG, Detroit, Mich. Filed Aug. 29, 1927.

Coralce

Particular description of goods.—Hosiery.
Claims use since June 11, 1927.

Ser. No. 254,138. IPSWICH MILLS, Ipswich, Mass. Filed Aug. 30, 1927.

Gracille

Particular description of goods.—Hosiery.
Claims use since Aug. 22, 1927.

Ser. No. 254,160. A. V. VICTORINO & Co. Inc., New York, N. Y. Filed Aug. 30, 1927.

HILO DE METAL

Particular description of goods.—Hosiery.
Claims use since Aug. 10, 1927.

Ser. No. 254,325. W. B. DAVIS & SON CO., INC., New York, N. Y. Filed Sept. 2, 1927.



Particular description of goods.—Hosiery.
Claims use since Aug. 20, 1927.

363 O. G.—47

Ser. No. 254,334. HENRY SIEDENBURG, New York, N. Y. Filed Sept. 2, 1927.

KALO

Particular description of goods.—Hosiery.
Claims use since Aug. 24, 1927.

Ser. No. 254,352. W. T. GRANT COMPANY, New York, N. Y., and Lynn, Mass. Filed Sept. 3, 1927.



Particular description of goods.—Children's Dresses and Knit Suits.
Claims use since July 30, 1927.

Ser. No. 254,365. SWEET-ORR & Co. Inc., Wappingers Falls and New York, N. Y. Filed Sept. 3, 1927.



Applicant owns registrations Nos. 74,749, 100,648, and 191,083, which show the words and picture shown on the drawing with no disclaimer of the representation of the trousers.

Particular description of goods.—Men's and Boys' Coats, Vests, Regular Pants, Knee Pants, and Breeches.
Claims use since Aug. 2, 1927.

Ser. No. 254,401. THE KLOTHES SHOPPE, INC., Louisville, Ky. Filed Sept. 6, 1927.



Particular description of goods.—Outer Garments Comprising Men's Suits and Overcoats.
Claims use since Aug. 1, 1927.

CLASS 40.

FANCY GOODS, FURNISHINGS, AND NOTIONS.

Ser. No. 252,794. CHARLES P. SCHAEFFER, doing business as Schaeffer & Company, Reading, Pa. Filed July 30, 1927.

LINEAR

Particular description of goods.—Shoe Laces.
Claims use since June 30, 1927.

Ser. No. 253,722. ADJUSTA CO., New York, N. Y. Filed Aug. 19, 1927.

ADJUSTA

Particular description of goods.—Buckles for Personal Wear—Namely, for Men's and Boys' Knickerbocker Pants, Belts, Garters, Hats, and Caps, and for Women's Undergarments.
Claims use since June 17, 1910.

CLASS 42.

KNITTED, NETTED, AND TEXTILE FABRICS.

Ser. No. 239,595. LOUIS ROESSEL & Co., INC., Hazleton, Pa. Filed Nov. 2, 1926.

Panthera

Particular description of goods.—Silk Goods in the Piece.
Claims use since Oct. 20, 1926.

Ser. No. 241,148. MAX FRIST, INC., New York, N. Y. Filed Dec. 8, 1926.



No claim is made to the exclusive use of the word "Faillie" apart from the other features of the trade-mark shown.

Particular description of goods.—Piece Goods Composed of Artificial Silk and Cotton.
Claims use since July 1, 1926.

Ser. No. 242,997. ALFRED KOHLBERG, INC., New York, N. Y. Filed Jan. 18, 1927.

KOHLBERG'S WASHABLE HOMESPUN HONAN



Applicant disclaims the right to the exclusive use of the words "Kohlberg's," "Washable," "Homespun," and "Honan" apart from the trade-mark as shown in the drawing.

Particular description of goods.—Silk Piece Goods.
Claims use since Dec. 6, 1926.

Ser. No. 243,460. S. STEIN & Co., New York, N. Y. Filed Jan. 27, 1927.



Scotch Special

The drawing is lined for the purpose of shading only. The name "The Kingsley Co." appearing on the specimens is the name of a department of S. Stein & Co. No claim is made for the use of the words "Scotch Special" separate and apart from the mark shown.

Particular description of goods.—Woolen Goods in the Piece and in Cut Lengths.
Claims use since August, 1926.

Ser. No. 247,668. BIANCHINI, FERIER, Lyon, France. Filed Apr. 19, 1927.

CORDOUE

Particular description of goods.—Silk Fabrics.
Claims use since Jan. 25, 1922.

Ser. No. 249,878. CLARENCE WHITMAN & SONS, INC., New York, N. Y. Filed June 1, 1927.

DOLLY DOTS

Particular description of goods.—Cotton Fabrics in the Piece.
Claims use since Nov. 1, 1925.

Ser. No. 251,234. NATHAN & COHEN CO., INC., New York, N. Y. Filed June 28, 1927.

NACO

Particular description of goods.—Silk Piece Goods, Cotton Piece Goods, Cotton and Silk Piece Goods, and Cotton and Rayon Piece Goods.
Claims use since May 3, 1927.

Ser. No. 251,495. MARSHALL FIELD & COMPANY, Chicago, Ill. Filed July 5, 1927.

HOME CREST

Particular description of goods.—Drapery Materials Made of Silk, Cotton, and Cotton and Rayon.
Claims use since Dec. 18, 1926.

Ser. No. 252,169. THE S. & S. NOVELTY COMPANY, Cleveland, Ohio. Filed July 16, 1927.

PROTECTABLE

Particular description of goods.—Knitted Table Mats.
Claims use since Mar. 1, 1927.

Ser. No. 252,448. VANETTA VELVET CO., INC., New York, N. Y. Filed July 22, 1927.

"VELAUNDRE"

Particular description of goods.—Silks, Velvets, Velveteen, and Corduroy in the Piece.
Claims use since July 7, 1927.

Ser. No. 252,943. CHENNY BROTHERS, South Manchester, Conn. Filed Aug. 3, 1927.

Chenagra

Particular description of goods.—Woven, Knitted, Netted, Textile, and Pile Fabrics in the Piece Comprised in Whole or in Part of Silk.
Claims use since July 29, 1927.

Ser. No. 253,830. CHARLES CARRERAS, Brooklyn, N. Y. Filed Aug. 23, 1927.



ORIENTAL SEAT

No claim is made to the words "Trade Mark" and "Oriental Seat" nor to the representation of the goods apart from the mark shown on the drawing.

Particular description of goods.—Ornamental Seat Pads Made of Cotton and Threaded Strands.
Claims use since Sept. 11, 1926.

Ser. No. 253,867. HAAS BROTHERS FABRICS CORPORATION, New York, N. Y. Filed Aug. 24, 1927.

REPCOVA

Particular description of goods.—Piece Goods Made of Silk, Cotton, and Wool.
Claims use since Dec. 11, 1924.

Ser. No. 253,888. HAAS BROTHERS FABRICS CORPORATION, New York, N. Y. Filed Aug. 24, 1927.

TUSSALAIN

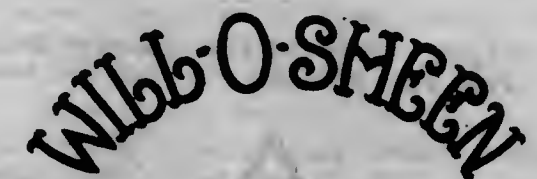
Particular description of goods.—Piece Goods Made of Silk, Cotton, and Wool.
Claims use since July 13, 1927.

Ser. No. 253,915. M. C. ROSS & COMPANY, Chicago, Ill. Filed Aug. 24, 1927.

LADY MARY

Particular description of goods.—Bird-Cage Covers and Birdseed Catchers Made of Cretonne and Other Textile Fabrics.
Claims use since Nov. 20, 1925.

Ser. No. 254,144. NATHAN & COHEN CO., INC., New York, N. Y. Filed Aug. 30, 1927.



No rights are asserted to the exclusive use of the word "Sheen" apart from the mark as shown in the drawing.

Particular description of goods.—Piece Goods of Rayon and Cotton Mixture.
Claims use since July 8, 1927.

Ser. No. 254,182. HUGH NELSON-COLUMBIA CARPET MILLS, INC., Philadelphia, Pa. Filed Aug. 31, 1927. Under 10-year proviso.

COLUMBIA

Particular description of goods.—Textile Rugs and Carpets.
Claims use since January, 1880.

CLASS 43.
THREAD AND YARN.

Ser. No. 242,523. DESTOMBES & VANDEPUTTE, Paris and Roubaix, France. Filed Jan. 8, 1927.



Particular description of goods.—Woolen Threads and Yarns.
Claims use since June 15, 1926.

Ser. No. 250,980. COURTAULDS, LIMITED, London, England. Filed June 23, 1927.

FIBRO

Particular description of goods.—Cellulose Filaments Limited in Length and Supplied in Untwisted Form for All Spinning Purposes.
Claims use since 1918.

Ser. No. 251,185. FITCHBURG YARN COMPANY, Fitchburg, Mass. Filed June 27, 1927.



No claim is made to the words "Spun Artificial Silk" appearing on the trade-mark.
Particular description of goods.—Yarns.
Claims use since June 9, 1927.

Ser. No. 253,704. LILY MILL & POWER Co., Shelby, N. C. Filed Aug. 19, 1927.

LILY

Particular description of goods.—Threads and Yarn.
Claims use since July 27, 1927.

Ser. No. 253,705. LILY MILL & POWER Co., Shelby, N. C. Filed Aug. 19, 1927.



The drawing is lined to indicate red color. The trade-mark consists of a red circle impressed on each end of the spool.
Particular description of goods.—Threads and Yarn.
Claims use since July 27, 1927.

CLASS 44.

DENTAL, MEDICAL, AND SURGICAL APPLIANCES.

Ser. No. 208,331. THE E. Z. WALK ARCH CORPORATION, New York, N. Y. Filed Jan. 20, 1925.

E-Z WALK

Particular description of goods.—Supports for the Arches and Other Parts of the Feet and Inner Supporting Soles.
Claims use since 1910.

Ser. No. 253,971. AMERICAN DRUGGISTS SYNDICATE, Long Island City and New York, N. Y. Filed Aug. 26, 1927.



Particular description of goods.—Sanitary Napkins.
Claims use since Aug. 10, 1927.

CLASS 45.

BEVERAGES, NONALCOHOLIC.

Ser. No. 220,201. GEORGE O. PATTERSON, Hawesville, Ky. Filed Sept. 12, 1925.

RAZZ COOLER

Particular description of goods.—Nonalcoholic, Maltless Beverage Sold as a Soft Drink and Sirups for Making the Same.
Claims use since June 1, 1923.

Ser. No. 252,211. I. LEFKOWITZ & SONS, INC., Brooklyn, N. Y. Filed July 18, 1927.

CHOCO-KREME

The use of the word "Kreme" apart from the mark shown is disclaimed.

Particular description of goods.—Fruit Sirups for Beverages and Soda-Fountain Use.
Claims use since June 10, 1927.

Ser. No. 252,578. THE ZODIAC COMPANY OF AMERICA, New York, N. Y. Filed July 26, 1927.



No claim is made to the words "Nature's Champagne" and "New York City" apart from the other features of the mark.

Particular description of goods.—Nonalcoholic, Maltless Fruit Beverages Sold as Soft Drinks.
Claims use since May 10, 1925.

Ser. No. 253,542. LOGAN-BEHNES SALES Co., Los Angeles, Calif. Filed Aug. 16, 1927.



The geographical term "Valencia" is disclaimed apart from the arbitrary features of the mark as shown.

Particular description of goods.—Orangeade.
Claims use since on or about Aug. 4, 1927.

Ser. No. 254,511. RAWLEY BROS., Washington, D. C. Filed Sept. 8, 1927.

ROCK CREEK

Particular description of goods.—Carbonated, Nonalcoholic, Noncereal, Maltless Beverages Sold as Soft Drinks.
Claims use since June, 1922.

Ser. No. 254,648. PEOPLES BOTTLING COMPANY INC., Akron, Ohio. Filed Sept. 12, 1927.



DAR-KY

Particular description of goods.—Nonalcoholic, Noncereal, Maltless Beverages Sold as Soft Drinks and Sirups, Extracts, Flavors, and Concentrates for Making the Same.

Claims use since May 15, 1922.

CLASS 46.

FOODS AND INGREDIENTS OF FOODS.

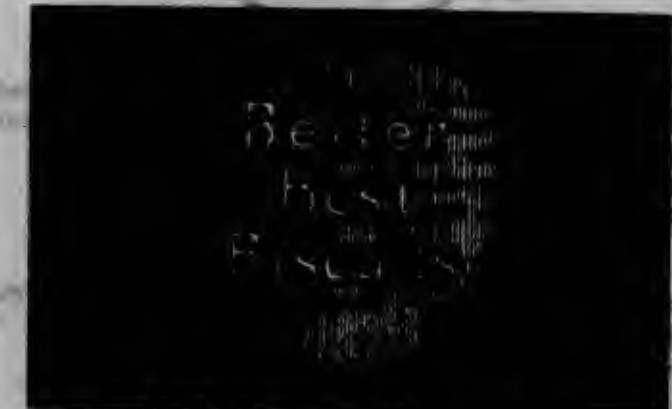
Ser. No. 199,384. THE OAKLANDS, Ann Arbor, Mich. Filed June 30, 1924.



No claim is made to the words "Just Jersey" and "Quality Plus Economy" apart from the mark as shown on the drawing.

Particular description of goods.—Dairy Products—Namely, Butter and Cottage Cheese.
Claims use since Apr. 12, 1924.

Ser. No. 233,830. LOS ANGELES BISCUIT COMPANY, Los Angeles, Calif. Filed June 28, 1926.



Applicant disclaims the words "Better Best Biscuits" apart from the mark as shown. The triangular-shaped circle in the drawing is lined for indicating the color red.
Particular description of goods.—Biscuits, Crackers, and Cakes.

Claims use since June 8, 1926.

Ser. No. 236,607. HARVEY J. A. HACKENBERG, Cleveland, Ohio. Filed Aug. 28, 1926.

Hearts and Flowers

Particular description of goods.—Candles.
Claims use since July 20, 1926.

Ser. No. 237,771. THE ATTICA MILLS, Attica, Kans. Filed Sept. 27, 1926.



Particular description of goods.—Wheat Flour.
Claims use since July, 1925.

Ser. No. 237,793. DAN WUILL & COMPANY, INCORPORATED, doing business as D. W. & C. L., New York, N. Y. Filed Sept. 27, 1926.

WHITE HEART



The lining indicates the color blue. No claim is made to the exclusive use of the term "Hood River" separate and apart from the mark shown on the drawing.

Particular description of goods.—Fresh Apples.
Claims use since September, 1919.

Ser. No. 241,364. C. W. ZABINO & CO., Jacksonville, Fla. Filed Dec. 11, 1926.

Suwannee

Particular description of goods.—Canned Fruits and Vegetables.
Claims use since Sept. 30, 1926.

Ser. No. 246,685. JACKSON BREWING COMPANY, New Orleans, La. Filed Mar. 31, 1927.



Applicant is the owner of registration No. 225,381, Mar. 15, 1927.

Particular description of goods.—Malt Sirup for Food Purposes.

Claims use since June 15, 1926.

Ser. No. 246,686. JACKSON BREWING COMPANY, New Orleans, La. Filed Mar. 31, 1927.

JAX

Particular description of goods.—Malt Sirup for Food Purposes.

Claims use since June 15, 1926.

Ser. No. 247,189. S. KAHN'S SONS, INC., Evansville, Ind. Filed Apr. 9, 1927.



Particular description of goods.—Canned Vegetables; Canned Meats—Namely, Potted Meat, Potted Ham, Vienna Sausage, Canned Beef, Sliced Beef; Cocoa; Sirup—Namely, Corn Sirup, Maple Sirup, and Sorghum; Catchup, Peanut Butter; Alimentary Products—Namely, Macaroni, Noodles, and Spaghetti, Rolled Oats, Corn Flakes, Horseradish, Mincemeat, Canned Fruits, Coffee, Tea, Bottled and Canned Pickles, Olives, Food Flavoring Extracts, Candies, Canned Sauerkraut, Jellies and Fruit Preserves, Salad Dressing, Rice, Honey; Canned Milk—Namely, Sweet Milk and Condensed Milk; Vinegar, Prepared Mustard, Canned Fish, Dried Fruits; Spices and Condiments—Namely, Catchup, Pepper Sauce, Chili Sauce, Worcester Sauce, Salad Dressings, and Mayonnaise.

Claims use since July 20, 1926.

Ser. No. 247,351. WILNO SAUSAGE CO., Chicago, Ill. Filed Apr. 12, 1927.



Particular description of goods.—Sausages, Corned Beef, Tongue, Spiced Beef, Rendered Beef Fat, Salami, Boiled Beef, Smoked Beef, Goose Fat, Pickled Beef, Frankfurters, Warshauer (Salami) Fat, Pastroma Breast (Spiced Meat), Shoulder (Spiced Meat), and Roulade and Hungarian Paprika Speck.

Claims use since October, 1894.

Ser. No. 247,965. REICHARDT COCOA & CHOCOLATE CO., INC., New York, N. Y. Filed Apr. 25, 1927.

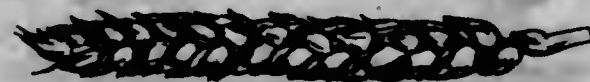


Particular description of goods.—Chocolate Malt Food Beverage and Cocoa Malt Food Beverage.

Claims use since Feb. 3, 1927.

Ser. No. 249,071. LAUREL-WHEAT COMPANY, Logan, Utah. Filed May 16, 1927.

Laurel-Wheat



FOR BABY

No claim is made to the words "Wheat" or "For Baby" apart from the mark shown in the drawing.

Particular description of goods.—Prepared Cereal Food for Infants.

Claims use since Apr. 1, 1927.

Ser. No. 249,108. AMERICAN CHICLE COMPANY, Long Island City, N. Y. Filed May 17, 1927.



Without waiver of its common-law rights, applicant disclaims the right to the exclusive use of the representa-

tion of an outline of a container and to the use of the wording appearing upon the drawing, with the exception of the words "Adams," "Chiclets," and "American Chicle Company" apart from the mark as shown.

Particular description of goods.—Chewing Gum.

Claims use as to the word "Chiclets" since Oct. 1, 1898, and as the mark shown on the drawing since June, 1917.

Ser. No. 249,362. WILLIAM McMURRAY AND COMPANY, St. Paul, Minn. Filed May 21, 1927.

Land O'Lakes

Particular description of goods.—Coffee, Tea, Cocoa, Jelly Powder, Food-Flavoring Extracts, Spices, and Candy.
Claims use since on or about Mar. 17, 1927.

Ser. No. 250,459. JORDAN STEVENS CO., Minneapolis, Minn. Filed June 13, 1927.



Particular description of goods.—Macaroni, Spaghetti, and Egg-Noodles.

Claims use since Mar. 16, 1927.

Ser. No. 251,027. HARRY J. COHEN, doing business as Royal Specialty Company, Philadelphia, Pa. Filed June 24, 1927.



Particular description of goods.—Barley-Malt Sirup.
Claims use since June 2, 1927.

Ser. No. 251,106. ACE YEAST COMPANY, Davenport, Iowa. Filed June 25, 1927.



No claim is made to the words "Crumbled Yeast" or "Highest in Quality" apart from the mark shown in the drawing.

Particular description of goods.—Yeast.
Claims use since Apr. 15, 1927.

Ser. No. 251,540. GEORGE C. BUELL & CO., INC., Rochester, N. Y. Filed July 6, 1927.



The portrait of the girl shown in the drawing is fanciful.

Particular description of goods.—Tea and Coffee.
Claims use on tea since September, 1926; and on coffee since 1903.

Ser. No. 251,877. JERRY D. TUNISON, Chicago, Ill. Filed July 11, 1927.



No claim is made to the exclusive use of the word "Fresh" apart from the mark shown in the drawing.

Particular description of goods.—Ice Cream, Sherbets, and Ices.
Claims use since June 1, 1927.

Ser. No. 252,044. ITALIAN IMPORTING CO. INC., Spokane, Wash. Filed July 14, 1927.



The word "Pisa" does not form a part of the registration sought apart from the mark shown in the drawing.
Particular description of goods.—Malt Sirup for Food Purposes and Macaroni.
Claims use since Feb. 1, 1927.

Ser. No. 252,094. DONAT DUPONT, executor of the estate of Philippe Dupont, Auburn, Me. Filed July 15, 1927.



The word "Bread" is disclaimed apart from the mark shown in the drawing.

Particular description of goods.—Bread.
Claims use since Feb. 1, 1914.

Ser. No. 252,210. THE LACTEIN COMPANY, also doing business as Ford Food Products, San Francisco, Calif. Filed July 18, 1927.

GOLD-KIST

Particular description of goods.—Table Sirup.
Claims use since July 16, 1926.

Ser. No. 252,458. THE EDW. M. BECKER COMPANY, Cleveland, Ohio. Filed July 28, 1927.

MERRIE-TIME

Particular description of goods.—Candy.
Claims use since Apr. 1, 1927.

Ser. No. 252,665. STERLING WHOLESALE GROCERY CO., Sterling, Ill. Filed July 28, 1927.

MOTHER'S BEST

No claim is made to the word "Best" separate and apart from the mark shown in the drawing.

Particular description of goods.—Spices—Namely, Whole Spices in Bulk and Tins, Ground Spices in Bulk and Tins, Condiments—Namely, Catchup, Mustard, Vinegar, Thousand Island Dressing, Mayonnaise, Sandwich Spread Made of Eggs, Salad Oil, and Other Ingredients, and Sweet Pepper Relish; Sirups—Namely, Corn Sirup (Cane Flavor); Canned Evaporated Milk.
Claims use since Aug. 4, 1924.

Ser. No. 252,764. DE WITT GROCERY COMPANY, Brattleboro, Vt. Filed July 30, 1927.

FORT DUMMER

Particular description of goods.—Maple Sirup, Pastry Flour, and Mince-meat.
Claims use since July, 1889.

Ser. No. 252,930. J. ABON & COMPANY, INC., New York, N. Y. Filed Aug. 3, 1927.

ARONCO ESCOBAR



Particular description of goods.—Green Coffee.
Claims use since 1923.

Ser. No. 253,020. C. E. GREENS, doing business as Bradas & Greens, Louisville, Ky. Filed Aug. 4, 1927.



No claim is made to the lining on the drawing.
Particular description of goods.—Candy.
Claims use since May 1, 1927.

Ser. No. 253,430. MOLONY & CARTER COMPANY, Charleston, S. C. Filed Aug. 13, 1927.



No claim is made to the descriptive words "Dairy Feed" apart from the mark as shown on the drawing. The mark consists of a representation of a shamrock over the words "Dairy Feed."

Particular description of goods.—Dairy Feeds.
Claims use since July 1, 1925.

Ser. No. 254,182. WILLIAM A. GOETZE, doing business as Baltimore Chewing Gum Co., Baltimore, Md. Filed Aug. 30, 1927.



Applicant disclaims the name "Goetze's" except in the precise relation and association in which the same appears herein.

Particular description of goods.—Candy.
Claims use since January, 1922.

Ser. No. 254,245. LITTLE DUTCH CANDY MILL, Chicago, Ill. Filed Sept. 1, 1927.



No claim is made to the word "Candy" as a part of the trade-mark.

Particular description of goods.—Candy and Confections—Namely, Bonbons and Cake.
Claims use since May 31, 1927.

Ser. No. 254,258. YAKIMA CITY CREAMERY, INCORPORATED, Yakima, Wash. Filed Sept. 1, 1927.



No exclusive claim is made to the words "Source of Health" or "Cottage Cheese" except as associated with the other features of the mark.

Particular description of goods.—Cottage Cheese.
Claims use since July 15, 1927.

Ser. No. 254,330. KISSIMMEE PEANUT COMPANY, INC., Kissimmee, Fla. Filed Sept. 2, 1927.



Big Chief

Particular description of goods.—Salted Peanuts in Package Form.

Claims use since July 26, 1927.

Ser. No. 254,424. RED SUN PRODUCTS CO., Chicago, Ill. Filed Sept. 6, 1927.

Bully

Particular description of goods.—Malt Sirup for Food Purposes.

Claims use since July 25, 1926.

Ser. No. 254,448. THE FISHER BROS. CO., Cleveland, Ohio. Filed Sept. 7, 1927.

FOUR ROSES

Particular description of goods.—Coffee.

Claims use since July 1, 1927.

Ser. No. 254,460. I. BERT KRONENBERG, doing business as The Mokeen Company, Baltimore, Md. Filed Sept. 7, 1927.

MOKEEN

Particular description of goods.—Coffee Substitutes.

Claims use since May 2, 1927.

Ser. No. 254,462. LIBERTY ORCHARDS COMPANY, Cashmere, Wash. Filed Sept. 7, 1927.

SURE-JOY JAM

The trade-mark comprises the words "Sure-Joy" and registration rights in the word "Jam," apart from the mark as shown, are hereby disclaimed.

Particular description of goods.—Jams.

Claims use since August, 1927.

Ser. No. 254,624. CALIFORNIA ANIMAL PRODUCTS CO., Oakland, Calif. Filed Sept. 12, 1927.

CALO

Particular description of goods.—Canned Meat and Vegetables for Cats and Dogs.

Claims use since Aug. 1, 1927.

Ser. No. 254,658. HONEY WHEAT COMPANY, Kenosha, Wis. Filed Sept. 12, 1927.



Applicant disclaims the words "Honey Wheat Wafers" except in connection with the mark shown.

Particular description of goods.—Wafers.

Claims use since July 24, 1927.

Ser. No. 254,826. VIRGINIA BAKING COMPANY, doing business as The Vabac Company, Richmond, Va. Filed Sept. 16, 1927.

VABAC

Particular description of goods.—Wafers.

Claims use since Sept. 1, 1927.

CLASS 50.

MERCHANDISE NOT OTHERWISE CLASSIFIED.

Ser. No. 247,990. DETTRA FLAG COMPANY, INC., Oaks, Pa. Filed April 26, 1927.



The lining on the drawing represents the colors blue and red. No claim is made to the words "Flag" and "Products" apart from the mark shown in the drawing.

Particular description of goods.—Flags, Pennants, Banners, Bannerettes, and Flag Accessories—Namely, Flagpoles, Flag Holders, Flagpole Holders, Flag Stands, Flag-Carrying Belts, Flag Cords, and Tassels, Banner Holders, and Ornaments for Flagpoles.

Claims use since July 1, 1925.

Ser. No. 252,334. JOE A. LEHMAN, doing business as Penn Swing and Ladder Company, Lancaster, Pa. Filed July 20, 1927.

The Penn Line

Particular description of goods.—Step Ladders, Extension Ladders, Clothes Props, and Ladder Stools.

Claims use since Jan. 1, 1917.

Ser. No. 254,458. JUMBO LEMON COMPANY, Hamilton City, Calif. Filed Sept. 7, 1927.

JUMBO

Particular description of goods.—Soft-Drink-Dispensing Booths.

Claims use since May 24, 1924.

TRADE-MARK REGISTRATIONS GRANTED

[ACT OF FEBRUARY 20, 1905.]

OCTOBER 25, 1927.

- 234,322. WELDING WIRE ADAPTED TO BE DEPOSITED ON A METAL ARTICLE IN THE PROCESS OF WELDING. WILLIAMS AND COMPANY, INC., Pittsburgh, Pa.
Filed May 27, 1927. Serial No. 249,687. PUBLISHED AUGUST 9, 1927. Class 14.
- 234,323. GRAPE BASKETS AND SHIPPING BASKETS. YATES LUMBER COMPANY, Penn Yan, N. Y.
Filed May 26, 1927. Serial No. 249,630. PUBLISHED AUGUST 2, 1927. Class 2.
- 234,324. LINIMENT USED FOR MUSCULAR CRAMP, RHEUMATISM, STIFFNESS, BRUISES, LUMBAGO, SPRAINS, SORENESS, AND STIFFNESS FROM EXERTION. JOHN WAHL, Chicago, Ill.
Filed May 26, 1927. Serial No. 249,622. PUBLISHED AUGUST 9, 1927. Class 6.
- 234,325. BOTTLE CRATES. WILLARD M. STORBY, doing business as W. M. Storey Lumber Company, Winston-Salem, N. C.
Filed May 25, 1927. Serial No. 249,551. PUBLISHED AUGUST 2, 1927. Class 2.
- 234,326. COAL, WOOD, OIL, OR GAS BURNING STEAM AND HOT-WATER HEATING FURNACES. ORR & SEMBOWER, INC., Reading, Pa.
Filed May 24, 1927. Serial No. 249,486. PUBLISHED AUGUST 2, 1927. Class 34.
- 234,327. A LIQUID MEDICINAL PREPARATION FOR THE TREATMENT OF DISORDERS OF STOMACH, LIVER, KIDNEYS, AND BOWELS, CONSTIPATION, LANGUOR, FATIGUE, JAUNDICE, AUTO-INTOXICATION, LOSS OF APPETITE, LACK OF AMBITION, AND GENERAL PHYSICAL DEPRESSION. A. FRANKLIN TURNER, doing business as Family Medicine Co., Arthur, Ill.
Filed May 23, 1927. Serial No. 249,448. PUBLISHED AUGUST 16, 1927. Class 6.
- 234,328. OIL AND GAS HEATING STOVES. HY-LO OIL HEATER COMPANY, Peoria, Ill.
Filed May 23, 1927. Serial No. 249,422. PUBLISHED AUGUST 16, 1927. Class 34.
- 234,329. VEHICLE BODIES. THE MURRAY CORPORATION OF AMERICA, Detroit, Mich.
Filed May 21, 1927. Serial No. 249,366. PUBLISHED JULY 26, 1927. Class 19.
- 234,330. VEHICLE BODIES. THE MURRAY CORPORATION OF AMERICA, Detroit, Mich.
Filed May 21, 1927. Serial No. 249,365. PUBLISHED JULY 26, 1927. Class 19.
- 234,331. AUTOMATICALLY-CONTROLLED COAL COMBUSTION SYSTEMS OR PARTS THEREOF INCLUDING THE BLOWER-CONTROLLING MECHANISM. EDWARD P. BLISS, JR., Philadelphia, Pa.
Filed May 21, 1927. Serial No. 249,323. PUBLISHED AUGUST 2, 1927. Class 34.
- 234,332. COMPOSITIONS FOR CLEANING AND POLISHING AUTOMOBILES, FURNITURE, AND SURFACES REQUIRING A SIMILAR FINISH. ROSSITT MANUFACTURING CO., INC., Rockville Center, N. Y.
Filed May 20, 1927. Serial No. 249,297. PUBLISHED AUGUST 16, 1927. Class 16.
- 234,333. TOILET TISSUE PAPER. JOSEPH GROSSMAN, doing business as Kasdum Company, Steubenville, Ohio.
Filed May 14, 1927. Serial No. 249,004. PUBLISHED AUGUST 9, 1927. Class 37.
- 234,334. PYROPHORIC POCKET CIGAR LIGHTERS. HENRY LEDERER & BRO. INC., Providence, R. I.
Filed May 12, 1927. Serial No. 248,914. PUBLISHED JULY 26, 1927. Class 34.
- 234,335. DRY-CLEANING MACHINES, EXTRACTORS, AND PARTS THEREOF. EDWARD E. EHRLICH, doing business as The Grand Mfg. Co., Indianapolis, Ind.
Filed May 12, 1927. Serial No. 248,889. PUBLISHED AUGUST 16, 1927. Class 24.
- 234,336. CANDY. JOHNSON CANDY CO. INC., doing business as The Aga-Jell Co., Bristol, Va.
Filed May 11, 1927. Serial No. 248,839. PUBLISHED AUGUST 16, 1927. Class 46.
- 234,337. CANDY. GUNZ DURLER CANDY CO., Oshkosh, Wis.
Filed May 11, 1927. Serial No. 248,834. PUBLISHED AUGUST 16, 1927. Class 46.
- 234,338. SCREWS OF ORDINARY METAL. GUEST, KEEN & NETTLEFOLDS LIMITED, London Works, Smethwick, England.
Filed May 10, 1927. Serial No. 248,771. PUBLISHED AUGUST 16, 1927. Class 13.
- 234,339. SCREWS OF ORDINARY METAL. GUEST, KEEN & NETTLEFOLDS LIMITED, London Works, Smethwick, England.
Filed May 10, 1927. Serial No. 248,770. PUBLISHED AUGUST 16, 1927. Class 13.
- 234,340. SCREWS OF ORDINARY METAL. GUEST, KEEN & NETTLEFOLDS LIMITED, London Works, Smethwick, England.
Filed May 10, 1927. Serial No. 248,769. PUBLISHED AUGUST 16, 1927. Class 13.
- 234,341. NAILS, ROOFING NAILS; HANGERS FOR PICTURES, GARMENTS, AND THE LIKE; PRICE-TICKET HOLDERS, HINGES, DRAWER PULLS. HARRY H. HONIGBAUM, doing business as Patent Nail & Holder Factories, New York, N. Y.
Filed May 9, 1927. Serial No. 248,694. PUBLISHED AUGUST 9, 1927. Class 13.
- 234,342. A DART AND TARGET GAME. EDWIN R. GILBERT, doing business as Play-boy Products Co., Los Angeles, Calif.
Filed May 6, 1927. Serial No. 248,565. PUBLISHED AUGUST 16, 1927. Class 22.
- 234,343. COMPLEXION POWDER. THE J. A. POZZONI PHARMACAL COMPANY, New York, N. Y.
Filed June 23, 1927. Serial No. 251,013. PUBLISHED AUGUST 16, 1927. Class 6.
- 234,344. SOLE LEATHER. LICHTENBERGER-FERGUSON COMPANY, Los Angeles, Calif.
Filed February 23, 1927. Serial No. 244,779. PUBLISHED AUGUST 16, 1927. Class 1.
- 234,345. WOMEN'S AND MEN'S HAIRDRESSING—NAMESLY. SHAMPOO. WEAVER-JACKSON COMPANY, Los Angeles, Calif.
Filed January 31, 1927. Serial No. 243,633. PUBLISHED AUGUST 16, 1927. Class 6.
- 234,346. SPORT FROCKS. BEATRICE G. DE MOTT, Englewood, N. J.
Filed January 27, 1927. Serial No. 243,427. PUBLISHED JUNE 21, 1927. Class 39.
- 234,347. CLOTHES-WASHING MACHINES ELECTRICALLY OPERATED. ASSOCIATED DEVICES CORPORATION, St. Louis, Mo.
Filed January 31, 1927. Serial No. 243,576. PUBLISHED JULY 26, 1927. Class 24.

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U. S. PATENT OFFICE.

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- 234,348. FRESH CITROUS FRUITS—NAMESLY, ORANGES, LEMONS, AND GRAPEFRUIT. LA VERNE ORANGE ASSOCIATION, La Verne, Calif.
Filed January 26, 1927. Serial No. 248,875. PUBLISHED AUGUST 16, 1927. Class 46.
- 234,349. ASPHALT AND BITUMINOUS COMPOUNDS FOR ROOFING, ROAD MAKING, AND WALL COATINGS. DE BATAAFSCHE PETROLEUM MAATSCHAPPIJ, The Hague, Netherlands.
Filed January 17, 1927. Serial No. 242,949. PUBLISHED AUGUST 16, 1927. Class 12.
- 234,350. TOY PHONOGRAPHS AND TALKING MACHINES. BING WERKE (formerly Gebrüder Bing A. G.), Nuremberg, Germany.
Filed January 15, 1927. Serial No. 242,877. PUBLISHED AUGUST 16, 1927. Class 22.
- 234,351. BABY BALM. THE KO-CIN-KO COMPANY, Oklahoma City, Okla.
Filed January 3, 1927. Serial No. 242,801. PUBLISHED MAY 24, 1927. Class 6.
- 234,352. RADIANT GAS HEATERS, WALL GAS HEATERS, AND GAS HEATERS OF THE COMBINED FLOOR AND WALL TYPE. PACIFIC GAS RADIATOR COMPANY, Los Angeles, Calif.
Filed December 4, 1926. Serial No. 240,995. PUBLISHED JULY 26, 1927. Class 34.
- 234,353. NONOILY CHEMICAL PREPARATIONS FOR DECARBONIZING AND LUBRICATING COMBUSTION CHAMBERS OF INTERNAL-COMBUSTION ENGINES. MORIN'S LABORATORIES, INC., Newton, Mass.
Filed November 26, 1926. Serial No. 240,618. PUBLISHED AUGUST 16, 1927. Class 6.
- 234,354. WINDOWS, SASHES, AND WINDOW FRAMES. BLISS STEEL PRODUCTS CORPORATION, East Syracuse, N. Y.
Filed November 23, 1926. Serial No. 240,480. PUBLISHED AUGUST 16, 1927. Class 12.
- 234,355. FRESH CITROUS FRUITS—NAMESLY, ORANGES, LEMONS, GRAPEFRUIT; FRESH DECIDUOUS FRUITS—NAMESLY, POMEGRANATES AND GRAPES. CHAPMAN ORCHARDS, Fullerton, Lindsay, and El Mirador, Calif.
Filed November 17, 1926. Serial No. 240,170. PUBLISHED AUGUST 16, 1927. Class 46.
- 234,356. CHEMICAL COMPOUND FOR THE CLEANING AND PRESERVING OF STEAM AND OTHER BOILERS AND THE PREVENTION OF RUST AND SCALING THEREIN. GILBERT EDWIN GODDARD, doing business as Goddard & Co., Sidney, Vancouver Island, British Columbia, Canada.
Filed October 28, 1926. Serial No. 239,860. PUBLISHED AUGUST 16, 1927. Class 6.
- 234,357. COMPRESSION BIBS AND STOPS, P TRAPS, CONNECTED WASTE AND OVERFLOW, ETC. CONSTRUCTION SUPPLIES COMPANY OF AMERICA, New York, N. Y.
Filed October 26, 1926. Serial No. 239,289. PUBLISHED JULY 26, 1927. Class 13.
- 234,358. COAL AND GAS WATER HEATERS, HOT WATER AND STEAM COAL AND GAS FURNACES, HEATING RADIATORS, BLOW AND ACETYLENE TORCHES, COAL AND GAS STEAM BOILERS. CONSTRUCTION SUPPLIES COMPANY OF AMERICA, New York, N. Y.
Filed October 26, 1926. Serial No. 239,238. PUBLISHED AUGUST 16, 1927. Class 34.
- 234,359. HAND AND FACE LOTIONS AND CREAMS. THE ARMAND COMPANY, Des Moines, Iowa.
Filed October 12, 1926. Serial No. 238,541. PUBLISHED AUGUST 16, 1927. Class 6.
- 234,360. GROUND ANIMAL FERTILIZER OR PULVERIZED ANIMAL MANURE. A. L. BACHRODT, doing business as Bachrodt & Company, San Jose, Calif.
Filed September 27, 1926. Serial No. 237,773. PUBLISHED JULY 26, 1927. Class 10.
- 234,361. NEGLIGENCE, DRESS, AND WORK SHIRTS. LOUIS BASKIND & CO. INC., New York, N. Y.
Filed September 22, 1926. Serial No. 237,531. PUBLISHED JUNE 21, 1927. Class 39.
- 234,362. CLAMPS, CATCHES, OR HOLDERS FOR SWINGING OR SLIDING CLOSURES. WILLIAM G. CURRAN, Astoria, N. Y.
Filed September 15, 1926. Serial No. 237,266. PUBLISHED AUGUST 16, 1927. Class 13.
- 234,363. EXTRACT FROM MALT AND RYE, GENERALLY TERMED MALTED RYE SIRUP, FOR FOOD PURPOSES. AMBROSIA MALT PROD. CO., INC., New York, N. Y.
Filed September 9, 1926. Serial No. 237,010. PUBLISHED MARCH 8, 1927. Class 46.
- 234,364. TOY GLIDERS. MILLER, PALMER & CO., Dubuque, Iowa.
Filed September 4, 1926. Serial No. 236,885. PUBLISHED AUGUST 16, 1927. Class 22.
- 234,365. FLOOR PAINTS, VARNISH STAINS, PAINT ENAMEL, AND THINNER. HARRY LEONARD GRUBBAUM, doing business as Technical Color & Chemical Works, New York, N. Y.
Filed May 3, 1927. Serial No. 248,364. PUBLISHED AUGUST 16, 1927. Class 16.
- 234,366. SIPHON BOTTLES. SPARKLETS, INCORPORATED, New York, N. Y.
Filed April 29, 1927. Serial No. 248,200. PUBLISHED JULY 26, 1927. Class 2.
- 234,367. STOVEPIPES. THE PARKERSBURG IRON AND STEEL CO., Beechwood, Parkersburg, W. Va.
Filed April 29, 1927. Serial No. 248,191. PUBLISHED JULY 26, 1927. Class 34.
- 234,368. TOILET PREPARATION IN PASTE FORM FOR THE TREATMENT OF THE HANDS, ARMS, AND FACE. M. SCHOFFER, doing business as Parfums Dixor, Paris, France.
Filed April 27, 1927. Serial No. 248,063. PUBLISHED AUGUST 9, 1927. Class 6.
- 234,369. ANTISEPTIC, DEODORANT, AND HEALING PREPARATION FOR THE TREATMENT OF IRRITATIONS OF AND TENDER AND ITCHING SKIN, INCLUDING INFECTED AND BLEEDING CRACKS, AND AFFECTIONS OF THE FEET, INCLUDING EXCESSIVE MOISTURE, ODORS, SOFT CORNS, GALLS, ETC. THE MILLER LABORATORIES, INC., Chicago, Ill.
Filed April 27, 1927. Serial No. 248,044. PUBLISHED AUGUST 9, 1927. Class 6.
- 234,370. BASEBALL BATS. JOS. G. KERN, Syracuse, N. Y.
Filed April 26, 1927. Serial No. 248,003. PUBLISHED AUGUST 16, 1927. Class 22.
- 234,371. PADS FOR USE IN PERMANENT HAIR WAVING AND FOR PERMANENT HAIR-WAVING MACHINES AND APPLIANCES. LEON INGRASSIA, doing business as I. Leon Company, New York, N. Y.
Filed April 20, 1927. Serial No. 247,738. PUBLISHED AUGUST 16, 1927. Class 44.
- 234,372. FURNITURE POLISH, AUTOMOBILE POLISH, AND PAINT RENEWER. ALBERT A. WHITE, doing business as White Brothers, Long Beach, Calif.
Filed April 9, 1927. Serial No. 247,233. PUBLISHED AUGUST 9, 1927. Class 16.
- 234,373. HEALING AND PALLIATIVE SALVES FOR EXTERNAL APPLICATION ONLY. HENRY WILLIAM RUTSHAW, Chicago, Ill.
Filed April 8, 1927. Serial No. 247,144. PUBLISHED AUGUST 16, 1927. Class 6.

- 234,374. DOLLS. LOUIS AMBERG & SON, New York, N. Y.
Filed April 7, 1927. Serial No. 247,056. PUBLISHED AUGUST 16, 1927. Class 22.
- 234,375. POCKET LIGHTERS, TINDER BOXES, AND SUPPLIES SUCH AS WICKS, PYROPHORIC ALLOYS, LIQUID FUNNELS, AND THE LIKE INTENDED TO BE USED IN CONNECTION WITH POCKET LIGHTERS BURNING BENZINE AND ALCOHOL, AND TINDER BOXES. JEAN FERDINAND-BREYFUS, Paris, France.
Filed April 5, 1927. Serial No. 246,956. PUBLISHED JULY 26, 1927. Class 34.
- 234,376. CANDY ICE-CREAM CUPS. THE KICK PRODUCTS Co., Grand Junction, Colo.
Filed April 4, 1927. Serial No. 246,911. PUBLISHED JULY 5, 1927. Class 46.
- 234,377. SHELLED AND UNSHELLED AND POPPED POP CORN, A PACKAGED FOOD PRODUCT. HALE'S MILLING COMPANY, Milwaukee, Wis.
Filed April 4, 1927. Serial No. 246,899. PUBLISHED AUGUST 16, 1927. Class 46.
- 234,378. MALT SIRUP. PABST CORPORATION, Milwaukee, Wis.
Filed March 29, 1927. Serial No. 246,563. PUBLISHED MAY 10, 1927. Class 46.
- 234,379. CANDLESTICKS, SCONCES, LAMPS, MAINLY OF BASE METAL, AND INCENSE BURNERS, ALL OTHER THAN ELECTRICAL. THE ROY-CROFTERS, East Aurora, N. Y.
Filed March 26, 1927. Serial No. 246,438. PUBLISHED JULY 26, 1927. Class 34.
- 234,380. A COMPRESSED ANTIPAIN TABLET. FRED A. SMALL AND ROBERT H. HORAK, doing business as The Dolorcide Laboratories, Cedar Rapids, Iowa.
Filed March 19, 1927. Serial No. 246,056. PUBLISHED AUGUST 16, 1927. Class 6.
- 234,381. AUTOMOTIVE-VEHICLE CABS, DUMP BODIES, AND RACK BODIES. THE METROPOLITAN BODY COMPANY, Bridgeport, Conn.
Filed March 16, 1927. Serial No. 245,852. PUBLISHED AUGUST 9, 1927. Class 19.
- 234,382. HOT-AIR HEATERS OTHER THAN ELECTRICAL AND HOT-AIR DISTRIBUTING MEANS. THE MAJESTIC COMPANY, Huntington, Ind.
Filed March 14, 1927. Serial No. 245,738. PUBLISHED JULY 26, 1927. Class 34.
- 234,383. COVERS FOR THE TOP OF AUTOMOTIVE VEHICLES. THE BASSICK MANUFACTURING COMPANY, Chicago, Ill.
Filed March 14, 1927. Serial No. 245,689. PUBLISHED AUGUST 16, 1927. Class 19.
- 234,384. MAILING ENVELOPES. THE AMERICAN ENVELOPE Co., West Carrollton, Ohio.
Filed March 11, 1927. Serial No. 245,526. PUBLISHED AUGUST 9, 1927. Class 37.
- 234,385. SANDWICH SPREAD THE CHIEF INGREDIENTS OF WHICH ARE OIL, VINEGAR, PIMENTOS, PICKLES, SPICES, AND OTHER CONDIMENT, MAYONNAISE DRESSING, THOUSAND ISLAND SALAD DRESSING, AND FRENCH DRESSING. HILLCREST PRODUCTS Co., St. Louis, Mo.
Filed June 13, 1927. Serial No. 250,451. PUBLISHED AUGUST 9, 1927. Class 46.
- 234,386. PIPE HANGERS. THE PLESSCO COMPANY, Inc., Concord, N. H.
Filed June 10, 1927. Serial No. 250,323. PUBLISHED AUGUST 2, 1927. Class 13.
- 234,387. KEGS AND BARRELS. M. & P. PRODUCTS Co., Detroit, Mich.
Filed June 10, 1927. Serial No. 250,313. PUBLISHED AUGUST 2, 1927. Class 2.

- 234,388. CONTAINERS MADE OF WOOD, THIN SHEET METAL, AND HEAVY CARDBOARD AND SIMULATING AN AEROPLANE FOR THE RECEPTION OF VARIOUS KINDS OF MERCHANDISE. CHAS. W. HALL & Co., Inc., Valparaiso, Ind.
Filed June 10, 1927. Serial No. 250,306. PUBLISHED AUGUST 16, 1927. Class 2.
- 234,389. GRADED RAW POTATOES. DEAN-OSKING COMPANY, Hatton, N. Dak.
Filed June 10, 1927. Serial No. 250,300. PUBLISHED AUGUST 16, 1927. Class 46.
- 234,390. HAIR TONICS AND DANDRUFF REMEDIES. AMENDOLA BROTHERS, Inc., New Haven, Conn.
Filed June 10, 1927. Serial No. 250,287. PUBLISHED AUGUST 16, 1927. Class 6.
- 234,391. PREPARATION FOR THE RELIEF OF COLDS, CROUP, ASTHMA, CATARRH, AND HAY FEVER. GEORGE F. SMITH, doing business as Rosebud Perfume Company, Woodsboro, Md.
Filed June 9, 1927. Serial No. 250,268. PUBLISHED AUGUST 9, 1927. Class 6.
- 234,392. IRONING-BOARD COVERS AND PADS. JORDAN MARSH COMPANY, Boston, Mass.
Filed June 9, 1927. Serial No. 250,243. PUBLISHED AUGUST 16, 1927. Class 24.
- 234,393. METALLIC VALVES TOGETHER WITH FITTINGS AND CONNECTIONS THEREFOR. THE AIR-SCALE COMPANY, Toledo and Delta, Ohio.
Filed June 8, 1927. Serial No. 250,152. PUBLISHED AUGUST 16, 1927. Class 13.
- 234,394. CANNED BEANS. THE VAN CAMP PACKING COMPANY, Indianapolis, Ind.
Filed June 4, 1927. Serial No. 250,052. PUBLISHED AUGUST 16, 1927. Class 46.
- 234,395. GAS WATER HEATERS. THE SANDS MANUFACTURING COMPANY, Cleveland, Ohio.
Filed June 4, 1927. Serial No. 250,040. PUBLISHED AUGUST 16, 1927. Class 34.
- 234,396. GAME OF CHANCE PLAYED WITH NUMBERED AND MARKED PIECES. JOHN ERICKSON OSBERG, doing business as Rixon Novelty Co., and Rixon Nov. Co., Chicago, Ill.
Filed June 3, 1927. Serial No. 249,991. PUBLISHED AUGUST 16, 1927. Class 22.
- 234,397. DISHWASHERS (ATTACHMENTS FOR FAUCETS). STEELS AND JOHNSON MFG. Co., Waterbury, Conn.
Filed June 2, 1927. Serial No. 249,935. PUBLISHED JULY 26, 1927. Class 13.
- 234,398. NONELECTRIC CIGAR LIGHTERS FOR THE POCKET, TABLE, AND AUTOMOBILE. STEELS AND JOHNSON MFG. Co., Waterbury, Conn.
Filed June 2, 1927. Serial No. 249,934. PUBLISHED AUGUST 16, 1927. Class 34.
- 234,399. FRUIT PRESERVES. GOLDMEYER & ARNOLD, INCORPORATED, New York, N. Y.
Filed June 1, 1927. Serial No. 249,846. PUBLISHED AUGUST 16, 1927. Class 46.
- 234,400. VINEGAR—NAMESLY, CIDER, DISTILLED, MALT, WINE, AND SIRUP VINEGARS. CHARLES MILLSAPS BUTTERFIELD, doing business as the Fruit Products Co., Savannah, Ga., assignor to Fruit Products Company, Inc., Savannah, Ga., a Corporation of Georgia.
Filed June 1, 1927. Serial No. 249,834. PUBLISHED AUGUST 2, 1927. Class 46.
- 234,401. GLANDULAR AND VEGETABLE COMPOUND TONIC. PREFERRED PRODUCTS, INC., Los Angeles, Calif.
Filed May 31, 1927. Serial No. 249,805. PUBLISHED AUGUST 16, 1927. Class 6.
- 234,402. ENAMEL PAINT AND READY-MIXED PAINT. THE PERRY & DERRICK Co., Dayton, Ky.
Filed May 28, 1927. Serial No. 249,746. PUBLISHED AUGUST 9, 1927. Class 16.

- 234,403. BALE TIES. KEYSTONE STEEL & WIRE COMPANY, South Bartonville, Peoria, Ill.
Filed May 28, 1927. Serial No. 249,730. PUBLISHED AUGUST 9, 1927. Class 13.
- 234,404. CANDY. THE BRADLEY, SMITH CO., New Haven, Conn.
Filed May 28, 1927. Serial No. 249,700. PUBLISHED AUGUST 16, 1927. Class 46.
- 234,405. GRASS AND FIELD SEEDS. WILLIAM G. SCARLETT, doing business as Wm. G. Scarlett & Co., Baltimore, Md.
Filed June 11, 1927. Serial No. 250,421. PUBLISHED AUGUST 9, 1927. Class 1.
- 234,406. TOILET PREPARATIONS—VIZ, PERFUME, TOILET WATER, FACE POWDER, SACHET, HAND CREAM, AND COLD CREAM. BOUJOURS, Inc., New York, N. Y.
Filed June 11, 1927. Serial No. 250,366. PUBLISHED AUGUST 16, 1927. Class 6.
- 234,407. MEDICINAL OINTMENT FOR THE RELIEF OF INFLAMMATION AND CONGESTION, SUCH AS ASTHMA, BRONCHITIS, CATARRH, CHEST COLDS, CROUP, HEAD COLDS, PNEUMONIA, SORE THROAT, WHOOPING COUGH, BOILS, BURNS, BRUISES, HEADACHE, ITCHING, NEURALGIA, PILES (ITCHING), RHEUMATIC PAINS, AND HAY FEVER. SOUTHERN PINK REMEDIES, INCORPORATED, Brooklyn, N. Y.
Filed June 10, 1927. Serial No. 250,828. PUBLISHED AUGUST 16, 1927. Class 6.
- 234,408. HERB MEDICINE FOR THE TREATMENT OF KIDNEY AND BLADDER TROUBLE, SUGAR DIABETES, HIGH BLOOD PRESSURE, LIVER TROUBLE, STOMACH TROUBLE, CONSTIPATION, NERVOUS TROUBLE, LUNG TROUBLE, RHEUMATISM, HEART TROUBLE, AND SHORT BREATH, ASTHMA, ECZEMA, AND SIMILAR SKIN DISEASES. ELI A. COON, doing business as Chippewa Indian Medicine Co., Bay City, Mich.
Filed June 9, 1927. Serial No. 250,230. PUBLISHED AUGUST 16, 1927. Class 6.
- 234,409. BRICKS. THE BABCOCK & WILCOX COMPANY, New York, N. Y.
Filed June 2, 1927. Serial No. 249,885. PUBLISHED AUGUST 9, 1927. Class 12.
- 234,410. READY-CUT, MACHINED, AND PARTLY-ASSEMBLED MATERIALS INTENDED FOR USE IN THE FINAL CONSTRUCTION AND COMPLETION OF HOUSEHOLD AND KITCHEN FURNITURE, FIXTURES, ETC. WM. CAMERON & Co. Inc., Waco, Tex.
Filed June 1, 1927. Serial No. 249,835. PUBLISHED AUGUST 16, 1927. Class 12.
- 234,411. LIQUID SHAMPOO AND EXTERMINATOR OF FLEAS AND OTHER VERMIN. CHAPPELL BROS., Inc., Rockford, Ill.
Filed May 27, 1927. Serial No. 249,639. PUBLISHED AUGUST 16, 1927. Class 6.
- 234,412. TOILET PREPARATIONS—NAMESLY, MILK PACK, LEMON PACK, MUD PACK, MASSAGE CREAM, COLD CREAM, LEMON CREAM, CUTICLE CREAM, HAIR TONIC, SHAMPOO, LIQUID MARCELL WAX, FACE POWDER, ROUGE, LIP STICK, MISCLE OIL, AND BRILLIANTINE. M. WAHL & SON, New York, N. Y.
Filed May 20, 1927. Serial No. 249,308. PUBLISHED AUGUST 16, 1927. Class 6.
- 234,413. FLY SWATTERS. LUBBERS & BELL MANUFACTURING Co., Clinton, Iowa.
Filed May 16, 1927. Serial No. 249,077. PUBLISHED AUGUST 16, 1927. Class 30.
- 234,414. BLOCKS OF GRANITE NOT PREPARED FOR BUILDING PURPOSES. E. L. SMITH & Co., Barre, Vt.
Filed May 12, 1927. Serial No. 248,938. PUBLISHED AUGUST 16, 1927. Class 1.
- 234,415. ROLL ROOFING, BUILDING PAPER, AND COMPOSITION SHINGLES. HARRY H. HONIGBAUM, doing business as The Rubber Roofing Co., New York, N. Y.
Filed May 9, 1927. Serial No. 248,695. PUBLISHED AUGUST 9, 1927. Class 12.
- 234,416. FRESH FLOWERS AND PLANTS. M. GOLDFARB, New York, N. Y.
Filed May 9, 1927. Serial No. 248,651. PUBLISHED AUGUST 16, 1927. Class 1.
- 234,417. METAL LATH. THE EDWARDS MANUFACTURING COMPANY, Cincinnati, Ohio.
Filed May 7, 1927. Serial No. 248,625. PUBLISHED AUGUST 16, 1927. Class 12.
- 234,418. COLD AND CLEANSING CREAM, TISSUE CREAM, VANISHING CREAM, ASTRINGENT CREAM, LIP STICK, FACE POWDER, DUSTING POWDER, ROUGE, COMPLEXION POWDER, TOILET WATER, PERFUME, EYEBROW PENCIL, TALCUM, AND POWDER AND ROUGE COMPACTS. LUXOR, LIMITED, Chicago, Ill.
Filed May 6, 1927. Serial No. 248,580. PUBLISHED AUGUST 16, 1927. Class 6.
- 234,419. HOPS. ZORN PRODUCTS Co., Michigan City, Ind.
Filed May 5, 1927. Serial No. 248,542. PUBLISHED AUGUST 16, 1927. Class 1.
- 234,420. DEODORANTS, DISINFECTANTS, ANTISEPTICS, AND GERMICIDES. ODOR-NOX CHEMICAL COMPANY, Los Angeles, Calif.
Filed May 4, 1927. Serial No. 248,423. PUBLISHED AUGUST 16, 1927. Class 1.
- 234,421. UNIFORM CAP-COVER STRETCHER. ROBERT HOWARD LAMM, Takoma Park, Md.
Filed May 2, 1927. Serial No. 248,306. PUBLISHED AUGUST 9, 1927. Class 50.
- 234,422. FIRE BRICK. STANDARD FUEL ENGINEERING COMPANY, Detroit, Mich.
Filed April 20, 1927. Serial No. 247,759. PUBLISHED AUGUST 16, 1927. Class 12.
- 234,423. LAXATIVE. RICHARDS, INC., Glenolden, Pa.
Filed March 29, 1927. Serial No. 246,569. PUBLISHED MAY 31, 1927. Class 6.
- 234,424. PARAFFIN-TREATED CLOTH FOR WINDOW COVERINGS AND THE LIKE. ALFRED S. TURNER, doing business as Turner Brothers, Bladen, Nebr., and Wellington, Ohio.
Filed March 15, 1927. Serial No. 245,816. PUBLISHED AUGUST 16, 1927. Class 50.
- 234,425. SALVE FOR THE TREATMENT OF PILES, HEMORRHOIDS, AND RECTAL DISORDERS. THE MARVON CORPORATION, Poughkeepsie, N. Y.
Filed June 20, 1927. Serial No. 250,811. PUBLISHED AUGUST 16, 1927. Class 6.
- 234,426. RAGS AND OLD NEWSPAPERS. NATIONAL SANITARY RAG Co., San Francisco, Calif.
Filed June 14, 1927. Serial No. 250,517. PUBLISHED AUGUST 16, 1927. Class 1.
- 234,427. CORK BOARD FOR BUILDING AND THERMAL INSULATING PURPOSES. CORK IMPORT CORPORATION, New York, N. Y.
Filed June 13, 1927. Serial No. 250,442. PUBLISHED AUGUST 9, 1927. Class 12.
- 234,428. MEDICINAL PREPARATION IN THE FORM OF A SALVE FOR THE TREATMENT OF BOILS AND BLOOD POISONING. FRANCIS J. CULLEN, doing business as Cullen Salve Company, Jersey City, N. J.
Filed June 13, 1927. Serial No. 250,444. PUBLISHED AUGUST 16, 1927. Class 6.
- 234,429. BRISTLES. W. H. BOLTON BRISTLE COMPANY, Wilmington, Del.
Filed June 13, 1927. Serial No. 250,432. PUBLISHED AUGUST 16, 1927. Class 1.

- 234,430. HAIR TONIC. ARDEN CHEMICAL COMPANY, New York, N. Y.
Filed August 28, 1926. Serial No. 236,584. PUBLISHED AUGUST 16, 1927. Class 6.
- 234,431. SALVES, OINTMENT, FACE POWDER, ETC. SUNLAND LABORATORIES, INC., Los Angeles, Calif.
Filed August 25, 1926. Serial No. 236,449. PUBLISHED AUGUST 16, 1927. Class 6.
- 234,432. SALVES, OINTMENT, FACE POWDER, ETC. SUNLAND LABORATORIES, INC., Los Angeles, Calif.
Filed August 25, 1926. Serial No. 236,447. PUBLISHED AUGUST 16, 1927. Class 6.
- 234,433. LIQUID PURGATIVE MEDICINES. STERLING PRODUCTS (INCORPORATED), Wheeling, W. Va.
Filed August 17, 1926. Serial No. 236,100. PUBLISHED MAY 17, 1927. Class 6.
- 234,434. MEDICATED CHEWING GUM FOR THE RELIEF OF HEADACHES, NEURALGIA, AND COLDS. ALBERT PEZZELLA, doing business as Marvel Laboratories Company, New York, N. Y.
Filed July 20, 1926. Serial No. 234,800. PUBLISHED AUGUST 16, 1927. Class 6.
- 234,435. FINGER ROLLS, SANDWICH ROLLS, WERNERS, MINCED MEAT, PICKLES, AND PICKLE RELISH. GREGORY J. DECK, doing business as Decco Refreshments, Buffalo, N. Y.
Filed July 17, 1926. Serial No. 234,963. PUBLISHED FEBRUARY 15, 1927. Class 46.
- 234,436. METAL HEADLIGHT REFLECTORS. WILLIAM H. WOOD, doing business as Rexlite Company, Cleveland, Ohio.
Filed June 26, 1926. Serial No. 233,803. PUBLISHED AUGUST 2, 1927. Class 34.
- 234,437. TAPERED-AND TEMPERED STEEL TUBING FOR GOLF-CLUB SHAFTS, FISHING POLES, FLAGSTAFS, CANES, FISH-NET HANDLES, POLO MALLETS, BILLIARD CUES, AND LIKE PURPOSES. UNION HARDWARE COMPANY, Torrington, Conn.
Filed June 23, 1926. Serial No. 233,664. PUBLISHED AUGUST 16, 1927. Class 13.
- 234,438. HEALING SALVE, AND PARTICULARLY ADAPTED FOR THE TREATMENT OF BOILS, ABSCESSSES, FELONS, CORNS, OLD SORES, PILES, CUTS, BRUISES, ITCH, COLD ON LUNGS, BURNS, RUSTY-NAIL WOUNDS, BLOOD POISON, POISON IVY, ERYSIPELAS, AND ECZEMA. HIRSH L. KEZAR, Durand, Wis., assignor to Fred A. Brown and Henry William Randall, Durand, Wis.
Filed June 23, 1926. Serial No. 233,647. PUBLISHED AUGUST 16, 1927. Class 6.
- 234,439. ILLUSTRATIVE SPECIMENS AND MODELS OF PATENTED INVENTIONS OF DIFFERENT TYPES. JAMES WEBB SAFFOLD, doing business as The Devices Development Company, Cleveland, Ohio.
Filed May 22, 1926. Serial No. 232,101. PUBLISHED AUGUST 16, 1927. Class 50.
- 234,440. SANITARY BELTS. AMERICAN NARROW FABRIC COMPANY, Worcester, Mass.
Filed May 22, 1926. Serial No. 232,062. PUBLISHED AUGUST 16, 1927. Class 44.
- 234,441. WAXED PAPER AND WRAPPING PAPER. GRIGGS, COOPER & COMPANY, St. Paul, Minn.
Filed May 19, 1926. Serial No. 231,863. PUBLISHED JULY 19, 1927. Class 37.
- 234,442. COMMERCIAL CASTINGS OF ALL KINDS, ROLLED SLABS AND SETS OF SLABS OF METAL AND METAL WIRE ALL OF FERROUS METAL. BANSKA-A HUTNI SPOLEČNOST, Brno, Czechoslovakia.
Filed May 18, 1926. Serial No. 231,785. PUBLISHED AUGUST 9, 1927. Class 14.

- 234,443. COMMERCIAL CASTINGS OF ALL KINDS, ROLLED SLABS AND SETS OF SLABS OF METAL, AND METAL WIRE, ALL OF FERROUS METAL. BANSKA-A HUTNI SPOLEČNOST, Brno, Czechoslovakia.
Filed May 18, 1926. Serial No. 231,784. PUBLISHED AUGUST 9, 1927. Class 14.
- 234,444. PLASTIC COMPOSITION USED AS FLOOR COVERING. THE RUBBER CITY MFG. CO., Akron, Ohio.
Filed February 13, 1926. Serial No. 227,279. PUBLISHED AUGUST 16, 1927. Class 12.
- 234,445. PICKLED HERRINGS. JOSEPH SLATER LIMITED, Aberdeen, Scotland.
Filed January 13, 1926. Serial No. 225,883. PUBLISHED AUGUST 16, 1927. Class 46.
- 234,446. PETROLEUM PRODUCTS—NAMESLY, GASOLINE, LUBRICATING OILS, LUBRICATING GREASES, PETROLEUM DISTILLATES OTHER THAN KEROSENE AND ILLUMINATING OILS, AND MOTOR FUELS IN WHICH A CHIEF CONSTITUENT IS GASOLINE. THE BROOKS OIL COMPANY, Cleveland, Ohio.
Filed January 4, 1926. Serial No. 225,465. PUBLISHED MARCH 2, 1926. Class 15.
- 234,447. ORNAMENTAL WIRE AND IRON WORK—NAMESLY, WINDOW GUARDS, WICKETS, SCREENS, GRILLS, DOORS, GATES, RAILINGS, BALCONIES, STAIRWAYS, ELEVATOR ENCLOSURES, GRATINGS, PARTS OF FENCES TRELLISES, MERCHANDISE CHUTES, AND GUIDES, AND METAL CANOPIES. LOGAN COMPANY, Louisville, Ky.
Filed June 15, 1925. Serial No. 215,801. PUBLISHED AUGUST 16, 1927. Class 12.
- 234,448. RADIANT GAS-HEATING DEVICES. FLORENCE W. SHEPHERD, doing business as The F. W. Shepherd Stove Company, Pittsburgh, Pa.
Filed May 13, 1925. Serial No. 214,230. PUBLISHED JULY 26, 1927. Class 34.
- 234,449. BOXED CANDY, CHOCOLATE CANDY, SUGAR CANDY, CANDY CONFECTIONS, AND CANDY MADE OF NUTS. UNIVERSAL CANDY COMPANY, Chicago, Ill., assignor, by mesne assignments, to George Sheppholes, Chicago, Ill.
Filed May 16, 1919. Serial No. 118,576. PUBLISHED JUNE 22, 1920. Class 46.
- 234,450. ABSORBENT COTTON AND COMBINATION SYRINGES. ASSOCIATED MERCHANDISING CORPORATION, New York, N. Y.
Filed June 30, 1927. Serial No. 251,316. PUBLISHED AUGUST 16, 1927. Class 44.
- 234,451. POWDER FOR ALLEVIATING PAIN OF BURNS, SORES, AND WOUNDS. SALVATORE PUPPELLA, doing business as Alpha Laboratory, New York, N. Y.
Filed June 28, 1927. Serial No. 251,241. PUBLISHED AUGUST 16, 1927. Class 6.
- 234,452. SHAMPOOING PREPARATIONS—NAMESLY, HENNA SHAMPOO, COCONUT-OIL SHAMPOO, COCONUT-TAR SHAMPOO, AND OLIVE-OIL SHAMPOO. DENVER PHARMACEUTICAL MFG. CO., INC., Long Island City, N. Y.
Filed June 28, 1927. Serial No. 251,222. PUBLISHED AUGUST 16, 1927. Class 6.
- 234,453. INSECTICIDES. MCCORMICK & CO., INCORPORATED, Baltimore, Md.
Filed June 25, 1927. Serial No. 251,146. PUBLISHED AUGUST 16, 1927. Class 6.
- 234,454. OILS FOR LUBRICATING WOOLEN AND WORSTED YARNS. E. F. HOUGHTON & CO., Philadelphia, Pa.
Filed June 24, 1927. Serial No. 251,037. PUBLISHED AUGUST 16, 1927. Class 6.

- 234,455. FACIAL CLEANSING AND MASSAGE CREAMS AND ICES, ASTRINGENT LOTIONS, AND LIP SALVES. CAROLYN G. FOX, doing business as Carolyn Renard, St. Louis, Mo.
Filed June 24, 1927. Serial No. 251,031. PUBLISHED AUGUST 9, 1927. Class 6.
- 234,456. PERFUMES AND PERFUMED HAIR TONICS. ARTHUR T. SINYKIN, doing business as The Nipola Company, St. Paul, Minn.
Filed June 23, 1927. Serial No. 251,019. PUBLISHED AUGUST 9, 1927. Class 6.
- 234,457. MALTLESS TABLE AND COOKING SIRUPS. LIPSCOMB BROS. INC., New Orleans, La.
Filed June 23, 1927. Serial No. 251,001. PUBLISHED AUGUST 9, 1927. Class 46.
- 234,458. PERFUME, TOILET WATER, FACE POWDER, TALCUM POWDER, DUSTING POWDER, SACHET, BRILLIANTINE, FACE CREAM, ROUGE, LOTION FOR THE HAIR AND SKIN, AND BATH SALTS, BANDOLINE, COLD CREAM, LIP STICK, VEGETAL, AND COMPACTS. HOUBIGANT, INC., New York, N. Y.
Filed June 23, 1927. Serial No. 250,995. PUBLISHED AUGUST 16, 1927. Class 6.
- 234,459. FOUNTAIN PENS. THE SAGER PEN CORPORATION, Chicago, Ill., and New York, N. Y.
Filed June 22, 1927. Serial No. 250,941. PUBLISHED AUGUST 16, 1927. Class 37.
- 234,460. INSECTICIDE. VITOLD DROBNES, doing business as Bram Laboratories, New York, N. Y.
Filed June 22, 1927. Serial No. 250,910. PUBLISHED AUGUST 9, 1927. Class 6.
- 234,461. COMPOUND FOR PREPARING CHOCOLATE FOOD DRINKS. MANHATTAN BAKING POWDER CO., INC., Brooklyn, N. Y.
Filed June 21, 1927. Serial No. 250,852. PUBLISHED AUGUST 9, 1927. Class 46.
- 234,462. A WINE-BITTERS TONIC. WILLIAM CREVEY, doing business as Red Monk Medicinal Wine Co., Los Angeles, Calif.
Filed June 21, 1927. Serial No. 250,838. PUBLISHED AUGUST 16, 1927. Class 6.
- 234,463. FRESH TOMATOES PACKED IN CRATES. J. TRANKINA & CO., Chicago, Ill.
Filed June 18, 1927. Serial No. 250,766. PUBLISHED AUGUST 16, 1927. Class 46.
- 234,464. MEDICINAL PREPARATION FOR THE TREATMENT OF CONDITIONS OF THE GALL BLADDER AND BILIARY TRACT. CHARLES W. GREEN, doing business as The Bilo Co., New York, N. Y.
Filed June 18, 1927. Serial No. 250,746. PUBLISHED AUGUST 16, 1927. Class 6.
- 234,465. AUTOMOBILES AND CHASSIS THEREFOR. VAUXHALL MOTORS LIMITED, Luton, Bedfordshire, England.
Filed June 17, 1927. Serial No. 250,725. PUBLISHED AUGUST 16, 1927. Class 19.
- 234,466. SEAMLESS COTTON BAGS. ROYAL RIVER MANUFACTURING & POWER COMPANY, Boston, Mass.
Filed June 17, 1927. Serial No. 250,714. PUBLISHED AUGUST 16, 1927. Class 2.
- 234,467. SEAMLESS COTTON BAGS. ROYAL RIVER MANUFACTURING & POWER COMPANY, Boston, Mass.
Filed June 17, 1927. Serial No. 250,713. PUBLISHED AUGUST 16, 1927. Class 2.
- 234,468. RADIATOR ENCLOSURES. AJAX RADIATOR ENCLOSURE CO. INC., Brooklyn, N. Y.
Filed June 16, 1927. Serial No. 250,591. PUBLISHED AUGUST 2, 1927. Class 34.
- 234,469. WINDOW LOCK. TWINDOLOX CORPORATION, Long Beach, Calif.
Filed June 13, 1927. Serial No. 250,479. PUBLISHED AUGUST 16, 1927. Class 25.
- 234,470. TABLETS FOR THE TREATMENT OF HEART DISEASES. THE UPJOHN COMPANY, Kalamazoo, Mich.
Filed July 9, 1927. Serial No. 251,800. PUBLISHED AUGUST 16, 1927. Class 6.
- 234,471. OINTMENT FOR THE TREATMENT OF SKIN DISEASES. THE UPJOHN COMPANY, Kalamazoo, Mich.
Filed July 9, 1927. Serial No. 251,799. PUBLISHED AUGUST 16, 1927. Class 6.
- 234,472. FRESH DECIDUOUS FRUITS—NAMESLY, PEARS. W. J. ROBERTS, doing business as R. D. Robbins Estate, Suisun, Calif.
Filed July 7, 1927. Serial No. 251,630. PUBLISHED AUGUST 16, 1927. Class 46.
- 234,473. WRAPPING PAPER. S. SAFIER, INC., Jersey City, N. J.
Filed July 2, 1927. Serial No. 251,458. PUBLISHED AUGUST 16, 1927. Class 37.
- 234,474. STATIONERS' BANDS MADE OF RUBBER. THE B. F. GOODRICH COMPANY, New York, N. Y.
Filed June 30, 1927. Serial No. 251,334. PUBLISHED AUGUST 16, 1927. Class 37.
- 234,475. STATIONERS' BANDS MADE OF RUBBER. THE B. F. GOODRICH COMPANY, New York, N. Y.
Filed June 30, 1927. Serial No. 251,333. PUBLISHED AUGUST 16, 1927. Class 37.
- 234,476. LEATHER. THE GRIESS-PFLEGER TANNING CO., Peabody, Mass.
Filed June 24, 1927. Serial No. 251,053. PUBLISHED AUGUST 9, 1927. Class 1.
- 234,477. LEATHER. THE GRIESS-PFLEGER TANNING CO., Peabody, Mass.
Filed June 24, 1927. Serial No. 251,052. PUBLISHED AUGUST 9, 1927. Class 1.
- 234,478. LINIMENT FOR RHEUMATISM, RHEUMATIC PAINS, NEURALGIA, STIFF NECK, SPRAINS, BUMPS, AND BRUISES WHEN USED EXTERNALLY AND FOR CRAMPS AND COLIC WHEN USED INTERNALLY. THE BORADIS COMPANY, Ephrata, Wash.
Filed June 23, 1927. Serial No. 250,969. PUBLISHED AUGUST 16, 1927. Class 6.
- 234,479. COAL. THE MASTELLER COAL COMPANY, Keyser, W. Va.
Filed June 22, 1927. Serial No. 250,928. PUBLISHED AUGUST 16, 1927. Class 1.
- 234,480. MEDICINE FOR TREATING KIDNEY DISEASES IN HOGS. ALBERT E. ELY, doing business as Quiz Chemical Company, Glasgow, Ky.
Filed June 22, 1927. Serial No. 250,913. PUBLISHED AUGUST 16, 1927. Class 6.

[ACT OF MARCH 19, 1920, SEC. 1 (b)].
THESE REGISTRATIONS ARE NOT SUBJECT TO OPPOSITION.

234,481. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) WRIGHT BROTHERS PHARMACAL LABORATORY, Orange, N. J. Filed Sept. 8, 1927. Serial No. 254,534.

WRIGHT'S

Particular description of goods.—Ointment for the Treatment of Burns, Bites, Bruises, Cuts, and Skin Diseases.

Claims use since July 1, 1925.

234,482. (CLASS 15. OILS AND GREASES.) THE BOYE NEEDLE CO., Chicago, Ill. Filed Aug. 15, 1927. Serial No. 253,451.

"BOYE"

Particular description of goods.—Lubricating Oil in Bottles and Lubricating Oil in Cans.

Claims use since April, 1908, as to oils in bottles; January, 1924, as to oils in cans.

234,483. (CLASS 35. BELTING, HOSE, MACHINERY PACKING, AND NONMETALLIC TIRES.) THE BOYE NEEDLE CO., Chicago, Ill. Filed Aug. 15, 1927. Serial No. 253,450.

"BOYE"

Particular description of goods.—Sewing-Machine Belts.

Claims use since February, 1909.

234,484. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) STANDARD OIL COMPANY (NEW JERSEY), Bayonne, N. J. Filed Aug. 6, 1927. Serial No. 253,165.

STANDARD OIL CO. (NEW JERSEY)

Particular description of goods.—Mineral Oils for Chemical, Medicinal, and Pharmaceutical Purposes; Petrolatums, Isopropyl Alcohol, Compounds of Mineral Oil With Medicinal Chemicals, Insecticides, Deodorants, and Disinfectants.

Claims use for more than one year prior to Aug. 6, 1927.

234,485. (CLASS 37. PAPER AND STATIONERY.) THE WRENN PAPER COMPANY, Middletown, Ohio. Filed July 28, 1927. Serial No. 252,670.

MOSAIC

Particular description of goods.—Blotting Paper.

Claims use since Apr. 1, 1908.

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234,486. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) BIROTO INC., New York, N. Y. Filed July 19, 1927. Serial No. 252,256.

RUB-ROUGE

Particular description of goods.—Cosmetics—Namely, Face Rouge and Face Powder.

Claims use since September, 1924.

234,487. (CLASS 37. PAPER AND STATIONERY.) THE PERKINS GOODWIN COMPANY, New York, N. Y. Filed Apr. 21, 1927. Serial No. 247,817.

PICKERING WOVE

Particular description of goods.—Printing Paper.

Claims use since Dec. 8, 1924.

234,488. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) THE RAYMOND CITY COAL COMPANY, Cincinnati, Ohio. Filed Feb. 12, 1927. Serial No. 244,319.

RAYMOND CITY COAL

Particular description of goods.—Coal.

Claims use since Apr. 1, 1926.

234,489. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) RED LODGE CANNING COMPANY, Red Lodge, Mont. Filed Feb. 10, 1927. Serial No. 244,183.

PRIMA VERA

Particular description of goods.—Canned Vegetables—Namely, Peas.

Claims use since Sept. 2, 1926.

234,490. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) HARRY C. SCHAPER, doing business as Schaper Scale Company, St. Louis, Mo. Filed Jan. 10, 1927. Serial No. 242,626.

REGULATOR

Particular description of goods.—Portable Weighing Scales.

Claims use since May 15, 1926.

OCTOBER 25, 1927

U. S. PATENT OFFICE.

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234,491. (CLASS 31. FILTERS AND REFRIGERATORS.) AUGUST A. MEYER, doing business as Universal Water Softener Co. (Not Inc.), Maywood, Ill. Filed Oct. 18, 1926. Serial No. 238,798.

STERLING WATER SOFTENER

Particular description of goods.—An Apparatus for Filtering and Softening Water.

Claims use since Sept. 1, 1926.

234,492. (CLASS 26. MEASURING AND SCIENTIFIC APPLIANCES.) MAX MAYER, doing business as The Max Mayer Company, New York, N. Y. Filed Nov. 8, 1926. Serial No. 239,816.

SUPERLYTE

Particular description of goods.—Electric Incandescent and Arc Lamps with Mountings for Photographic Exposure Work.

Claims use since Aug. 1, 1926.

234,493. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) ETIENNE BEJEAN, Paris, France. Filed Sept. 23, 1926. Serial No. 237,586.

BEJEAN

Particular description of goods.—A Preparation for the Treatment of Gout and Rheumatism.

Claims use since Aug. 7, 1926.

234,494. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) LEIGH CHEMIST, INC., New York, N. Y. Filed Aug. 27, 1926. Serial No. 236,556.

Spanish Pomade Rouge

Particular description of goods.—Rouge.

Claims use since Feb. 1, 1926.

234,495. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) THE PRINTEX COMPANY, St. Petersburg, Fla. Filed May 4, 1926. Serial No. 231,122.

PRINTEX

Particular description of goods.—Chemical Compositions Used for the Transfer of Wall Paper Designs to Textiles.

Claims use since Mar. 1, 1926.

234,496. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) COLUMBUS HANDLE & TOOL CORPORATION, Columbus, Ind. Filed Apr. 10, 1925. Serial No. 212,479.

STURDE TOOLS

Particular description of goods.—Tools for Handling and Erecting Telegraph and Telephone Poles, Linemen's and Railway Construction Tools, Bolt Hooks, Hog Hooks, Boat Poles, Barn Scrapers, Sidewalk Scrapers, Cattle Prods, Earth Tampers, Drain Cleaners.

Claims use since Jan. 1, 1923.

234,497. (CLASS 37. PAPER AND STATIONERY.) BUTLER PAPER CORPORATION, Chicago, Ill. Filed July 8, 1927. Serial No. 251,653.

CAMPANIA

Particular description of goods.—Book Paper, Cover Paper, Bristol Cardboard, Post Card, Bonds, Cover Ledgers, and Paper Intended for Making Envelopes.

Claims use since Jan. 20, 1926.

234,498. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) APOLLO FUR DYEING CO., INC., New York, N. Y. Filed Jan. 6, 1927. Serial No. 242,409.

COMET SHADE

Particular description of goods.—Dyed Fur Skins.

Claims use since Aug. 25, 1926.

234,499. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS, AND PARTS THEREOF.) GEORGE GORTON MACHINE COMPANY, Racine, Wis. Filed Aug. 31, 1927. Serial No. 254,179.

TRADE MARK GORTON RACINE, WIS., U. S. A.

Particular description of goods.—Engraving and Die-Sinking Machinery and Tools, and Accessories and Replacement Parts for the Same.

Claims use since about the first part of the year 1901 as to "Gorton," standing alone in a panel, and since about the middle of the year 1904 as to the form and matter shown by the drawings.

234,500. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) A. B. WALKER & Son, Corsicana, Tex. Filed Aug. 29, 1927. Serial No. 254,104.

YALE

Particular description of goods.—Dressed Poultry of All Kinds and Eggs.

Claims use since September, 1920.

234,501. (CLASS 1. RAW OR PARTLY-PREPARED MATERIALS.) SYLVESTER BRAND, St. Paul, Minn. Filed Aug. 26, 1927. Serial No. 253,982.

GLENWOOD

Particular description of goods.—Coal.

Claims use since Nov. 20, 1923.

234,502. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) ISAAC B. COVINGTON, Wadesboro, N. C. Filed Aug. 17, 1927. Serial No. 253,578.

WADE

Particular description of goods.—Cotton-Napped Flannel and Flannelette Piece Goods.

Claims use since Sept. 29th, 1924.

234,503. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) ISAAC BOYCE COVINGTON, Wadesboro, N. C. Filed Aug. 17, 1927. Serial No. 253,577.

ANSON

Particular description of goods.—Cotton-Napped Flannel and Flannelette in the Piece.

Claims use since Sept. 29th, 1924.

234,504. (CLASS 23. CUTLERY, MACHINERY, AND TOOLS AND PARTS THEREOF.) THE BOYE NEEDLE Co., Chicago, Ill. Filed Aug. 15, 1927. Serial No. 253,455.

"BOYE"

Particular description of goods.—Pocket Screw Drivers, Perfect Screw Drivers, Fruit-Jar Wrenches, Improved Can Opener, Shear-Scissor Can Opener, Needle Threaders, Scissors, Apple Corers, Nutmeg Graters, Sewing-Machine Needles, Bobbins, Sewing-Machine Shuttles, and Hem-stitchers.

Claims use since August, 1915, as to pocket screw drivers; February, 1906, as to sewing-machine shuttles; March, 1907, as to sewing-machine needles; October, 1907, as to needle threaders; November, 1907, as to hem-stitchers; February, 1912, as to perfect screw drivers; April, 1912, as to shear-scissor can openers; August, 1914, as to nutmeg graters; November, 1916, as to fruit-jar wrenches; January, 1917, as to apple corers; June, 1923, as to improved can openers; and September, 1926, as to scissors.

234,505. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) THE BOYE NEEDLE Co., Chicago, Ill. Filed Aug. 15, 1927. Serial No. 253,454.

"BOYE"

Particular description of goods.—Key Chains, Metal Curtain Rods, Key Hooks, and Hasps.

Claims use since April, 1912, as to curtain rods; March, 1913, as to hasps; November, 1913, as to key hooks; and February, 1923, as to key chains.

234,506. (CLASS 45. BEVERAGES, NONALCOHOLIC.) ALBERT J. WEBER, Dallas, Tex. Filed Aug. 12, 1927. Serial No. 253,400.

Weber's SUPERIOR

Particular description of goods.—Root Beer.

Claims use since July 18, 1924.

234,507. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) DR. LEON-HARDT Co., Buffalo, N. Y. Filed July 29, 1927. Serial No. 252,717.

HEM-ROID

Particular description of goods.—Remedy for the Treatment of Piles.

Claims use since Aug. 16, 1904.

234,508. (CLASS 24. LAUNDRY APPLIANCES AND MACHINES.) THE UNITED STATES HOFFMAN MACHINERY CORPORATION, New York, N. Y. Filed Apr. 9, 1927. Serial No. 247,229.

KLEAR ~ BUK

Particular description of goods.—Garment-Pressing Machines.

Claims use since Sept. 20, 1926.

234,509. (CLASS 2. RECEPTACLES.) GRAFTON H. COOK, doing business as Ultra-Nu Basket Co., Niles, Mich. Filed Feb. 28, 1927. Serial No. 244,989.

ULTRA NU

Particular description of goods.—Hampers and Baskets Made of Woven Flexible Wood Splints and Other Suitable Material.

Claims use since about Dec. 1, 1925.

234,510. (CLASS 13. HARDWARE AND PLUMBING AND STEAM-FITTING SUPPLIES.) CHARLES LEHMAN, Greensburg, Pa. Filed Feb. 3, 1927. Serial No. 243,765.

STABOLT

Particular description of goods.—A Bolt Provided with Means for Locking a Nut Thereon.

Claims use since July 30, 1926.

234,511. (CLASS 42. KNITTED, NETTED, AND TEXTILE FABRICS.) ROBERT G. SEELHOFF, doing business as Robert G. Seelhoff and Company, Chicago, Ill. Filed Nov. 30, 1926. Serial No. 240,792.



Particular description of goods.—Cotton and Silk and Artificial Silk Draperies.

Claims use since Sept. 20, 1926.

234,512. (CLASS 14. METALS AND METAL CASTINGS AND FORGINGS.) THE SUPERIOR SHEET STEEL COMPANY, Canton, Ohio. Filed Sept. 29, 1926. Serial No. 237,928.



Particular description of goods.—Lead Covered or Coated Steel or Iron Sheets.

Claims use since July 29, 1926.

234,513. (CLASS 6. CHEMICALS, MEDICINES, AND PHARMACEUTICAL PREPARATIONS.) MICHAEL BONO, Bronx, N. Y. Filed Aug. 30, 1926. Serial No. 238,632.

Bono

Particular description of goods.—Medicine for the Treatment of Rheumatism, Sciatica, and Gout.

Claims use since June 19, 1926.

234,514. (CLASS 46. FOODS AND INGREDIENTS OF FOODS.) GEORGE A. CRESSEY, Modesto, Calif. Filed Aug. 26, 1926. Serial No. 236,467.

CRESSEY

Particular description of goods.—Fresh Grapes.

Claims use since Aug. 2, 1926.

234,515. (CLASS 39. CLOTHING.) THE DR. A. REED SHOE Co. INC., Los Angeles, Calif. Filed Aug. 14, 1926. Serial No. 235,977.



Particular description of goods.—Arch-Support Shoes Constructed of Leather, Rubber, or Fabric, or of Combinations of These Materials.

Claims use since July 3, 1926.

234,516. (CLASS 16. PAINTS AND PAINTERS' MATERIALS.) PETER BRANDT, New York, N. Y. Filed Feb. 18, 1926. Serial No. 227,438.

GRANADA

Particular description of goods.—Varnishes.

Claims use since Mar. 1, 1926.

TRADE-MARK REGISTRATIONS RENEWED

- 30,065. NEEDLES AND FISHHOOKS. Registered May 18, 1897. W. WOODFIELD & SONS. Renewed May 18, 1927, to William Woodfield & Sons Limited, Redditch, England, a Corporation of Great Britain, assignee.
- 31,101. CHILDREN'S, MISSES', WOMEN'S, AND MEN'S SHOES AND SLIPPERS. Registered January 4, 1898. JOHNSON & BAILLIE, Millersburg and Halifax, Pa. Renewed January 4, 1928, to Johnson-Baillie Shoe Company, Millersburg, Pa., a Corporation of Pennsylvania, successor.
- 63,332. CERTAIN PAINTERS' MATERIALS. Registered June 18, 1907. EAGLE PAINT & VARNISH COMPANY, Allegheny City, Pa. Renewed June 18, 1927, to Eagle Paint & Varnish Works, Pittsburgh, Pa., a Corporation of Pennsylvania, successor.
- 63,555. CHOCOLATE, COCOA, AND CHOCOLATE CANDIES. Registered June 25, 1907, to SUCHARD SOCIETE ANONYME, Neuchatel, Switzerland, as assignee of Russ-Suchard & Cie. Renewed June 25, 1927, to Suchard, S. A., Serrieres, Switzerland, a Corporation of Switzerland, assignee.
- 63,690. WOOLEN PIECE GOODS AND HAIRCLOTH. Registered July 2, 1907. WILLIAM HOLLINS AND COMPANY, LIMITED, Mansfield, Radford, Nottingham, Bridgeton, and London, England, and Glasgow, Scotland. Renewed July 2, 1927, to William Hollins and Company, Limited, London, England, a Corporation of Great Britain, assignee.
- 64,367. SALES BOOKS. Registered August 6, 1907. PACIFIC MANIFOLDING BOOK COMPANY, Oakland, Calif. Renewed August 6, 1927, to Pacific Manifold Book Company, Emeryville, Calif., a Corporation of Nevada.
- 64,399. SOAP. Registered August 6, 1907. FRIEDRICH ADOLPH RICHTER, Rudolstadt, Germany, and New York, N. Y. Renewed August 6, 1927, to F. Ad. Richter & Co., Brooklyn, N. Y., a Corporation of New York, assignee by mesne assignments.
- 64,657. BAKING POWDER, LYE, SODA, SALT, AND BLUING. Registered August 20, 1907. S. HAMILL COMPANY, Keokuk, Iowa, a Corporation of Iowa. Renewed August 20, 1927.
- 64,731. WATCHES AND PARTS OF WATCHES. Registered August 20, 1907. GEORGES FAVRE-JACOT & COMPANY. Renewed August 20, 1927, to Fabriques Des Montres Zenith successeur de Fabriques des Montres Zenith Georges Favre-Jacot & Cie., Le Locle, Switzerland, a Corporation of Switzerland, assignee.
- 64,757. COFFEE. Registered August 20, 1927. S. HAMILL COMPANY, Keokuk, Iowa, a Corporation of Iowa. Renewed August 20, 1927.
- 64,766. CERTAIN METALS. Registered August 20, 1907. THE WM. CRAMP & SONS SHIP & ENGINE BUILDING CO. Renewed August 20, 1927, to The Cramp Brass and Iron Foundries Company, Philadelphia, Pa., a Corporation of Delaware, assignee.
- 64,966. SOAP. Registered September 3, 1907. THE M. WERK CO., Cincinnati, Ohio. Renewed September 3, 1927, to The M. Werk Company, St. Bernard, Ohio, a Corporation of Ohio.
- 65,071. WHEAT FLOUR, PANCAKE FLOUR, CAKE AND PASTRY FLOUR. Registered September 3, 1907. THE PORTLAND FLOURING MILLS CO., Portland, Oreg. Renewed September 3, 1927, to Sperry Flour Co., San Francisco, Calif., a Corporation of California, successor.
- 65,128. CANNED FISH AND SARDINES. Registered September 10, 1907. S. HAMILL COMPANY, Keokuk, Iowa, a Corporation of Iowa. Renewed September 10, 1927.
- 65,145. PANCAKE AND BUCKWHEAT FLOUR. Registered September 10, 1907. S. HAMILL COMPANY, Keokuk, Iowa, a Corporation of Iowa. Renewed September 10, 1927.
- 65,201. SOAP. Registered September 10, 1907. S. HAMILL COMPANY, Keokuk, Iowa, a Corporation of Iowa. Renewed September 10, 1927.
- 65,321. SOAP. Registered September 17, 1907. THE M. WERK CO., Cincinnati, Ohio. Renewed September 17, 1927, to The M. Werk Company, St. Bernard, Ohio, a Corporation of Ohio.
- 65,430. MIXED PAINTS AND PASTE PAINTS. Registered September 24, 1907. ATLAS PAINT MANUFACTURING CO. Renewed September 24, 1927, to The Henry Weiskopf Company, Minneapolis, Minn., a Corporation of Minnesota, successor.
- 65,535. SOAP. Registered October 8, 1907. THE M. WERK CO., Cincinnati, Ohio. Renewed October 8, 1927, to The M. Werk Company, St. Bernard, Ohio, a Corporation of Ohio.
- 65,625. A PRODUCT OF FORMALDEHYDE. Registered October 15, 1907. CHEMISCHE FABRIK AUF ACTIEN (FORM. E. SCHERING), Berlin, Germany. Renewed October 15, 1927, to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y., a Corporation of Delaware, assignee.
- 65,890. CERTAIN MILITARY EQUIPMENTS. Registered October 29, 1907. MILLS WOVEN CARTRIDGE BELT CO. Renewed October 29, 1927, to Mills Belt Company, Worcester, Mass., a Corporation of Massachusetts, assignee.
- 66,379. COATS, OVERCOATS, VESTS, AND TROUSERS. Registered December 31, 1907. L. ADLER BROS. & CO. Renewed December 31, 1927, to Levy Bros. & Adler Rochester Inc., Rochester, N. Y., a Corporation of New York, successor.
- 67,164. COFFEE WITH MILK. Registered January 21, 1908. NESTLE & ANGLO-SWISS CONDENSED MILK CO., Cham, Switzerland. Renewed January 21, 1928, to Nestle's Food Company, Inc., New York, N. Y., a Corporation of New York, assignee.
- 67,193. MUSTARD. Registered January 21, 1908. THE R. T. FRENCH COMPANY. Renewed January 21, 1928, to The R. T. French Company, Rochester, N. Y., a Corporation of Delaware, assignee by mesne assignments.
- 67,326. NATURAL MINERAL WATERS AND CARBONATED BEVERAGES. Registered January 28, 1908. BORNELLO BROS., San Rafael, Calif. Renewed January 28, 1928.
- 67,514. GLOVES, MITTENS, AND GAUNTLETS MADE OF LEATHER. Registered February 4, 1908. THE JOSEPH N. EISENDRATH COMPANY, Chicago, Ill., a Corporation of Illinois. Renewed February 4, 1928.
- 67,770. A REMEDY FOR EPILEPSY. Registered February 18, 1908. THE TUCKER PHARMACAL CO., Brooklyn, N. Y. Renewed February 18, 1928, to Tucker Pharmacal Company, New York, N. Y., a Corporation of New York, assignee.
- 67,780. HAIRBRUSHES AND NAIL AND TOOTH-BRUSHES. Registered February 18, 1908. J. C. DOWD & CO. Renewed February 18, 1928, to J. C. Dowd & Co., New York, N. Y., a Corporation of New York, successor.

LABELS

REGISTERED OCTOBER 25, 1927.

- 32,891.—Title: ADAMS ROACH AND WATER BUG KILLER. For Insecticide. WILLIAM C. ADAMS, doing business as Adams Mfg. Co., Panama City, Fla. Published July 1, 1927.
- 32,892.—Title: PATCHES. For Candy. FRED W. AMEND CO., Chicago, Ill. Published September 9, 1927.
- 32,893.—Title: ARISTA QUALITY CRAVAT. For Four-in-Hand Ties. ARISTA NECKWEAR CO., New York, N. Y. Published April 25, 1927.
- 32,894.—Title: CLIMAX-SUM BATH. For Bathing Suits. CLIMAX BATHING SUIT COMPANY, Philadelphia, Pa. Published August 1, 1927.
- 32,895.—Title: DORADO CLUB PALE DRY GINGER ALE. For Ginger Ale. DORADO CLUB BEVERAGE CO., Los Angeles, Calif. Published May 23, 1927.
- 32,896.—Title: FEDERAL TRAP SHELLS. For Loaded Shotgun Shells. FEDERAL CARTRIDGE CORPORATION, Minneapolis, Minn. Published August 5, 1927.
- 32,897.—Title: BLUE BANNER. For Canned Fish. FRENCH SARDINE COMPANY OF CALIFORNIA, doing business as French Sardine Company, Terminal Island, Calif. Published August 15, 1927.
- 32,898.—Title: PALE COFFEE. For a Health Beverage. FRED B. HAWLEY, doing business as Hawley's Grist-Mill, Long Beach, Calif. Published August 3, 1927.
- 32,899.—Title: LYDIA O. HAY'S HERB COMPOUND. For Herb Compound. LYDIA OSMOND HAY, doing business as Lydia O. Hay Medicine Co., Lynn, Mass. Published July 9, 1927.
- 32,900.—Title: FRANK WERNER CO. For Footwear. HOAGUE-SPRAGUE CORPORATION, Lynn, Mass. Published July 22, 1927.
- 32,901.—Title: THE JOHN IRVING SHOE. For Footwear. HOAGUE-SPRAGUE CORPORATION, Lynn, Mass. Published July 15, 1927.
- 32,902.—Title: ASTI COLONY. For Grape Juice. ITALIAN-SWISS COLONY, San Francisco, Calif. Published November 19, 1924.
- 32,903.—Title: BETTER BRED CREME DE MALT. For Malt Extract. STEPHEN A. KIRCHER, doing business as Better Products Co., Chicago, Ill. Published August 17, 1927.
- 32,904.—Title: SUR GRO. For Hair Tonic. NAT LIPSON, Brooklyn, N. Y. Published August 30, 1927.
- 32,905.—Title: C. B. L. For Butter. MENASHA PRINTING AND CARTON COMPANY, Menasha, Wis., assignor to F. F. Lowenfels & Son, New York, N. Y. Published August 29, 1927.
- 32,906.—Title: SALT FISH PRETZELS. For Pretzels. NATIONAL BISCUIT COMPANY, New York, N. Y. Published June 28, 1927.
- 32,907.—Title: RENZ'S TWIN BREAD. For Bread. THE OHIO WAX PAPER COMPANY, Columbus, Ohio. Published July 1, 1927.
- 32,908.—Title: EUGENIA'S REAL WHOLE WHEAT GENUINE GRAHAM FLOUR. For Wheat Flour. ANNA E. E. SCHNEIDER, Baltimore, Md. Published August 24, 1927.
- 32,909.—Title: KENILWORTH. For Oranges. SIERRA VISTA PACKING ASSOCIATION, Riverside, Calif. Published April 15, 1927.
- 32,910.—Title: PRAIRIE BELLE. For Oranges. SIERRA VISTA PACKING ASSOCIATION, doing business as Sierra Vista Packing Co., Riverside, Calif. Published April 15, 1927.
- 32,911.—Title: TIN-APA. For Canned Sardines (Smoked). VAN CAMP SEA FOOD COMPANY, INC., Terminal Island, Calif. Published July 1, 1927.
- 32,912.—Title: WOODBRIDGE. For Fresh Grapes. WOODBRIDGE FRUIT GROWERS ASSOCIATION, Woodbridge, Calif. Published May 11, 1927.
- 32,913.—Title: OLD RUM. For Tobacco. A. G. YOUNG, doing business as Raleigh Tobacco Company, New York, N. Y. Published May 2, 1927.

PRINTS

REGISTERED OCTOBER 25, 1927.

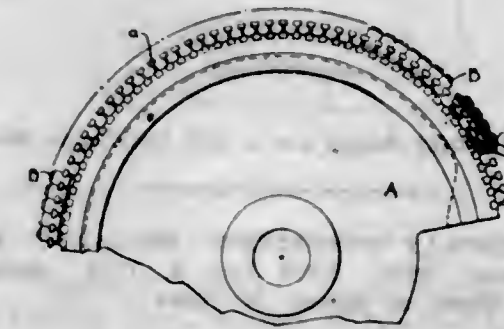
- 10,312.—*Title:* THE HARDEST CROP TO RAISE—BABIES. For Wheat Breakfast Food. CREAM OF WHEAT Co., Minneapolis, Minn. Published August 2, 1927.
- 10,313.—*Title:* WORKING WONDERS FOR TEACHERS IN 60,000 SCHOOLS. For Wheat Breakfast Food. CREAM OF WHEAT Co., Minneapolis, Minn. Published September 1, 1927.
- 10,314.—*Title:* THE USE OF CARBOHYDRATES IN INFANT FEEDING. For Wheat Breakfast Food. CREAM OF WHEAT Co., Minneapolis, Minn. Published September 1, 1927.
- 10,315.—*Title:* FOR DESSERT MY-T-FINE. For Dessert Preparations. THE D & C Co. INC., Wilmington, Del., and Brooklyn, N. Y. Published September 2, 1927.
- 10,316.—*Title:* MANTLE NATIONAL. For Stoves. EXCELSIOR STOVE & MANUFACTURING COMPANY, Quincy, Ill. Published July 1, 1927.
- 10,317.—*Title:* ITALIAN SWISS COLONY. For Grapes and Grape Products. ITALIAN SWISS COLONY, San Francisco, Calif. Published August 18, 1927.
- 10,318.—*Title:* INDEPENDENCE HALL. For Printing Inks. CHARLES ENEU JOHNSON AND COMPANY, Philadelphia, Pa. Published July 1, 1927.
- 10,319.—*Title:* CROW INN. For Printing Inks. CHARLES ENEU JOHNSON AND COMPANY, Philadelphia, Pa. Published August 1, 1927.
- 10,320.—*Title:* PRINTING PRESS. For Printing Inks. CHARLES ENEU JOHNSON AND COMPANY, Philadelphia, Pa. Published September 1, 1927.
- 10,321.—*Title:* SINGER FIVE DRAWER CABINET TABLE. For Sewing Machines. THE SINGER MANUFACTURING COMPANY, Elizabeth, N. J. Published July 30, 1927.
- 10,322.—*Title:* DENTISTS SAY THIS TO BEAUTIFUL WOMEN. For Dental Cream. E. R. SQUIBB & SONS, New York, N. Y. Published May 1, 1927.
- 10,323.—*Title:* HERE, IN SIMPLE TERMS, ARE THE FACTS ABOUT PROPER MOUTH HYGIENE. For Dental Cream. E. R. SQUIBB & SONS, doing business as Squibb's, New York, N. Y. Published May 9, 1927.
- 10,324.—*Title:* GUARD YOUR CHILDREN'S TEETH AND GUMS—THIS STATEMENT BY THE DENTAL PROFESSION TELLS YOU HOW. For Dental Cream. E. R. SQUIBB & SONS, doing business as Squibb's, New York, N. Y. Published March 28, 1927.
- 10,325.—*Title:* DENTISTS OVERWHELMINGLY SUPPORT US IN OUR WARNING TO GUARD THE DANGER LINE. For Dental Cream. E. R. SQUIBB & SONS, doing business as Squibb's, New York, N. Y. Published March 21, 1927.
- 10,326.—*Title:* THE DENTAL PROFESSION OF AMERICA RENDERS AN OPINION. For Dental Cream. E. R. SQUIBB & SONS, doing business as Squibb's, New York, N. Y. Published April 4, 1927.
- 10,327.—*Title:* THEY HAVE REACHED A VERDICT. For Dental Cream. E. R. SQUIBB & SONS, doing business as Squibb's, New York, N. Y. Published April 1, 1927.
- 10,328.—*Title:* WHAT IS THE DANGER? WHERE DOES IT THREATEN? HOW CAN YOU WARD IT OFF? For Dental Cream. E. R. SQUIBB & SONS, doing business as Squibb's, New York, N. Y. Published May 16, 1927.
- 10,329.—*Title:* 50,000 QUESTIONS—AND ONE ANSWER. For Dental Cream. E. R. SQUIBB & SONS, doing business as Squibb's, New York, N. Y. Published May 2, 1927.
- 10,330.—*Title:* YOU CAN TRUST THE NAME "SQUIBB" AS YOU TRUST YOUR PHYSICIAN. For Milk of Magnesia. E. R. SQUIBB & SONS, New York, N. Y. Published May 7, 1927.
- 10,331.—*Title:* THE ONLY EXISTING AUTHORITY TELLS YOU HOW TO PROTECT YOUR TEETH AND GUMS. For Dental Cream. E. R. SQUIBB & SONS, doing business as Squibb's, New York, N. Y. Published April 11, 1927.

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REISSUES

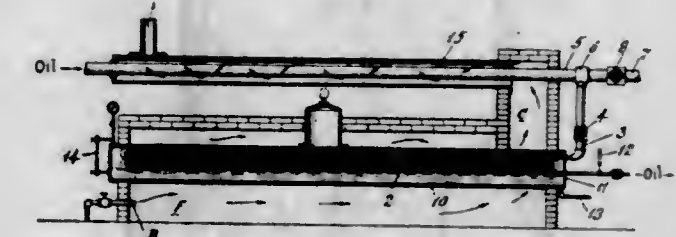
OCTOBER 25, 1927.

- 16,777. CHANGEABLE PRINTING FORM. CLIFTON CHISHOLM, Cleveland, Ohio, assignor to The American Multigraph Company, Cleveland, Ohio, a Corporation of Ohio. Filed May 5, 1927. Serial No. 189,152. Original No. 1,560,211, dated Nov. 3, 1925. Serial No. 725,369, filed July 11, 1924. 23 Claims. (Cl. 101-377.)



1. The combination with a railed member, grooved type mounted in rows thereon, a holder mounted on same member, a plate slidably mounted on the holder and embossed printing strips mounted on the plate, said type and printing strips having their faces the same printing height.

- 16,778. APPARATUS FOR TREATING OIL. GEORGE C. KELLEY, Taft, Calif. Filed May 5, 1925. Serial No. 28,252. Original No. 1,465,398, dated Aug. 21, 1923. Serial No. 402,467, filed Aug. 9, 1920. 7 Claims. (Cl. 196-5.)



1. An apparatus for treating oil to facilitate the separation of undesirable concomitants, comprising, a hot water drum, a horizontally arranged passage for the oil in the drum, said passage being of continuously restricted cross-sectional area so as to avoid free spaces and a consequent turbulent condition in the oil, means for heating the oil as it flows through said passage in an uninterrupted confined column, so as to impart thereto the maximum heat treatment for the desired condition of the oil and a flue for the combustion gases from said heating means having an oil conduit therein arranged as a preheater for gradually heating the oil before it enters into the said passage.

DESIGNS

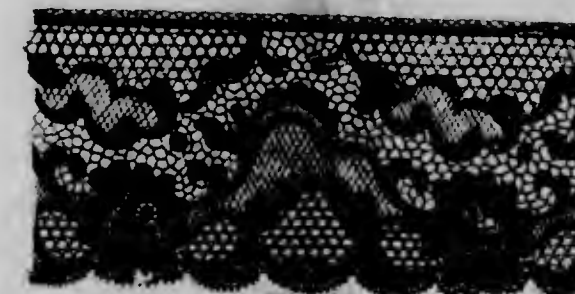
OCTOBER 25, 1927.

- 73,681. LACE. BEN ALFRED BALL, Pawtucket, R. I., assignor to American Textile Co., Inc., Pawtucket, R. I., a Corporation of Rhode Island. Filed July 1, 1927. Serial No. 22,641. Term of patent 3 1/2 years.



The ornamental design for lace, as shown.

- 73,682. LACE. BEN ALFRED BALL, Pawtucket, R. I., assignor to American Textile Co., Inc., Pawtucket, R. I., a Corporation of Rhode Island. Filed July 1, 1927. Serial No. 22,642. Term of patent 3 1/2 years.



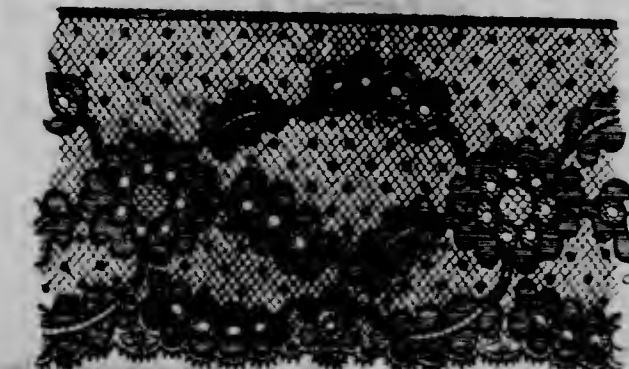
The ornamental design for lace, as shown.

- 73,683. LACE. BEN ALFRED BALL, Pawtucket, R. I., assignor to American Textile Co., Inc., Pawtucket, R. I., a Corporation of Rhode Island. Filed July 22, 1927. Serial No. 22,849. Term of patent 3 1/2 years.



The ornamental design for lace, as shown.

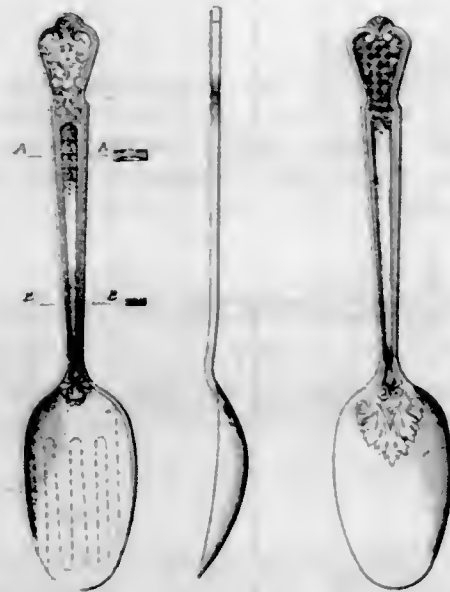
- 73,684. LACE. BEN ALFRED BALL, Pawtucket, R. I., assignor to American Textile Co., Inc., Pawtucket, R. I., a Corporation of Rhode Island. Filed July 22, 1927. Serial No. 22,850. Term of patent 3 1/2 years.



The ornamental design for lace, as shown.

747

73,685. SPOON OR ANALOGOUS ARTICLE. ARTHUR LE ROY BARNEY, New York, N. Y., assignor to Tiffany & Company, New York, N. Y., a Corporation of New York. Filed Apr. 20, 1927. Serial No. 21,645. Term of patent 14 years.



The ornamental design for a spoon or analogous article substantially as shown and described.

73,686. POWDER BOX OR SIMILAR ARTICLE. PHILIP L. BLAZER, Chicago, Ill. Filed Aug. 15, 1927. Serial No. 23,089. Term of patent 14 years.



The ornamental design for a powder box or similar article, as shown.

73,687. BADGE. JOSEPH BLOOM, Los Angeles, Calif. Filed May 31, 1927. Serial No. 22,227. Term of patent 14 years.



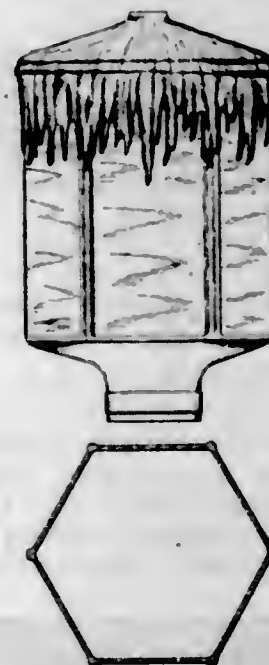
The ornamental design for a badge substantially as shown.

73,688. BELT BUCKLE. WILLIAM DIETRICH, Rochester, N. Y., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y., a Corporation of New York. Filed July 6, 1927. Serial No. 22,673. Term of patent 3 1/4 years.



The ornamental design for a belt buckle, as shown.

73,689. DISPLAY CONTAINER. WILLIAM E. DOUGHTY, Detroit, Mich. Filed July 5, 1927. Serial No. 22,667. Term of patent 14 years.



The ornamental design for a display container as shown.

73,690. BELT BUCKLE. ROBERT FRIEDRICH EICHNER, Rochester, N. Y., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y., a Corporation of New York. Filed July 6, 1927. Serial No. 22,677. Term of patent 3 1/4 years.



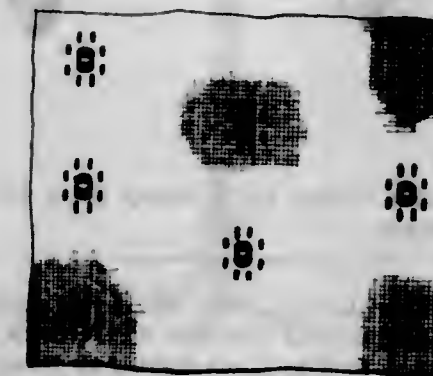
The ornamental design for a belt buckle, as shown.

73,691. TEXTILE FABRIC. JOHN ARTHUR FEATHER, New Bedford, Mass., assignor to Powdrell & Alexander, Inc., Boston, Mass., a Corporation of Massachusetts. Filed Aug. 21, 1926. Serial No. 18,797. Term of patent 7 years.



The ornamental design for a textile fabric as shown.

73,692. TEXTILE FABRIC. JOHN ARTHUR FEATHER, New Bedford, Mass., assignor to Powdrell & Alexander, Inc., Boston, Mass., a Corporation of Massachusetts. Filed Aug. 21, 1926. Serial No. 18,799. Term of patent 7 years.



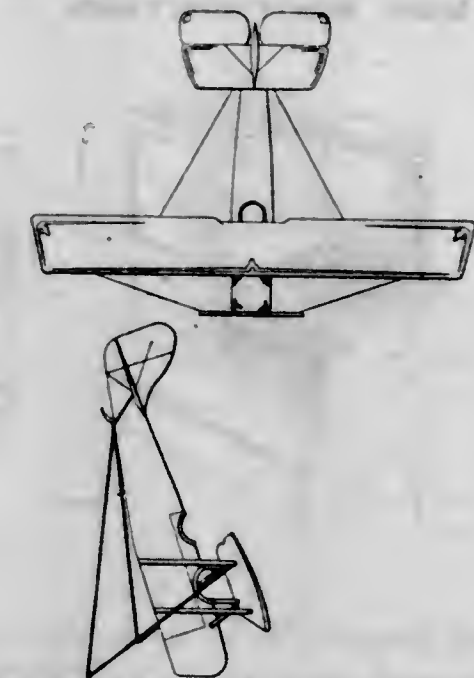
The ornamental design for a textile fabric as shown.

73,693. DISPLAY STAND. JACOB E. FRIEDMAN, New York, N. Y. Filed Nov. 16, 1926. Serial No. 19,742. Term of patent 7 years.



The ornamental design for a display stand, as shown.

73,694. ROAD SIGN. JOHN P. GOMMELS, Monmouth, Ill. Filed April 30, 1926. Serial No. 17,521. Term of patent 14 years.



The ornamental design for a road sign as shown.

73,695. STATUETTE. EMMA S. K. GOO, Honolulu, Territory of Hawaii. Filed Aug. 14, 1926. Serial No. 18,744. Term of patent 7 years.



The ornamental design for a statuette, as shown.

73,696. CAP FOR BOTTLES OR SIMILAR ARTICLES. MICHAEL A. GREEN, Wheeling, W. Va., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va., a Corporation of West Virginia. Filed June 3, 1927. Serial No. 22,309. Term of patent 7 years.



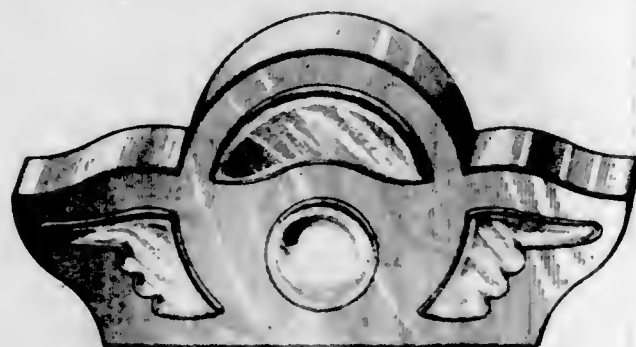
The ornamental design for a cap for bottles or similar articles, as shown.

73,697. GAS RANGE. JOHN HANSEN, Greenwich, Conn., assignor to Abendroth Brothers, Port Chester, N. Y., a Corporation of New York. Filed June 15, 1927. Serial No. 22,438. Term of patent 7 years.



The ornamental design for a gas range, substantially as shown and described.

73,698. CASING FOR AUTOMOBILE SIGNAL. ABE HARTMAN, Brooklyn, N. Y. Filed July 15, 1926. Serial No. 18,367. Term of patent 14 years.



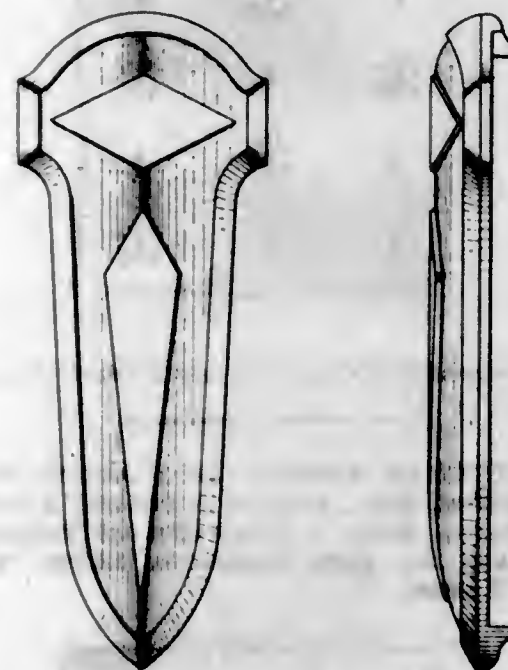
The ornamental design for a casing for automobile signal as shown.

73,699. POT OR SIMILAR ARTICLE. WILLIAM A. HASTINGS, La Grange, Ill., assignor to Aluminum Products Company, La Grange, Ill., a Corporation of Illinois. Filed May 21, 1926. Serial No. 17,802. Term of patent 14 years.



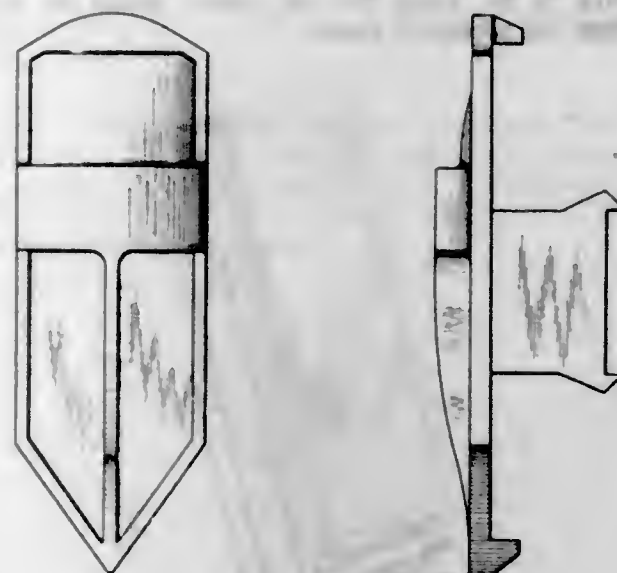
The ornamental design for a pot or similar article, as shown.

73,700. CLAMP PLATE FOR VEHICLE BUMPERS. HERBERT S. JANDUS and EVERETT RUSH KEELOR, Detroit, Mich., assignor to The C. G. Spring & Bumper Company, Detroit, Mich., a Corporation of Delaware. Filed June 17, 1927. Serial No. 22,476. Term of patent 14 years.



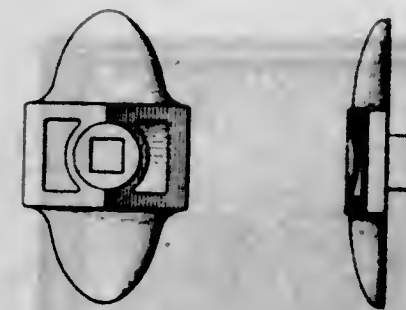
The ornamental design for a clamp plate for vehicle bumpers, as shown.

73,701. CLAMP PLATE FOR VEHICLE BUMPERS. HERBERT S. JANDUS and NORMAN VAN HUSEN, Detroit, Mich., assignors to The C. G. Spring & Bumper Company, Detroit, Mich., a Corporation of Delaware. Filed June 17, 1927. Serial No. 22,477. Term of patent 14 years.



The ornamental design for a clamp plate for vehicle bumpers, as shown.

73,702. CLAMP PLATE FOR VEHICLE BUMPERS. HERBERT S. JANDUS and NORMAN VAN HUSEN, Detroit, Mich., assignors to The C. G. Spring & Bumper Company, Detroit, Mich., a Corporation of Delaware. Filed June 17, 1927. Serial No. 22,478. Term of patent 14 years.



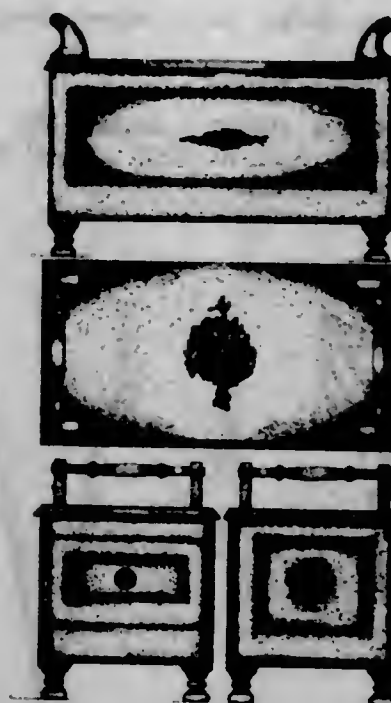
The ornamental design for a clamp plate for vehicle bumpers, as shown.

73,703. FLOWER STAND. AARON S. KATZ, New York, N. Y. Filed June 25, 1927. Serial No. 22,563. Term of patent 3 1/2 years.



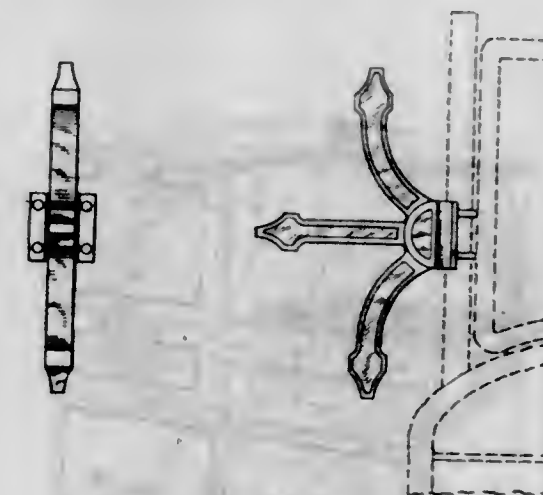
The new and ornamental design for a flower stand, as shown.

73,704. COMBINATION BENCH AND WARDROBE. WILLIAM B. KING, Leaksville, N. C. Filed July 12, 1927. Serial No. 22,737. Term of patent 7 years.



The ornamental design for a combination bench and wardrobe, as shown.

73,705. AUTOMOBILE SIGNAL. JOHN N. KORVALLIS, Los Angeles, Calif. Filed May 3, 1927. Serial No. 21,846. Term of patent 7 years.



The ornamental design for an automobile signal substantially as shown.

73,706. ELECTRIC-LIGHT FIXTURE. GEORGE LIP-SCHUTZ, Philadelphia, Pa. Filed Aug. 24, 1927. Serial No. 23,193. Term of patent 3 1/2 years.



The ornamental design for an electric light fixture as shown.

73,707. SALT AND PEPPER SHAKER. WILL CAMERON MCCARTNEY, Cambridge, Ohio. Filed Apr. 2, 1926. Serial No. 17,170. Term of patent 7 years.



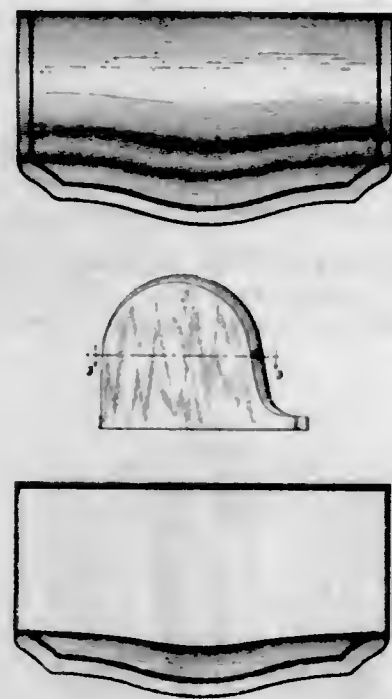
The ornamental design for a salt and pepper shaker, as shown and described.

73,708. GAS RANGE. EUGENE R. METHUDY, St. Louis, Mo. Filed June 11, 1927. Serial No. 22,407. Term of patent 14 years.



The ornamental design for a gas range, substantially as shown.

73,709. LAMP SHADE. HAROLD C. NOE, East Orange, N. J., assignor to Wm. R. Noe & Sons, New York, N. Y., a Copartnership consisting of William R. Noe, Charles E. Noe, Harold C. Noe, and Fannie Noe. Filed Sept. 1, 1927. Serial No. 23,263. Term of patent 14 years.



The ornamental design for a lamp shade substantially as shown and described.

73,710. RADIOCABINET. EDWARD F. POOLNY, Philadelphia, Pa., assignor to The Pooley Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Mar. 26, 1927. Serial No. 21,351. Term of patent 7 years.



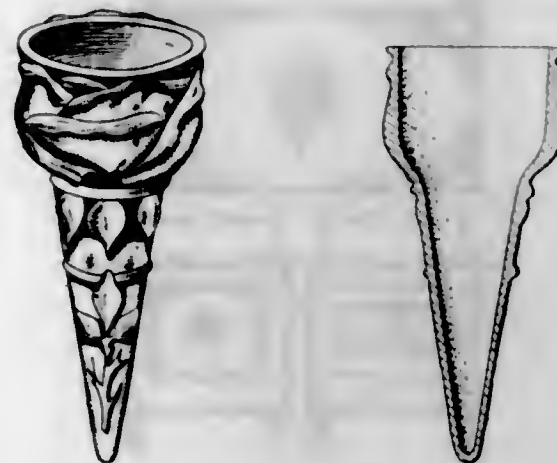
The ornamental design for a radiocabinet as shown.

73,711. SPINET-DESK BODY. FRIDOLIN SCHIMMEL, Faribault, Minn. Filed Mar. 31, 1927. Serial No. 21,417. Term of patent 3½ years.



The ornamental design for a spinet desk body, as shown.

73,712. ICE-CREAM CONE. JOSEPH W. SHERIDAN, Quincy, Ill. Filed Jan. 10, 1927. Serial No. 20,326. Term of patent 14 years.



The ornamental design for an ice cream cone, as shown.

73,713. DISPLAY CARD. MARJORIE SIGNER, Bronxville, and ESTHER M. DUCKWALL, New York, N. Y. Filed Mar. 24, 1926. Serial No. 17,044. Term of patent 3½ years.



The ornamental design for a display card, as shown.

73,714. STOCKING OR SIMILAR ARTICLE. SAUL SILVERMAN, New York, N. Y. Substitute for design application Serial No. D 20,620, filed Feb. 4, 1927. This application filed July 8, 1927. Serial No. 22,697. Term of patent 14 years.



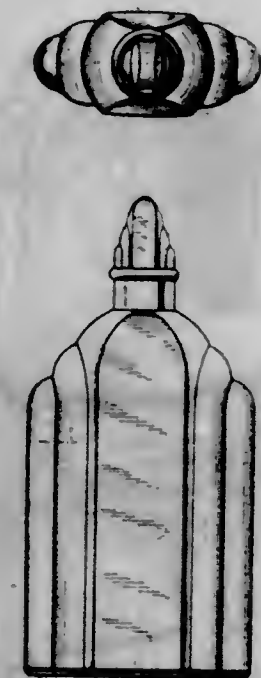
The ornamental design for a stocking or similar article as shown.

73,715. LOUD SPEAKER. LOUIS STEINBERGER, Brooklyn, N. Y. Filed Nov. 26, 1924. Serial No. 11,498. Term of patent 3½ years.



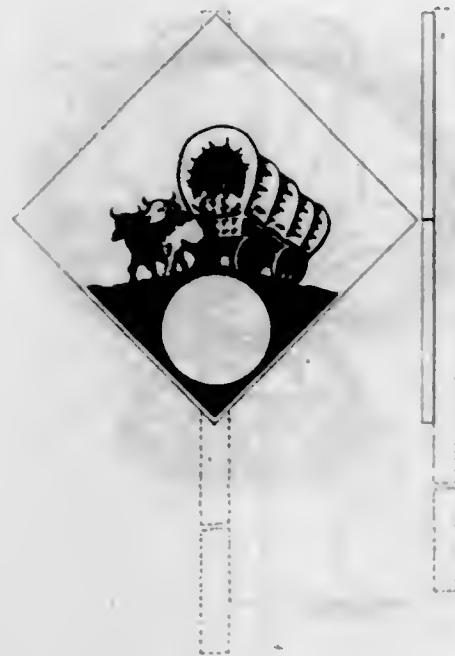
The ornamental design for a loud speaker, as shown.

73,716. BOTTLE OR SIMILAR CONTAINER. WILLIAM E. SWINDELL, East Orange, N. J. Filed Sept. 3, 1927. Serial No. 23,284. Term of patent 3½ years.



The ornamental design for a bottle or similar container, as shown.

73,717. ROAD MARKER. MATTHEW THIMMAN, Murdock, Nebr. Filed May 11, 1926. Serial No. 17,658. Term of patent 7 years.



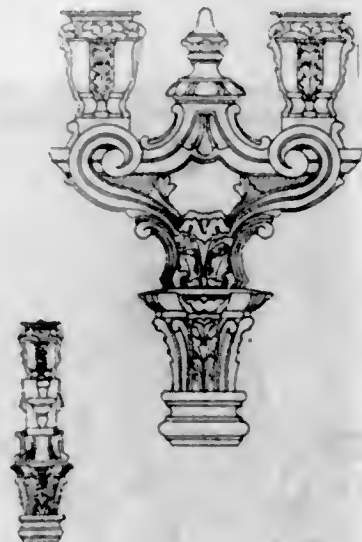
The ornamental design for a road marker, as shown.

73,718. TELEPHONE CABINET. EARL M. TRAMMELL, El Paso, Tex., assignor to El Paso Sash & Door Company, El Paso, Tex. Filed June 27, 1927. Serial No. 22,584. Term of patent 14 years.



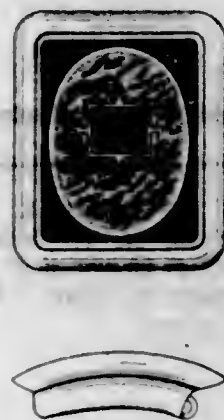
The ornamental design for a telephone cabinet as shown.

73,719. CAPITAL FOR LIGHTING POSTS. WESTERN UNDERWOOD, Los Angeles, Calif. Filed May 31, 1927. Serial No. 22,248. Term of patent 14 years.



The ornamental design for a capital for lighting posts, as shown.

73,720. BELT BUCKLE. HAROLD C. VAISEY, Rochester, N. Y., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y., a Corporation of New York. Filed July 6, 1927. Serial No. 22,074. Term of patent 3½ years.



The ornamental design for a belt buckle, as shown.

73,721. BELT BUCKLE. HAROLD C. VAISEY, Rochester, N. Y., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y., a Corporation of New York. Filed July 6, 1927. Serial No. 22,675. Term of patent 3½ years.



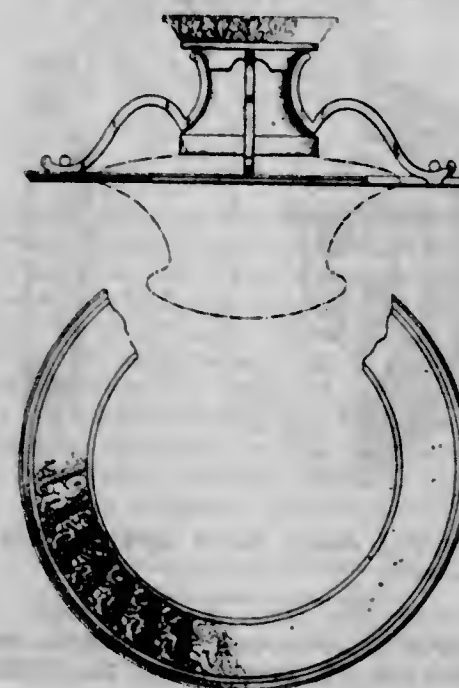
The ornamental design for a belt buckle, as shown.

73,722. BELT BUCKLE. HAROLD C. VAISEY, Rochester, N. Y., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y., a Corporation of New York. Filed July 6, 1927. Serial No. 22,076. Term of patent 3½ years.



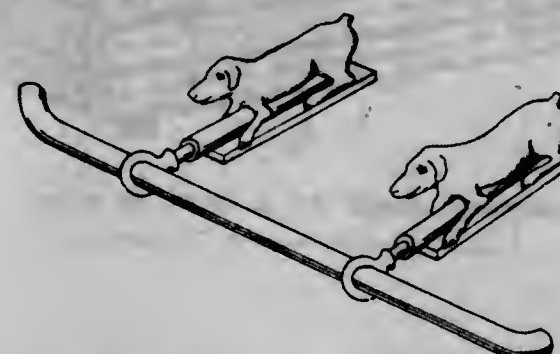
The ornamental design for a belt buckle, as shown.

73,723. LIGHTING FIXTURE OR ARTICLE OF SIMILAR NATURE. GUSTAVE E. VILLARET, Leonia, N. J. Filed Aug. 17, 1927. Serial No. 23,111. Term of patent 7 years.



The ornamental design for a lighting fixture, or article of similar nature, as shown.

73,724. AUTOMOBILE BUMPER. THOMAS S. VOSSIKIAN and PETER S. VOSSIKIAN, Philadelphia, Pa. Filed May 31, 1927. Serial No. 22,259. Term of patent 7 years.



The ornamental design for an automobile bumper substantially as shown.

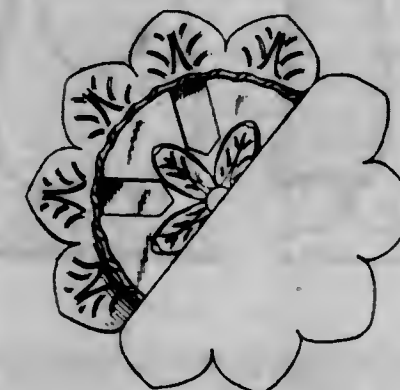
363 O. G.—49

73,725. LANTERN. ALFRED WEBER, New York, N. Y. Filed May 12, 1927. Serial No. 21,946. Term of patent 3½ years.



The ornamental design for a lantern, as shown.

73,726. PLATE FOR LIGHTING FIXTURES. LESTER R. WELLMAN, Chicago, Ill., assignor to Stembridge & Brandt, Chicago, Ill., a Copartnership. Filed Jan. 31, 1927. Serial No. 20,548. Term of patent 3½ years.



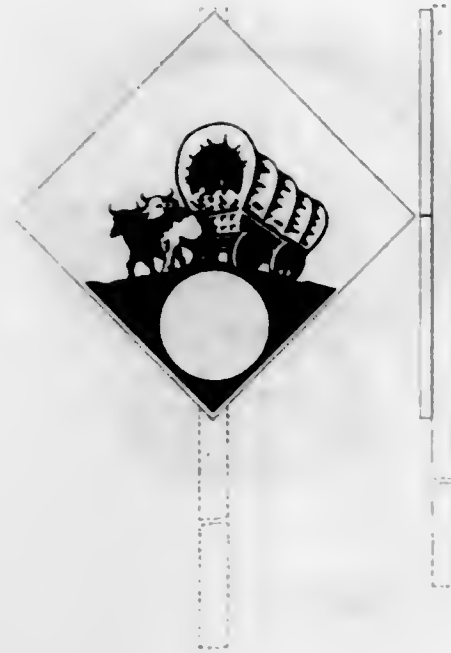
The ornamental design for a plate for lighting fixtures, as shown.

73,727. CURTAIN ROD OR SIMILAR ARTICLE. FREDERIC JOHN WHINCAP, Sturgis, Mich. Filed Mar. 22, 1926. Serial No. 17,010. Term of patent 7 years.



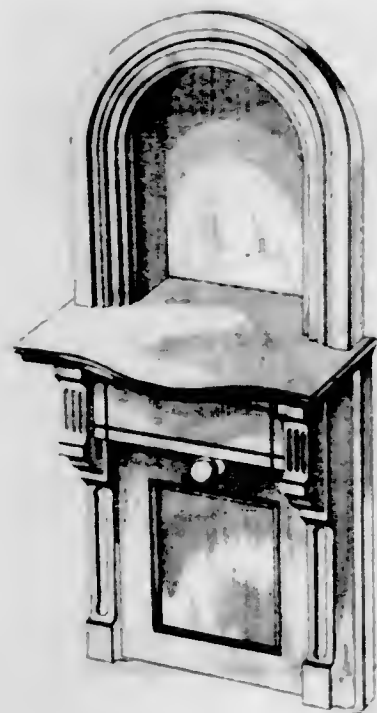
The ornamental design for a curtain rod or similar article as shown.

73,717. ROAD MARKER. MATTHEW THIMGAN, Muddock, Nebr. Filed May 11, 1926. Serial No. 17,656. Term of patent 7 years.



The ornamental design for a road marker, as shown.

73,718. TELEPHONE CABINET. EARL M. TRAMMELL, El Paso, Tex., assignor to El Paso Sash & Door Company, El Paso, Tex. Filed June 27, 1927. Serial No. 22,584. Term of patent 14 years.



The ornamental design for a telephone cabinet as shown.

73,719. CAPITAL FOR LIGHTING POSTS. WESTERN UNDERWOOD, Los Angeles, Calif. Filed May 31, 1927. Serial No. 22,248. Term of patent 14 years.



The ornamental design for a capital for lighting posts, as shown.

73,720. BELT BUCKLE. HAROLD C. VAISEY, Rochester, N. Y., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y., a Corporation of New York. Filed July 6, 1927. Serial No. 22,674. Term of patent 3½ years.



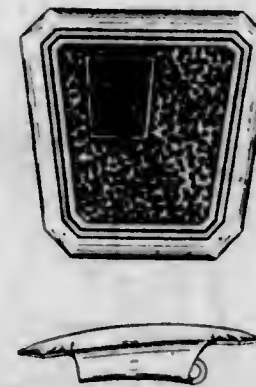
The ornamental design for a belt buckle, as shown.

73,721. BELT BUCKLE. HAROLD C. VAISEY, Rochester, N. Y., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y., a Corporation of New York. Filed July 6, 1927. Serial No. 22,675. Term of patent 3½ years.



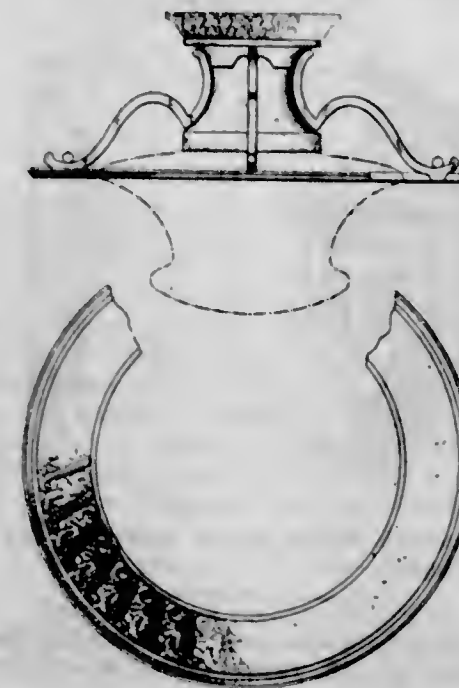
The ornamental design for a belt buckle, as shown.

73,722. BELT BUCKLE. HAROLD C. VAISEY, Rochester, N. Y., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y., a Corporation of New York. Filed July 6, 1927. Serial No. 22,676. Term of patent 3½ years.



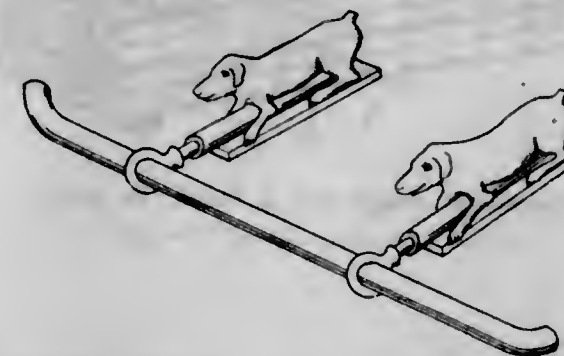
The ornamental design for a belt buckle, as shown.

73,723. LIGHTING FIXTURE OR ARTICLE OF SIMILAR NATURE. GUSTAVE E. VILLARET, Leonia, N. J. Filed Aug. 17, 1927. Serial No. 23,111. Term of patent 7 years.



The ornamental design for a lighting fixture, or article of similar nature, as shown.

73,724. AUTOMOBILE BUMPER. THOMAS S. VOSSIKIAN and PETER S. VOSSIKIAN, Philadelphia, Pa. Filed May 31, 1927. Serial No. 22,259. Term of patent 7 years.



The ornamental design for an automobile bumper substantially as shown.

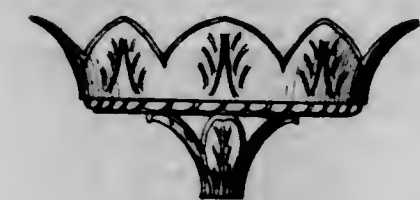
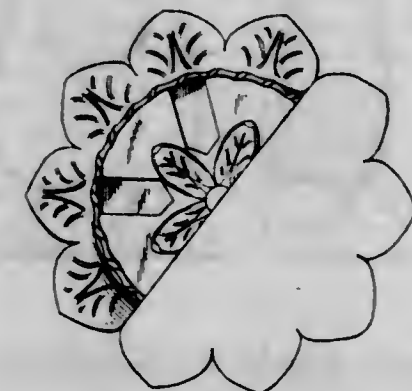
363 O. G.—49

73,725. LANTERN. ALFRED WEBER, New York, N. Y. Filed May 12, 1927. Serial No. 21,946. Term of patent 3½ years.



The ornamental design for a lantern, as shown.

73,726. PLATE FOR LIGHTING FIXTURES. LESTER R. WELLMAN, Chicago, Ill., assignor to Stembridge & Brandt, Chicago, Ill., a Copartnership. Filed Jan. 31, 1927. Serial No. 20,548. Term of patent 3½ years.



The ornamental design for a plate for lighting fixtures, as shown.

73,727. CURTAIN ROD OR SIMILAR ARTICLE. FREDERIC JOHN WHINCAP, Sturgis, Mich. Filed Mar. 22, 1926. Serial No. 17,010. Term of patent 7 years.



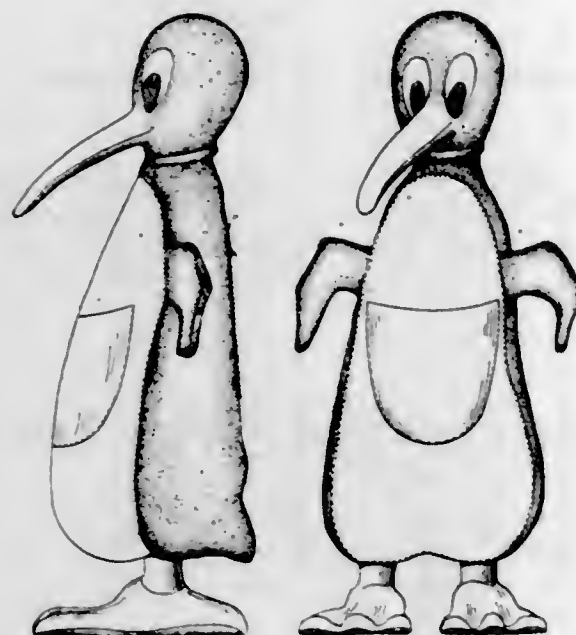
The ornamental design for a curtain rod or similar article as shown.

73,728. CURTAIN ROD OR SIMILAR ARTICLE. FREDERIC JOHN WHINCAP, Sturgis, Mich. Filed Mar. 22, 1926. Serial No. 17,012. Term of patent 7 years.



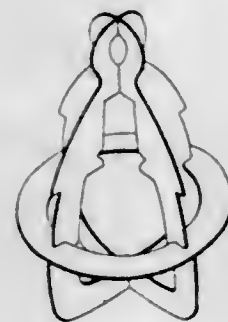
The ornamental design for a curtain rod or similar article as shown.

73,729. LADIES' HAND BAG. THEOPHILUS G. WILLIAMS, Morristown, N. J. Filed June 28, 1927. Serial No. 22,591. Term of patent 14 years.



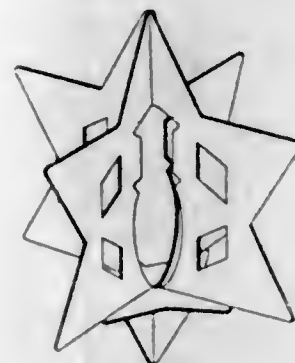
The ornamental design for a ladies' hand bag, as shown.

73,730. LANTERN. EDWIN BIRD WILSON, Forest Hills, N. Y., assignor to Design Laboratories, Incorporated, New York, N. Y., a Corporation of New York. Filed July 29, 1927. Serial No. 22,947. Term of patent 14 years.



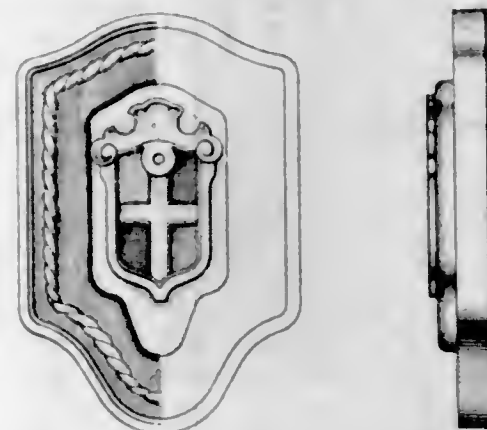
The ornamental design for a lantern as shown.

73,731. LANTERN FRAME. EDWIN BIRD WILSON, Forest Hills, N. Y., assignor to Design Laboratories, Incorporated, New York, N. Y., a Corporation of New York. Filed July 29, 1927. Serial No. 22,948. Term of patent 14 years.



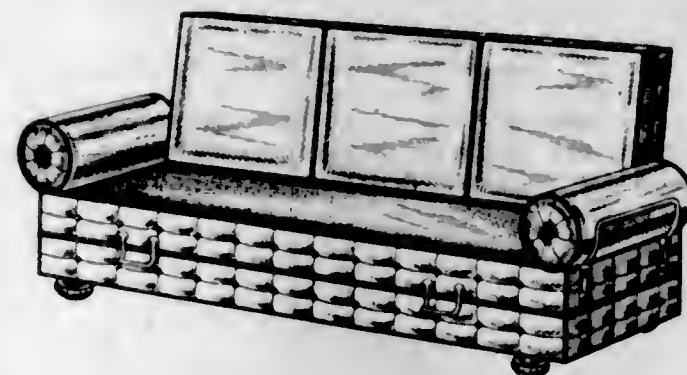
The ornamental design for a lantern frame as shown.

73,732. BACKPLATE FOR LIGHTING FIXTURES. HERMAN H. WOLTER, Meriden, Conn., assignor to The Miller Company, Meriden, Conn., a Corporation of Connecticut. Filed Aug. 11, 1926. Serial No. 18,687. Term of patent 3½ years.



The ornamental design for a backplate for lighting fixtures, as shown.

73,733. COUCH. ALEXANDER YAREMENKO, New York, N. Y. Filed Oct. 13, 1926. Serial No. 19,316. Term of patent 14 years.

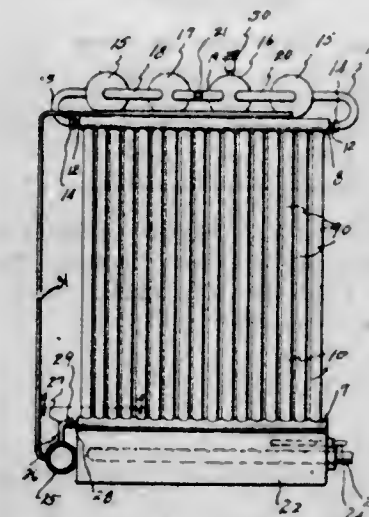


The ornamental design for a couch, as shown.

PATENTS

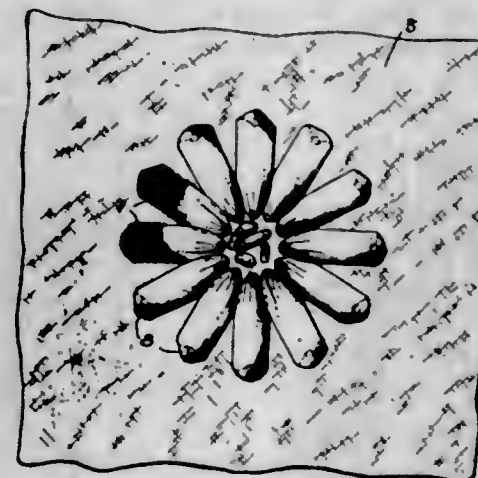
GRANTED OCTOBER 25, 1927.

1,646,382. BOILER. JOHN H. BAKER, Detroit, Mich. Filed Dec. 11, 1923. Serial No. 679,936. 4 Claims. (Cl. 122—333.)



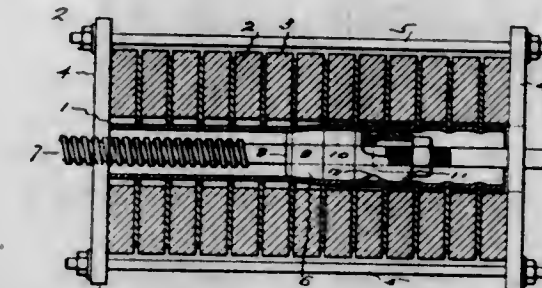
1. A sectional boiler of the class described, comprising a row of steam domes, adjacent domes being connected in communication with each other; a feed water pipe; a plurality of headers extending transversely of said domes and arranged in sets of pairs, the upper header of each pair being in close proximity to said domes, and the other being spaced therefrom; a plurality of bow-shaped pipes connecting the headers in each set; individual connection between each of the lower headers and said feed water pipe; and individual connections for each end of each of the upper headers connected to the outermost of said domes.

1,646,383. EMBROIDERY AND PROCESS. EULANEE DIX BECKER, New York, N. Y. Filed Aug. 27, 1924. Serial No. 734,417. 6 Claims. (Cl. 2—278.)



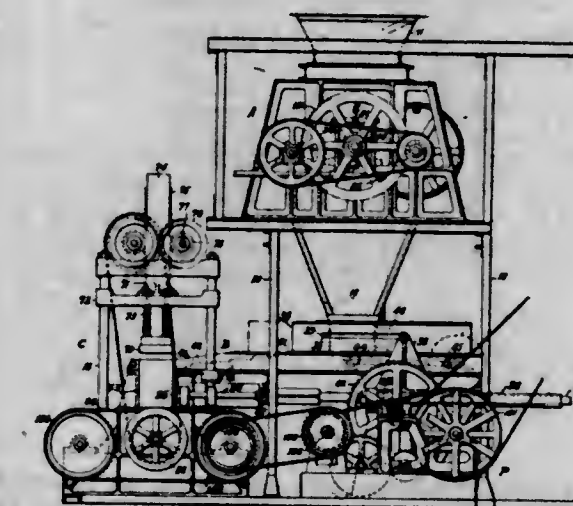
4. An artificial flower comprising a base provided with perforations, a ribbon threaded through the perforations to provide loop portions on the upper side of the base.

1,646,384. METHOD OF PRODUCING RADIATORS. YNGVE EMANUEL BERGSTRÖM, West Hartford, Conn., assignor to The Vulcan Radiator Company, Hartford, Conn., a Corporation of Connecticut. Filed Dec. 19, 1924. Serial No. 757,060. 4 Claims. (Cl. 29—157.4.)



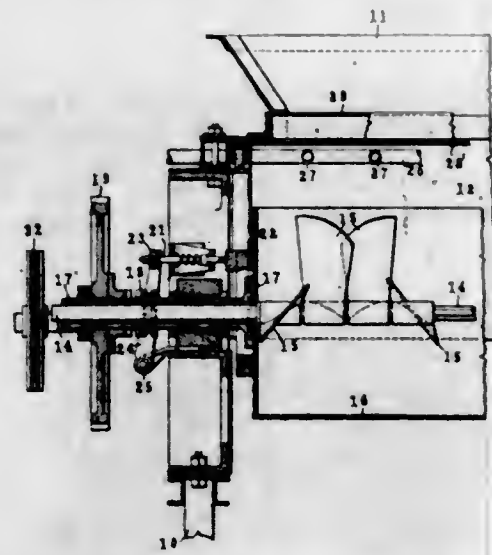
1. The method of producing a heat exchange unit which consists in clamping perforated metal radiating flanges parallel with each other and spaced apart with the perforations in line, passing a tube through the perforations of the flanges thus clamped of substantially the same diameter as the perforations in the flanges and expanding the tube by a contractible plunger, the maximum diameter of which is slightly larger than the diameter of the openings in the flanges, less the thickness of the walls of the tube, which plunger contracts in passing the flanges, whereby the tube between the flanges is expanded to a greater extent than the diameter of the openings in the flanges and the edges of the flanges thus embedded in the outer surface of the tube.

1,646,385. APPARATUS FOR FABRICATING AGGLOMERATED MASSES. RICHARD BOWEN, Columbus, Ohio, assignor to Super Coal Process Company, Augusta, Me., a Corporation of Maine. Filed Mar. 13, 1924. Serial No. 698,831. 41 Claims. (Cl. 44—1.)



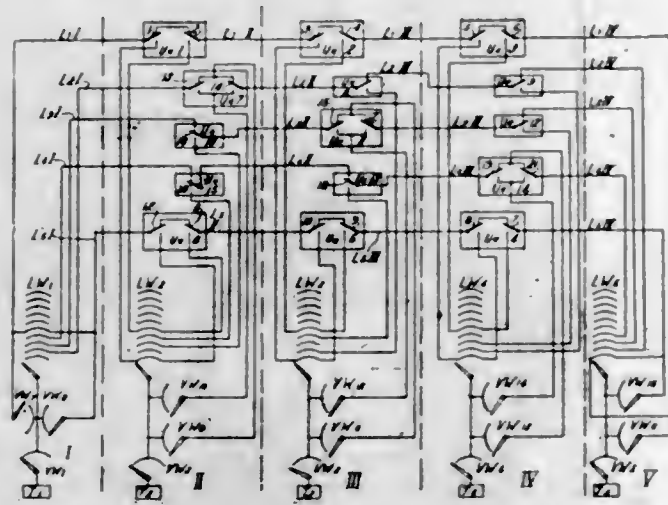
1. Apparatus adapted for the fabrication of agglomerated masses, comprising, in combination, a mixer adapted to mix together heterogeneous components, means arranged to receive the mass from the mixer and to work it progressively to a desired consistency, and means for compacting the mass by the yielding application of high frequency vibrations.

1,646,386. MIXING DEVICE. RICHARD BOWEN, Columbus, Ohio, assignor to Super Coal Process Company, Augusta, Me., a Corporation of Maine. Original application filed Mar. 13, 1924. Serial No. 698,831. Divided and this application filed Feb. 24, 1925. Serial No. 11,070. 6 Claims. (Cl. 83-73.)



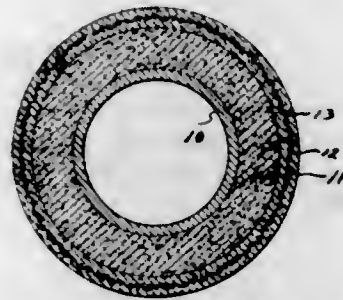
1. A mixing device adapted for continuous batch-mixing of heterogeneous components including viscous material, comprising an upper hopper, a lower hopper, a mixing chamber, each being arranged as a successive continuation of the former, the latter being provided with a bottom formed of a movable member arranged to be tiltably withdrawn so as to provide an unobstructed relatively large opening disposed centrally and adapted to discharge into the lower hopper, said hoppers each being provided with a valve controlled outlet, and revolving blades in said chamber arranged to impart both vertical and horizontal movement to the components within the chamber.

1,646,387. AUTOMATIC TELEPHONE SYSTEM. ALEXANDER BRUNO PREUSS, Berlin-Charlottenburg, Germany, assignor to Siemens & Halske Aktiengesellschaft Wernerwerk, Siemensstadt, bei Berlin, Germany. Filed Aug. 21, 1925. Serial No. 51,616, and in Germany Sept. 27, 1924. 20 Claims. (Cl. 179-18.)



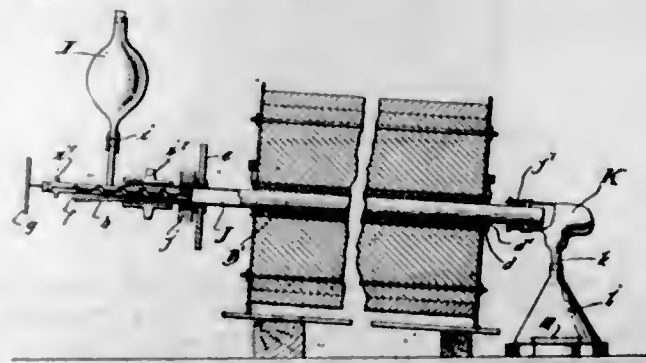
1. In a telephone system, two exchanges, an intermediate exchange, a two-way trunk line connecting the first and second exchanges via said intermediate exchange, automatic switches in the first and second exchanges for completing through connections over said trunk line in either direction, and automatic switches in said intermediate exchange cooperating with certain switches in the first or second exchange to complete connections over said trunk line from the intermediate exchange to either the first or second exchange or to both the first and second exchanges at the same time.

1,646,388. HEAT INSULATOR. MAURICE L. BULLARD, Rutherford, N. J., assignor to P. S. Thorsen & Company, Inc., Brooklyn, N. Y., a Corporation of New York. Filed Sept. 24, 1923. Serial No. 664,844. 1 Claim. (Cl. 154-44.)



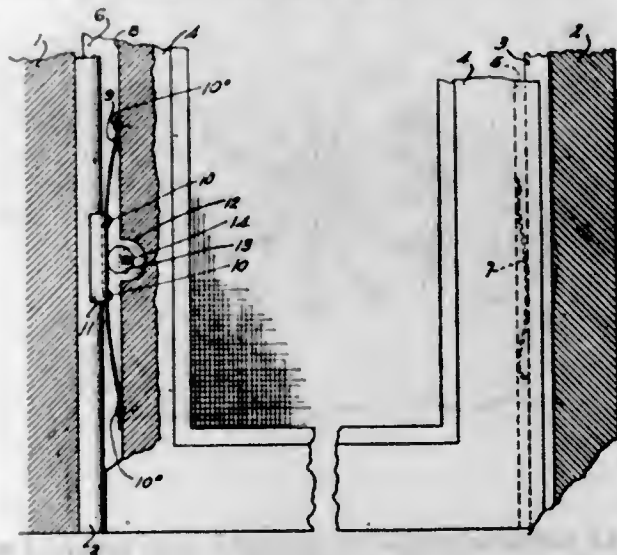
A heat insulator comprising an inner layer of fibrous insulation, an outer layer of hardened emulsified asphalt on said inner layer with the contacting surfaces of the two layers united and a metallic reinforcement in said outer layer.

1,646,389. GRANULAR CARBON AND PROCESS OF MAKING THE SAME. ELMER NEWMAN BUNTING, East Orange, N. J. Filed Apr. 29, 1925. Serial No. 26,696. 2 Claims. (Cl. 179-190.)



1. The process of making granular carbon particularly adapted for microphonic transmission which consists in heating carbonaceous material over a period of from 10 to 100 hours at a gradually and slowly increasing temperature until it reaches a temperature of not less than 500 degrees centigrade, thereafter continuing the heating at substantially said latter temperature for a 1 to 10 hour period, said latter heating operation being conducted in a substantially non-oxidizing atmosphere, and then further heating the material not exceeding 1400 degrees centigrade for a 1 to 10 hour period at a substantially higher temperature, and in the presence of a substantially non-oxidizing atmosphere.

1,646,390. SCREEN ADJUSTER. JESSE L. CARRIGAN, Birmingham, Ala. Filed Jan. 22, 1926. Serial No. 83,076. 1 Claim. (Cl. 156-14.)



In a window screen having side grooves and spring rail engaging elements mounted therein part of which carry

shoes, of an adjusting means for the spring elements carrying shoes comprising for each such spring element a polygonal cam having flat faces and set in a countersunk recess in a side groove and having its operating axis projected through the inner side of the sash frame substantially at right angles thereto and provided with an operating element, substantially as described.

1,646,391. COPY-PAD COMPOSITION. SANTINO COSSIA, New York, and ALFREDO TRIUNFO, Corona, N. Y. Filed Oct. 7, 1926. Serial No. 140,210. 3 Claims. (Cl. 41-31.8.)

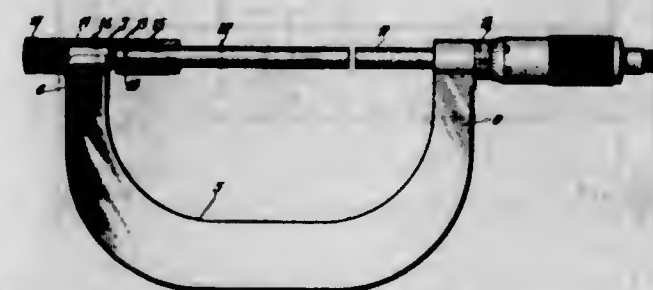
1. A composition for copying pads consisting of glycerine and finely divided amorphous calcium carbonate.

1,646,392. PHOTOMECHANICAL APPARATUS FOR TRANSFERRING DESIGNS FROM FLAT TO CYLINDRICAL SURFACES. JOHN DADY, Summit, N. J., and HARRY C. JONES, Larchmont, N. Y., assignors to Lithoprintex Corporation, New York, N. Y., a Corporation of New York. Filed Dec. 23, 1922. Serial No. 608,652. 12 Claims. (Cl. 88-24.)



2. In apparatus of the character described, the combination of a linearly movable carrier for a design, a rotatable support for a roller with a sensitized surface, and means for moving the carrier and rotating the support so as to cause linear movement of the carrier in unison with rotary movement of the sensitized roller, the carrier-operating means comprising two co-operating members, one a slide block and the other a slideway, one of said members being moved linearly as distinguished from rotatably and in unison with the rotation of the rotatable support, the other member being connected with the design carrier to move the carrier in unison therewith, said members being so related that the movement of the actuating one of the members produces a rate of movement of the other which is constant relative to the peripheral velocity of the sensitized roller.

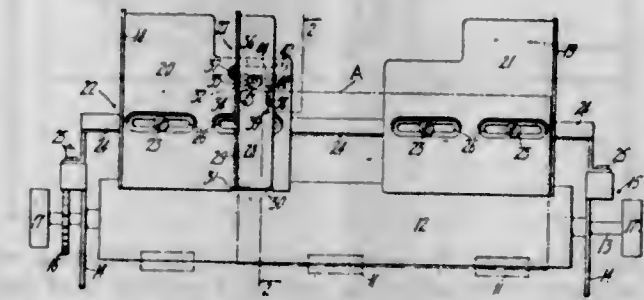
1,646,393. MICROMETER GAUGE. ROBERT GRIFFIN DE LA MATEA, Worcester, Mass., assignor to Reed Small Tool Works, Worcester, Mass., a Corporation of Massachusetts. Filed Apr. 6, 1927. Serial No. 181,880. 2 Claims. (Cl. 33-167.)



1. In combination, a micrometer gauge having a frame, an extension anvil holder including a sleeve and adapted to be secured to said frame, said sleeve having a shoulder formed thereon, an extension anvil having a head formed thereon, said extension anvil being adapted to be intro-

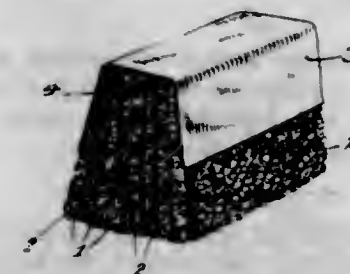
duced into said sleeve with said head engaging said shoulder, and means for clamping said frame to said holder and clamping said head intermediate said frame and said shoulder whereby said extension anvil is secured against movement with respect to said frame and said holder.

1,646,394. TYPEWRITING MACHINE. JOHN W. ENGEL-SIEPEN, Pittsburgh, Pa., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed Dec. 21, 1926. Serial No. 156,087. 5 Claims. (Cl. 197-127.)



1. A detachable side-edge gage for use on a collating table, including a plate having a hook at its lower end to engage the bottom edge of a paper-table and a stud at its upper end to be moved through an opening in the table, and a latch on the rear side of the table and at the back of said opening to engage the said stud when moved through said opening so as to hold said gage against the table.

1,646,395. CLEANING PAD. CROSBY FIELD, Brooklyn, N. Y., assignor to Brillo Manufacturing Company, Inc., a Corporation of New York. Filed June 24, 1924. Serial No. 721,970. 2 Claims. (Cl. 15-209.)



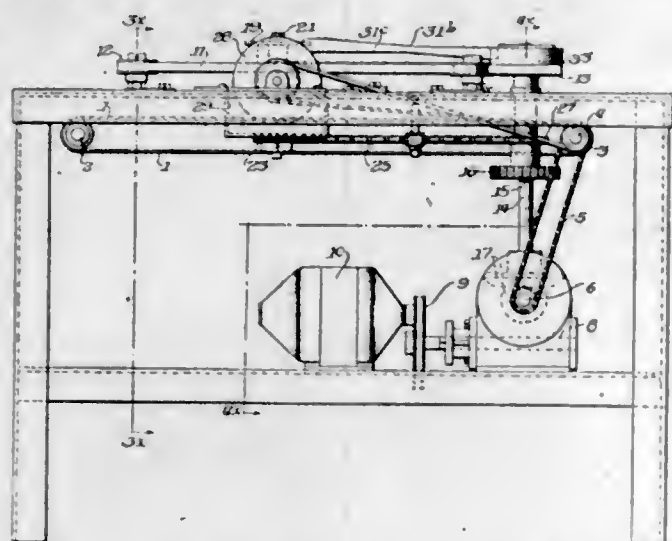
1. A scouring pad comprising a composite laminated body formed of relatively thick layers of matted metal wool alternating with relatively thin layers of soap.

1,646,396. SCRUBBING DEVICE AND MATERIAL THEREFOR. CROSBY FIELD, Brooklyn, N. Y., assignor to Brillo Manufacturing Company, Inc., a Corporation of New York. Filed Oct. 8, 1925. Serial No. 61,190. 7 Claims. (Cl. 29-180.)



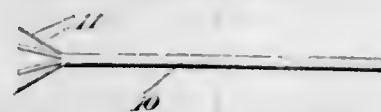
3. A cleaning device comprising fine flexible linear elements of rolled metal having sharp cleaning edges and surfaces, said surfaces having projections thereon forming additional cleaning elements.

1,646,397. BAG-SEALING MACHINE. JULIUS FRANK, Chicago, Ill. Filed July 26, 1926. Serial No. 124,925. 8 Claims. (Cl. 228-56.)



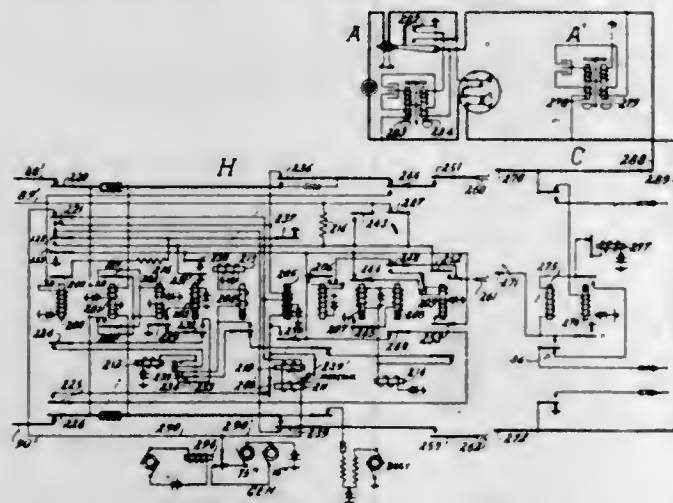
1. In a machine for sealing bags, means affording vertical support to a bag to be sealed, a pair of feed belts mounted to receive a bag between them and adapted to grip the bag and convey it through the machine in an upright position, with the portions of the bag to be folded and adhered projecting above said belts, adhesive applying means in the path of the bag, and in position to apply adhesive to a portion thereof above the belts, and folding and pressing means in position to act upon the bag in the order named after it passes the adhesive applying means.

1,646,398. BUBBLE PIPE. BENJAMIN BERNARD GAFFIN, Brooklyn, N. Y. Filed Oct. 23, 1926. Serial No. 143,561. 1 Claim. (Cl. 46-31.)



A device for blowing bubbles comprising a pipe having at one extremity a plurality of longitudinal slits disposed circumferentially and forming frayed ends, said frayed ends being bent outwardly into prongs.

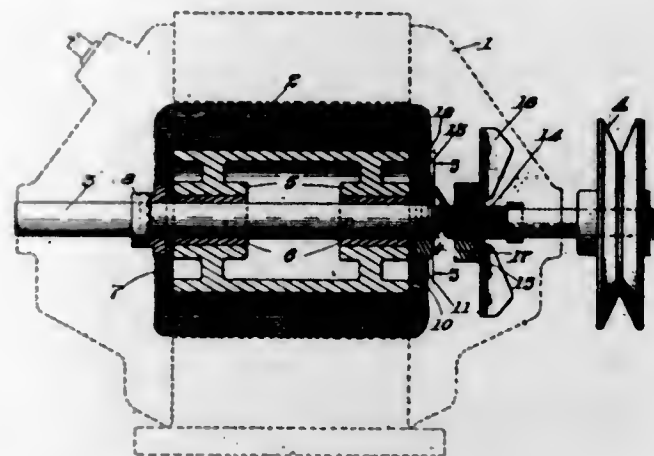
1,646,399. AUTOMATIC TELEPHONE SYSTEM. JOHN E. GARDNER, Chicago, and JOHN I. BELLAMY, Brookfield, Ill., assignors, by mesne assignments, to Automatic Electric Inc., Chicago, Ill., a Corporation of Delaware. Original application filed Oct. 9, 1922, Serial No. 593,413, now Patent No. 1,610,438, dated Dec. 14, 1926. Divided and this application filed Sept. 23, 1926. Serial No. 137,217. 14 Claims. (Cl. 179-17.)



1. In a telephone system, telephone lines, a plurality of stations on each of said lines, a series of selector switches and a connector switch under the control of a

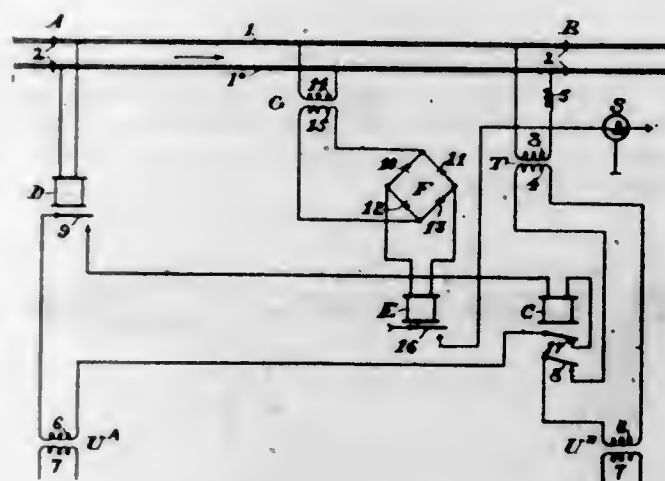
subscriber at one of the stations on one of said lines for extending a connection to another station on the same line or to a station on another line, means in said connector switch operative when connection is extended to said same line for applying signaling current over a simplex circuit to signal the desired station, and means in said connector operative when connection is made with another of said lines for applying said signalling current over a series circuit to signal the desired substation on the called line.

1,646,400. ELECTRIC MOTOR. BENJAMIN E. GUTZ, Morton, Ill. Filed July 19, 1924. Serial No. 726,973. 10 Claims. (Cl. 172-38.)



1. In an electric motor, an armature and an armature shaft, a safety controlling means arranged under normal load to frictionally connect the shaft with said armature and to instantly release the shaft due to overload allowing the armature to idle thereon, and an adjusting means for said controlling means, including a ventilating fan, the latter being accessible from without the motor casing to regulate said adjusting means.

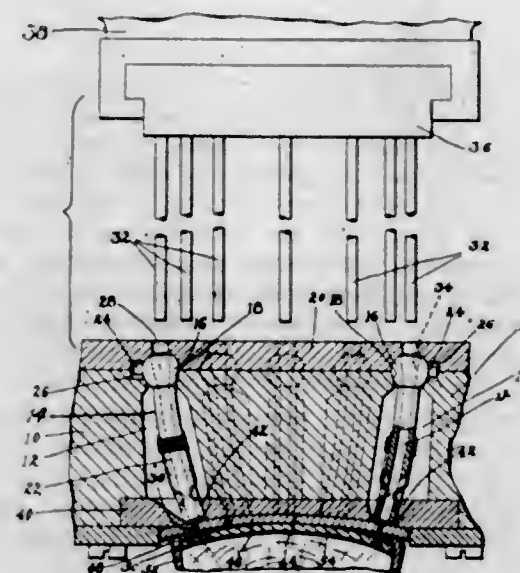
1,646,401. RAILWAY SIGNALING. ROBERT M. GILSON, Pittsburgh, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa., a Corporation of Pennsylvania. Filed July 17, 1926. Serial No. 123,066. 6 Claims. (Cl. 246-34.)



1. In combination, a section of railway track provided with a source of current, coding means for periodically interrupting the supply of current from said source to the rails of said section, a relay receiving energy from said rails, rectifying means interposed between said rails and said relay and constituting a shunt path around the relay which prevents the relay from releasing its armature dur-

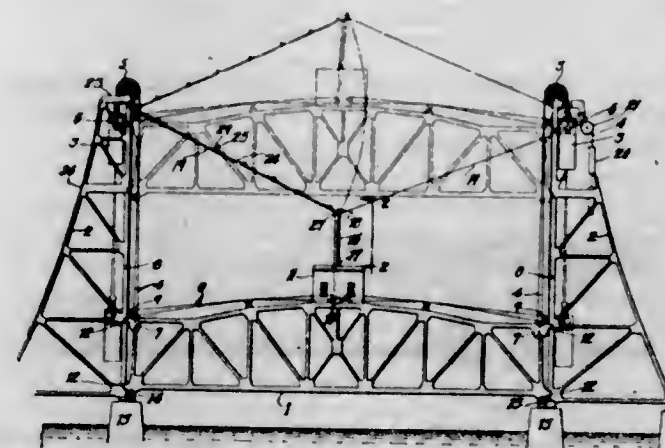
ing the interruptions of current while said coding means is in operation, and signaling means controlled by said relay.

1,646,402. NAILING MECHANISM. JOHN B. HADAWAY, Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Mar. 26, 1923. Serial No. 627,743. 14 Claims. (Cl. 1-32.)



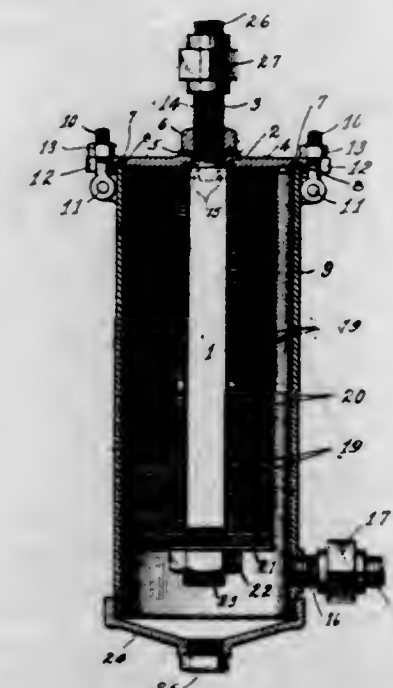
1. In a shoe nailing machine, the combination of a plurality of solid, normally straight, substantially parallel, resilient drivers, a corresponding plurality of curved guides through which said drivers are movable, and means for applying force to all of said drivers in the same direction.

1,646,403. LIFT BRIDGE. SHORTRIDGE HARDESTY, Larchmont, and WILLIAM G. WILLIAMS, Flushing, N. Y., assignors to Waddell & Hardesty, New York, N. Y., a Partnership comprising John A. L. Waddell and Shortridge Hardesty. Filed Feb. 17, 1927. Serial No. 168,907. 4 Claims. (Cl. 14-42.)



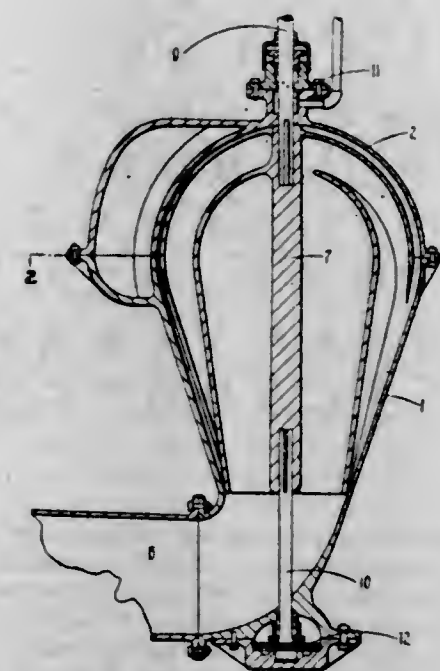
1. The combination with a lift span of a motor carried thereon, a conductor leading from a fixed support to the motor and means for taking up the slack of the conductor as the span moves and at the same time counterbalancing loads which vary as the span rises.

1,646,404. FILTER. FREDERICK D. HERBERT, Upper Montclair, N. J., assignor to Metal Edge Filter Corporation, a Corporation of New Jersey. Filed June 19, 1925. Serial No. 38,160. 12 Claims. (Cl. 210-169.)



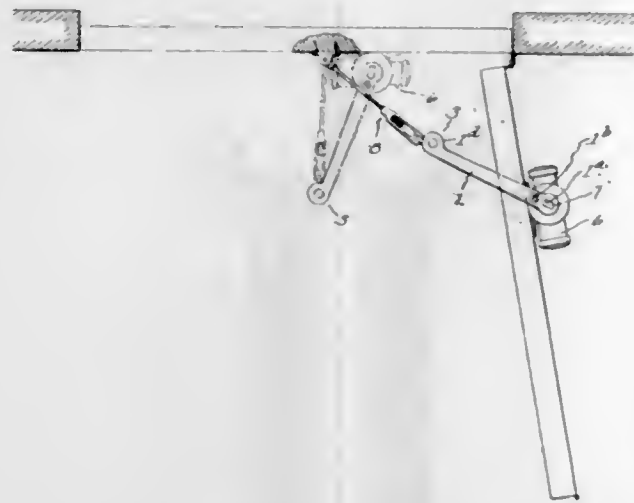
1. In an edge filter, a filter element of sheet metal having adherent non-metallic spacing projections formed thereon.

1,646,405. VERTICAL HYDRAULIC TURBINE. EDITH K. INNES, Zion, Ill. Filed Dec. 28, 1925. Serial No. 77,972. 3 Claims. (Cl. 253-120.)



1. A hydraulic turbine including a casing, the lower portion of which corresponds in shape with an inverted frustum of a cone, having a substantially semi-spherical upper portion, a vertical impeller in said casing carrying impeller vanes the peripheries of which correspond in shape with said casing, a water inlet channel about the upper portion of said casing for directing water thereinto, and a water discharge outlet for said casing beneath said impeller.

1,646,406. HOLDER ARM FOR DOOR CHECKS AND CLOSERS. GILBERT WILLIAM ISLEY, Cleveland, Ohio. Filed Aug. 6, 1926. Serial No. 127,622. 2 Claims. (Cl. 16—80.)



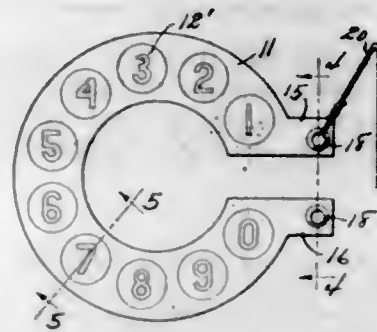
1. A door holder comprising a pair of arms pivoted together, one arm being forked and the other arm having an eccentric fitting between the forks and extending around the pivot, and a wedge projecting between the forks and frictionally engageable with the eccentric when the latter is turned to a certain position.

1,646,407. TYPEWRITING MACHINE. ROBERT MCKEAN JONES, Stony Point, N. Y., assignor to Remington Typewriter Company, Ilion, N. Y., a Corporation of New York. Filed Mar. 12, 1924. Serial No. 698,628. 4 Claims. (Cl. 197—98.)



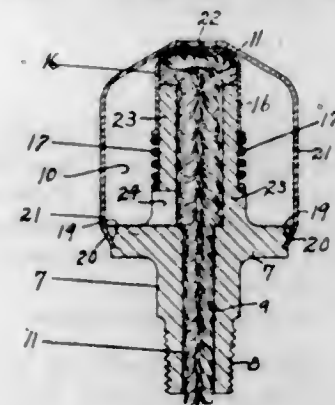
1. In a typewriting machine for writing the Chinese language employing the official phonetic alphabet, a keyboard and type bar system comprising forty simple phonetic symbols, namely:—Nè, Fè, Tz'u or Ts'u, Tzu or Tsu, Ch'ih, P'e, Jih, Gu or ng, È, K'e, Ke, He, Shih, Chl, Tè, Pè, Lè, V, ù, Ng or Ang, Sù, Ch'i, Chl, u, Hsi, I, T's, Mè, en, erh, o, el, èh, ou, a, ao, ang, an, al, eng; twenty-one compound characters, namely:—iün, ün, uo or o, ung, ua, un, lu, üan, in, ia, uang, lao, üeh, uan, ieh, lang, uai, lüng, ing, ien uel; fifteen Chinese numerals, namely:—Shih, Chiu, Pa, Ch'i, Liu, Wu, Sù, San, Èrh, I, Chao, Ee, Wan, Chien, and Pai; and eight miscellaneous characters, namely:—a cipher or punctuation sign, emphasis character, opening and closing parentheses, rising tone, even tone, falling tone, abrupt tone, making a total of eighty-four characters arranged as shown in Fig. 3 of the drawings.

1,646,408. DIAL. RICHARD DEAN KENNEDY, Altoona, Pa. Filed Nov. 28, 1925. Serial No. 72,009. 1 Claim. (Cl. 179—90.)



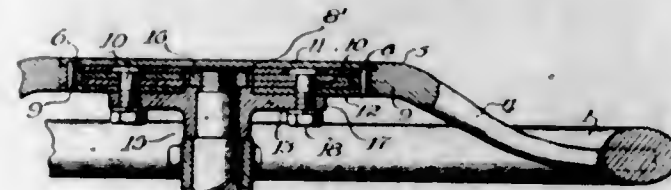
An attachment for an automatic telephone including an apertured finger disc, and a finger hook, said attachment comprising a plurality of split discs having laterally extending ears adapted to project on opposite sides of the hook, one of the split discs carrying illuminated characters, and the other split disc constituting a transparent protecting element, and means for connecting adjacent ears of the discs, these ears overlying each other, and means connecting the oppositely located ears and passing around the hook.

1,646,409. OIL CUP. LIVINGSTON BOND KEPLINGER and MARTHA QUIGGLE KEPLINGER, Cincinnati, Ohio, assignors to The Peters Cartridge Company, Cincinnati, Ohio, a Corporation of Ohio. Filed Sept. 24, 1921. Serial No. 503,007. 7 Claims. (Cl. 184—88.)



1. An oil cup comprising a body having a central discharge passage leading well up into the cup; a wick disposed in said discharge passage; and a spring-pressed cup member slidably mounted in said body and adapted to compress said wick when said cup is moved against said spring action to force a lubricant out of said discharge passage.

1,646,410. STEERING WHEEL. JULIAN B. LA PIERRE, Chicago, Ill. Filed Oct. 20, 1926. Serial No. 142,900. 7 Claims. (Cl. 74—33.)

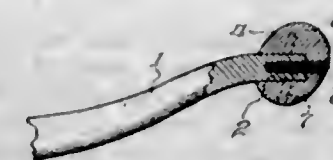


1. A steering wheel comprising a rim, a plurality of spider arms having their outer ends supported on said rim, and a hub member, said hub member and the inner ends of said arms being provided with complementary overlapping parts adapted to interlock when said hub and arm ends are rotated relative to each other in the same plane.

5. The combination in a steering wheel of a rim, a plurality of wooden spider arms attached to said rim, a wooden hub attached to said arms, said hub having a top

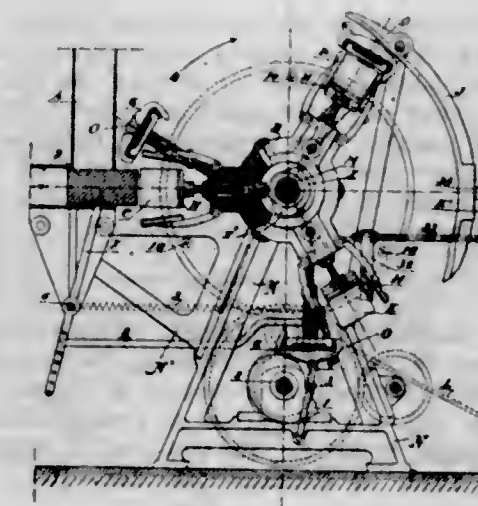
side and a base side, a metallic spider adapted to be secured on a steering column, and means for attaching said metallic spider to the base side of said wooden hub, said hub having a recess in the base side thereof for receiving the upper end of the steering column, said recess extending only part way through said hub.

1,646,411. STEERING WHEEL. JULIAN B. LA PIERRE, Chicago, Ill. Filed Oct. 22, 1926. Serial No. 143,899. 7 Claims. (Cl. 74—33.)



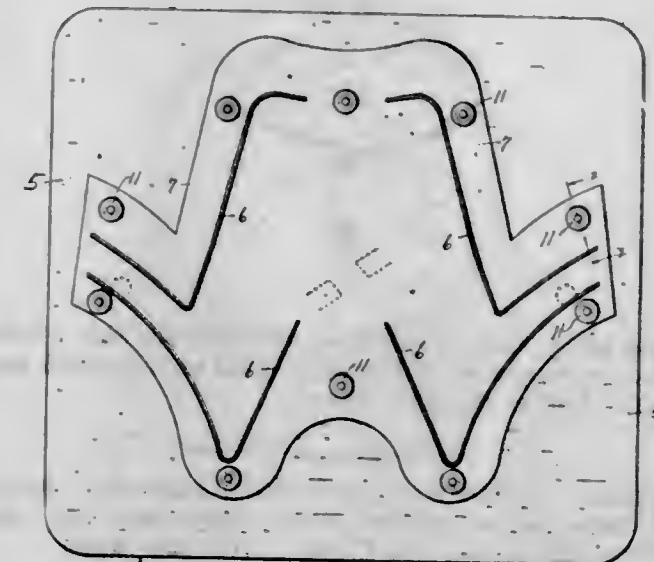
3. In a steering wheel construction, a rim, a spider arm mortised in the inner periphery of said rim, said rim having a mortise cut in the outer periphery thereof extending into and bifurcating the end of said arm, a wedge adapted to fit in said mortise for holding said arm to said rim and means for locking said rim, wedge and arm together.

1,646,412. CONTINUALLY-WORKING MACHINE FOR MOLDING AND MARKING BY COMPRESSION PLASTIC MATERIALS. VINCENT LLEDO, Marseille, France. Filed Dec. 17, 1924. Serial No. 756,413, and in France Dec. 18, 1923. Renewed Sept. 9, 1927. 1 Claim. (Cl. 25—78.)



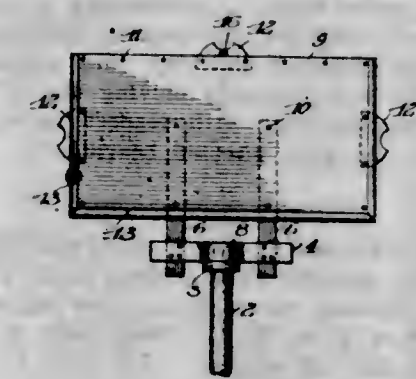
A continually working machine for molding and marking by pressure plastic stuffs such as soap and the like, composed of a plurality of in a star form disposed pressing and molding boxes the sides, the tops and bottoms of which are movable each with reference to the others, in which an adjustable sliding organ moves reciprocatingly to supply the stuff to be molded to form boxes the sides of which relatively movable the one with reference to the other are controlled in a known way by a lever engaging on a cam track disposed on a disc fixed to the main driving axis whilst the pressure on the lids of the molding boxes is within certain limits adjustably controlled by a cam track disposed exteriorly at the moment of contact, said track being under the influence of a weight thus governing the pressure on the lids of the molding boxes pressing on the sides so that the boxes are closed and finally the bottom of the molding boxes, acting as a piston, reciprocally movable under the control and by means of a cam disposed on the driving axis of the machine ejects the finished pieces of stuff.

1,646,413. MARKING DIE. AUGUST LOSSMANN, Wauwatosa Township, Milwaukee County, Wis. Filed Aug. 23, 1926. Serial No. 130,790. 5 Claims. (Cl. 101—368.)



1. In a device of the character described, the combination with a slotted anchorage plate and a mounting plate presenting uncut portions beneath said slots, said plates being secured together, of knives fixed on edge in said slots by means independent of the connection between the plates and backed by said mounting plate.

1,646,414. SIGN HOLDER. CHARLES T. MARTON, Rochester, N. Y. Filed Apr. 6, 1925. Serial No. 20,928. 6 Claims. (Cl. 40—145.)



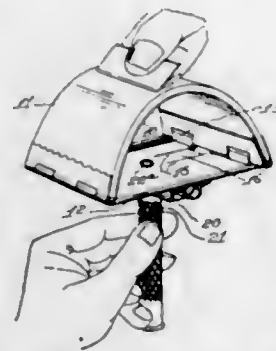
1. In a sign exhibitor, the combination of a standard having a head, oppositely projecting arms carried by the head, a pair of spaced upright straps carried by the arms and a pair of frame plates secured together at their margins and between which the straps extend.

5. In a sign exhibitor, the combination with a frame plate having its side and bottom edges flanged to constitute a U-shaped holder for a sign plate, of a U-shaped molding adapted to extend across the face of the sign plate to lie wholly on one side of the sign plate and sign, and to straddle the ends of the frame plate flanges, said molding being without fastenings and its engagement with the said frame plate flanges being a straddling of only one arm of the U-shaped structure of such flanges.

1,646,415. RAZOR STROP. MICHAEL W. MCARDLE, Chicago, Ill. Filed Jan. 28, 1926. Serial No. 84,269. 4 Claims. (Cl. 51—198.)

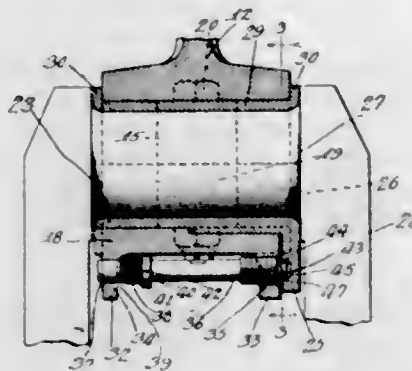
1. An implement for the purpose indicated and the like, comprising in combination a spring plate surfaced at one

side for sharpening purposes, and adapted to be flexed convex at that side; slidably engaged slides having their remote ends hinged respectively to the opposite ends of the



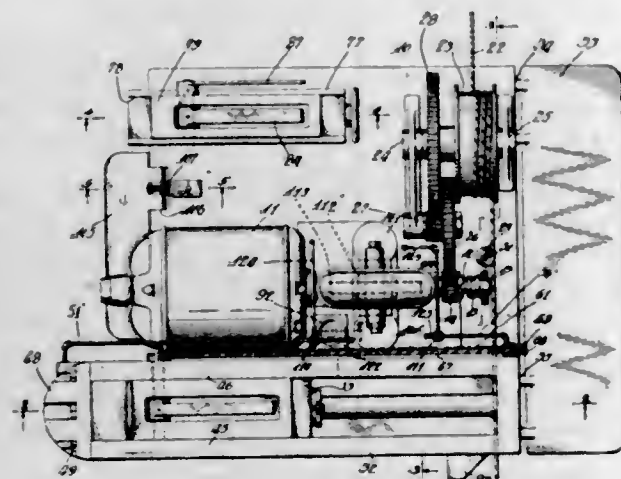
spring plate, and extending at the opposite side of said plate, and means for locking said slides at contracted position for holding the plate flexed.

1,646,416. AUTOMATIC THRUST BEARING. GUSTAV C. MONCKMEIER, Tipton, Iowa. Filed Mar. 15, 1926. Serial No. 94,630. 22 Claims. (Cl. 308-167.)



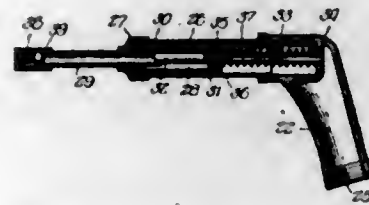
1. In combination with a crank shaft, a bearing support for said crank shaft, a bearing cap secured to said bearing support, semi-circular bearing bushings mounted in said bearing support and cap, and means mounted on said cap for automatically moving one of said semi-circular bearing bushings with respect to said cap for taking up the end wear on said bearing.

1,646,417. COAL-MINE ROOF-SUPPORTING MECHANISM AND MEANS FOR OPERATING THE SAME. EDMUND C. MORGAN, deceased, by Olive Eugenie Morgan, executrix, New York, N. Y. Filed Sept. 4, 1923. Serial No. 660,954. 51 Claims. (Cl. 262-1.)



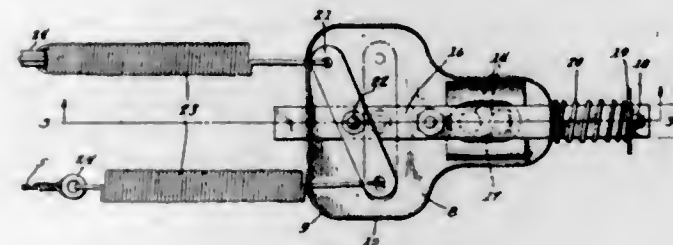
38. In roof-supporting mechanism, the combination with a roof shoe, of a floor shoe, mechanical operating connections between said shoes, and portable detachable mechanism for operating said mechanical connections to actuate said shoes.

1,646,418. HIGH-PRESSURE HAND GUN. WILLIAM H. OPITZ, Cleveland, Ohio, assignor to The Marvel Equipment Company, Cleveland, Ohio, a Corporation of Ohio. Filed June 25, 1926. Serial No. 118,406. 14 Claims. (Cl. 221-47.4.)



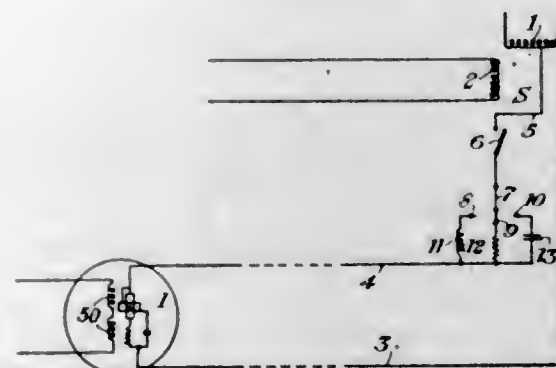
1. A high pressure lubricant gun comprising a barrel, a shell for containing lubricant mounted in said barrel, a discharge nozzle connected to said shell and having ported communication with said shell, and a plunger having a portion through which lubricant is conveyed into said shell and having another portion operable in said discharge nozzle for forcing lubricant therefrom.

1,646,419. SWITCH FOR AUTOMOBILE SIGNAL LAMPS. LEE H. PECK, Cleveland, Ohio. Filed Dec. 30, 1921. Serial No. 525,833. 4 Claims. (Cl. 200-59.)



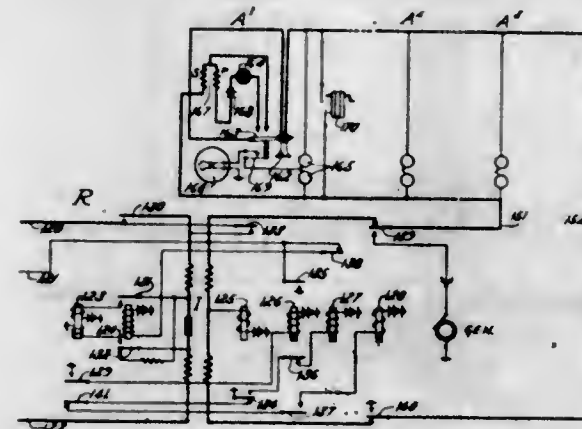
1. Switch mechanism for vehicle stop signals, comprising a hollow casing, a slidable circuit controlling member therein, yielding means for moving the same in one direction, a lever pivotally connected between its ends to said slidable member and lying within said casing, and flexible members connected to the arms of said lever and extending outside of said casing for actuation by either or both of two vehicle control devices.

1,646,420. RAILWAY SIGNALING APPARATUS. LESLIE HURST PETER, London, England, assignor, by mesne assignments, to The Union Switch & Signal Company, Swissvale, Pa., a Corporation of Pennsylvania. Filed Dec. 26, 1924, Serial No. 758,068, and in Great Britain Feb. 29, 1924. 2 Claims. (Cl. 246-162.)



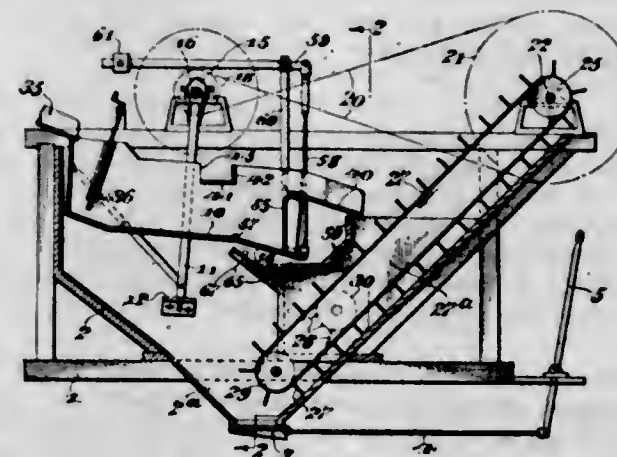
1. In combination, a signal capable of displaying three indications, an indicator responsive to the phase of the current supplied thereto, and means for connecting said indicator with a source of alternating voltage through a non-inductive resistance, an inductive resistance or a condenser depending upon the indication displayed by the signal.

1,646,421. AUTOMATIC TELEPHONE SYSTEM. ARTHUR J. RAY, Chicago, Ill., assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill., a Corporation of Delaware. Filed Dec. 1, 1924. Serial No. 753,016. 18 Claims. 179-17.)



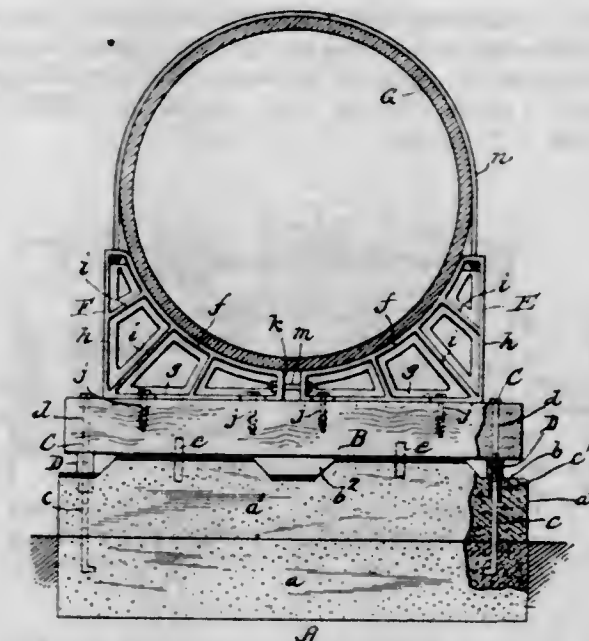
1. In a telephone system, a line, a party line having an individual line repeater, an automatic switch for connecting said lines, a source of ringing current at said repeater, and means controlled by the subscriber on said first line for causing said repeater to variably connect said source to said party line for selectively signalling the parties thereon.

1,646,422. COAL JIG. WILLIAM A. REILLY, Wyoming, Pa. Filed Apr. 29, 1924. Serial No. 709,733. 2 Claims. (Cl. 209-494.)



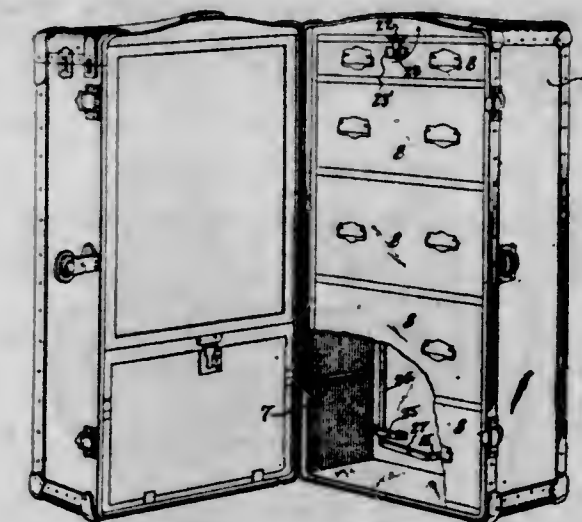
1. In a coal jig, the combination of a tank, a vibratable jig pan supported within the said tank, the opposite sides of said jig pan being provided with openings at their upper edges intermediate their opposite ends, an angular plate having its opposite ends mounted within said openings, a portion of the said plate occupying a substantially horizontal plane and extending toward the front of the said jig pan and another portion thereof extending upwardly in a substantially vertical direction, the horizontal portion of the said plate being adapted to be submerged within the water in the said jig pan whereby the said plate is adapted to interrupt the rearward movement of coal which separates from the slate in the front part of the said jig pan, and the said jig pan being provided with coal and slate discharge means at its rear end, the coal being adapted to be discharged into the said tank, a receptacle into which the said slate is to be discharged, and conveyers for removing the said coal and slate from the coal jig, substantially as described.

1,646,423. CRADLE FOR HYDRAULIC PIPE LINES. EUGENE SCHAUB, Logan, Utah. Filed Mar. 15, 1924. Serial No. 699,596. 8 Claims. (Cl. 137-75.)



2. A pipe line structure of the class described, including a foundation, a sleeper thereon, and a cradle composed of complementary members fixedly attached to said sleeper.

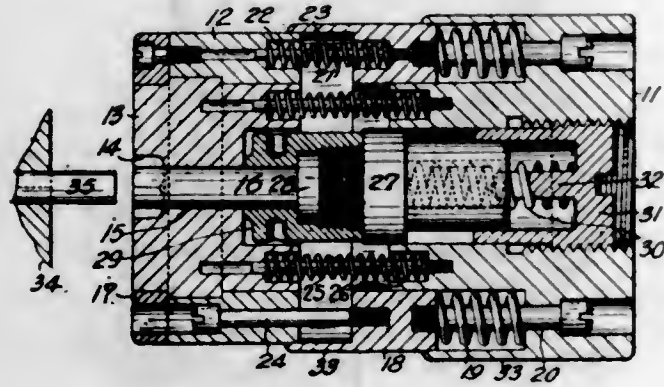
1,646,424. DRAWER-LOCKING MECHANISM FOR WARDROBE TRUNKS. SAMUEL SILVERMAN, Newark, N. J., assignor to The Rauchbach-Goldsmith Co., a Corporation of New Jersey. Filed Feb. 16, 1926. Serial No. 88,538. 2 Claims. (Cl. 45-94.)



2. A locking mechanism for the drawer section of wardrobe trunks, comprising vertically spaced rotatable levers fulcrumed on the interior of the rear wall of said drawer section, said rotatable levers having oppositely projecting free end portions, a vertical transmission bar pivotally connected with and between corresponding free end portions of said rotatable levers, laterally movable locking bars respectively positioned to engage means at opposite sides of the drawers of said drawer section, links interconnecting corresponding free end portions of said rotatable levers with the upper and lower ends of said respective locking bars, a rotatable shaft mounted at the top of said drawer section, said shaft having at its inner end a crank arm connected with the upper end of said transmission bar, a lever arm on the exterior end of said shaft for rotating the same, a lockhasp hinged to said lever arm, and key lock mechanism connected with the

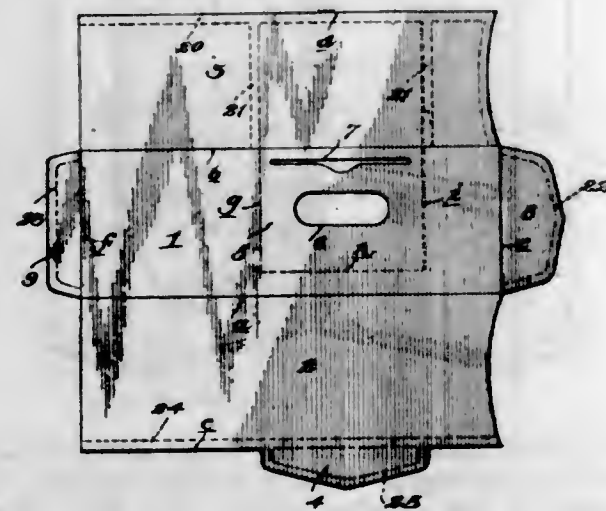
uppermost drawer with which said lockhasp may be interlocked when said lever arm is positioned to move the drawer locking mechanism to locked engagement with said drawers.

1,646,425. DIE FOR BOLT-MAKING OR SIMILAR MACHINES. FREDRICK JAMES SIMPSON, Montreal, Quebec, Canada, assignor to Thomas P. Shelly, Montreal, Quebec, Canada. Filed Aug. 3, 1923. Serial No. 655,440. 17 Claims. (Cl. 10—24.)



4. In forming machinery for bolts and the like, the combination with gripping dies to hold material against retreat during forming, of a die having a forming recess, an upsetting plunger slidable in said forming die, means to advance the forming die and plunger simultaneously to the material until engagement of material and plunger occurs and to then advance the forming die alone into engagement with the gripping dies to enclose the material and to finally advance the plunger alone to upset material enclosed in the forming die and resilient means to restore the carrier, die and plunger to their original relations upon retreat of the carrier.

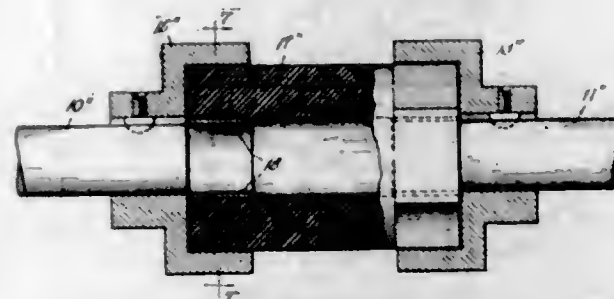
1,646,426. ENVELOPE AND ENVELOPE BLANK. MARY IRENE SNAPE, Springfield, Ill. Filed May 4, 1926. Serial No. 106,665. 2 Claims. (Cl. 229—72.)



1. In an envelope, a sheet having longitudinal score lines thereon to provide front, back and intermediate portions, said front and back portions being of substantially the same width, end flaps carried by said front portion, said front portion having a slight opening and a slit parallel with and adjacent to said opening, said intermediate portion having its free side edge gummed and having a pair of spaced transverse gummed lines extending from its inner edge at right angles to said slit and intersecting the gummed portion of the free side edge to form a pocket about the slit and opening when the said intermediate portion is moved into engagement with the front portion, and a flap carried by the free edge of the

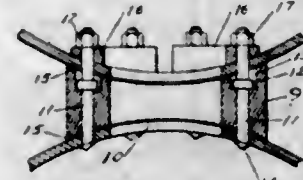
back portion intermediate its ends to provide a fastener to secure the back portion to the front portion and to further provide a cover for the slit and a reinforcement for the upper edge of said pocket whereby to form a two compartment envelope for mailing objects having different rates of postage.

1,646,427. FLEXIBLE COUPLING. BENJAMIN SKIDMORE, Jr., Chicago, Ill. Filed Feb. 11, 1925. Serial No. 8,320. 6 Claims. (Cl. 64—96.)



1. A flexible coupling for interconnecting two shafts in substantial alignment and comprising, a pair of cup-shaped coupling members adapted to be connected to the shafts and having non-circular recesses in their adjacent faces, and a relatively soft and elastic interconnecting element having its opposite ends formed to substantially fit the recesses in the coupling members and serving to communicate motion and power therebetween by torsion alone, said interconnecting element and coupling members being so related that the coupling members will shear the ends of the interconnecting element into approximately cylindrical form in the event that the power to be transmitted becomes excessive.

1,646,428. BOILER. MARK E. SMITH, Erie, Pa., assignor to Union Iron Works, Erie, Pa., a Corporation of Pennsylvania. Filed Feb. 12, 1925. Serial No. 8,699. 4 Claims. (Cl. 122—4.)

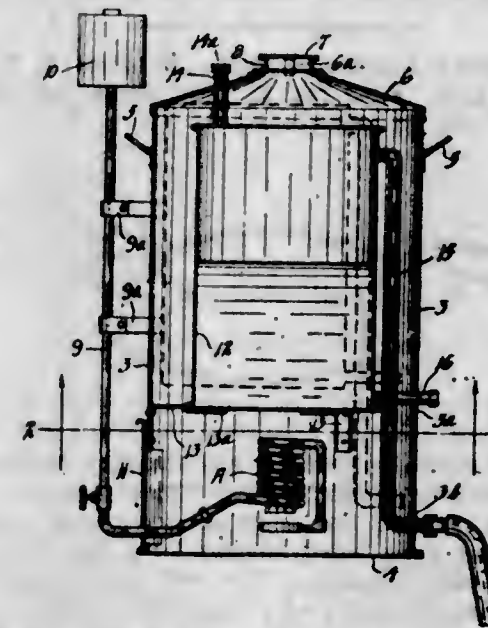


2. In a boiler, the combination of a lower drum; an upper drum, said drums having opposing openings; a ring arranged between the drums and having a wall surrounding said openings, said ring making a fluid tight closure contact with the surfaces of the drums forming a nipple connection between the drums, said drums and nipple having registering openings extending through the walls of the ring and the drums; and securing means extending through said registering openings and having heads within the shells.

1,646,429. WATER HEATER. ERVIN E. SPLETTER, Montevideo, Minn. Filed Feb. 23, 1926. Serial No. 89,842. 2 Claims. (Cl. 126—350.)

1. A water heater comprising a casing having a removable cover adapted to close the upper end thereof, inwardly extending supporting means secured to the inner periphery of said casing and spaced above the bottom thereof, a heating unit within said casing disposed below said supporting means, a tank of considerably smaller diameter than said casing adapted to be supported on said supporting means in spaced relation to said casing, a delivery conduit rigidly connected with said tank, the greater portion of said conduit being disposed between said tank and

casing to receive heat from said heating unit, said conduit having a horizontal extremity passing through said casing and terminating slightly beyond the outer side of



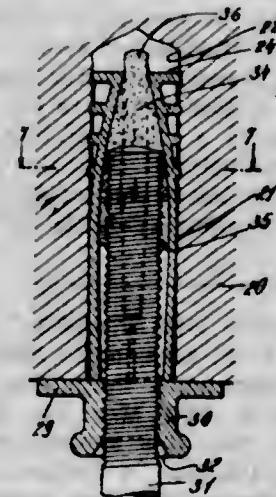
said casing to permit removal of said tank when the same is moved laterally from its support and lifted out of said casing.

1,646,430. INNERSOLE. JOHN F. TEEHAN, Brockton, Mass. Filed Mar. 28, 1923. Serial No. 628,260. 2 Claims. (Cl. 36—22.)



1. An innersole comprising a blank having an integral feather, a rib upturned from the body of the blank and extending continuously along both sides of the shank and the forepart and turned up and back or inward from the edge, and a reinforcing rib also upturned from the body of the blank outside the first-mentioned rib on the shank portion of the innersole, the feather and the upturned ribs together being in thickness substantially equal to the body of the blank, and said innersole being split at its shank portion on the plane of the base of said reinforcing rib.

1,646,431. BOLT ANCHOR. CHARLES C. TOMKINSON, Plainfield, N. J., assignor to John Edward Ogden, Mountainville, N. Y. Filed Sept. 10, 1921. Serial No. 499,814. 15 Claims. (Cl. 72—105.)



1. In combination, an expansion shield of relatively hard metal having a plurality of expansible elements and

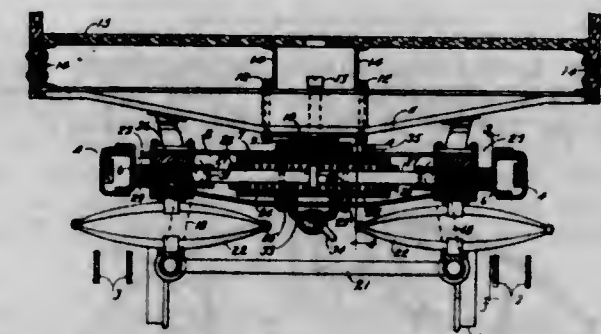
having a threaded portion for receiving an expanding element and a soft metal mass positioned within said elements and adapted to spread the elements.

1,646,432. DOOR MECHANISM. CHARLES C. TOMKINSON, Plainfield, N. J., assignor to J. Edward Ogden, Mountainville, N. Y. Filed Sept. 15, 1922. Serial No. 588,297. 21 Claims. (Cl. 20—19.)



1. A door arranged to move vertically and laterally and mechanism for supporting and swinging the door, said mechanism including means connected with the door arranged to have its effective length varied during the part of the movement of the door when the top of the door has a vertical component of movement and fixed during the remainder of the lateral door movement.

1,646,433. CAR-TRUCK STABILIZER. CHARLES H. TOMLINSON, Mansfield, Ohio, assignor to The Tomlinson Coupler Company, Mansfield, Ohio, a Corporation of Ohio. Filed July 14, 1925. Serial No. 43,502. 10 Claims. (Cl. 105—193.)

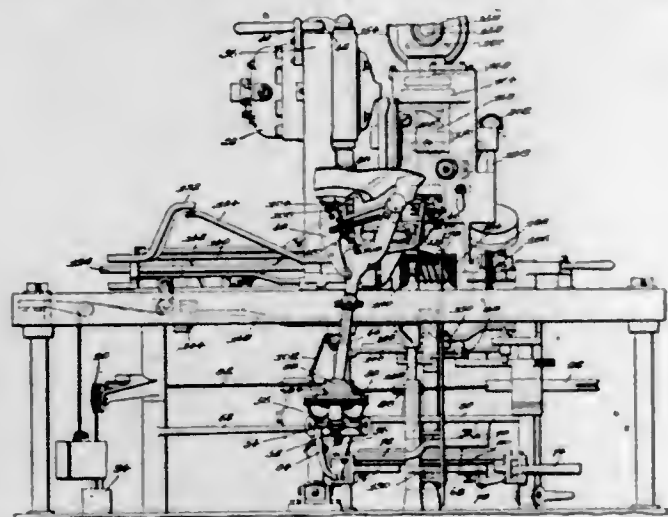


1. The combination with a car truck provided with a transversely movable truck bolster, of fluid pressure means to retard the movement of the truck bolster to either side from the center and to retard the return of the truck bolster to its central position and yielding means connected to the fluid pressure means tending to return the bolster to its central position.

1,646,434. METHOD OF MAKING SHOES. LAURENCE E. TOPHAM, Wenham, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J., a Corporation of New Jersey. Filed Dec. 18, 1926. Serial No. 165,025. 3 Claims. (Cl. 12—142.)

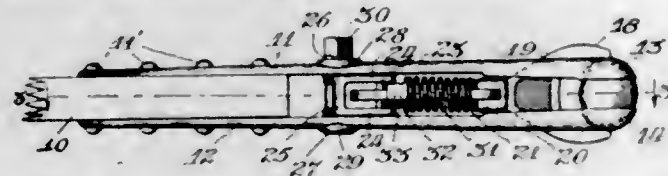
3. The method of making shoes which comprises presenting a lasted shoe successively to an edge trimming tool and to an edge setting tool, guiding the shoe during

each operation and imparting tipping positioning movements to the shoe as the point of operation is transferred about the shoe to present the working faces of the trim-



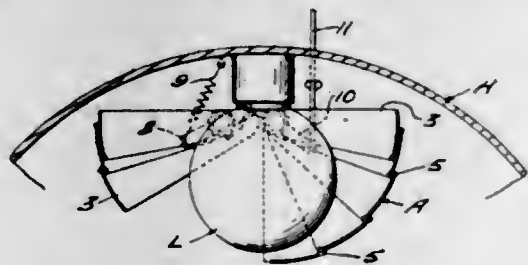
ming and edge setting tools at the same angle to the sole surface at corresponding points in the operation of the tools.

1,646,435. PITMAN. ANDERS WIKLUND, Chicago, Ill., assignor to International Harvester Company, Chicago, Ill., a Corporation of New Jersey. Filed Mar. 1, 1922. Serial No. 540,179. 10 Claims. (Cl. 287-89.)



1. In a pitman connection, a pitman having resilient jaws, a jaw clamping member, a link connected to said clamping member, a crank pivoted to said pitman and connected to said link, and means causing relative longitudinal movement of said link and clamping member with respect to said crank after said clamping member is in clamping position, whereby one end of the link and a portion of the crank abut to lock the parts in such clamping position.

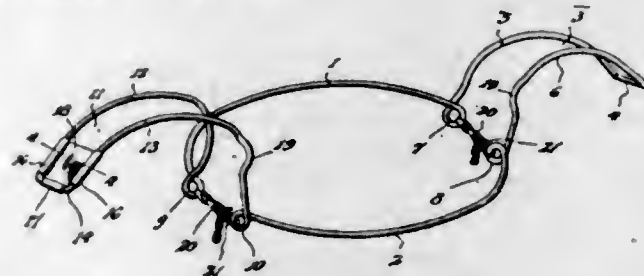
1,646,436. LIGHT SHADE FOR HEADLIGHTS. GEORGE W. WILKIN, Grangeville, Idaho. Filed June 15, 1926. Serial No. 116,196. 6 Claims. (Cl. 240-45.2.)



3. In combination with a casing of a headlight and a lamp therein, posts arranged within the casing above and below the lamp, a hood comprising a plurality of sections, said sections being arranged in series, the sections of each series being freely engaged with a post above and below the lamp, a section of each series being fixed to a sleeve mounted on a post, a frame carried by one of the sleeves and extending beyond opposite sides thereof, an arm carried by a second sleeve extending beyond opposite sides thereof, one end portion of the arm being adapted to engage an end of the frame, means coacting with the frame for automatically imparting swinging movement to the frame to collapse the sections of the adjacent series, and means for imparting movement to the arm to swing said

arm in a direction to extend the sections of the adjacent series to partially inclose the lamp, the sections of each series having coacting means to effect the requisite movement in either direction of the sections of each series.

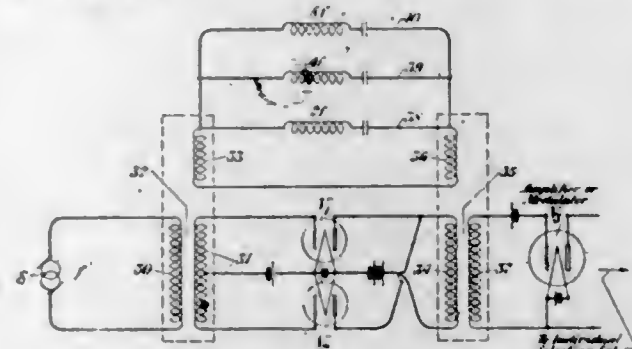
1,646,437. MILK-PAIL HOLDER. WILLIAM J. WILTSE, Lisbon, N. Dak. Filed Jan. 3, 1927. Serial No. 158,733. 6 Claims. (Cl. 31-54.)



1. A pail holder comprising a pail-engaging portion, and hangers extending upwardly from opposite sides of the pail-engaging portion and each having front and rear arms, the rear arms being shorter than the front arms whereby the pail-engaging portion will be supported in a plane extending forwardly at a downward incline.

3. A pail holder comprising a pail-encircling portion having companion front and rear sections movable towards and away from each other, resilient hangers having arms joined to said sections and yieldably resisting movement of the sections towards each other, said hangers being bent to dispose the pail-encircling portion at a downward incline towards its front, and means to releasably retain said sections drawn towards each other for gripping engagement with a pail.

1,646,438. HARMONIC GENERATOR. HERMAN A. AFFEL, Brooklyn, N. Y., assignor to American Telephone and Telegraph Company, a Corporation of New York. Filed May 15, 1923. Serial No. 639,176. 3 Claims. (Cl. 172-281.)

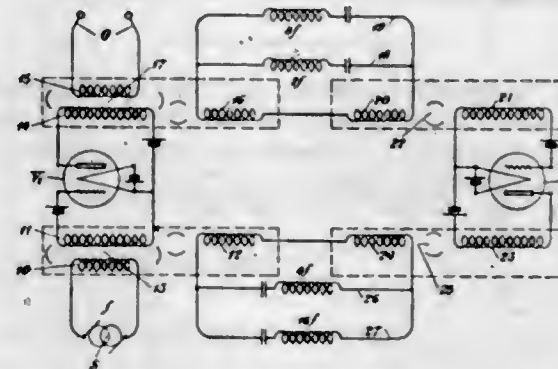


1. A harmonic generator comprising a source of fundamental frequency, a static translating device upon which said fundamental frequency may be impressed, said static translating device having an input circuit and an output circuit and being adapted to produce harmonics of the fundamental frequency, a reentrant connection from the output circuit of said translating device to its input circuit, said reentrant connection comprising a plurality of paths each adapted to feed back into the input circuit of said translating device a different harmonic frequency produced in the output circuit thereof, thereby producing frequencies which are harmonics of the frequencies fed back, and means to prevent alternate harmonics from being fed back.

1,646,439. HARMONIC GENERATOR. HERMAN A. AFFEL, Ridgewood, N. J., assignor to American Telephone and Telegraph Company, a Corporation of New York. Original application filed May 15, 1923, Serial No. 639,176. Divided and this application filed Dec. 14, 1926. Serial No. 154,772. 4 Claims. (Cl. 172-281.)

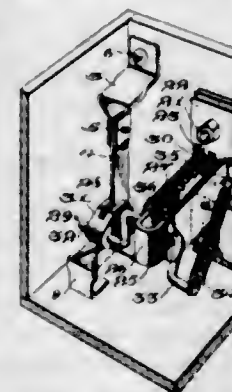
1. A translating system including a plurality of translating devices, each having input and output circuits, said devices being so arranged that the output of each trans-

mits to the input of the other, means to impress electrical waves upon one of said translating devices for transmission successively through said translating devices a



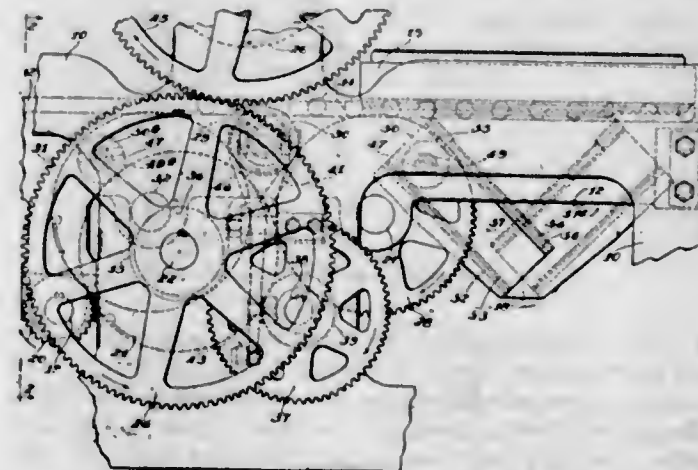
number of times and means to produce a change in frequency each time the waves are passed through a translating device.

1,646,440. ELECTRIC SWITCH. ALFRED JOHNSON ASHFORD, Kinston, N. C., assignor of one-half to Sylvester L. Stough, Kinston, N. C. Filed June 5, 1926. Serial No. 113,982. 8 Claims. (Cl. 200-157.)



8. An electric switch comprising a swinging switch blade, a shaft, a connection between the shaft and the blade causing swinging of the blade upon turning of the shaft, a lever, gearing between the lever and the shaft so that movement of the lever turns the shaft, a supporting frame comprising an outer member and an inner member, said members being fitted together and provided with slots forming a bearing for the shaft when said members are fitted upon the shaft, and a stud securing the frame members together and passing through the lever, thereby providing a fulcrum therefor.

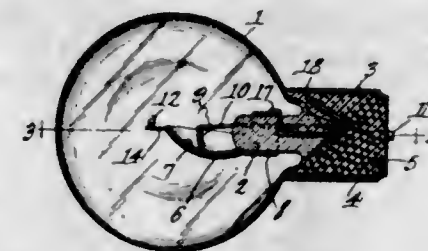
1,646,441. MECHANICAL MOVEMENT. FRANK R. BELUCHE, Mansfield, Mass., assignor, by mesne assignments, to Miller Saw-Trimmer Company, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed Dec. 14, 1925. Serial No. 75,166. 12 Claims. (Cl. 74-98.)



1. In a mechanical movement, a reciprocable body, an effective shoe and a guard shoe carried by said body, rotary means cooperating with said effective shoe for re-

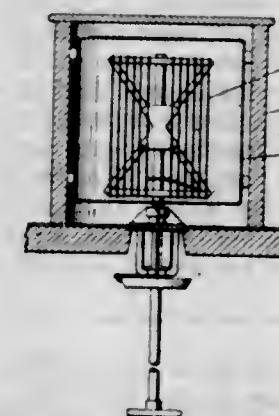
versing the movement of said body, and a guard head having a curved portion for cooperation with said guard shoe, said guard head being reduced at one part to permit its entry with respect to said guard shoe.

1,646,442. LAMP. OLIE BRIZENDINE, Attica, Kans. Filed May 14, 1925. Serial No. 30,230. 2 Claims. (Cl. 176-26.)



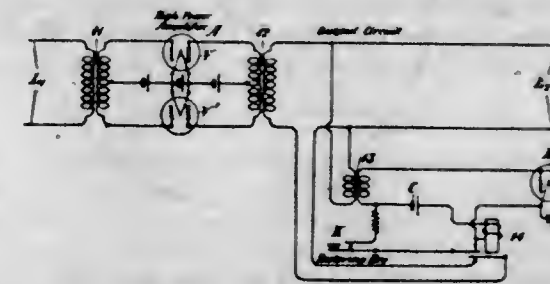
1. In an electric lamp, a bulb, a single spoon-shaped deflector having a lateral concavity, the deflector being located in the bulb and being prolonged in a direction substantially parallel to the axis of the bulb, a filament in the concavity of the deflector and connected at one end to the deflector, a filament located ahead of the deflector and connected at one end to the deflector, the last-specified filament being exposed throughout its entire extent, electrical connections joined to the other ends of the filaments, and an electrical connection joined to the deflector

1,646,443. COMPENSATOR FOR RADIOCOMPASSES. WARREN B. BURGESS, Boston, Mass. Filed Mar. 11, 1921. Serial No. 451,571. 8 Claims. (Cl. 250-11.)



8. In combination with a radio compass coil subject to deviational characteristics of direction, means for reducing the effect of the deviational characteristics of the radio compass coil to a minimum, the means consisting of a coil mounted in closed proximity thereto, the radio compass coil serving as a second for the said means.

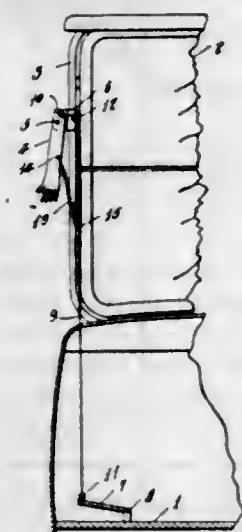
1,646,444. PROTECTION CIRCUITS. ALLEN CARPE, New York, N. Y., and RALPH W. DEARDORFF, Kensington, Calif., assignors to American Telephone and Telegraph Company, a Corporation of New York. Filed Aug. 25, 1925. Serial No. 52,400. 8 Claims. (Cl. 179-171.)



1. In a protection system, a translating device, means to apply a voltage thereto to be translated, an outgoing circuit connected to said translating device, the impedance

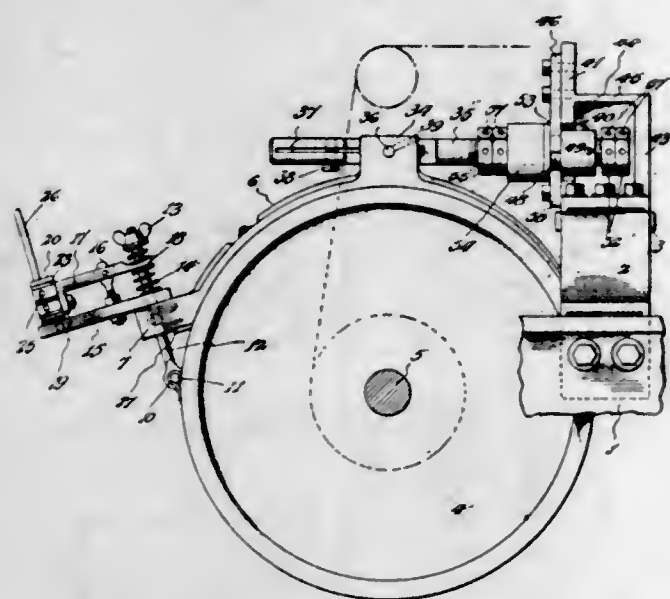
of the outgoing circuit being so related to the impedance of said translating device that the voltage across the outgoing circuit will normally be less than the translated voltage, means responsive to an increase in the voltage drop across the outgoing circuit to operate a relay, and means controlled by said relay for preventing the abnormal voltage from being applied to the terminals of said outgoing circuit.

1,646,445. AUTOMOBILE DIRECTION INDICATOR. ERNEST L. CROSWELL, Chicago, Ill. Filed Feb. 9, 1926. Serial No. 87,102. 2 Claims. (Cl. 116—52.)



1. An automobile indicating or direction signal, comprising an indicating or signaling member pivoted adjacent one of its ends and normally occupying a depending position, a pedal pivoted at one end below the pivot of the member, a guide pulley journaled adjacent the pivot of the member, a flexible element passing about the pulley and connected to the member above the pivot thereof and to the free end of the pedal, and an expansion spring connected to the member below the pivot thereof and to the element below its connection with the member.

1,646,446. WARP-TENSION EQUALIZER. TELESPHORE C. DEMERS, Lebanon, N. H. Filed Dec. 1, 1926. Serial No. 151,972. 11 Claims. (Cl. 139—100.)



1. In an apparatus for the purpose set forth, the combination of a brake shoe, a brake band attached at one end to the shoe and equipped at its opposite end with a tension bolt and a tension spring cooperating with the end of the shoe to yieldably retain the band under a de-

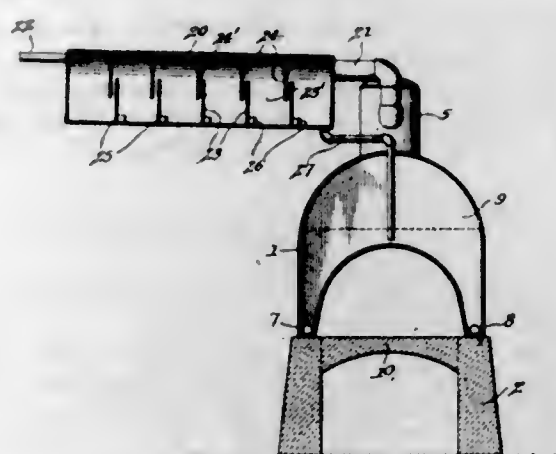
sired tension, a rocking finger carried by the shoe and engaged at one end with the said spring, and means for rocking said finger whereby to compress the spring and permit release of the friction band.

1,646,447. RUBBER-CUTTING MACHINE. RICHARD W. DINZL, Bywood, Pa., assignor to Southwark Foundry & Machine Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Jan. 31, 1927. Serial No. 164,929. 14 Claims. (Cl. 164—48.)



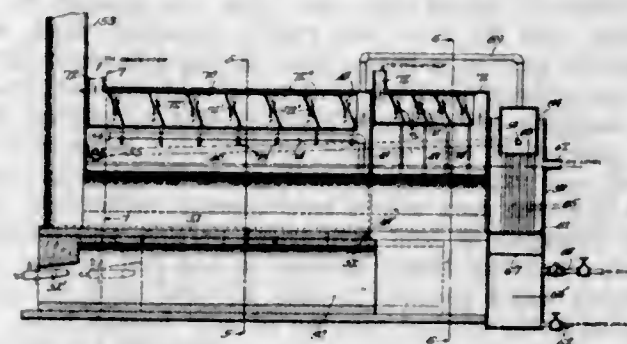
1. In a rubber cutting machine, the combination of a supporting platform, guides flanking the same, means for moving bales of rubber onto said platform and feeding the same thereon, a knife mounted over said platform and vertically movable in said guides, means for raising and lowering the knife with respect to a bale arranged to be moved across the platform, and vertically movable means for engagement with the bale simultaneously with the initial cutting actions of said knife.

1,646,448. OIL-DISTILLING APPARATUS AND METHOD. EDWARD C. D'YARMETT, Wichita Falls, Tex., assignor of one-half to O. K. Herndon, Kansas City, Mo. Filed Apr. 2, 1926. Serial No. 90,311. 6 Claims. (Cl. 196—139.)



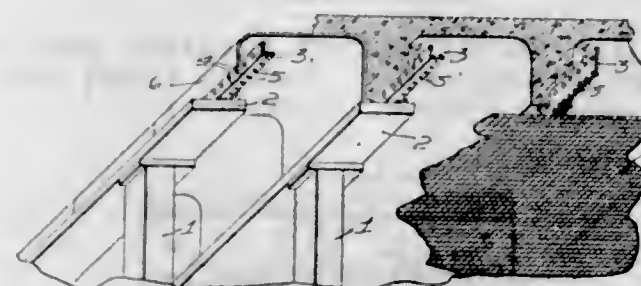
1. In a dephlegmator for removing entrained liquid from hydrocarbon vapors, a casing, and a plurality of alternately arranged upwardly and downwardly extending baffles in said casing forming a tortuous course having successive upwardly and downwardly directed portions, said baffles being arranged to vary intermittently the velocity of the vapor and liquid and being inclined with respect to said casing whereby to provide an extended course in the casing.

1,646,449. OIL-DISTILLATION PROCESS. EDWARD C. D'YARMETT, Kansas City, Mo., assignor of one-half to O. K. Herndon, Kansas City, Mo. Filed Dec. 16, 1926. Serial No. 155,208. 6 Claims. (Cl. 196—125.)



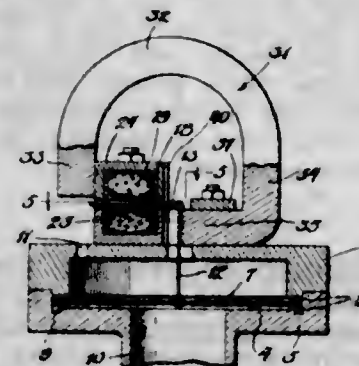
6. The process of distilling liquid hydrocarbons which consists in continuously causing the liquid to flow longitudinally through a container having a heated surface, progressively increasing the heat longitudinally of the container in the direction of oil flow, moving by convection the travelling liquid in a plurality of local cyclic circulations over said heated surface whereby the advancing liquid in said circulations repeatedly passes over said progressively heated surface in defined cyclic streams and the produced vapors and heavier liquid fractions commingle, the path of said circulations being disposed substantially vertically and transversely of the longitudinal path of travel and drawing off vapors from above the circulating liquid.

1,646,450. BUILDING CONSTRUCTION. WILLARD G. FORKEY, Chicago, Ill. Filed Sept. 22, 1926. Serial No. 137,096. 4 Claims. (Cl. 72—101.)



1. A device of the type described comprising a form for supporting concrete flooring while said flooring is hardening, a hanger having a vertically extending member and a horizontally extending member disposed upon said form, said vertically extending member having relatively large openings therein, said horizontally extending member having relatively small openings therein, and means for securing said hanger to said form.

1,646,451. LOUD-SPEAKER UNIT. LESTER H. FRONK, Salt Lake City, Utah. Filed Apr. 23, 1926. Serial No. 104,080. 3 Claims. (Cl. 175—339.)

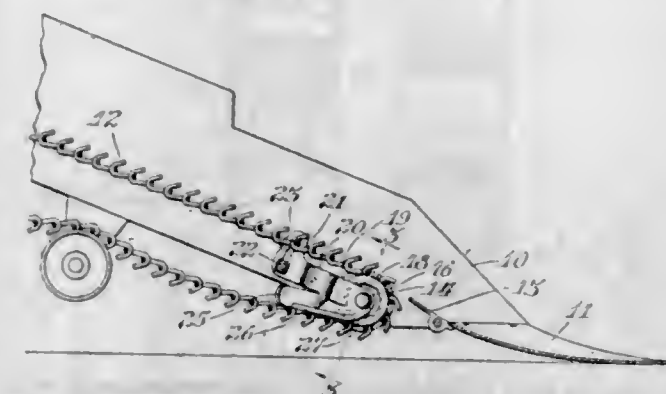


1. An armature mounting for loud speaker units, comprising a support, a pair of clamping members secured in spaced parallel relation to said support, an armature post-

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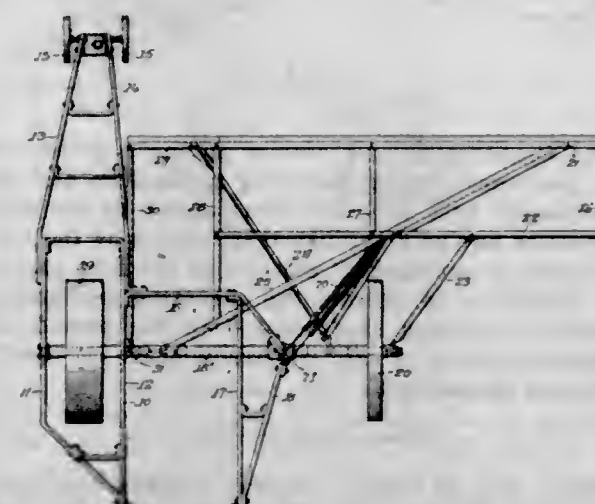
tioned between said clamp members, and a wire member rigidly secured to said armature in its central portion and having the terminal thereof rigidly secured to said clamp members.

1,646,452. STONE SHIELD FOR CONVEYER SUPPORTS. BARNEY GRONKE, Chicago, Ill., assignor to International Harvester Company, a Corporation of New Jersey. Filed Nov. 26, 1924. Serial No. 752,291. 6 Claims. (Cl. 198—230.)



4. The combination with a digger comprising side walls and an endless conveyer having its lower end passing over rollers journaled on supports on the inner faces of said walls; of shielding means mounted between the runs of the conveyer and protecting the rear portions of the rollers, said shields comprising deflecting wings extending inwardly from the edges of the conveyer, and means for adjusting said wings towards and from the lower run of the conveyer.

1,646,453. HARVESTER THRASHER. REX B. HITCHCOCK, Hoosick Falls, N. Y., assignor to International Harvester Company, a Corporation of New Jersey. Filed Feb. 13, 1919. Serial No. 278,708. 6 Claims. (Cl. 56—123.)

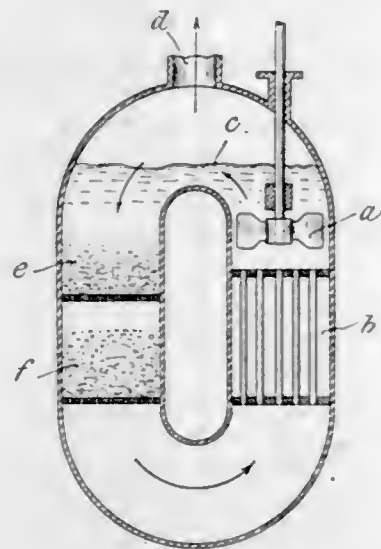


3. In a harvester, an adjustable platform, a conveyer mounted in said platform, a cross-conveyer, an elevator conveyer, and means for adjusting all of said conveyers with respect to each other when said platform is adjusted.

1,646,454. METHOD OF SEPARATING TWO OR MORE SUBSTANCES FROM A SOLUTION. ISAK ISAACHSEN, Christiania, Norway, assignor, by mesne assignments, to A/S. Krystal, Christiania, Norway. Filed Feb. 26, 1923. Serial No. 621,418, and in Norway Mar. 29, 1922. 3 Claims. (Cl. 23—1.)

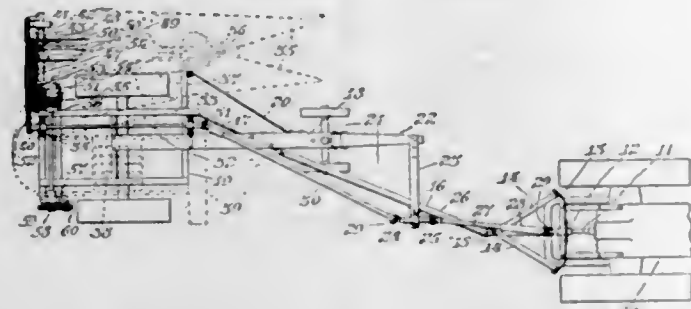
1. A process of separating a plurality of substances in coarse granular form from solution, comprising the steps of supersaturating the solution with more than one sub-

stance, causing the solution thereafter to flow into and through collections of granules of more than one of said substances, each granule of said collections consisting of



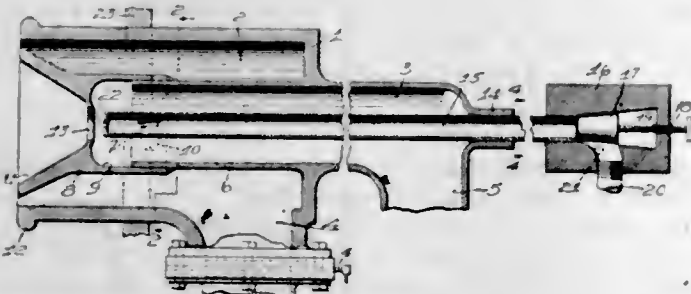
only one of said substances, and maintaining said collections of substances apart from the place wherein supersaturation with said substances is effected.

1,646,455. POWER DRIVE FOR HARVESTERS. ANDREW L. JOHNSON and ROBERT M. MITCHELL, Chicago, Ill., assignors to International Harvester Company, Chicago, Ill., a Corporation of New Jersey. Filed Aug. 5, 1925. Serial No. 48,236. 9 Claims. (Cl. 56-10.)



1. The combination of a tractor having a power shaft, with a harvester having gathering mechanism and treating mechanism, said harvester being drawn by the tractor, the harvester having a through-shaft driven by the tractor power shaft, a second shaft parallel to the first shaft and driven therefrom to operate the gathering mechanism, a transversely arranged shaft geared to the second shaft, and means operated by said transverse shaft for operating the treating mechanism.

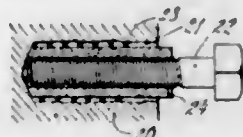
1,646,456. OIL BURNER. GUSTAV NOREEN and CARL V. NEWQUIST, Chicago, Ill. Filed Dec. 27, 1926. Serial No. 157,295. 1 Claim. (Cl. 158-76.)



A device of the type described comprising a housing having an open end, a cylindrical portion centrally disposed in said housing and integral therewith, said cylin-

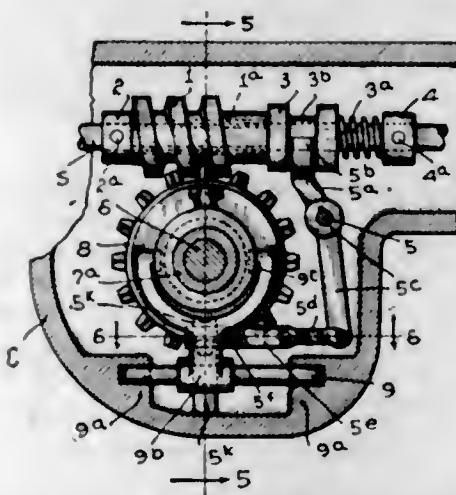
dric portion extending through and beyond said housing, said cylindrical portion forming a relatively large air compartment in said housing and a relatively small air compartment therein, an inlet for said relatively large air compartment, means for controlling the passage of air through said inlet, a pin rigidly mounted upon said cylindrical portion, a burner head having a bayonet slot in one end thereof adapted to receive said pin for removably securing said burner head to said cylindrical portion, the other end of said burner head being conical-shaped and extending outwardly to a position in alignment with the open end of said housing, an oil tube centrally disposed in said cylindrical portion and provided with a relatively small opening in one end thereof, the relatively small opening in said oil tube being in alignment with the central opening of said burner head, the other end of said oil tube being provided with a valve, and means for moving said valve toward or away from said oil tube for varying the amount of oil passing there-through.

1,646,457. ANCHORAGE. JOHN EDWARD OGDEN, Mountainville, N. Y. Filed June 11, 1921. Serial No. 476,046. 12 Claims. (Cl. 72-105.)



9. An anchorage comprising a hollow non-elastic member of relatively hard material and a filling of relatively soft, ductile material disposed within said member and adapted to force said member outwardly.

1,646,458. SAFETY CLUTCH RELEASE. ROSS H. PRATT, Washington, D. C. Filed Dec. 4, 1926. Serial No. 152,650. 7 Claims. (Cl. 192-150.)

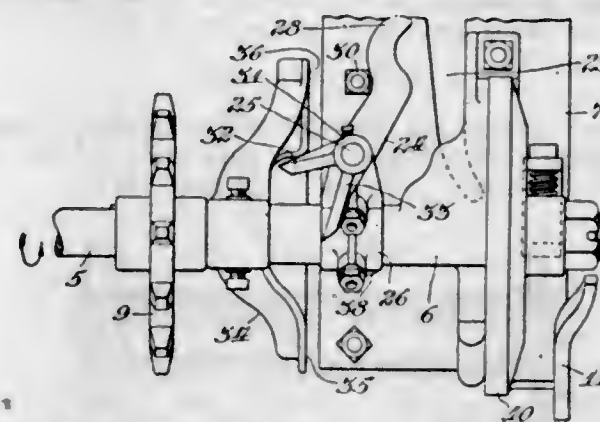


1. A power transmission of the class described including driving and driven members, operative connection there-between comprising a worm-gear carried by the driven member adapted for engagement with a drive worm carried by the driving member and longitudinally movable thereon, a clutch connection between said worm-gear and the driven member, and operative connections between the drive-worm and said clutch to disengage the clutch upon longitudinal movement of the worm.

1,646,459. COMBINED TUCKER AND STRIPPER FOR BINDING MECHANISMS. CLEMMA R. RANEY, Riverside, Ill., assignor to International Harvester Company, Chicago, Ill., a Corporation of New Jersey. Filed Aug. 18, 1924. Serial No. 732,661. 16 Claims. (Cl. 56-458.)

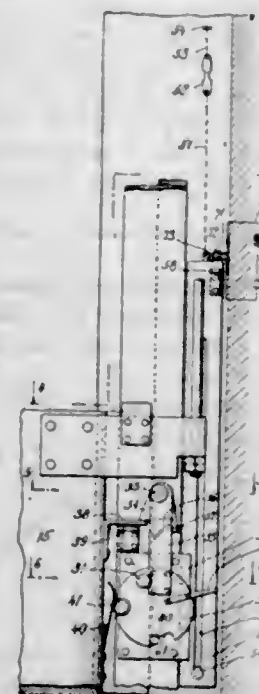
1. In a binding mechanism, a knottor shaft, knottor mechanism including a knottor hook actuated thereby, a

second shaft movable in timed relation with the knottor mechanism, and a single member movable with said sec-



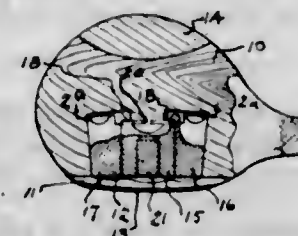
ond shaft for tucking binding twine against the knottor hook and stripping the binding twine from the knottor hook at the completion of the tying operation.

1,646,460. CONTROL MECHANISM FOR DOORS. EZRA B. SMITH, Ravenswood, Ill., assignor to John Edward Ogdan, Mountainville, N. Y. Filed Dec. 11, 1922. Serial No. 606,277. 9 Claims. (Cl. 189-48.)



1. In combination, a movable hatchway door biased to close, mechanism, normally disconnected from the door and disposed in unlatching position, for latching the door in open position, means engageable with said latching mechanism and operable upon movement of the door to open position to move said mechanism from its unlatching position to its latching position when the door is open and means controlled by a heat controlled element for moving said latching mechanism to unlatching position.

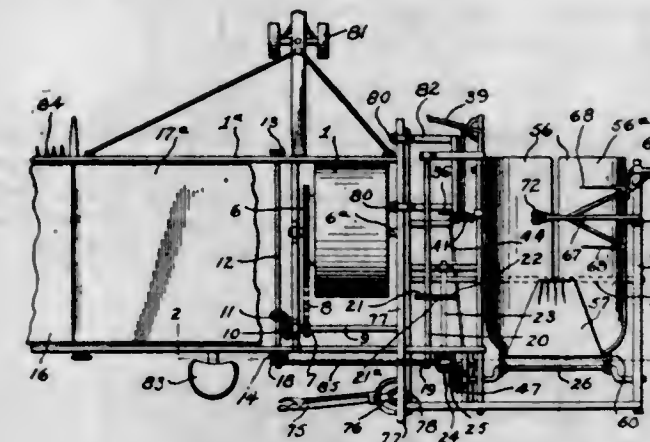
1,646,461. GAME CLUB. WALTER B. SO RELLE, New York, N. Y., assignor to Yardmore Golf Club Manufacturing Company, New York, N. Y., a Corporation of Delaware. Filed June 8, 1923. Serial No. 644,072. 2 Claims. (Cl. 273-77.)



1. A game club having an insert in its striking face, which insert has a central section provided with a base of larger area than the area of the insert on the strik-

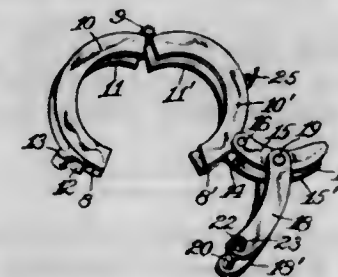
ing face and which comprises a plurality of angularly disposed inserts arranged to provide a wedging action adapted to retain them in position, one of said inserts being grooved for cooperation with another, and a cementitious material for retaining said inserts in position.

1,646,462. HARVESTER AND STOOKER. CHESTER E. STEARNS and CHARLES H. VOGEL, Carstairs, Alberta, Canada. Filed Aug. 3, 1921. Serial No. 489,618. 7 Claims. (Cl. 56-402.)



1. In a combined binder and stooker, a concave receiver divided at the bottom to receive the sheaves for a stook, means for turning the forward end of the receiver downward for the purpose of depositing the sheaves on the ground in the form of a stook, and means for spreading the two parts of the receiver by gravity at the lower end for the purpose of straddling the stook as the machine moves forward.

1,646,463. PIPE COUPLING. HORACE STOKESBERRY, Gullford Township, Hendricks County, Ind. Filed May 8, 1925. Serial No. 28,915. 3 Claims. (Cl. 285-129.)

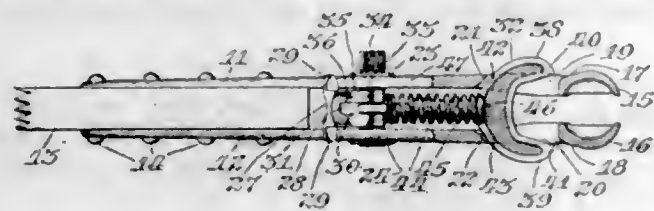


1. In a pipe coupling, the combination of a pair of curved clamp band parts hinged together at one end, one of the pair of parts having a lug adjacent to the opposite end thereof, the other one of the pair of parts having an ear adjacent to the opposite end thereof, a lever pivoted at one end to the ear, and a yoke pivoted at one end to the lever and having an eccentric bolt adjustably connected thereto at the opposite end thereof to be connected to said lug.

1,646,464. PITMAN CONNECTION. JOHN STURROCK, Chicago, Ill., assignor to International Harvester Company, Chicago, Ill., a Corporation of New Jersey. Filed Mar. 13, 1922. Serial No. 543,212. 4 Claims. (Cl. 287-89.)

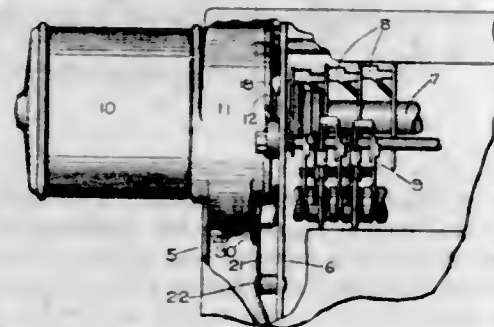
1. In a pitman connection, a pitman having resilient straps, said straps having registering slots, a clamping member having a shank rigidly fixed thereto and at an angle to the plane thereof, said member being adapted to protrude through said straps and slidably engage said straps, said member having therein a walled slot, a crank

member pivoted to said straps and connected to said clamping member, a spring disposed between said crank and said clamping member, and means including the walls



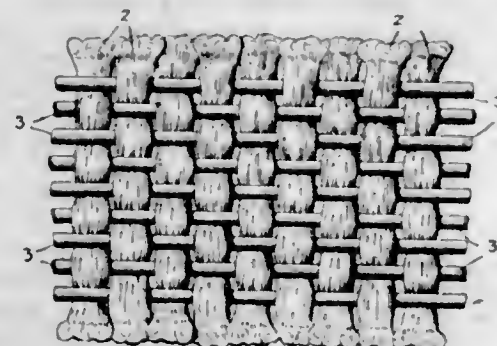
of the slot in said clamping member for limiting the yielding movement of said clamping member and preventing the accidental spreading of said straps.

1,646,465. POWER MECHANISM. RUSSELL G. THOMPSON and CHESTER W. CRUMRINE, Rochester, N. Y., assignors, by mesne assignments, to North East Appliances, Inc., Rochester, N. Y., a Corporation of New York. Filed Mar. 30, 1927. Serial No. 179,629. 1 Claim. (Cl. 235-82.)



The combination, with a calculating machine comprising a frame and a drive-shaft journaled thereon, of reducing and reversing gearing having a driven shaft, a housing enclosing the gearing, a motor rigidly attached to and supported by said housing and with its shaft connected with the gearing to drive the same, means securing said housing removably to the frame of the machine, with the driven shaft in alignment with the drive-shaft of the machine, coupling means connecting said shafts, a gear-controlling member movable within the housing, and means, for moving said member, extending to the outside of the housing and cooperable with a control-member of the calculating machine.

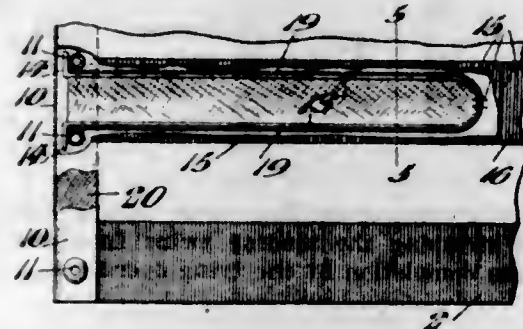
1,646,466. FABRIC FOR GASKETS. EDWARD J. TRAINOR, Brooklyn, N. Y., assignor to Asbestos Spinning and Weaving Corporation, New York, N. Y., a Corporation of New York. Filed Sept. 9, 1921. Serial No. 499,558. 3 Claims. (Cl. 139-425.)



1. A packing comprising wire warp strands and weft strands, the weft strands each consisting of a metallic core and a twisted asbestos yarn wrapped about the core in convolutions, the wire warp strands being under sufficient tension to clamp the weft strands only at the points

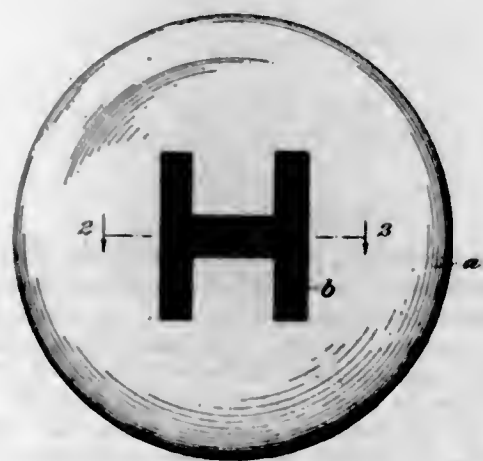
of contact sufficiently to prevent the relative movement of the weft cores and the surrounding fibrous material whereby the balance of the fibrous material located between the warp strands is comparatively loose.

1,646,467. FLAG OR PENNANT SPREADER. ROBERT T. WALTON, Philadelphia, Pa. Filed Oct. 12, 1926. Serial No. 141,042. 3 Claims. (Cl. 116-174.)



3. In a device of the character stated, a flag staff, a clamp member of semi-circular shape having opposed flanges, said member being freely rotatable upon said staff, a flag having a pocket to receive a spreader, said flag having an edge inserted between said flanges, a spreader having its free ends inserted between said flanges, said spreader being relatively U-shaped with its open end arranged opposite said clamp member and being entirely concealed in said pocket, and means passing through said flanges for clamping said flag and spreader to place.

1,646,468. DECORATED GLASS OBJECTS AND METHOD OF PROTECTING THE DECORATED SURFACES. KALMAN WARGA, New York, N. Y., assignor to Pyrocolor Corporation, New York, N. Y., a Corporation of Virginia. Filed Apr. 2, 1924. Serial No. 703,827. 2 Claims. (Cl. 41-33.)

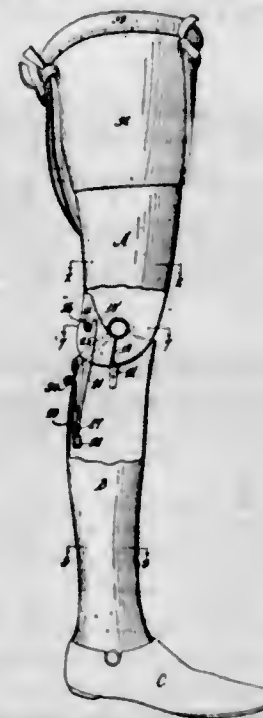


1. The method of decorating glass objects and protecting the decoration which consists in printing the color design on the surface by decalcomania transfer, applying a coating of weather and acid-proof enamel over the color and then heating the glass to a temperature sufficient to fire the color, the material of the color and of the enamel having been previously so compounded as to fuse at a temperature below the fusing point of the glass.

1,646,469. ARTIFICIAL LIMB AND METHOD OF MAKING SAME. EDWIN R. WILLIAMS, Philadelphia, Pa. Filed Sept. 10, 1924. Serial No. 736,821. 5 Claims. (Cl. 3-2.)

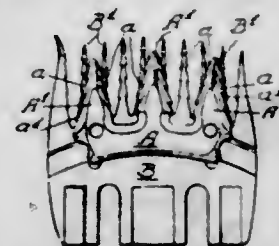
1. An artificial limb comprising a hollow thigh element having an aperture in its lower and rear portions, and a pair of plates within said thigh secured to the opposite edges of said apertures, a pin extending between the dia-

metrically opposite side walls of said thigh element adjacent to said aperture and through said plates, a shin element, a member extending within said shin and nor-



mally engaging said pin, resilient means connecting said member to said shin, whereby a predetermined relative position is normally maintained between said elements.

1,646,470. SHEARING BLADE FOR SHEEP SHEARS AND THE LIKE. HORACE C. WRIGHT and FRANCIS G. BRISTOW, Sydney, New South Wales, Australia, assignors to Chicago Flexible Shaft Company, a Corporation of Illinois. Filed Oct. 24, 1925. Serial No. 64,500. 1 Claim. (Cl. 30-1.)

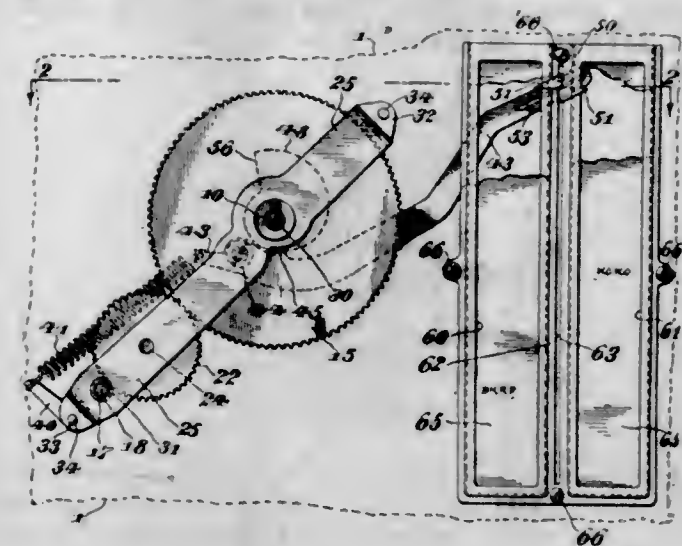


A shear member for sheep shears and the like having shear teeth tapered widening rearwardly, and having in the rearwardly diverging sides angular serrations intersecting the shearing face and rendering the cutting edges of the shear teeth toothed, the planes of the forward surfaces of said serrations being at rearwardly-pointing acute angles to said rearwardly diverging sides of the shear teeth, the teeth produced by said serrations of the co-operating shear teeth of the cutter and comb respectively being relatively staggered for alternating from front to rear along the length of said cutter and comb teeth to cause the points of the serration teeth of each of said shearing members to cross the outwardly-facing slopes of the serration teeth of the other member intermediate the length of said slopes; whereby fibers encountered and engaged between the cutter and comb teeth are exposed to the draw cut along said slopes of the serrations and are driven into an angle of the serrations of one or the other of said co-operating shear members after exposure to the draw cut for not more than half the length of said slopes.

1,646,471. STATION-RECORDING MEANS FOR RADIO RECEIVING DEVICES. ARNO ZILLOWS, Narberth, Pa., assignor to Music Master Corporation, Philadelphia, Pa., a Corporation of Delaware. Filed Dec. 9, 1924. Serial No. 754,767. 4 Claims. (Cl. 250-40.)

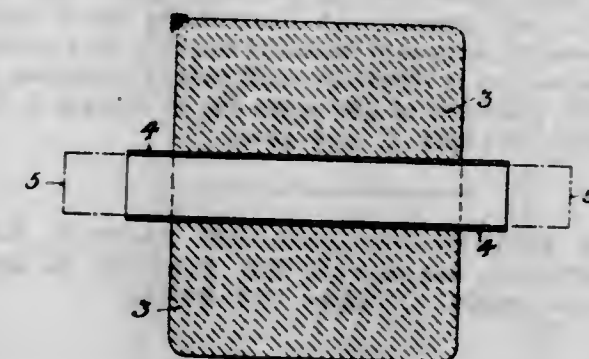
3. Station recording means for radio signal receiving apparatus comprising, in combination, a device which is adjustable to adapt the said apparatus to intercept elec-

tric waves from distant broadcasting stations, a rotatable shaft for adjusting said adjustable device, a lever pivoted at one end in adjacent relation to said shaft, the said lever extending transversely of and beyond said shaft and being provided with a slot extending longitudinally of its outer end portion, an indicating device slidably mounted



within said slot, means carried by said rotatable shaft for effecting pivotal movements of the said lever, means whereby said indicating device may be caused to move in a vertical plane, and means associated with said indicating device whereby the position of the same at any desired adjustment of the said adjustable device may be recorded.

1,646,472. COLLAPSIBLE HOLDER FOR YARN PACKAGES. JOSEPH BRANDWOOD, Waban, Mass. Filed Nov. 30, 1925. Serial No. 72,307. 1 Claim. (Cl. 242-118.)



As a central holder for a yarn cheese, a tube of permeable fabric said tube being of the same diameter throughout and the whole of said tube being collapsible transversely and longitudinally responsively to any lateral and longitudinal pressure applied to a plurality of cheeses when fitted with the holders to form the said plurality of cheeses into a yarn mass as even and compact of yarn as a single cheese.

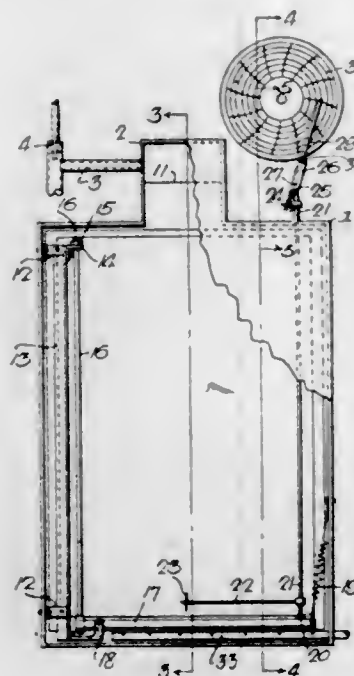
1,646,473. AUTOMOBILE BUMPER. FREDERICK G. BREMER, Pittsburgh, Pa., assignor to United States Chain & Forging Company, Pittsburgh, Pa., a Corporation of Delaware. Filed Oct. 8, 1926. Serial No. 140,292. Renewed May 20, 1927. 11 Claims. (Cl. 293-55.)



1. Bumper structure, comprising a pair of vertically spaced parallel bars, plates at each side of the mid portion thereof, means for securing the plates to said bars

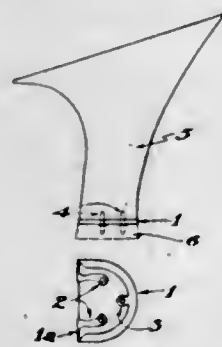
and to a bumper support, and tie bars secured to said plates and the extremities of said bars, the tie bars being disposed in parallelism with the first named bars.

1,646,474. RECORDER AND INDICATOR. HOWARD M. BROWN, Philadelphia, Pa. Filed June 29, 1922. Serial No. 571,690. 30 Claims. (Cl. 265-44.)



1. In an instrument for determining the relative densities of gases, the combination with an element movable under the effect of differential gas pressures exerted on opposite sides thereof, of an indicator operatively connected with said element, and compensating means operatively connected with said indicator whereby the accuracy of the indications is relatively unaffected by variations in the relative pressures of said gases due to changes in the temperature of either of said gases.

1,646,475. BINDING FOR SHOE-HEEL FACINGS. JAKE N. CRASILNECK, San Antonio, Tex. Filed Feb. 23, 1926. Serial No. 90,026. 2 Claims. (Cl. 36-34.)

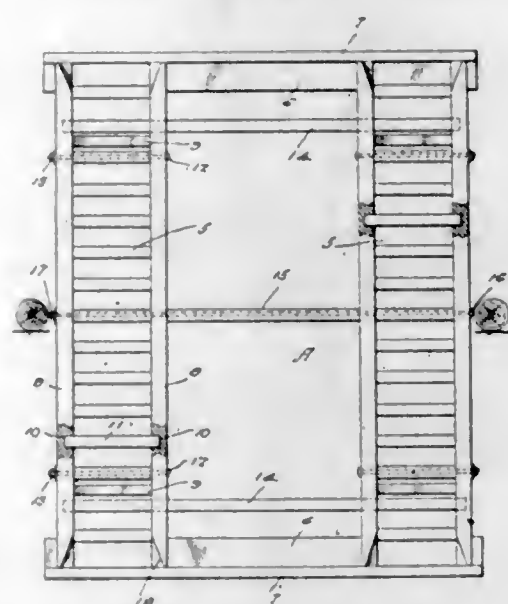


1. In a binding for shoe heel facings, a flexible metal band adapted to embrace the heel of a shoe and a facing therefor at the lower edge of the heel, the said band being conformable to the external configuration of the heel and of a length to project over a portion of the breast face of the heel.

1,646,476. STOCK GUARD. IRA E. CUMPTON and Lisle N. PYZER, Tryon, Nebr. Filed Dec. 20, 1926. Serial No. 155,941. 2 Claims. (Cl. 39-5.)

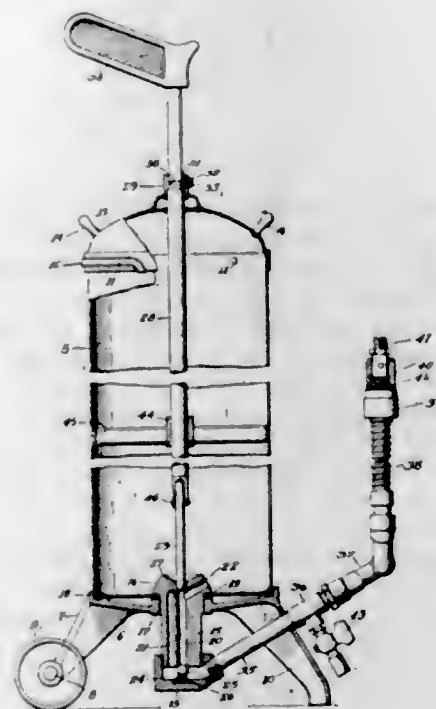
1. In a stock guard of the character described, a pair of parallel track units, each of which consists of a pair of side boards having spaced registering sockets in opposed

surfaces, bars securely arranged at their ends in registering sockets, elongated bars extending through the units adjacent opposite ends thereof for preventing inward movement of the units with respect to each other, a bar ar-



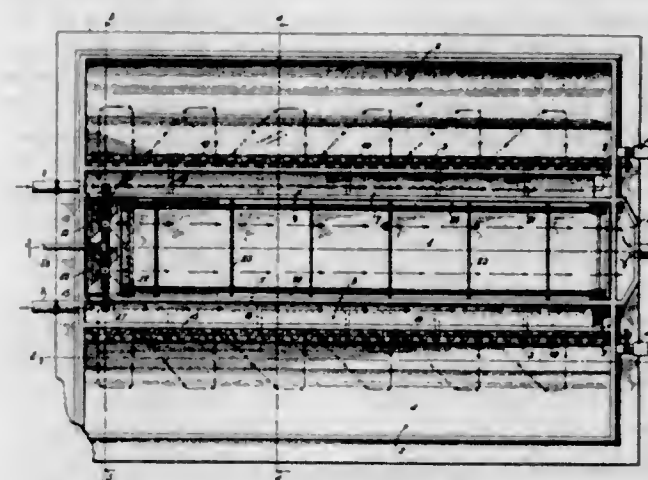
ranged between the units at the center thereof, and an elongated locking rod extending through said units and said bar for preventing outward movement of the units with respect to each other.

1,646,477. LUBRICANT-DISPENSING DEVICE. ERNEST W. DAVIS, Oak Park, and FRANK D. REYNOLDS, Hubbard Woods, Ill., assignors to The Bassick Manufacturing Company, Chicago, Ill., a Corporation of Delaware. Filed Nov. 8, 1924. Serial No. 748,637. 7 Claims. (Cl. 221-47.1.)



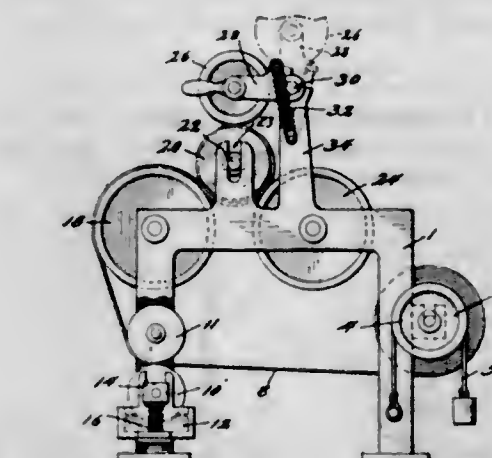
6. A lubricant dispensing device comprising a lubricant receptacle, a high pressure cylinder having an inlet port communicating with said receptacle, plunger means for expelling the contents of said cylinder, a valve chamber at the discharge end of said cylinder, a valve closing the discharge end of said cylinder in position to lie close to said plunger means at the end of its stroke, and a bypass for establishing communication between said valve chamber and said cylinder at a point adjacent the inlet port of said cylinder.

1,646,478. SEWAGE-PURIFYING DEVICE. HENRY E. ELROD, Santa Monica, Calif. Filed June 10, 1926. Serial No. 115,086. 8 Claims. (Cl. 210-2.)



1. In a sewage purifying apparatus, a long chamber, a vertical longitudinal partition dividing said chamber into two compartments, an opening between the bottom of said partition and the bottom of the chamber, an inlet for sewage at one end of said chamber, an outlet at the other end, and means for throwing sludge and sewage from one compartment in a spray over into the other compartment.

1,646,479. METHOD OF MAKING TUBES. LOUIS T. FREDERICK, Valparaiso, Ind., assignor to Fibroc Insulation Company, Valparaiso, Ind., a Corporation of Indiana. Filed Aug. 13, 1923. Serial No. 657,182. 2 Claims. (Cl. 93-81.)

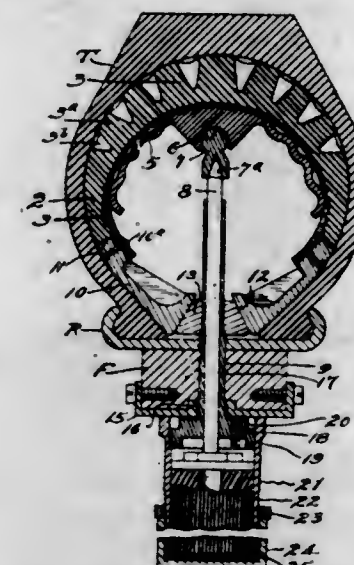


1. The method of making tubes which includes applying a thin coating of adhesive to a sheet of paper which is calendered or glazed to such an extent that it will prevent for a considerable period penetration of the adhesive into the body of the paper and winding the sheet upon a mandrel whereby to avoid stretching the paper during the formation of the tube.

1,646,480. TIRE FILLER. AUGUSTUS J. HARPSTRIE, Los Angeles, Calif. Filed June 22, 1926. Serial No. 117,754. 3 Claims. (Cl. 152-29.)

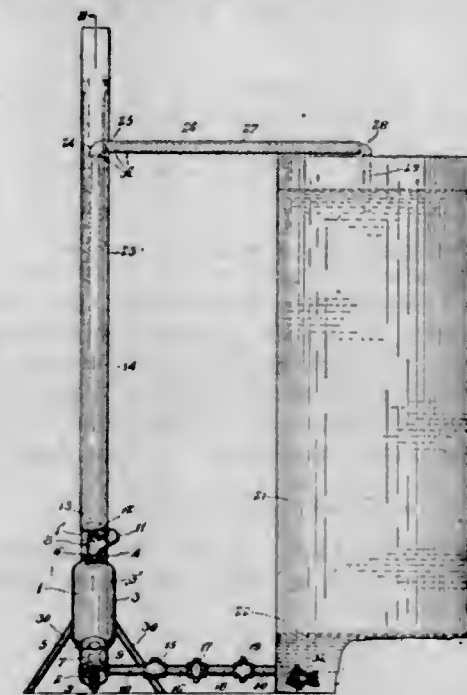
2. The combination, in a vehicle wheel, of a felly carrying a carcass, a continuous pad lining the carcass, a series of close backers for the pad, guide tubes mounted in the felly and extending out toward the backers, barrels

having outer sections attached to the bases of the tubes and having adjustable inner sections, non-metallic cushion



bodies wholly enclosed in the barrels, and jack stems slidably supported in the tubes and being thrust outward by the said bodies to support the backers.

1,646,481. OIL-PURIFYING APPARATUS. FORREST H. HODGE, Lodi, Ohio. Filed Mar. 6, 1926. Serial No. 92,694. 5 Claims. (Cl. 196-5.)

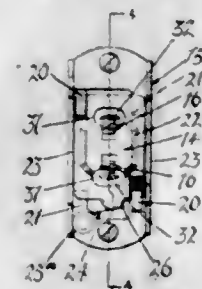


1. Oil-purifying apparatus, comprising an oil reservoir, a fire box, a water jacket surrounding the directly heated portion of said fire-box, a pipe communicating at one end with the reservoir and at the other end with the lower end of the water jacket, a burner disposed within said fire-box, a smoke stack, a water stand pipe disposed entirely within the said stack, means for connecting the stand pipe with the upper end of said water jacket, and means connecting the upper end of the stand pipe within the stack and leading to and within the upper end of the reservoir.

1,646,482. ELECTRICAL-FIXTURE-SUPPORTING DEVICE. CHARLES L. HOPKINS, River Forest, Ill., assignor to Benjamin Electric Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed May 20, 1921. Serial No. 471,108. 5 Claims. (Cl. 173-330.)

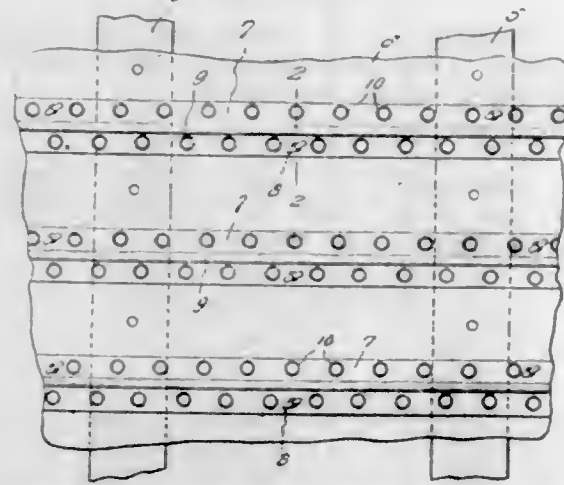
1. Means for electrically connecting a fixture with respect to a receptacle, and mechanically connecting and supporting the fixture with respect to the receptacle, said means comprising a supporting plate, a connecting member, and a plug-in device mounted for bodily sliding move-

ment on said member, said member and plate being provided with interengaging means whereby said member may be connected to said plate by movement toward said



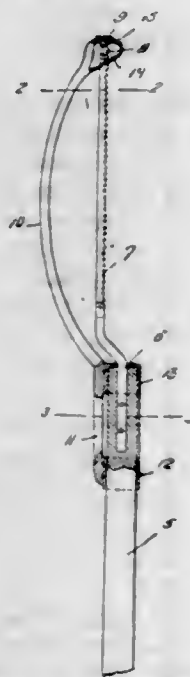
receptacle and laterally with respect thereto, and yielding means mounted on the member and acting on the plug for holding the member in connected position.

1,646,483. LATHING SHEET. RASMUS N. JENSEN, Salt Lake City, Utah. Filed Nov. 22, 1926. Serial No. 150,076. 1 Claim. (Cl. 72-116.)



A lathing for plastering comprising a sheet of flexible paper, or any other suitable material, transverse lath strips arranged on one face of the sheet, and means for holding said strip in spaced parallel relationship, each strip being of an elongated formation having a longitudinally extending outwardly struck bead along its median longitudinal dimension, and portions alongside of the bead being struck therefrom to form jagged edged collars.

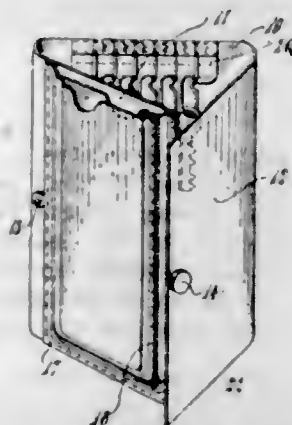
1,646,484. PRUNING SAW. AUSTIN ENOS KNESS, Audubon, Iowa. Filed Nov. 6, 1926. Serial No. 140,060. 2 Claims. (Cl. 30-11.)



1. In a pruning saw of the class described, a handle, a saw blade rigidly connected at one end to the handle, a

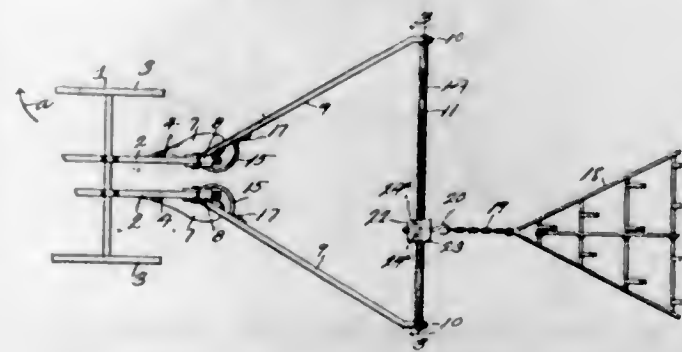
straining frame, means on the inner end of the frame whereby the same can be rotatably attached to the adjacent end of the handle, means associated with the outer ends of the frame and saw blade respectively, to permit the frame to be rotated around the blade to position the same at various angles with respect to the cutting edge of the blade, said means comprising a circular head on the outer end of the blade, a circular plate on the outer end of said head, a pair of laterally extending spaced plates formed on the outer end of said frame, the innermost plate being disposed at an incline, said plates having openings for receiving the circular head on the outer end of the blade, the circular plate on the outer end of the circular head engaging the outer face of the outermost laterally disposed plate.

1,646,485. POCKET KEY CASE. CHARLES LORBER, Louisville, Ky. Filed Nov. 1, 1926. Serial No. 145,522. 6 Claims. (Cl. 150-40.)



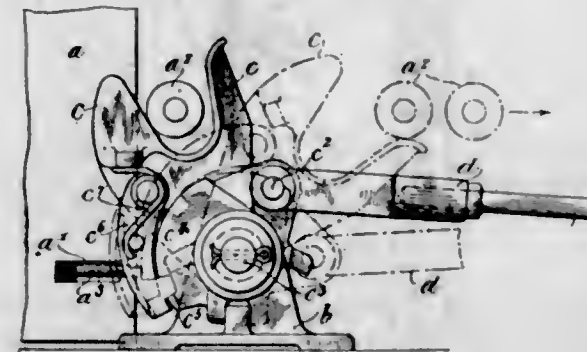
1. In combination, a key case body having a back portion and side flaps one of which is foldable over on the front side of the back portion with the back surface of the body in front and the other of which is foldable over the first flap, and a pocket secured to the back surface of the first flap and adapted to be entirely covered by the second flap upon folding the second flap thereover.

1,646,486. HARROW ATTACHMENT FOR PLOWS. GEORGE LYTLE, Parma, Idaho. Filed May 22, 1926. Serial No. 110,928. 2 Claims. (Cl. 97-5.)



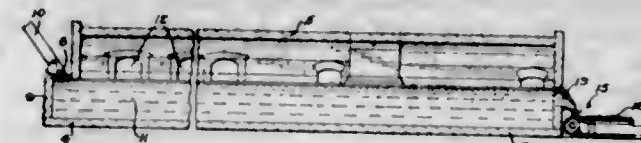
1. The combination with adjacent plow beams movable in vertical longitudinal planes, a harrow disposed rearwardly of the plow beams, of a draft connection between said plow beams and harrow, said connection comprising rearwardly diverging arms carried by the beams, spaced transversely disposed guide rods connecting the ends of the diverging arms, means whereby the ends of said guide rods will lower or raise with the movement of the plow beam, a trolley hitch mounted on the guide rods, said trolley hitch comprising spaced pairs of grooved rollers engaging the forward sides of the guide rods, a draft hook carried by said trolley and extending rearwardly between the pairs of rollers and guide rods and a connection between said draft hook and the harrow.

1,646,487. ELEVATOR. HAROLD V. MCCORMICK, Long Beach, N. Y., assignor, by means assignments, to Shur-Loe Elevator Safety Corporation, Newark, N. J., a Corporation of New Jersey. Filed Nov. 20, 1926. Serial No. 150,700. 2 Claims. (Cl. 187-47.)



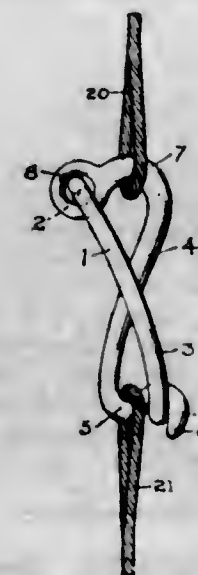
1. In an elevator, the combination of a movable door, a forked lever engaged by the door in its closed position and adapted to swing to release the door, a locking member normally movable with the forked lever, a locking device to prevent movement of such locking member, and a releasable connection between the forked lever and the locking member operable to release the forked lever for independent movement when the locking member is locked against movement.

1,646,488. PROCESS FOR FORMING SHEET GLASS. THOMAS C. MCKINLEY, Charleston, W. Va., assignor to Libbey-Owens Sheet Glass Company, Toledo, Ohio, a Corporation of Ohio. Filed Jan. 18, 1926. Serial No. 81,925. 7 Claims. (Cl. 49-83.1.)



1. That step in the process of producing a glass article, consisting in forming a molten source of supply from cullet only.

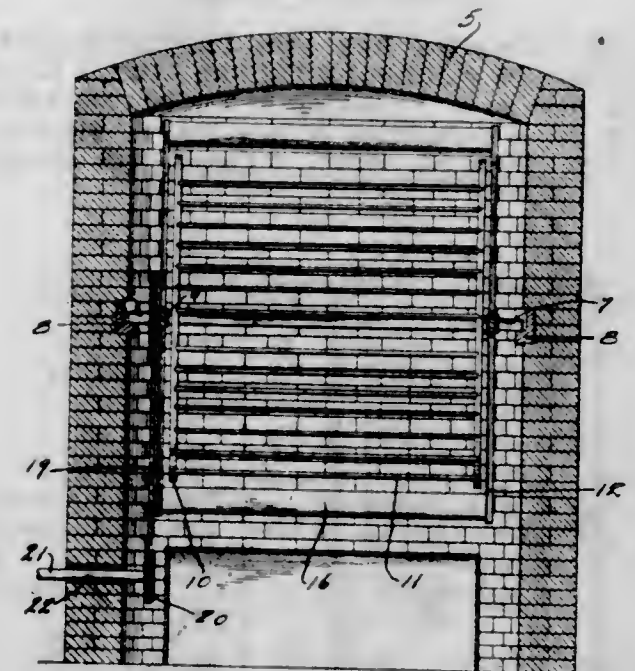
1,646,489. CABLE COUPLER. GEORGE OLIVER, Seattle, Wash. Filed Jan. 12, 1926. Serial No. 80,789. 3 Claims. (Cl. 24-232.)



1. A cable coupler, comprising a yoke, having a flattened bight portion, and a hooked member, having a shank provided at one end with a hook terminating in an eye, and

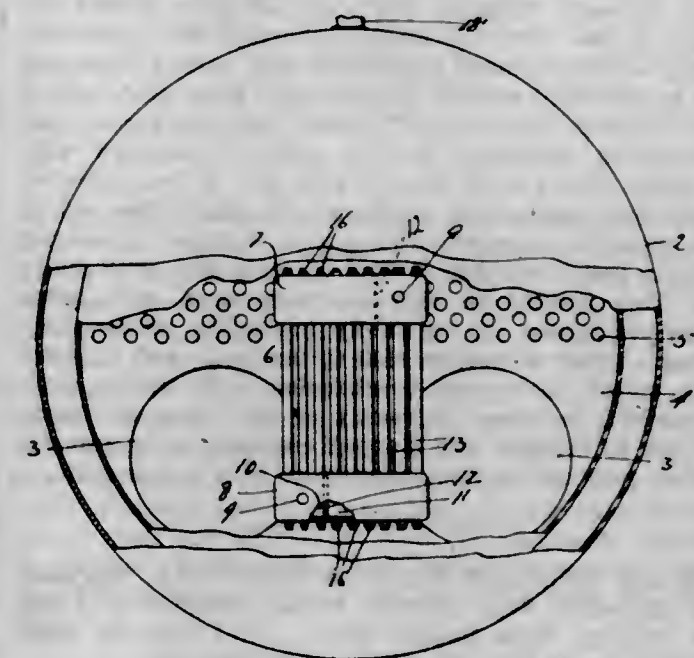
at the other end with a reversely curved hook terminating in another hook curved in reverse relation to the second-named hook, said member having a swinging engagement with the portion through said eye and a detachable engagement with the yoke through the third-named hook.

1,646,490. OVEN AND DRIER. IRA M. PETERSIME, Gettysburg, Ohio. Filed Dec. 20, 1923. Serial No. 681,814. 6 Claims. (Cl. 34-39.)



1. A device of the character described comprising a housing, a drum like container positioned within said housing, agitating means adapted to rotate about said container, and means for rotating said agitator.

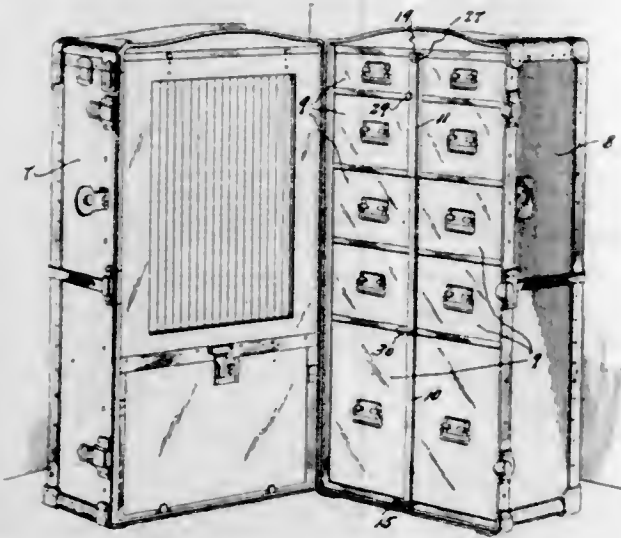
1,646,491. FEED-WATER HEATER. WALTER W. PHILLIPS, Philadelphia, Pa. Filed July 5, 1923. Serial No. 649,641. 2 Claims. (Cl. 122-414.)



1. The combination with a boiler including a combustion chamber and the surrounding water compartment, of a heater located within the combustion chamber and having communicating chambers of different capacities, an inlet pipe leading from a source of feed water supply to one chamber of the heater, an outlet pipe leading from another chamber of said heater to the water compart-

ment of the boiler, flood lines forming communications between the water compartment of the boiler below the normal water level thereof and said inlet and outlet pipes and check valves controlled by the water pressure to maintain the flood lines in closed condition during circulation of the feed water and to automatically open said flood lines upon reduction of pressure in said feed water circulation to permit boiler water to flood the heater in order to prevent damage to said heater due to heat in the combustion chamber.

1,646,492. LOCKING BAR FOR DRAWER-HOLDING SECTIONS OF WARDROBE TRUNKS. HYMAN RAUCHBACH, Newark, N. J., assignor to The Rauchbach-Goldsmith Co., a Corporation of New Jersey. Filed Apr. 29, 1925. Serial No. 26,593. 3 Claims. (Cl. 45-94.)

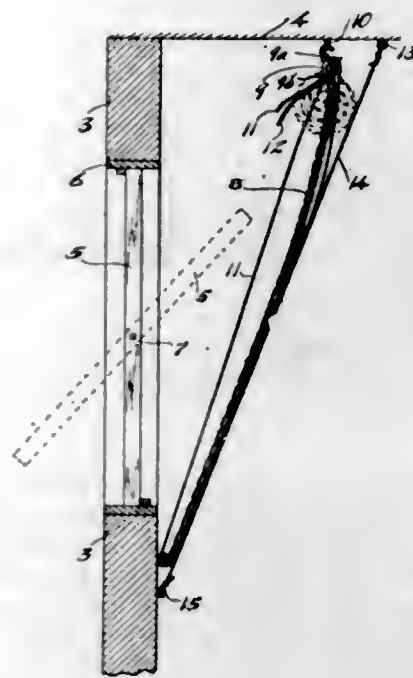


1. In a wardrobe trunk, one member of which constitutes a drawer holding section provided with removable drawers, a detachable locking bar for extension across the outer faces of said drawers, a fixed anchor plate connected with the lower end wall of said trunk section, said anchor plate having a transverse slot of a width less than the width of said locking bar, said locking bar having a laterally indented notch in one side thereof adjacent to its lower extremity whereby said extremity may be hooked through the slot of said anchor plate and thus be anchored against displacement when said locking bar is swung to operative vertical position across said drawers, an extensible member slidably connected with the upper free end of said locking bar, a key-controlled spring latch mechanism carried at the upper free end of said extensible member, and means in fixed connection with the upper end wall of said trunk section with which said latch mechanism may be interlocked, said latter means comprising an outwardly projecting striker plate having a socket to receive said spring latch, and a keeper plate spaced above and overhanging said striker plate with which the upper extremity of said extensible member may be brought into stopped engagement to properly position said spring latch relative to said striker plate.

1,646,493. CURTAIN GUIDE AND SUPPORT. ZACHARY E. RUSSELL, Sauk Rapids, Minn., assignor to Clyde W. Warren, Sauk Rapids, Minn. Filed Mar. 19, 1925. Serial No. 16,633. 2 Claims. (Cl. 156-16.)

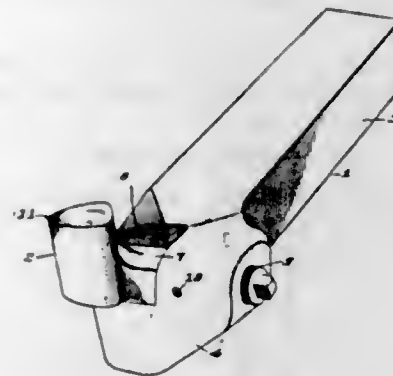
1. A structure for a flexible curtain disposed adjacent a swinging window, comprising a pair of upper supports for the top of the curtain disposed inwardly from and above said window, a curtain adapted to be rolled up carried by said supports, and curtain guiding and supporting members comprising a single pair of wires disposed respectively adjacent each side of the curtain and secured at their upper ends to points spaced inwardly

from said upper supports, said wires being taut and extending downward rectilinearly towards said window in an inclined direction and secured at their lower ends be-



low said window to form a comparatively sharp angle with the wall containing said window whereby said curtain may wedge in said angle.

1,646,494. TOOL HOLDER WITH SIDE CLAMP. OLE SEVERSON, Shelton, Conn., assignor to The O. K. Tool Company, Inc., New York, N. Y., a Corporation of New York. Filed Dec. 18, 1924. Serial No. 756,722. 7 Claims. (Cl. 29-99.)

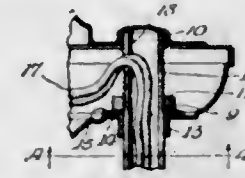


1. A cutting tool, comprising a holder for mounting in a support, a detachable cutting member mounted in one end of said holder, a plunger movable horizontally and transversely with respect to the holder for engaging a side of said cutting member, said side extending longitudinally of said holder, said plunger having a limited movement in said holder, and a screw-member secured to the holder and engaging the plunger for forcing it into clamping engagement with the cutting member to hold it securely in position and to prevent any rotative or rectilinear movement thereby.

1,646,495. LIGHTING FIXTURE. ERIC T. SAMUELSON, Chicago, Ill., assignor to R. Williamson & Company, Chicago, Ill., a Corporation of Illinois. Filed Mar. 17, 1926. Serial No. 95,176. 7 Claims. (Cl. 240-78.)

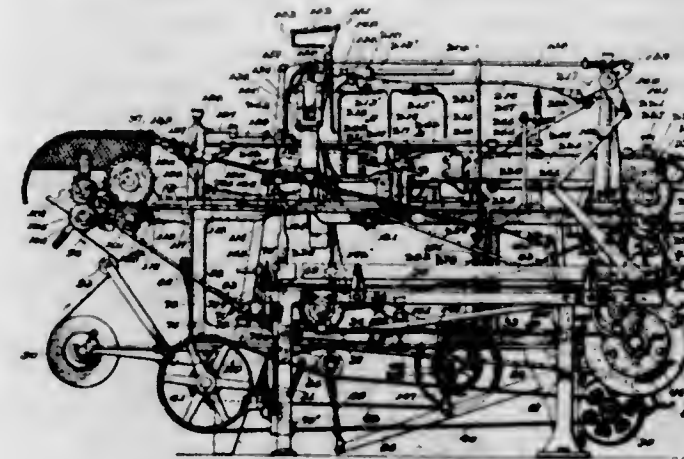
1. A lighting fixture comprising a body having a socket and an opening therein, an arm arranged outside of said

body and having its upper end projecting upwardly through said opening and seated in said socket, means ar-



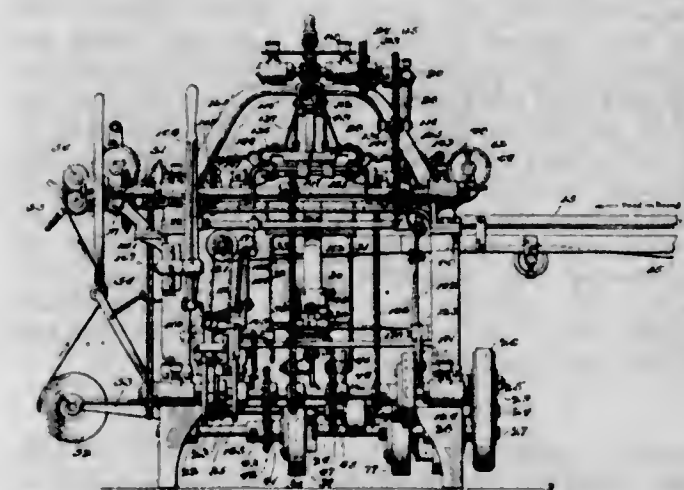
ranged on the arm to engage the lower end of said body and means arranged on said arm and within said body for rigidly securing said arm thereto.

1,646,496. WRAPPING MACHINE. OSCAR SANDBERG, Battle Creek, Mich., assignor to Johnson Automatic Sealer Co., Ltd., Battle Creek, Mich., a Partnership Association, Limited. Filed Jan. 23, 1923. Serial No. 614,447. 46 Claims. (Cl. 93-2.)



1. In a device of the character described, a source of paper supply, a vertically movable elevator, means for feeding a predetermined size of paper over said elevator, and a bodily movable bridging member reciprocable across the elevator space to support the paper as it is fed across said space.

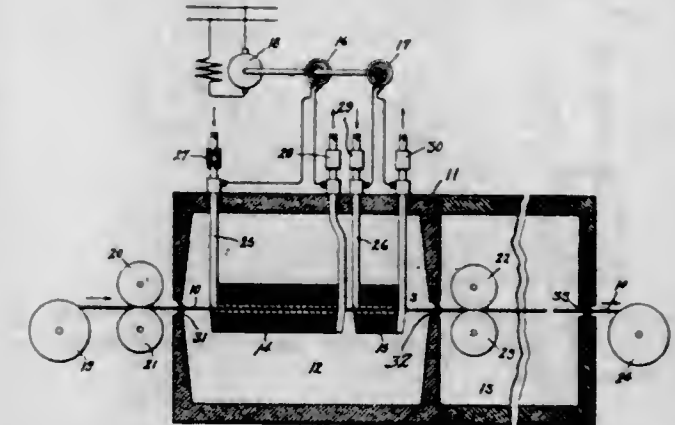
1,646,497. WRAPPING MACHINE. OSCAR SANDBERG, Battle Creek, Mich., assignor to Johnson Automatic Sealer Co., Ltd., Battle Creek, Mich., a Partnership Association, Limited. Filed Jan. 23, 1923. Serial No. 614,448. 24 Claims. (Cl. 93-7.)



1. In a device of the character described, the combination of an endless conveyor for cartons, means for feeding wrappers to the cartons above the latter, means for applying a strip of glue to the wrapper at the rear thereof, and means for folding a wrapper about each

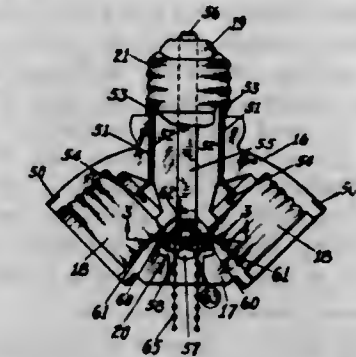
carton, said means including a member for turning the rear portion of the wrapper up against the bottom of the carton with the glue strip disposed outwardly.

1,646,498. ELECTRIC HEATING. JOHN A. SEED, Schenectady, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Dec. 29, 1925. Serial No. 78,227. 9 Claims. (Cl. 219-47.)



1. The method of heating resistors, which consists in subjecting the resistor to the action of a plurality of alternating magnetic fields of different frequencies, the field of higher frequency being used to complete the heating operation.

1,646,499. ELECTRIC SOCKET. HYMAN SHAPIRO, Brooklyn, N. Y., assignor to Morris Propp and Louis Propp, trading under the firm name The M. Propp Co., New York, N. Y. Original application filed Feb. 6, 1925, Serial No. 7,207. Divided and this application filed July 20, 1926. Serial No. 123,602. 4 Claims. (Cl. 173-336.)

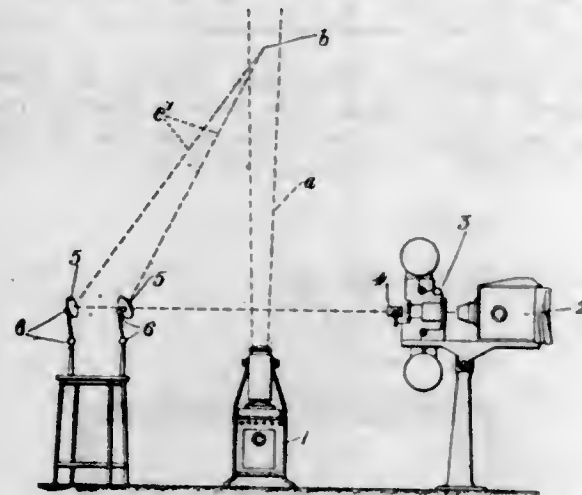


1. A duplex socket including a pair of complementary sections of molded insulating material cooperating to provide a pair of sockets, terminal devices in the sockets, switching mechanism intermediate the sockets and controlling one terminal member of each socket, said switching mechanism including a rotatable switch carrier having a series of switch arms mounted thereon and adapted to contact with the terminals in the socket, said switch arms being so arranged that in any position of the rotary member, one of them is always in contact with one of the terminals and in one position of the rotary member two of them are in contact with the terminals whereby the circuits of the sockets may be simultaneously closed or either circuit may be optionally closed with the other open.

1,646,500. ADVERTISING SIGN. JACOB SIDDER, Sidcup, England, assignor, by mesne assignments, to International Skywriters Limited, Toronto, Canada, a Company of Ontario. Filed Mar. 26, 1925, Serial No. 18,409, and in Great Britain June 2, 1924. 7 Claims. (Cl. 88-24.)

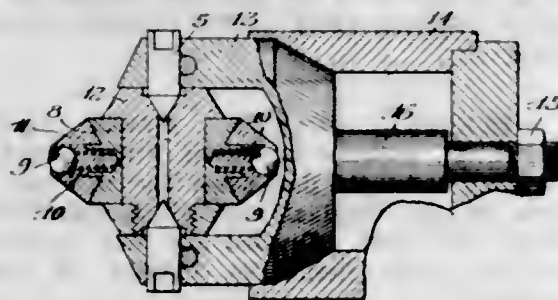
1. In apparatus for projecting a sign or picture into space, means for projecting a plurality of beams of light

into space in such directions that they intersect at a common point, one of said beams being of contrasting colour to the other beams, means being provided for projecting



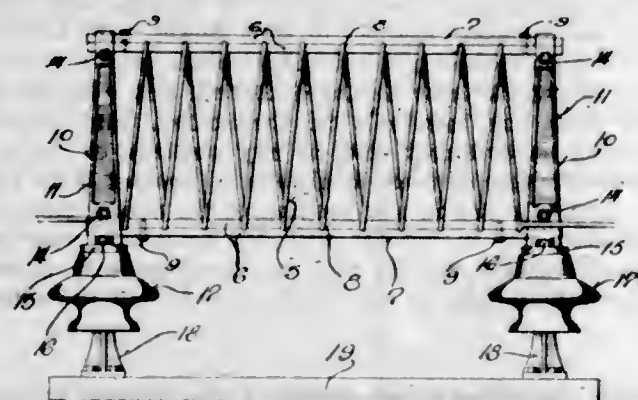
by means of these other beams common advertising or other matter and superimposing such common matter at said common point.

1,646,501. DRESSING WHEEL. ALTON P. SLADE, Rochester, N. Y., assignor to Gleason Works, Rochester, N. Y., a Corporation of New York. Filed Sept. 5, 1924. Serial No. 736,995. 3 Claims. (Cl. 125-39.)



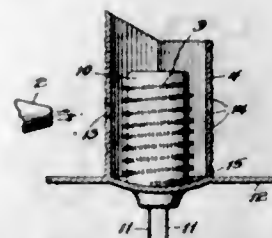
1. A dressing wheel comprising a carrier having a series of radially extending tubular retainers with openings in their side walls, spring receiving openings of reduced diameter extending inwardly from the tubular retainers, diamonds located in said tubular retainers, with their outermost points spaced equally from the axis of the wheel, coil springs located in said reduced openings and engaging the inner surfaces of the diamonds, and a binder surrounding and filling the tubular retainers and spring openings and acting to hold the diamonds in position.

1,646,502. CHOKE COIL. ALWIN G. STEINMAYER, Milwaukee, Wis., assignor to Line Material Company, South Milwaukee, Wis., a Corporation of Wisconsin. Filed Oct. 29, 1924. Serial No. 746,639. 3 Claims. (Cl. 175-350.)



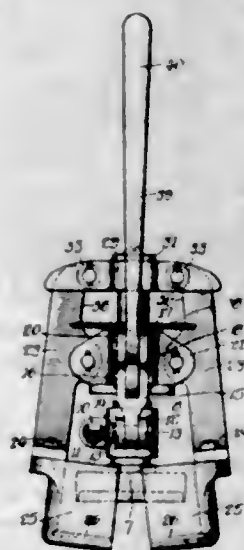
1. An appliance of the character described, comprising a pair of insulated mountings, end supports secured to the mountings and each including a pair of complementary clamping members, a pair of spacing members having their ends detachably secured between the clamping members of each support, and a coil having its turns passed through said spacing members.

1,646,503. BURNER IGNITER. ALDEN AARON STEWARD, Rutland, Vt. Filed Oct. 6, 1923. Serial No. 686,998. 4 Claims. (Cl. 158-28.)



1. A burner igniter consisting of a laterally apertured upright box, a refractory body rising from the bottom of the box, and an incandescent element coiled around the refractory body the coil extending downward to the bottom of the box so as to ignite oil thereon before it can accumulate.

1,646,504. MACHINE FOR SEALING CAPS TO JARS AND CANS. SWAN NILS TEVANDER, Maywood, Ill., assignor to Swan Metallic Seal & Cap Company, a Corporation of Illinois. Filed Mar. 17, 1923. Serial No. 625,832. 3 Claims. (Cl. 226-86.)

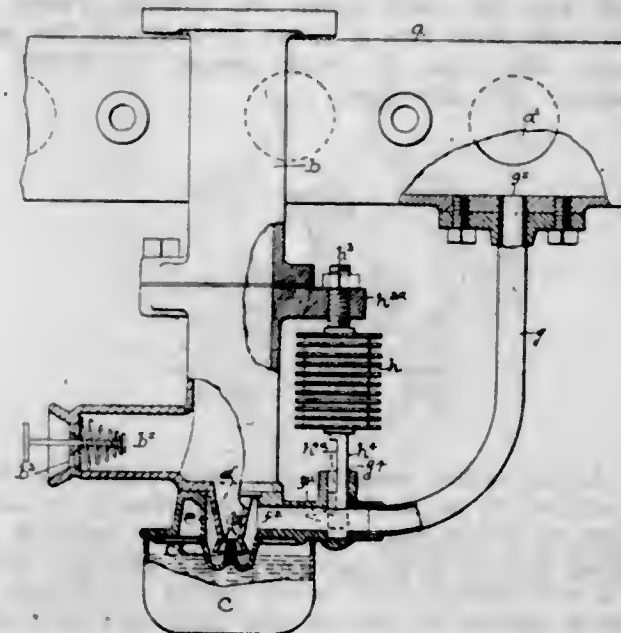


1. In a device of the class described the combination with a head block adapted to be seated on the top of a cap mounted on a jar, of a post member fixed in vertical relation to the said head block, detachable means for securing said head block to said post, a cross member fixed to the said post member at the upper region thereof, cam rollers mounted in the ends of said cross member, vertically arranged lever arms pivotally mounted intermediate their ends and having cam shaped ends at their upper ends adapted to engage the said cam rollers and provided at their other ends with semicircular jaws secured to the said lever arms, detachable means for securing said jaws to the said lever arms, a sliding block mounted to slide on the said post member toward and from the said head block, two bell crank actuating levers symmetrically mounted about the said post member and hinged to the said sliding block, links hinged to said levers, a hinge pin block having lugs connected to said links and screw threaded for vertical adjustment on an externally threaded portion of said post and means for clamping said hinge pin block to said post.

1,646,505. CHARGE-FORMING DEVICE FOR INTERNAL-COMBUSTION ENGINES. HORACE T. THOMAS, Lansing, Mich. Original application filed June 22, 1920, Serial No. 390,762. Divided and this application filed Dec. 27, 1924. Serial No. 758,476. 2 Claims. (Cl. 123-119.)

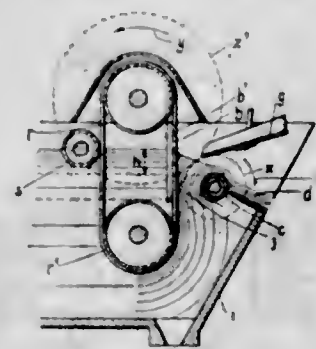
1. In a charge-forming device for internal combustion engines, the combination of an intake passage, means for delivering liquid fuel in said passage, an exhaust passage,

said intake passage being extended to communicate by a substantially closed passage with said exhaust passage



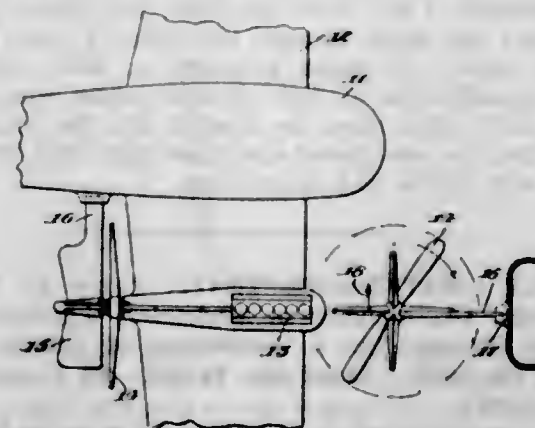
upon the side of the delivery point for fuel remote from the engine, and thermostatically-controlled means for admitting air to said closed passage.

1,646,506. METHOD AND APPARATUS FOR SEPARATING MATTER OF DIFFERENT SPECIFIC GRAVITIES. HUGO VELTEN, Halberstadt, Germany. Filed Sept. 17, 1926, Serial No. 136,098, and in Germany Sept. 28, 1925. 6 Claims. (Cl. 209-158.)



6. A method of separating granular materials by an air current comprising providing a fluid current of constant velocity in a passage, moving the walls of the passage in the same direction as said fluid current and approximately at the same speed, scattering the granular material in said current and separately discharging the particles suspended in the current and those which sink therein.

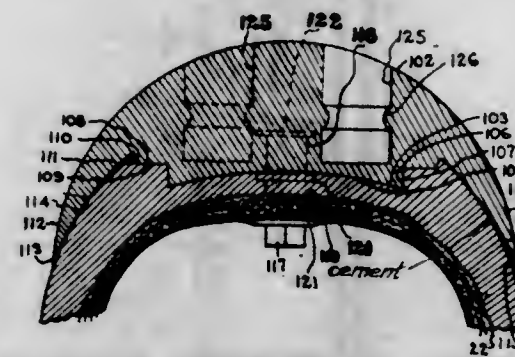
1,646,507. COUNTER PROPELLER FOR AIR PROPELLER-DRIVEN CRAFT. RUDOLF WAGNER, Hamburg, Germany. Filed Oct. 10, 1925, Serial No. 61,724, and in Germany Mar. 14, 1925. 5 Claims. (Cl. 244-14.)



1. A counter propeller device for craft which are driven by a main propeller on a propeller shaft, comprising a

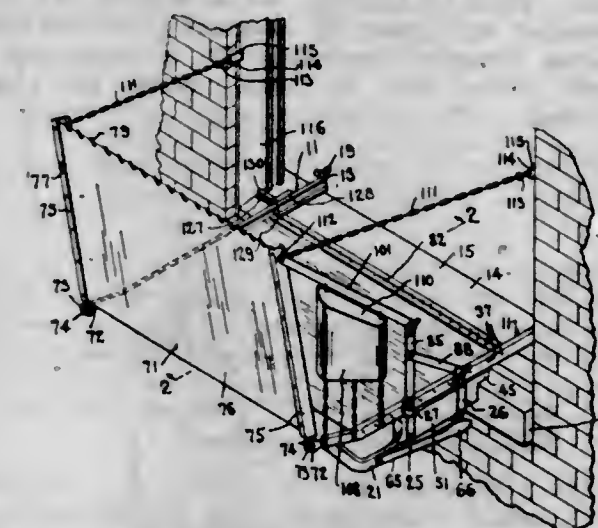
counter propeller journaled on the main propeller shaft in the path of the rotary air outflow from the main propeller, and a connection between the counter propeller and the craft body for taking up the turning moment of the counter propeller, the connection being constructed to permit adjustment movements of the main propeller shaft.

1,646,508. VEHICLE WHEEL. CHARLES C. WAIS, Cincinnati, Ohio, assignor of one-half to Albert C. Wais, Wyoming, Ohio. Filed Aug. 12, 1920. Serial No. 403,090. 4 Claims. (Cl. 152-17.)



2. A casing of a tire for a vehicle wheel comprising a resilient imbedding portion, and friction plugs respectively provided with a peripheral recess, an axial hole and a cross perforation communicating with said hole, said friction plugs vulcanized in said imbedding portion with said imbedding portion located in said recess, said axial hole and said cross perforation.

1,646,509. SAFETY WINDOW SEAT. CHARLES C. WAIS, Cincinnati, Ohio, assignor of one-half to Albert C. Wais, Wyoming, Ohio. Filed Mar. 19, 1925. Serial No. 16,763. 2 Claims. (Cl. 304-24.)

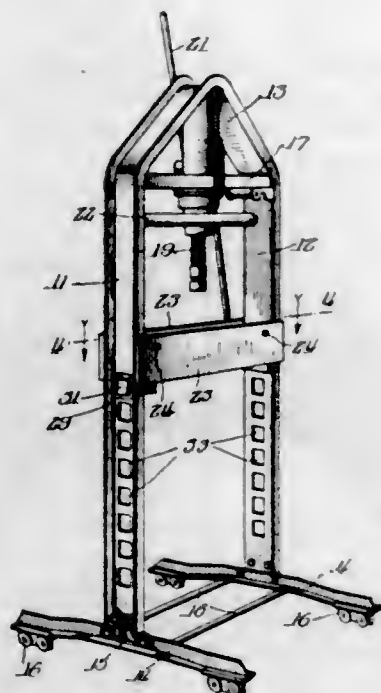


2. In a device of the character described, the combination of a seat-frame, rearwardly projecting holding means at the front end of said seat-frame arranged for being received under the inner ledge of a window-sill, said seat-frame provided with guideways at its respective sides, blocks in said guideways arranged to cooperate with the window-sill, and means for moving said blocks in said guideways toward and from said window-sill comprising toggle-links and an arm for operating the latter, said toggle-links having articulations at their respective ends with said seat-frame and said blocks.

1,646,510. FORCING-PRESS BOLSTER-ADJUSTING CONSTRUCTION. GAILARD E. WEAVER, Springfield, Ill., assignor to Weaver Manufacturing Company, Springfield, Ill., a Corporation of Illinois. Filed Oct. 7, 1925. Serial No. 61,154. 5 Claims. (Cl. 29-85.)

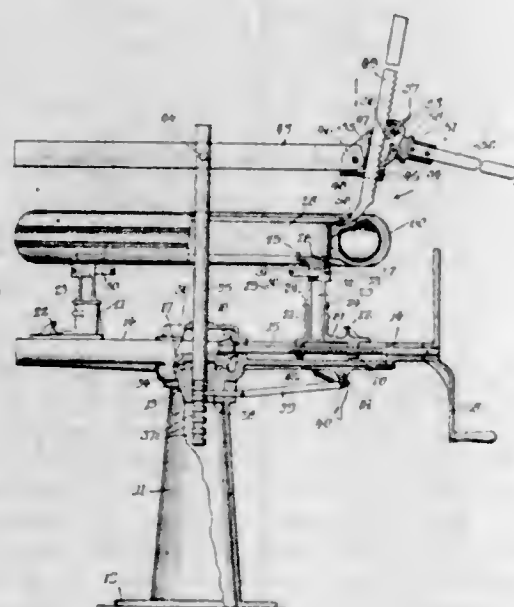
4. In a press structure of the character described, the combination of a frame having spaced columns having

webs with registering series of apertures, a bolster, and bolster-supporting members movably mounted on the bolster and adapted while so mounted on the bolster to be



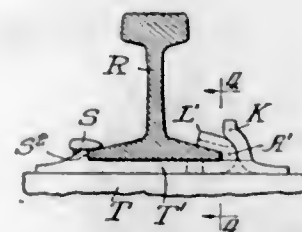
projected into any pair of said apertures to sustain the bolster and to be withdrawn therefrom to permit adjustment of the bolster.

1,646,511. TIRE CHANGER. IRA A. WEAVER and JOHN STERNAMAN, Springfield, Ill., assignors to Weaver Manufacturing Company, Springfield, Ill., a Corporation of Illinois. Filed Mar. 23, 1925. Serial No. 17,461. 14 Claims. (Cl. 157-8.)



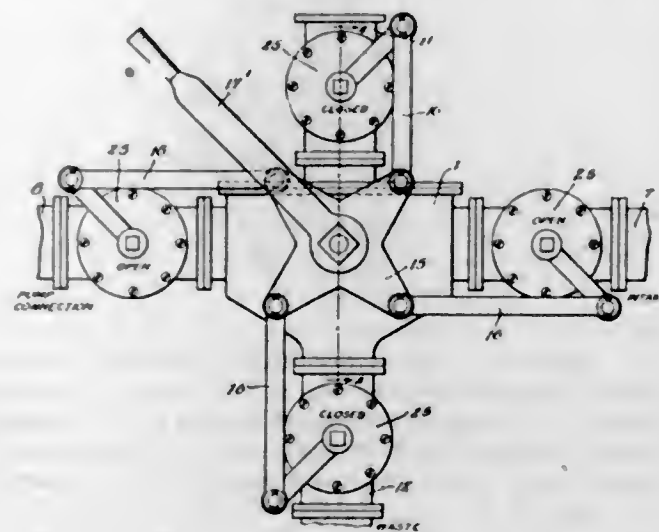
1. In a tire-changer, the combination of a support, main rim-clamping jaws on said support, means to expand and contract said jaws, supplemental rim-clamping jaws movable with said main jaws and designed to clamp a rim in a position different from one clamped by said main jaws, and means to remove a tire from a rim while the latter is clamped by said supplemental jaws.

1,646,512. ANTICREEPER FOR RAILWAY RAILS. WILLIAM S. WESTON, Dallas, Tex. Original application filed Aug. 28, 1924, Serial No. 734,622, Patent No. 1,572,455, dated Feb. 9, 1926. Divided and this application filed Sept. 19, 1925. Serial No. 57,338. 16 Claims. (Cl. 238-304.)



1. A rail anchor comprising a flange-embracing clamp and adapted to be strained on installation in a manner tending to rotate the same and thereby establish and maintain a lever grip upon one of the rail base flanges and a rail seating plate having means for holding the clamp in position on the rail base flange and also having abutments on opposite sides of the clamp and cooperating therewith to resist creeping of the rail in either direction.

1,646,513. WATER-LINE TRAP. JOHN R. WINTON, Chicago, Ill., assignor to Mechanical Appliance Company, Chicago, Ill., a Corporation of Illinois. Filed Apr. 18, 1925. Serial No. 24,016. 3 Claims. (Cl. 210-167.)

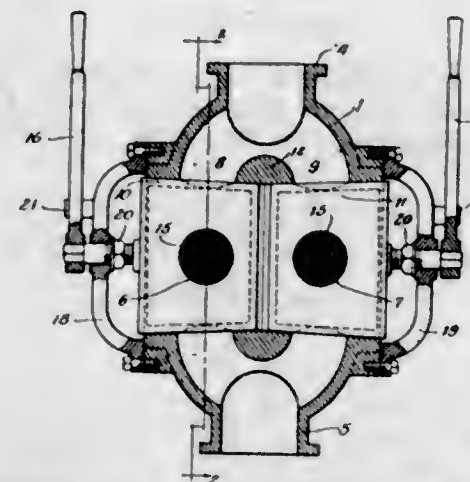


1. A water line trap comprising a casing, intake and outlet lines for said casing, a supply line connected to the top of said casing, a discharge line connected to the bottom of said casing, a screen arranged in said casing and disposed vertically to the intake and outlet so that the underside of the screen obstructs the inflow of water and filters the water through the outlet, a valve in each of said lines, and means arranged on said casing and pivotally connected to each of said valves whereby the intake and outlet lines are opened and the supply and discharge lines are closed simultaneously with the opening of said intake and outlet lines.

1,646,514. WATER-LINE TRAP. JOHN R. WINTON, Chicago, Ill., assignor to Mechanical Appliance Company, Chicago, Ill., a Corporation of Illinois. Filed Apr. 18, 1925. Serial No. 24,017. 10 Claims. (Cl. 210-168.)

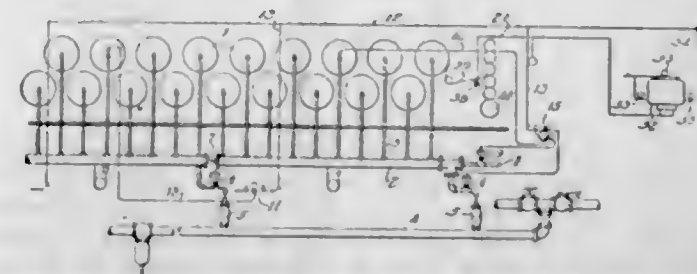
1. A trap adapted to be placed in a water-line, said trap being provided with two branches for said water-line, a second water-line passing through said trap and

having two branches intersecting the respective branches of said first line, screen valves at the intersections of



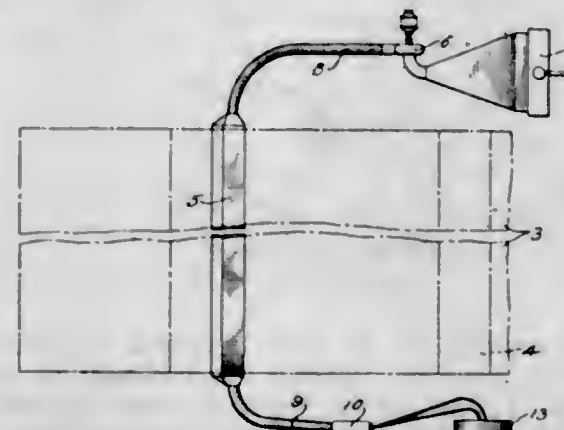
said branches, and means for operating the valves to divert water through either branch of one line when the other branch is closed.

1,646,515. MOISTURE-CONTROLLING DEVICE. GEORGE STANFORD WITHAM, Jr., Hudson Falls, N. Y. Filed Feb. 17, 1922, Serial No. 537,328. Renewed Apr. 28, 1927. 15 Claims. (Cl. 84-48.)



3. The method of drying paper on heated cylinders or the like, which consists in supplying a heating medium to all of the cylinders from a common source, controlling the supply thereof to certain of the cylinders by means responsive to the temperature of one of them and to the humidity at the face of the paper, and independently controlling the supply of heating medium to other cylinders by means responsive to the temperature of one of these other cylinders and to the humidity at the face of the paper.

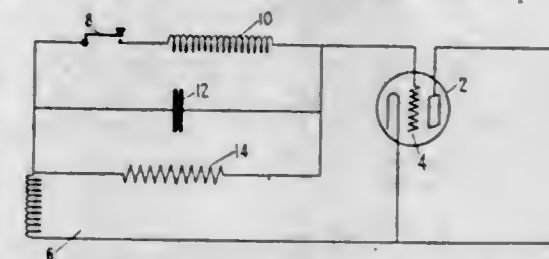
1,646,516. MOISTURE MEASURING AND RECORDING APPARATUS. GEORGE S. WITHAM, Jr., Hudson Falls, N. Y. Filed Feb. 14, 1924. Serial No. 692,689. 13 Claims. (Cl. 73-24.)



6. A material testing device of the character described, comprising a plurality of conductors each having an open side arranged adjacent to and substantially closed by said material for subjecting currents of gas passing through said conductors to intimate contact with different portions, respectively, of the surface of said material, gas circu-

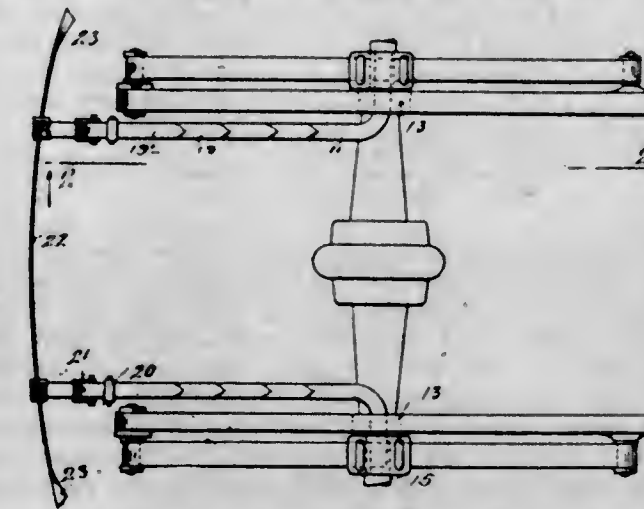
lating means for producing said currents, and closure means for said conductors, respectively, for directing said gas currents therethrough, selectively.

1,646,517. KEY CIRCUIT FOR TUBE SENDERS. WILLY ZELETZKI, Berlin, Germany, assignor to Gesellschaft für Drahtlose Telegraphie m. b. H., Hallesches, Berlin, Germany, a Corporation of Germany. Filed Mar. 26, 1923, Serial No. 627,576, and in Germany Apr. 19, 1922. 1 Claim. (Cl. 250-19.)



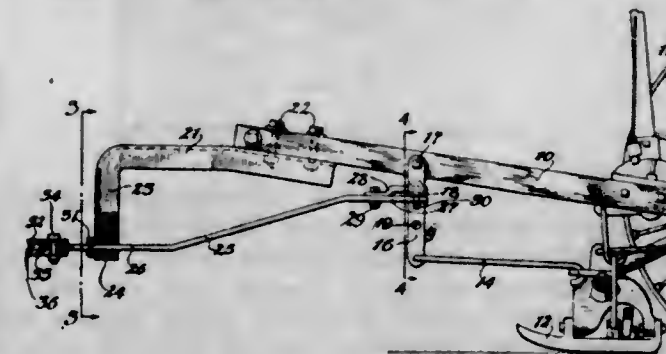
A circuit arrangement for tube generators comprising a three-electrode vacuum tube, a grid-filament circuit for said tube, a key and a choke coil arranged in series in the grid-filament circuit, a condenser connected in parallel with the key and choke coil, and a high resistance connected in parallel with the condenser.

1,646,518. SHOCK ABSORBER AND BUFFER. WILLIAM BARBER, Brooklyn, N. Y. Filed Mar. 29, 1924. Serial No. 702,722. 15 Claims. (Cl. 293-55.)



1. In a buffer and shock absorbing mechanism, a buffer member having parallel bars and end folds in combination with a resilient supporting member, said member resiliently supported at its ends on relatively vertically movable portions of an automobile to serve as a shock absorber.

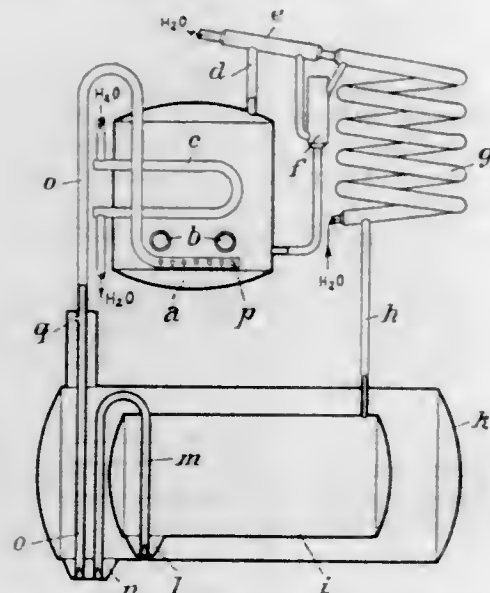
1,646,519. HITCHING MECHANISM FOR CONNECTING MOWERS AND TRACTORS. ERNEST BASEMAN, Batavia, N. Y., assignor to Massey-Harris Harvester Company, Inc., Batavia, N. Y., a Corporation of New York. Filed Sept. 2, 1924. Serial No. 735,241. 1 Claim. (Cl. 280-33.44.)



The combination with a mower having a pole, a cutter bar, a shoe supporting the cutter bar and an upright equalizing bar pivoted at its upper end to said

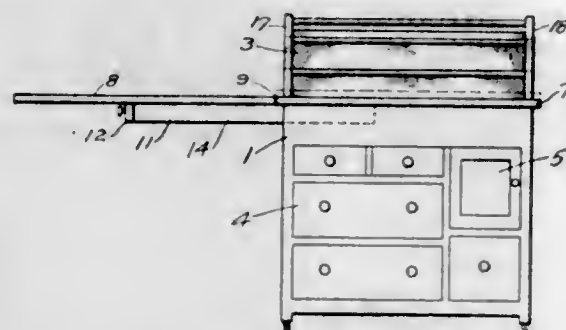
pole and connected at its lower end with said bar, of means for hitching said mower to a tractor comprising a bracket mounted on said pole, a draw bar guided on the bracket and connected at its rear end with said equalizing bar and adapted to be coupled at its front end with a tractor, and a stop arranged on said draw bar and adapted to engage said bracket for limiting the backward movement of said draw bar relative to the bracket but permitting said draw bar to move forwardly independently of said bracket.

1,646,520. ABSORPTION REFRIGERATING APPARATUS. GAUDENZ BAYER, Augsburg, Germany. Filed Nov. 3, 1925, Serial No. 66,436, and in Germany Aug. 1, 1925. 8 Claims. (Cl. 62-118.)



1. In an absorption refrigerating machine the combination with a boiler-absorber for the refrigerant, of a collecting and storage vessel, heating means for the boiler-absorber, and vapor-condensing means intermediate the boiler-absorber and the collecting vessel and connecting the same, a vaporizing vessel surrounding the collecting vessel, intermittently operating fluid-transferring means connecting the collecting vessel to the vaporizing vessel, and communicating means between the vaporizing vessel and the boiler-absorber.

1,646,521. PORTABLE BATH CABINET. ELSIE C. BENSON, Seattle, Wash. Filed Jan. 12, 1925. Serial No. 1,993. 1 Claim. (Cl. 4-175.)



In an article of furniture of the character described comprising a cabinet with a wash tub in the upper part thereof, drawers in the lower portion of the cabinet and stationary shelves extending upward from the rear of the said cabinet; a pair of parallel beams slidably held in channel tracks below the cover of the said cabinet, and a cross beam connecting the said parallel beams at one end and having a knob thereon connecting the ends of the said parallel beams, said cross beam representing a drawer front at the end of the said cabinet and adapt-

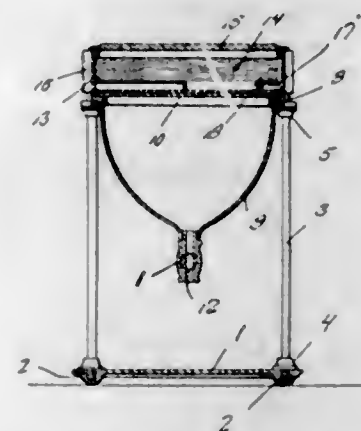
able to draw the parallel beams outward to support a second covering hinged to the end of the top of the said cabinet when the said cover is used as a shelf.

1,646,522. ATTACHMENT FOR WINDOWS. ELWIN H. BERG, Eveleth, Minn. Filed Oct. 10, 1923, Serial No. 667,758. Renewed June 19, 1926. 2 Claims. (Cl. 292-267.)



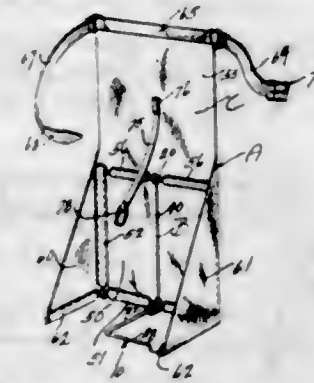
1. A storm sash fastener including a sash carried bracket having an aperture, a latch arm pivoted at one end to said bracket to swing vertically with respect thereto and having a notched lower edge, and a window frame keeper having a notch engaging portion on which the lower edge of the arm bears when the sash is open, said arm having a rigid extension at its pivoted end to enter the aperture of said bracket in the open position of the sash whereby to co-operate with the keeper and prevent rattling of the latch arm in the manner specified.

1,646,523. TABLE ACCESSORY. PETE BERNARD, Philadelphia, Pa. Filed Oct. 7, 1926. Serial No. 140,077. 1 Claim. (Cl. 211-8.)



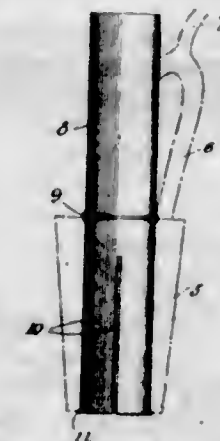
In a structure of the class described, a plurality of standards, means for holding the standards in upright positions, a ring having apertured arms receiving the upper ends of the standards, said standards being provided with shoulders on which the arms of the ring rest, a sugar bowl extending downwardly through said ring and provided with a peripheral rim resting upon said ring, and a box having sleeves surrounding the upper ends of said standards, said box resting upon said sugar bowl to hold the same in place within the ring and to hold the ring against accidental displacement from the standards.

1,646,524. PROTECTOR OR AUTOMOBILE WASH APRON. LOUIS P. BLAKEY, Philadelphia, Pa. Filed May 25, 1926. Serial No. 111,584. 10 Claims. (Cl. 2-51.)



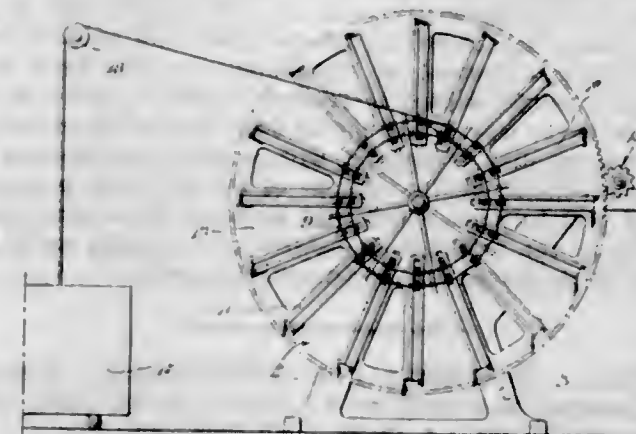
1. In an automobile wash apron construction the combination of a collapsible supporting frame, flexible waterproofing apron means connected with the frame, and means carried by the apron independent of said frame for attaching the same to a person's body.

1,646,525. HEATING-UNIT ADAPTER. MAX BORN-KESSEL, New York, N. Y. Filed June 9, 1927. Serial No. 197,752. 4 Claims. (Cl. 132-36.2.)



4. An adapter for electric curling devices comprising in combination with a heating unit, having an axial bore, an elongated, cylindrical tube, close fitted to the bore, the entering portion of said tube being longitudinally slotted, an extruded head midway in the length of said tube beyond the slots to limit its engagements with the unit, and an outwardly projecting, annular flange on the slotted end of said tube to engage the opposite end of the unit to retain the adapter firmly therein.

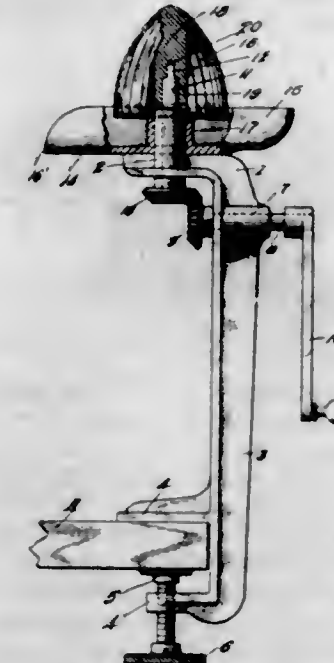
1,646,526. METHOD OF DYEING WARPS. EDWIN E. CARLSON and LAWRENCE A. STEAD, Chester, Pa. Filed July 15, 1926. Serial No. 122,525. 4 Claims. (Cl. 8-5.)



1. A method of dyeing warps consisting in applying the material to be dyed on a reel in spaced layers, immersing the reel in a dye bath, rotating the reel until the material is dyed, removing the reel from the dye bath, and removing the warp from the reel.

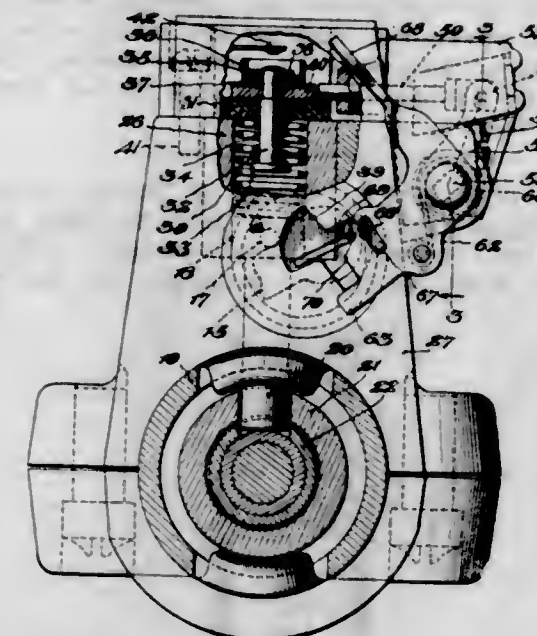
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1,646,527. FRUIT-JUICE EXTRACTOR. JOHN K. CURRY, Peoria, Ill. Filed Sept. 21, 1923. Serial No. 664,092. 3 Claims. (Cl. 146-3.)



1. A fruit juice extractor, comprising a frame having a substantially plane surface, a vertically extending sleeve formed integral with said surface, a rotatable saucer having a substantially plane bottom and a vertically extending sleeve adapted to receive the first mentioned sleeve and to rest upon said surface of the frame, a shaft journaled in the frame and extending through the said surface of the frame and saucer, an extracting head carried by said shaft, and means to rotate the shaft and head.

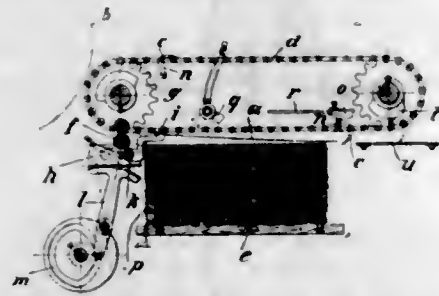
1,646,528. RETARDER FOR CIRCUIT BREAKERS. CHARLES N. FAIRCHILD, Milford, Conn., assignor to Fairchild Lock Corporation, New Castle County, Del. Filed Nov. 17, 1924. Serial No. 750,481. 23 Claims. (Cl. 70-127.)



1. The combination with a coincidental lock of the type in which the locking of the car breaks the ignition circuit and the unlocking of the car closes the ignition circuit, of means for delaying the breaking of the ignition circuit until the lock operating means is withdrawn from the lock.

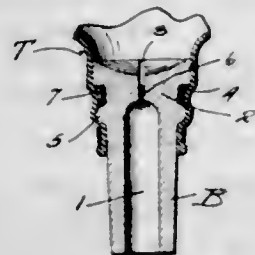
10. In an automobile locking device, the combination of a key operated mechanism causing the unlocking of an automobile and the closing of the ignition circuit, and means controlled by the presence or absence of the key in its keyhole controlling the opening of the ignition circuit.

1,646,529. SHEET-DELIVERING DEVICE FOR PRINTING PRESSES. ALFRED FALLOT, Piquen, Germany; Harry Priester executor of said Alfred Falloit, deceased. Filed Feb. 29, 1924, Serial No. 696,001, and in Germany Mar. 7, 1923. 2 Claims. (Cl. 271-79.)



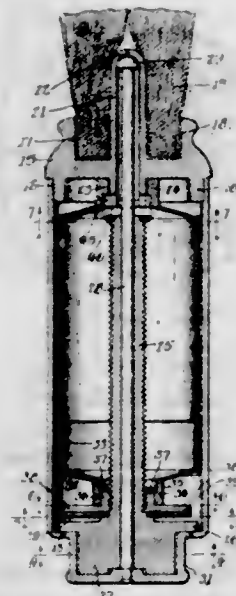
1. In a sheet delivering device for printing presses, gripper elements conveying the sheets from the printing cylinder to a second group of gripper elements which moves in the direction of the conveying movement, grips the sheet and reverses its direction of movement after the sheet has been released by the first mentioned conveying elements, a blowing device which executes an oscillating movement in a forward direction during the forward movement of the sheet and a backward oscillation during the rearward movement of the sheet, the air blowing at first upon the front part and afterward upon the rear end of the sheet.

1,646,530. MOUTHPIECE. JOHN FERRETTI, Hastings, Pa. Filed Dec. 30, 1926. Serial No. 158,008. 1 Claim. (Cl. 46-46.)



A mouth piece comprising a nipple having a bore leading in from one end thereof and provided at its other end with a transversely disposed slot which enters the inner portion of the bore and a vibratory member extending along the slot and having an edge portion disposed within the bore.

1,646,531. CONTAINER. GEORGE G. FLOYD, Riverside, Ill. Original application filed July 23, 1924, Serial No. 727,634. Divided and this application filed Nov. 19, 1925. Serial No. 70,109. 6 Claims. (Cl. 206-56.)



1. A supply-tube adapted to contain semi-fluid material having a follower closing one end thereof and slidable in

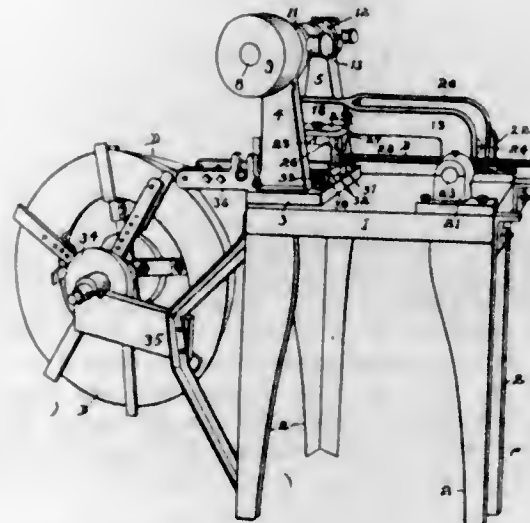
the tube to expel the contents of the latter, said tube and follower being apertured in register, and removable means to close said apertures temporarily until the tube is to be put into use.

1,646,532. DRUM MILL. PAUL GOEBELS, Dessau, Germany. Filed Mar. 9, 1927, Serial No. 174,038, and in Germany Sept. 3, 1926. 2 Claims. (Cl. 83-9.)



1. A drum for mills comprising a plurality of chambers arranged parallelly to each other in longitudinal direction within said drum, a plurality of chambers arranged at either end of said drum, and apertures between said former chambers and said latter chambers, whereby said chambers will all be connected in succession to each other.

1,646,533. MACHINE FOR COVERING WOOD WITH SHEET METAL. WALTER B. HEWITT, Richmond, Ind., assignor to Richmond Fireproof Door Company, a Corporation of Indiana. Filed Apr. 22, 1926. Serial No. 103,993. 6 Claims. (Cl. 153-1.)

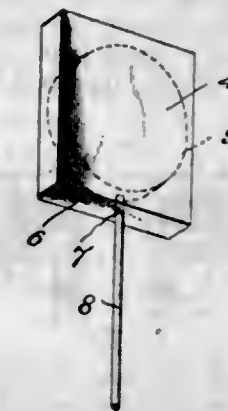


1. A machine substantially as set forth comprising a pair of dies whose faces are of varying contour from end to end thereof and adapted to approach near together, means for rigidly securing one of said dies in fixed position, means for imparting to the other one of said dies a vibrating movement at right angles to the fixed die, said dies being adapted to receive a strip of sheet metal therebetween, means for moving said strip of sheet metal between the dies whereby it will receive a predetermined shape depending on the contour of the dies, and a second set of dies between which said metal, after having been formed in the first dies, is passed to secure the metal to wood stock placed in connection therewith.

1,646,534. CONTAINER FOR CONFECTIONS. ALBERT HOROWITZ, New York, N. Y. Filed Apr. 28, 1925. Serial No. 26,335. 1 Claim. (Cl. 206-46.)

The combination of a lollipop comprising a body of confection and a supporting handle projecting therefrom and a loosely fitting container for the edible portion of the confection comprising a rectangular blank having an intermediate portion forming one side of the container and op-

positely disposed portions at the side edges of the blank and opposite sides of the intermediate portion for closing the ends of the container, one of said oppositely disposed



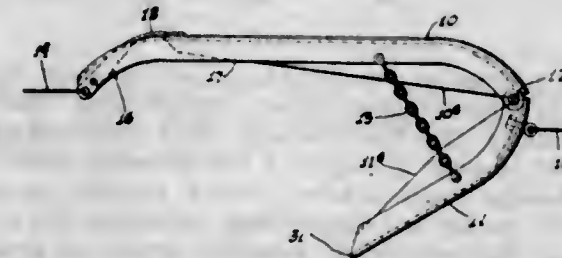
portions having an aperture of a size to snugly fit the handle and arranged to permit the same to project therethrough.

1,646,535. RESISTANCE ELEMENT. CHARLES HORTON, Ridgefield Park, N. J., assignor to The Pilot Electric Manufacturing Company, Inc., Brooklyn, N. Y., a Corporation of New York. Filed July 14, 1925. Serial No. 43,622. 2 Claims. (Cl. 201-64.)



1. A resistance element for radio reception devices comprising a fibrous element impregnated with conducting material, apertures at opposing extremities of said fibrous element, washers having central apertures disposed on opposite sides of said fibrous element and pressing against the same at points adjacent the apertures thereon, eyelets passing through the apertures in the washers and the fibrous element and bent over at their extremities thereby to maintain the washers in fixed position with respect to the fibrous element, and an insulating medium surrounding said fibrous element and said washers, the inner surface of said eyelet means being adapted to form contact with the remainder of the device.

1,646,536. SCRAPER-LOADER APPARATUS. JOHN S. HOUSMAN, Chicago, Ill., assignor to Goodman Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed Apr. 24, 1924, Serial No. 708,607. Renewed June 29, 1927. 5 Claims. (Cl. 37-147.)

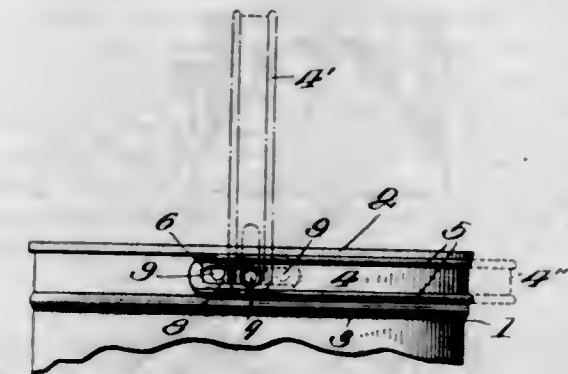


1. In a scraper device of the class described, the combination of two wall portions of unequal length, movable relative to each other, means limiting the relative movement of said wall portions, and a draft rope connected directly to the forward end of one of said wall portions.

1,646,537. SHEET-METAL CONTAINER. CHARLES HURLEY, Jersey City, N. J., assignor to Continental Can Company, Inc., New York, N. Y., a Corporation of New York. Filed Jan. 19, 1926. Serial No. 82,299. 1 Claim. (Cl. 220-94.)

A sheet metal container including a cylindrical body portion having a projecting bead formed therein at the upper edge thereof, a flat semi-circular sheet metal ball

conforming in curvature to the wall of the cylindrical body, said ball having the edges thereof intumed and the ends thereof provided with elongated slots, and pivot members secured to said body portion at diametrically op-

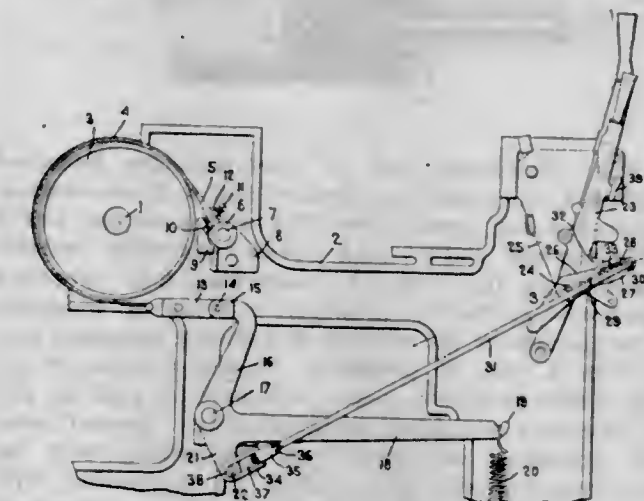


posite points, said pivot members extending through the respective elongated slots and having heads overlapping the side walls of the slots, whereby said ball when turned to horizontal position can be moved so as to nest the ball beneath the bead at the upper end of the container body.

1,646,538. PROCESS OF PRODUCING THREADS FROM VISCOSE. CHARLES A. HUTTINGER, Lakewood, Ohio, assignor, by mesne assignments, to The Acme Rayon Corporation, Cleveland, Ohio, a Corporation of Ohio. Filed Aug. 14, 1922. Serial No. 581,833. 2 Claims. (Cl. 18-54.)

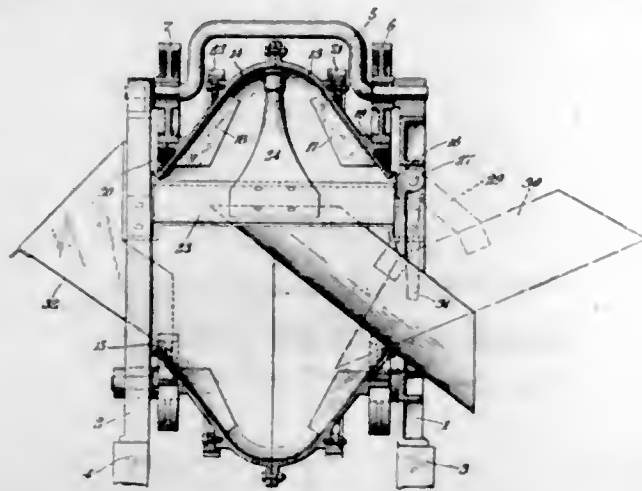
1. In the process of producing threads from viscose, the steps which consist, in introducing the latter in multiple streams into a precipitating bath composed of substantially ten (10) parts by weight water, six (6) parts sodium bisulfate, and one and one-half (1½) parts sugar; and then spinning the resultant filaments, whereby a soft and open thread is obtained.

1,646,539. BRAKE MECHANISM FOR LOOMS. ARTHUR S. JOHNSON, Hopedale, Mass., assignor to Draper Corporation, Hopedale, Mass., a Corporation of Maine. Filed July 24, 1925. Serial No. 45,922. 8 Claims. (Cl. 188-166.)



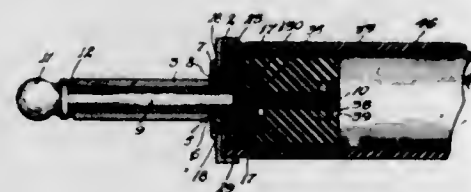
5. Braking mechanism for looms having a brake drum, a co-operating brake, a spring-actuated device normally tending to apply the brake and a shipper stand, a post mounted upon the shipper stand, a brake lever fulcrumed upon said post, a plate fixedly secured to said post, a slotted lever fulcrumed at one end upon said plate, means connecting the opposite end of said lever to said brake-applying device and a stud on said brake lever slidably mounted in the slot in said lever operable upon movement of said brake lever to increase the effective range of brake-releasing movement of said brake lever upon said brake-applying device.

1,646,540. METHOD AND APPARATUS FOR MIXING. NATHAN C. JOHNSON, Englewood, N. J. Filed Mar. 31, 1926. Serial No. 98,691. 15 Claims. (Cl. 83-73.)



1. The method of mixing together a plurality of ingredients, which comprise subjecting the ingredients while confined within the peripheral wall of a container to such centrifugal force as to produce high velocity mass flow of the batch, causing the particles of the mass to be compacted during their centrifugal flow, intercepting and retarding a portion of said batch to form a wedge, and causing said wedge formed portion to divert the rapidly moving mass while still compacting it, and causing it to flow into position where it is again moved and compacted under the influence of the centrifugal force, and continuing the cycle until the batch is mixed, thereby effecting the mixing with compacting and interparticle attrition.

1,646,541. PLUG. WILLIAM KAISLING, Chicago, Ill., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill., a Corporation of Illinois. Filed Jan. 30, 1924. Serial No. 689,389. 8 Claims. (Cl. 173-334.)

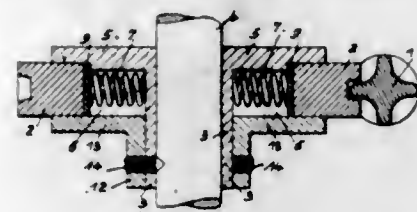


1. In a connecting plug of the character described comprising a tip conductor member and a sleeve conductor member, a cup member provided with a central orifice for receiving one end of said sleeve conducting member and supporting the same, a conducting bolt extension for said tip conductor member, a terminal insulated from the terminals of said tip and sleeve members provided with a pair of integrally formed rearwardly extending spring members, spring terminals for said tip and sleeve members provided with integrally formed rearwardly extending members, said conducting bolt extension securing said tip member in association with said sleeve member and clamping said spring terminals to said cup member, and means secured to said cup for preventing rotation of said terminals relatively to said conducting bolt extension.

1,646,542. ACTUATING DEVICE FOR THE COPS OF SPINNING, TWISTING, AND LIKE MACHINES. JOHANN JACOB KEYSER, Aarau, Switzerland. Filed June 22, 1925. Serial No. 38,892, and in Germany Apr. 3, 1925. 1 Claim. (Cl. 74-29.)

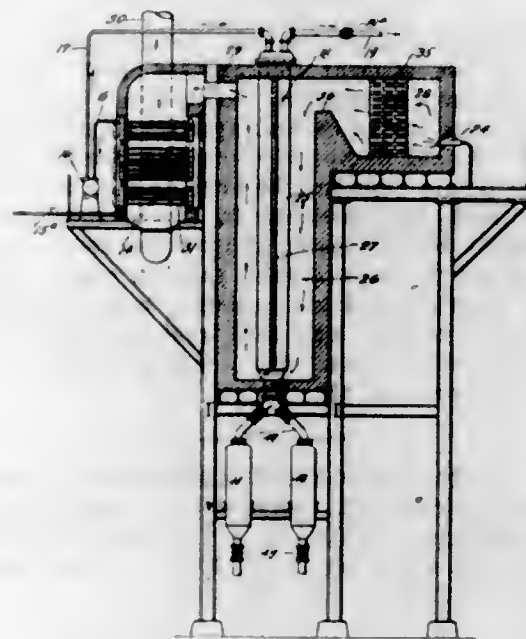
An actuating mechanism of the kind specified comprising an annular spindle actuating worm gear member, a sleeve member on which the said worm gear member

is mounted for rotation, an intermediate friction producing member between the peripheries of both members, the said sleeve member constituting a lateral guiding and supporting flange for the said worm gear member at the one side thereof and the one of the two members constituting laterally open and radial spring seating recesses, springs within the said recesses and acting



with their ends on the said friction producing member so as to produce friction between both members whereby the worm gear may be carried around by the said sleeve member upon rotation thereof, and a lateral disc detachably mounted on the said sleeve member for laterally closing the spring seating recesses and constituting a guiding and supporting flange for the worm gear member at the other side thereof.

1,646,543. OIL-CRACKING PROCESS AND APPARATUS. WILLIAM C. KIRKPATRICK, Alhambra, Calif., assignor to National Refining Process Corporation, Los Angeles, Calif., a Corporation of Nevada. Filed Aug. 27, 1925. Serial No. 52,749. 3 Claims. (Cl. 196-58.)



1. The process of cracking high boiling point hydrocarbons to lower boiling point hydrocarbons, that includes heating the hydrocarbons to a temperature of about 500° to 600° F., under a low pressure, then placing the heated hydrocarbons under a pressure of about 600 to 700 pounds per square inch, delivering the hydrocarbons at that pressure to a still in which the pressure is maintained at about 150 to 200 pounds per square inch and in which a temperature of about 780° F., or more is maintained, atomizing the hydrocarbons at their point of delivery and pressure release into the still, and taking off from the still the resultant carbonaceous deposit and the vapors and gases evolved.

2. Hydro-carbon cracking apparatus, comprising an expansion cracking chamber, means for heating hydrocarbons and injecting them under high pressure to the expansion chamber, the injecting means including an atomizing nozzle with a small orifice through which the hydrocarbons are forced under high pressure into the expansion chamber, means to maintain the chamber at cracking temperature, means to maintain in the chamber a pressure substantially lower than that under which the hydrocarbons are forced into the chamber, a longi-

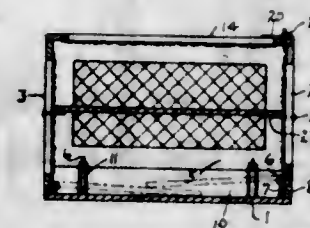
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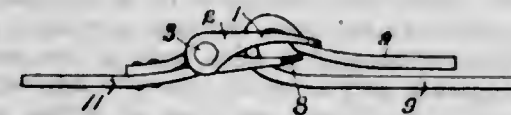
tudinal partition extending within the chamber from one end to a point near the other, the hydro-carbon injecting nozzle being at one side of the partition at the first mentioned end, a valve controlled gas and vapor outlet at that same end at the other side of the partition, and a carbon outlet at the other end of the chamber.

1,646,544. COLLAPSIBLE CONTAINER. LOUIS KORN, Houston, Tex. Filed Apr. 3, 1925. Serial No. 20,499. 2 Claims. (Cl. 217-47.)



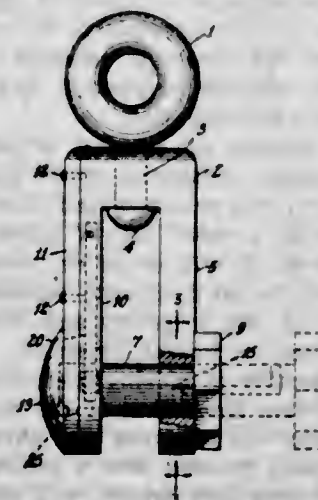
1. A collapsible container comprising a bottom member forming a base, side members and end members hinged to said base, said members being each spaced a different distance above said base than the others, whereby they may fold down on said base one above the other, top members of unequal lengths hinged to said end members, means to secure said top and end members detachably to said side members and means to lock them in position.

1,646,545. BUCKLE. EMIL LAIER, Kansas City, Mo. Filed Apr. 18, 1927. Serial No. 184,581. 2 Claims. (Cl. 24-193.)



1. A buckle comprising a body having two arms, a bridge between said arms, and a transverse slot between said bridge and the outer end of said body, a pintle mounted in said arms, and a tongue having two arms pivoted to said pintle and provided at its outer end with a transverse lip adapted to have its outer edge register with said slot and to engage and hold from slipping in one direction a strap adapted to be passed through said slot, said lip and said bridge being spaced from said pintle to provide two openings adapted to receive therethrough said strap and anchoring means adapted to embrace said pintle.

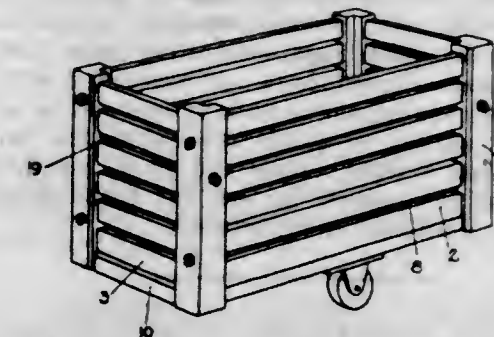
1,646,546. SHACKLE. LOUIS JENSEN LARSEN, Astoria, N. Y. Filed Sept. 18, 1926. Serial No. 136,368. 2 Claims. (Cl. 59-86.)



1. A shackle comprising a yoke having arms provided with aligned openings, a shackle pin movable in said openings, said shackle pin having therein a groove a portion

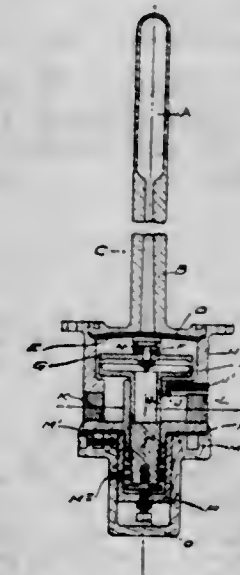
of which is longitudinal and a portion of which is partially circumferential in said pin, a locking pin in one arm projecting into said groove whereby said shackle pin is retained against complete withdrawal from the yoke and is retained in its inserted position, said shackle pin also having a recess therein and a beveled end, and a spring carried by the other arm of the yoke adapted to be depressed by the beveled end of said shackle pin, and engaging said recess only when the shackle pin is completely inserted and rotated as far as is permitted by engagement of the locking pin with the end of the circumferential portion of the groove.

1,646,547. TRUCK AND SIMILAR CONVEYANCE. JOSEPH E. LAVIGNE, Fall River, Mass. Filed July 20, 1926. Serial No. 123,657. 2 Claims. (Cl. 280-50.)



1. A truck comprising in combination corner uprights, said corner uprights having ledge portions at the lower extremities thereof forming seats, and sill members, said seats being adapted to receive the ends of said end sill members, said sill members and said uprights having openings therein, stave members composing the sides, said openings being adapted to receive the ends of said stave members, means for joining said uprights together and means for joining said sill members to said uprights.

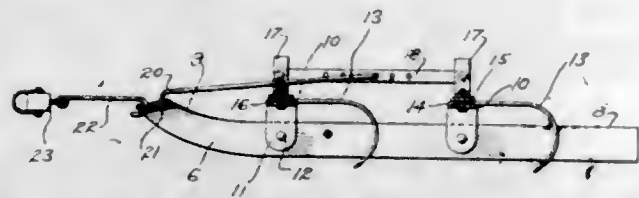
1,646,548. TEMPERATURE CONTROL VALVE. ROBERT MACLAREN, Culross, Fife, Scotland. Filed Sept. 11, 1924. Serial No. 737,183, and in Great Britain Oct. 31, 1923. 3 Claims. (Cl. 297-3.)



1. Apparatus of the class described comprising a body having a chamber therein and inlet and outlet openings, an adjustable valve seat in said body having a duct and a port establishing communication between said duct and said outlet opening, a parabolic diaphragm in said body opposite said valve seat, an expansion bulb having a duct leading to said diaphragm, a valve movable by said diaphragm toward and from said valve seat, and means connecting said valve to said parabolic diaphragm for limited sliding axial movement, and a spring be-

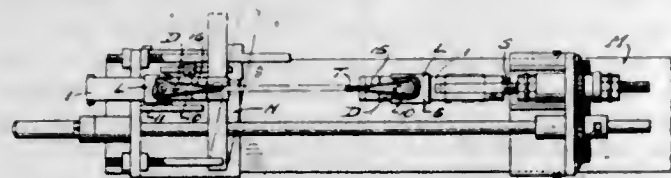
tween said diaphragm and said valve to normally hold the latter at the outer extent of its sliding axial movement relative to the parabolic diaphragm.

1,646,549. HARROW. TIMOTHY MADDEN, Egg Harbor, Wis. Filed May 9, 1927. Serial No. 190,003. 1 Claim. (Cl. 55—130.)



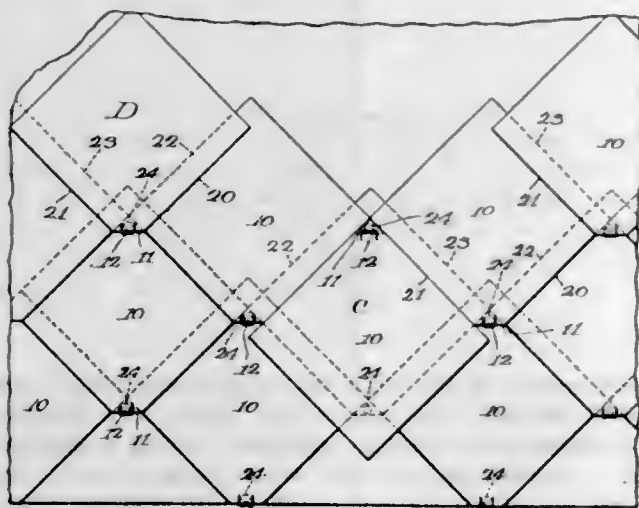
A harrow embodying lateral sections, each section including side members, tooth supporting bars pivotally connected with the side members, teeth mounted on the tooth supporting bars, connecting bars connecting the tooth supporting bars, said connecting bars having a plurality of spaced openings, a rod associated with each connecting bar and having a hook at one end to be positioned in an opening to secure the rod to the bar, and said rod having a right angled end to be positioned in an opening of the harrow to lock the tooth supporting bars in their positions of adjustment.

1,646,550. DIE MECHANISM. ELIAS N. MILLER, Amarillo, Tex. Filed Sept. 21, 1926. Serial No. 136,852. 5 Claims. (Cl. 140—73.)



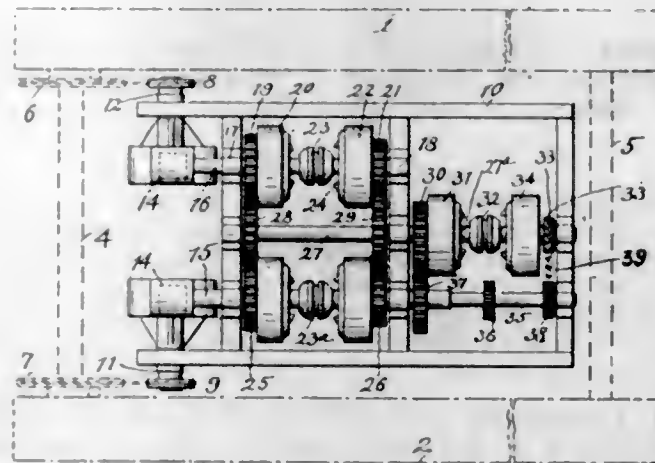
1. A die structure for forming eyes in a wire tie comprising a base plate, a die member, means for detachably connecting the die member to the plate, said die member having an outwardly arranged forming head around which a strand of wire is adapted to be disposed, and a loop member slidably engaged with the base plate and adapted to be moved over the forming head when the die member is applied.

1,646,551. ROOFING. ALBERT E. F. MOONE, Chicago, Ill., assignor to The Lebon Company, a Corporation of Illinois. Filed July 10, 1926. Serial No. 121,644. 2 Claims. (Cl. 108—83.)



1. A roofing shingle comprising a square sheet of flexible prepared roofing with one corner cut away and a separately formed hinge secured to the sheet adjacent to the edge formed by cutting away the corner.

1,646,552. DRIVING MECHANISM FOR TRACK-LAYING VEHICLES. JOSEPH H. MOSER, Lakewood, Ohio, assignor to The Lakewood Engineering Company, Lakewood, Ohio, a Corporation of Ohio. Filed Apr. 23, 1923. Serial No. 634,092. 2 Claims. (Cl. 180—17.)



1. In a track laying vehicle, the combination of a pair of oppositely disposed endless track members, a pair of parallel shafts, a connection between each of said shafts and one of the track laying members, two gears of different diameters and number of teeth loosely mounted upon each of said shafts, the gears on each of the shafts of similar size and number of teeth being oppositely mounted with respect to each other, an intermediate shaft, a plurality of gears fixedly mounted upon said shaft each of said gears being arranged to be in mesh with oppositely disposed gears upon the first mentioned shafts, clutch mechanism associated with each of the gears on the first mentioned pair of shafts whereby selected gears on each of the first mentioned pair of shafts may be clutched to its shaft, a pair of members rotatably mounted upon said intermediate shaft, means for driving said members in opposite directions, and means for clutching either of said members to the shaft whereby said track laying members may be driven at different speeds in either direction.

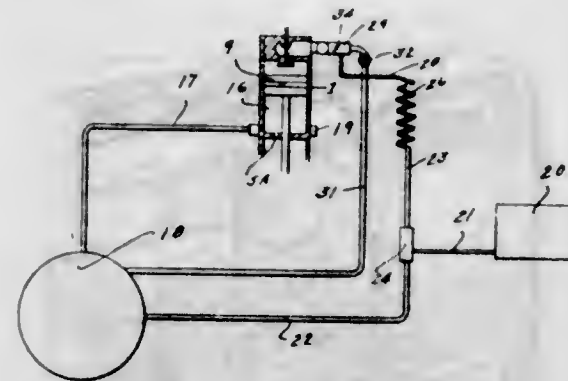
1,646,553. PREPARATION OF ANTIDIABETIC MATERIAL FROM PANCREAS. JOHN R. MURLIN, Rochester, N. Y. Filed Mar. 27, 1924. Serial No. 702,410. 7 Claims. (Cl. 167—7.)

1. The method of obtaining and purifying an anti-diabetic substance comprising extraction of the same from macerated pancreas by treatment thereof with acidulated water at a temperature adequate to effect substantial coagulation of the proteins, and subsequent precipitation of the anti-diabetic substance in conjunction with some protein from aqueous solution by means of sodium chloride, solution of the precipitate in alcohol, and reprecipitation from the alcoholic solution by means of a higher alcohol in suitable proportion and separation of the precipitate by centrifugation.

6. A product capable of causing utilization of sugar in the human system, consisting of the anti-diabetic substance generated by the pancreas and obtained as a powder capable of being pressed into a tablet and combined with a substance which will delay or prevent destruction or inactivation of the anti-diabetic substance by trypsin or other enzyme of the intestine and thereby enable it to be absorbed from the human intestine.

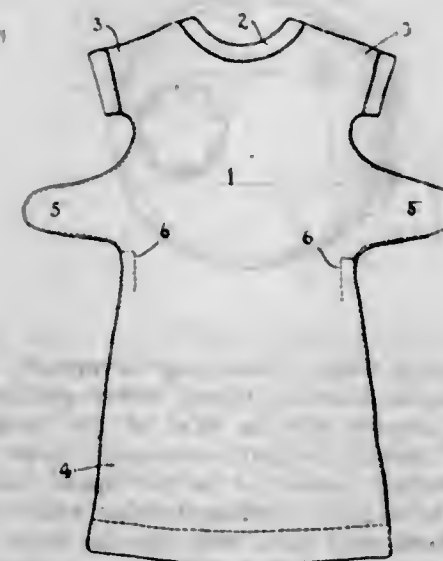
7. A product capable of causing the utilization of sugar in the human system consisting of the anti-diabetic substance generated by the pancreas and obtained as a powder capable of being pressed into a tablet and combined with an acid or acid salt which will delay or prevent destruction or inactivation of the anti-diabetic substance by trypsin or other enzyme of the intestine and thereby enable it to be absorbed from the human intestine.

1,646,554. HIGH-COMPRESSION TWO-CYCLE INTERNAL-COMBUSTION ENGINE. SIGURD OLSON, Portland, Ore. Filed Apr. 15, 1926. Serial No. 102,191. 4 Claims. (Cl. 123—74.)



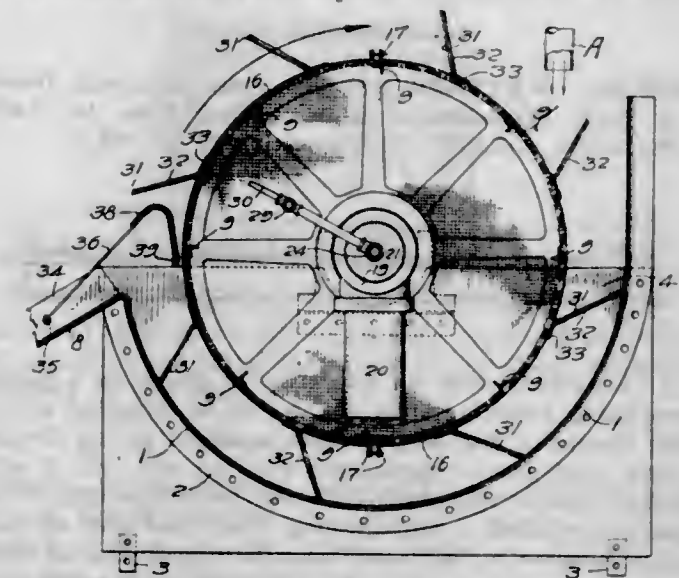
4. In a high compression two cycle internal combustion engine; the combination with an internal combustion engine provided with a precompression chamber formed opposite the explosion chamber, and having a compressed air storage tank connected to said precompression chamber; of a primary mixing valve connected to said storage tank and to a fuel supply tank; a secondary mixing valve mounted to the intake manifold of said engine; piping leading from the first valve to the second valve; said secondary mixing valve being directly connected to said compressed air storage tank; an inwardly extending nozzle formed within the secondary mixing valve connected to the inlet from said storage tank, and extending beyond and at an angle to the inlet from the primary mixing valve; a rockable throttle valve mounted within the secondary mixing valve and disposed between the intake manifold and the inlets from the air storage tank and the primary mixing valve; and the piping leading from the first valve to the second valve being spirally disposed about the exhaust manifold of said engine.

1,646,555. GARMENT. HATTIE J. PAGE, Grand Rapids, Mich. Filed Dec. 13, 1926. Serial No. 154,534. 3 Claims. (Cl. 2—74.)



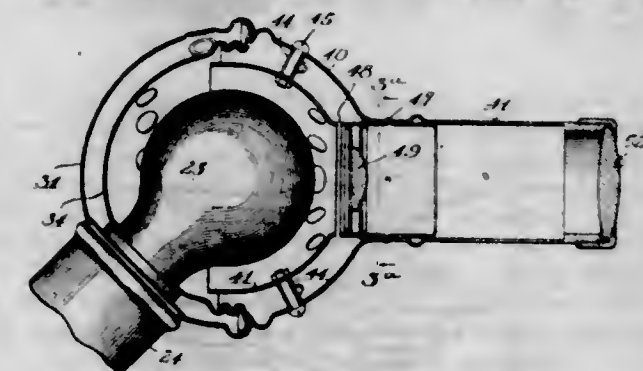
1. A garment comprising two sides each having side extensions near the waist line, said two sides being joined by a seam extending along their edges, and around the edges of the side extensions, and a seam extending from each side of the garment at the approximate waist line, a short distance toward the middle thereof.

1,646,556. STRAINER FOR SUGAR JUICES AND THE LIKE. SAMUEL STODOLE PECK, Honolulu, Territory of Hawaii. Filed Sept. 27, 1922. Serial No. 590,966. 15 Claims. (Cl. 210—201.)



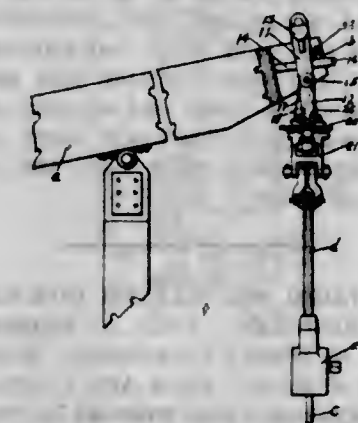
12. In a filtering device, a revoluble foraminous drum and perforated paddles attached to the periphery of the drum extending outwardly and rearwardly therefrom to facilitate scraping thereof.

1,646,557. LIGHT-PROJECTING APPARATUS. ALPHONSE F. PIERRE, Rochester, N. Y. Filed Apr. 21, 1923. Serial No. 633,761. 15 Claims. (Cl. 240—41.)



1. In a light projecting apparatus, the combination of a support, a lamp socket carried thereby, a lamp in said socket, a housing for the lamp including fixed and detachable sections, said fixed section being connected with the support and said detachable section including inner and outer shell-like portions, the former being adapted to receive a portion of the lamp and the latter being adapted to detachably engage the fixed section of the housing, and a tube carried by said detachable section and provided with light projecting means.

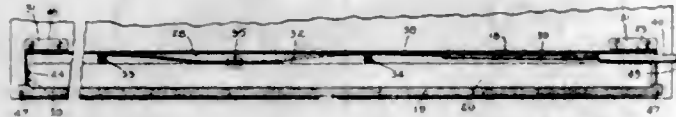
1,646,558. BEAM HANGER. JAMES P. RATIOAN, Walnut Park, Calif. Original application filed Apr. 13, 1925, Serial No. 22,768. Divided and this application filed Dec. 28, 1926. Serial No. 157,602. 10 Claims. (Cl. 255—14.)



1. A beam hanger comprising a stem having upper and lower sections pivotally connected, one of said sections

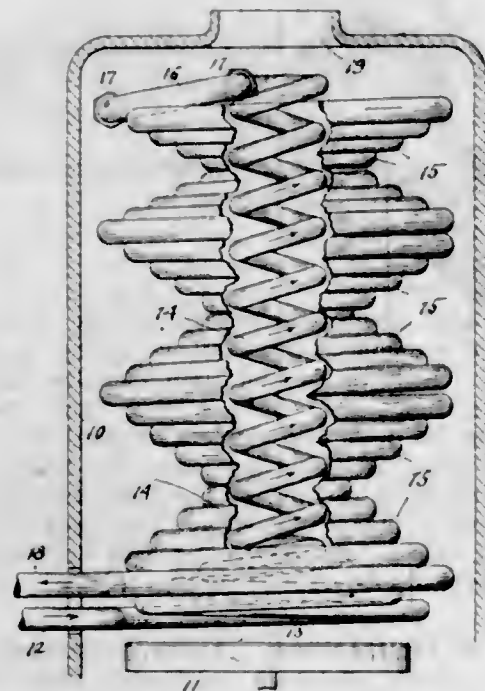
being provided with means to suspend it from a walking beam, and means to limit relative swinging in one direction between the sections as the walking beam swings within the limit of its normal working stroke.

1,646,559. WEATHER STRIP. EMIL RAY and HARRY S. RAY, Minneapolis, Minn. Filed June 14, 1926. Serial No. 115,873. 11 Claims. (Cl. 20-68.)



1. A weather strip for use within a groove in a closure comprising a sealing strip adapted to be retracted within said closure or ejected therefrom, a bowed spring member within said groove, means for securing one end of said spring member in parallel relation to said sealing strip, means for holding and guiding the other end of said spring member for movement parallel to said sealing strip, means for securing said spring member at its bowed portion to said sealing strip and an ejector rod secured to the movable end of said spring member.

1,646,560. WATER-HEATING COIL. JOHN P. REINECKE, Louisville, Ky., assignor to The Hoffman Heater Company, Louisville, Ky., a Corporation of Ohio. Filed Nov. 21, 1925. Serial No. 70,442. 1 Claim. (Cl. 122-250.)

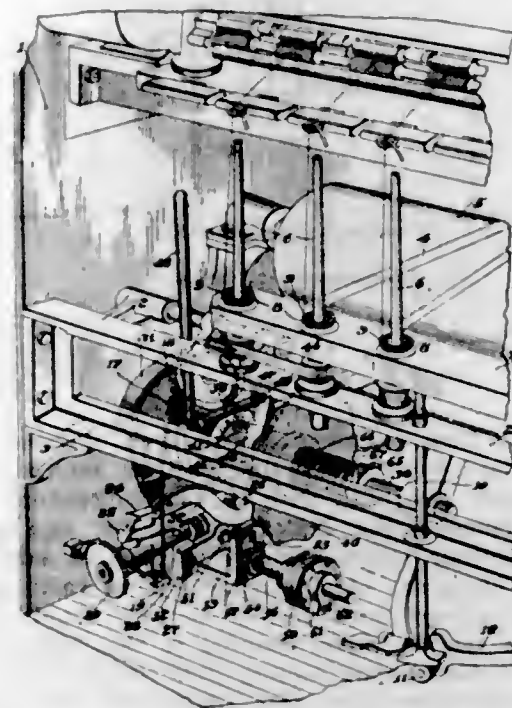


In water-heating devices, a vertically arranged coil having an enlarged spiral portion at the bottom, an outer coil surrounding said inner coil and detachably connected therewith at the top, said inner coil having an inlet at the periphery of said spiral portion and said outer coil having an outlet at its lower end whereby the course of the water is upwardly through said inner coil and then downwardly through said outer coil, and a burner arranged below said coils.

1,646,561. BUILDER MECHANISM FOR SPINNING OR WINDING MACHINES. JOHN A. SKEDGELL, Reading, Pa., assignor to Draper Corporation, Hopedale, Mass., a Corporation of Maine. Filed Apr. 7, 1927. Serial No. 181,820. 18 Claims. (Cl. 242-43.7.)

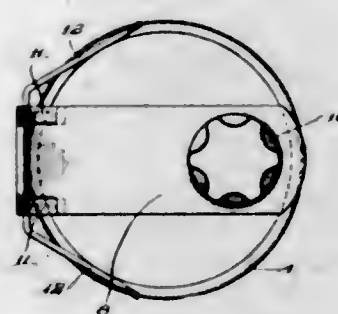
1. A bunch builder mechanism for spinning or winding machines, comprising, in combination, yarn guiding means,

a builder arm for controlling the yarn guiding means, a loosely mounted main builder cam, a rotating bunch building member movable towards and from the main builder cam, a clutch associated with the bunch building member for engagement with and disengagement from the main



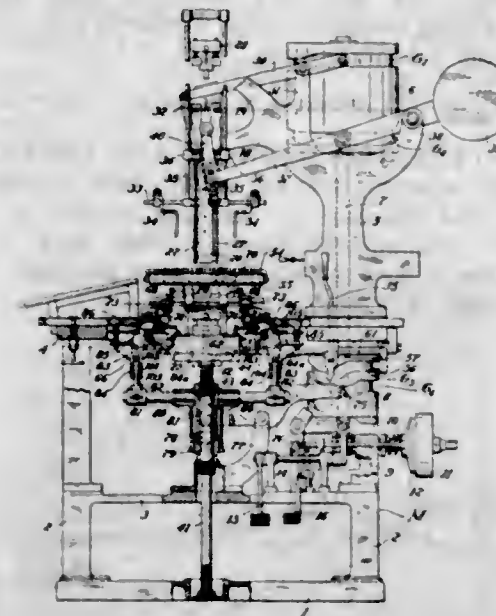
builder cam, a worm held from lateral movement on the builder arm, and means for moving the bunch building member into bunch building relation with the worm and disengaging the clutch from the main builder cam that the main builder cam may remain at rest during the bunch building operation.

1,646,562. RECEPTACLE HOLDER. EDWARD J. SNOW, Montclair, N. J., assignor to Vacuum Oil Company, New York, N. Y., a Corporation of New York. Filed Aug. 8, 1923. Serial No. 656,866. 3 Claims. (Cl. 248-20.)



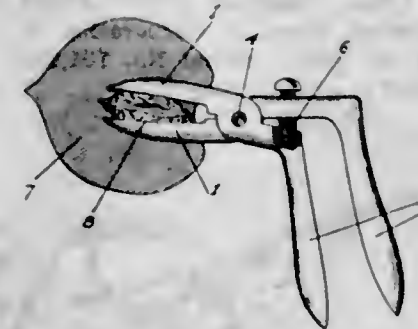
1. A receptacle holder comprising an upright attaching portion having a laterally turned lower end and a cup shaped base support for the base of the receptacle secured to said laterally turned lower end, a spout engaging member resiliently connected to the upper end of said upright and having an opening through which the spout of the receptacle may pass, said opening being eccentric with reference to the center of the base support and on that side of the center nearest the free or outer end of said spout engaging member, resilient tongues cut from the metal of the upright adjacent the upper end of the latter and deflected outwardly to cooperate with the adjacent upper edge of the receptacle, and a strip secured to the upright and having resilient arms extending horizontally and in diverging relation for cooperating with the side walls of the receptacle.

1,646,563. BOX-WRAPPING SYSTEM. JOHN R. SONNEBORN, Willow Grove, Pa., assignor to Stokes and Smith Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Apr. 8, 1926. Serial No. 100,475. 41 Claims. (Cl. 93-54.)



1. In the art of applying a wrapper to a box, the upper horizontal surface of whose wall structure occupies different levels in different portions thereof, the method which comprises folding a portion of the wrapper into engagement with the horizontal surface of the box wall structure in one level thereof, slitting the wrapper in a direction extending toward a lower horizontal level of said wall structure, and thereafter folding another portion of the wrapper into engagement with a lower horizontal level of the wall structure.

1,646,564. PEACH PITTER. LOUIS K. VAUGHAN, Woodland, Calif. Filed Dec. 23, 1925. Serial No. 77,209. 1 Claim. (Cl. 146-31.)

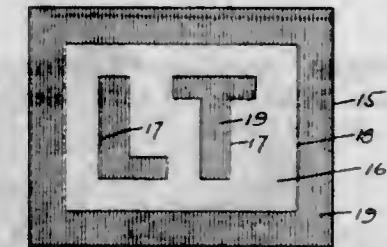


A peach pitter comprising a pair of oppositely disposed substantially spoon shaped jaws adapted to be inserted into a peach to partially surround and grip the pit, hinge means connecting the jaws adjacent one end thereof, and handle grips on the jaws beyond the hinge and extending at substantially right angles to the flat plane of the jaws for clamping the jaws together on the pit and to form a leverage for twisting the jaws to cut the pit from the flesh of the peach.

1,646,565. METHOD OF MAKING SIGNS. ALBERT E. VAUGHN, Los Angeles, Calif. Filed June 21, 1926. Serial No. 117,417. 2 Claims. (Cl. 41-29.)

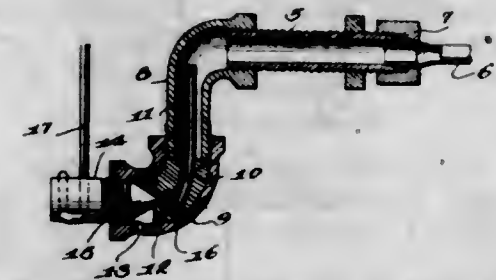
1. A method of making signs which consists in covering a surface with a background of a given color, superposing characters on the background formed of a slow dry-

ing masking paste which is impervious to paint after the background color is dry, thereafter superposing a coating of paint on the background and characters, allowing the



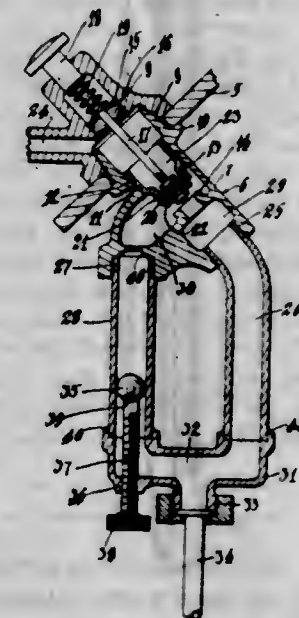
final coat of paint to dry, and finally removing the masking paste for providing characters of the color previously obscured by the paste.

1,646,566. AUTOMATIC HUMIDIFIER ATTACHMENT FOR WATER PANS. WALTER W. WARNER, Detroit, Mich. Filed Apr. 8, 1926. Serial No. 100,602. 4 Claims. (Cl. 137-104.)



2. A humidifier attachment for the water pan of a furnace comprising a nipple, a fitting connected with the nipple, said fitting consisting of elbow members, a body of relatively soft material located in one elbow member, a tube carried by the said body and extending into the other elbow member and spaced from the inner wall surface thereof, said body having a duct opening through one end thereof and communicating with the tube, a valve member threaded in the fitting for closing the duct, and a float connected with the valve member.

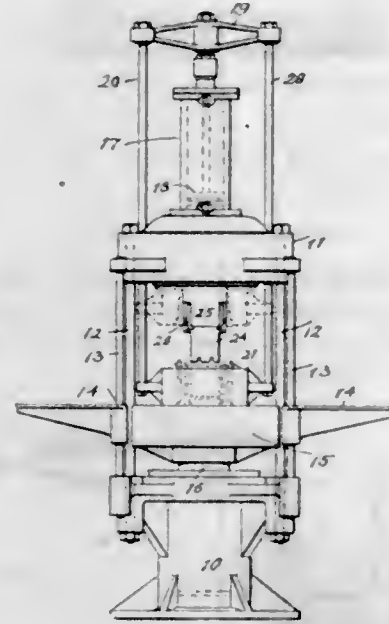
1,646,567. MEASURING DEVICE. FRED WEBER, Los Angeles, Calif., assignor to Weber Showcase & Fixture Company, Los Angeles, Calif., a Corporation of California. Filed Oct. 23, 1926. Serial No. 143,691. 7 Claims. (Cl. 221-103.)



1. A measuring valve comprising a chamber, a valve member loosely mounted in the chamber, means for connecting the chamber below the said valve member with a

source of liquid under pressure, a valve controlled outlet from the said chamber above the said valve member, and means for equalizing the liquid pressure above and below the said valve member when the said valve is closed.

1,646,568. PRESS. THEODORE A. WILLARD, Cleveland Heights, Ohio. Filed Dec. 17, 1923. Serial No. 681,109. 5 Claims. (Cl. 18—19.)



1. In a press of the character described, a table and a head relatively movable, power means for moving one of said parts relative to the other for the molding operation, a mold box adapted to be placed on the table to receive the core during the compressing stroke, a frame constituting a part of the press for resisting the lateral strains incident to the molding operation, and separate means for moving said frame.

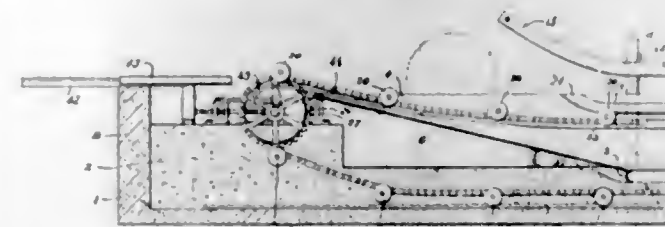
1,646,569. OIL-PUMP CONSTRUCTION. IRVING B. WILLIAMS and JAMES D. MCGILTON, Tulsa, Okla. Filed Oct. 14, 1926. Serial No. 141,521. 4 Claims. (Cl. 103—220.)



1. An oil well pump construction, comprising pump mechanism attached to a tubing including stationary and traveling valves and valve cups, mounted upon a pump

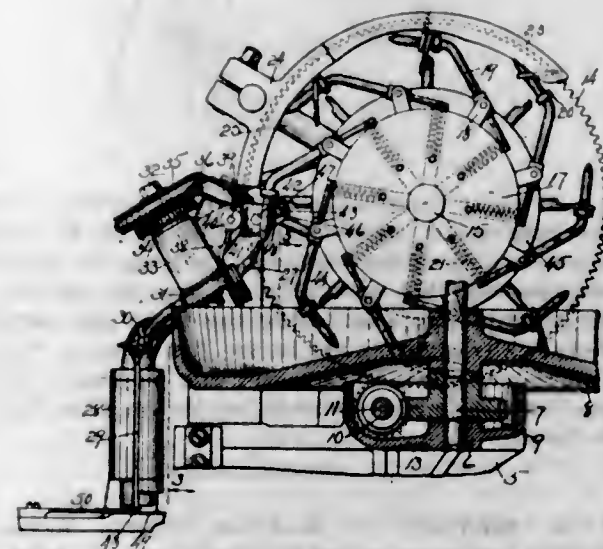
rod and positioned within a pump barrel, a tubing extension below the pump mechanism, comprising a narrow elongated upper portion and an expanded lower portion, perforations in the upper portion of the tube extension and a perforation near the lower portion thereof, a pipe within the tube extension and of smaller diameter having an open lower end, said pipe extending from the pump barrel and having communication therewith into the lower portion of the tube extension.

1,646,570. CLEANING MACHINE FOR CONTAINERS. EDWIN H. ATWOOD, WALTER E. WANNER, CLARENCE A. KIEHLE, and EDWARD H. WRIGHT, Olean, N. Y., assignors to Vacuum Oil Company, New York, N. Y., a Corporation of New York. Filed May 26, 1926. Serial No. 111,848. 7 Claims. (Cl. 141—6.)



1. A container cleaning machine embodying an elongated tank providing a bath, a trackway extending longitudinally of the tank in spaced relation to the bottom for engaging the uppermost part of a container traveling through said tank to hold it at least partially submerged in the bath, and means for moving said container through the tank with its uppermost portion in engagement with the trackway to cause the container to be rotated while moving through the bath, said means extending beyond opposite ends of the trackway to move the container under and from under the trackway.

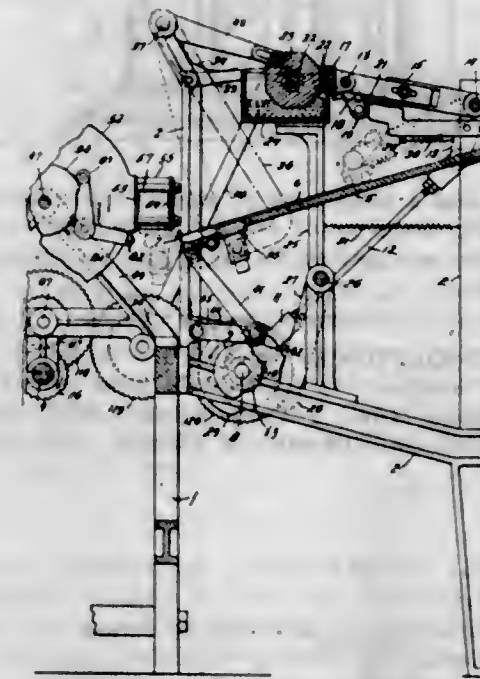
1,646,571. FEEDING DEVICE. SAMUEL W. AVIS, West Hartford, Conn., assignor to The Fuller Brush Company, Hartford, Conn., a Corporation of Connecticut. Filed Mar. 22, 1924. Serial No. 701,236. 20 Claims. (Cl. 10—107.)



1. A feed mechanism including a receptacle to receive articles having holes therein, a collecting member, means for passing said member endwise through a mass of

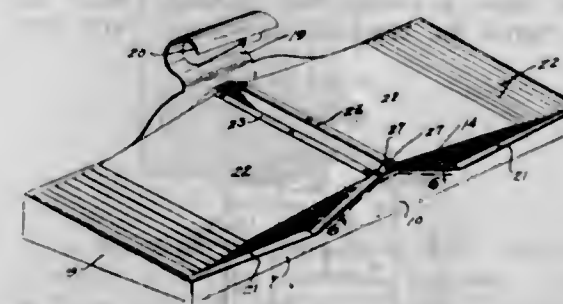
articles in the receptacle to collect said articles thereon, and a receiving member having its end positioned in such manner as to permit said article to be received thereon by its hole and conducted thereby from the collector.

1,646,572. PAPER-BAG MACHINE. HERMAN BURGDORF, Philadelphia, Pa., assignor to The Frank A. Rolling Company, Inc., Philadelphia, Pa., a Corporation of Pennsylvania. Filed July 3, 1926. Serial No. 120,381. 43 Claims. (Cl. 93—12.)



1. In a machine for making paper bags, means for feeding individual sheets, rotatable means for forming bellows-sided tubes from said individual sheets, and means for removing the completely formed bellows-sided tubes from said tube-forming means.

1,646,573. DISPLAY ALBUM. GEORGE E. BUZZA, Minneapolis, Minn. Filed Oct. 13, 1926. Serial No. 141,310. 4 Claims. (Cl. 40—102.)

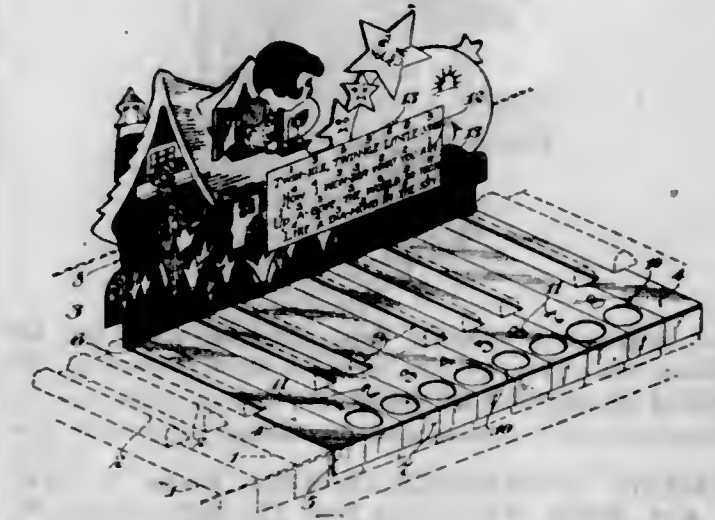


1. A display album comprising a rectangular base having on its front and rear members raised intermediate sections, the rear member of the base being higher than the front member thereof, the end portions of said front and rear members have leaf-supporting surfaces that are inclined from said raised sections, two stacks of leaves on said leaf-supporting surfaces, the leaves of each stack being hinged to said raised sections in lateral and edgewise offset relation.

1,646,574. PIANO-PLAYING GUIDE. GEORGE E. BUZZA, Minneapolis, Minn. Filed Nov. 22, 1926. Serial No. 149,978. 16 Claims. (Cl. 84—483.)

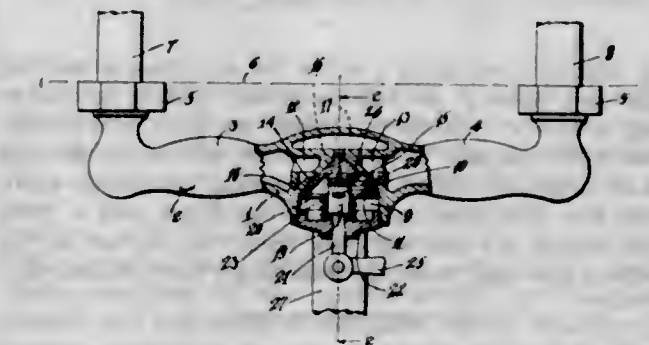
7. A new article of manufacture comprising a sheet adapted to be placed on the key-board of a piano with

portions of the underlying white keys exposed and having key indicators for the underlying white keys, and words



on the sheet having key designators arranged in order representing a melody to be played on the white keys designated by said indicators.

1,646,575. COMBINATION HOT AND COLD WATER FAUCET. EARLE H. CARDER, Hollywood, Calif. Filed Sept. 22, 1926. Serial No. 137,008. 4 Claims. (Cl. 251—88.)

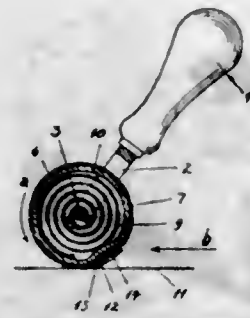


3. In a combination hot and cold water faucet, the combination of a valve casing having a valve-chamber with a substantially conical seat, and having a hot water chamber at one side and a cold water chamber at the other side, said seat having a mixing port communicating with both said chambers and having a transverse web separating the hot and cold water chambers from each other, said seat further having a cold water port leading from the cold water chamber and a hot water port leading from the hot water chamber, all of said ports being located substantially in the same plane of rotation with respect to the valve's axis, and at the same distance from the axis of the conical seat, and a substantially conical valve mounted on said seat having a single port of a length sufficient to substantially cover the entire length of the mixing port, and operating to register with any one of the said ports, said casing having an outlet leading from the valve-chamber to lead off the water passing through the valve.

1,646,576. MANIFOLDING DEVICE. KARL CASTAN, Pforzheim, Germany. Filed Aug. 23, 1926. Serial No. 130,896, and in Germany June 14, 1926. 3 Claims. (Cl. 101—328.)

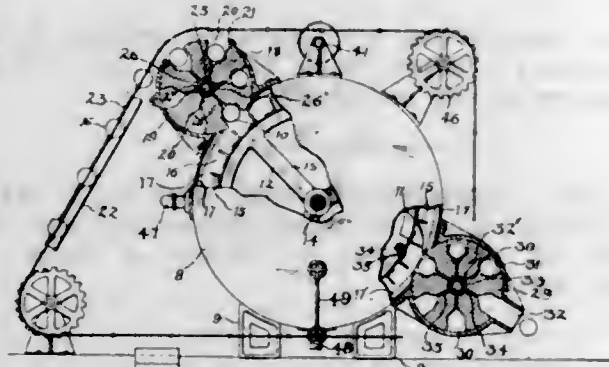
1. A device of the character set forth, comprising a handle, a roller rotatably journaled therein and pre-

seating a longitudinal wall depression, an element surrounding said roller and its facing longitudinal edges disposed in said roller depression, means on said roller



for respectively securing these edges in place and for lifting the roller off the operated upon surface at the end of its operative movement thereover.

1,646,577. CONTINUOUS COOKER. FRANK D. CHAPMAN, Berlin, Wis. Filed Mar. 15, 1926. Serial No. 94,993. 14 Claims. (Cl. 126—272.)



1. A cooker, comprising a drum for receiving a heating medium and having an inlet opening and a discharge opening, a carrier within the drum, an inlet valve adjacent the inlet opening, a fluid pressure means for moving the cans from the valve to the carrier, an outlet valve adjacent the discharge opening of the drum, and a fluid pressure means for moving cans from the carrier to the discharge valve and from the discharge valve outwardly.

1,646,578. PROPELLER VENTILATING MOTOR. FREDERICK CHARAVAY, Piqua, Ohio, assignor of one-half to George W. Hartzell, Piqua, Ohio. Filed May 11, 1926. Serial No. 108,305. 4 Claims. (Cl. 230—259.)

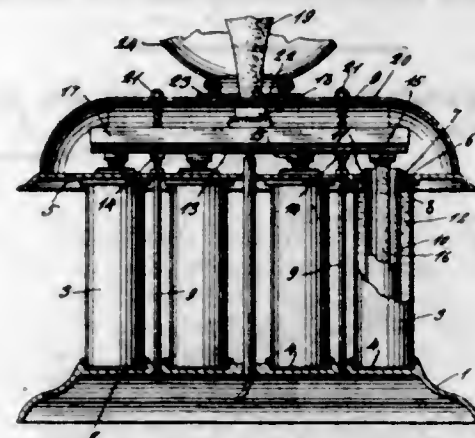


1. The combination with an electric motor, of a ventilating rotor operated by said motor in front of one end of it, and a channel member applied to the other end of said motor and having on each side an open extension communicating with the motor interior.

1,646,579. DISPLAY DEVICE FOR OILS. HAROLD G. DAVIS, Denver, Colo., assignor to The Davis and Son Manufacturing Company, Denver, Colo., a Corporation of Colorado. Original application filed July 13, 1925, Serial No. 43,194. Divided and this application filed Aug. 30, 1926. Serial No. 132,646. 2 Claims. (Cl. 221—67.)

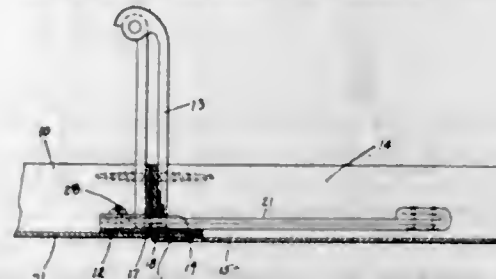
1. An apparatus for displaying lubricating oils comprising a base member provided with a plurality of recesses in its upper surface, an open topped glass jar supported in each recess, a cover plate supported on the upper ends of said jars, said cover plate being provided

on its underside with recesses for the reception of the upper ends of said jars and with openings concentric with the recesses, means for connecting the cover plate



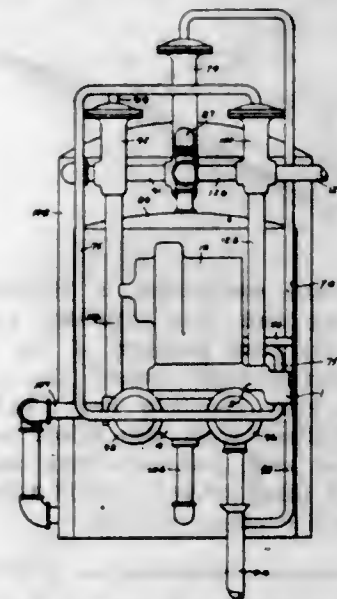
to the base, and a glass tube of smaller outside diameter than the inside diameter of the jar located concentrically within each jar and having its upper end extending above the cover plate.

1,646,580. DOORCHECK. FLOYD K. EASTMAN, Kokomo, Ind., assignor to Concealed Door Check Company, Kokomo, Ind., a Corporation. Filed Apr. 23, 1926. Serial No. 104,081. 5 Claims. (Cl. 16—82.)



1. A check for limiting the opening movement of a door comprising a fabric strap, an enlarged head on one end thereof, and a metal strip mounted intermediate the ends thereof so mounted thereon as to maintain said strap normally in a straight line and prevent buckling thereof while freely permitting longitudinal resiliency.

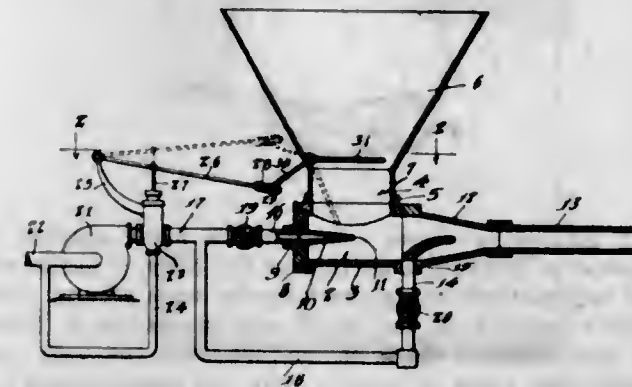
1,646,581. WATER SOFTENER. CHARLES P. EISENHÄUER, Dayton, Ohio, assignor to The Duro Company, Dayton, Ohio, a Corporation of Ohio. Filed July 26, 1926. Serial No. 124,931. 34 Claims. (Cl. 210—24.)



1. In a water softener, a softening means, a regenerating means, means to convey hard water to the system, means to convey hard water to the regenerating means to force a regenerating solution therefrom into the softening means, a drain line, a flush water line, a flush

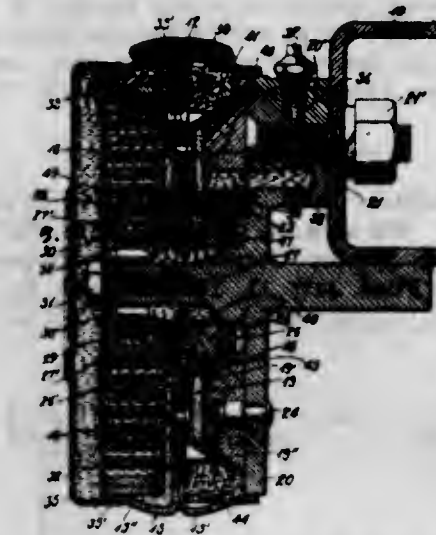
water valve, a drain valve, a reversing valve, a regenerating material valve, means of operating said valves hydrostatically, means operated by the incoming hard water for controlling the hydrostatic means operating said valves.

1,646,582. MIXER AND PROPORTIONER. EARL PALMER HALLIBURTON, Los Angeles, Calif. Filed Aug. 9, 1926. Serial No. 128,299. 5 Claims. (Cl. 83—78.)



1. A mixer comprising a container for dry material, means for forming a high velocity stream of liquid for drawing in, mixing, and delivering an admixture of said dry material and liquid, and means operated by the weight of the dry material within the chamber for establishing said high velocity jet of liquid, and operative, in the absence of said weight, to shut off said high velocity stream of liquid.

1,646,583. REBOUND CHECK WITH LUBRICATING SYSTEM. ROBERT H. HASSLER, Indianapolis, Ind., assignor, by mesne assignments, to Hassler Manufacturing Co., Inc., Indianapolis, Ind., a Corporation of Delaware. Filed Dec. 18, 1925. Serial No. 76,294. 3 Claims. (Cl. 267—10.)

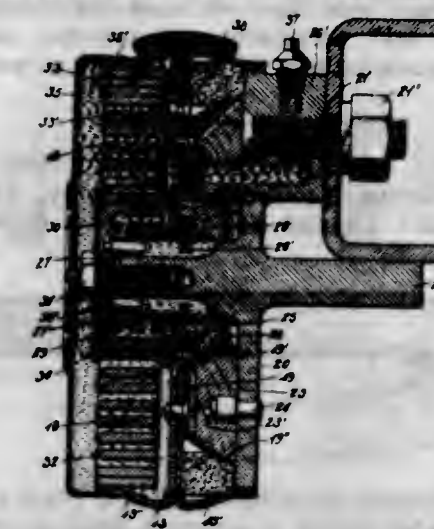


3. In a stabilizer, a pair of annular telescopic casing elements removably secured together, cooperating friction faces fixed on said casing elements and enclosed thereby, and means for leading a lubricant under pressure into the enclosure of said casing elements, whereby the cooperating friction faces enclosed therewith will be lubricated.

1,646,584. REBOUND CHECK. ROBERT H. HASSLER, Indianapolis, Ind., assignor, by mesne assignments, to Hassler Manufacturing Co., Inc., Indianapolis, Ind., a Corporation of Delaware. Filed Dec. 18, 1925. Serial No. 76,295. 19 Claims. (Cl. 267—10.)

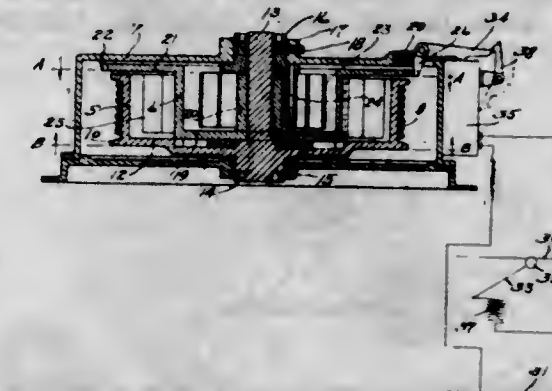
1. In a rebound check, an annular conical friction element, a drum comprising oppositely disposed cylindrical flanged discs, a hub supporting member, a conical friction cup mounted on said drum and engaged with the

friction element, spring means for forcing the friction cup against said friction element, a member for oscillat-



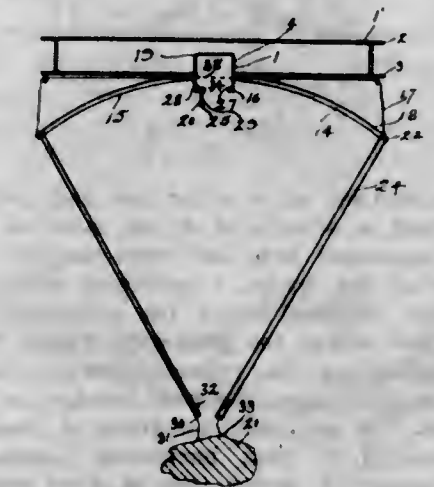
ing said flanged discs, and means for securing one end of said member to the flanged discs of said drum externally thereof.

1,646,585. TROLLEY RETRIEVER. JOHN WESTLEY HURST, Minneapolis, Minn. Filed Mar. 8, 1926. Serial No. 92,985. 5 Claims. (Cl. 191—88.)



1. A trolley retriever including a drum, a cable attached to the drum, power means for rotating the drum to wind the cable thereon and having a lock member, a dog operative on the lock member to hold the power means idle, means tending to release the dog, in combination with an electromagnetic retainer for holding the dog operative, said retainer being connected to and normally energized by the trolley circuit and operative to release said dog when de-energized by the breaking of the trolley circuit, and a latch for positively holding the dog operative.

1,646,586. AEROPLANE SAFETY DEVICE. BEN LOTH, Cincinnati, Ohio. Filed Mar. 17, 1926. Serial No. 95,260. 3 Claims. (Cl. 244—21.)



1. The combination with an aeroplane having downwardly curved wings capable of being opened and closed of a trap-door in said bottom, a relatively heavy object

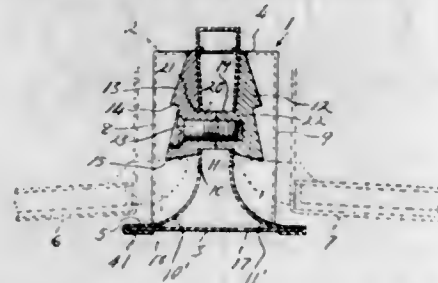
mounted on said door, arms pivotally mounted on said wings, lines connecting said arms and said object, and means to permit said door to open for dropping said object below said aeroplane and pivoting said arms downwardly, substantially as and for the purposes specified.

1,646,587. BRAKE-BEAM-SUPPORTING BOLT. ERRELL CARROLL LUNSFORD, Shreveport, La. Filed Jan. 20, 1927. Serial No. 162,366. 3 Claims. (Cl. 85-1.)



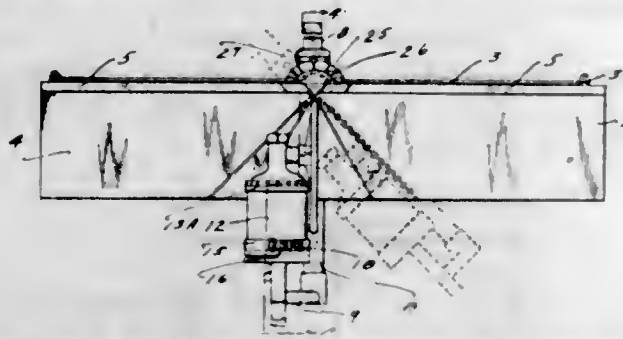
1. A bolt member for attachment to a beam comprising a screw threaded shank, a J-shaped head on said shank and a knife edge positioned between the underside of said J-shaped head and said shank for preventing longitudinal movement of said bolt member along said beam.

1,646,588. STRIKER-PLATE ASSEMBLY. LA MONT A. MCDOWELL, Detroit, Mich., assignor to Hupp Motor Car Corporation, Detroit, Mich., a Corporation of Virginia. Filed June 1, 1926. Serial No. 112,950. 9 Claims. (Cl. 292-340.)



9. A striker plate assembly comprising a jamb, striker plates upon two sides of said jamb, and means for securing said striker plates to said sides of said jamb, including adjustable element extending transversely of said jamb and said striker plates.

1,646,589. MITER BOX FOR POWER-DRIVEN SAWS. JOHN B. MEER and CECIL F. HAYSE, Portland, Oreg. Filed Dec. 4, 1924. Serial No. 753,874. 3 Claims. (Cl. 143-6.)



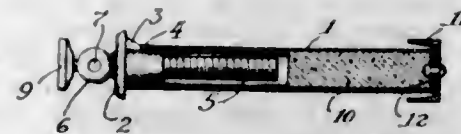
3. The combination of a miter box and power driven saw, comprising a structural frame mounted upon leg supports, a removable base and back disposed upon the upper surface of the frame, a guideway journaled about a vertical axis disposed below the structural frame, a slide maintained within the guideway, a base bracket detachably mounted on the forward end of the slide, a graduated quadrant upon the base bracket, a horizontal journal within the graduated quadrant, a cradle bracket pivotally mounted in said horizontal journal, cradles adapted to support a power saw in fixed position, disposed upon the cradle bracket, a power saw mounted in said cradles, and means to secure the cradle bracket in a fixed position on said horizontal journal.

1,646,590. MASSAGE BANDAGE AND THE LIKE. JULIUS MILDENBERG, Dusseldorf-Oberkassel, Germany. Filed Apr. 27, 1926. Serial No. 104,897, and in Germany Feb. 12, 1925. 2 Claims. (Cl. 128-64.)



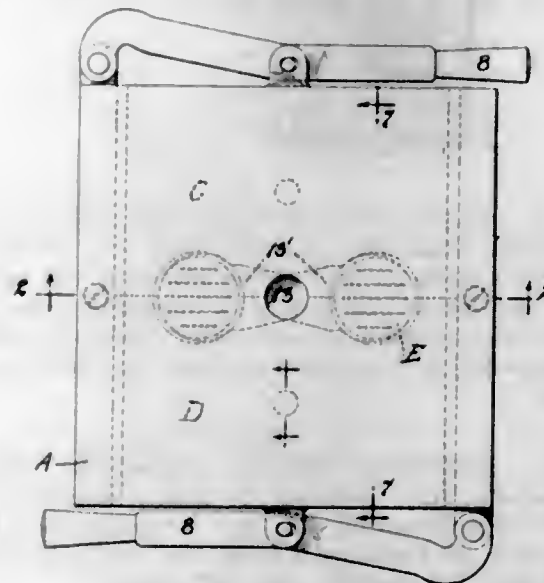
1. A massaging device comprising a band adapted to be applied to embrace a portion of the body, a pneumatic bag of substantially oblong rectangular form secured upon the inner surface of the band and presenting a broad inner wall adapted to lie in contact with the body and an outer wall lying in contact with the band, means for inflating said bag, and stiffening members on the outer side of the band arranged transversely thereof in spaced relation opposite the outer wall of the bag.

1,646,591. JACK. FRANK P. NOE and SETH M. GOODER, Chicago, Ill. Original application filed Jan. 13, 1926. Serial No. 80,905. Divided and this application filed July 30, 1926. Serial No. 125,901. 2 Claims. (Cl. 254-100.)



1. A jack device comprising a body member in the form of a long thin walled pipe having one end filled with concrete, a head at the other end of the pipe, and a jack screw extending through said head into the free space in the pipe.

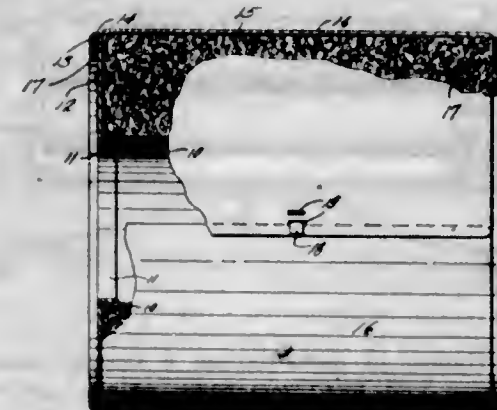
1,646,592. MOLD FOR DIE-CASTING SCREENING BUTTONS. WILLIAM A. PARKER, Erie, Pa., assignor to Layne & Bowler Corporation, a Corporation of California. Filed July 11, 1922. Serial No. 574,123. 16 Claims. (Cl. 22-136.)



1. A mold for die-casting screening buttons having an appropriate mold cavity and members for forming the screening slots and provided with a gate for the introduction

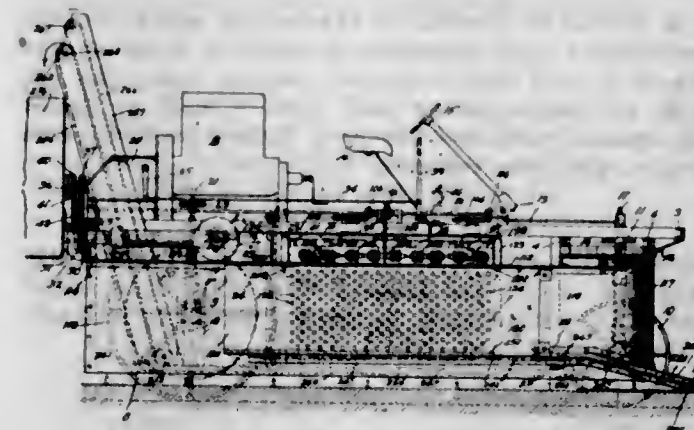
of the hot metal so located as to feed the metal into the mold cavity in a direction substantially parallel with the said members.

1,646,593. REEL FOR BARBED WIRE. HENRY J. PETERSON, Webster City, Iowa. Filed Mar. 22, 1926. Serial No. 96,601. 2 Claims. (Cl. 206-59.)



1. An improved reel for barbed wire, comprising in combination a central hollow core member, two disk shaped end members fixed thereto and designed to receive a quantity of barbed wire wound thereon, and a protecting outer member formed of sheet metal and provided with pointed projections at its edges arranged substantially at right angles to the body portion and shaped to be wedged between the end disks and the body of wire wound thereon, for the purposes stated.

1,646,594. COTTON-PICKING MACHINE. FRANK PHELPS and MORTON F. PHELPS, Little Rock, Ark., assignors to Phelps Cotton Picker Company, Little Rock, Ark., a Corporation of Arkansas. Filed Feb. 23, 1923. Serial No. 620,690. 27 Claims. (Cl. 56-41.)

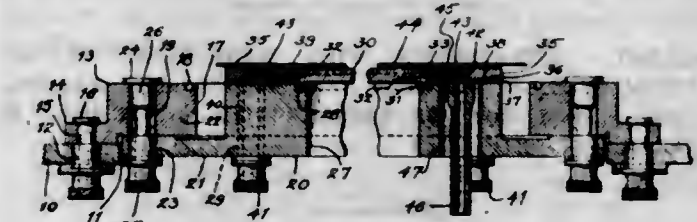


1. In a cotton picking machine, the combination, with a longitudinally movable frame member, of a transversely movable carrier mounted therein, a series of picking spindles mounted in said carrier, an independent transversely movable carrier provided with a series of stripper heads engaged by said spindles, and means for moving said frame member and said carriers, substantially as described.

1,646,595. APPARATUS FOR PRINTING FROM NEGATIVES ONTO SENSITIZED SURFACES. GEORGE REIN, Baltimore, Md. Filed Feb. 13, 1925. Serial No. 8,876. 20 Claims. (Cl. 95-76.)

1. The combination with a holder adapted to secure a negative of one size for printing therefrom onto a sensitized surface, of means for securing a negative of predetermined smaller size for printing on said surface,

said means being coextensive with the edges of said smaller negative, means for sealing off the space included between said surface and said smaller negative,

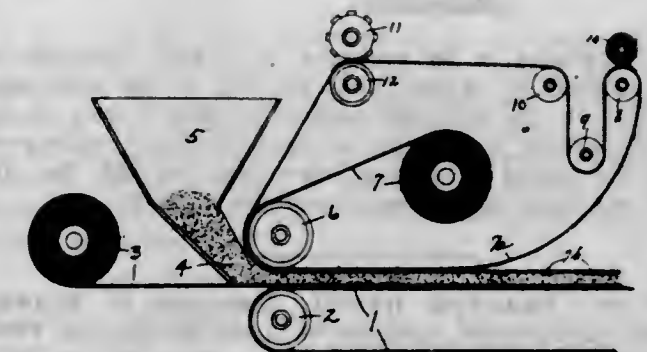


and a duct for exhausting the air in said space whereby the portion of said surface bounding said space is forced into engagement with said smaller negative.

1,646,596. PROCESS OF PREPARING A MEDIUM FOR THE TREATMENT OF WATER. HERMAN REINHOLD, Omaha, Nebr. Filed Aug. 10, 1925. Serial No. 49,457. 4 Claims. (Cl. 252-1.)

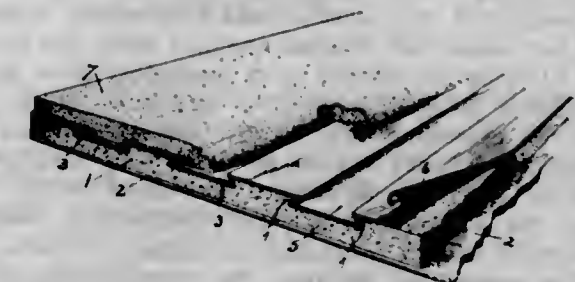
1. The process of preparing a water treating medium and germicide comprising treatment of hydrous sodium silico aluminate with chlorine gas.

1,646,597. PROCESS OF MAKING PLASTER BOARD. ORVILLE L. RUTT, Los Angeles, Calif. Filed Aug. 23, 1922. Serial No. 583,729. 2 Claims. (Cl. 154-2.)



2. The process of making plaster board consisting of forming plastic material into sheets between two sheets of paper, one of said sheets being doubled as it is pressed upon said plastic material, the lap of said paper being pressed directly upon said plastic material being perforated and the other lap of said paper covering said perforations as said plastic material is rolled into sheets, and being pulled away therefrom after said plastic material is formed into sheets and removing small quantities of said plastic material through said perforations, whereby to roughen the same to receive plaster thereupon.

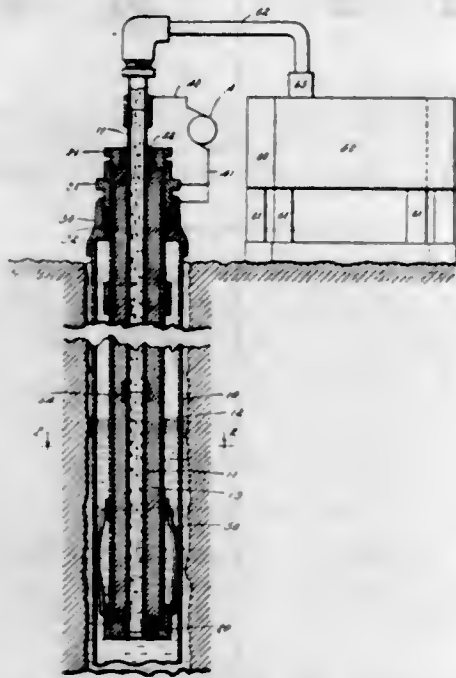
1,646,598. PLASTER BOARD. ORVILLE L. RUTT, Los Angeles, Calif., assignor to Plastoid Products, Inc., a Corporation of California. Filed Apr. 17, 1925. Serial No. 23,855. 3 Claims. (Cl. 72-124.)



1. Plaster board and the like formed of plastic material and having a cover sheet with its side next to said plastic material water proofed and its outer side untreated,

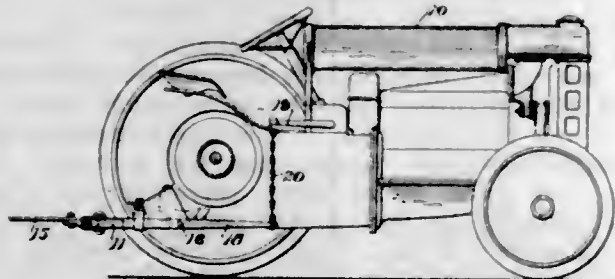
and means interlocking said sheet to said plastic material, and means whereby when plaster is applied to said cover sheet it is interlocked to said sheet and said plaster board.

1,646,599. APPARATUS FOR REMOVING FLUID FROM WELLS. GEORGE A. SCHAEFER, Los Angeles, Calif. Filed Apr. 30, 1925. Serial No. 26,883. 8 Claims. (Cl. 219-33.)



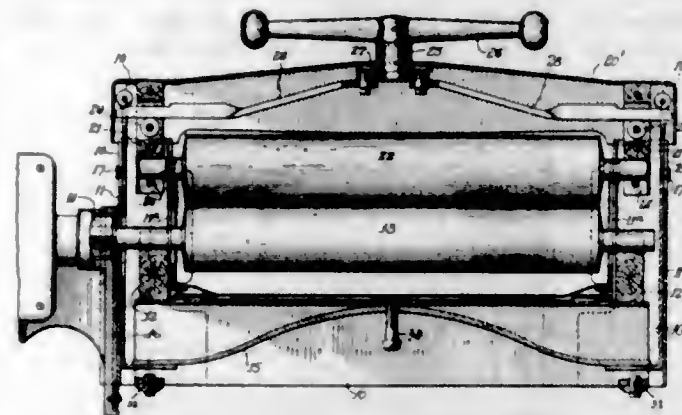
1. Apparatus to be arranged in a well including, a fluid conduit to extend from the top of the well into the fluid in the well, the conduit forming a part of an electric circuit and being of such electrical resistance as to be heated by flow of electricity through the circuit, and heat insulation around the conduit.

1,646,600. TRACTOR HITCH. THEODORE G. SCHMEISER, Davis, Calif., assignor to John H. Herring, Piedmont, Calif. Filed Sept. 12, 1923. Serial No. 662,209. 1 Claim. (Cl. 180-82.)



In combination with a tractor, of a yoke connected with the transmission housing of the tractor at the bottom and the rear thereof, said yoke having downwardly depending portions, a pair of longitudinal members pivoted to said portions for vertical swinging movement, the rear ends of said longitudinal members being bent outwardly and rearwardly, an arcuate bar extending between said rear ends of said longitudinal members, a draw bar connection slidably engaged with said arcuate bar for hitching the tractor to an implement to be drawn, a ball-shaped member secured to said yoke at the rear thereof and extending downwardly, the sides of the ball terminating in hooks engageable with said longitudinal member to limit the downward movement of the rear ends of the latter, one of said longitudinal members being formed with a forwardly extending extension, and a flexible connection between the terminating end of said extension and the clutch pedal of the tractor whereby upward swinging movement of the front end of the tractor about the rear axle thereof will be accompanied by disengagement of the clutch.

1,646,601. WRINGER CONSTRUCTION. SIMON E. SCHROEDER, Newton, Iowa. Filed Mar. 20, 1925. Serial No. 17,095. 10 Claims. (Cl. 68-32.)



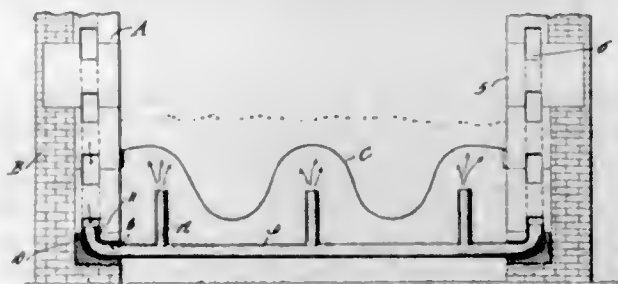
1. In a wringer, in combination, a frame comprising telescoping base and head members, wringer rolls non-yieldably supported in each frame member, a bar spring in the base frame member, connector members engaging the ends of said spring, latch means on the head for engagement with and lengthwise projection into the connector members, and quick release means for actuating the latch means to effect frame interlock and coincident tensional relation between the rolls.

1,646,602. OXY-FUEL GAS TIP AND PROCESS OF MAKING. ELMER H. SMITH, Minneapolis, Minn. Filed Feb. 4, 1926. Serial No. 86,000. 4 Claims. (Cl. 204-6.)



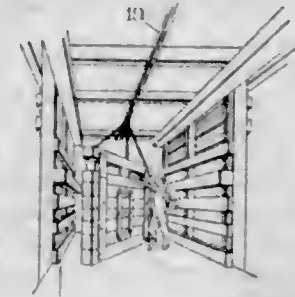
1. A process of forming an oxy-fuel tip which consists in providing a core, mounting a series of wires on the periphery of said core in spaced relation, immersing the core in an electro-plating bath until a shell or jacket of the desired thickness has been formed over the core and wires and then removing the wires.

1,646,603. AIR-COOLED FURNACE STRUCTURE. FRANK H. WAITE and GEORGE W. DAVEY, Long Island City, N. Y. Filed Mar. 31, 1923. Serial No. 629,186. 4 Claims. (Cl. 110-69.)



1. In a furnace, side walls constructed of blocks having air passageways extending in two directions therethrough, a grate between said walls, an air inlet and an air outlet communicating with the passageways of each wall, and a duct located below and transversely of the grate, having upstanding nipples formed therein, the ends of the said duct terminating in the air passageways within the walls.

1,646,604. STOCK-CAR PARTITION. CHARLES H. WELLS, Endicott, Nebr. Filed July 10, 1926. Serial No. 121,607. 3 Claims. (Cl. 119-11.)

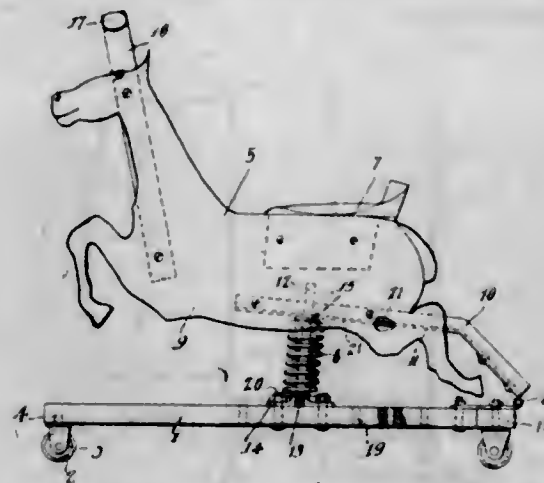


1. A stock car having lateral walls consisting of a plurality of pairs of spaced uprights and horizontal beams connecting said uprights and secured thereto in spaced apart relation, a portable partition in said stock car, said partition including horizontal fixed beams having a length slightly less than the inner width of the car, said fixed beams being secured together in parallel and spaced apart relation, slidable beams between said fixed beams, said slidable beams being each formed of two oppositely slidable parts, a pair of straps connecting said slidable beams whereby all of said slidable beams will be in two oppositely movable groups so that their extremities will enter the rectangular spaces between the uprights and the horizontal beams of the stock car, and straps between each pair of said uprights for limiting the outward movements of said slidable beams.

1,646,605. BATTING PROCESS. WILLIAM BURTON WESCOTT, Quincy, Mass., assignor to The Rubber Latex Research Corporation, Boston, Mass., a Corporation of Massachusetts. Filed Nov. 18, 1922. Serial No. 601,911. 2 Claims. (Cl. 91-68.)

1. In the felting of smooth fibers the process which comprises batting such fibers, coating and impregnating the batted fibers with latex, drying, and during drying producing a slowly reduced atmospheric pressure.

1,646,606. CHILD'S SCOOTER. OSCAR WILSON, Santa Ana, Calif., assignor of one-half to Lenore Hazel Wilson, Santa Ana, Calif. Filed May 24, 1926. Serial No. 111,236. 6 Claims. (Cl. 208-165.)

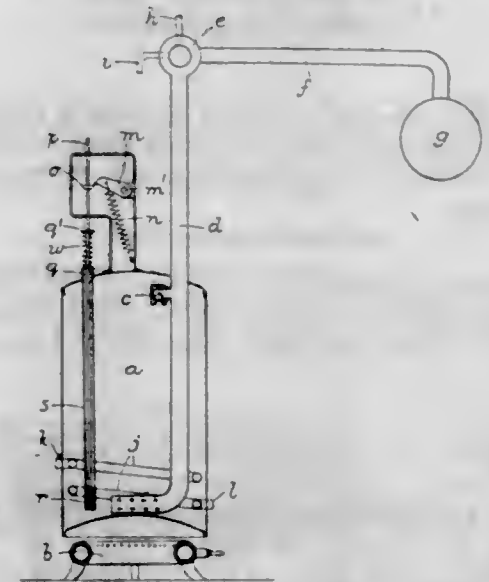


1. In a child's scooter, the combination of a base with a rigid lateral extension at its end, rollers adapted to support the base on a pavement or floor, an oscillating support above the base and having a seat for the child, means for guiding the seat to enable it to move down when the child puts his weight on it, a spring adapted to be compressed by the child's weight for moving the support upwardly, said base being of sufficiently narrow width to permit the child on the seat to strike the ground with his feet when the support moves down, to propel the scooter forwardly, the said rollers including

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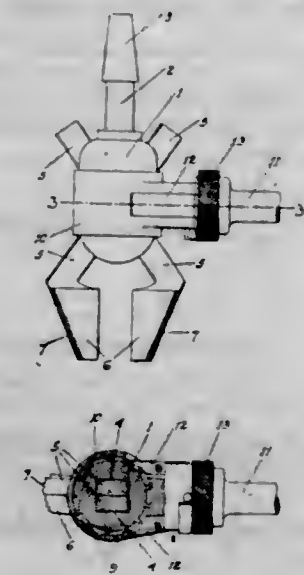
a pair of rollers mounted on individual swivel pins at a greater distance apart than the width of the base adjacent the seat and operating to give lateral stability to the scooter.

1,646,607. REFRIGERATING APPARATUS. JENS ORTEN BOVING, Westminster, London, England. Filed Dec. 22, 1926. Serial No. 156,274, and in Great Britain Mar. 5, 1926. 4 Claims. (Cl. 62-5.)



1. In a refrigerating apparatus of the reversing absorption type, a boiler-absorber, means for heating said boiler-absorber, means for cooling said boiler-absorber, means for controlling said heating and cooling means, a loaded trip operating said controlling means, a pocket extending into said boiler-absorber, a fusible plug located in said pocket, and a rod resting on said fusible plug and supporting said loaded trip.

1,646,608. WRENCH. FRANK H. BRADSHAW, Reno, Nev. Filed June 22, 1925. Serial No. 38,739. 3 Claims. (Cl. 81-61.)

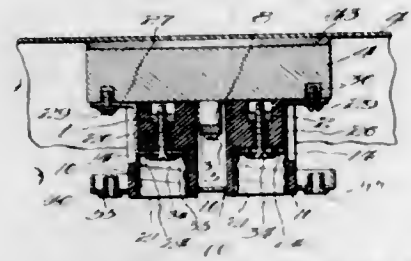


1. A wrench comprising a body, opposed and cooperating jaws adjustably mounted therein, handle means for turning the body removably applied thereto, and means formed integral with the jaws for normally retaining the handle means against removal.

1,646,609. SOCKET. ERNEST L. BRENK, Cicero, Ill. Filed Apr. 27, 1923. Serial No. 634,984. 4 Claims. (Cl. 173-242.)

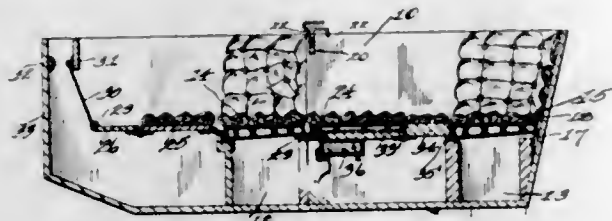
1. A device comprising a cup of insulating material having opposed openings in the sides, a strap lying in the cup on the bottom wall thereof and extending out-

wardly through one of said openings, a block of insulating material lying on said strap, a second strap overlying said block of insulating material and extend-



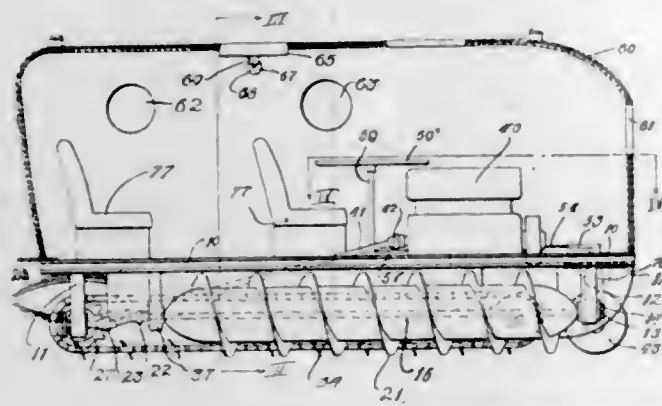
ing outwardly through the other opening, a single screw passing through said straps and said block to hold them together, and means for insulating said screw from one of said straps.

1,646,610. AUTOMOBILE SEAT CONSTRUCTION. PEARL G. BURDINE, Chester, Miss. Filed Feb. 4, 1925. Serial No. 6,792. 1 Claim. (Cl. 155-7.)



The combination with the front and rear seat boxes and the seat cushions of an automobile, the upper forward edge of the rear seat box having a longitudinal lip, of a back for the front seat hinged to the seat box thereof and arranged to be lowered to the level of the said rear box, a hinged extension on the upper portion of said seat back having a longitudinal groove receiving said lip therein whereby to hold said seat back in proper position, the lower edge of the said back having projections arranged to engage beneath the rear edge of the front cushion to elevate the latter into horizontal position, a foldable extension cushion on the front of the front box, and a flexible support for the last-named extension.

1,646,611. AMPHIBIOUS VEHICLE. SAMUEL M. CODE, Chicago, Ill. Filed Sept. 20, 1926. Serial No. 136,428. 6 Claims. (Cl. 115-1.)

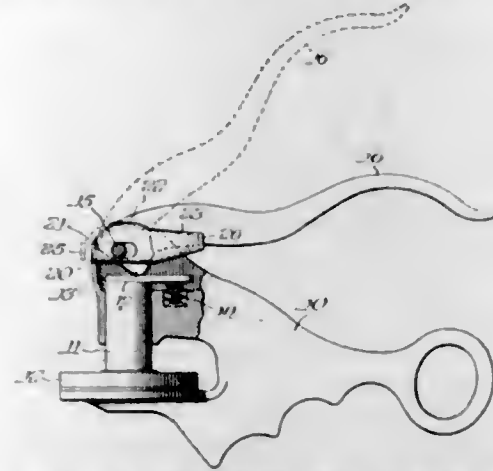


4. In a vehicle, a frame, propeller pontoons yieldably supported from said frame, and other propelling means carried by said frame, said propeller pontoons and other propelling means constituting amphibious traction means.

1,646,612. LOCK FOR POCKET SEALS. MATT M. COREY, Chicago, Ill., assignor to R. D. Swisher Mfg. Co., Chicago, Ill., a Corporation of Illinois. Filed Nov. 6, 1925. Serial No. 67,211. 1 Claim. (Cl. 101-3.)

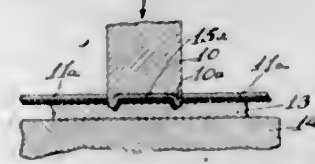
In a pocket seal, a frame having a pivoting pin and a shoulder serving as a stop, an operating lever pivoted upon the pin and having a shoulder arranged to engage

the shoulder on the frame, a spring supported by the frame and acting upon the lever so as to raise it and bring said shoulders into contact with each other, and a locking device made in the form of a slide guided upon said



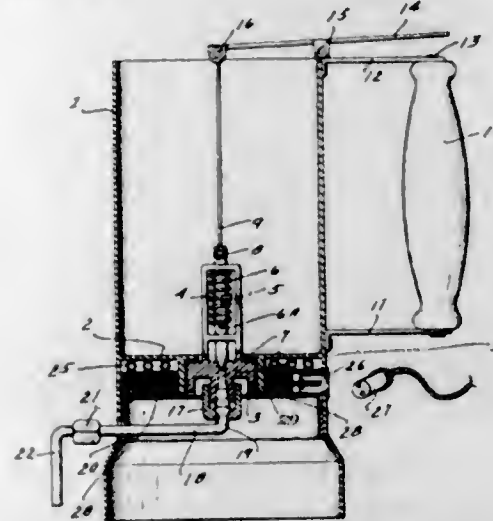
pin and a part of said frame, said locking device having a lateral projection arranged to be inserted between said shoulders when the operating lever is manually depressed.

1,646,613. PROCESS FOR MAKING EMBOSSED SHOW CARDS. FREDERICK DUDLEY COURTENAY, Chicago, Ill., assignor to Embosograf Corporation of America, New York, N. Y., a Corporation of New York. Filed Apr. 16, 1926. Serial No. 102,475. 24 Claims. (Cl. 41-34.)



4. The method of making embossed show cards consisting in coating thin sheet material with adhesive material that is heat responsive, then applying a desired design from said sheet material to a mounting board by pressure, and then securing said applied design to said mounting board by heat.

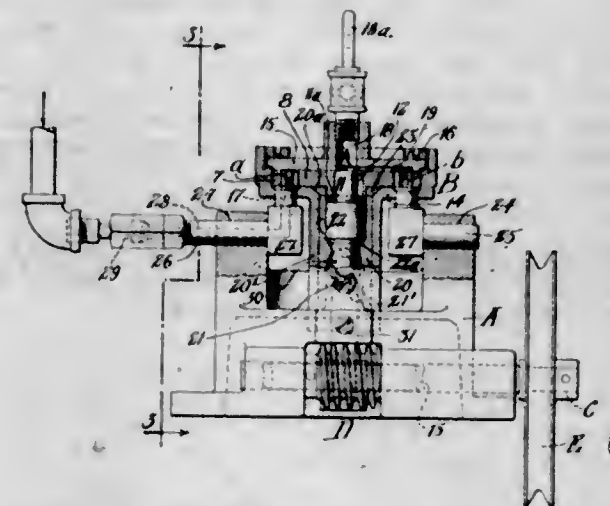
1,646,614. LIQUID HEATING AND DISPENSING MECHANISM. CHARLES M. FRYE, Amlty, Ore., and JOHN F. COPP, Hawthorne, Calif. Filed June 2, 1925. Serial No. 34,316. Renewed Jan. 22, 1927. 1 Claim. (Cl. 221-16.)



A liquid heating and dispensing mechanism, comprising a container, a bracketed handle disposed parallel with the side wall and adjacent the top of the container, an opening central of the base of the container, a valve unit, having a central outlet, detachably mounted within said opening, a needle valve stem slidably mounted in said valve unit and adapted to close said central outlet, a compression spring placed about said needle valve stem and

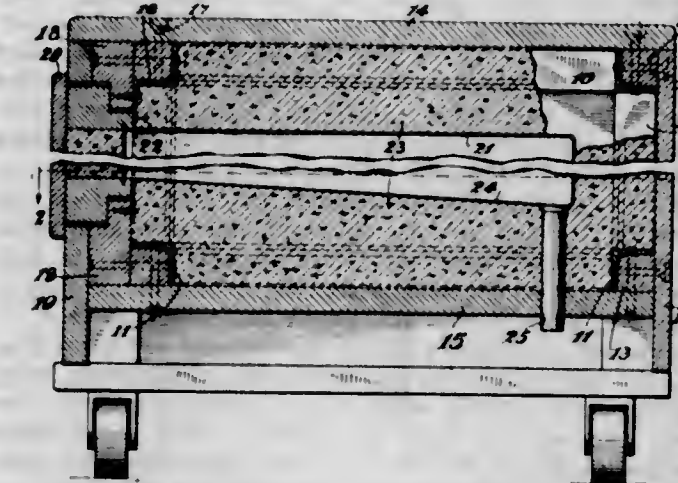
normally causing it to close the central outlet in the valve unit, means for moving the needle valve into and out of engagement with the central outlet, comprising a thumb actuator pivotally mounted on the upper edge of the container and above the handle and a link pivotally disposed between the inner end of said thumb actuator and the upper end of said needle valve stem; an outlet pipe, a threaded nut engaging with the underside of the valve unit, and securing the outlet pipe thereto, a terminal tube, a union securing the terminal tube to the outlet pipe; a false bottom disposed below and adjacent the bottom of the container, electric heating elements disposed within the space between the bottom of the container and the false bottom, socket terminals for said heating element, and insulating material disposed below and between the heating elements and the false bottom.

1,646,615. PUMP. WILLIAM H. FURNESS, National Park, N. J., assignor to Cellocik Company, Philadelphia, Pa., a Corporation of Delaware. Filed Oct. 2, 1924. Serial No. 741,134. 14 Claims. (Cl. 103-126.)



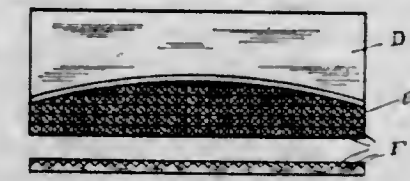
1. A pump including a pump body, fluid pressure creating means carried in said body comprising, an internal gear and pinion and means for altering the relation of said gear and pinion whereby pressure and capacity conditions may be varied.

1,646,616. REFRIGERATOR BOX. JACK CARL JANKUS, Scranton, Pa., assignor, by mesne assignments, to Iceless Automatic Refrigerator Company, Dover, Del., a Corporation of Delaware. Filed Nov. 4, 1924. Serial No. 747,768. 12 Claims. (Cl. 217-5.)



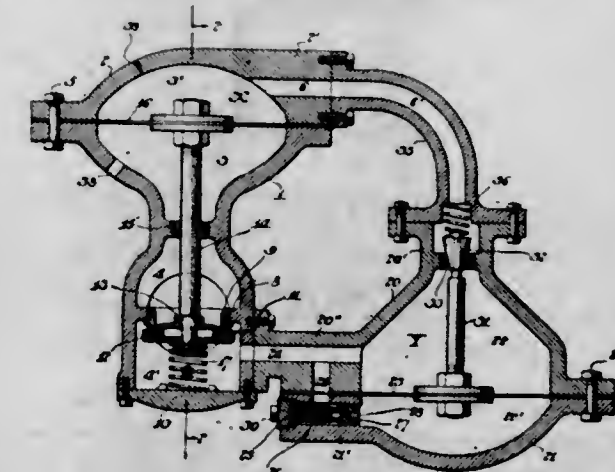
1. A refrigerator box including an outer wall having a door frame, an inner lining formed of sheet metal and provided with outwardly extending flanges secured to the inner surface of said door frame, insulation between said outer wall and said lining, and a skeleton metal frame within the space between said outer wall and said lining and secured to said outer wall.

1,646,617. COMBINED REAR AUTOMOBILE WINDOW AND WARNING SIGNAL. HENRY KOLLER, Chicago, Ill. Filed July 28, 1924. Serial No. 728,346. 3 Claims. (Cl. 88-1.)



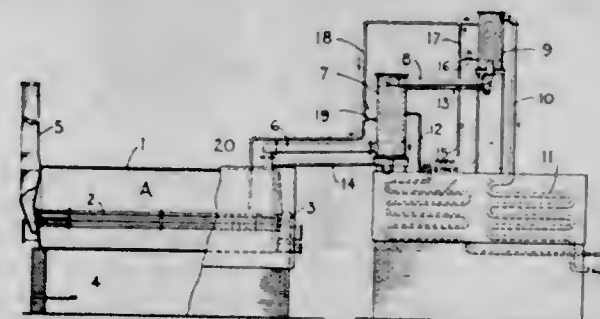
1. A window for automobiles and the like having a transparent upper portion and a lower reflecting portion silvered on its inner face and having an outer face formed with broken reflecting faces.

1,646,618. DRY-PIPE-VALVE ACCELERATOR. LEROY M. LEWIS, Ardmore, Pa. Filed Apr. 23, 1925. Serial No. 25,187. 11 Claims. (Cl. 169-20.)



1. An accelerator comprising a body having separated diaphragm chambers, a valve chamber having an inlet, a passage establishing communication between the diaphragm chambers, a valve controlling the flow of fluid from the inlet side of said valve chamber to another part thereof and operatively connected with a diaphragm in one of the diaphragm chambers, a valve controlling the passage between the diaphragm chambers and operatively connected with the diaphragm in the other diaphragm chamber and means establishing communication between the inlet side of the valve chamber and said last mentioned diaphragm chamber at points on opposite sides of the diaphragm therein.

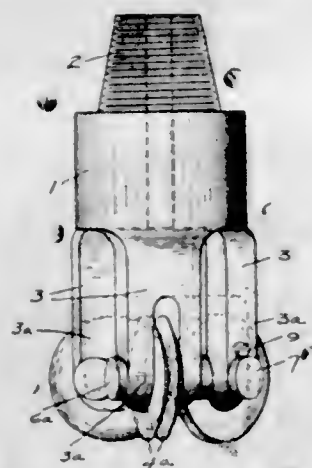
1,646,619. ART OF FRACTIONAL DISTILLATION. NATHANIEL E. LOOMIS, Elizabeth, N. J., and WARREN K. LEWIS, Newton, Mass., assignors to Standard Development Company, a Corporation of Delaware. Filed July 21, 1922. Serial No. 576,611. 4 Claims. (Cl. 196-72.)



3. Process of continuously distilling hydrocarbon oil of the character of petroleum to obtain products having a relatively narrow range of boiling points, said process

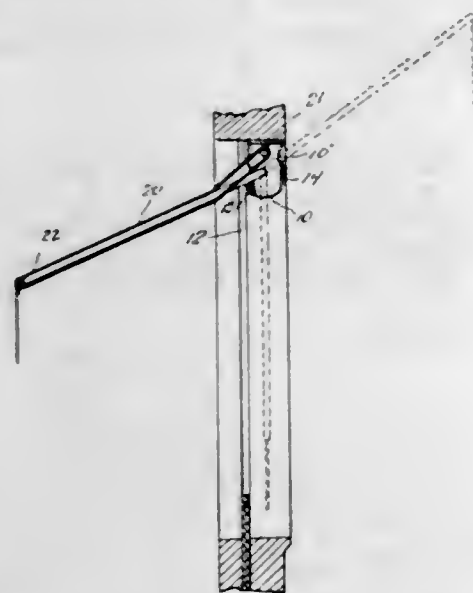
comprising distilling the oil, passing vapors therefrom through a fractionating zone, preheating at least a portion of feed oil passing to the distilling zone by indirect heat exchange with vapors from said fractionating zone, thereby partially condensing such vapors, introducing the preheated feed oil into an intermediate portion of said fractionating zone and flowing it downwardly therethrough in contact with ascending vapors, regulating the amount of condensation by by-passing to the fractionating zone any portion of the feed oil in excess of that required in said heat exchange, and condensing vapors passing from the partial condensation zone.

1,646,620. ROTARY DISK DRILL. JAMES W. LOY, Long Beach, Calif., assignor of one-half to F. M. Fishback, Long Beach, Calif. Filed Sept. 4, 1923. Serial No. 660,922. 5 Claims. (Cl. 255-71.)



1. A rotary disk drill including a drill shank having three leg portions each terminating in a pair of legs and three cutter disks rotatably mounted thereon to move bodily around the axis of said drill shank and each standing at an angle to the radial, whereby their bodily movement in operation causes each to revolve about its own axis, each of said cutter disks having two cutting edges of substantially the same diameter.

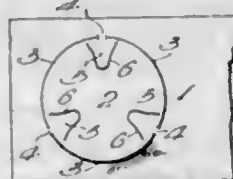
1,646,621. SUNSHADE FOR AUTOMOBILE WINDOWS. FRANK B. MARSHALL, Kinsley, Kans. Filed Nov. 15, 1926. Serial No. 148,470. 2 Claims. (Cl. 156-15.)



1. A device of the class described comprising a shade frame member, outwardly disposed extensions on the frame member a bracket bar having depending arms disposed in spaced relation, each arm being provided with an opening, one or both of said arms having side edges bent

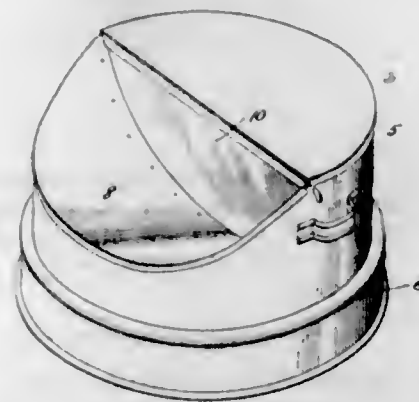
laterally to form side flanges, said flanges being bent to form notches, said extensions being journaled in said openings, and said frame member being engageable with the said notches.

1,646,622. KNOCK-OUT-TYPE ELECTRICAL INCLOSING BOX. RALPH K. MASON, Bantam, Conn., assignor, by direct and mesne assignments, to The Trumbull-Vanderpoel Electric Manufacturing Company, Bantam, Conn., a Corporation of Connecticut. Filed July 3, 1925. Serial No. 41,324. 5 Claims. (Cl. 247-26.)



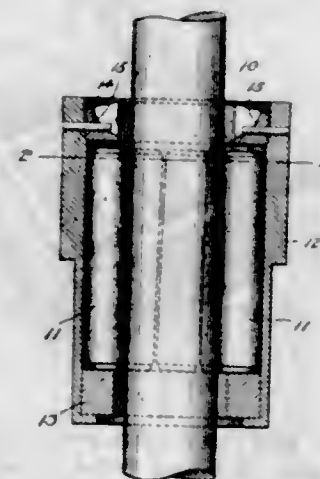
2. A metal electrical inclosing box having a main cut portion to provide an opening when removed, an uncut supporting portion normally connecting said main cut portion with the adjacent portion of the box, and a subsidiary cut partly surrounding said uncut supporting portion, providing a twistably removable portion for severing said uncut portion by a localized twisting operation.

1,646,623. ASH-CAN COVER. LAURA GEORGINA MCCONNELL, Madison, N. J. Filed May 22, 1926. Serial No. 111,021. 1 Claim. (Cl. 220-32.)



In an ash can lid of the class described a circular body of relatively great depth, closed at its top and open at its bottom, the lower portion of the circular body being flanged for slipping engagement upon the top of an ash can, the upper edge of the can engaging the shoulder formed at the juncture of the flange with the circular body so that the top of the circular body is disposed considerably above the open top of the ash can, said circular body having its top and side cut away at the front portion thereof to provide an opening that extends from the center of the top wall to the front side wall at a point above the flanged portion of the circular body, the side wall that is cut away increasing gradually in height from the front side of the lid to the center thereof, an inclined chute arranged within the opening and projecting into the body of the lid, the outer edge of the chute being bent over the curved edge of the cut out portion, the inner edge of the chute terminating at a point above the lower edge of the circular body, and a door hingedly secured at its upper edge to the under side of the top adjacent the edge portion of said cut out portion, said door being adapted for normal engagement against the inner edge of the chute for closing the inner end thereof, the door being adapted to be swung away from the inner edge of the chute by the weight of the ashes discharged into the chute to permit the ashes to drop into the ash can.

1,646,624. BEARING FOR TURBINE-PUMP SHAFTS. ALEXANDER G. MCKENNA, Washington, D. C., assignor to Pomona Manufacturing Company, Pomona, Calif., a Corporation of California. Filed Oct. 5, 1926. Serial No. 139,675. 5 Claims. (Cl. 308-231.)

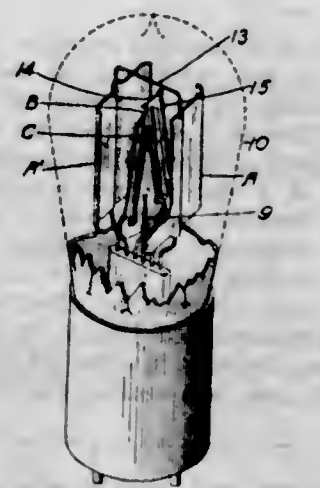


1. In combination, in a pump, a rotatable shaft, a sleeve surrounding said shaft, and a plurality of bearing elements essentially of rubber loosely retained in spaced relation in said sleeve and engaging said shaft whereby said elements will be free to engage the shaft along lines at an angle to the center of rotation of the shaft.

1,646,625. MANUFACTURE OF ARTIFICIAL SILK FROM VISCOSE. WILLIAM MENDEL, Beverly, N. J., assignor to Samuel A. Neldich, Edgewater Park, N. J. Filed May 23, 1925. Serial No. 32,454. 6 Claims. (Cl. 18-54.)

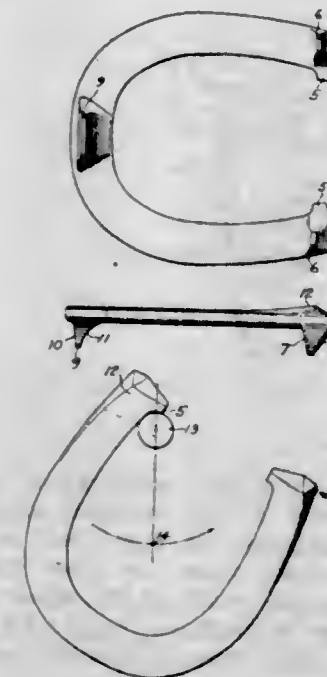
1. The method of manufacturing artificial silk filaments from viscose which consists in coagulating viscose by projecting a fine filament thereof into a coagulating medium and thence into an aqueous solution containing PO₄ ions.

1,646,626. VACUUM TUBE. HERBERT E. METCALF, San Leandro, Calif., assignor to The Magnavox Company, Oakland, Calif., a Corporation of Arizona. Filed July 23, 1924. Serial No. 727,708. 2 Claims. (Cl. 250-27.5.)



1. A three-electrode vacuum tube, comprising an anode, an integral, flat, sheet-metal, control electrode of a self-supporting character, having a substantially V-shaped slot cut therein, a filament arranged in said slot, and means for supporting the filament in spaced relation to the edges of the slot.

1,646,627. HORSESHOE. ORREN P. MOSSMAN, Eldora, Iowa, and FRANK R. NIVEN, Rochester, N. Y. Filed Mar. 30, 1927. Serial No. 179,630. 1 Claim. (Cl. 273-106.)



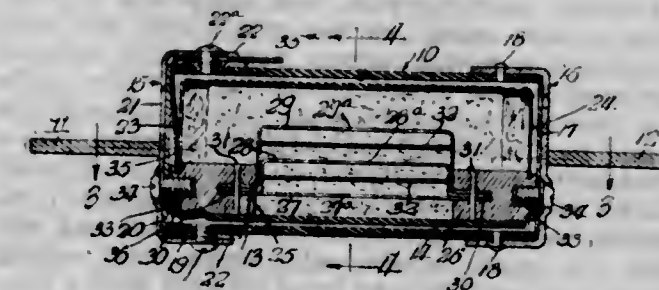
A pitching device of the general form of a horseshoe, provided, at the inner side of each end, with an abrupt inward projection, said projections extending directly toward each other, determining the width of the "heel" opening and being each of a length not over half the width of the end immediately adjacent the projection.

1,646,628. VIBRATION MODIFIER FOR DIAPHRAGMS. JAMES G. NOLEN, New York, N. Y. Filed Jan. 22, 1925. Serial No. 3,977. 21 Claims. (Cl. 179-182.)



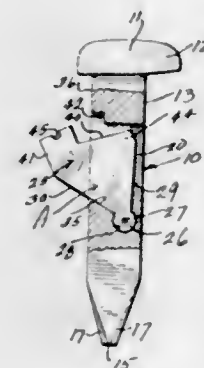
9. In combination, a telephone receiver including an ear piece having an opening therein; and a silk modifier diaphragm across said opening.

1,646,629. FUSE. ELMER L. OGLE, Chicago, Ill., assignor to Federal Electric Company, Chicago, Ill., a Corporation of Illinois. Filed Nov. 10, 1923. Serial No. 673,874. 2 Claims. (Cl. 200-128.)



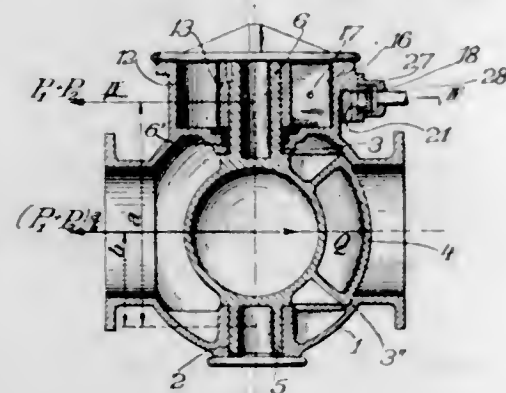
1. In an electric fuse, the combination of a fuse body having a contact member at each end, a cartridge body in said fuse body provided with metal caps, metal plugs connected to the metal caps of the cartridge, a plurality of parallel, spaced fusible bars in said cartridge body, said bars being formed to bring their ends into contact engagement, said ends being fixed in said plugs, and barriers of heat-resisting material interposed in the spaces between said bars and engaged against said cartridge body.

1,640,630. LOCK SPIKE. ROCCO PRONINI, Smith River, Calif. Filed Feb. 18, 1926. Serial No. 89,199. 10 Claims. (Cl. 85-23.)



9. In a railway spike the combination of a shank having a head thereon, a pawl member, means pivoting the pawl member adjacent its lower end on the spike shank, the pawl member above the pivot axis being of a width greater than the width of the shank so that opposite portions of the pawl above the pivot axis may extend at the same time beyond opposite sides of the shank.

1,646,631. ROTARY VALVE FOR PIPE LINES. JOHANN SCHNYDER, Kriens-Luzern, Switzerland, assignor to Firm Actiengesellschaft der Maschinenfabrik von Theodor Bell & Cie., Kriens-Luzern, Switzerland. Original application filed Jan. 6, 1927, Serial No. 159,465, and in Germany July 29, 1925. Divided and this application filed Apr. 25, 1927. Serial No. 186,475. 2 Claims. (Cl. 251-91.)

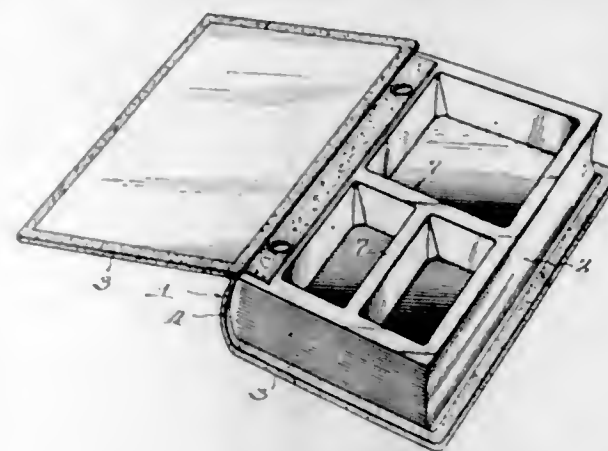


1. A rotary valve for pipe lines, comprising in combination, a valve casing provided with a seat and bearings, a gate body having fulcrum pins rotatably mounted in said bearings, one of said pins fitting with play in its bearing, and said gate body being adapted to cooperate with said seat for obturation purposes, a rotary piston provided with blades and fixed to one of said fulcrum pins and a casing in which said piston is adapted to turn, a partition wall provided in said piston casing and subdividing the space between said blades into working chambers, said partition wall being provided with a hole, and means adapted to control the flow of pressure liquid to and from said chambers for effecting by the liquid pressure a relief of the gate body and a turning of the latter.

1,646,632. RECEPTACLE FOR SMOKING MATERIALS. PHILIP V. SPINNER, Chicago, Ill. Filed Nov. 12, 1926. Serial No. 147,856. 2 Claims. (Cl. 206-1.)

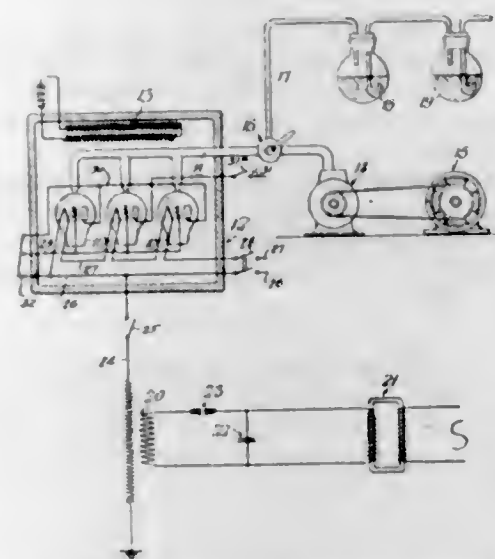
1. An article of the class described comprising a tray of ceramic material moulded in the form of the con-

tents of a book, and provided with a relatively shallow compartment, a cover of book binding material enclosing said tray provided with hinged flaps adapted to enclose



the rear edges of said tray, and posts extending transversely through said tray and holes in said flaps to removably secure said tray within said cover.

1,646,633. PROCESS FOR EXHAUSTING DETECTOR TUBES. ROBERT T. ST. JAMES, Chicago, Ill., assignor to Chicago Miniature Lamp Works, Chicago, Ill., a Corporation of Illinois. Filed Apr. 10, 1922. Serial No. 551,150. 3 Claims. (Cl. 250-27.5.)

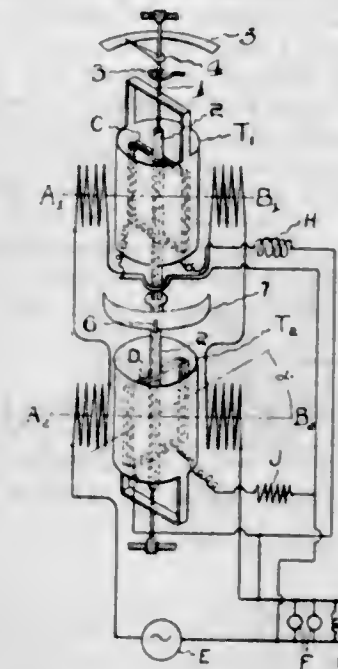


1. The process of exhausting detector tubes which consists in exhausting and extracting all moisture from the tube; in then disrupting and driving off the more easily detachable volatilizable constituents on the elements of the tube by subjecting them simultaneously to the electrostatic action of a high frequency high voltage, afterwards applying external heat to drive off such constituents as have condensed on the inner surface of the tube; in then heating the filament above normal and subjecting the plate element to direct current at high voltage for a predetermined length of time, then again externally heating the tube to drive off condensation from its inner surface, and then sealing the tube.

1,646,634. ELECTRICAL MEASURING INSTRUMENT. WILLIAM FRANK SUTHERLAND, Toronto, Ontario, Canada. Filed Aug. 28, 1925. Serial No. 53,095. 7 Claims. (Cl. 171-95.)

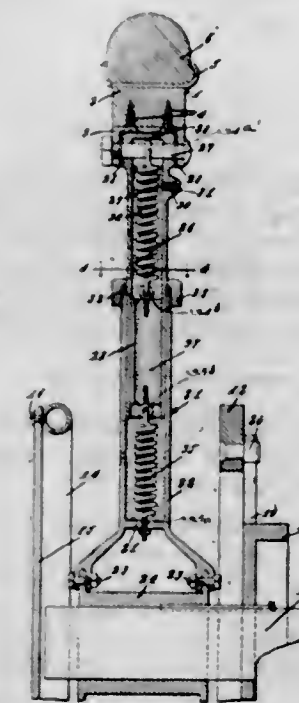
3. An electrical measuring instrument for the measurement of the product of the voltage and amperage in an alternating current circuit comprising a plurality of torque members each being acted upon by torque producing means comprising current and voltage windings pro-

ducing relatively specially movable voltage and current fluxes interacting to set up a position of equilibrium in space and cutting said torque members; said voltage



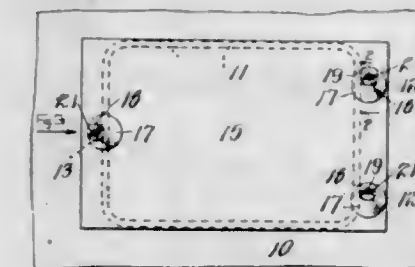
windings being specially disposed so as to produce non-intersecting flux paths and said current windings being energized from the same phase of the supply circuit.

1,646,635. AUTO WHEEL. CHARLES NEWTON SWAN, Louisville, Ky. Filed July 28, 1924. Serial No. 728,697. 1 Claim. (Cl. 152-47.)



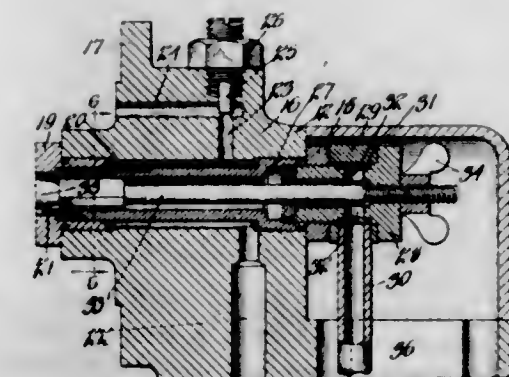
A wheel including a body and a hub, spokes each comprising telescoped members adapted to contain a liquid, the telescoped members of each spoke being pivoted respectively to the body and to the hub, to swing parallel to the median plane of the wheel, a piston fitting closely but slidably in one of the telescoped members of each of said spokes, there being chambers at the end of each spoke on opposite sides of the piston, and springs connected at their inner ends to the piston and at their outer ends to the members of the spokes, the piston being provided with a bypass duct which opens at its ends through the ends of the piston in spaced relation to the periphery of the piston, the duct communicating at its ends with the aforesaid chambers.

1,646,636. FASTENING CLAMP. ARTHUR R. BAKER, Indianapolis, Ind., assignor to Ira T. Swartz, Indianapolis, Ind. Filed June 9, 1926. Serial No. 114,851. 2 Claims. (Cl. 292-256.)



1. The combination with a furnace having a fuel inlet with door engaging lugs, of a removable closure plate for said fuel inlet, hollow casings concealing said lugs, and bolts extending through said lugs and hollow casings for securing them together, substantially as set forth.

1,646,637. OIL BURNER. ARTHUR R. BAKER, Indianapolis, Ind., assignor to Ira T. Swartz, Indianapolis, Ind. Filed June 10, 1926. Serial No. 115,121. 7 Claims. (Cl. 158-73.)

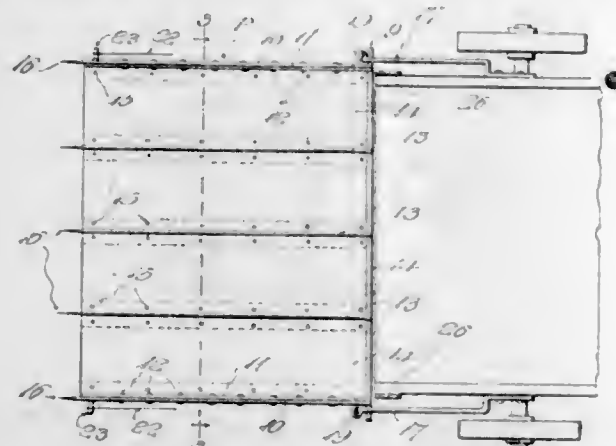


1. An oil burner comprising a body having a cylindrical opening therethrough, a fuel well adjacent the inner end of said cylindrical opening, a screw plug forming a nozzle disposed in the outer end of said opening, a screw plug in the inner end of the opening having a reduced extension projecting through the opening and terminating in the screw plug at the opposite end of the opening and forming an air passage around said extension, means for injecting air into said passage, a hollow plug threaded into said last mentioned plug and having an annular channel around the same and a passage through the wall of said plug connecting said channel with the hollow interior of the plug, a ring for closing said annular channel, a tube threaded through said ring and having its outer end terminating in slightly spaced relation from the bottom of the fuel well, inlet and outlet passages in the said fuel well and a reticulated screen disposed between said inlet and outlet passages whereby fuel may be sucked from said fuel well through said hollow shell by the action of the compressed air around said shell, substantially as set forth.

1,646,638. SNOW REMOVING AND LOADING PLOW. JOSEPH L. BRENNAN, New York, N. Y. Filed Nov. 1, 1926. Serial No. 145,560. 7 Claims. (Cl. 37-5.)

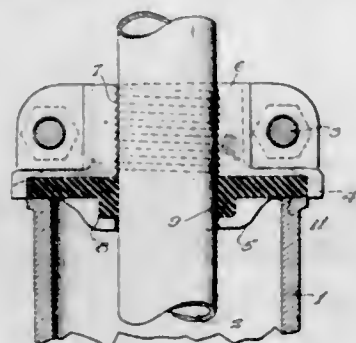
1. A snow removing plow comprising a transverse shaft, a pair of laterally spaced angle bars secured to and projecting from the ends of said shaft, said bars having inwardly projecting lateral flanges and upstanding flanges, a plurality of inverted T-bars spaced apart

between said angle bars and secured at one end to said shaft, bottom plates secured to the lateral flanges of said angle and T-bars, and side plates secured to the



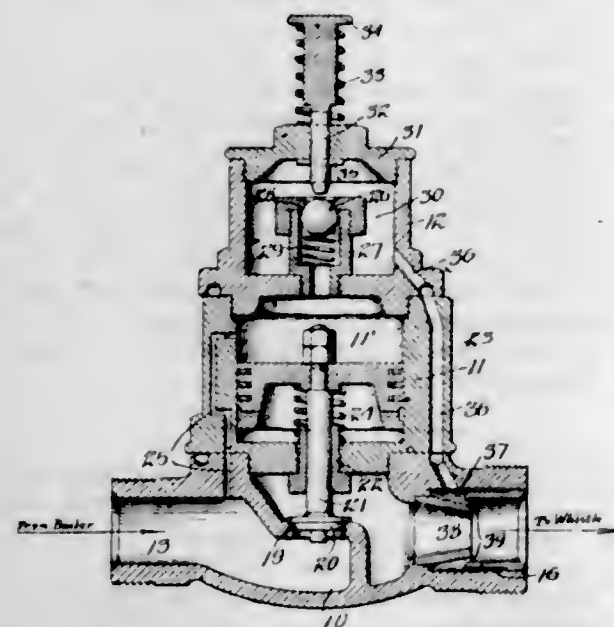
upstanding flanges of said angle bars, the upstanding flanges of said angle and T-bars forming snow splitting blades.

1,646,639. SUPPORT FOR WELL CASINGS. FRANK M. CROWELL, Tulsa, Okla. Filed May 13, 1926. Serial No. 108,924. 4 Claims. (Cl. 166-14.)



1. A tubing support comprising similar parts, each consisting of a plate, a centering element depending from the plate, an internally toothed upstanding portion upon the top of the plate in line with the depending centering element and apertured ears at opposite sides of the upstanding portion and forming connecting means between it and the plate.

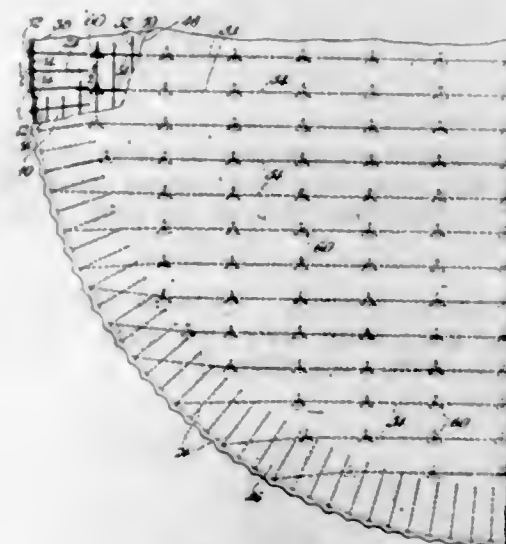
1,646,640. WHISTLE CONTROL VALVE. ROGERS W. DANIEL, Indianapolis, Ind. Filed Dec. 2, 1926. Serial No. 152,208. 3 Claims. (Cl. 137-139.)



1. A quick acting fluid pressure control valve comprising a main valve casing having an inlet and an exhaust port, a valve between said ports, an auxiliary

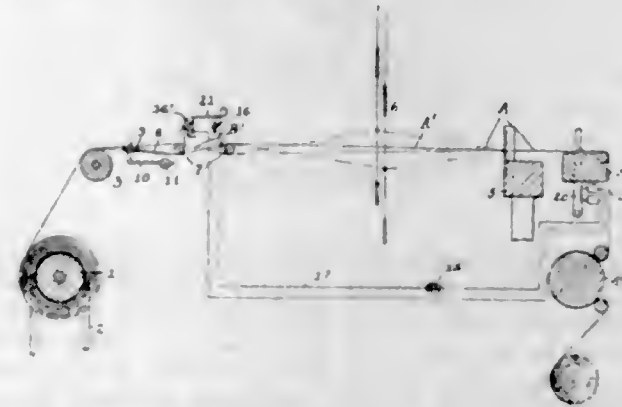
casing detachably connected to said main valve casing, a piston in said casing having a connection with said valve for controlling the same, a passage through said main valve casing, a passage through said auxiliary valve casing, said passages forming communication between the inlet port and said casing at the remote side of the piston, an annular channel in one of said valve casings in communication with said passages to permit the passage of fluid therethrough in any relative position of rotation of the contiguous parts, a detachable closure for the outer end of said auxiliary casing, a chamber in said closure, a relief valve mounted in said chamber, a manually controlled plunger for opening said relief valve, and a drainage passage forming communication between said chamber and exhaust port, substantially as set forth.

1,646,641. STORAGE RESERVOIR. HENRY L. DOHERTY, New York, N. Y., assignor to Doherty Research Company, New York, N. Y., a Corporation of Delaware. Filed July 18, 1921. Serial No. 485,406. 19 Claims. (Cl. 72-13.)



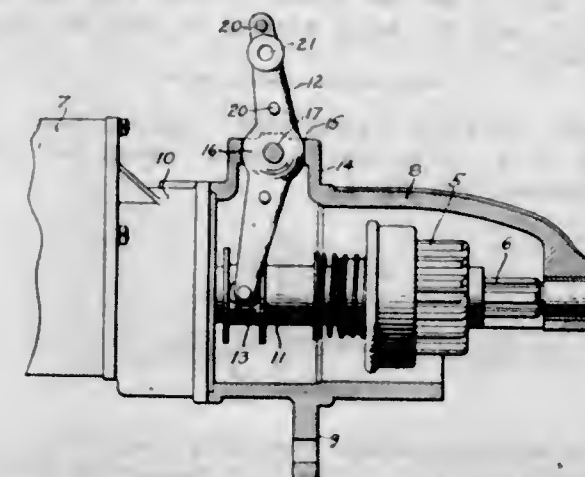
19. In a storage reservoir, a structural floor, a series of upright columns anchored in the floor, re-enforcing means connected between the individual columns and the floor, said means comprising a structure which will permit the column to tilt about its foot as a pivot under the pressure of the contents of the reservoir.

1,646,642. STOP MOTION. HENRY DOHERTY, JR., CHilton, N. J. Filed Feb. 21, 1927. Serial No. 169,828. 6 Claims. (Cl. 139-352.)



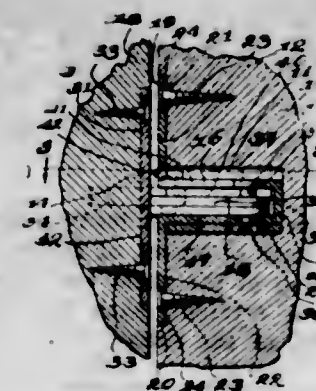
1. In combination, means to support and advance a group of warp threads having a shed therein, a detector elastically held in a given position but movable to detecting position, and means to transmit such movement to said detector including a flexible elongated device attached to said detector, anchored at a point removed therefrom and between said detector and point extending through the shed.

1,646,643. ENGINE-STARTER MECHANISM. FARNUM F. DORSEY, Rochester, N. Y., assignor to North East Electric Company, Rochester, N. Y., a Corporation of New York. Filed Feb. 11, 1926. Serial No. 87,664. 2 Claims. (Cl. 74-5.)



1. The combination of a housing with an end-opening and with a straight cylindrical lateral bore; a shifting lever having a forked end of greater diameter than said bore, a single end of less diameter than the bore, and an intermediate spherical part of a diameter to fit the bore closely, the lever, as a whole, being insertable through the open end of the housing; and a pivot-pin passing transversely through the spherical part of the lever and securing it pivotally within said bore, with the forked end of the lever within the housing.

1,646,644. HINGE. MICHAEL J. ECONOMIDES, Brooklyn, N. Y. Filed June 30, 1925. Serial No. 40,533. 6 Claims. (Cl. 16-171.)

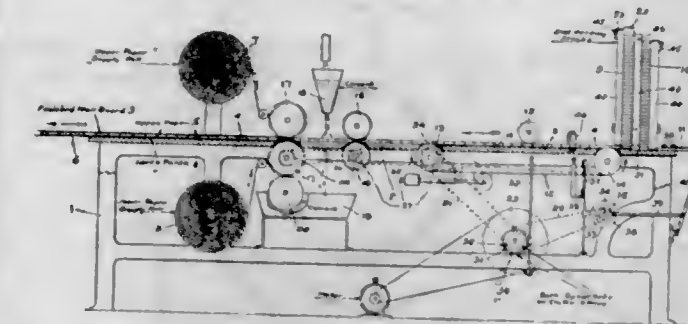


1. A hinge of the character described comprising a stationary section and a movable section, an arm formed on said movable section, a bolt carried by said arm and extending to each side thereof, an enlarged head formed on the upper end of said bolt, and a pair of spaced plates carried by said stationary section, said spaced plates each having an opening therein, one for receiving the lower end of the bolt while the other receives the enlarged head, said arm being spaced from the plate receiving the enlarged head, said plate receiving the head having a slot formed therein for permitting the movable section to be disengaged from the stationary section upon upward movement to disengage the enlarged head from its opening and sliding movement of said movable section.

1,646,645. WALL-BOARD MACHINE. AXEL L. FREDERICKSON, San Francisco, and ELMER C. PITCHER, Hayward, Calif. Filed June 30, 1924. Serial No. 723,343. 5 Claims. (Cl. 144-279.)

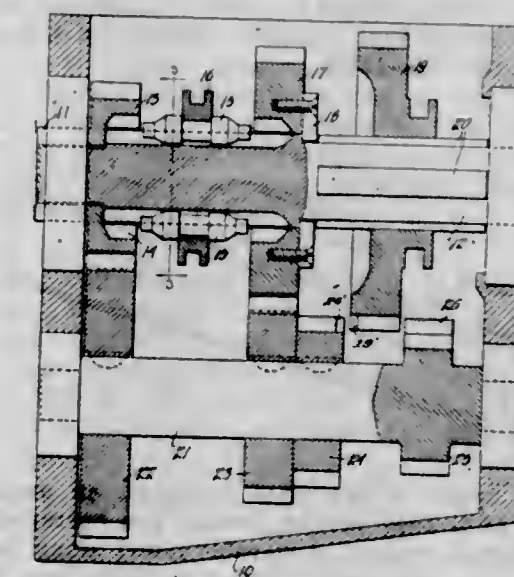
1. In a wall board machine of the character described, means for feeding a layer of slats in the formation of

the board, said means including a hopper adapted to receive a stack of slats and being provided with a separator for separating groups of slats endwise within the



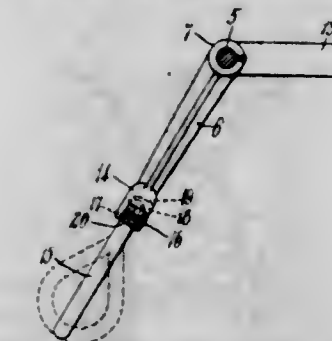
hopper, said separator being adjustable along the hopper to meet any required position for endwise separation of the slats.

1,646,646. CLUTCH MECHANISM FOR TRANSMISSION GEARING. JOHN F. GAYLORD, Indianapolis, Ind. Filed Mar. 25, 1925. Serial No. 18,267. 11 Claims. (Cl. 192-67.)



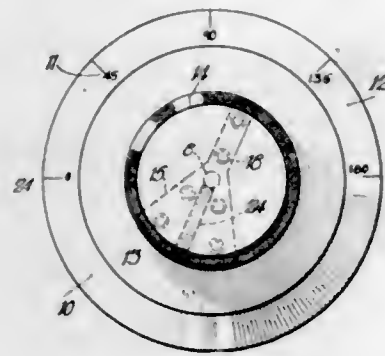
1. A clutch mechanism for transmission gearing comprising a gear having recesses in its face, a clutch collar associated with said gear and clutch pins carried by said collar, said clutch pins having uniformly reduced portions of material axial length at their outer ends connected to the parts of normal diameter by tapered faces, substantially as set forth.

1,646,647. HANDHOLD FOR VEHICLES. WILLIAM H. HAMPSON, Watertown, Mass. Filed Mar. 1, 1927. Serial No. 171,905. 5 Claims. (Cl. 105-354.)



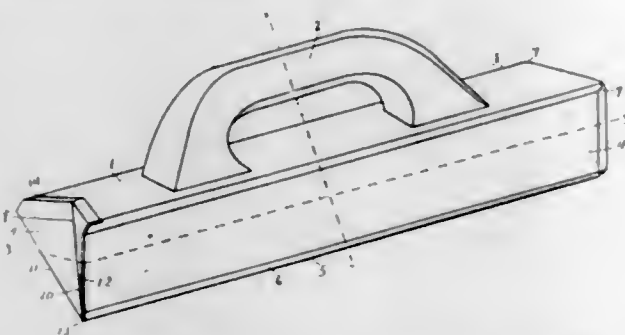
1. A hand hold of the character described comprising, in combination, a support, an arm pivotally mounted upon said support and provided with a counterweight portion thereon, a rigid handle member mounted in said arm, and means to limit the rocking movement of said arm upon said support.

1,646,648. RADIODIAL. LEO KNIGOFF, New York, N. Y. Filed Oct. 18, 1926. Serial No. 142,490. 4 Claims. (Cl. 74-33.)



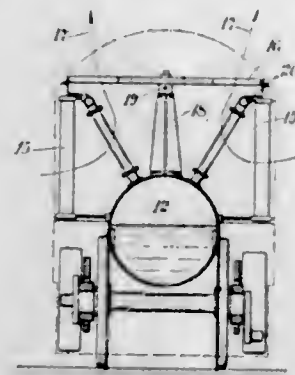
1. The combination with a condenser having a plurality of movable plate members and an opening shaft, of a dial for indicating the position of the plate members, a counterweight arranged in said dial, means for fastening the counterweight in the dial and said counterweight providing a bearing for said shaft.

1,646,649. ANGLE FLOAT. JOHN P. KRIEGL, Milwaukee, Wis. Filed Sept. 27, 1926. Serial No. 137,931. 7 Claims. (Cl. 72-136.)



2. In a device of the class described, an angle float consisting of a body portion having two operating sides at the required angle, a removable insert along the edge where the two sides meet having its outer edge beveled to conform to the angles of said operating sides and a handle attached at the top, substantially as shown and described.

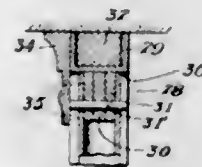
1,646,650. CONDENSER PLANT FOR LOCOMOTIVES. FREDRIK LJUNGSTRÖM, Lidings-Brevik Ormbunken, ERIK OTTO ERIKSSON, Lidings-Brevik Tallhyddan, and ISIDOR BROBERG, Skarsatra, Lidings, Sweden, assignors to Aktiebolaget Ljungströms Angturbin, Stockholm, Sweden, a Corporation. Filed Apr. 11, 1923, Serial No. 631,422, and in Sweden Dec. 16, 1922. 1 Claim. (Cl. 257-25.)



A condenser plant for locomotives and similar vehicles comprising a receptacle extending in the longitudinal direction of the locomotive, means to introduce the fluid

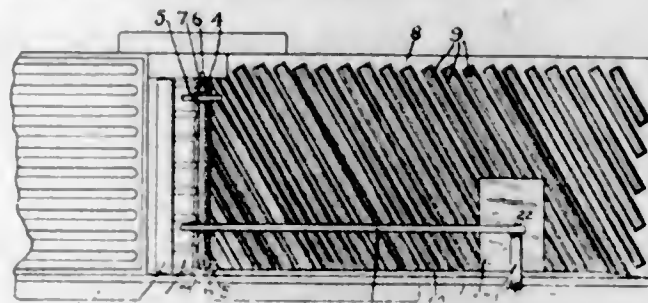
to be cooled into said receptacle, an air-cooled part arranged on the side of said receptacle and consisting of a number of closed elements placed transversely of the locomotive, means connecting said receptacle with the air-cooled part and adapted to distribute the fluid to be cooled to the elements of the air-cooled part, and a fan placed above both the air-cooled part and the liquid receptacle, said fan being adapted to suck air between said elements.

1,646,651. OFFICE PARTITION. SAMUEL LOWY, New York, N. Y. Filed Mar. 7, 1925. Serial No. 13,711. 18 Claims. (Cl. 20-4.)



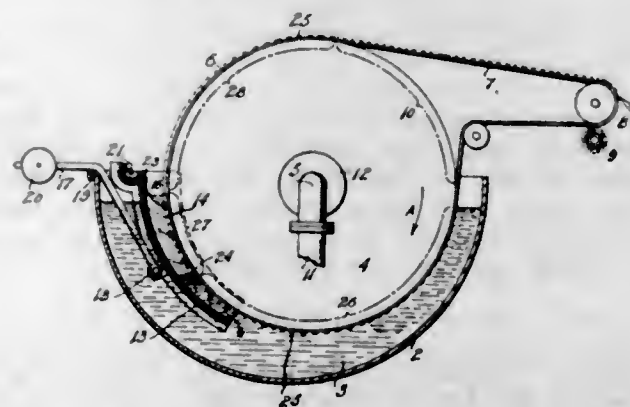
1. An extensible pilaster comprising a main hollow post, a threaded post fixed at the base thereof and extending vertically within said hollow post, a tubular post surrounding said threaded post and having threads co-operating with the threads thereof, a pilaster extension between said tubular post and said main hollow post and means for raising said pilaster extension when said tubular post is caused to rotate on said threaded post.

1,646,652. SHEET-FEED CONTROLLER FOR FOLDING MACHINES. JOHN LULEY, New York, and JOHN P. BRUNNER, Brooklyn, N. Y. Filed Sept. 20, 1924. Serial No. 738,906. 17 Claims. (Cl. 271-49.)



1. The combination with sheet feeding mechanism prescribing an angular path of travel, of means to rest transversely upon a portion of the sheet and impart auxiliary feeding motion in a straight path at retarded speed throughout the travel of the sheet.

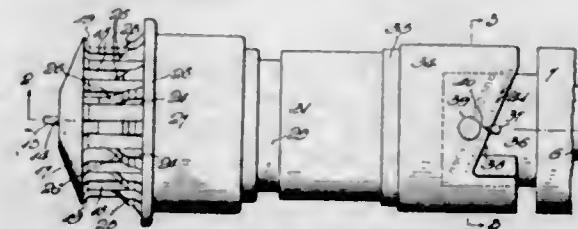
1,646,653. CAKE-WASHING MEANS FOR ROTARY VACUUM FILTERS. WILHELM MACSS, Durban, Natal, South Africa. Filed Jan. 14, 1927. Serial No. 161,197. 7 Claims. (Cl. 210-201.)



1. The method of washing a filter cake in a rotary drum filter, which consists in maintaining, at the outgoing segment of the drum, a body of wash liquid hydro-

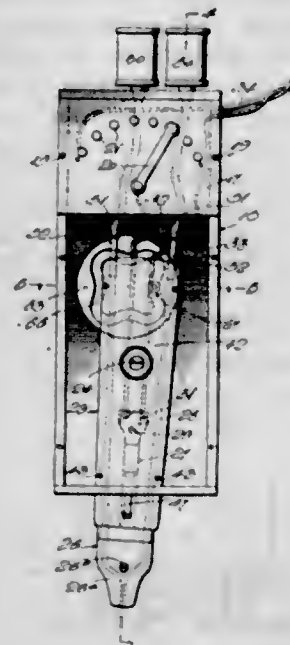
statically supported by the filtrant, continuously passing liquid from said body through the filter and continuously replenishing the body to maintain the desired circumferential extent of the wash liquid body in hydrostatic balance with the filtrant.

1,646,654. SHANK AND EDGE TRIMMER. ELISHA L. MCMURTREY, Rison, Ark. Filed May 21, 1926. Serial No. 110,729. 4 Claims. (Cl. 12-88.)



1. A convertible sole edge trimmer and shank trimmer, comprising a rotatable shaft, a guard disk carried detachably by one end of said shaft and projecting laterally therefrom, a sole edge cutter of annular form surrounding said shaft at the inner side of said guard disk, said cutter having cutting teeth spaced apart around its periphery, an edge-beveling cutter of annular form slidably surrounding and having a driving connection with the shaft, said edge-beveling cutter having teeth which are slidably received between the teeth of said sole edge cutter, said teeth of the edge-beveling cutter having shank trimming portions normally spaced radially inward from the peripheries of the teeth of said sole edge cutter, and exposed for use upon removal of said sole edge cutter and said guard disk and substitution of a smaller guard disk for the removed disk, and means for effecting movement of the edge beveling cutter toward or from the guard disk.

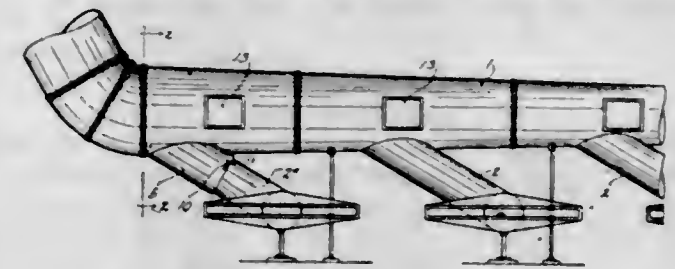
1,646,655. SOLE-EDGE BURNISHER. ELISHA LAWLEY MCMURTREY, Rison, Ark. Filed Nov. 24, 1926. Serial No. 150,494. 14 Claims. (Cl. 12-78.)



8. A sole edge burnisher comprising a casing having an opening in one end, an oscillatory arm mounted in said casing and having a burnishing end projecting through said opening, the other end of said arm being spaced from the other end of the casing, operatively connected rheostat parts mounted on one wall of the casing certain of said parts being confined in the portion of the casing between said other end of the matter and said arm, electric heating means for said burnishing end of the arm including wiring in the casing connected with the rheostat, and liquid wax feeding means for said bur-

nishing end, including a wax reservoir mounted on the casing and a flexible tube in the casing connected with said reservoir and arm.

1,646,656. COTTON-GIN LINT FLUE. EUGENE MUNGER, Birmingham, Ala., assignor to Continental Gin Company, a Corporation of Delaware. Filed June 3, 1925. Serial No. 34,723. 7 Claims. (Cl. 19-72.)

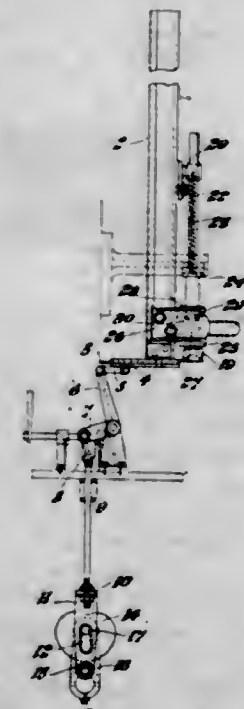


1. The combination with a lint flue, of a gin flue connection, and a deflector means adjustable about the axis of the discharge end of said gin flue connection for deflecting the lint therefrom into the desired portion of the lint flue.

1,646,657. HONEY FOOD PRODUCT. CHARLES J. O'CONNELL, Deer Wood, Minn., assignor of one-half to Walter S. Harris, Minneapolis, Minn. Filed Sept. 7, 1926. Serial No. 134,132. 5 Claims. (Cl. 99-11.)

1. A colloidal substantially solidified food product composed of a relatively large amount of natural honey and a relatively small amount of an organic edible colloid forming substance.

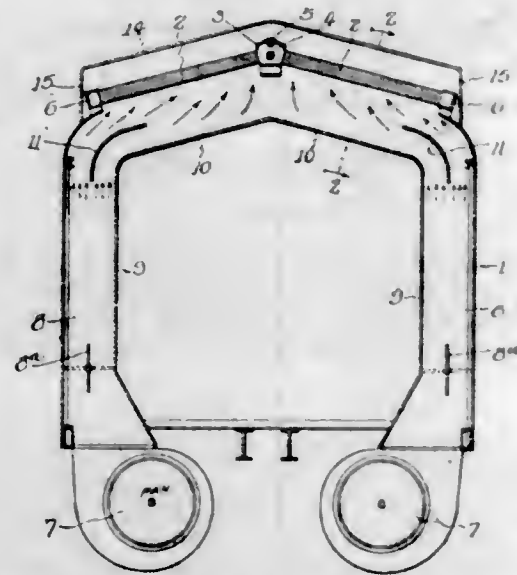
1,646,658. MEANS FOR INSERTING CARDS AND THE LIKE IN CARTONS OR SIMILAR CONTAINERS. GEORGE WILLIAM OLIVER, Harrow, England, assignor to J. Lyons and Company, Limited, London, England. Filed May 6, 1926, Serial No. 107,210, and in Great Britain July 14, 1925. 1 Claim. (Cl. 271-11.)



In a machine for inserting blanks in containers, in combination, a vertical magazine containing a pile of blanks, a tubular downwardly depending movable vacuum nozzle disposed vertically and supported adjacent said magazine, suction means associated with said vacuum nozzle, a reciprocating knife member operated by cam and link mechanism and arranged to feed successively a lowermost blank from the magazine to the underside of said vacuum nozzle, a suction chamber surrounding a hollow central tube portion of said nozzle, the tube portion having ports normally communicating with said suction

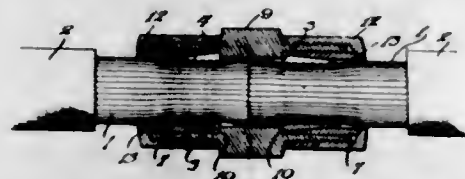
chamber, said ports being brought into communication with the atmosphere to break the vacuum when said nozzle is in a lowered position whereby the blank is released to fall vertically from the mouth of said nozzle into a container.

1,646,659. COOLING SYSTEM. CHARLES B. PAGE and WARREN DEAN BURTON, Evanston, Ill., assignors to George W. Dulany, Jr., Chicago, Ill. Filed Oct. 12, 1925. Serial No. 62,061. 8 Claims. (Cl. 257-25.)



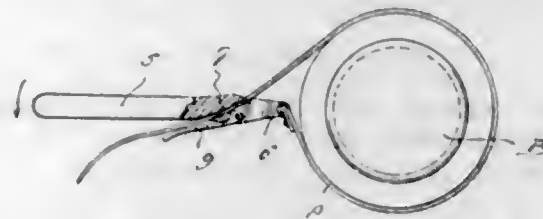
1. The combination of a vehicle body, a radiator located in an inclined position on said body, a fan below said body, a conduit at one side of the body, extending from the fan to the radiator, and a baffle within said conduit near the lower end of the radiator for dividing the air current in said conduit and directing a portion thereof to the upper portion of the radiator.

1,646,660. CABLE SPLICE. HARRY PRINCE, Buffalo, N. Y., assignor to The American Mine Door Co., Canton, Ohio, a Corporation of Ohio. Filed Apr. 15, 1924. Serial No. 706,732. 1 Claim. (Cl. 173-303.)



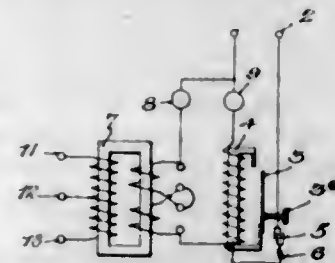
A device of the character described comprising a coupling sleeve internally thickened intermediate its length and from said thickened portion to one end of the sleeve having its bore unthreaded and of an even diameter, the said end portion of the sleeve being externally threaded, a longitudinally split sleeve fitted into said coupling sleeve and abutting said thickened portion, said split sleeve being externally tapered towards its outer end, a rigid compression sleeve of an even external diameter throughout its length for snug reception in said coupling sleeve and having its bore increasing in diameter towards its inner end, said compression sleeve being adapted to fit snugly about said split sleeve when moved into said coupling sleeve and effect compression of the split sleeve, and an internally threaded sleeve nut screwed upon the externally threaded end portion of said coupling sleeve and provided at its outer end with an inwardly disposed annular flange to engage the outer end of said compression sleeve and force the compression sleeve inwardly when the sleeve nut is screwed onto the coupling sleeve, said flange having its free peripheral edge portion reduced in thickness from its inner face to provide an annular seat adapted to receive the outer end of said compression sleeve and retain the compression sleeve and sleeve nut in concentric relation to each other.

1,646,661. JAR HOLDER. JOSEPH B. RICHARD, Philadelphia, Pa. Filed Oct. 27, 1926. Serial No. 144,488. 1 Claim. (Cl. 31-3.1.)



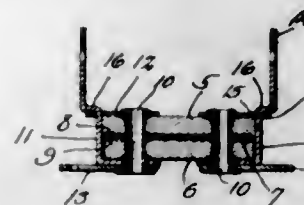
In a jar holder of the class described, a hand lever slotted at its inner end, the rear wall of the slot being inclined, a jar encircling strap secured at one end to the slotted end of the hand lever, the free end of the strap adapted to pass through the slot, a gripping lever pivotally supported at its inner end within the slot of the hand lever adjacent the inclined rear wall of the slot, inwardly directed gripping teeth formed on the pivotal end of the gripping lever for binding the strap against the inclined rear wall of the slot to securely grip the jar when the free end of the gripping lever is swung inwardly toward the hand lever.

1,646,662. FREQUENCY CHANGER. WILLIAM C. ROE, Pittsburgh, Pa. Filed Nov. 22, 1919. Serial No. 339,836. 9 Claims. (Cl. 172-281.)



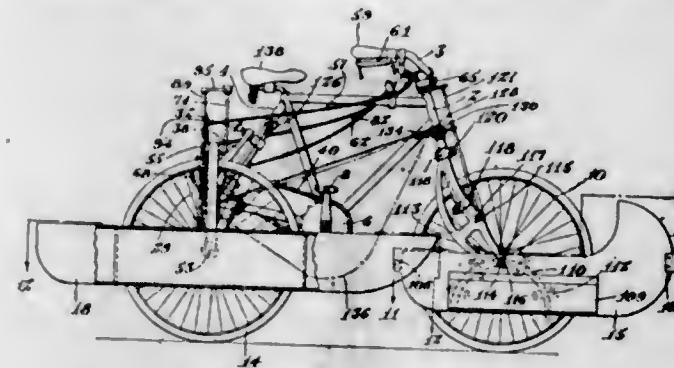
1. In an alternating current system, the combination with a source of alternating current, a current delivery circuit, a reed whose natural periodicity of vibration is different from the periodicity of alternating current from the said source, and operable thereby to vibrate at a rate fractional thereof, current modifying means between the said source and the said circuit, said reed when so vibrated so controlling the said means as to cause the resultant current flowing in the delivery circuit to have a fractional frequency operative characteristic to the unmodified current from the said source.

1,646,663. CONDENSER. RICHARD C. ROSE, Osceola, Ark. Filed Oct. 27, 1926. Serial No. 144,527. 2 Claims. (Cl. 175-41.)



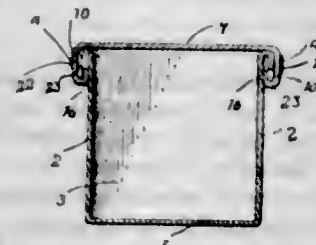
1. A condenser including a body portion formed of spaced insulating members having openings extending therethrough, a clip at each end of the body portion, said clip embodying an upwardly extended tongue formed with a shoulder at its base, a cooperating member having an elongated opening to receive the tongue, said shoulder adapted to engage the cooperating member to hold it in position, and a securing plate secured to the bottom of the condenser.

1,646,664. VEHICLE. BARTOLO SANNA, Boston, Mass. Filed Oct. 14, 1926. Serial No. 141,509. 12 Claims. (Cl. 115-1.)



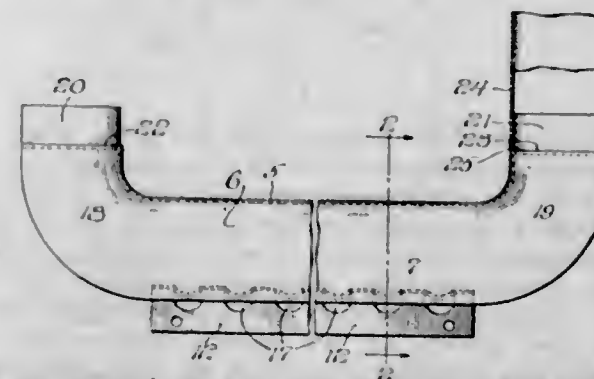
1. A land-and-water vehicle comprising a frame having two rear wheels and a front wheel, a float carried by the frame near each wheel, each float having an opening through which the corresponding wheel extends, and means for turning the front wheel and the corresponding float to steer the vehicle.

1,646,665. BOX. CHARLES M. SMITH, Newton, Kans. Filed Aug. 2, 1926. Serial No. 126,622. 4 Claims. (Cl. 229-45.)



4. A receptacle comprising companion body and cover members each having marginal walls, yieldable locking tongues extending divergently from the walls of one member and terminating in spaced relation to the side faces of its walls, and tongues extending from the walls of the other member with their end portions secured in face to face contact therewith and their intermediate portions extending in spaced relation to its walls to form pockets adapted to receive the locking tongues of the first member and lock the cover members upon the body member.

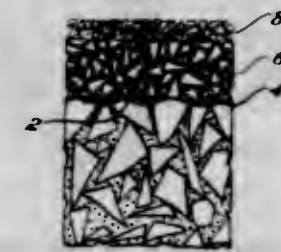
1,646,666. BUILDING CONSTRUCTION AND THE LIKE. WINOATE S. THOMAS, Chicago, Ill., assignor to Knapp Brothers Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed Nov. 26, 1923. Serial No. 677,130. 2 Claims. (Cl. 189-75.)



1. As a new article of manufacture, a casing strip for the casing of a door or window comprising an integrally formed strip of metal having a longitudinally extending bend to afford a sill flange and a facing flange at approximately right angles to one another, said strip having one of its ends extended in right angled relation to the intermediate portion of said strip and similarly provided with a longitudinally extending bend

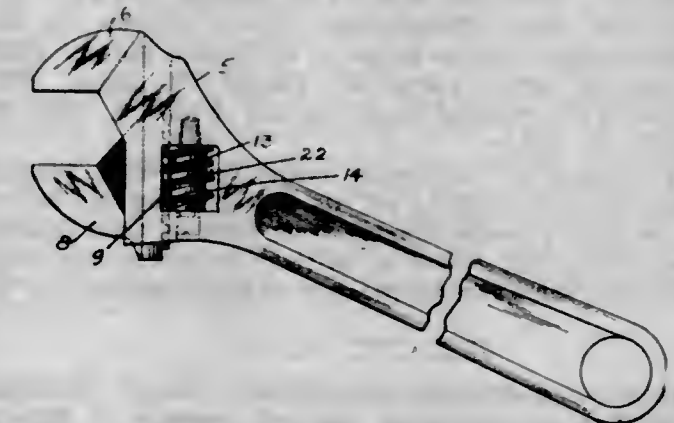
affording sill and facing extensions merging unbrokenly into the sill and facing flanges of the intermediate portion of the strip, and the terminal portions of said extension being inwardly offset to afford a shoulder at a point behind the extreme end thereof, in combination with a side strip longitudinally bent to conform to the configuration of the end extension and abut against the shoulder thereof to bring the outer face of said side strip into flush relation with the face of said extension and to bring the offset end portion of said extension into underlapped relation to the end of said side strip, substantially as described.

1,646,667. METHOD OF MAKING FLOORS. JOHN MICHAEL TOBIN, Somerville, Mass., assignor to William M. Bailey Company, Boston, Mass., a Corporation of Massachusetts. Filed Mar. 1, 1922. Serial No. 540,101. 5 Claims. (Cl. 94-24.)



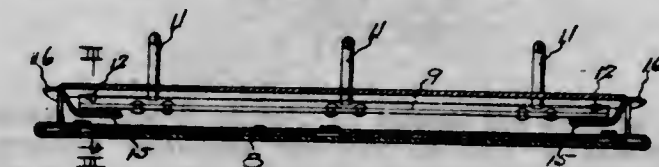
1. The method of making a terrazzo-like floor that comprises placing upon a suitable bottom a layer of stones of substantially different sizes mixed with cement, and rolling the layer during suitable successive periods of time with rollers of successively increasing weight.

1,646,668. WRENCH. CHAUNCEY E. TURNER, Seattle, Wash. Filed June 15, 1925. Serial No. 37,063. 8 Claims. (Cl. 81-165.)



1. A wrench comprising a stock having a fixed jaw, a movable jaw slidably mounted on said stock and provided with a toothed rack, and a pair of rotatable worms in said stock having the threads thereof arranged to maintain threaded engagement with said teeth in said rack and adapted for axial displacement relative to each other.

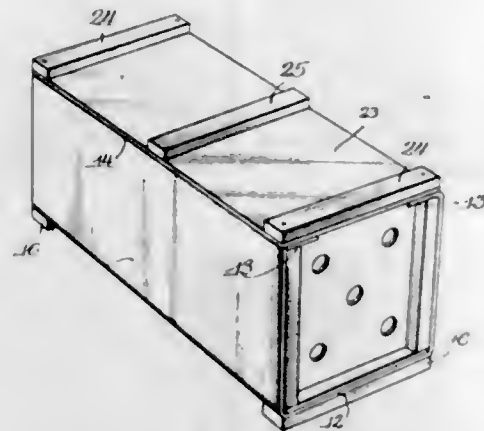
1,646,669. LOOSE-LEAF BINDER. RICHARD M. VAN VALKENBURGH, Kansas City, Mo., assignor to Irving-Pitt Manufacturing Company, Kansas City, Mo., a Corporation of Missouri. Filed Aug. 1, 1925. Serial No. 47,399. 10 Claims. (Cl. 129-24.)



2. In combination with a loose-leaf binder having a pair of rockingly mounted hook-carrying members, means supported solely by said hook-carrying members

adjacent their oppositely disposed edges for opening the hooks carried thereby and adapted to be assembled with said members as a unit.

1,646,670. BOX. HARRISON B. WALTER, Chicago, Ill., assignor, by mesne assignments, to Container Corporation of America, Chicago, Ill., a Corporation of Delaware. Filed Nov. 23, 1925. Serial No. 70,769. 5 Claims. (Cl. 229-23.)

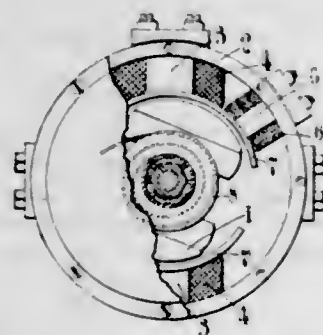


1. A box made of fibre board or the like comprising, a body blank cut and creased to provide a bottom wall, two side walls, and transverse wood strips secured to the inside and outside faces respectively of said side walls and bottom wall at their marginal ends; end blanks each provided with a folding bottom extension secured to a marginal end of said bottom wall; and a lid consisting of a blank and of transverse wood strips secured to the marginal ends of said blank.

1,646,671. PROCESS FOR STERILIZING CREAM. BYRON H. WEBB, Washington, D. C., assignor to the Government and the People of the United States. Filed Apr. 16, 1927. Serial No. 184,427. 1 Claim. (Cl. 99-15.) (Granted under the act of Mar. 3, 1883, 22 Stat. L., 625.)

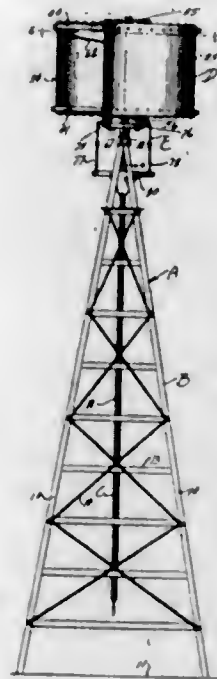
A process for sterilizing cream, comprising heating cream to approximately 80° C., homogenizing the heated cream at a pressure ranging from 2500 to 3000 pounds, then sealing the cream in air-tight containers and sterilizing the same at a temperature of approximately 118° C.

1,646,672. ELECTRIC GOVERNOR. HAROLD KENNETH WHITEHORN, Maidstone, England, assignor to Tilling-Stevens Motors Limited, Maidstone, Kent, England. Filed Oct. 13, 1925, Serial No. 62,268, and in Great Britain Oct. 28, 1924. 6 Claims. (Cl. 290-40.)



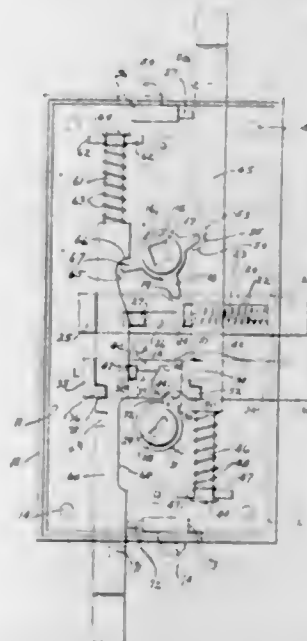
1. An actuating element for electric engine governors comprising a pair of relatively oscillating members, shunt and series windings relatively asymmetrically arranged upon one of said members and shunt and series windings relatively symmetrically arranged upon the other of said members.

1,646,673. TURBINE WINDMILL. MELVILLE E. WILSON, Stayner, Ontario, Canada. Filed May 6, 1926. Serial No. 107,246. 10 Claims. (Cl. 170-33.)



1. In a windmill construction the combination of a supporting frame, a shaft rotatably supported by the frame, a cylindrical shaped wind wheel for the shaft keyed thereto for rotation therewith, and including complementary sections with means to slidably mount the same for slidable movement in parallel planes whereby the same may be collapsed or laterally slid in offset relation to vary the effective wind surfaces thereof.

1,646,674. LOCK. FEDELE ANGELILLO, New York, N. Y. Filed May 3, 1926. Serial No. 106,199. 10 Claims. (Cl. 70-29.)



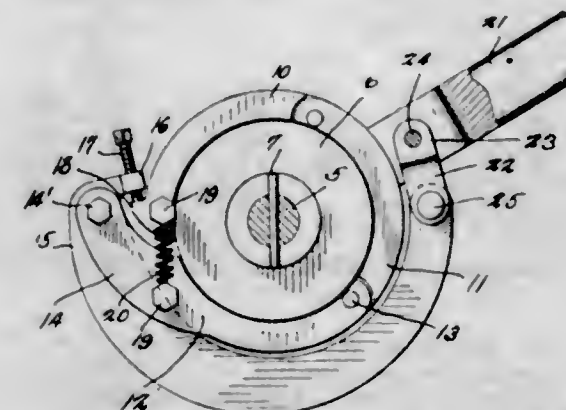
1. In a lock of the class described the combination with a casing, a knob actuated roll-back and a key actuated roll-back, of a pair of longitudinal bolts mounted in opposed relation in said casing, a transverse dead bolt therein adapted to project beyond the casing and having means for locking the longitudinal bolts in projected position, said key roll-back adapted to retract the dead bolt and release the longitudinal bolts, and means operated by the knob roll-back to retract said longitudinal bolts.

1,646,675. SIGNAL. ADOLPH E. ASHLEMAN and THOMAS E. HANEY, Waco, Tex. Filed Oct. 22, 1926. Serial No. 143,433. 5 Claims. (Cl. 116-52.)



1. In a signaling device, a body portion, an arm section pivotally connected with the body portion, a hand section pivotally connected with the arm section, a lever pivotally supported at one end of the body portion and having pivotal connection with the hand section, a pivoted member in which a portion of the lever moves, to guide the lever, a coiled spring for exerting an upward pressure on the lever to secure the lever in its positions of adjustment, and means for operating the lever to move the arm section and hand section.

1,646,676. GRIP RATCHET. WILLIAM L. ATKINSON, Edmonds, Wash. Filed Nov. 22, 1926. Serial No. 150,125. 4 Claims. (Cl. 74-53.)

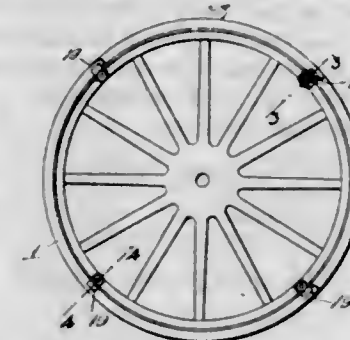


1. In a device of the character described, a drum, a shaft on which the drum is secured, a shoe including a plurality of pivotally connected sections, one of the sections having a pair of curved extensions, a supporting member positioned between the curved extensions and pivotally connected therewith, adjusting screws carried by the supporting member, a shoulder carried by one of the sections and engaged by the screws, said screws adapted to move the shoe with respect to the drum to adjust it, and a lever for operating the shoe.

1,646,677. DEMOUNTABLE RIM FOR TIRES. GEORGE B. AUSTIN, Junco, Nev. Filed Oct. 29, 1923. Serial No. 671,204. 1 Claim. (Cl. 301-35.)

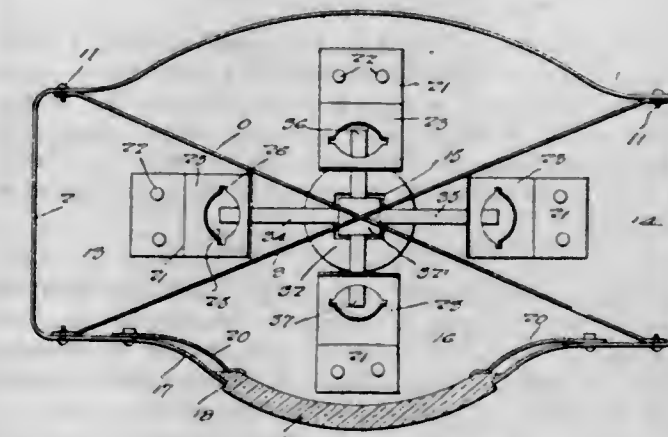
A demountable rim for tires comprising a main body section having two removable sections on one side thereof,

lugs on said removable sections adapted to fit into recesses in the main body section, and raised flanges on



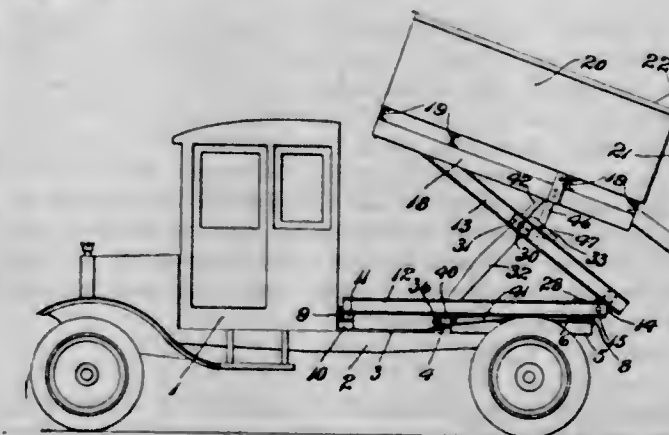
the open edge of said main body section over which said removable sections are adapted to be moved into place to aid in locking a tire in place when said tire is inflated.

1,646,678. AUTOMOBILE SIGNAL. FRANK BARNES, Columbus, Ohio. Filed Mar. 26, 1926. Serial No. 97,635. 1 Claim. (Cl. 177-329.)



In an automobile signal, a casing having its front face open, a face plate therefor, a plug of insulating material fixed in the rear of the casing, a pair of intersecting partition plates in the casing, means for securing the partition plates in the casing so as to divide the casing into a plurality of compartments, the adjacent side edges of the plates adjacent the points of intersection being provided with notches to accommodate the plug, sockets in the compartments, and spring contact arms secured to the plug and extending into the compartments and terminating at the sockets.

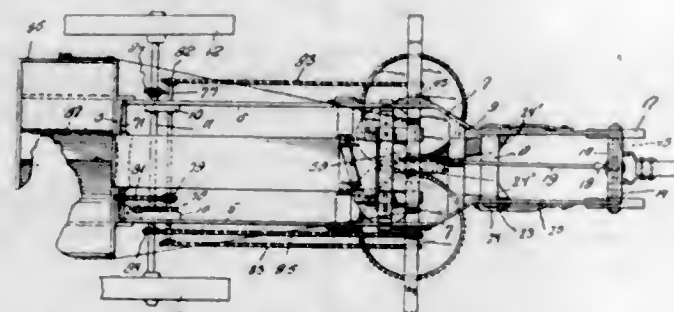
1,646,679. ELEVATING DUMPING APPARATUS. EDWARD R. BARRETT, Detroit, Mich., assignor to Wood Hydraulic Hoist and Body Company, Detroit, Mich., a Corporation of Michigan. Filed Mar. 24, 1924, Serial No. 701,264. Renewed Aug. 19, 1927. 13 Claims. (Cl. 298-11.)



13. In combination with the frame of a vehicle and a body located thereabove, means for mounting the body on the frame for tilting movements of the front end of

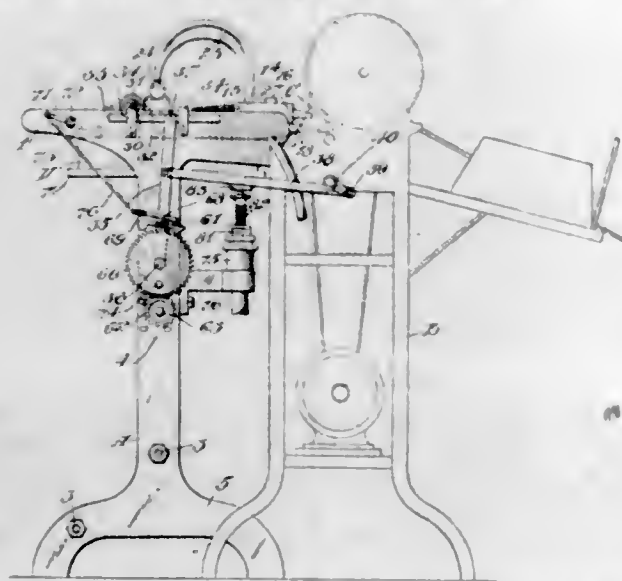
the body about a rearwardly positioned axis, and elevation of the rear end of the body about a forwardly positioned axis, tracks on the frame, devices having inclined cam edges associated with the body and located below the same, and means movable along the tracks and engaging said devices to simultaneously elevate both ends of the body and elevate the front end of the body to a greater height than the rear end thereof.

1,646,680. BEET HARVESTER AND TOPPING MACHINE. JOHN W. BRIGHT, Grand Junction, Colo. Filed Sept. 21, 1926. Serial No. 136,843. 8 Claims. (Cl. 55-107.)



1. A mechanism of the class described including a main frame, a pair of rollers disposed in a horizontal plane, means for yieldably mounting the rollers on the frame, another roller disposed in a vertical plane, means for yieldably mounting the vertical roller towards the frame, and a cutter mounted on the frame in close proximity to the rollers.

1,646,681. AUTOMATIC SUCTION SHEET-FEEDING MACHINE. JAMES A. CARLTON, St. Louis, Mo., assignor, by mesne assignments, to Charles S. Russell, West Medford, Mass. Filed Sept. 24, 1926. Serial No. 137,440. 13 Claims. (Cl. 271-31.)

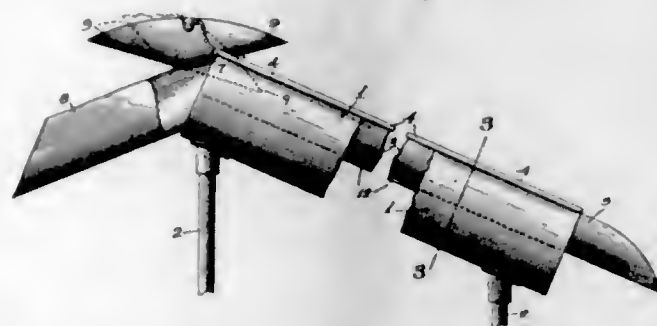


1. A sheet feeding mechanism, comprising a support for a stack of sheets, a carriage horizontally movable above said stack and comprising two sections movable independently and together, a pneumatic device for lifting the top sheet from said stack mounted to move vertically on one of said carriage sections, and means for vertically moving said pneumatic device alternately in opposite directions upon relative movement in opposite directions of said carriage sections, whereby the top sheet on said stack is successively lifted from said stack and horizontally moved away therefrom.

1,646,682. EGG SEPARATOR. CHARLES L. CHRISTIAN, San Francisco, and JOHN R. BOUSTEAD, Oakland, Calif. Filed Sept. 24, 1925. Serial No. 58,334. 2 Claims. (Cl. 146-3.)

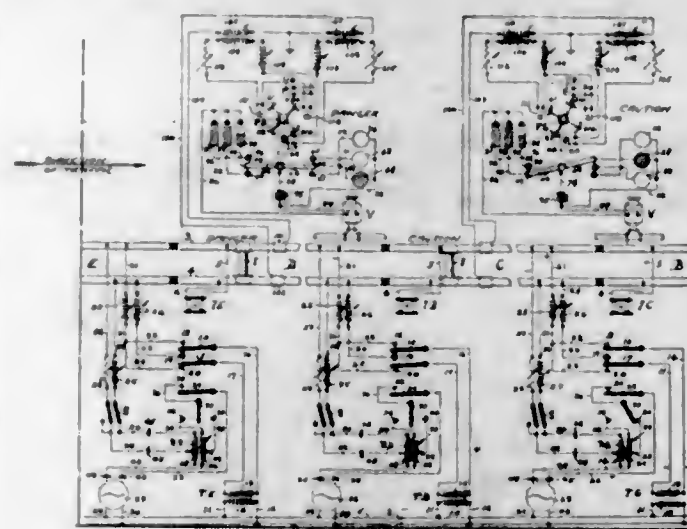
1. An egg separator comprising a lower inclined trough; an upper inclined trough detachably mounted within the

upper portion of the lower trough and having the lower end of said upper trough extending beyond the lower end of the lower trough, said upper trough being also provided with a plurality of longitudinally extending parallel slots in the bottom thereof arranged to permit the passage of albumen and to prevent the passage of the yolk of an



egg through said slots into the lower trough; one of said slots having its lower end advanced upwards beyond the ends of the other slots and a trip formed in the lower end of the advanced slot by a downward bent portion of said bottom, the trip being approximately of the width of the advanced slot and arranged to trip albumen through said lower end of the slot.

1,646,683. TRAIN-CONTROL APPARATUS. THOMAS E. CLARK, Detroit, Mich., assignor to Continuous Train Control Corporation, Detroit, Mich., a Corporation of Michigan. Filed Nov. 21, 1923. Serial No. 676,014. 9 Claims. (Cl. 246-63.)

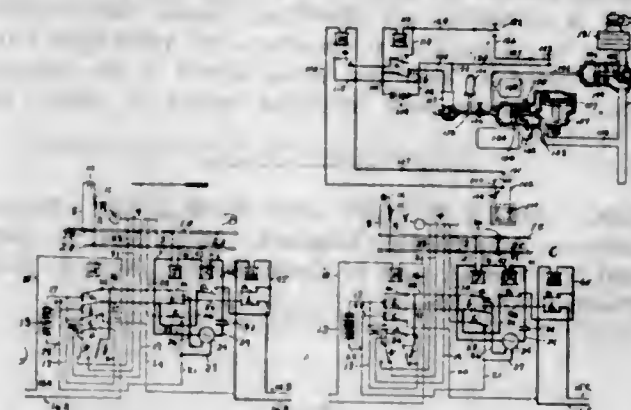


1. In an apparatus for controlling the movement of railway trains, the combination of a railway track divided into blocks, a radio frequency generator for each block, an electro-magnetic controller therefor whereby the frequency and wave lengths of the radio frequency current may be varied, conductors between said generator and the rails of the track of its block, a second generator for each block to provide other current therefor, and electric circuits between the rails of said block and the electro-magnetic controller of the next adjacent block to the rear according to direction of the traffic whereby the operation of the controller of the next adjacent block in the rear may be determined.

1,646,684. RAILWAY-TRAIN-CONTROL SYSTEM. THOMAS E. CLARK and JAMES E. CLARK, Detroit, Mich., assignors to Continuous Train Control Corporation, Detroit, Mich., a Corporation of Michigan. Filed May 9, 1925. Serial No. 29,054. 9 Claims. (Cl. 246-63.)

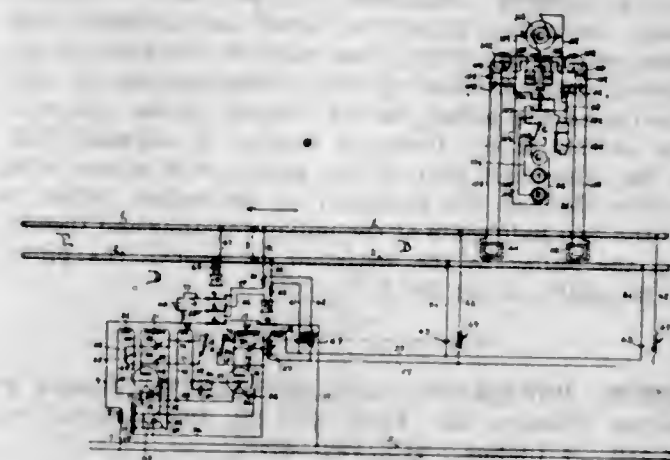
9. In a railway train control system, a track divided into blocks, a control mechanism adjacent each block

adapted to impose radio-frequency current upon the rails thereof, and means for causing such imposition of current by a control mechanism when its block and either the



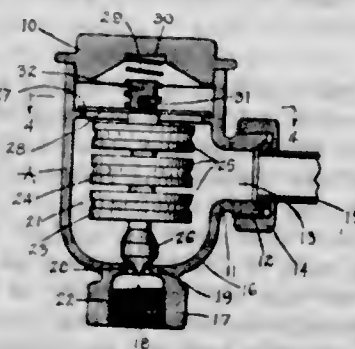
next or second block in advance are occupied and to prevent such imposition when the two blocks in advance are unoccupied.

1,646,685. CONTINUOUS TRAIN-CONTROL SYSTEM. THOMAS E. CLARK and JAMES E. CLARK, Detroit, Mich., assignors to Continuous Train Control Corporation, Detroit, Mich., a Corporation of Michigan. Filed Dec. 12, 1925. Serial No. 74,983. 12 Claims. (Cl. 246-63.)



1. In a train control system, means for propagating electro-magnetic currents of predetermined wave lengths in the track rails, additional means for propagating electro-magnetic currents of predetermined wave lengths to control the wave lengths of the currents propagated by said first mentioned means, and electrically operated means controlled by direct currents in the rails of the track in advance to predetermine the lengths of said waves.

1,646,686. RADIATOR RETURN TRAP. ARTHUR P. CROSNY, Minneapolis, Minn., assignor of one-half to William T. Price, Minneapolis, Minn. Filed Mar. 15, 1926. Serial No. 94,987. 4 Claims. (Cl. 236-58.)

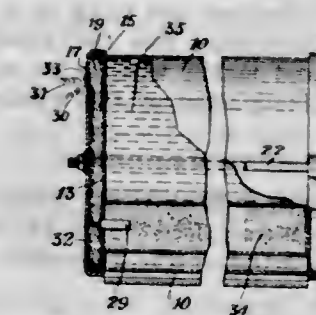


1. A trap comprising a housing having an inlet and an outlet, a valve seat formed in conjunction with said outlet, an annular shoulder formed within said housing,

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a disk adapted to be seated upon said shoulder, a spring for holding said disk in contact therewith, a thermoresponsive element attached to said disk and a valve member attached to said thermoresponsive element adapted to seat against said valve seat, said disk being of a diameter greater than said thermoresponsive element to hold said valve member in proper relation to said valve seat, said disk being adapted to recede from said shoulder under pressure from said element due to abnormal increases of temperature within said housing.

1,646,687. INDICATING DEVICE. THOMAS DALY, New York, N. Y. Filed Mar. 18, 1924. Serial No. 700,172. 4 Claims. (Cl. 109-6.)



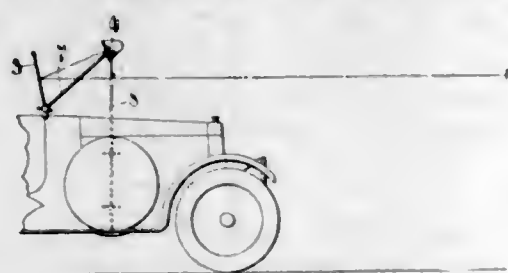
2. In a device of the class described, an outer casing having a longitudinal slot therein, a strip normally covering the said slot and making a disruptable joint in the walls of the outer casing, the said outer casing being adapted to contain a liquid, an inner casing having a longitudinal slot therein, a strip normally covering the said longitudinal slot and forming a disruptable joint in the wall of the inner casing, the said inner casing being adapted to contain an explosive, the said slots in the outer and inner casings being in alignment with one another, and a cartridge fixed in the walls of the said inner casing.

1,646,688. AUTOMATIC DOOR-LATCHING DEVICE. CAMILLE DE VLEESCHOUWER, Amsterdam, Netherlands. Filed Nov. 2, 1925. Serial No. 66,357, and in Germany Nov. 6, 1924. 2 Claims. (Cl. 292-181.)



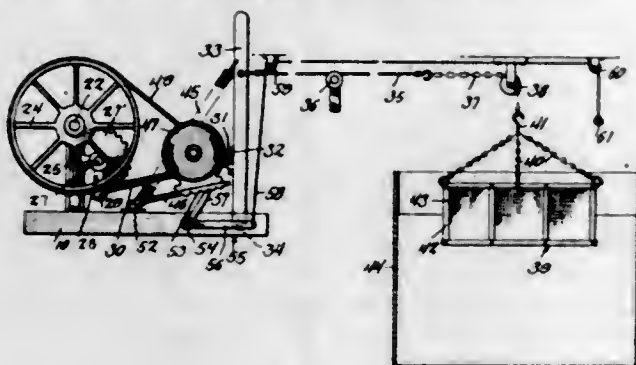
1. A door latching device including an angle attaching plate adapted to be secured to the corner of a door and having a bolt opening in one portion thereof, the other portion being provided with a curved slot opening at one side edge thereof, a bolt slidably mounted on the plate and adapted to be projected through the opening, a bell crank lever pivoted to the plate and operatively connected to the bolt, an actuating pin carried by the lever and projecting through and beyond the slot and operating therein and adapted to be moved out of the slot upon the closing of the door to effect a projection of the bolt, and means for retracting the bolt upon the opening of the door.

1,646,689. ADVERTISING DEVICE. CHARLES FREDERICK DICKSON, London, England, assignor, by mesne assignments, to Charles Gold, Ravens, Stansted, England. Filed Sept. 15, 1925, Serial No. 56,543, and in Great Britain Aug. 21, 1925. 2 Claims. (Cl. 40—130.)



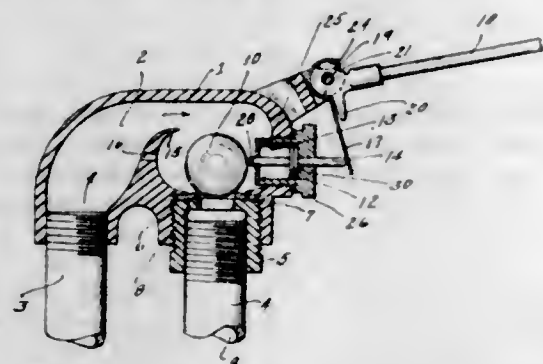
1. In an automobile, a windscreen, a sign located in front of the said windscreen and lying on a plane which intersects along a horizontal line the windscreen intermediate its height and makes with it an angle substantially equal to the inclination of the windscreen to the horizontal.

1,646,690. VEGETABLE WASHER. VERNON A. DOTY, West Springfield, Mass. Filed Apr. 14, 1926. Serial No. 102,065. 9 Claims. (Cl. 146—195.)



9. In a vegetable washer of the class described including a vertically reciprocable suspended basket, oscillatory means having flexible connection with said basket for raising and lowering the same, a rotatably mounted crank adjacent said lever, connecting rod between said rod and said lever, designed upon reciprocation to oscillate the lever, means for rotating said crank comprising a motor having drive connecting means with the crank, and means for stopping the operation of said drive connecting means consisting of a pivotally mounted platform supporting said motor, and a pivotally mounted angle lever having one arm engaging the under side of said platform whereby upon the oscillation of the other arm, the platform may be raised to stop the operation of the washer.

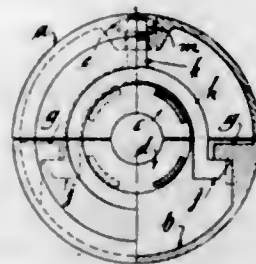
1,646,691. AUTOMATIC HYDRAULIC BALL COCK. WILLIAM L. GILCHRIST, Albany, Oreg. Filed Nov. 15, 1926. Serial No. 148,597. 6 Claims. (Cl. 137—104.)



6. In a device of the class described, a valve casing including inlet and discharge passageways, a ball valve normally seated over the outlet passageway, a thrust

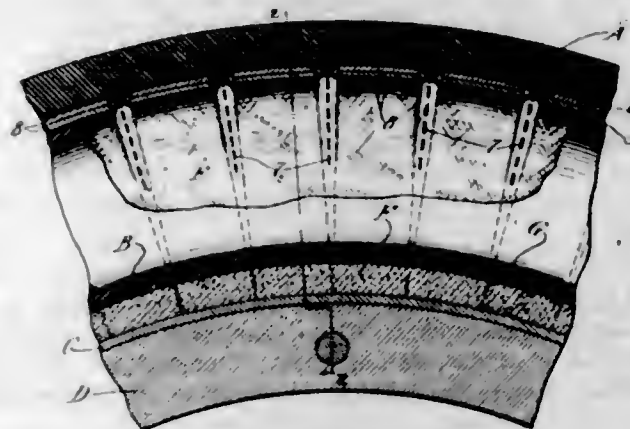
member to unseat said valve; means to cause said thrust member to unseat said valve comprising a fulcrumed arm, a rockable lever engaging said thrust member, and a projecting lug formed on said arm to engage said lever when the arm is moved in one direction; means for retaining said lever in its position to maintain the valve open; and means actuated by said arm when moved in the opposite direction to release said retaining means to permit the valve to close.

1,646,692. SPLIT PULLEY AND THE LIKE. ERNEST HAMILTON, Manchester, England. Filed Nov. 3, 1925. Serial No. 66,657, and in Great Britain Nov. 6, 1924. 2 Claims. (Cl. 64—18.)



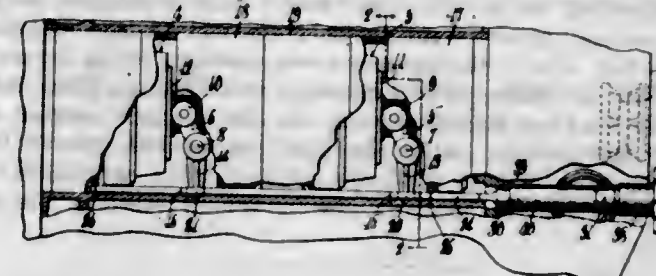
1. A split pulley comprising two half parts collectively forming the pulley proper, at least one U-shaped yoke member within the pulley, the ends of the arms of the U-shaped yoke member directly engaging one of said half-parts of the pulley, means carried by the centre or bridge portion of the U-shaped member to adjustably engage the other half part of the pulley, said means being accessible through the periphery of the pulley, either to draw the two half parts of the pulley together and thereby clamp the pulley to the shaft, or to remove the pulley from its shaft, as set forth.

1,646,693. PNEUMATIC-TIRE APPLIANCE. JOSEPH P. HAYES, Chicago, Ill. Filed Mar. 22, 1926. Serial No. 96,412. 4 Claims. (Cl. 152—8.)



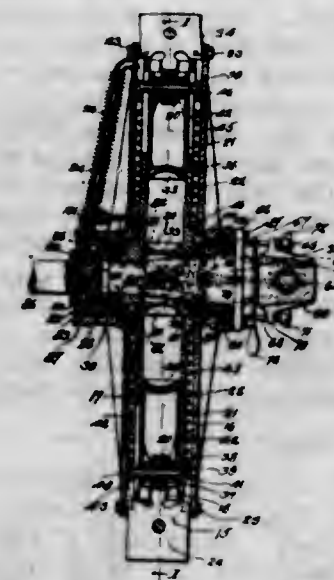
1. In combination with a tire having a tube surrounded by a casing which is mounted on a rim, an innerlining disposed between the casing and tube and conforming to the inner face of the former, the innerlining being provided adjacent the rim with substantially parallel walls the edges of which rest squarely against the rim, a filler between the walls of the innerlining and extending from the rim to the tube, and a plurality of resilient supports arranged circumferentially of the tire each extending transversely thereof with its two opposite ends against the rim, the innerlining being provided with pockets wherein such supports are individually contained, substantially as described.

1,646,694. CONTROLLING MECHANISM. MORRIS P. HOLMES, Claremont, N. H., assignor to Sullivan Machinery Company, a Corporation of Massachusetts. Filed June 12, 1924. Serial No. 719,691. 9 Claims. (Cl. 102—94.)



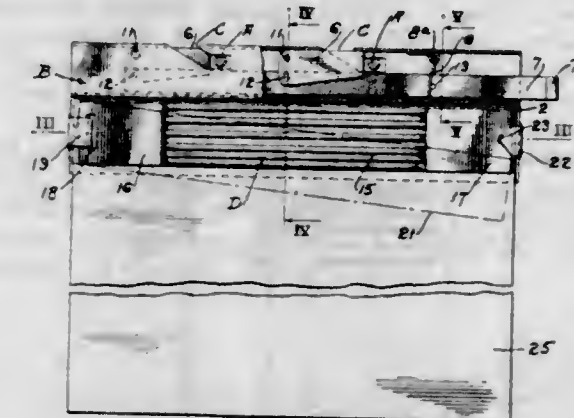
1. In a controlling mechanism, a plurality of clutch elements, and means for selectively applying said clutch elements including rods having threaded portions formed thereon, a plural part split nut cooperating with said portions, and an operating element for said nut having a cylindrical portion formed thereon adapted to encircle and retain the parts of said nut in operative position.

1,646,695. REVERSIBLE ROTARY MOTOR (GAS). LLOYD B. HUBBARD, Wichita Falls, Tex., assignor of one-fourth to Bernard Martin and Ben G. Oneal, composing the firm of Martin & Oneal, Wichita Falls, Tex. Filed July 16, 1923. Serial No. 651,753. 2 Claims. (Cl. 123—44.)



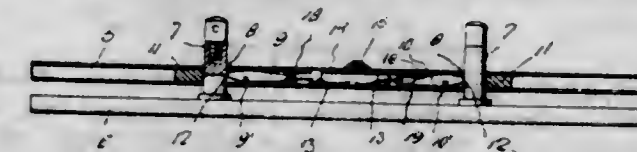
1. In an internal combustion engine, a closed casing, a rotor in said casing having a plurality of radially disposed cylinders, reciprocating pistons in said cylinders, means in the casing coacting with said pistons to rotate the rotor, said rotor being provided with a central transverse bearing opening and fluid passages leading from said opening to said cylinders, a valve member in said opening provided with inlet and exhaust passages adapted to communicate with said fluid passages as the rotor rotates, an ignition device carried by the valve member and adapted for communication with the cylinders, means for conducting explosive gases to the valve member, means for conducting exhaust gases from the valve member, and manually controlled means for at will connecting the explosive gas conducting means to the inlet passage in the valve member and connecting the exhaust gas conducting means to the exhaust passage in the valve member, and also to reverse these connections.

1,646,696. FILING DEVICE. ROBERT J. KEAYS and EDWARD I. COFFEY, San Francisco, Calif. Filed Sept. 9, 1926. Serial No. 134,421. 4 Claims. (Cl. 129—16.)



1. A device of the character described, comprising a plate having a pair of notches formed in one edge, a pair of latches pivotally mounted on the plate, and means whereby the latches are yieldingly and normally held in a position to close the notches.

1,646,697. LOOSE-LEAF BINDER. EDWARD A. KOELLING, Jr., St. Louis, Mo. Filed May 21, 1926. Serial No. 110,711. 1 Claim. (Cl. 129—12.)

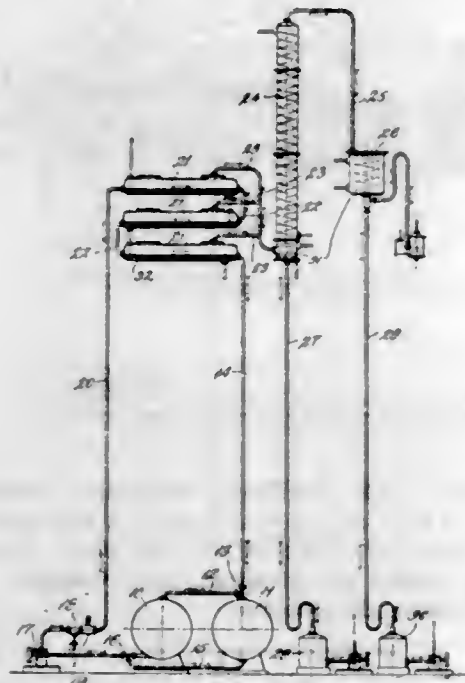


In a file binder of the class described, a pair of parallel bar members, posts carried by one of said members for sliding engagement with openings in the other bar member, pivoted levers mounted in said other bar member and having knife edges at their outer ends for projecting into the openings of said other bar member and for biting engagement with the posts, spring means associated with the levers for normally holding them in biting engagement with the posts, a slidable bar mounted in said other bar member and having its opposite ends offset, said levers having inclined edges one of which is provided with a notch, and the offset edges of the slide bar adapted to engage the inclined edges of the levers so that one offset end may rest in the notch, whereby when the slidable bar is slid in one direction one offset end moves up the inclined edge of one lever and the other off-set end out of the notch of the other lever thereby swinging said levers to release them from biting engagement with the posts.

1,646,698. FRACTIONAL DISTILLATION PROCESS AND APPARATUS. HEINRICH KOPPERS, Essen-Ruhr, Germany, assignor to The Koppers Development Corporation, a Corporation of Pennsylvania. Filed July 6, 1921, Serial No. 482,804, and in Germany Apr. 22, 1918. 3 Claims. (Cl. 196—73.)

2. A process for the stepwise distillation of natural or artificial liquid mixtures of ingredients which have different boiling points, for separating the ingredients at different boiling points, one group of ingredients at a time, which consists in: passing a quantity of such mixture in a constant current through a vaporizing device whose temperature and pressure conditions are regulated to distill the highest boiling point ingredient of the group to be eliminated; passing the eliminated ingredients into a dephlegmator whose temperature is regulated for separating one fraction; passing the remainder of the eliminated ingredients to a cooler whose temperature is regulated to take off the other fraction; discontinuing the elimination of such group of ingredients and regulating the temperature and pressure conditions in the vaporiz-

ing device and regulating the temperature in the dephlegmator and in the final cooler for the elimination of another higher boiling point groups; and then passing the



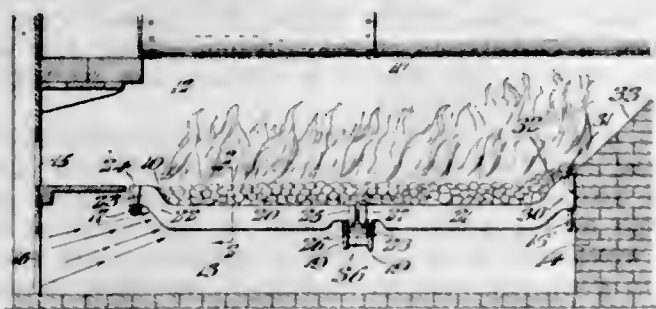
remainder of said quantity of said mixture through the same vaporizing device and passing the ingredients vaporized therein into the same dephlegmator and into the same cooler.

1,646,699. FIREARM. CRAWFORD C. LOOMIS, Mon, N. Y., assignor to Remington Arms Company, Inc., a Corporation of Delaware. Filed Jan. 22, 1925. Serial No. 3,901. 10 Claims. (Cl. 42—3.)



1. A shock deadening device for guns adapted to be interposed between the breech mechanism and a part of the frame in the path of movement of the breech mechanism, said device comprising a non metallic disk and a metallic member covering the back and edges and a peripheral section of the face of said disk but leaving a substantial part of the face exposed.

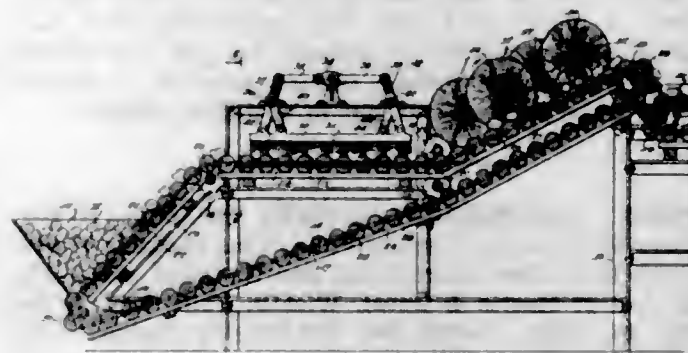
1,646,700. FURNACE-GRATE-BAR CONSTRUCTION. DENNIS MELLOR, Philadelphia, Pa., assignor of one-half to Alexander Gale, Philadelphia, Pa. Filed Apr. 23, 1925. Serial No. 25,324. 2 Claims. (Cl. 126—163.)



1. In a furnace grate bar construction, an intermediate and end support bars for grate bars, arranged in spaced relation with the intermediate support substantially below the level of both end supports, a plurality of sectional grate bars positioned on said supports with the sections of each grate bar arranged in end to end abutting relation over the intermediate support, an upturned

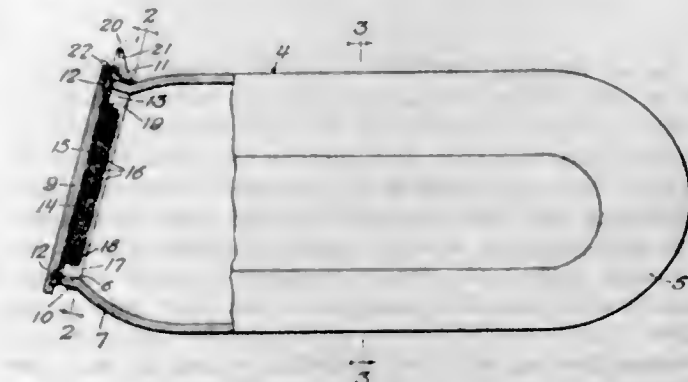
portion on each of the non-abutting ends of each grate bar section and extending above the top of the grate bar, said upturned portions being formed for seating engagement on said end supports substantially at the level of the top of the grate bar, flanges of uniform solid construction depending in parallel spaced relation from the opposite side edges of each of said grate bar sections considerably below the tops thereof and defining a deep air passage groove continuous from end to end of the grate bar, one of the upturned end portions being formed with an air passageway extending therethrough from the groove, and an interfitting lug on one abutting end of a grate bar section extending into top of the groove in the abutting end of the adjacent grate bar section over said intermediate support and in spaced relation thereabove.

1,646,701. CLEANING MACHINE FOR FRUIT, VEGETABLES, OR THE LIKE. ANDREW O. MOE, Toppenish, Wash. Filed Dec. 1, 1924. Serial No. 753,215. 3 Claims. (Cl. 146—193.)



3. In a machine for cleaning fruits, vegetables, or the like, a moving conveyor element, a plurality of scrubbing brushes mounted transversely of the machine and in side-by-side relation directly over the conveyor element, and mechanism for reciprocating the alternate scrubbing brushes in opposite directions to cause the same to maintain the fruit or the like substantially at the same relative position on the conveyor element; in combination with brushing means for subsequently dusting off and polishing the fruits or the like, said latter means consisting of a plurality of rotary brushes arranged in staggered relation, said brushes being mounted to dispose the same at a longitudinal inclination extending upwardly and away from the scrubbing brushes and with the conveyor element guided upwardly thereunder.

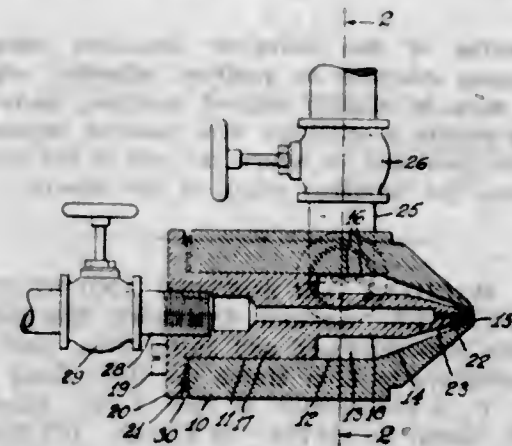
1,646,702. CONTAINER. PAUL S. MOYER, Chicago, Ill., assignor to The Aridor Company, Chicago, Ill., a Corporation of Illinois. Filed May 1, 1920, Serial No. 378,079. Renewed Apr. 22, 1925. 6 Claims. (Cl. 99—2.)



1. A container comprising, in combination, an elongated horizontally disposed receptacle appropriately flattened in transverse cross-section to adapt it for assembly in a battery or in tiers of like jars; and having a closed tapering portion tending to display the contents of the container distinctively from contents of neighbor-

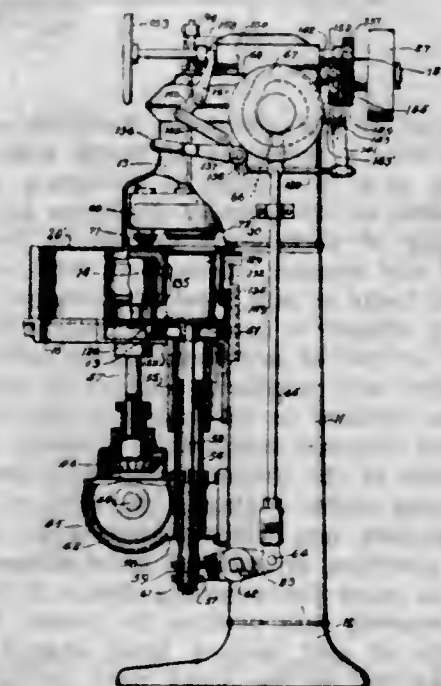
ing like containers in a battery; said receptacle having at its opposite end from the tapered portion a mouth opening obliquely and upwardly; a closure for said mouth and connected thereto to be closed by gravity, and a hygroscopic medium located within the receptacle adjacent its mouth; whereby the bulk of the contents of the receptacle may be located horizontally remote from the mouth thereof and the hygroscopic medium is located in proximity to the contents first affected by admission of moisture at the mouth of the receptacle.

1,646,703. LIQUID-FUEL BURNER. VERGIL MULHOLLAND, West Hartford, Conn., assignor to Hartford-Empire Company, Hartford, Conn., a Corporation of Delaware. Filed Apr. 15, 1925. Serial No. 23,234. 2 Claims. (Cl. 158—76.)



1. A liquid fuel burner comprising a body member having a cylindrical bore therein terminating in a conical outlet, a fuel tube having a conical extremity disposed within said bore and in spaced relation thereto, and a plurality of relatively small air ports disposed in side-by-side relation tangentially of said bore for projecting air into the space between said body member and said fuel tube, said ports having a total area sufficient to admit the desired volume of air into said space.

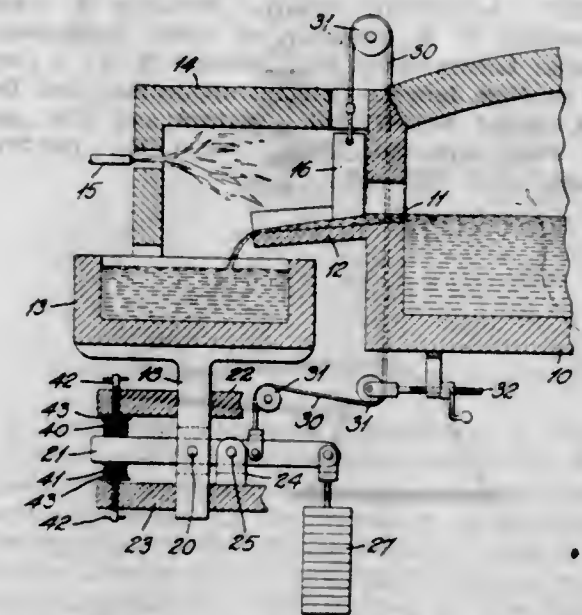
1,646,704. SEMIAUTOMATIC VACUUM-CLOSING MACHINE. RONALD E. J. NORDQUIST, Maplewood, N. J., assignor to American Can Company, New York, N. Y., a Corporation of New Jersey. Filed Mar. 5, 1923. Serial No. 622,744. 9 Claims. (Cl. 113—82.)



1. In an apparatus for vacuumizing and sealing containers, the combination of a frame having a portion of a vacuum chamber, sealing mechanism operating in said portion of a chamber, a can carrier formed with pockets each of which is adapted to be brought into position in relation with said portion of the chamber to form a

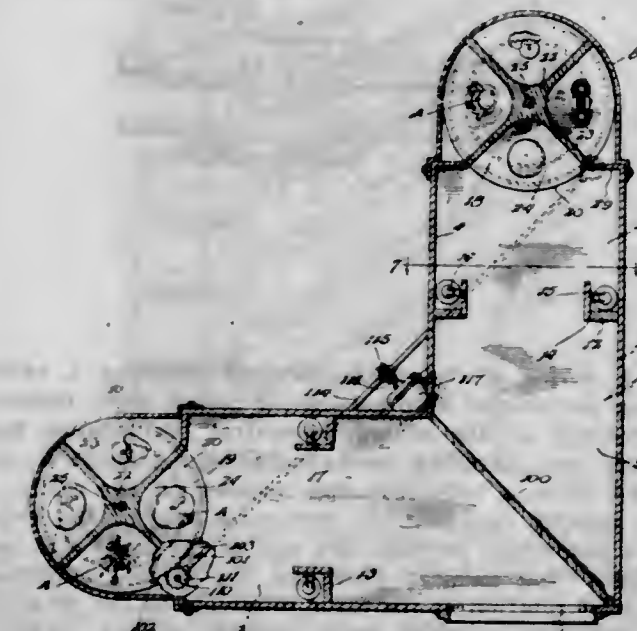
complete vacuum chamber, whereupon a can which has been conveyed by said pocket and placed in line with the sealing mechanism may be operated on and hermetically sealed thereby while in said vacuum chamber, and a floating element separate from said carrier and from said frame and slightly movable relative thereto, and subject to atmospheric pressure and interposed between said carrier and said frame and acting to seal said vacuum chamber during the sealing operation.

1,646,705. GATHERING-POOL LEVEL REGULATOR. KARL E. PRILER, West Hartford, Conn., assignor to Hartford-Empire Company, Hartford, Conn., a Corporation of Delaware. Filed Oct. 31, 1925. Serial No. 66,018. 4 Claims. (Cl. 49—55.)



4. The combination, with a glass melting tank having a discharge outlet, of a container arranged to receive molten glass from said melting tank and vertically movable with respect thereto, a gate for regulating the discharge of glass from said tank to said container, a pivotally mounted support for said container, a counterweight carried by said support for counterbalancing the weight of said container and its normal contents of glass, a connection between said support and said gate for raising said gate when said container rises and for lowering said gate when said container descends, and springs above and below said pivoted support for retarding the vertical movements of said support and of said container.

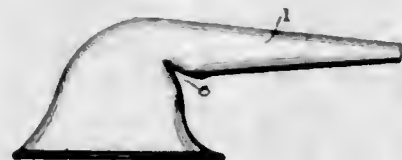
1,646,706. EXHIBITION APPARATUS. FRED POLLAND, Toledo, Ohio. Filed Dec. 4, 1925. Serial No. 73,251. 11 Claims. (Cl. 272—10.)



1. Exhibition apparatus comprising relatively angularly disposed display chambers, a combined light ray trans-

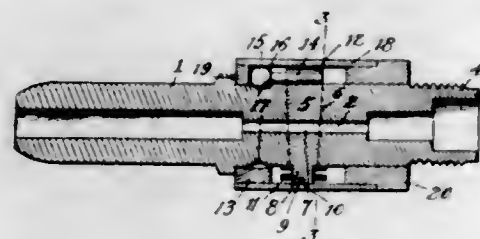
mitting and reflecting medium obliquely disposed between the meeting sides of the chambers, rotary means for supporting a plurality of exhibits within each of said chambers, continuously operating means for imparting intermittent rotary movement in a constant direction to said supporting means alternately whereby to successively bring exhibits supported thereby into position for exhibition, one chamber having a vision opening in one wall confronting said medium, and means for automatically alternately illuminating and darkening the chambers in consonance with and controlling the operation of the means for imparting motion to the exhibit supporting means.

1,646,707. ACOUSTIC HORN. WILLIAM R. RESPESS, St. George, N. Y., assignor, by mesne assignments, to Brandes Laboratories, Inc., Newark, N. J., a Corporation of New Jersey. Original application filed Dec. 8, 1923, Serial No. 679,480. Divided and this application filed Sept. 30, 1924. Serial No. 740,757. 2 Claims. (Cl. 181-27.)



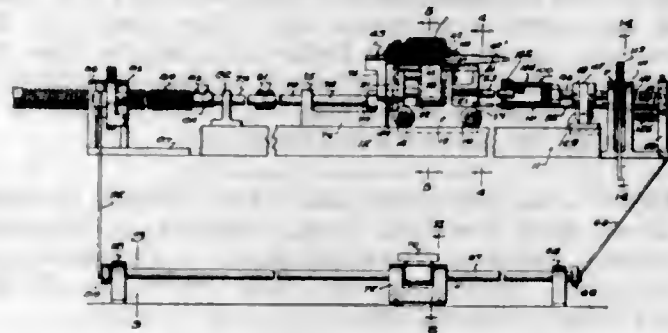
1. An acoustic horn comprising in combination a pair of side members each substantially semi-circular shaped to form a horn and a pair of V-shaped sheets positioned adjacent the throat of said side members, and a joint between said V-shaped sheets and said side members.

1,646,708. VALVE. JESSE P. RICHMOND, Memphis, Tenn., assignor of one-half to Adams Grease Gun Corporation, New York, N. Y., a Corporation of New York. Filed Nov. 16, 1925. Serial No. 69,402. 7 Claims. (Cl. 251-91.)



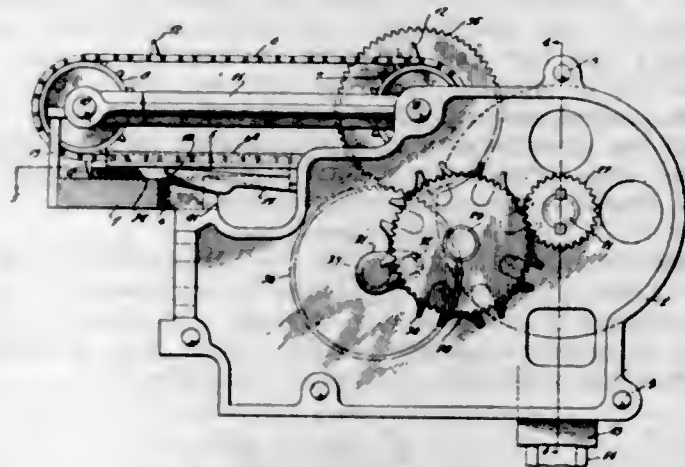
1. A device of the class described including a casing having an interior fluid passage, a rotary valve disposed transversely of the casing to control the interior fluid passage, and operating means including a transverse way on the valve, a rotatable ring member on the casing, a lever slidably engaging the transverse way of the valve, and a connection between one end of the lever and said rotatable ring member providing for pivotal movement and axial rotation of the lever relatively to the rotatable ring member, whereby upon rotation of the rotatable ring member rotary movement will be transmitted to the valve.

1,646,709. WIRE-SEAMING MACHINE. FRANK F. SCHMIDT, Appleton, Wis. Filed Aug. 2, 1926. Serial No. 126,617. 18 Claims. (Cl. 140-93.)



1. Apparatus of the character described comprising holding means adapted to position adjacent edges of sheets of wire in slightly spaced relation, and means adapted to receive a stitching wire inserted between the wires of one sheet and to return the end of the stitching wire between the adjacent edges of the sheets.

1,646,710. MACHINE FOR SORTING AND STACKING BOOK MATCHES. ANDREW SHMYROFF, Kew Gardens, and BORIS BOGOSLOWSKY and JOHN DILL, New York, N. Y., assignors to Lion Match Co., Inc., Long Island City, N. Y., a Corporation of New York. Filed Apr. 29, 1925. Serial No. 26,794. 22 Claims. (Cl. 226-4.)



1. Mechanism of the character described embodying means for feeding a succession of match books along a predetermined path to a point of discharge, a movable member operable at the point of discharge and embodying a plurality of pockets adapted to be brought, by movement of said member, successively into positions to receive match books at said point of discharge, alternate pockets being shaped to receive the match books with and without reversal of said books, and a collection passage into which said member is adapted to subsequently discharge the matches in succession in the form of a stack in which alternate matches are reversed.

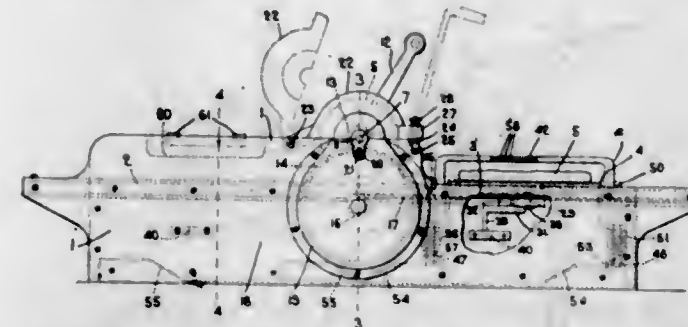
7. Mechanism of the character described embodying a match reversing device having a plurality of relatively immovable pockets into which match books, all facing in the same direction, are adapted to be successively fed, and means to move the reversing device to bring said pockets successively into position to receive the match books, certain of said pockets being shaped to effect automatic reversal of the books upon introduction of such books into said pockets and other pockets being shaped to receive the books without reversal.

18. In mechanism for handling book matches, the combination of means for continuously moving a plurality of book matches along a predetermined path with all the match books facing in the same direction, match book reversing means positioned to receive said matches at

the delivery terminus of said path, and sorting means in the path of said match books to divert improperly folded match books from the reversing means.

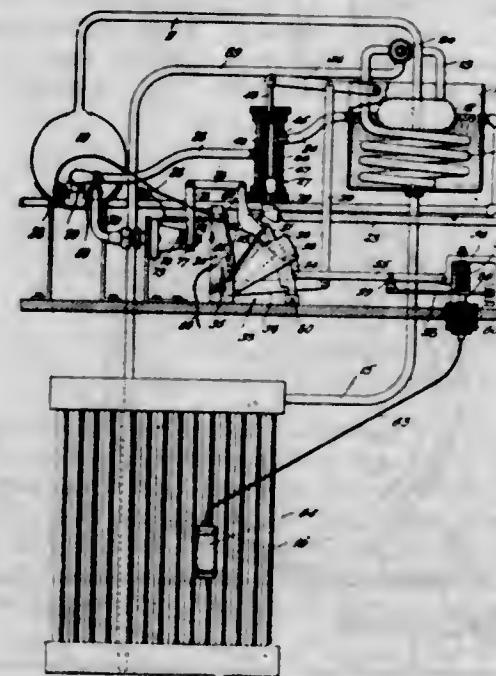
2. In mechanism for handling book matches, the combination of match book sorting means, match book reversing means, and means for feeding the folded match books to assorting means and from the assorting means to the reversing means.

1,646,711. MEAT-TENDERING DEVICE. JOSEPH P. SPANG, Quincy, Mass. Filed Nov. 15, 1926. Serial No. 148,447. 5 Claims. (Cl. 17-27.)



1. In a meat-tendering device, the combination with a plurality of rotary knives, of a meat-supporting table mounted for reciprocation beneath the knives, means to rotate the knives and to reciprocate the table, a hold-down member for clamping the meat to the table while it is being acted on by the knives, means to raise the hold-down from the meat at the end of the reciprocating movement of the table, means to turn the table, and a shedder to strip the meat from the hold-down in case it should stick thereto when the latter is raised.

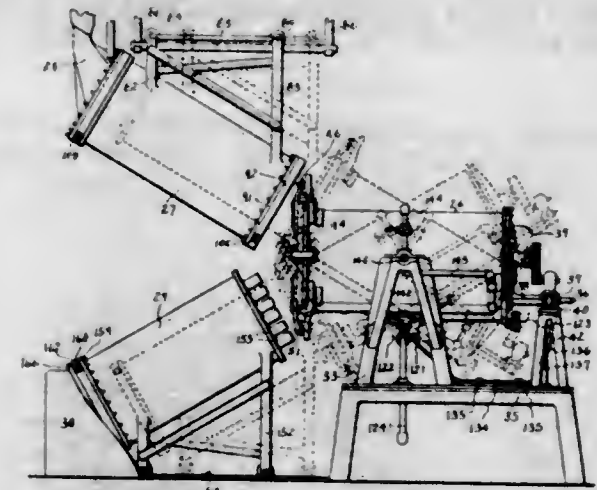
1,646,712. REFRIGERATING APPARATUS. ARCHIE HUGH STRONG, Flushing, N. Y., assignor to Master Domestic Refrigerating Company, Inc., Queens County, N. Y., a Corporation of New York. Filed Apr. 9, 1926. Serial No. 100,812. 20 Claims. (Cl. 62-5.)



1. A refrigerating apparatus comprising a generator for a refrigerant, an evaporator, periodically operated means for heating the contents of the generator, means for condensing evaporated refrigerant, means for cooling the contents of said generator, control means including a pair of control members, means for locking said members together, means responsive to varying conditions within the evaporator to move said members simultaneously whereby the heating means is rendered operative, and

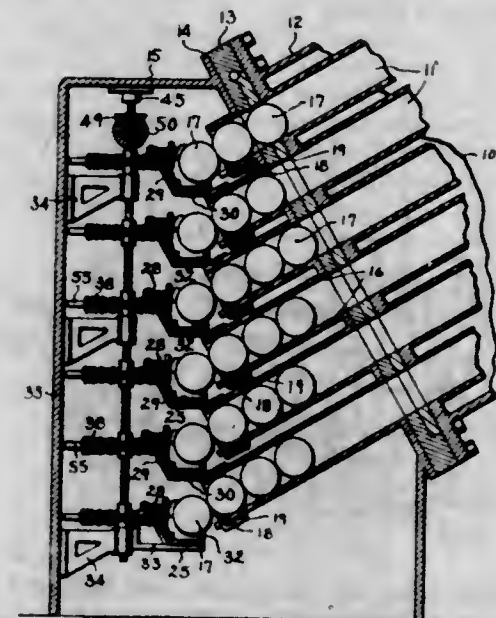
means responsive to varying conditions within the generator to unlock one of said members from the other whereby one of said members may be moved to render the heating means inoperative.

1,646,713. STERILIZING APPARATUS. BURT E. TAYLOR, Mount Vernon, N. Y., assignor to The Borden Company, New York, N. Y., a Corporation of New Jersey. Filed Jan. 28, 1926. Serial No. 84,305. 12 Claims. (Cl. 214-17.)



1. A sterilizing apparatus comprising, a sterilizer mounted to swing in a vertical plane and having an open end adapted to be closed by a cover, a movably mounted magazine for containing the articles to be sterilized and for feeding the articles into the sterilizer when the open end of the latter is pointed upwardly, a movably mounted receiving magazine for receiving the articles from the sterilizer when the open end of the latter is pointed downwardly, and means into which the receiving magazine discharges the articles.

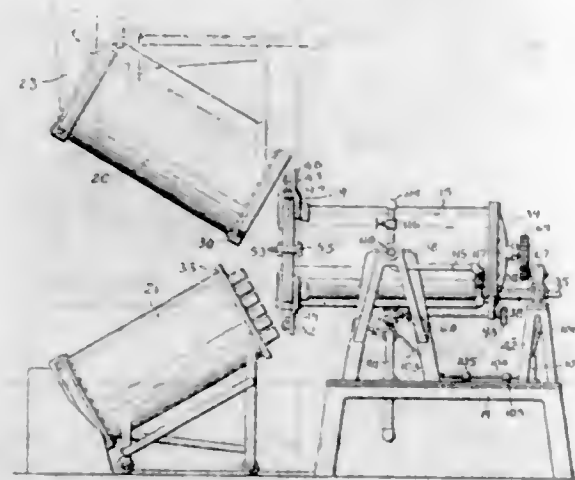
1,646,714. TRANSFER MECHANISM. BURT E. TAYLOR, Mount Vernon, N. Y., assignor to The Borden Company, New York, N. Y., a Corporation of New Jersey. Original application filed Jan. 28, 1926. Serial No. 84,305. Divided and this application filed Dec. 7, 1926. Serial No. 153,108. 7 Claims. (Cl. 198-26.)



1. A mechanism for transferring cans and the like comprising, a series of chutes, a stop at the entrance of each chute for retaining the cans therein, a shaft on which the stops are mounted, a weight for holding the stops in operative position, a channel extending transversely of the open ends of the chutes and located below them, means for lifting the weight to actuate the stops

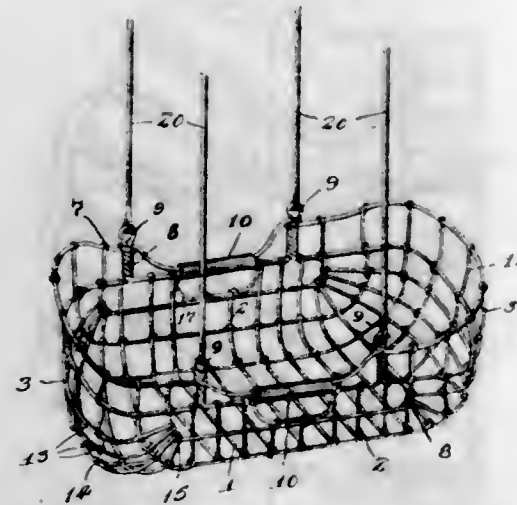
to release the first can in each chute, a series of stop arms for preventing the cans from falling into the channel, means for actuating the stop arms to permit the cans to enter the channel, and means for removing the cans from the channel.

1,646,715. STERILIZING APPARATUS. BURT E. TAYLOR, Mount Vernon, N. Y., assignor to The Borden Company, New York, N. Y., a Corporation of New Jersey. Original application filed Jan. 28, 1926, Serial No. 84,305. Divided and this application filed Dec. 7, 1926. Serial No. 153,109. 11 Claims. (Cl. 126—272.)



1. A sterilizing apparatus comprising, a receptacle having a removable cover at one end, said receptacle being movable to one position to receive the articles to be sterilized and to another position to discharge the sterilized articles, means for introducing a sterilizing medium into the receptacle, a drain pipe having disengageable parts, means for locking the parts of the drain pipe together while the receptacle is in position for the sterilizing operation and for loosening the disengageable parts of the drain pipe when the receptacle is to be moved to its receiving position or to its discharging position.

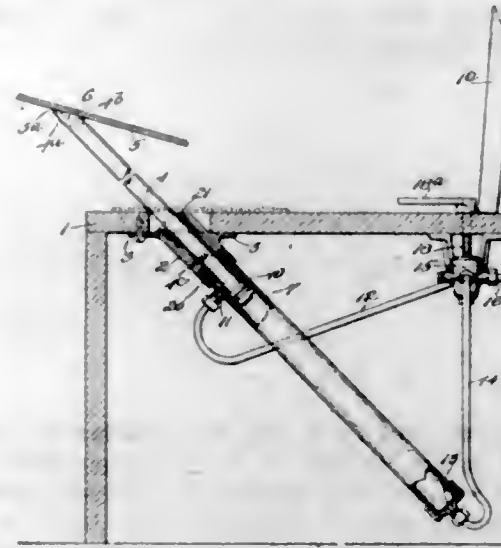
1,646,716. SWING. FREDERICK H. WHEELER, Tucson, Ariz. Filed Aug. 29, 1925. Serial No. 53,320. 2 Claims. (Cl. 5—101.)



1. A swing made up of strands and having a bottom, side and end walls, the side walls and the bottom being formed of interconnected longitudinally and transversely extending strands, the longitudinal strands extending at their ends beyond said transverse strands and having said ends curved upwardly, the end walls being made up of short transversely extending and curved strands secured at their ends to one of said longitudinal strands on opposite sides of the swing, and also interconnected with the extended ends of said longitudinal strands, a heavy

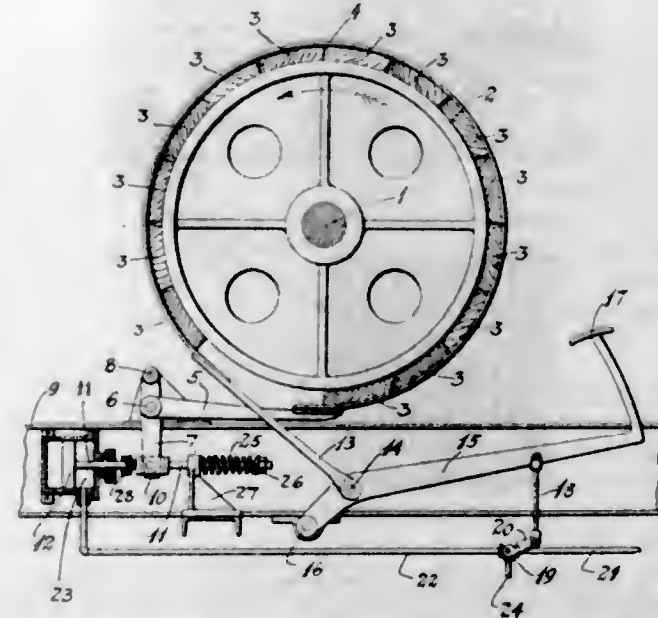
circumferential wire at the upper portion of said swing and connected with said longitudinal and transverse strands, and suspension elements connected with said heavy wire.

1,646,717. STAND FOR FITTING SHOES. WILLIAM H. WHITE, Quincy, Mass., assignor to Regal Shoe Company, Whitman, Mass., a Corporation of Massachusetts. Filed Sept. 22, 1924. Serial No. 739,056. 4 Claims. (Cl. 15—265.)



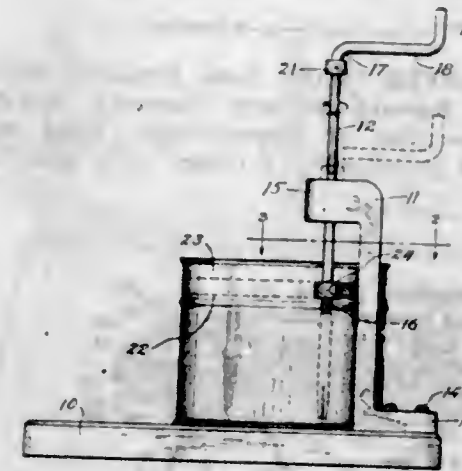
1. A stand for shoe fitting embracing in combination a supporting sleeve, a piston chamber, a piston plunger slidable up and down through said sleeve and chamber by compressed air admitted to said chamber and provided at its upper end with a foot-rest, and guiding means for preventing the rotation of said plunger about its axis when the plunger reaches the top of its traverse, substantially as described.

1,646,718. BRAKE. FRANK WILKINSON, New Castle, Ind., and WERNER LEHMAN, Milwaukee, Wis., assignors to Bucyrus Company, South Milwaukee, Wis., a Corporation of Wisconsin. Filed Apr. 11, 1923. Serial No. 631,270. 14 Claims. (Cl. 188—77.)



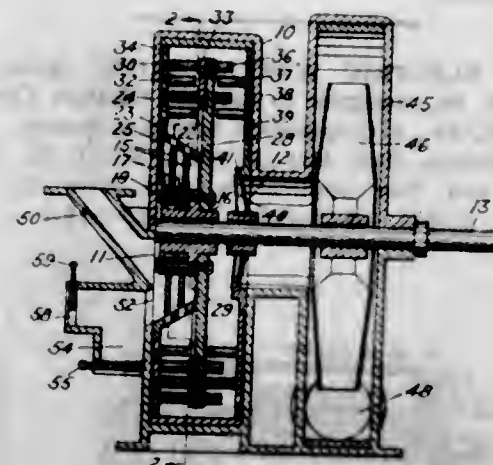
1. In a brake, the combination of a rotating shaft, a brake drum thereon, a brakeband for frictional engagement with the drum, brake-control mechanism, means controlled thereby for setting and releasing the brake, and separate means controlled by said mechanism for taking up and restoring the slack in the brake-band.

1,646,719. OPENING DEVICE FOR TEARING-STRIP CANS. JOHN M. YOUNG, Brooklyn, N. Y., assignor to American Can Company, New York, N. Y., a Corporation of New Jersey. Filed July 28, 1924. Serial No. 728,541. 9 Claims. (Cl. 220—52.)



1. An apparatus for removing a tearing strip set off in a can body by score lines extending about the body and having a tongue, which comprises a support for the can body, a member providing a fixed bearing above the can body and a rotatable tongue engaging member mounted in said bearing and adapted upon rotation to wind the strip upon itself and rotate the can body as said strip is removed.

1,646,720. PULVERIZING APPARATUS. L. V. ANDREWS, Worcester, Mass., assignor to Riley Stoker Corporation, Worcester, Mass., a Corporation of Massachusetts. Filed May 18, 1926. Serial No. 109,995. 11 Claims. (Cl. 83—11.)

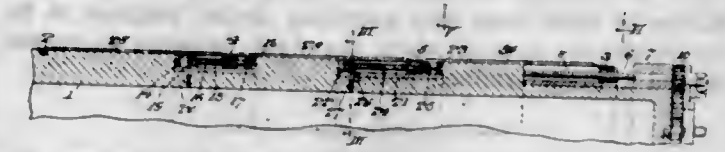


1. A pulverizing apparatus comprising a casing, beaters revolvably mounted therein, means forming a receptacle for hard foreign bodies arranged laterally of the revolving beaters and out of the direct radial path of the material hurled from the beaters, and means providing inlet and outlet openings for the introduction of material and the transportation thereof from the casing.

1,646,721. PLATE-CLAMPING MECHANISM FOR PRINTING PRESSES. HOWARD M. BARBER, Westery, R. I., assignor to C. B. Cottrell & Sons Company, Westery, R. I., a Corporation of Delaware. Filed Dec. 31, 1925. Serial No. 78,578. 4 Claims. (Cl. 101—378.)

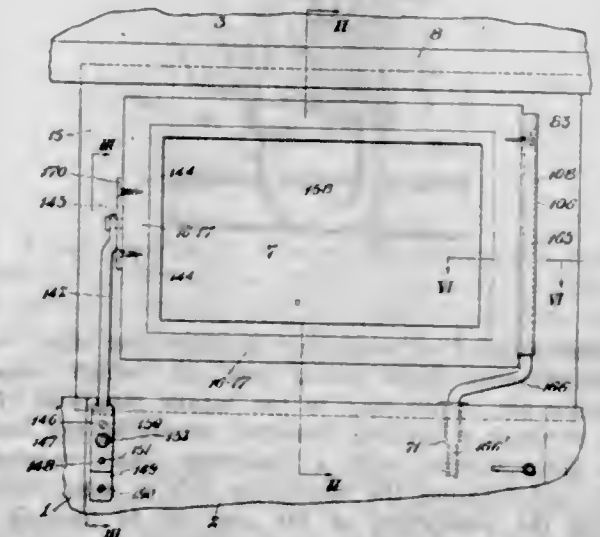
1. A cylinder and plate clamping means therefor, including a double side plate clamp arranged to engage two adjacent plates, said cylinder having a longitudinal groove forming a guide for the clamp, and a circumferential groove, end bearings in said longitudinal groove,

a single threaded screw shaft having a limited free endwise movements in said end bearings and engaging the clamp for imparting endwise movement thereto,



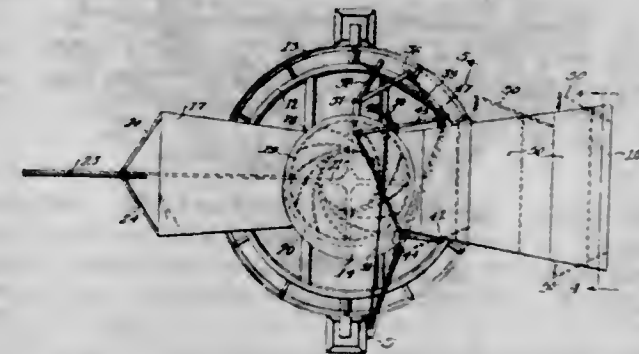
and means on said shaft exposed through said circumferential groove for use in the manual rotation of said shaft.

1,646,722. AUTOMOBILE INCLOSURE. GEORGE E. BISHOP, Cleveland, Ohio. Filed Feb. 4, 1924. Serial No. 690,440. 6 Claims. (Cl. 296—139.)



1. The combination with a vehicle body including a door and a top having a rigid top rail; of a removable side inclosure comprising a rigid panel adapted to cover the door heading between the top and the door, supporting means for mounting said panel upon the vehicle door so as to ride in and out with the latter, said supporting means including a brace upon the hinge side securing together the panel and door and detachably connected to at least one of them, and a substantially vertical panel supporting rod nonrotatably secured to the door upon the handle side, the panel being adapted to be turned on said rod, whereby, the brace being detached from the door or panel, the latter can be swung outwardly from the body and horizontally around said rod to enable, when the door is open, the lifting of the panel from the door without interference with the rigid top rail.

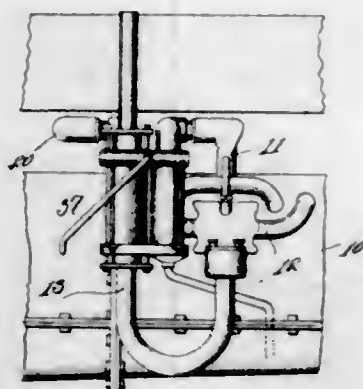
1,646,723. FLUID MOTOR. DOMENICO BONETTO, St. Louis, Mo. Filed Oct. 19, 1925. Serial No. 63,449. 6 Claims. (Cl. 170—12.)



1. In an apparatus of the class described, a funnel-shaped receiving device, a rotor immediately adjacent said device and to which the latter directs fluid adapted

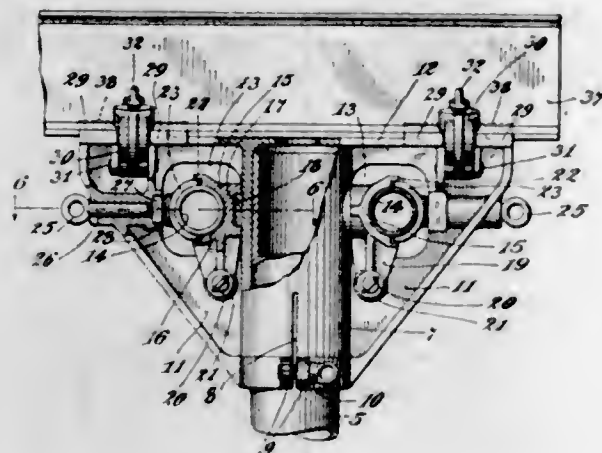
to drive the rotor, a valve for controlling the admission of fluid from the receiving device to the rotor, means for automatically controlling said valve, and a second valve in advance of said first valve for permitting discharge of fluid from said receiving device adapted to be automatically opened when the fluid pressure increases beyond a predetermined point.

1,646,724. DILUENT SEPARATOR. SOUTHWICK W. BRIGGS, Glenmont, Md. Filed July 27, 1926. Serial No. 125,209. 3 Claims. (Cl. 123-196.)



1. That method of removing diluents and other volatile constituents from crank case oil, which consists in passing air on its way to the intake manifold of an engine through a heating chamber, admixing the heated air in large volume with a relatively small volume of the oil and forming the admixture into a mist, spirally whirling the admixture of air and oil to prolong the contact of the air and oil and maintain the mist form whereby the heated air may reduce the surface tension of the oil to a point where the diluents are freed from the oil, abruptly reversing the direction of flow of the admixture of oil and air to separate the heavier from the lighter constituents so that the air may carry off the lighter constituents therewith, and collecting the oil freed of its lighter constituents and returning the oil to the crank case.

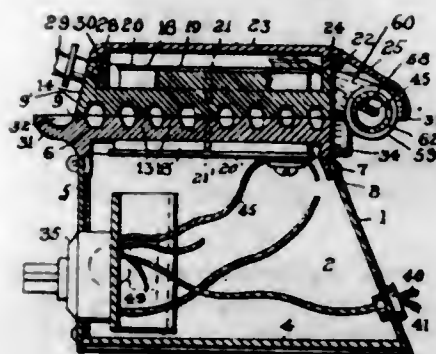
1,646,725. SUPPORTING STRUCTURE. FREDERIC A. DAVIDSON, Chicago, Ill., assignor to American Safety Device Company, New York, N. Y., a Corporation of New York. Filed May 6, 1925. Serial No. 28,295. 7 Claims. (Cl. 189-42.)



1. A supporting structure of the character described comprising transversely spaced series of columns, a head for each of said columns having means for detachably

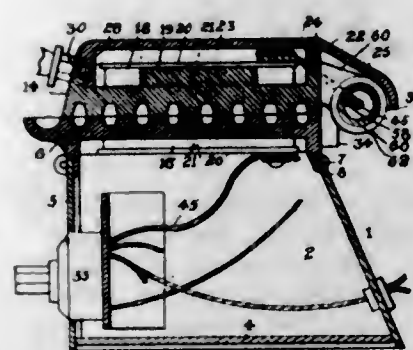
connecting the same with the upper end of the column, longitudinal members for connecting the spaced columns in each series, and independently adjustable clamping devices pivotally mounted on each column head for rigidly clamping the ends of said longitudinal members in independently adjusted position thereon.

1,646,726. WAFFLE IRON. KARL EHROTT, Erie, Pa., assignor to Bernard Gloekler Company, Pittsburgh, Pa., a Corporation of Pennsylvania. Filed May 2, 1925. Serial No. 27,428. 1 Claim. (Cl. 53-10.)



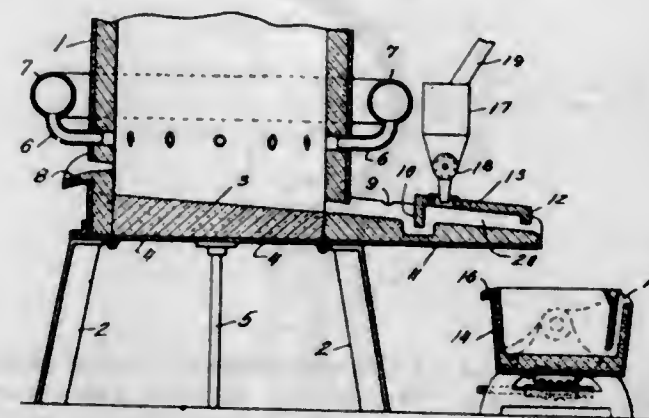
In a waffle-iron, a lower griddle member, an upper griddle member hinged thereto, a cover lying on the upper member, means depending from the cover back from the front edges of the cover and the upper member and lapping the upper member a short distance back from its front face, a handle wholly external of the cover, and means cooperating with the handle, the said depending means and the upper griddle member for securing the handle, the cover and the upper griddle member rigidly together.

1,646,727. ELECTRIC WAFFLE IRON. KARL EHROTT, Erie, Pa., assignor to Bernard Gloekler Company, Pittsburgh, Pa., a Corporation of Pennsylvania. Original application filed May 2, 1925, Serial No. 27,428. Divided and this application filed Dec. 21, 1925. Serial No. 76,575. 4 Claims. (Cl. 219-19.)



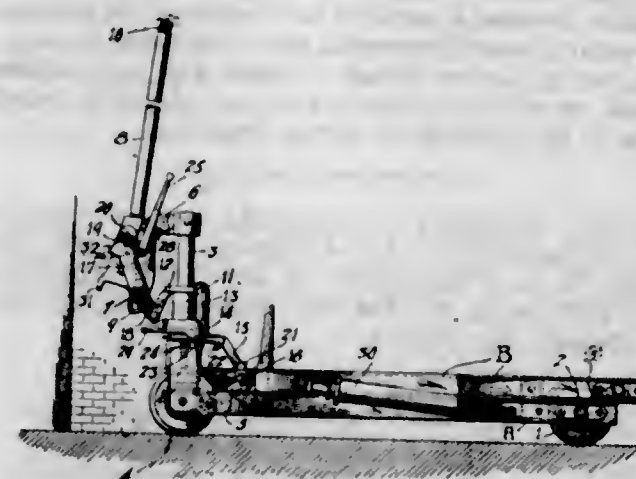
1. In an electric heater, a lower member, an upper member, pivotally connected pairs of hinge lugs for the members, a resistor for the upper member, two hollow L-shaped conduits connected respectively with the members and independent of and between the said pairs of hinge lugs, the outer ends of the conduits facing each other and having their axial centers in alignment with the axial centers of the hinge pivots, and electric conductors passing through the two conduits and connected to the resistor.

1,646,728. REFINING OF IRON. GEORGE S. EVANS, Oak Park, Ill., assignor to The Mathieson Alkali Works, New York, N. Y., a Corporation of Virginia. Filed June 7, 1926. Serial No. 114,157. 2 Claims. (Cl. 75-27.)



1. A process of refining iron which comprises flowing a stream of the iron in a molten state through an elongated passage way to a receptacle adapted to contain a pool of the molten iron, introducing into the passage way in contact with the stream of molten iron a pulverulent refining agent fusible at the temperature of the molten iron, confining the pulverulent refining material so introduced to the passage way until sintered, and thereafter permitting the refining material to flow with the stream of molten iron to the said receptacle to form a refining slag on the pool of iron therein.

1,646,729. ELEVATING TRUCK. HENRY SHELDON GERMOND, Jr., Bayonne, and FRANK L. EIDMANN, North Bergen, N. J., assignors to said Henry S. Germond, Jr. Filed Oct. 4, 1923. Serial No. 666,441. 15 Claims. (Cl. 254-10.)



1. An elevating truck comprising a main frame mounted on wheels at its rear end, a steering swivel carrying wheels journaled in the front end of said frame, a member movable in substantially the line of axis of said steering swivel and having a peripheral flange, an elevating platform mounted on said frame for vertical movement, an operative connection between said member and said platform, an articulated two-part handle for actuating said member, one part of said handle being fulcrumed intermediate its ends on said steering swivel to swing in vertical planes, while the other part is adapted to interlock with the first-mentioned part as the second-mentioned part is swung downwardly in a vertical plane to actuate said first-mentioned part, and a thrust pawl interposed between said first-mentioned part and said flange to raise said member as said first-mentioned part is actuated and elevate said platform.

1,646,730. BRIEF BAG. JACOB GOERK, Irvington, N. J. Filed July 31, 1926. Serial No. 126,112. 2 Claims. (Cl. 150-1.6.)



1. A bag comprising a main bag including a frame of hinged members, and an outside case on the main bag and having a covering flap, the ends of the case and the top of the flap being secured to one of the members of the frame so as to extend to substantially the outside edge thereof.

1,646,731. GLAZING COMPOSITION. CLAUDE S. HUDSON, Trenton, N. J., assignor to Standard Development Company, a Corporation of Delaware. Filed Aug. 19, 1921. Serial No. 493,690. 3 Claims. (Cl. 99-8.)

1. A glaze composition for glazing candy comprising approximately three parts by weight of a spirit-soluble gum dissolved in approximately six to seven parts by weight of iso-propyl alcohol.

1,646,732. ALUMINUM-CHLORIDE PROCESS. HENRY I. LEA, Santa Monica, Calif., and CLIFFORD W. HUMPHREY, Red Bank, N. J. Filed June 20, 1923, Serial No. 646,555. Renewed Mar. 16, 1927. 12 Claims. (Cl. 23-95.)

1. A process that includes dehydrating and decomposing aluminum sulphate to obtain aluminum oxide and then chlorinating the resulting oxide to form anhydrous aluminum chloride.

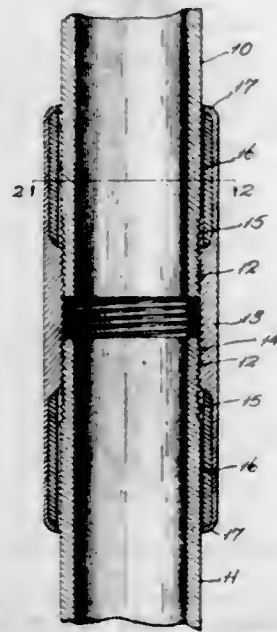
1,646,733. ALUMINUM-CHLORIDE PROCESS. HENRY I. LEA, Santa Monica, Calif., and CLIFFORD W. HUMPHREY, Red Bank, N. J. Filed June 20, 1923, Serial No. 646,559. Renewed Mar. 16, 1927. 4 Claims. (Cl. 23-95.)

1. A process that includes treating dehydrated aluminum sulphate with a chloride under heat to form aluminum oxide and a chlorinating agent, and then chlorinating the aluminum oxide with said chlorinating agent.

1,646,734. METALLURGICAL METHOD. JOHN WESLEY MARDEN, East Orange, N. J., assignor to Westinghouse Lamp Company, a Corporation of Pennsylvania. Filed Aug. 21, 1922. Serial No. 583,375. 10 Claims. (Cl. 75-17.)

1. The method of producing a metal of the group comprising uranium, thorium, zirconium, titanium, vanadium, tantalum and tungsten which consists in reducing a halide of one of said metals by means of an alkali metal and an alkaline-earth halide.

1,646,735. ELECTROCHEMICAL METHOD FOR PREVENTING CORROSION. RONALD VAN AUKEN MILLS, Sandy Spring, Md., assignor to Peter Q. Nyce, Washington, D. C. Filed July 21, 1924, Serial No. 727,395. Renewed Sept. 3, 1926. 2 Claims. (Cl. 204—1.)



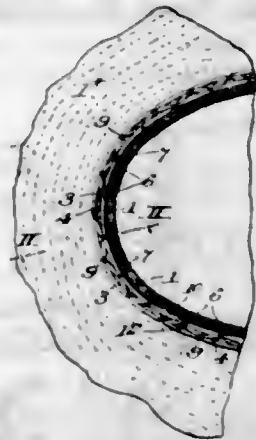
1. The method of protecting well tubing against corrosion, which consists in providing a collar upon said tubing, said collar having a zinc ring in close proximity to the tubing but spaced therefrom.

1,646,736. ELECTROCHEMICAL MEANS FOR PREVENTING CORROSION. RONALD VAN AUKEN MILLS, Sandy Spring, Md., assignor to Peter Q. Nyce, Washington, D. C. Original application filed July 21, 1924, Serial No. 727,395. Divided and this application filed Nov. 19, 1924. Serial No. 750,807. 9 Claims. (Cl. 204—1.)



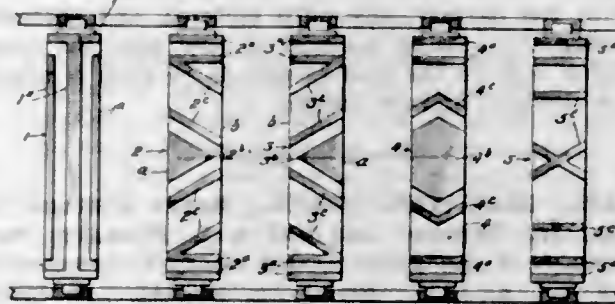
9. Means for preventing corrosion comprising in combination with well tubing or casing composed of a plurality of lengths, protective collars connecting successive lengths of the tubing or casing, each collar being provided with a ring of substantial thickness in close proximity to, but spaced from said tubing or casing, and composed of metal which is electro-positive with respect to the metal of which the tubing or casing is composed.

1,646,737. SWEATBAND FOR HATS. EDWARD M. POONS, New York, N. Y. Filed Aug. 17, 1926. Serial No. 129,303. 7 Claims. (Cl. 2—182.)



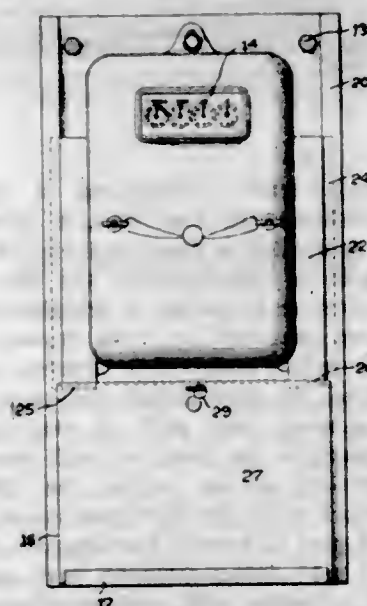
1. A sweat band for hats comprising a series of endless bands of material concentrically disposed and secured together, each of said bands being composed of a continuous strand of tubular material formed into superimposed annular layers secured together in substantially horizontal alignment.

1,646,738. ART OF PRINTING RUGS. GEORGE PRIFOLD, Somerville, N. J. Filed Jan. 3, 1927. Serial No. 158,456. 8 Claims. (Cl. 101—211.)



1. The improvement in the art of printing rugs, which comprises forming a complete end border and an end figure on separate blocks, impressing said blocks side by side to print an end-border design on each rug, and utilizing the one of said blocks having the end figure to print a design at an intermediate part of each rug.

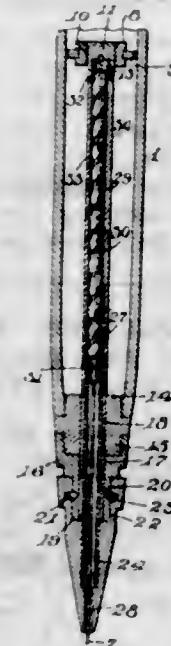
1,646,739. HOUSING. ALCIDES M. ALCÁZAR, Brooklyn, N. Y., assignor to Meter Service Corporation, New York, N. Y., a Corporation of New York. Filed Sept. 16, 1922, Serial No. 588,734. Renewed Jan. 12, 1927. 5 Claims. (Cl. 272—2.)



1. A device of the character described including in combination a backing plate having its edges turned inwardly,

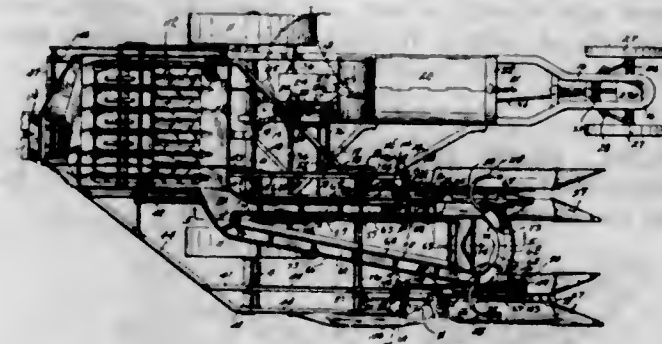
a meter carried by said plate and having its sides spaced from the side edges of said plate, leads operatively connected to said meter and extending within said space, and housings for said leads having side walls whose edges are bent outwardly to extend into the groove provided by the turned-over side edge of the backing plate.

1,646,740. MAGAZINE PENCIL. MAURICE ALLAND, Atlantic City, N. J. Filed Oct. 3, 1925. Serial No. 60,220. 1 Claim. (Cl. 120—1.)



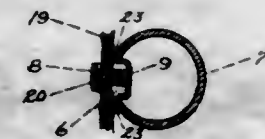
A writing instrument comprising a pen having a reservoir, a suction plunger therein, a closure for one end of the reservoir, a hollow shaft extending from one end of the plunger and below said closure and slidable through the latter, an actuating member on said shaft detachably connected to said closure, an actuating member carried by and rotatable relatively to the first mentioned actuating member, a rotatable sleeve substantially within said shaft partly extending below the same and to which the second actuating member is secured, and means within and co-acting with said shaft and sleeve to hold and feed lead.

1,646,741. CORN PICKING AND HUSKING MACHINE. SELL W. BARNETT, Webster City, Iowa. Filed Jan. 7, 1925. Serial No. 1,119. 4 Claims. (Cl. 56—18.)



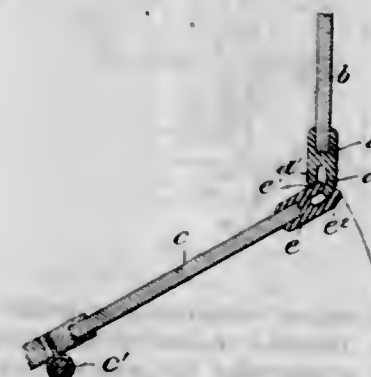
1. In a corn picking machine, a wheel supported frame, spaced sets of corn picking mechanism thereon, a single endless conveyor arranged in an inclined trough between the mechanisms for conveying the corn picked by both sets, having sprocket wheels, the axes of the sprocket wheels of said conveyor being substantially vertical to the bottom of said inclined trough, whereby corn is received from one corn picking mechanism and is carried to the other one where the conveyor receives the corn therefrom.

1,646,742. CLASP FOR PENCILS. BERNARD C. BUCKMAN, York, Pa. Filed Nov. 18, 1922. Serial No. 601,697. 7 Claims. (Cl. 24—11.)



1. The combination of a pencil having a cavity in the side thereof, and a garment clasp in said cavity, said clasp being arranged to close said cavity in a manner substantially flush with the surface of said pencil and capable of opening to grip the garment, when pressure is applied thereto while it lies within said cavity.

1,646,743. WEATHERPROOF JOINT FOR WINDSHIELDS AND THE LIKE. HARRY BERNARD, Allentown, Pa., assignor to International Motor Company, New York, N. Y., a Corporation of Delaware. Filed May 5, 1927. Serial No. 188,878. 2 Claims. (Cl. 296—93.)



1. In combination with two relatively movable sections having edges adapted to be moved into and out of proximity, strips of yielding non-metallic material mounted upon said edges, said strips being formed respectively with a relatively short ridge and a relatively long ridge, said ridges being adapted to interlap to form a weatherproof joint when the edges are moved into proximity, the long ridge of one strip lying between the short and long ridges of the other strip and the short ridge of the second strip lying between the short and long ridges of the first strip.

1,646,744. AUTOMATIC PATTERN STAB. ELIZABETH E. BRINSER, Elizabethtown, Pa. Filed Mar. 16, 1927. Serial No. 175,910. 3 Claims. (Cl. 33—5.)

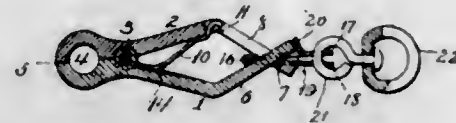


3. The combination with a pattern, of a stab, comprising a body having its opposite ends blunt-pointed and adapted to be applied to the pattern so that its ends extend from opposite sides thereof, one end having a flange to rest on one side of the pattern and the other end provided with a circumferential groove exposed on the other side of the pattern and a resilient washer forced into engagement with said groove and flattened out against the pattern.

1,646,745. SNAP. JOHN F. CARPMILL and HORACE G. HANCOCK, New Britain, Conn., assignors to North & Judd Manufacturing Company, New Britain, Conn. Filed Mar. 22, 1927. Serial No. 177,346. 3 Claims. (Cl. 24—232.)

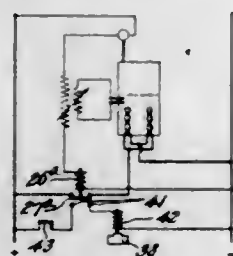
1. A device of the character described comprising two levers pivotally connected together and formed with jaws at their forward ends, a slotted arm projecting from

one of said levers, an arm projecting from the other lever and passing through said slotted arm and provided with a cross-head, and a lock device through which said



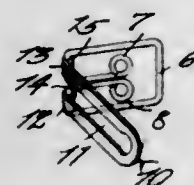
arms pass and adapted to engage between the free ends of said arms, said lock device having a laterally projecting lug to engage one of said arms.

1,646,746. ELECTRIC STEAM GENERATOR. EMIL J. CARROLL, Norwood, Ohio, assignor to The American Laundry Machinery Company, Cincinnati, Ohio, a Corporation of Ohio. Filed July 3, 1922. Serial No. 572,576. 2 Claims. (Cl. 219-20.)



1. A steam generator, comprising a boiler, electrical heating members therefor normally immersed in the boiler water, and a controller for said heating members, including a control circuit having a primary coil, and a secondary therefor having electrodes so located as to be normally immersed in the boiler water to close the secondary circuit and to open said circuit when the water level lowers and exposes said heating members to the steam space.

1,646,747. TURN-PAGE CLAMP. EUGENE S. COSTA, Chattanooga, Tenn. Filed Nov. 23, 1926. Serial No. 150,326. 2 Claims. (Cl. 24-66.)

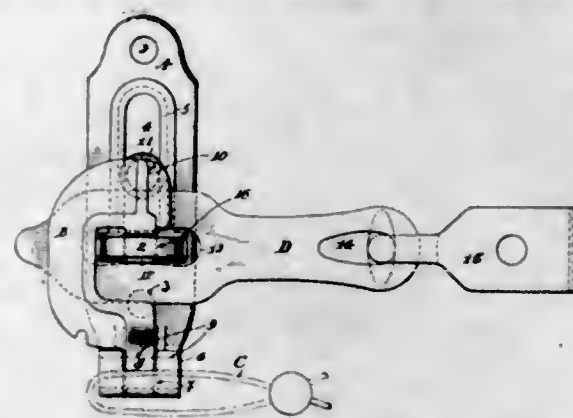


2. In a music turning device, a clip comprising a frame-like structure having tongues extending within the area of the frame, said tongues terminating in eyes, and a finger grasp pivotally connected to the frame.

1,646,748. CAR-DOOR FASTENER. JOHN L. ELER, Cleveland, Ohio, assignor, by mesne assignments, to National Malleable and Steel Castings Company, Cleveland, Ohio, a Corporation of Ohio. Filed Nov. 11, 1922. Serial No. 600,205. 6 Claims. (Cl. 292-284.)

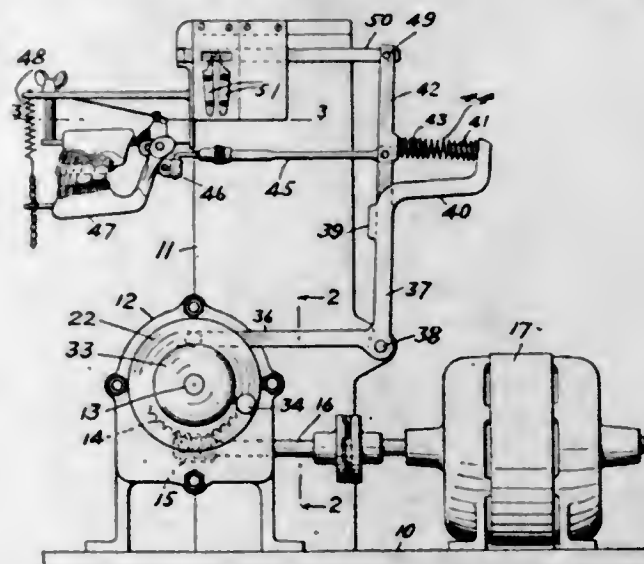
1. A car door fastener comprising a plate attached to a car door sill having a staple attached thereto, a hasp attached to the car fitting over the staple, and a bolt having a plurality of projections, one seating in the staple and the other in the plate when in locked position, said bolt having also a rotative engagement with said plate, and said hasp being releasable by the said bolt on vertical

movement of the bolt a sufficient distance to free one projection from its seat in the plate, thereby freeing the other projection from the staple on rotation of the bolt



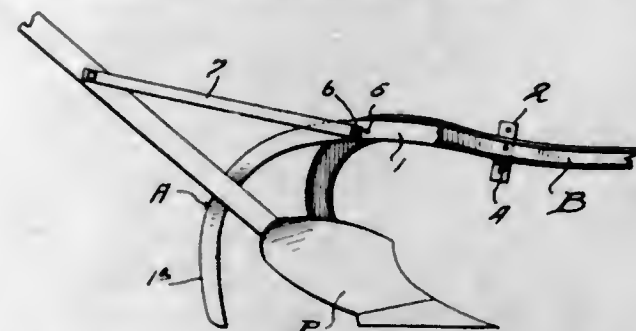
about its point of rotative engagement with said plate, and sealing means for securing the second mentioned projection of the bolt to the plate when in locked position.

1,646,749. DENTAL APPARATUS. ABEL DE WITT GRITMAN, Philadelphia, Pa. Filed Mar. 9, 1925. Serial No. 13,956. Renewed Mar. 3, 1927. 7 Claims. (Cl. 32-1.)



1. A device of the character stated comprising a supporting structure, means carrying upper and lower sets of artificial teeth supported by said structure, a laterally extended shaft, means for constantly driving said shaft, a pair of eccentrics upon each side operable from said shaft and means including a pair of bell-crank levers each having an L-shaped and cushioned end operatively arranged between said eccentrics and said means for causing one of said sets of teeth to function as a grinding agent with respect to the other of said sets of teeth.

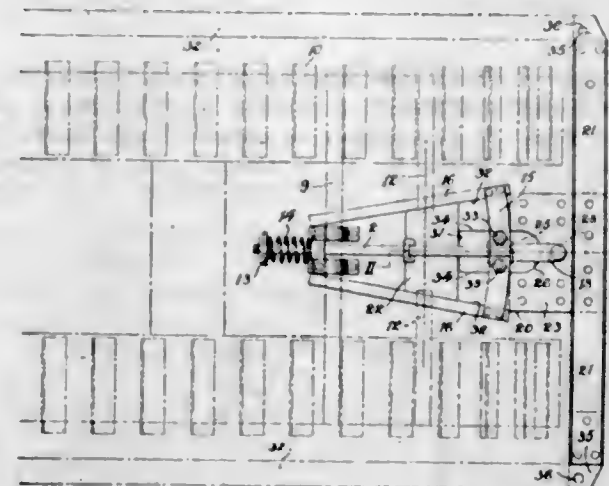
1,646,750. PLOW ATTACHMENT. JOEL HOLLEY and SIMON HOLLEY, Florida, Ala. Filed July 25, 1925. Serial No. 46,082. 1 Claim. (Cl. 97-129.)



The combination with a plow beam having one end provided with a depending foot, handle braces, and a bolt for attaching said braces to the beam; of a supplemental foot

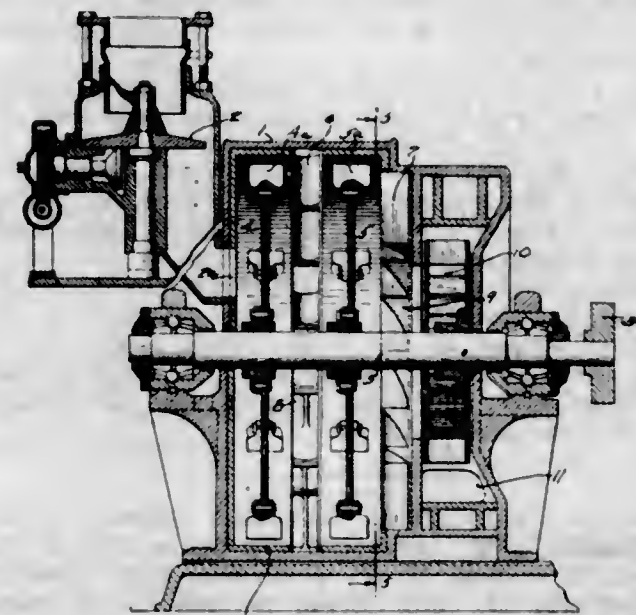
pivoted on said bolt and having one end portion substantially straight and its opposite end portion curved, said supplemental foot comprising two duplicate members arranged side by side, said duplicate members having their straight portions arranged at opposite sides of the beam, a plate interposed between and connecting the outer extremities of the curved portions of said members, the outer extremities of the straight portions of the members being provided with cross heads to provide means for attaching the supplemental foot to the beam, the inner extremities of the straight portions of the members being provided with a series of longitudinally disposed openings for selectively receiving the bolt for adjustably connecting said extremities to the beam.

1,646,751. MEANS FOR ATTACHING SNOWPLOWS, BACK FILLERS, AND THE LIKE TO THE DRAW-BARS OF TRACTORS. CHESTER L. HUSSEY, Holyoke, Mass. Filed Dec. 1, 1926. Serial No. 151,854. 15 Claims. (Cl. 280-33.44.)



1. Means for connecting a cross beam to the draw-bar of a tractor which is longitudinally movable against resilient means comprising a member extending longitudinally of the draw-bar and connected to the cross beam such member being adapted to be connected to the draw-bar at its forward and rear ends and adapted to engage the draw-bar support in such manner that tilting of the cross beam in a vertical or a horizontal plane, and side movement thereof is substantially prevented while the longitudinal movement of the draw-bar is unrestricted.

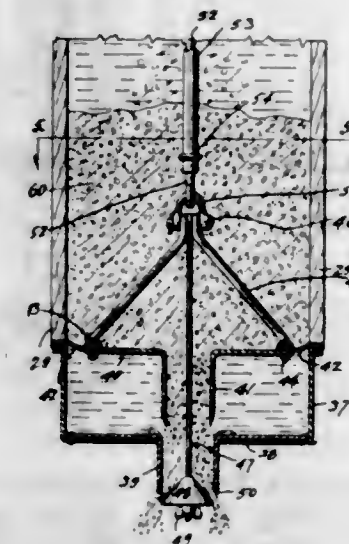
1,646,752. PULVERIZER. HARRY ARTHUR KIMBER, New Rochelle, N. Y. Filed Aug. 20, 1926. Serial No. 130,371. 6 Claims. (Cl. 83-11.)



1. In a rotary pulverizing apparatus the combination, with a casing containing a generally circular chamber, of a series of sets of rotary beaters revolving in said cham-

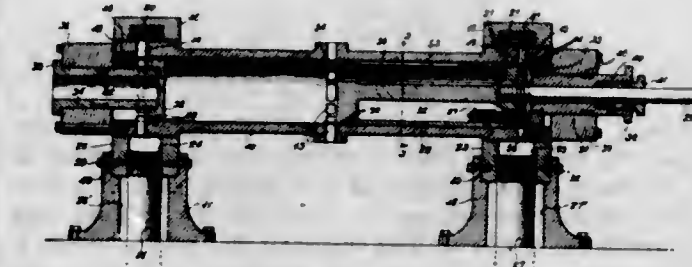
ber, and a set of stationary baffles located in said chamber between said sets of beaters and having their faces against which the material is thrown sloped to facilitate the rebounding toward one set of beaters of the material thrown against them by another set.

1,646,753. AUTOMATIC SAND VALVE. ENDRE A. LANSZUD, Des Moines, Iowa. Filed Apr. 11, 1925. Serial No. 22,277. 8 Claims. (Cl. 209-208.)



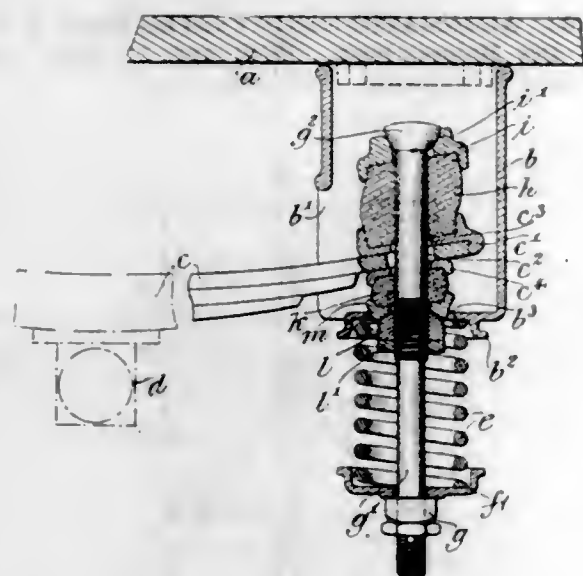
1. In a device of the class described, the combination of an inclined chute, a tapered hopper therebelow, opening into the chute, means for adjusting the size of the opening between the chute and the hopper, an extension on said hopper, a platform in said hopper having a flexible adjustable connection with the hopper wall and having a central tubular downward extension terminating near the bottom of the hopper extension, a tubular downward extension on said hopper extension forming at its lower end a valve seat, a valve for coacting with said seat, means for supporting said valve to move with said platform, and a counter-balanced arm for supporting the platform.

1,646,754. PUMP, COMPRESSOR, OR THE LIKE. MICHAEL J. LEAHY, Tucson, Ariz. Filed Feb. 14, 1927. Serial No. 168,220. 7 Claims. (Cl. 230-237.)



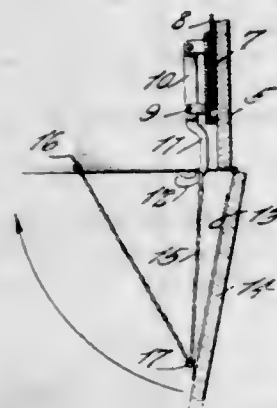
1. A pump, compressor, or the like, comprising, in combination, a cylinder having inlet ports adjacent the central portion and outlet ports in its periphery adjacent the ends thereof, a piston reciprocating in said cylinder adapted to open and close said inlet ports during its reciprocation, valves sliding in said cylinder adapted during their reciprocation to open and close said outlet ports heads for said cylinder, means connected to said valves sliding in said heads and carrying stop means co-acting with stop means carried by said heads to limit the inward motion of said valves and means in communication with said ports to give access of material under pressure to the rear of said valves to urge the same to position to close said ports.

1,646,755. SPRING SUSPENSION FOR VEHICLES. AUGUST H. LEIPERT, New York, N. Y., assignor to International Motor Company, New York, N. Y., a Corporation of Delaware. Filed Sept. 8, 1923. Serial No. 661,156. 9 Claims. (Cl. 267-29.)



1. Spring suspension for vehicles comprising in combination a coiled spring to which the load is directly applied under all conditions, a leaf spring on the axle, and non-metallic resilient material interposed operatively between said springs to transmit the load from one to another.

1,646,756. ELECTRIC SWITCH. JOHN GEORGE LUSBY, Harrisburg, Pa. Filed Mar. 16, 1927. Serial No. 175,810. 3 Claims. (Cl. 200-54.)

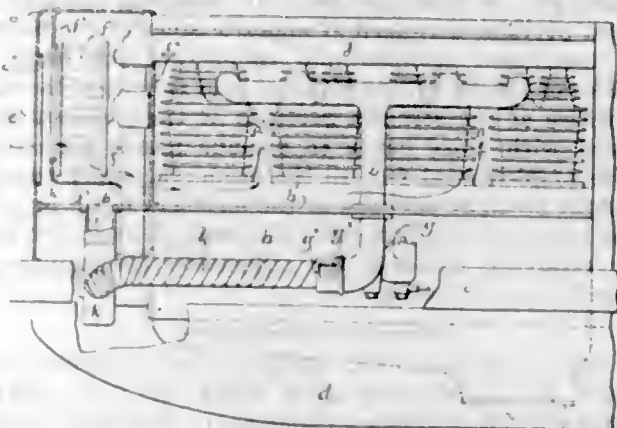


3. In a cabinet, a switch therein comprising elements adapted to close and open a circuit, an arm forming a part of the movable portion of the switch, said arm projecting beyond the cabinet, a door for the cabinet, the said arm being in the path of travel of the door whereby a switch element is moved in one direction, a flexible element connecting the door to the arm, and a flexible element connected to the door and to an anchor of the cabinet.

1,646,757. SUPERCHARGING DEVICE. ALFRED F. MASURY and CHARLES FROESCH, New York, N. Y., assignors to International Motor Company, New York, N. Y., a Corporation of Delaware. Filed Dec. 21, 1925. Serial No. 76,680. 2 Claims. (Cl. 123-119.)

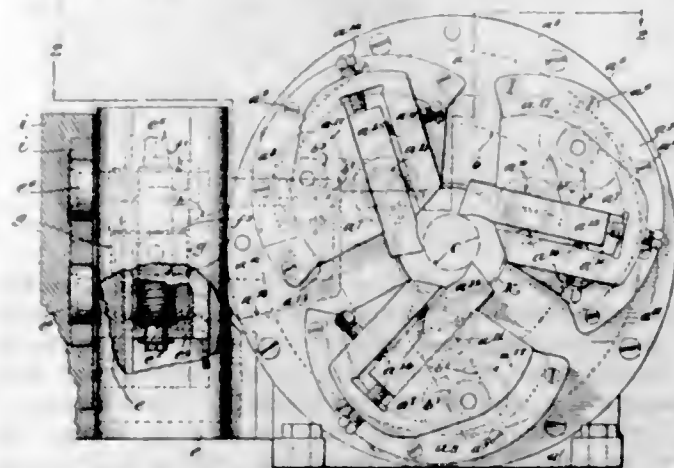
2. In a conveyance, an engine compartment including a floor, an internal combustion engine disposed partly within the compartment, a carburetor disposed below the floor, means to conduct the mixture from the carburetor to the engine, an opening in the compartment, a fan to draw air through the opening, a fan housing to

direct part of the air over the engine, a deflector to divert some of the air entering the opening, said floor being formed with an opening adjacent the deflector, an



air pump disposed below the floor and communicating with the opening therein, and a conduit from the pump to the carburetor.

1,646,758. LATHE ATTACHMENT FOR TURNING IRREGULAR PROFILES. JOSEPH L. MATTHEWS, Highland Park, N. J., assignor to International Motor Company, New York, N. Y., a Corporation of Delaware. Filed Dec. 7, 1926. Serial No. 153,065. 12 Claims. (Cl. 82-14.)



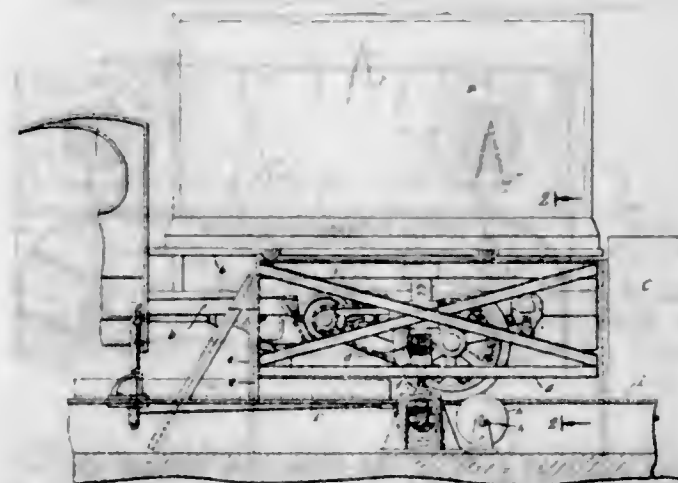
1. In an attachment for lathes, a body mounted to move upon the lathe, means to move the body, an end plate carried by the body, tool housings mounted pivotally upon the plate, an annular disc carried by the attachment upon the side of the end plate opposite to the housings, slots in the disc, means carried by the housings to engage the slots, openings in the end plate to receive the engaging means, pattern means, and means to move the disc by the pattern in the movement of the attachment over the lathe.

10. In an attachment for lathes, a body portion mounted to move upon the lathe, means to move the body portion, a plurality of tool housings, means to mount the housings pivotally upon the attachment, cutting tools carried by the housings, a bracket carried by the body portion, a groove formed in the bracket, a head movable in the groove, a second groove formed in the head, a secondary head movable in the second groove, a block slidable longitudinally in the secondary head, an arm pivotally secured to the block, means secured to the block and housings for moving the latter simultaneously, a pattern track, and means mounted upon the head for engaging the pattern track.

1,646,759. ELEVATING DEVICE. GEORGE MCCALL, Woodside, N. Y., assignor to International Motor Company, New York, N. Y., a Corporation of Delaware. Filed May 22, 1926. Serial No. 110,909. 2 Claims. (Cl. 214-38.)

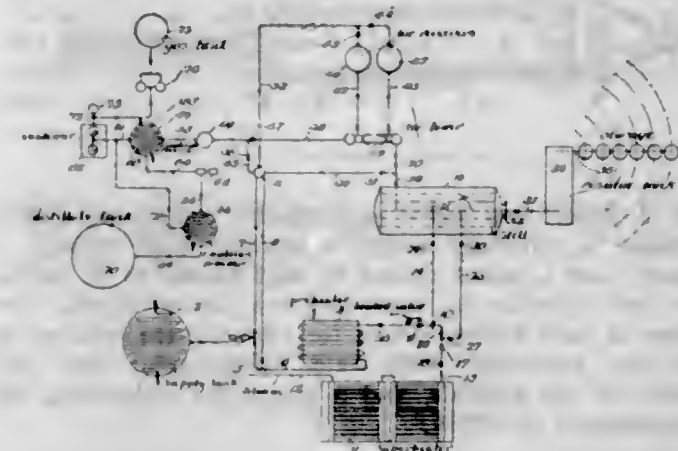
1. The combination with a vehicle, and a wheeled container to be carried by the vehicle, of elevating devices between which the vehicle is disposed comprising frames

carrying runways and formed with inwardly threaded female members, vertical threaded shafts meshing with the female members, a transverse shaft, operative con-



nections between the transverse shaft and the vertical shafts, a roll carried with the transverse shaft, and an idler roll adjacent thereto.

1,646,760. PROCESS FOR HANDLING CRUDE OIL AND RESIDUALS. ALBERT E. MILLER, Chicago, Ill., assignor to Sinclair Refining Company, Chicago, Ill., a Corporation of Maine. Filed May 9, 1921. Serial No. 467,891. 3 Claims. (Cl. 196-84.)

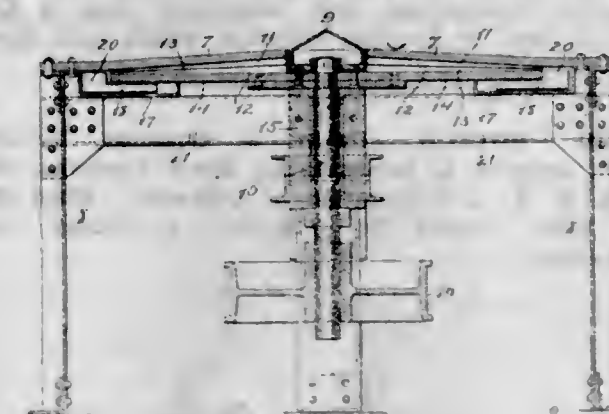


1. A process of treating asphaltic petroleum oils and residues for separating constituents volatile below their cracking temperature from asphaltic residues non-volatile without substantial cracking of the separated volatile constituents which comprises, maintaining within a still a liquid body of asphaltic residues, preheating the oil to be treated under pressure, and preheating a neutral gas to a temperature in excess of 650 degrees F., reducing the pressure on the oil and then mixing it with the preheated neutral gas, spraying the mixture into the vapor space of the still and introducing a heated neutral gas into the still through the body of asphaltic residues, maintaining the temperature in the still at about 650 degrees F., withdrawing the constituents volatilized under the conditions prevailing in the still as a vapor and withdrawing the asphaltic residues as a liquid substantially free from said volatile constituents from the body thereof in the still.

1,646,761. APPARATUS FOR DISINTEGRATING SUGAR CANE. WILLIAM HENRY MORGAN, Sr., Alliance, Ohio, assignor to William H. Morgan, Jr., Alliance, Ohio. Filed June 4, 1925. Serial No. 34,878. 19 Claims. (Cl. 146-124.)

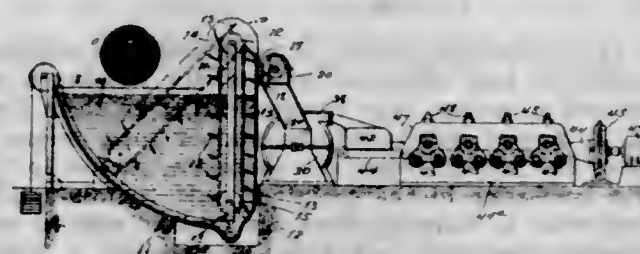
14. In an apparatus for converting sugar producing material into a fibrous mass from which the juice may be

readily extracted, consisting of an upper member, a lower member, one of said members being conical and



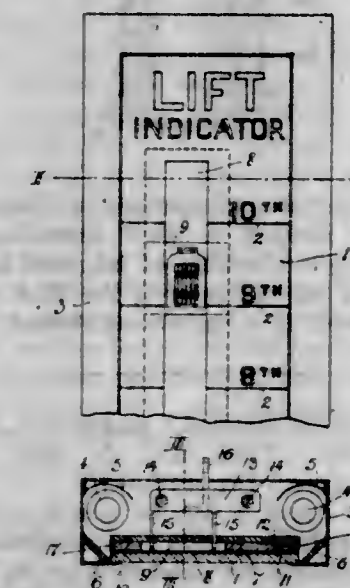
the upper one provided with a feeding opening and both provided with recesses for shear teeth, and means for rotating one of said members.

1,646,762. APPARATUS FOR AND METHOD OF EXTRACTING JUICE FROM CANE STALKS. WILLIAM H. MORGAN, Sr., Alliance, Ohio, assignor to William H. Morgan, Jr., Alliance, Ohio. Filed Dec. 7, 1925. Serial No. 73,842. 16 Claims. (Cl. 127-42.)



1. The method of preparing sugar cane preparatory to extracting the juice therefrom, consisting in immersing the cane in a vat of cleansing fluid and moving the cane to remove the dirt and other matter adhering thereto, cutting the cane thus cleansed into short lengths and extracting the juice from the cut cane.

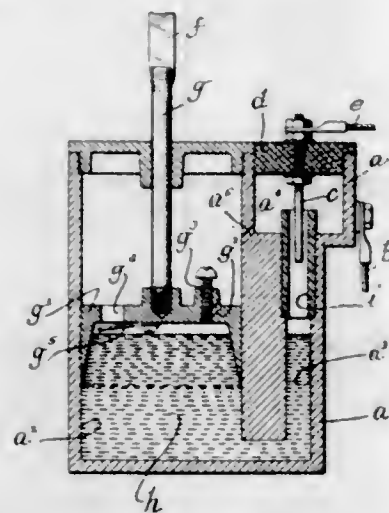
1,646,763. ILLUMINATED INDICATING DEVICE. ETHELBERG THOMAS RUTHVEN MURRAY and LESLIE ETHELBERG RUTHVEN MURRAY, Hertfordshire, England. Filed May 5, 1923. Serial No. 636,801, and in Great Britain May 19, 1922. 5 Claims. (Cl. 116-122.)



1. In an illuminated indicating device, the combination of a sheet of transparent material bearing indications thereon, a second sheet of transparent material movable

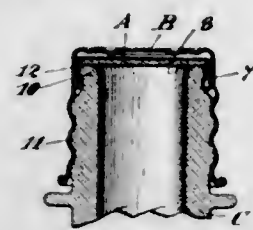
relatively to said first sheet and bearing indications co-operating with the indications on said first sheet, and means for illuminating said indications from a fixed source of light by internal reflection within said sheets.

1,646,764. SWITCH. FRANK E. QUEENEY, Teaneck, N. J., assignor to International Motor Company, New York, N. Y., a Corporation of Delaware. Filed May 29, 1926. Serial No. 112,515. 4 Claims. (Cl. 200—152.)



4. In an electrical switch, in combination, a container of relatively high electrical conductivity forming a cylinder and a contact tube communicating at their lower ends, a contact axially of the contact tube, means to insulate the contact from the container, means to connect a conductor to the container, said container being formed with a chamber above the contact tube in communication therewith and with the cylinder, a tubular insulator surrounding the first named contact in spaced relation therewith and extending above the floor of the chamber, a piston in the cylinder formed with two orifices, a valve to control the passage through one orifice in one direction, and means to constrict the other orifice.

1,646,765. SPRING-LOCK CAP. GEORGE RAMSEY, Brooklyn, N. Y., assignor to Anchor Cap and Closure Corporation, Long Island City, N. Y., a Corporation of New York. Filed Sept. 18, 1924. Serial No. 738,360. 12 Claims. (Cl. 215—38.)

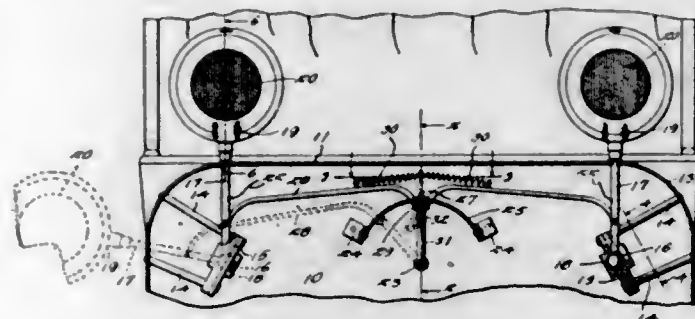


1. As an article of manufacture, a closure cap comprising a cover portion, a skirt depending from said cover portion, and a plurality of intumed spring fingers, said fingers being flat chordally of the skirt to tangentially engage the finish of a suitable container.

1,646,766. VEHICLE SIGNAL. HERMAN H. RUEDEBUSCH, Elkton, S. Dak. Filed Mar. 5, 1927. Serial No. 173,134. 2 Claims. (Cl. 116—47.)

1. In a vehicle signal, a pair of spaced semaphore arms pivoted to swing from parallel non-signalling positions to signalling positions at substantially right angles to the non-signalling positions, means limiting movement of the semaphore arms when they arrive at non-signalling position, a link connected at each arm and extending toward the other arm, an arcuate plate having a slot

through which the adjacent ends of the links are directed, a rotatable shaft concentric with the plate, an arm carried by the shaft and having its free end extended be-



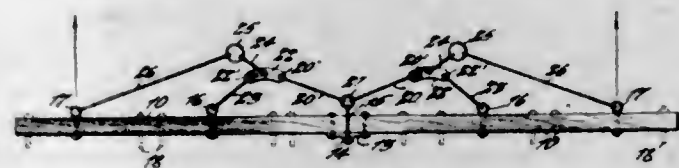
tween adjacent ends of the links and springs yieldably maintaining the links in positions where the arms thereof are in non-signalling position.

1,646,767. RODENT AND INSECT EXTERMINATOR. ANDREAS SCHILLE, Mannheim, Germany, assignor of forty per cent to Jakob Wissling, New York, N. Y. Filed May 17, 1927. Serial No. 191,992. 3 Claims. (Cl. 43—124.)



1. A rodent and insect exterminator comprising a steel cylinder, a cartridge holder removably held therein, a handle, and a means guided by said handle to be driven into said cylinder for exploding the gas developing cartridge in said holder, means for allowing the exhaust of the gas developed from said exterminator into the abodes of the animals, and a means for supporting the exterminator in action.

1,646,768. DRAFT EQUALIZER. ALBERT E. SCHRUTH, EDWARD SCHRUTH, and JOHN SCHRUTH, Pepin, Wis. Filed Feb. 19, 1927. Serial No. 169,646. 7 Claims. (Cl. 55—84.)

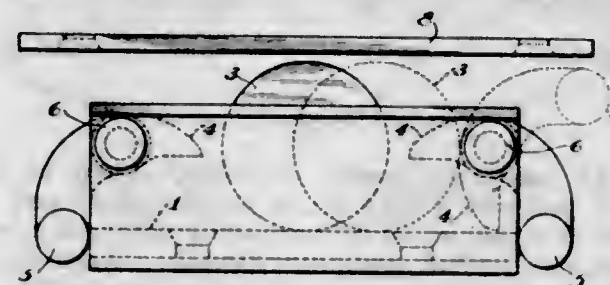


1. In a four horse draft equalizer, the combination with a drag beam, of a clevis mounted for oscillation at the center of the beam and beyond the rear edge thereof, and like draft connections on opposite sides from the center of the beam which engages with said clevis.

1,646,769. SIDE BEARING. ARTHUR B. SEVERN, Pittsburgh, Pa., assignor to A. Stucki, Pittsburgh, Pa. Filed Apr. 30, 1927. Serial No. 187,773. 4 Claims. (Cl. 308—226.)

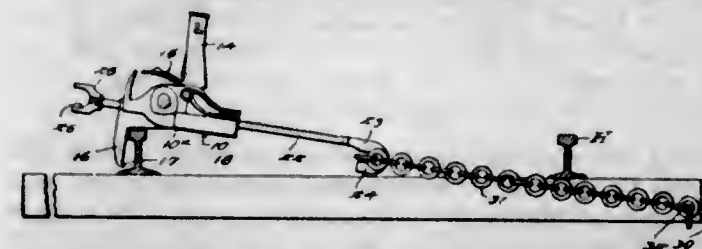
1. A roller side bearing for railway cars, comprising a roller cage provided with a plane-faced bearing plate, a

roller resting upon said plate, and a pair of pivotally mounted fingers arranged on opposite sides of said roller



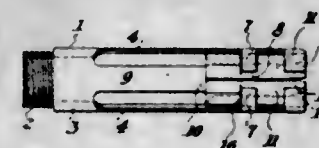
and normally projecting into its active path of movements, said fingers being counterweighted to move said roller towards its normal central position when inactive.

1,646,770. TRACK JACK. CHARLES H. SHASTEN, La Junta, Colo. Filed Dec. 18, 1926. Serial No. 155,686. 6 Claims. (Cl. 254—43.)



1. In a track jack, a housing formed in base and upper sections which are separable, a rack bar reciprocable through the housing and having a chain hook at its lower end and means upon the upper section of the housing for engaging a tie or rail to hold the jack against displacement with relation thereto.

1,646,771. FEED COLLET. IRVING H. SHEPHER, Ecorse, Mich. Filed Dec. 29, 1926. Serial No. 157,681. 4 Claims. (Cl. 29—62.)

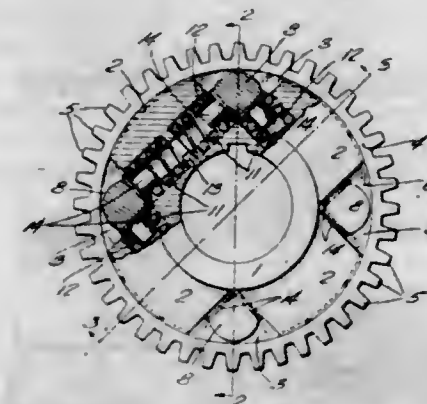


1. In a feed collet, a body circumferentially closed at one end, forwardly extending arms integral with said closed end, a split collar in which said arms terminate at the opposite end of said body, and circumferential supporting members extending from each of said arms on each side of the latter, said members being of such length that gaps are formed between their outer ends, and a resilient finger extending from said closed end between said arms in combination with a longitudinally split pad held by said supporting members, said split collar, and said resilient finger.

1,646,772. RESILIENT DRIVING OR POWER-TRANSMITTING DEVICE. CHARLES L. SHEPPY, Buffalo, N. Y.; Annabel F. Sheppy and Charles Gordon Sheppy, executors of said Charles L. Sheppy, deceased. Filed Jan. 26, 1922. Serial No. 531,890. 6 Claims. (Cl. 74—29.)

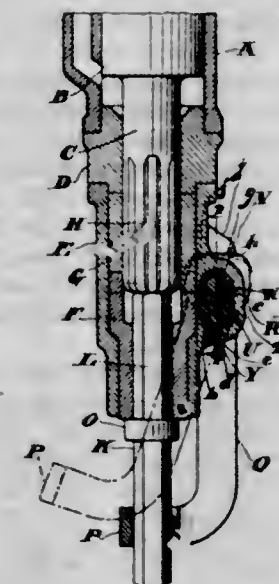
1. A power transmitting wheel comprising a hub member having outwardly projecting spaced abutments, a rim member which surrounds said abutments and is mounted on said hub member to rotate therewith and also to have a limited rotary movement relative to the hub member, an abutment projecting from said rim member between adjacent sides of said hub abutments, said hub abutments having spring pockets in their adjacent sides and disposed

inwardly from the outer ends of said abutments, and coil springs confined and bearing in said spring pockets and exerting opposing pressures on said rim abutment, said springs being of an external diameter, substantially equal to the diameter of the spring pockets and of a length



not to project substantially out of the spring pockets the faces of said rim abutment against which said springs act occupying planes disposed at substantial angles to planes radial to the wheel and intersecting said abutment faces.

1,646,773. STEEL RETAINER. FRED M. SLATER, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J., a Corporation of New Jersey. Filed Oct. 9, 1926. Serial No. 140,589. 1 Claim. (Cl. 121—32.)

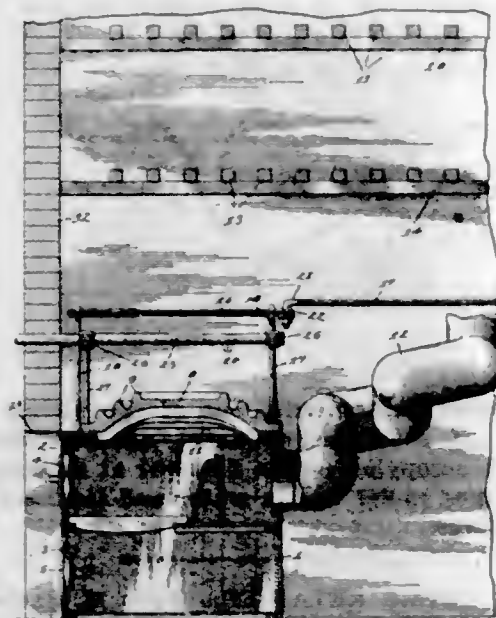


A steel retainer for a rock drill, comprising in combination with a front head and a collared drill steel, an enlargement on one side of the front head having an aperture of oblong cross sectional form, said aperture extending transversely to the axis of the front head, a yoke partly encircling the drill steel, side arms on the yoke having holes near their free ends, diverging inclined surfaces on the ends of the side arms, lugs on the front head forming seats for the inclined surfaces, a sleeve in the aperture, a bolt extending through the side arms and the sleeve for securing the yoke pivotally to the front head, and a rubber buffer in the aperture beneath the sleeve for absorbing the blow of the drill steel against the yoke and for pressing the inclined surfaces against the lugs, thereby holding the yoke in retaining and releasing positions.

1,646,774. DISINFECTING APPARATUS. MICHAEL TROOTNEFF and JOHN GROMBEKO, San Francisco, Calif. Filed June 22, 1925. Serial No. 38,800. 14 Claims. (Cl. 167—3.)

1. A disinfecting apparatus comprising the combination with a closed compartment of a furnace mounted within the compartment; a crown plate mounted above the fur-

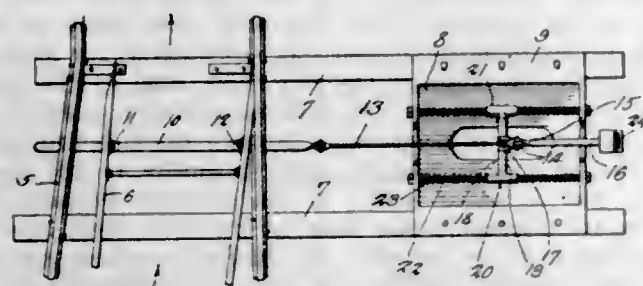
nace and arranged to be heated thereby; means for supporting articles to be disinfected above the furnace; and means for dispensing a disinfecting agent onto the crown plate to be vaporized whereby the vapor may permeate and disinfect the articles.



12. A disinfecting apparatus comprising the combination with a closed compartment of a furnace mounted within the compartment; a crown plate mounted upon the top of the furnace, said plate being provided with corrugations formed upon its upper surface and ribs formed upon its lower surface; a perforated pipe mounted above the crown plate; means for delivering a disinfecting agent to said pipe whereby said agent may be sprayed upon the corrugated surface of the crown plate and thereby vaporized; a zigzag chimney connected to the furnace; and racks mounted above the furnace and the chimney for supporting articles to be disinfected; and shields mounted between the furnace and chimney and the racks to protect the articles from burning.

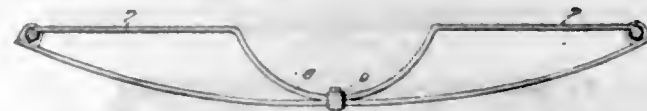
14. In a disinfecting apparatus, the combination with a furnace adapted to be installed within a closed compartment, of a crown plate mounted upon the top of the furnace and provided with corrugations formed upon its upper surface and ribs formed upon its lower surface; and spraying means mounted directly above the plate and arranged to dispense a disinfecting agent upon the plate to vaporize said agent.

1,646,775. SWITCH STAND. JOSEPH TRUSCH, Portage, Pa. Filed Mar. 19, 1927. Serial No. 176,703. 2 Claims. (Cl. 246-411.)



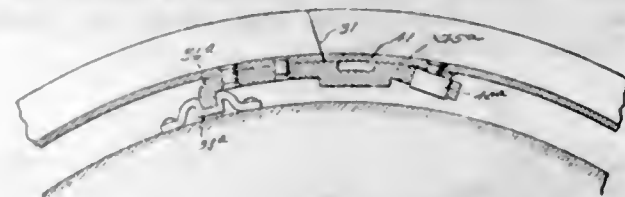
1. In combination with the movable switch rails of a railway switch, a bar connected with the switch rails for moving the switch rails, a link connected with the bar, a switch box, rods supported within the switch box, tubular members mounted on the rods, coiled springs on the rods and engaging the ends of the tubular members for normally urging the tubular members to their initial positions and means for operating the tubular members and bar and link for setting the switch.

1,646,776. AUTOMOBILE BUMPER. GUSTAVE A. VLA-SAK, New York, N. Y. Filed Nov. 17, 1926. Serial No. 148,868. 6 Claims. (Cl. 293-55.)



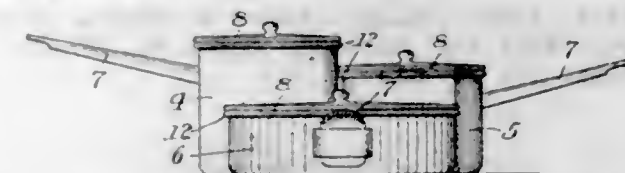
1. An automobile bumper comprising a pair of front impact bars and a back bar, a slotted eye at each end of the back bar, means for connecting said bars together at the ends thereof, comprising laterally turned ears on the impact bars fitting into said slotted eyes in the back bar and a tie bolt extending through said eye and ears.

1,646,777. AUTOMOBILE RIM AND FASTENING MEANS. JAMES H. WAGENHORST, Jackson, Mich. Filed Aug. 9, 1920. Serial No. 402,105. 4 Claims. (Cl. 301-30.)



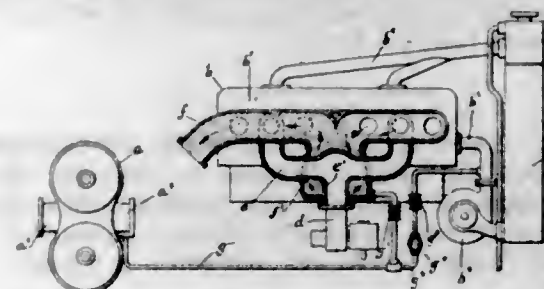
2. A tire carrying rim divided at one point, a plate connected to one end of the rim and projecting beyond said end, said projecting end being inclined to provide a space between said end and the rim, said end also being apertured, and an inclined stud carried by the opposite end of the rim.

1,646,778. APPARATUS FOR COOKING. JOHN H. WILSON, New Kensington, Pa., assignor to The Aluminum Cooking Utensil Co., New Kensington, Pa., a Corporation of Pennsylvania. Filed Sept. 22, 1926. Serial No. 136,922. 2 Claims. (Cl. 53-1.)



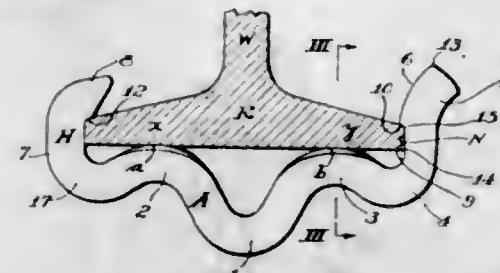
2. Cooking utensils comprising in combination a plurality of vessels of different heights and of substantially triangular form and having flanged upper edges which, due to the different heights of the vessels, engage the side walls of adjacent vessels when said vessels are grouped to provide heat retaining chambers.

1,646,779. VAPORIZER-TEMPERATURE CONTROL. GOTTFRIED WIEHRER, Plainfield, N. J., assignor to International Motor Company, New York, N. Y., a Corporation of Delaware. Filed Aug. 15, 1925. Serial No. 50,845. 1 Claim. (Cl. 123-122.)



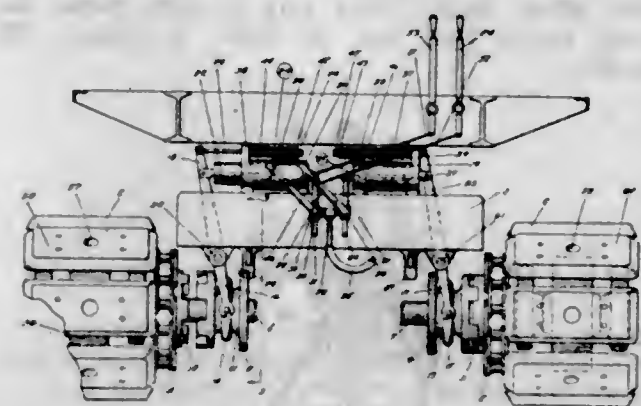
The combination with an internal combustion engine having a vaporizer surrounding a portion of an intake manifold, said vaporizer communicating with the exhaust manifold of the engine, and a fluid pump independent of the circulatory system of the engine, of a conduit to conduct fluid from the pump outlet to the vaporizer, and manually operable means to control the flow of fluid through said conduit.

1,646,780. RAIL ANCHOR. EMANUEL WOODINGS, Oakmont, Pa., assignor to Woodings Forge & Tool Company, Verona, Pa., a Corporation of Pennsylvania. Filed May 19, 1926. Serial No. 110,154. 23 Claims. (Cl. 238-330.)



1. A one-piece resilient rail anchor adapted to extend under and to engage the base of the rail and to be retained thereon by resiliency of the anchor body, comprising terminal abutments adapted to engage the upper sides of the rail base on each side of the web, one end of the anchor being formed into an inclined cam face above one of said abutments, and cooperative intermediate portions adapted to engage the under side of the rail base near each side thereof, whereby each side of the rail base may be engaged between an upper and a lower contacting portion of the anchor and the anchor may be positioned by a turning movement about the end first applied to the rail.

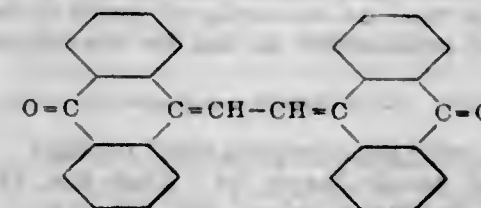
1,646,781. STEAM SHOVEL. HARRY J. BARNHART, Marion, Ohio, assignor to The Osgood Company, Marion, Ohio, a Corporation of Ohio. Filed Nov. 3, 1921. Serial No. 512,520. 5 Claims. (Cl. 180-9.2.)



1. Power excavating shovel structure comprising traction units, means for driving said traction units, fluid motors including means for disconnecting said traction units from said driving means, and springs for connecting said traction units to said driving means, said motors and said spring being balanced against each other when in action.

1,646,782. GLYOXAL-DIANTHRAQUINONE COMPOUND. ROBERT BERLINER, BERTHOLD STEIN, and WILLY TRAUTNER, Elberfeld, Germany, assignors to Grasselli Dyestuff Corporation, New York, N. Y., a Corporation of New York. Filed Sept. 18, 1926. Serial No. 135,985, and in Germany Oct. 30, 1925. 7 Claims. (Cl. 260-57.)

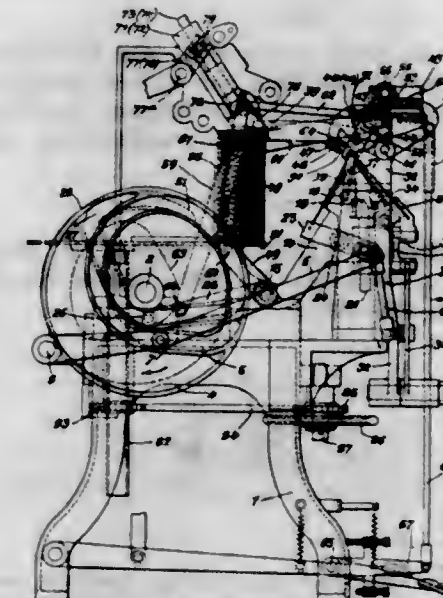
6. As new products glyoxal-dianthraquinones of the general formula:



in which the anthraquinone nuclei can be substituted by halogen, particularly chlorine atoms or alkyl groups, which are well crystallized yellowish to brown substances,

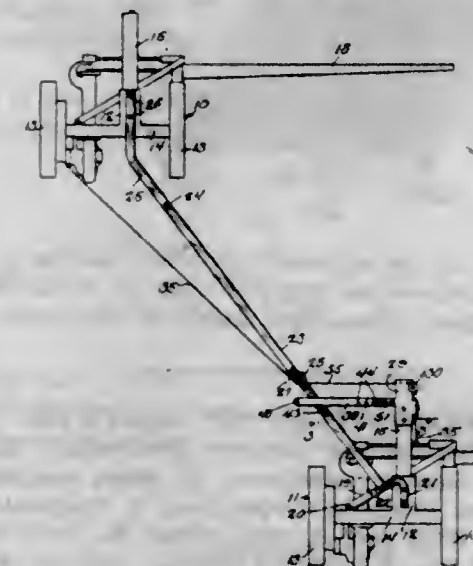
soluble in concentrated sulfuric acid with from blue to green colors, forming vats from which cotton is dyed yellow, fast shades.

1,646,783. APPARATUS FOR SHEET-FASTENING MACHINES FOR APPLYING ADHESIVE TO THE SHEETS. ULRICH BISCHOF, Horgen, Switzerland, assignor, by mesne assignments, to Smyth Manufacturing Company, Hartford, Conn., a Corporation of Connecticut. Filed June 11, 1924. Serial No. 719,445, and in Switzerland Apr. 4, 1924. 3 Claims. (Cl. 91-47.)



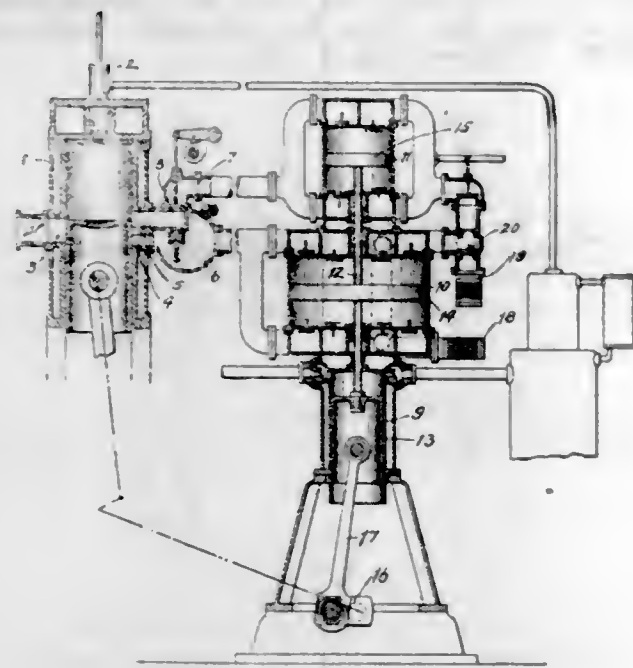
1. In an apparatus for sheet-fastening machines, the combination with a gum tank, of a roller rotatably located in the gum tank, a shaft located vertically under the said roller, swinging levers fixed to the said shaft, dabbers supported by the levers, cam operated means to impart a rocking motion to the said shaft and levers, a locking hook to lock the said swinging levers carrying the dabbers in inoperative position when gumming is not desired and a treadle adapted to operate the locking hook.

1,646,784. IMPLEMENT DRAFT DEVICE. GEORGE E. COLLINS, Atkinson, Nebr. Filed Oct. 29, 1926. Serial No. 145,053. 6 Claims. (Cl. 280-33.5.)



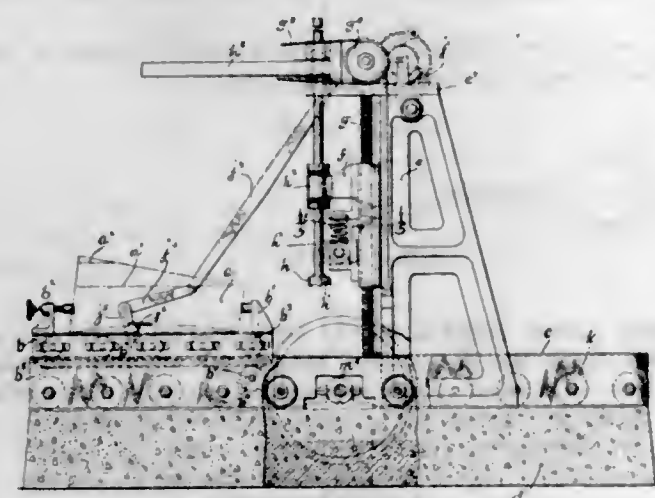
1. A draft device of the class described including a bracket, means for mounting the said bracket upon a machine to be drawn, a draw bar pivotally mounted upon the bracket and adapted for connection with a second machine, a plurality of pulleys mounted on the draw bar and machine, a guide rope secured to the machines and trained over the said pulleys, the said draw bar and rope being arranged for guiding the machines in parallel paths.

1,646,795. AIR COMPRESSOR. CHARLES SCHAEER, Langenthal, Switzerland, assignor to Busch-Sulzer Bros.-Diesel Engine Co., St. Louis, Mo., a Corporation of Missouri. Filed Feb. 26, 1926. Serial No. 90,768, and in Switzerland Mar. 5, 1925. 4 Claims. (Cl. 123-65.)



1. An air supply system for two-cycle internal combustion engines comprising two double acting pistons arranged in tandem and adapted to supply respectively supercharging and scavenging air and a cross-head for the piston of the scavenging air pump comprising the low pressure piston of a multiple-stage injection air compressor.

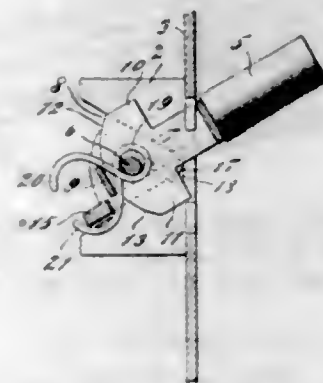
1,646,796. COMBINED MACHINE. CHRISTOPHER STRAUB, East Elmhurst, N. Y., assignor, by mesne assignments, to Astoria Importing and Manufacturing Co. Inc. Filed Aug. 4, 1925. Serial No. 48,032. 5 Claims. (Cl. 144-1.)



1. In combination, parallel rails, vertical ways, a carrier movable over the ways, vertical worm shafts by which the carrier is moved, bevel pinions carried on the ends of the worm shafts, respectively, means to selectively engage the pinions, a carriage movable over the rails, a transverse shaft, operative connections between the

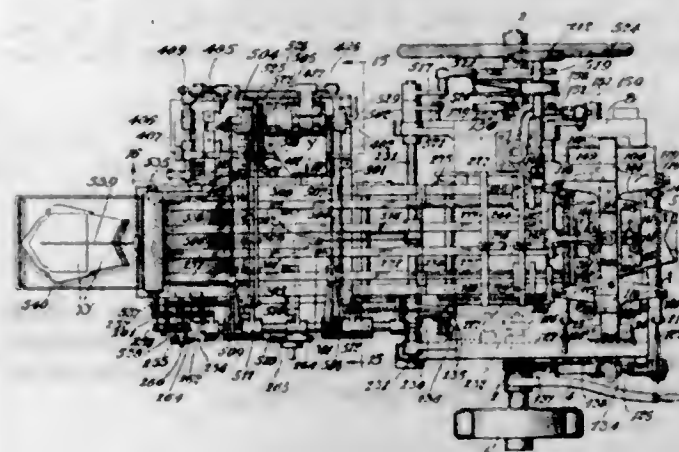
transverse shaft and the worm shafts, a ratchet carried with the end of the transverse shaft, and means to rotate the ratchet dependent upon the reciprocation of the carriage.

1,646,797. ELECTRICAL SWITCH. SWAN AUGUST SWANSON, New York, N. Y. Filed Aug. 18, 1925. Serial No. 50,906. 7 Claims. (Cl. 200-70.)



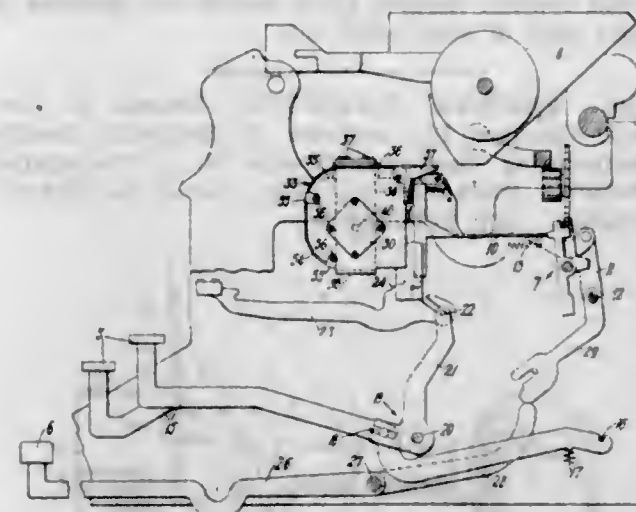
1. In an electrical switch, the combination of a frame, a circuit-closing member having pivotal engagement with said frame, an actuating member for said circuit-closing member also pivotally engaging said frame, a spring for snapping said circuit-closing member around its pivot and retaining said circuit-closing member in position, means for detaining said circuit-closing member in its extreme positions and means for releasing said circuit closing member from said detaining means to permit said circuit-closing member to snap from one position to another.

1,646,798. ENVELOPE-LINER MACHINE AND METHOD. HENRY JOSEPH TORFFERT, Holyoke, Mass., assignor to White and Wyckoff Manufacturing Company, Holyoke, Mass., a Corporation of Massachusetts. Filed Jan. 12, 1927. Serial No. 160,552. 37 Claims. (Cl. 93-61.)



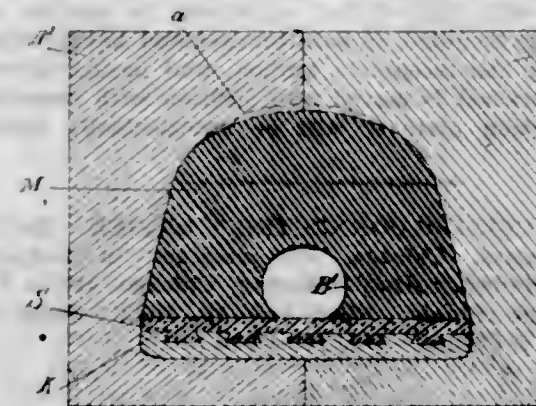
1. In a machine for assembling sheet blanks, the combination of cement applying devices, means to move a sheet blank to an assembly station, devices comprising a suction roller to position a second sheet blank upon the first mentioned blank, and pressure rolls to apply pressure to said blanks.

1,646,799. TYPEWRITER WORD REGISTER. FRANK C. URSARUCK, New York, N. Y., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed Feb. 7, 1924. Serial No. 691,129. 2 Claims. (Cl. 235-102.)



1. In a typewriting machine including type-bars and a universal bar operatively mounted upon a type-bar-segment-frame, the combination of a counting register, including register-wheels and driving mechanism to rotate said wheels, and a lever mounted upon the segment-frame to engage with the universal bar and connectable to operate the register-driving mechanism.

1,646,800. AIR-CORE TIRE. ALDO VALENTINI, Milan, Italy. Filed Apr. 27, 1926. Serial No. 104,959, and in Italy May 9, 1925. 1 Claim. (Cl. 18-55.)

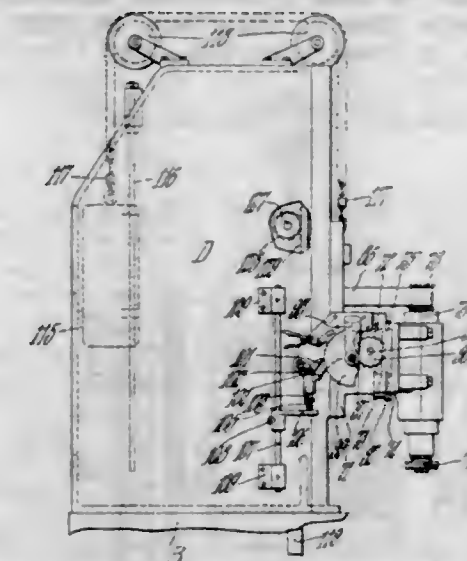


A process of manufacturing air core tires, comprising the steps of subjecting a preformed tubular rubber element to partial vulcanization around a rigid core to shape its central cavity; separating the partially-vulcanized element from the core; applying a hard rubber sheet against the inner face of said element, and a steel band against the inner face of said sheet; and subjecting the unit formed by the rubber element, rubber sheet and steel band to final vulcanization and pressure to permanently unite the several parts.

1,646,801. GRINDING MACHINE. FREDERICK D. VAN NORMAN and GEORGE W. FLEMING, Springfield, Mass., assignors to Van Norman Machine Tool Company, Springfield, Mass., a Corporation of Massachusetts. Filed May 19, 1922. Serial No. 562,104. 7 Claims. (Cl. 51-50.)

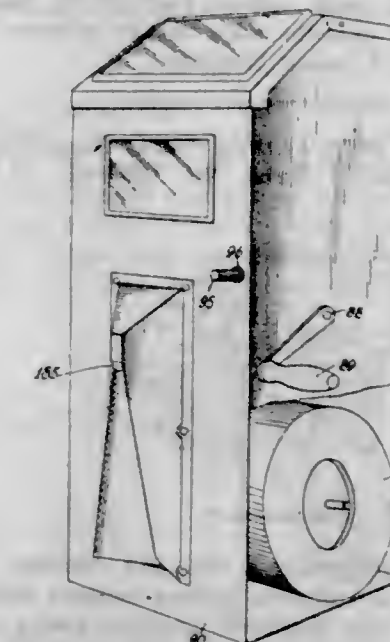
1. In a grinding machine, a frame, a work-head and a wheel-head mounted thereon one vertically above the other, one of said heads being vertically movable to and

from the other, a rotary spindle in each head, means for moving one of said heads transversely relatively to its



spindle's axis for cross-feeding purposes, and quick acting means for moving the last named head transversely to offset its spindle from the spindle in the other head.

1,646,802. MANUFACTURE OF PAPER CUPS. JOSEPH V. WICKBAUGH, New York, N. Y., assignor to American Cuptor Corporation, New York, N. Y., a Corporation of Delaware. Filed Sept. 10, 1925. Serial No. 55,596. 23 Claims. (Cl. 93-36.)

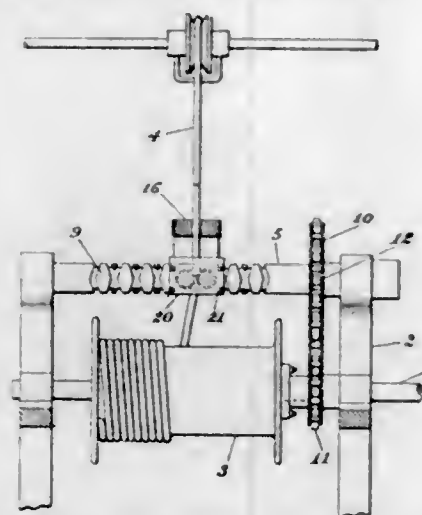


1. In a cup making machine of the character set forth: operating mechanism for effecting the manufacture of a cup; a reciprocable plunger for setting the operating mechanism; and means controlled by said operating mechanism to block subsequent setting of the plunger until said mechanism has been restored substantially to its initial condition.

1,646,803. PARAFFIN-RESISTING SURFACE FOR PARAFFIN-ABSORBENT BOXES AND METHOD OF MAKING SAME. HOWARD F. WEISS, Madison, Wis., assignor, by mesne assignments, to C. F. Burgess Laboratories, Inc., Dover, Del., a Corporation of Delaware. Filed May 15, 1925. Serial No. 30,623. 9 Claims. (Cl. 216-62.)

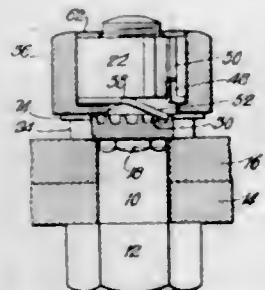
1. The method which consists in coating at least one side of a sheet of paper with a paraffin-resisting colloid, pasting said sheet to a paraffin absorbent surface by means of a continuous film of paraffin-resistant adhesive, and then impregnating said absorbent surface with paraffin.

1,646,804. CABLE-WINDING MECHANISM FOR HOISTS. LOUIS J. WESTWOOD, Toronto, Ontario, Canada, assignor to Levy & Westwood Machinery Company, Toronto, Canada. Filed Nov. 28, 1925. Serial No. 72,000. 1 Claim. (Cl. 242-158.)



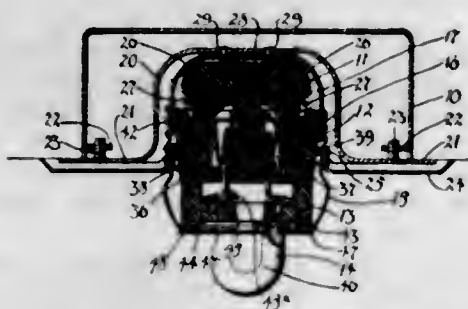
In cable winding mechanism for hoists, the combination with a drum and a threaded shaft operatively connected therewith and extending parallel therewith, of a guide block movable longitudinally on said shaft and having parallel extensions therefrom extending at right angles to the axis of said drum, an end piece connecting the outer ends of said extensions, shafts mounted within said extensions at right angles to the axis of said drum, and circumferentially grooved spools slidable on said shafts respectively, said spools respectively being cut away interiorly at opposite sides of the grooves therein for the reception of roller bearings.

1,646,805. LOCK NUT. ALVAH BELL, Brooklyn, N. Y. Filed Feb. 5, 1927. Serial No. 166,044. 2 Claims. (Cl. 151-39.)



1. A lock nut comprising a threaded member, an actuating member and a spring locking member both journaled loosely on said threaded member, and a toothed holding member for coaction with said locking member.

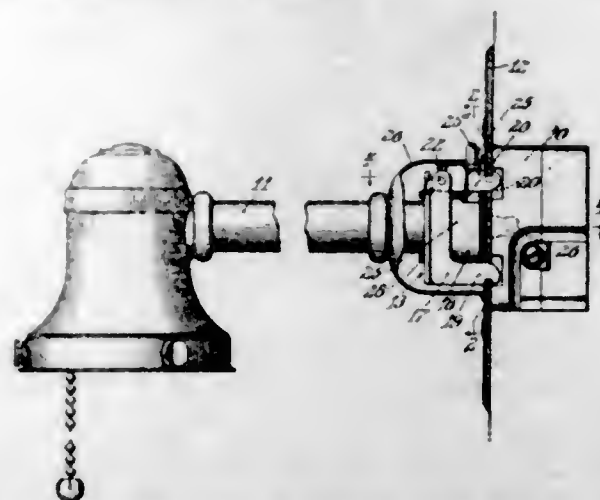
1,646,806. ELECTRICAL CONNECTER DEVICE. REUBEN B. BENJAMIN, Chicago, Ill., assignor to Benjamin Electric Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed Feb. 17, 1921. Serial No. 445,587. 2 Claims. (Cl. 173-330.)



1. A ceiling unit comprising an inverted sheet metal cup, a metal strap having means whereby it may be secured to extend across an outlet box, said strap hav-

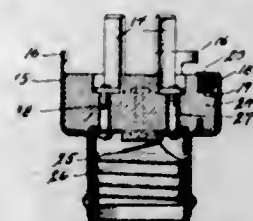
ing its central portion extending across and secured to the bottom of said sheet metal cup, a combination wiring base and contact member seated in the inner end of said cup, and a contact member having contacts for engaging the contacts of said combination member and affording circuit connections to a translating device, said contact member being detachably mounted in the outer part of said metal cup.

1,646,807. FIXTURE CONNECTER. REUBEN B. BENJAMIN, Chicago, Ill., assignor to Benjamin Electric Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed Aug. 22, 1921. Serial No. 494,092. 10 Claims. (Cl. 173-330.)



1. A receptacle, a flat supporting plate in front of said receptacle, having an opening affording access to said receptacle, said receptacle being substantially flush with said flat plate, means for mechanically connecting the lamp fixture with respect to said receptacle comprising a bracket on which said fixture is mounted, said bracket having a plurality of hooks for insertion through said supporting plate and for hooking in behind said supporting plate, said plate being apertured to receive said hooks, a plug mounted on said bracket and having blades for engaging the receptacle contact, and means whereby when said bracket is moved into position with respect to said supporting plate it will be automatically latched in position.

1,646,808. CEILING-CONNECTER DEVICE. REUBEN B. BENJAMIN, Chicago, Ill., assignor to Benjamin Electric Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed Jan. 19, 1922. Serial No. 530,257. 6 Claims. (Cl. 173-330.)

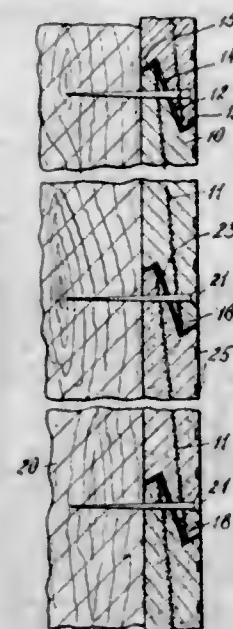


1. A connector comprising contact blades for entering blade-receiving openings and a hook member having hooks for entering hook-receiving openings, said hook member being mounted to swivel about said blades, whereby said hooks may be turned into holding engagement after the blades and hooks have entered their respective openings, and spring means acting between said blades and swiveled member tending to effect relative swiveling motion between said blades and hook member for holding said hooks in connected position.

1,646,809. COMPOSITION WALL COVERING. FREDERICK BRANDT, Mount Vernon, N. Y. Filed May 11, 1927. Serial No. 190,515. 5 Claims. (Cl. 72-19.)

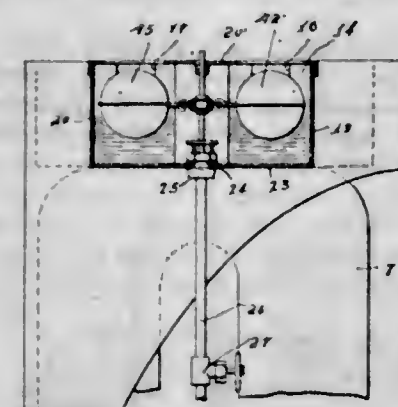
1. The combination with a wall supporting structure of a covering therefor, consisting of a plurality of slabs, each slab having its edge portions overlapping the

edge portions of adjacent slabs and having a metallic reinforcing member therein extending to the edge of the overlapping portions, and securing means extending



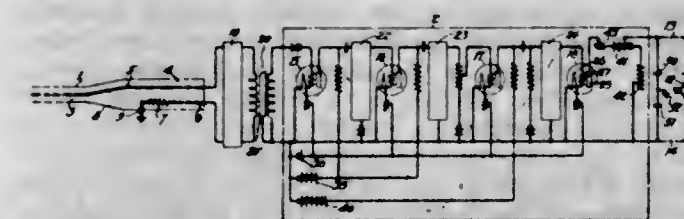
through the overlapping edges and through the reinforcing members in the overlapping edge portions and into said supporting structure.

1,646,810. AUTOMATIC AIR-VAPORIZING DEVICE FOR RADIATORS. GEORGE E. COOK, Detroit, Mich. Filed May 17, 1926. Serial No. 109,531. 2 Claims. (Cl. 137-104.)



1. A device of the class described comprising: a liquid container; float chambers mounted on and communicating with said liquid container; means for conducting liquid to said chambers; a needle valve for controlling the flow of liquid to said chambers; floats in said chambers a collar mounted on said needle valve; flanges on said collar; engaging fingers rockable by said floats for engaging said flanges and moving said needle valve from its seat and toward its seat depending upon the direction of rocking of said fingers.

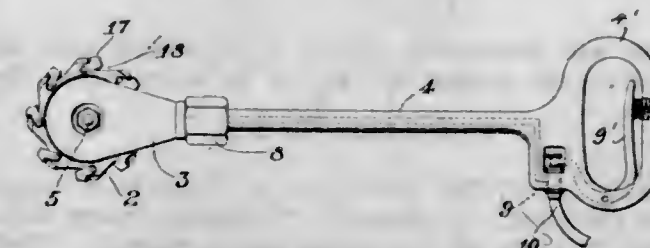
1,646,811. ELECTRIC-CURRENT TRANSMISSION. AUSTIN M. CURTIS, East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Continuation of application Serial No. 58,741, filed Sept. 26, 1925. This application filed Dec. 7, 1925. Serial No. 73,574. 18 Claims. (Cl. 178-63.)



1. An electric space discharge device having an anode element, a cathode element and an impedance control

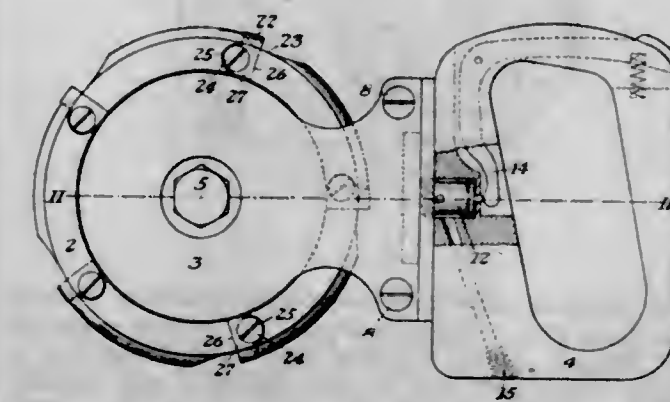
element, a circuit having its two sides connected respectively to the cathode element and to one of the others of said elements, and similar impedances connected in series relation across said circuit, said cathode element being connected to earth through at least one of said similar impedances and only in such manner that the sides of the circuit are balanced with respect to said earth.

1,646,812. APPARATUS FOR EXCAVATING TREE CAVITIES. JAMES A. DAVEY, Sound Beach, Conn., and PAUL H. DAVEY and CHARLES L. GAUGLER, Kent, Ohio; said Gaugler assignor of his one-third to The Davey Tree Expert Company, Kent, Ohio, a Corporation of Ohio. Filed Aug. 2, 1923. Serial 655,265. 2 Claims. (Cl. 144-2.)



1. A rotary tool for excavating tree cavities comprising a rotor having a convex periphery with chip spaces therein, cutting blades straddling the rotor immediately back of uninterrupted parts of the rotor over such chip spaces said blades having forwardly projecting arms in grooves of the rotor at an acute angle to the intermediate blade portion, and means for securing said arms in place.

1,646,813. APPARATUS FOR EXCAVATING TREE CAVITIES. JAMES A. DAVEY, Sound Beach, Conn., and PAUL H. DAVEY and CHARLES L. GAUGLER, Kent, Ohio; said Gaugler assignor of his entire right to The Davey Tree Expert Company, Kent, Ohio, a Corporation of Ohio. Filed Jan. 26, 1925. Serial No. 4,683. 23 Claims. (Cl. 144-2.)

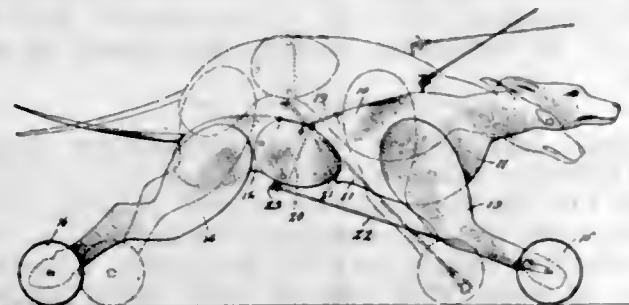


1. A wood cutting tool including a fluid actuated turbine having a rim, cutting blades on the outer face of the rim, said blades operating over the entire width of the tool, turbine buckets on the inner face of the rim, and means for supplying actuating fluid thereto, substantially as described.

1,646,814. MECHANICAL TOY GREYHOUND. PHILIP DE LEMME, Jersey City, N. J. Filed Oct. 20, 1926. Serial No. 148,011. 3 Claims. (Cl. 46-45.)

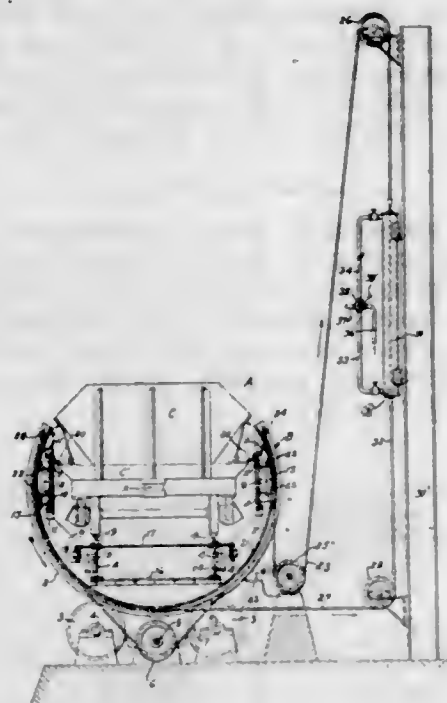
1. In a wheeled toy, a body simulating a dog of the greyhound type while running, said body being of two parts pivotally connected across the back and side plates overlapping and concealing the joint between the body portions in all relative positions of the body portions, the front portion provided with a pair of front legs and the rear portion provided with a pair of rear legs,

each leg provided with a supporting wheel, a crank driven from the front wheel, and a reach rod connecting said crank with the rear body portion whereby the body



portion will periodically buckle at its middle with all wheels on the ground as the toy is drawn along the ground.

1,646,815. DUMPING APPARATUS. CHARLES E. GLASSMAN, Columbia, Ill., assignor to Columbia Quarry Company, St. Louis, Mo., a Corporation of Missouri. Filed Jan. 29, 1926. Serial No. 84,584. 3 Claims. (Cl. 214-52.)

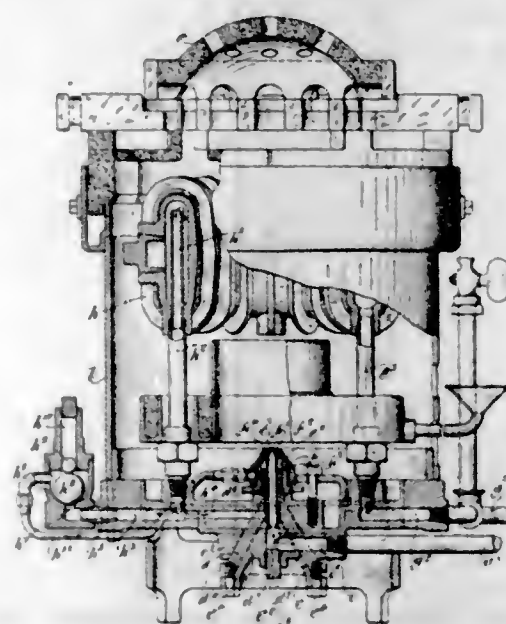


1. A dumping apparatus comprising a tiltable element in the form of a receptacle adapted to receive a vehicle to be dumped, means whereby said tiltable element is rotatably supported, and means whereby said tiltable element may be moved from a load-receiving position to a dumping position, the last mentioned means including a compressed air cylinder, a piston arranged for reciprocation within said compressed air cylinder, flexible connectors movable with said piston and attached to said tiltable element, said piston being adapted to be moved in one direction to tilt said tiltable element and in another direction to restore said tiltable element, and restricted passageways through which the compressed air passes whereby the speed of movement of said piston and said tiltable element is retarded.

1,646,816. OIL BURNER. ARTHUR B. GOODSPEED, Chester, Conn. Filed June 6, 1924. Serial No. 718,230. 2 Claims. (Cl. 158-75.)

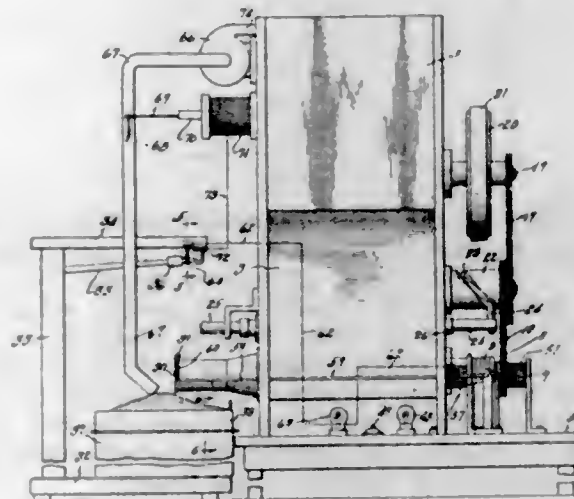
1. In an oil burner, the combination of a burner tip, means to supply oil thereto, a steam generator, a sleeve forming a steam chamber about the burner tip and having

an annular orifice about the burner tip, a second sleeve forming a second steam chamber about the first mentioned sleeve and having an annular orifice, means to conduct



steam from the generator to the first mentioned steam chamber and other means, including a stabilizing valve, to conduct steam from the generator to the second named steam chamber.

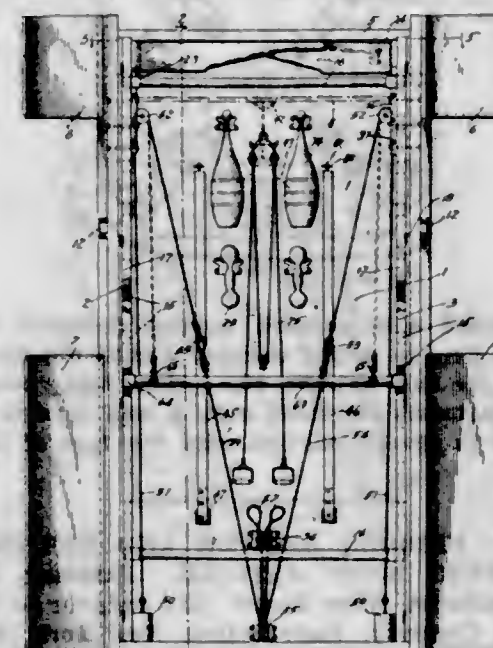
1,646,817. AUTOMATIC DISPENSING AND WEIGHING MACHINE. CHARLES E. GORDON, Detroit, Mich., assignor of one-half to Joseph G. Hedrick, Halley, Idaho. Filed Sept. 24, 1925. Serial No. 58,251. 5 Claims. (Cl. 249-7.)



1. A dispensing and weighing machine comprising a hopper for the material to be dispensed, a feed screw in the bottom of the hopper, means for driving the feed screw, a receptacle into which the material is adapted to be discharged, a scale on which the receptacle is positioned, a movable arm carried by the scale, a circuit adapted to be closed by the movable arm as a slight over-weight of material is discharged into the receptacle, a solenoid energized by the closing of the said circuit, the solenoid being adapted to disengage the feed screw from driving operation, a second circuit adapted to be closed by the said arm at the same time the first circuit is closed, a solenoid in the second circuit, a suction pipe terminating over the discharged material in the receptacle, a valve in the suction pipe adapted to be opened upon energization of the solenoid in the second circuit, the

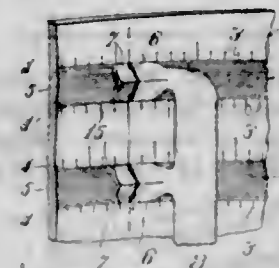
arrangement being such that as the material is withdrawn from the receptacle through the suction pipe the scale arm moves downwardly to break the circuit for the second solenoid and allow the valve to close.

1,646,818. PHYSICAL-EXERCISING APPARATUS. HARRY A. HOLLAND, Los Angeles, Calif. Filed July 1, 1926. Serial No. 119,865. 14 Claims. (Cl. 272-81.)



1. A physical exercising apparatus comprising a casing having an opening at its front and means for closing said opening, two supporting arms hingedly mounted within said casing and adjacent the respective sides thereof so as to swing horizontally into position within said casing or into position to project out through said opening, a turning bar, and means for mounting said turning bar on the outer ends of said supporting arms when in said latter position.

1,646,819. INDICATOR DEVICE FOR INSTRUMENTS. GEORGE HUTCHINSON, Sheboygan, Wis., assignor to Hutchinson Scale Company, Sheboygan, Wis., a Corporation of Wisconsin. Filed Sept. 14, 1925. Serial No. 56,373. 19 Claims. (Cl. 116-129.)

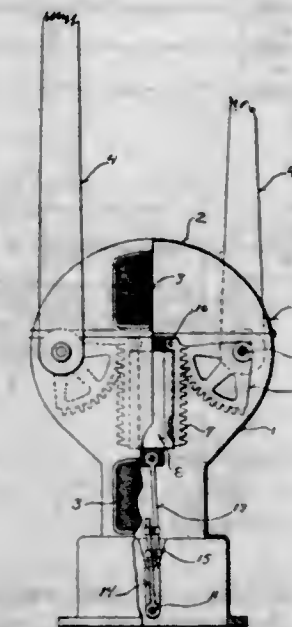


12. In combination, a chart having a pair of rows of graduations spaced from each other by a vacant zone, the butts of the marking lines in each row being in alignment and defining the margin of the zones separating the rows, a pointer bar, a gabled finger projecting transversely from the pointer bar, and an indicating element carried by said gabled finger.

1,646,820. TRAFFIC SAFETY GATE. JOHN E. JIMMIS, Oshkosh, Wis. Filed May 2, 1927. Serial No. 188,258. 4 Claims. (Cl. 39-7.)

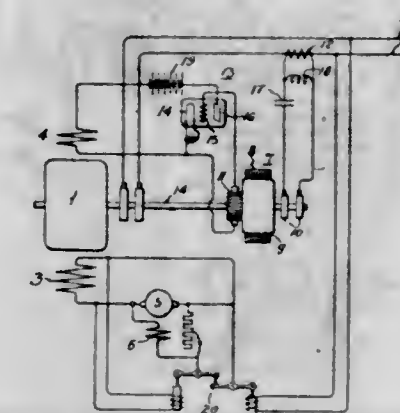
2. A safety gate comprising a main housing, a plunger guided by said housing, a rack removably carried by said

plunger, a segmental gear mounted upon a transverse shaft and meshing with said rack, a gate arm carried by



said shaft, a crank shaft mounted adjacent the lower portion of said housing, and a pitman connecting said plunger and said crank.

1,646,821. REGULATING SYSTEM FOR DYNAMO-ELECTRIC MACHINES. VLADIMIR KARAPETOFF, Ithaca, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Aug. 11, 1926. Serial No. 49,599. 8 Claims. (Cl. 171-241.)

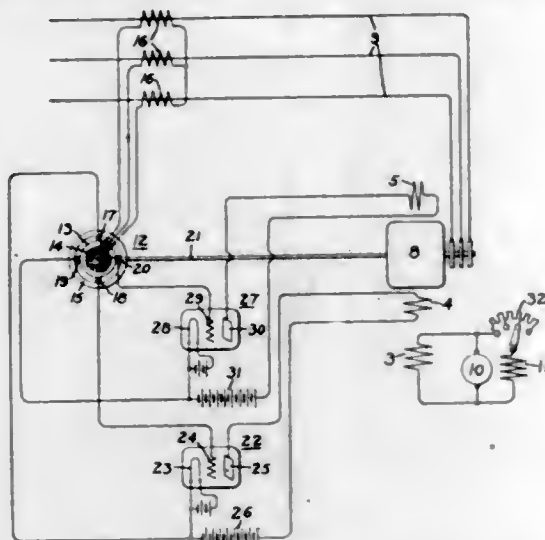


1. The combination with an electric power circuit, of a synchronous dynamo-electric machine connected to said power circuit, an excitation circuit therefor, a main source of electrical energy for said excitation circuit, a regulator responsive to an electrical condition of said power circuit for controlling said excitation circuit, and auxiliary excitation means controlled in accordance with line current transients for complementing the excitation of said main source in accordance with variations in magnitude and power factor of the line current and substantially simultaneously therewith.

1,646,822. REGULATION OF DYNAMO-ELECTRIC MACHINES. VLADIMIR KARAPETOFF, Ithaca, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Sept. 3, 1925. Serial No. 54,878. 14 Claims. (Cl. 171-119.)

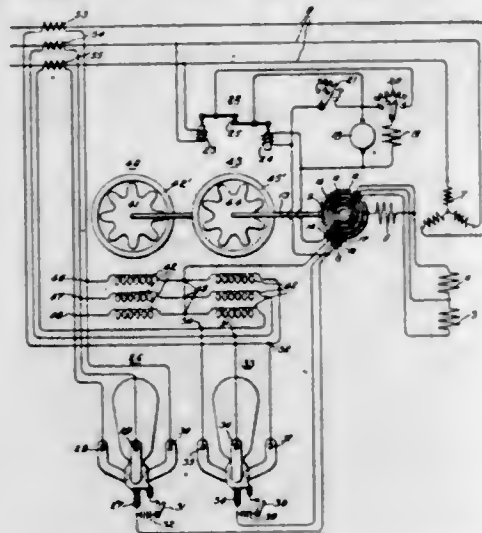
1. The combination of an alternating current dynamo-electric machine provided with an exciting winding, means for energizing said exciting winding, means for producing a direct current voltage varying as the sine of the phase

angle between the polar axes of the exciting winding and the maximum value of the load current of said alternating-current dynamo-electric machine, and means for com-



plementing the excitation of said exciting winding in accordance with the variations of said direct-current voltage.

1,646,823. REGULATION OF DYNAMO-ELECTRIC MACHINES. VLADIMIR KARAPETOFF, Ithaca, N. Y., assignor to General Electric Company, a Corporation of New York. Filed Sept. 28, 1925, Serial No. 58,978. Renewed Aug. 29, 1927. 11 Claims. (Cl. 171-119.)

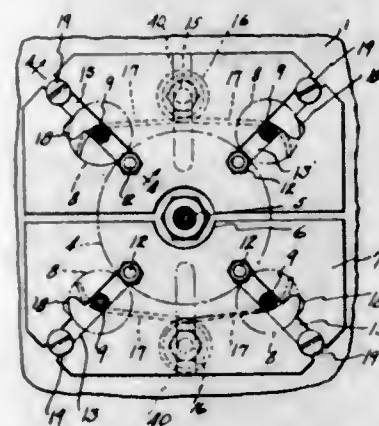


1. The combination of an alternating-current dynamo-electric machine provided with a main field winding and an auxiliary field winding, means for energizing said main field winding, means for producing an alternating voltage varying substantially as that component of the armature current which reaches its maximum value in time quadrature with the polar axes of said main field winding, and means for rectifying said alternating voltage whereby the auxiliary field excitation of said alternating current machine may be varied.

1,646,824. ROLLER TENSION DEVICE. ALFRED K. KIMBERLY, Neenah, Wis., assignor to The Multi-Print System Co., Inc., Neenah, Wis., a Corporation of South Dakota. Filed Aug. 12, 1925. Serial No. 49,854. 7 Claims. (Cl. 101-219.)

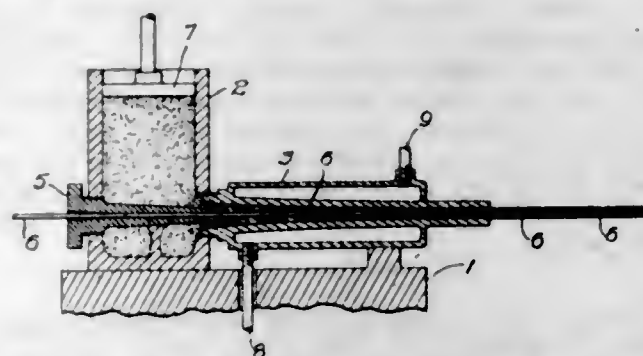
1. A roller tension device for printing and serving machines and autographic registers having a pair of side frame members, comprising a type cylinder having shaft ends rotatably mounted in the side frame members, plates mounted in spaced relation with each side frame member, each plate being provided with a series of slots extending radially from the axis of the type cylinder, a series of rollers adapted to rotate in contact with the

face of the type cylinder, each roller being provided with shaft ends rotatably mounted in the respective slots of the said plate, springs supported between each plate and adjacent frame member and tending to move the roller shaft ends inwardly toward the axis of the type cylinder, means for adjusting the tension of the springs, each slot



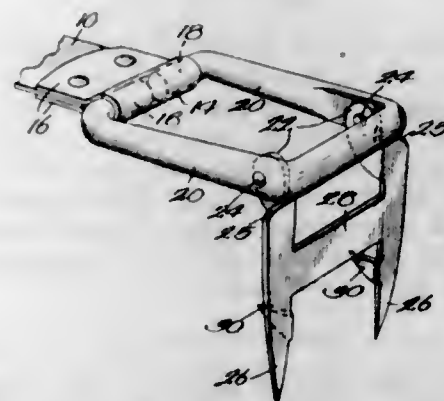
being provided with a notch opening thereinto whereby the rollers may be moved outwardly until the shaft ends engage in the said notches, the springs being adapted to yieldably maintain the shaft ends in said notches to hold the rollers in spaced relation with the face of the type cylinder.

1,646,825. FIBROUS ARTICLE AND METHOD FOR PRODUCING SUCH ARTICLE. FREDERIC SHIELDS KOCHENDORFER, River Forest, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y., a Corporation of New York. Filed Feb. 3, 1923. Serial No. 616,663. 13 Claims. (Cl. 18-13.)



1. A method of manufacturing fibrous articles, which comprises generating an adhesive from material in the surface layers of unfabricated fibers, extruding the fibers to form a cohesive mass and removing the surplus generating agent.

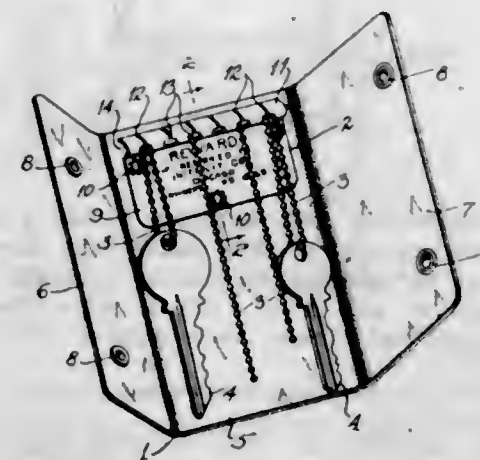
1,646,826. MEASURING TAPE. ADOLPH LANGSNER, Chicago, Ill., assignor to Eugene Dietzgen Co., Chicago, Ill., a Corporation of Delaware. Filed May 12, 1926. Serial No. 108,471. 11 Claims. (Cl. 33-137.)



1. In a measuring tape in combination with an open ring, an anchor formed of an integral flat piece of metal having a pointed end to be driven into an object and

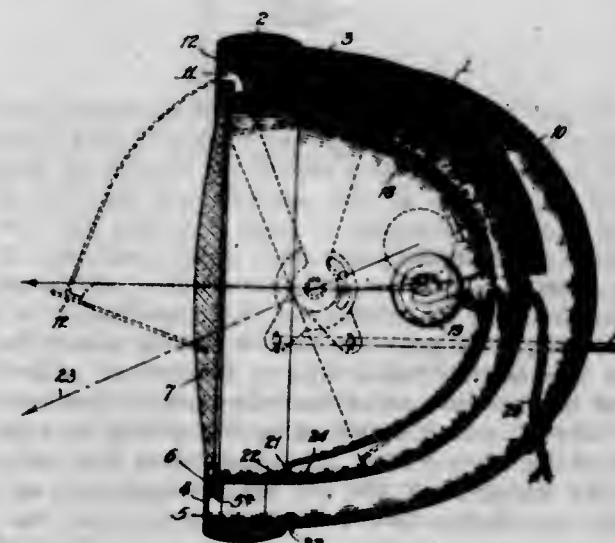
having spaced ears bent substantially at right angles to the plane of the anchor and pivotally connected to said ring to permit the anchor to lie in the plane of the ring, said anchor adjacent to the ears being formed with shoulders adapted to abut against the ring to limit the open position of the anchor to ninety degrees and to form impact receiving shoulders for relieving the pivotal connection of the shock of a blow on the anchor when the anchor is driven into an object.

1,646,827. KEY CASE. LEON MAYER, Chicago, Ill. Filed Apr. 11, 1927. Serial No. 182,874. 3 Claims. (Cl. 150-40.)



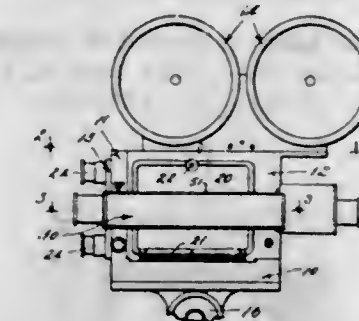
1. A key purse comprising a case, a mounting secured to said purse and provided with a curled upper edge having a plurality of slots, and a plurality of key chains whose ends are seated in said slots to form loops which are adjustable in length.

1,646,828. AUTOMOBILE LIGHT. JOHN MEDLOCK, Chicago, Ill. Filed Dec. 8, 1924. Serial No. 754,457. 9 Claims. (Cl. 240-45.)



9. A light comprising a casing, means for mounting a lens in the casing and having an opening between the lens and the casing, a reflector behind the lens, a source of light in the reflector, and a hood movable in and out through said opening and adapted when moved outward for shielding against transmission of glare rays of light from the reflector and the light source, and means carried by said hood for effecting the closing of said opening when said hood is moved into said casing, said means having a pin and slot connection for effecting a retarded movement of the reflector when being tilted by the hood.

1,646,829. VIEWING DEVICE FOR CAMERAS. GEORGE A. MITCHELL, Huntington Park, Calif., assignor to Mitchell Camera Corporation, Los Angeles, Calif., a Corporation of California. Filed July 16, 1925. Serial No. 44,100. 3 Claims. (Cl. 33-64.)



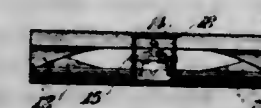
1. In combination, a camera including a body having an aperture and having a movable part at one side, a viewing device, and means for detachably mounting the device at said side of the body so that it is movable into and out of position where it interferes with movement of said part, said means including a bracket detachably mounted on said side of the body at the forward end thereof and having an arm projecting from the camera, and a fixed pivotal connection between the arm and viewing device supporting the viewing device so that it is adjustable in the horizontal alignment with the camera aperture.

1,646,830. TOY. ERNST MUELLER, Brooklyn, N. Y. Filed Dec. 23, 1926. Serial No. 156,577. 1 Claim. (Cl. 46-40.)



A toy comprising a support, an oscillating figure seated on said support above the same, a rearwardly curved extension extending downwardly from said figure to a position beneath said support, said extension having teeth on one side, a U-shaped weight supported on said extension and having teeth formed therein, yokes integral with said weight, and a finger on said weight secured to said yokes, said finger adapted to engage the edge of the extension to urge the teeth of the weight into engagement with the teeth of the extension.

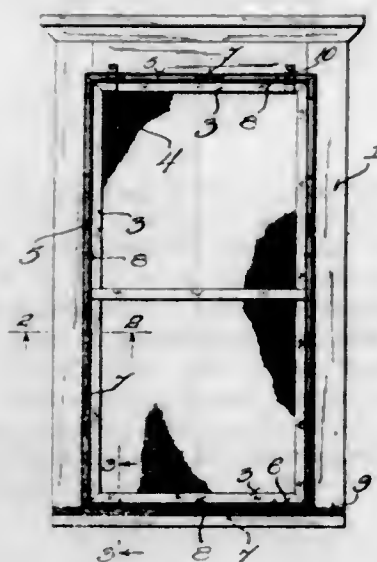
1,646,831. APPARATUS FOR WAVING HAIR. ANNA O'BRIEN, New York, N. Y. Filed Aug. 27, 1926. Serial No. 131,832. 3 Claims. (Cl. 132-32.)



1. Apparatus for use in waving hair comprising a tubular member, a retaining member hinged to one end thereof and arranged to snap into retaining engagement

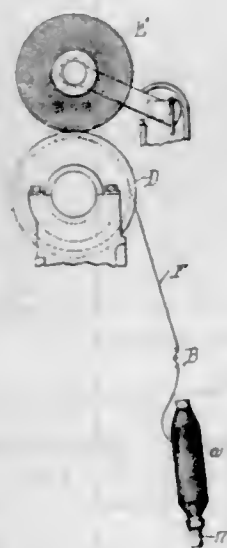
with the opposite end to clamp hair against said tubular member, and a spring clamping member arranged to embrace said tubular member to hold hair thereabout, said clamping member comprising two semi-cylindrical members hinged at one edge.

1,646,832. SHEET-METAL WINDOW SCREEN. ARNO F. OTTO, Milwaukee, Wis. Filed June 30, 1926. Serial No. 119,578. 3 Claims. (Cl. 156-14.)



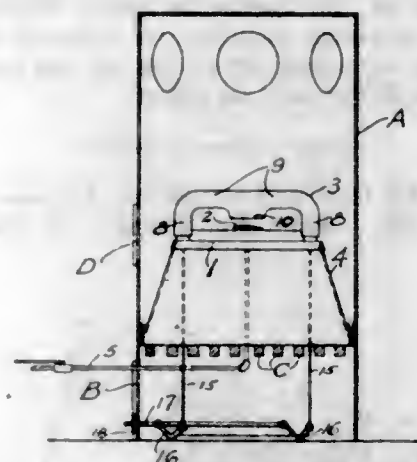
1. A window screen adapted to contact with the outer face of a window casing and comprising a mesh member, a border member formed of sheet metal and composed of integrally joined inner and outer strips between which the mesh member is received, said border member being pressed outwardly to form a channel, a packing positioned within said channel, and means for retaining said packing in position.

1,646,833. SPOOLING PROCESS. BURT A. PETERSON, Rockford, Ill., assignor to Barber-Colman Company, Rockford, Ill., a Corporation of Illinois. Original application filed Sept. 11, 1919, Serial No. 323,194. Divided and this application filed Oct. 22, 1923. Serial No. 669,893. 1 Claim. (Cl. 242-128.)



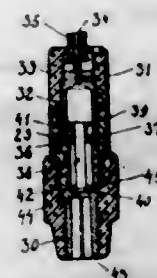
A spooling process which includes stationarily supporting a warp-wound bobbin by its butt end and drawing the yarn off the end of the bobbin at such high speed that the yarn balloons clear of the yarn mass and the tip of the bobbin.

1,646,834. OIL BURNER. WILLIAM B. PHILIPPE, St. Louis, Mo. Filed Feb. 16, 1924. Serial No. 693,239. 14 Claims. (Cl. 158-91.)



5. In combination with a heater, having a draft door near its bottom and a grate above such door, a shell forming an air passage converging upwardly from the heater wall at said grate, and a down draft burner at the upper end of said shell supplied with air from said shell.

1,646,835. AUTOMATIC CUT-OUT FOR HEATING CIRCUITS. OTTO PLETSCHER, Jr., Albstrieden, near Zurich, Switzerland. Original application filed Dec. 4, 1924, Serial No. 753,820, and in Germany Dec. 31, 1923. Divided and this application filed Apr. 1, 1926. Serial No. 99,173. 2 Claims. (Cl. 200-142.)

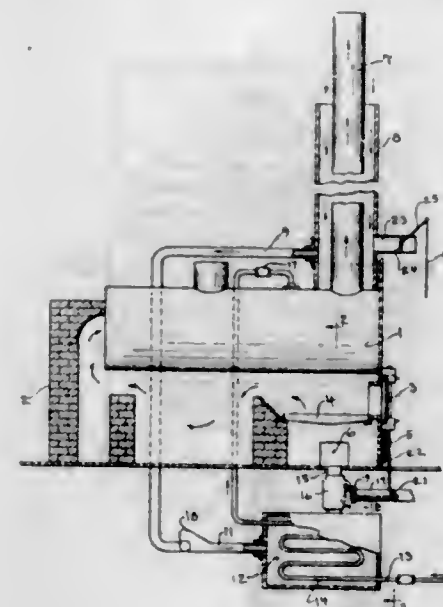


1. Socket device for heating or heat developing apparatus with automatic switch for protection against overheating, in combination with a socket, the interior of which is formed into a cup at the opposite end to that which passes over a contact-pin or plug, a fusible disc pressed by means of an insulating member which forms part of the socket device on said cup, the lower end of the insulating member and the rim of the cup being bevelled off in such a way that a chamber running circularly round the exterior edge of the fusible disc is formed into which the melted matter flows when the fuse blows, a rod carrying the current to said socket, a spring acting on said rod so as to lift the rod from the cup, a metal ring, on which ring the spring rests, the rod being arranged in an electrically conductive manner in said metal ring, the ring being held in its position for the proper guiding of the rod by means of a metal tube connected with the wire carrying the current, said fusible disc retaining the rod in electrically and thermally conductive contact with the socket and receiving heat over its whole under surface.

1,646,836. APPARATUS FOR THE RECOVERY OF WASTE HEAT. JACOB Y. PROPST, Ohatchee, Ala. Filed Sept. 26, 1925. Serial No. 58,956. 8 Claims. (Cl. 122-1.)

1. The combination with the combustion chamber and stack of a furnace for boilers and the like, of a jacket open at its upper end which surrounds the stack, means to

force a down current of air through said jacket about the stack, means to utilize the heat of said air current and a valve controlled port opening through the jacket near



the bottom thereof to the outer atmosphere and adapted, when open, to admit a cooling current of air between the stack and the jacket.

1,646,837. HOT-AIR MOISTENER AND DEFLECTOR. CHARLES W. ROEDER, Bloomington, Ill. Filed Sept. 17, 1926. Serial No. 136,061. 5 Claims. (Cl. 98-105.)



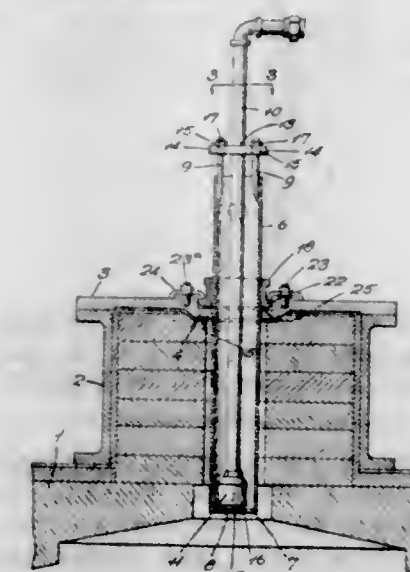
1. In a device of the class described, the combination with a deflecting member having rear and side walls and an overhanging top, and a plurality of horizontal rods connecting the end walls and holding them in proper relationship to the rear wall and overhanging top, of a separate reservoir having an open top and adapted to fit in between said walls beneath the top, one of said rods connecting said ends toward the bottom and spaced away from the rear wall so that the reservoir will be held in place thereby when placed beneath the top and against the rear wall.

1,646,838. METHOD OF TREATING SULPHUR. JAMES W. SCHWAB, Gulf, Tex., assignor to Texas Gulf Sulphur Company, Bay City, Tex., a Corporation of Texas. Filed Jan. 30, 1924. Serial No. 689,504. 8 Claims. (Cl. 23-229.)

1. The method of improving the color of abnormally colored sulphur which comprises passing the sulphur in a molten condition through an appropriate bed containing fuller's earth whereby the molten sulphur is brought into intimate contact with the fuller's earth and the sulphur after passing therethrough is more nearly of the characteristic yellow color of normal colored sulphur.

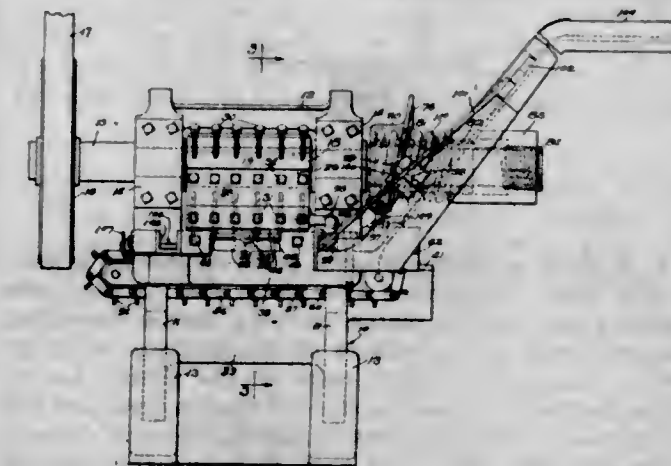
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1,646,839. OIL-SPRAYING DEVICE. THOMAS W. STONE, Fort Wayne, Ind., assignor to Western Gas Construction Company, Fort Wayne, Ind., a Corporation of Indiana. Filed Aug. 11, 1924. Serial No. 731,410. 4 Claims. (Cl. 48-87.)



2. In a gas making apparatus, the combination of a carburetor and an oil spraying device comprising a vertically disposed cooling jacket removably secured to said carburetor, an oil supply pipe removably contained within and adapted to be drawn against to frictionally about said jacket, means for adjustably securing said jacket at various distances of insertion within said carburetor, and means for removably securing said oil supply pipe to said jacket.

1,646,840. NUT-CASTELLATING MACHINE. WALTER UMBDENSTOCK, Chicago, Ill., assignor to Fredric Greer, Chicago, Ill. Filed Nov. 26, 1924. Serial No. 752,802. 16 Claims. (Cl. 10-72.)



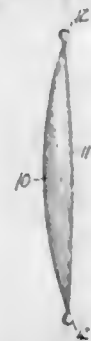
1. In a machine of the class described, means for supporting a nut blank in upright position, and means moving in a closed curvilinear path for castellating the nut blank, said means moving practically horizontally during the cutting stroke and returning above the blank to starting position.

8. In a machine of the character described, means for conveying and indexing nut blanks, means for slotting the blanks, and means actuated by said slotting means for feeding the blanks singly to said conveying means.

1,646,841. RESILIENT CRYSTAL FOR CLOCKS AND LIKE INSTRUMENTS. RICHARD H. WHITEHEAD and WILSON E. PORTER, New Haven, Conn., assignors to The New Haven Clock Co., New Haven, Conn., a Corporation. Filed Nov. 9, 1926. Serial No. 147,255. 2 Claims. (Cl. 58-91.)

1. A resilient crystal having its actual edges initially bowed out of a common plane, so that when such edges

are placed under tension from their opposite faces, they will be brought substantially into a common plane, whereby the case-unit and the movement-unit of the clock

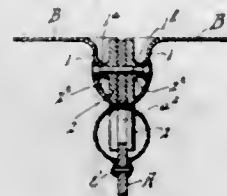


in which the said crystal is placed will be stabilized in their relative positions by the effort of the said bowed edges of the crystal to resume their initially-bowed form.

1,646,842. METHOD OF MAKING INTERMESHING LINKS. CHARLES A. WHITING, Franklin, Mass., assignor to Whiting & Davis Company, a Corporation of Massachusetts. Filed Dec. 3, 1924. Serial No. 753,754. 2 Claims. (Cl. 113-112.)

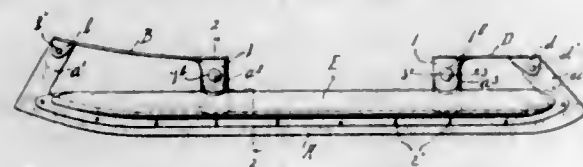
1. The process of producing link mesh which consists in making mesh of solid wire, applying to the wire a film of metal forming the surface finish of the wire, applying a flux, applying over the wire coated with the flux a protective coating of finely pulverized material, and thereafter subjecting the mesh to a high temperature for a short period of time and thereby softening the metal coating upon the links to an extent sufficient to permit some of the metal coating to run into the joints of the links to fill these joints and, on cooling, to weld the ends of the links together.

1,646,843. SKATE. SAMUEL E. WINSLOW, Leicester, Mass. Filed Oct. 30, 1926. Serial No. 145,215. 3 Claims. (Cl. 208-167.)



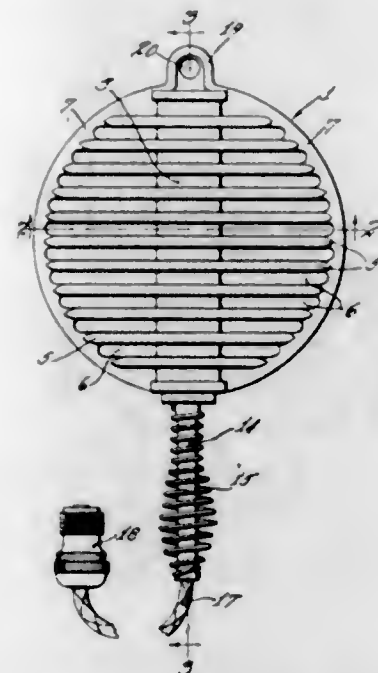
1. In a skate, a blade; integral posts extending upward from the blade; reinforcing side pieces fast to the blade and posts; heel and toe plates, carrying hollow depending segmental brackets, the hollows of the brackets being opposed to receive the upper ends of the posts; hollow thimbles between the inner surface of the brackets and the outer surface of the side pieces; a binding element through the thimbles, side pieces and post, to secure the brackets to the post.

1,646,844. SKATE. SAMUEL E. WINSLOW, Leicester, Mass. Filed Dec. 4, 1926. Serial No. 152,696. 3 Claims. (Cl. 208-167.)



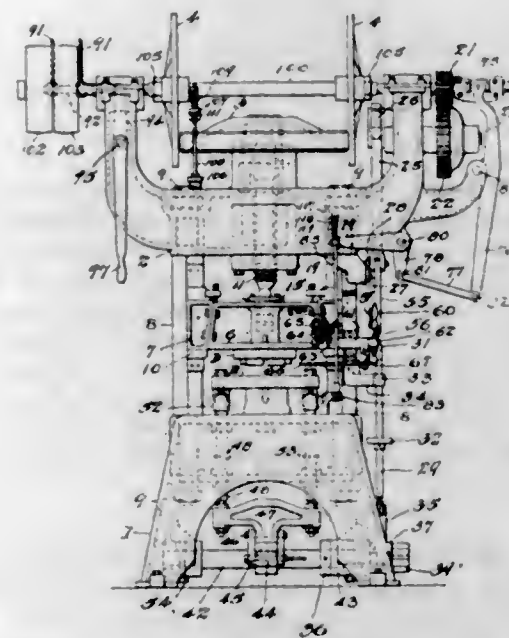
1. In a skate, a blade; integral posts extending upward from the blade; reinforcing side pieces fast to the blade and posts; heel and toe plates, carrying hollow depending segmental brackets, the hollows of the brackets being opposed to receive the upper ends of the reinforced posts; a connecting bolt through brackets, reinforces and post; a metallic filler element shaped to fit exactly all surfaces within the hollow bracket.

1,646,845. ELECTRIC HEATER. CHARLES L. WRIGHT, Chicopee Falls, Mass., assignor to Lamb Knitting Machine Company, Chicopee Falls, Mass., a Corporation of Massachusetts. Filed Dec. 12, 1925. Serial No. 75,038. 6 Claims. (Cl. 219-38.)



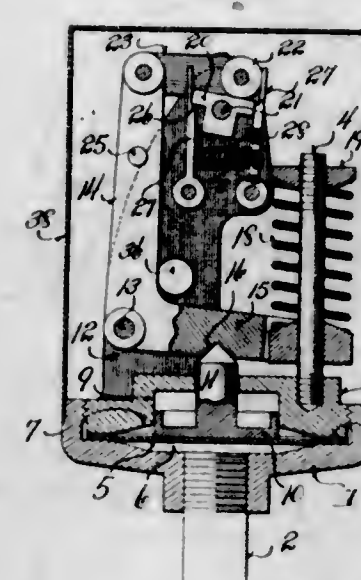
1. An electric heater for temporary use on an idle automobile comprising an electric heating unit, a single heat distributing casting with a recess for such unit, said casting forming a grating of comparatively light weight in proportion to its area having a substantial area in one plane for transferring a substantial part of the heat from said unit by conduction and another area in various planes for transferring the remainder of such heat by radiation all for the purpose described.

1,646,846. FRICTION-DRIVE TILE PRESS. FRANK B. YINGLING, Hamilton, Ohio. Filed Feb. 6, 1925. Serial No. 7,349. 20 Claims. (Cl. 25-83.)



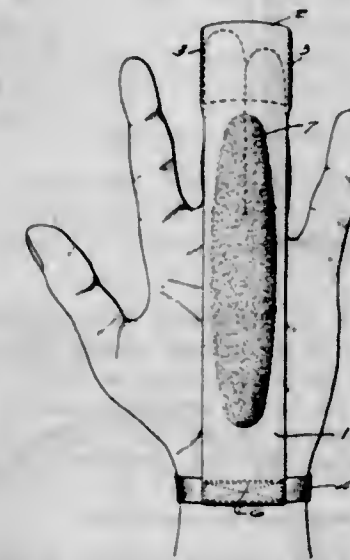
1. In a press the combination of a base, a top bracket, intermediate supporting posts of rectangular section, a horizontal drive shaft in the top bracket, a main screw, a main nut on the bracket, a sleeve on the screw, a bush surrounding the sleeve in the bracket, and a horizontal cross head on the screw having wear adjusting parts between it and the supporting posts.

1,646,847. AUTOMATIC PRESSURE-CONTROL APPARATUS. JOHN ASTROM, Fort Wayne, Ind., assignor to Fort Wayne Engineering & Mfg. Co., Fort Wayne, Ind. Filed Aug. 21, 1926. Serial No. 130,736. 4 Claims. (Cl. 200-83.)



1. In a device of the class described, the combination of a hollow base having a threaded aperture adapted to receive a pipe, a diaphragm carried by said base and forming a chamber with said base, a plunger bearing upon said diaphragm and having a pointed upper end, a bell crank lever having one arm socketed for the reception of said plunger and having the other arm extending upwardly from said base, a rock shaft provided with a bearing block rigidly carried by said rock shaft, a link pivoted to the upwardly extending arm of said bell crank lever and having a member spring pressed against said bearing block, a rod carried by said rock shaft, a movable switch contact carried by said rod, and a cooperating stationary contact supported from said base.

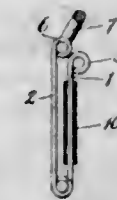
1,646,848. FINGER AND THUMB NAIL BUFFER. MALLY PEABODY BEACH, Bridgefield, Conn. Filed Dec. 23, 1926. Serial No. 156,616. 3 Claims. (Cl. 132-78.)



1. As a new article of manufacture, a flexible, digit nail buffer for use on one hand while the nails of the other hand are being buffed, the buffer having a digit receiving member, an intermediate flexible portion for use as a digit nail buffer when flat and smooth on a hand of the user, and an adjustable, tightenable wrist band for then engaging a wrist of the user, said member and wrist band cooperating, when the buffer is in use, to prevent

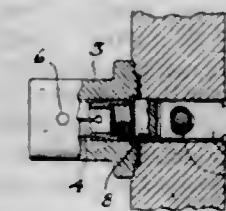
the flexible, intermediate portion from becoming transversely wrinkled under buffing strokes by the user; said intermediate portion, when in use, being supported by the user's hand.

1,646,849. SHOE-LACE FASTENER. AUGUSTA MARIA BERGER, Brooklyn, N. Y. Filed Mar. 10, 1927. Serial No. 174,284. 2 Claims. (Cl. 24-120.)



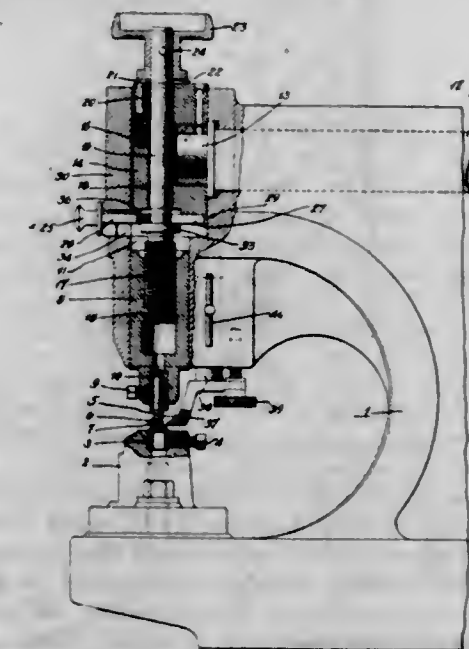
1. A shoe lace fastener comprising two hinged members, a locking member to hold them in locked position, a resilient member interposed between said hinged members to provide pressure on enclosed shoe lace ends having variable aggregate cross section.

1,646,850. CHUCK MECHANISM. ROBERT S. BROWN, New Britain, Conn., assignor to The New Britain Machine Company, New Britain, Conn., a Corporation of Connecticut. Filed June 4, 1925. Serial No. 34,869. 5 Claims. (Cl. 279-51.)



1. In a chuck, a chuck body, a reciprocable member including a collet fitting said chuck body, a block having opposed bearing surfaces therein, adjustable means for securing said block and said reciprocable member together at their rear ends, and an actuating shaft having means for engaging said opposed bearing surfaces on said block for advancing and retracting said reciprocable member.

1,646,851. PUNCHING MACHINE. ANDREW C. CAMPBELL, Waterbury, Conn., assignor to American Chain Company, Inc., a Corporation of New York. Filed Sept. 6, 1924. Serial No. 736,342. 8 Claims. (Cl. 164-104.)



1. In a machine of the class described, the combination with a frame provided with a work support, of a slide having two parts movable relatively to each other, a tool-

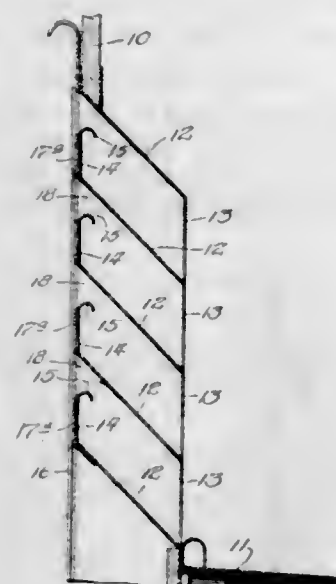
carrier connected with one of said slide parts for operation thereby, means to reciprocate said slide, and means connecting said slide parts, said means being adapted to effect adjustment between said slide parts, and also arranged to permit relative axial play therebetween at times, and a manually operable coupling device to prevent said play at the will of the operator.

1,646,852. ABRADING TOOL AND METHOD OF PREPARING AUTOMOBILE BODIES FOR FINISHING. ROBERT R. CARNOWSKY and JOSEPH T. STRATMAN, Detroit, Mich., assignors, by mesne assignments, to General Motors Corporation, Detroit, Mich., a Corporation of Delaware. Filed Oct. 22, 1925. Serial No. 64,068. 4 Claims. (Cl. 51-194.)



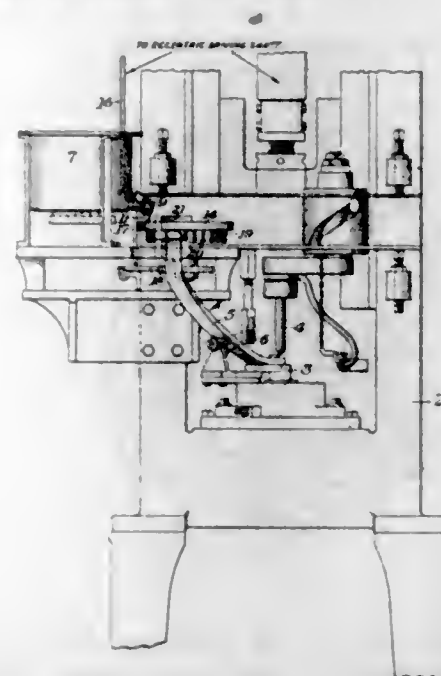
1. A portable apparatus for finish surfacing automobile bodies or the like, having in combination a portable driving member manipulated by hand, a handle and a conical abrading member rotatably supported between the handle and the source of power and rotated by the latter, said abrading member comprising a conical abrasive shell fitting over and rotated by a supporting conical body of a sufficient mass of sufficiently yieldable material to cushion the first engagement of the abrasive and avoid burning the work.

1,646,853. VENTILATOR. RALPH L. CROTHWAITE, Chicago, Ill. Filed July 18, 1925. Serial No. 44,524. 1 Claim. (Cl. 98-101.)



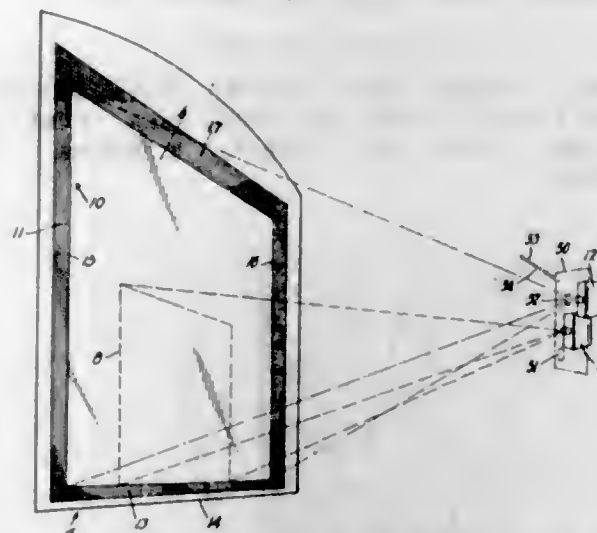
A ventilator including a series of louvre boards provided with depending aprons at their forward edges, and upwardly extending substantially vertical flanges at their rear edges, the upper edges of said flanges being curved upwardly, forwardly, and downwardly to form forwardly projecting canopies thereon, and means for varying the size of the ventilating opening comprising a slidable frame having cross members corresponding to said upwardly extending substantially vertical flanges, said frame adapted for sliding movement to move said cross members into registry with said flanges to open the ventilator or into a position to close the spaces between said flanges.

1,646,854. METHOD OF FORMING ARTICLES BY EXTRUSION. WALTER T. DAVIS and JOHN A. MCGINNIS, Wheeling, W. Va., assignors to Wheeling Stamping Company, Wheeling, W. Va., a Corporation of West Virginia. Filed Feb. 27, 1923. Serial No. 621,536. 4 Claims. (Cl. 207-1.)



2. In the method of forming articles from non-ferrous metal by extrusion, the steps consisting in casting a slug of the dimensions required for the formation of a single article, and then subjecting the slug to an extruding pressure between a die and plunger, to form a tube.

1,646,855. MOTION-PICTURE EXHIBITING. LORENZO DEL RICCIO, New York, N. Y. Filed Jan. 4, 1927. Serial No. 158,875. 11 Claims. (Cl. 88-24.)

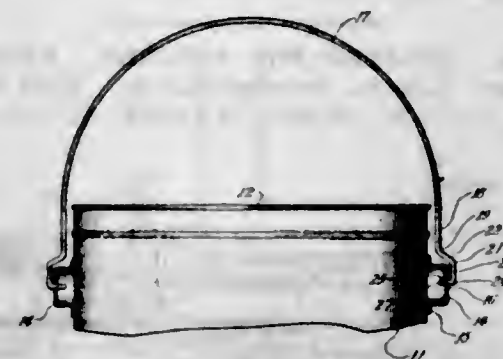


8. In the method of exhibiting motion pictures, the steps which consist in projecting motion picture images to a given scale of projection upon a screen and simultaneously cutting out said projected images and cutting in motion picture images to a greater scale of projection and increasing the projected area on the screen.

1,646,856. BAIL FOR CONTAINERS. JACOB F. EGENOLF, Maywood, Ill., assignor to American Can Company, New York, N. Y., a Corporation of New Jersey. Filed Apr. 18, 1925. Serial No. 24,044. 2 Claims. (Cl. 220-91.)

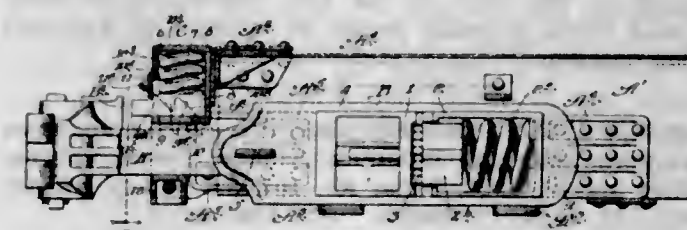
1. A bail for containers, comprising a curved body, having ends engageable with bail ears secured to the container, said ends having pivotal supporting parts extending inwardly toward the container and retaining parts extending laterally therefrom and adapted to prevent

accidental separation of the bail from the bail ear, one of said ends being insertable into one bail ear, after the opposite end has been first positioned into the other ear, by arranging its retaining part adjacent an opening in the outer face of the bail ear and exerting inward



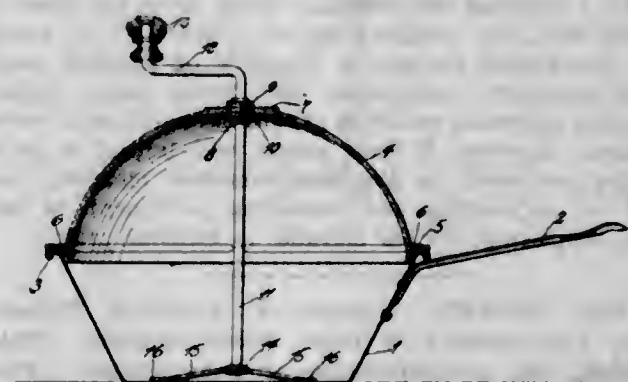
pressure upon the bail near said end and simultaneously causing a cooperative torsional strain within the body of the bail, thereby causing said retaining part to snap into and through said opening leaving the supporting part of the end disposed in said opening.

1,646,857. DRAFT GEAR. JOSEPH E. FORSYTH, Chicago, Ill., assignor to Martin K. Northam, Chicago, Ill. Filed Nov. 23, 1925. Serial No. 70,802. 2 Claims. (Cl. 213-59.)



1. The combination with the substructure of a car-body and a draft-gear mounted in said substructure and equipped with a draw-bar projecting beyond the end of the substructure, the projecting end of said draw-bar having its upper side equipped with a shoulder, of an auxiliary spring-housing mounted on said substructure and disposed above said draw-bar and having an opening at its lower front portion, a coil-spring in said housing having a vertical axis, said spring being insertable through said opening, and co-acting wedge-members interposed between said spring and the bottom of said housing, one of said members having a portion adapted to be engaged by said shoulder.

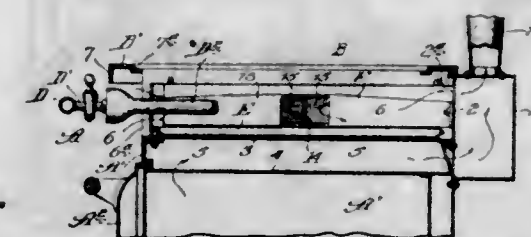
1,646,858. COOKING UTENSIL. HENRY E. GROSSEN-BACHER, Overland, Mo. Filed Dec. 3, 1924. Serial No. 753,547. 3 Claims. (Cl. 53-4.)



1. A cooking utensil comprising a vessel having an open upper end, a cover extending into the upper end of said vessel and spaced therefrom, and an external

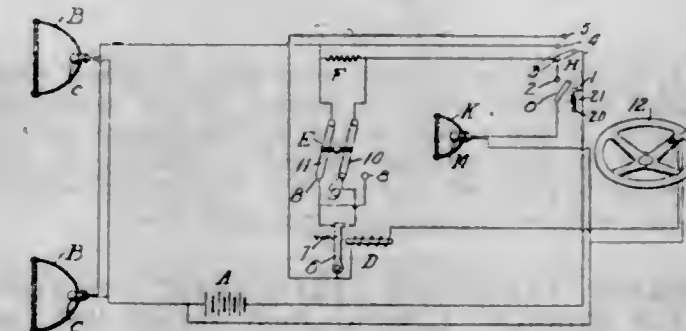
flange in connection with said cover above the lower edge of said cover seating on the upper edge of the vessel and provided with a number of vent openings therethrough extending inwardly beyond the inner wall surface of the vessel.

1,646,859. GAS RANGE. AUGUSTUS F. HARTER, Oak Park, Ill., assignor to Cribben & Sexton Company, Chicago, Ill., a Corporation of Illinois. Filed May 9, 1925. Serial No. 29,097. 2 Claims. (Cl. 126-39.)



1. In a gas-range, the combination of a stove body provided with an oven and above said oven with a burner box having an open front and having a rear wall and side walls and a closed cooking top, an outlet flue communicating with the rear portion of said burner box, front and rear burners located in said burner box, mixer tubes connected with said burners, and a secondary air-supply conduit within said burner box and extending parallel with the sides thereof and having its discharge orifice in said burner box located adjacent the rear burner.

1,646,860. CONTROL FOR ELECTRICAL SYSTEMS. GULIELMUS V. HEIDT, Atlanta Ga. Filed Feb. 16, 1923. Serial No. 619,513. 10 Claims. (Cl. 175-312.)

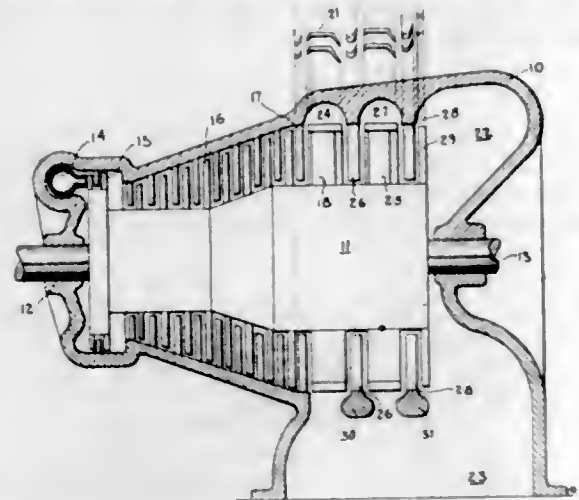


1. In a control for an electric system, the combination of an electrical member, a source of electrical energy for supplying said member, connections between the member and source, a resistance unit, a manually operated switch in said connections adapted to interpose said resistance unit between said member and source, an electrically operated switch adapted to interpose said resistance unit between said member and source, and means for transposing the electrical connections between said resistance and said electrically operated switch.

1,646,861. ELASTIC-FLUID TURBINE. HERBERT T. HEAR, Philadelphia, Pa., assignor to Westinghouse Electric & Manufacturing Company, a Corporation of Pennsylvania. Filed Mar. 6, 1925. Serial No. 13,658. 8 Claims. (Cl. 253-69.)

1. A multi-stage elastic fluid turbine provided with an exhaust chamber, the moving blades of an intermediate stage thereof having an inlet edge, a leaving edge curved in the form of reaction blading and exposed directly to the exhaust chamber, whereby a portion of

the fluid supplied to said blades is completely expanded to exhaust pressure, and a leaving edge disposed adjacent to a succeeding stage, curved in the form of reaction



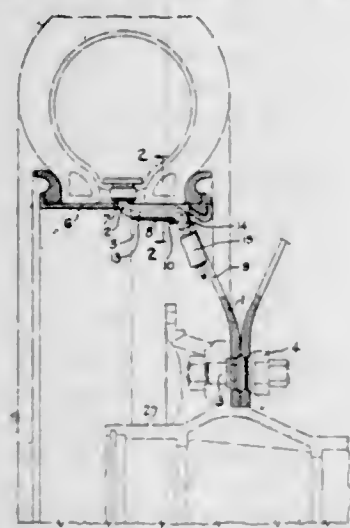
blading, and adapted to partially expand the fluid passing thereover and to supply said fluid to said succeeding stage.

1,646,862. INDUCTION FURNACE. WILLIAM HOSKINS, Chicago, Ill. Filed June 3, 1927. Serial No. 196,232. 5 Claims. (Cl. 204-64.)



1. An induction furnace comprising a curved rifled trough supported within a furnace setting, conducting material in said trough, means for inducing an electric current in said material whereby a rotation of said material is produced, and means for supplying material to and withdrawing material from said trough.

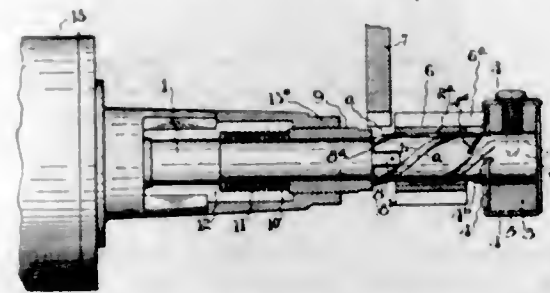
1,646,863. VALVE-STEM ARRANGEMENT FOR VEHICLE WHEELS. J. HAROLD HUNT, Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Sept. 14, 1926. Serial No. 135,311. 4 Claims. (Cl. 301-63.)



4. A wheel comprising a disc flanged at its peripheral portion to define a seat and having a valve stem aperture adjacent said seat, said seat being embossed in-

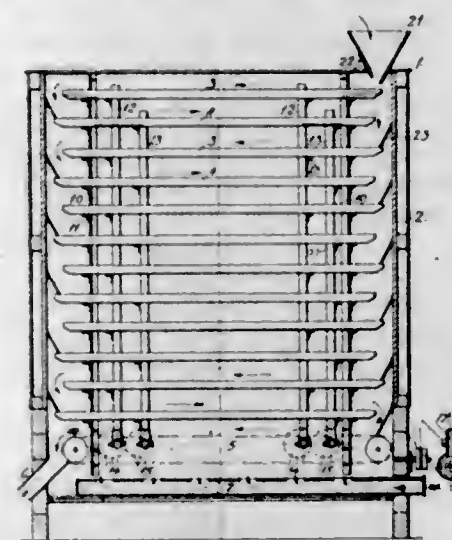
wardly along a line at right angles to the edge of said seat to define a valve stem receiving depression that intersects said valve stem aperture, the edge of said depression adjacent said aperture being rounded, and a rim supported by said seat and having an opening exposing said valve stem depression.

1,646,864. STARTER FOR ENGINES. MAUNSELL B. JACKSON, Toronto, Ontario, Canada. Filed Sept. 10, 1925. Serial No. 55,563. 19 Claims. (Cl. 74-7.)



1. In a starter for use with an internal combustion engine having a gear adapted to rotate the crankshaft thereof, the combination of starter mechanism including a shaft; a starter pinion threaded on the shaft, the pinion having a limited rotary movement relative to the thread, the said thread serving to rotate the pinion if the teeth on the latter meet end to end with the teeth on the gear; and means independent of the thread for axially moving the pinion when the teeth of the latter are rotated relative to the teeth of the gear sufficiently to clear, the said means normally having no tendency to move the pinion axially.

1,646,865. PINE-SEED SEPARATOR. JONAS JONSSON, Vansbro, and CARL WILHELM DYBECK, Falun, Sweden. Filed May 6, 1926. Serial No. 107,198, and in Sweden Nov. 20, 1925. 2 Claims. (Cl. 198-218.)

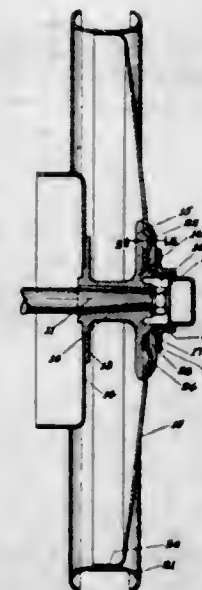


1. In a machine for moving objects from an upper to a lower level, the combination of a plurality of superposed forwarding shelves, a plurality of parallel longitudinal members constituting each shelf, means rigidly connecting alternate members of alternate shelves whereby movement imparted to said means will impart a corresponding movement to the interconnected members, and means for supporting and imparting movement to said means comprising devices movable in circular orbits.

1,646,866. WHEEL. HERBERT V. LUDWICK, Philadelphia, Pa., assignor to Budd Wheel Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Aug. 1, 1922. Serial No. 578,898. 17 Claims. (Cl. 301-9.)

11. In a wheel the combination with a hub, a disc mounted on said hub and adapted to carry a wheel rim and having a face to face engagement with a radially

extending face of said hub, and a driving ring removably and non-rotatably mounted on the hub and having a face to face driving engagement with a radially extending face of said disc, said disc and ring having co-fitting interengaging portions preventing relative rota-



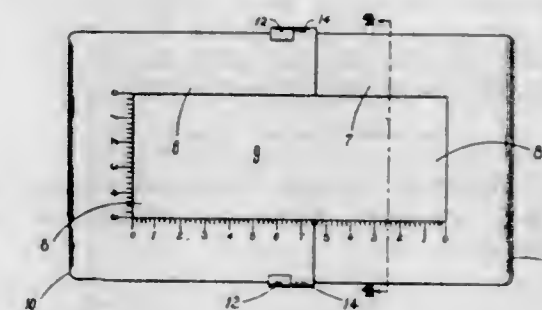
tion of the disc and ring, of a nut screwed on the hub and engaging said ring to force it against the disc and clamp the latter between said ring and a portion of the hub, and a spring-pressed detent carried by said driving ring and cooperating with a plurality of recesses formed in said nut to prevent inadvertent rotation of said nut.

1,646,867. VEHICLE WHEEL. EMIL A. NELSON, Abington, Pa., assignor to Budd Wheel Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Dec. 6, 1923. Serial No. 678,795. 10 Claims. (Cl. 301-9.)



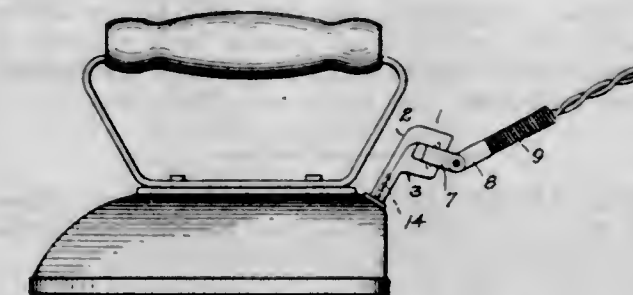
8. A wheel comprising a hub, a wheel disc detachably secured to said hub and having a central opening therein, a cup-shaped pressed metal member forming a false hub and projecting through said central opening and having a portion secured to said disc, and a hub cap carried by the end of said false hub.

1,646,868. ADJUSTABLE FINDER. ALEXANDER F. NEWLANDS and ERNEST FOSBERY, Ottawa, Ontario, Canada. Filed Mar. 11, 1927. Serial No. 174,666. 4 Claims. (Cl. 33-1.)



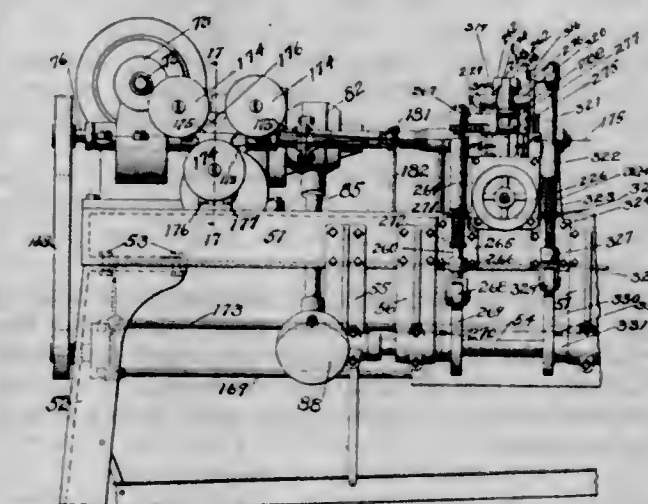
1. In a finder comprising a pair of members, each having a central portion cut from one end to provide a vision opening; the ends of each of said members being provided with lugs on their outer edges; said lugs being curved back upon their respective ends to overlap the respective sides of the other member.

1,646,869. ATTACHMENT CORD. CAMERON E. OEN-DORF, Johnstown, Pa. Filed May 8, 1926. Serial No. 107,600. 6 Claims. (Cl. 173-332.)



1. A terminal connector for flexible conductors comprising in combination a connector member provided with contacts for the terminals to which it is to be joined a yoke of insulating material pivotally mounted thereon, and another terminal member pivotally connected to said yoke.

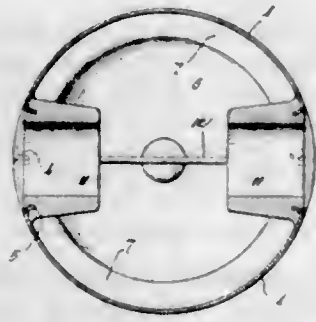
1,646,870. METHOD OF AND MACHINE FOR MAKING SAWS. HERBERT H. POWERS, La Grange, Ill. Filed Mar. 3, 1921. Serial No. 449,426. 16 Claims. (Cl. 76-44.)



7. In a machine for milling all of the teeth of a saw in one operation, the combination of a vise having clamping jaws equal in length to the series of teeth to be cut,

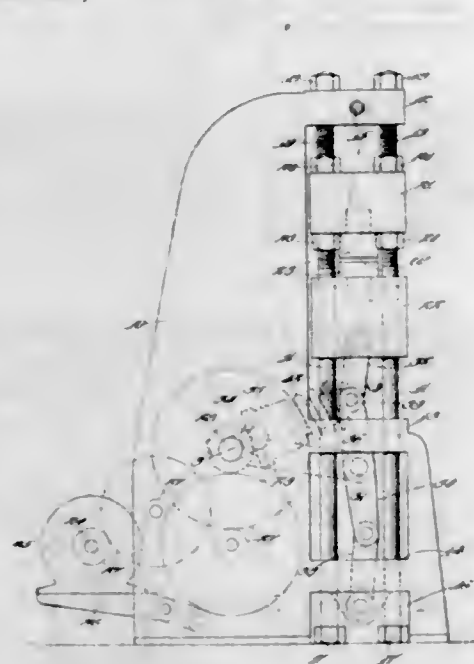
a backing plate against which the back of the saw must contact, a milling cutter having as many circumferential rows of teeth as are to be contained in the saw, a soft plate to underlie the saw blade, having as many teeth as the cutter, to back up each individual tooth of the saw, means to advance the cutter to cut the teeth in the saw and means to further advance it in smaller increments after reaching the soft plate to cut part of the latter and to remove burs from the teeth.

1,646,871. PISTON. ALEXIS R. PRIBIL, Saginaw, Mich. Filed May 10, 1926. Serial No. 107,996. 5 Claims. (Cl. 74-108.)



1. A piston comprising a two part shell having adjoining flanges and bearing flanges, and a head attached to said shell and inclosing the adjoining flanges and bearing flanges of said shell.

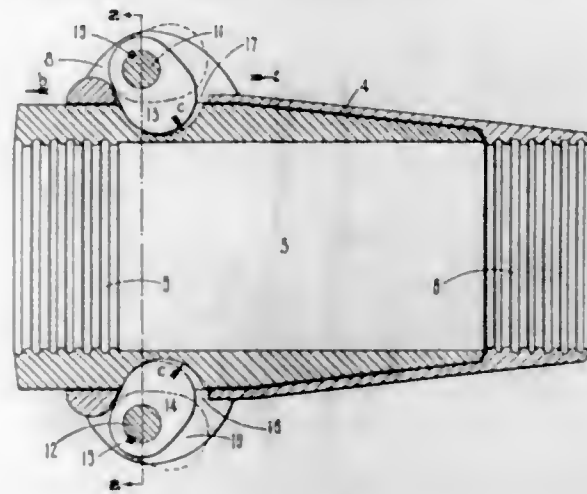
1,646,872. PRESS. GEORGE W. PROUTY, Boston, Mass. Filed Sept. 17, 1924. Serial No. 738,137. 6 Claims. (Cl. 25-98.)



1. In a press, in combination, a movable press element, a toggle for operating the same, a prime mover, and connections between said prime mover and toggle for operating the latter, one of said parts including a resilient element for exerting a follow-up pressure upon said movable press element.

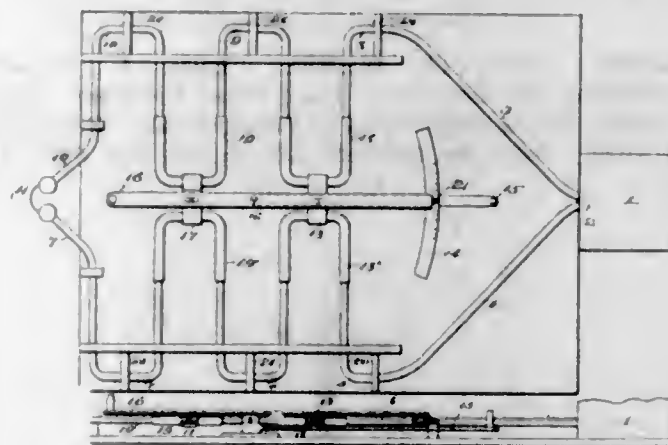
1,646,873. HOSE COUPLING. PRESLEY RICHARDS, Newcastle, New Brunswick, Canada. Filed Dec. 21, 1925. Serial No. 76,751. 1 Claim. (Cl. 285-171.)
A hose coupling consisting of a female section; a male section adapted to be snugly fitted into said female

section; an annular groove on the outer circumference of said male section near the protruding end thereof; cam members pivotally carried by said female section,



the cam portion of each of said cam members being adapted to swing through longitudinal openings in said female section and engage in said groove.

1,646,874. SOUND-DETECTION-TRAINING DEVICE. LEON H. RICHMOND, Fort H. G. Wright, N. Y. Filed July 24, 1926. Serial No. 124,771. 5 Claims. (Cl. 181-0.5.)

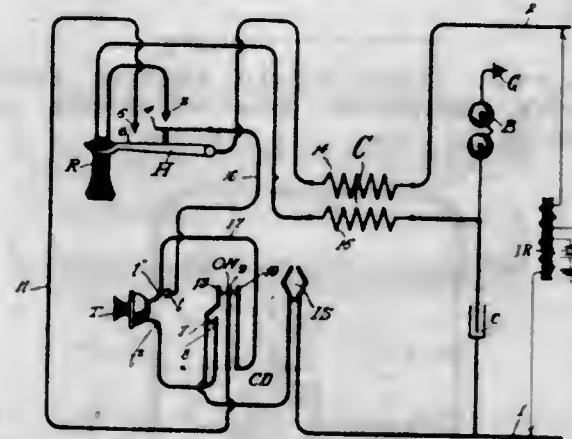


2. In a sound detection apparatus, a single source of sound, a pair of tortuous sound conveying members converged at said point of source, means attached to said conveyers for aural reception by an observer, means for simultaneously lengthening one and correspondingly shortening the other of said conveyers, and independent means adapted to be actuated by the observer for equalizing the lengths of said conveyers in accordance with his binaural observations.

1,646,875. SUBSTATION CIRCUIT. DANIEL B. ROBISON, Cicero, Ill., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill., a Corporation of Illinois. Filed Feb. 24, 1923. Serial No. 620,882. 14 Claims. (Cl. 179-81.)

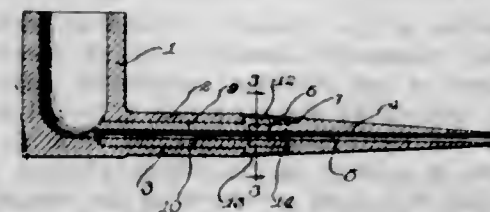
1. In a telephone system, a telephone line, a substation provided with a transmitter and a receiver for said telephone line, an impulse sender for said substation comprising a pair of contacts adapted to be engaged and disengaged for intermittently interrupting said telephone line, and means including another set of contacts ex-

clusive of said first contacts normally completing circuits for connecting said transmitter and receiver across said telephone line controlled by said impulse sender for dis-



associating said transmitter and receiver from said telephone line during the operation of said impulse sender, by breaking their respective connecting circuits.

1,646,876. SMOKING PIPE. CHARLES F. ROOD, Sutherlin, Ore. Filed June 29, 1926. Serial No. 119,498. 1 Claim. (Cl. 181-12.)



A smoking pipe comprising a bowl, a stem extending therefrom and having a bore communicating with said bowl, a tubular liner removably fitted into the bore of said stem and having its rear end portion enlarged to overlap the rear end of the stem, said liner consisting of longitudinally extending separable sections, a sleeve fitted upon the enlarged rear portion of said liner and provided with an inwardly extending annular flange overlapping the rear end of the liner and a mouth-piece having a reduced forward end fitted into said liner and an annular shoulder engaging the flange of said sleeve.

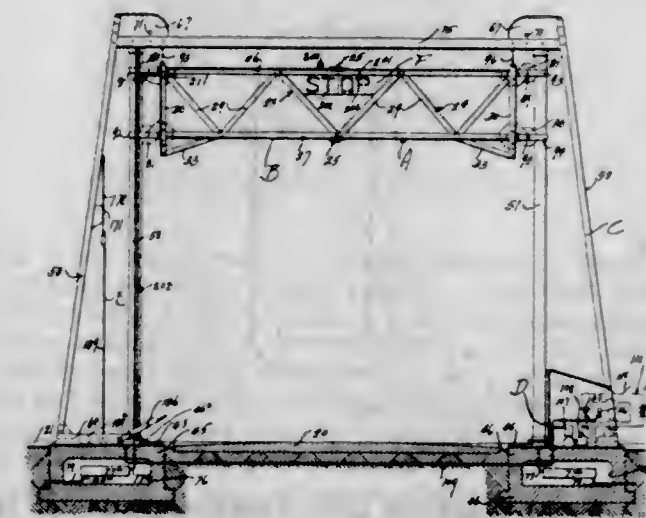
1,646,877. RAILWAY-CROSSING GATE. ELMER E. SARR, Huron, Ohio, assignor of one-half to Harry M. Bonnett, Huron, Ohio. Filed Dec. 9, 1924. Serial No. 754,816. 7 Claims. (Cl. 39-8.)

1. In a crossing gate of the class described the combination of a pair of tubular supporting posts, a gate, means slidably connecting the gate to the vertical supporting posts, piston means in the posts having connection with said gate, weight means in the posts connected with the piston means normally elevating the gate, and means for supplying fluid pressure to the piston means to counter act the weight means and lower the gate.

3. In a crossing gate structure the combination of a gate, a pair of vertical cylinders, guide means connecting the ends of the gate to said cylinders with the gate therebetween, piston means operating in said cylinders, a supporting structure including pulleys overhead of said cylinders, cables connected with said piston means trained over said pulleys and connected with said gate at the ends thereof, weight means normally acting on said pistons in the cylinders to maintain the gate elevated incident thereto, and means for supplying air pressure to the cylinders below said pistons to elevate said weight means and pistons in the cylinders and lower said gate between said cylinders.

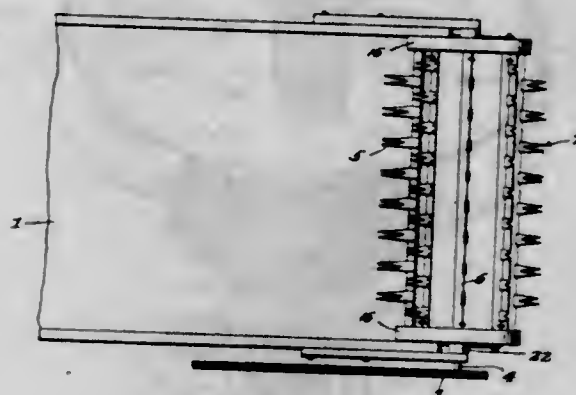
7. In combination a supporting structure, a gate, means normally maintaining the gate elevated at said support-

ing structure, means to lower the gate, a pivotally mounted semaphore arm normally maintained in an inoperative position, a pivotally mounted lever at the lower portion of the supporting structure, connecting means be-



tween the pivotally mounted lever and the pivotally mounted semaphore arm, said gate when lowered into closing position being adapted to engage said pivotally mounted lever to actuate the semaphore arm into an operative position.

1,646,878. MANURE SPREADER. EDWARD C. F. SCHAEFER, York, Pa. Filed Apr. 14, 1926. Serial No. 101,987. 1 Claim. (Cl. 275-3.)



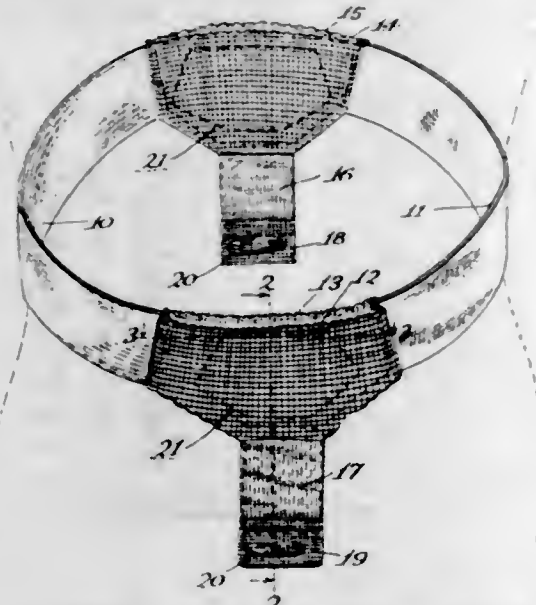
In a manure spreader of the class described, an elevating and ejecting rotor, embodying a pair of end heads in the form of disks provided with angularly disposed peripheral flanges, a shaft upon which the heads are keyed, a plurality of bars arranged at circumferentially spaced points and located between the peripheral portions of said heads, said bars being provided at their opposite ends with journals, and said heads being provided with bearings in which said journals are rotated, teeth carried by said bars, crank arms on the ends of said bars, a pair of hollow drum structures including peripheral rims, said flanges being stationary and fitting telescopically into said rims, said crank arms being located between said heads and drums, said drums being provided with endless eccentric channels, and rollers carried by the ends of said crank arms and movable in said channels, the aforesaid rotor being adapted to be mounted in the body of a manure spreader for forward rotation at the discharge end of said body, the eccentricity of said channel being such that the teeth on the drum as they approach the load from the lower side are rearwardly inclined and gradually assume a radial position as they mount to the top of the drum, from which they gradually assume an inclined position.

1,646,879. CLOSED-LINK BRAKE HANGER. FREDERIC SCHAEFER, Pittsburgh, Pa. Original application filed Feb. 3, 1923, Serial No. 616,693. Divided and this application filed June 3, 1926. Serial No. 113,431. 2 Claims. (Cl. 188-209.)



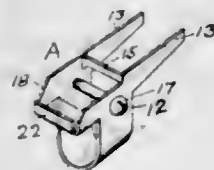
1. A forged closed-link brake hanger consisting of two side arms and upper and lower yokes connecting the ends of the side arms, the entire brake hanger being formed of a single unwelded piece of relatively high carbon steel and hardened to resist wear.

1,646,880. SANITARY BELT. BELLE SCHAEFER, Los Angeles, Calif. Filed Mar. 18, 1925. Serial No. 16,320. 2 Claims. (Cl. 128-291.)



1. A sanitary belt comprising two side pieces, pairs of sections of foraminous material connecting the ends of said side pieces so as to form open topped pockets adjacent the front and rear of the belt, and receptacles containing a deodorant and perfume disposed within said pockets.

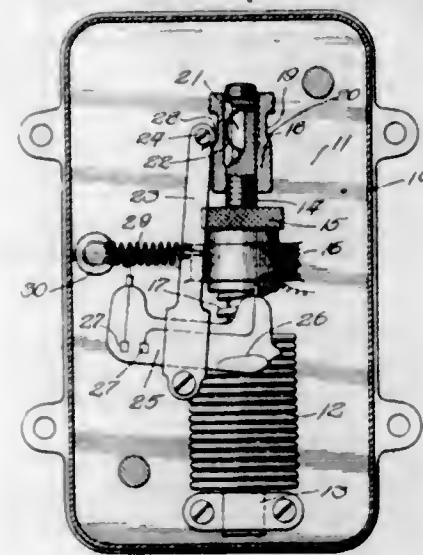
1,646,881. PIPE HANGER. JOHN B. SCHEER, Milwaukee, Wis. Filed July 29, 1922. Serial No. 578,318. 2 Claims. (Cl. 248-32.)



1. A pipe hanger constituted as an integral structure including a metal strap arranged and adapted to form a pipe support, of upstanding parallel legs one at each side of said pipe support, projections extending from the legs to support the hanger, means formed on the

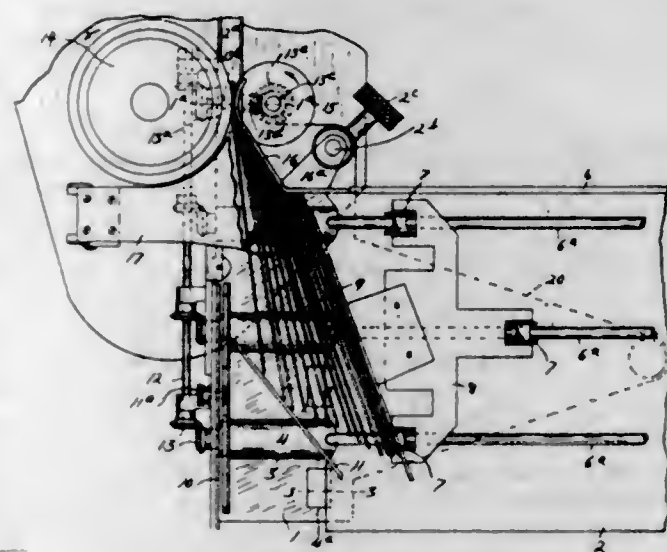
hanger for spacing and preserving parallelism of the legs, and fastening means located between said metal strap and said spacing means for drawing the sides of the structure together when the hanger is in operative position.

1,646,882. THERMOSTATIC SWITCH. FRANK W. SCHWINN, Chicago, Ill. Filed Oct. 5, 1925. Serial No. 60,516. 2 Claims. (Cl. 200-140.)



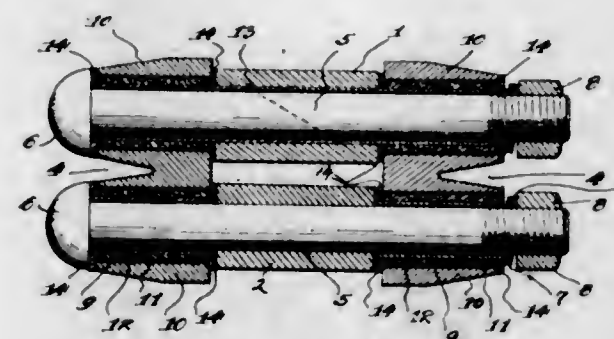
1. A device of the character described including; a temperature responsive element; spring means urging said element in one direction; means for adjusting the tension of said spring means; a cam threaded on a shaft carried by the temperature responsive element; an electric switch; a member on the switch adapted to be engaged by said cam upon movement of the temperature responsive element; said cam adapted to be adjusted relative to said switch member by screwing the same inwardly or outwardly on said threaded shaft; and means for retaining said cam in its adjusted position, said means comprising a spring member interposed between said shaft and said cam.

1,646,883. ENVELOPE-FEED MECHANISM. GEORGE E. SHELDRICK, Detroit, Mich., assignor, by mesne assignments, to Pitney-Bowes Postage Meter Company, Stamford, Conn., a Corporation of Delaware. Filed July 9, 1923. Serial No. 650,429. 19 Claims. (Cl. 271-39.)



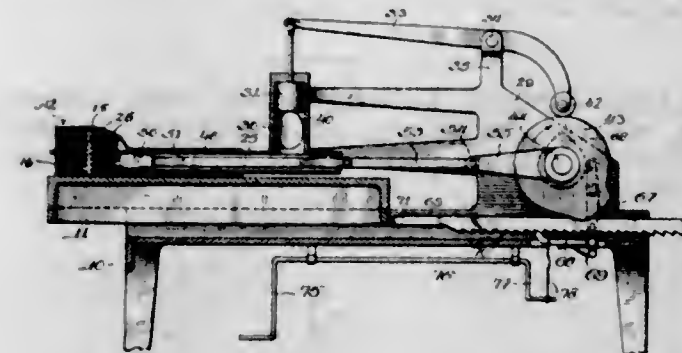
1. In a feed mechanism for envelopes or the like, the combination with a movable support for the envelopes or the like, of means for driving said support, single-feed means toward which said support is driven, and a deflector extending above said support at an angle to the direction of drive for engaging the rear edges of the envelopes.

1,646,884. COMBINED SPRING SHACKLE AND SHOCK ABSORBER. NEWTON SKILLMAN, Highland Park, Mich. Filed Apr. 26, 1926. Serial No. 104,733. 9 Claims. (Cl. 267-54.)



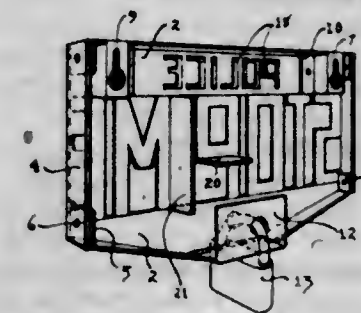
1. The combination with a vehicle spring and member to which said spring is movably connected, of a shackle including a link and means connecting said link to said members, said means including a bearing carried by said link having a section non-rotatably secured to said link and a concentric section non-rotatably secured to one of said members, said sections being relatively rotatable.

1,646,885. SPRING-CUSHION-LOADING APPARATUS. SAMUEL SUEKOFF, Chicago, Ill. Filed Oct. 29, 1925. Serial No. 65,648. 9 Claims. (Cl. 226-18.)



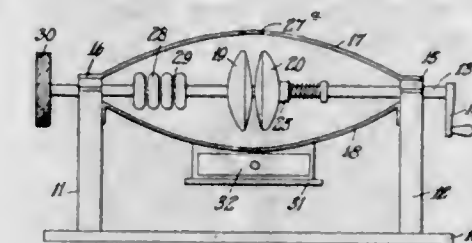
1. In a spring cushion loading apparatus, a cushion holder, a tube extending over said holder and adapted to receive a coil spring at one end in compressed condition, means for moving said spring through said tube and ejecting the same in position to expand at the end of said tube, and means for moving said holder longitudinally of said tube.

1,646,886. STOLEN-CAR SIGNAL. EDWARD COOPER TAYLOR, New York, N. Y. Filed July 9, 1924. Serial No. 725,013. 19 Claims. (Cl. 40-22.)



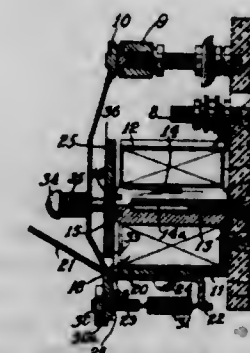
1. In motor cars, a sign for covering the license plate having distinctive markings indicating unauthorized use of the car, and means to lock the sign to the plate, including means between the sign and the plate, to support the sign superposed upon the plate.

1,646,887. CUTLERY CLEANER. OTTO THOMASCHWESKI, Newark, N. J. Filed Aug. 31, 1925. Serial No. 53,477. 1 Claim. (Cl. 51-25.)



In a cutlery cleaner, a rotating spindle, a flange on one side of the center of said spindle, a disk fixed to said spindle having a convex surface, a movable disk mounted slidably adjacent the fixed disk, said movable disk having a complementary convex surface, the convex surfaces of the fixed and movable disks forming a substantially triangular channel between said disks, a sleeve forming part of the movable disk and slidably mounted on said spindle, said spindle having a slot extending diametrically thru the spindle, a key rigid with the sleeve registering in the slot in said spindle, a spring surrounding said spindle between the flange and the sleeve of the movable disk urging said movable disk against said fixed disk, spaced-apart standards supporting said spindle at its ends, a pair of oppositely curved straps having their ends attached to said standards, and spaced-apart lugs projecting from said straps intermediate their length, said lugs being positioned above and below the fixed and movable disks, the channel between said lugs being aligned with the triangular space between said fixed and movable disks, said lugs forming a guide for cutlery.

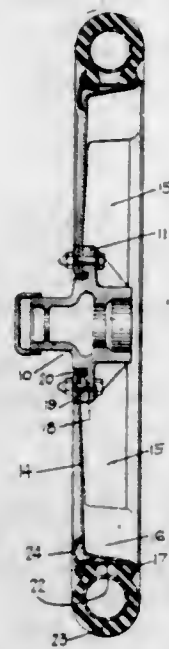
1,646,888. RELAY SWITCH. HAROLD E. TRENT, Lansdowne, Pa., assignor, by direct and mesne assignments, to J. Struthers Dunn, Philadelphia, Pa. Filed Mar. 29, 1924. Serial No. 702,744. 8 Claims. (Cl. 200-91.)



1. An electromagnet comprising a stationary magnetizable member of cup shape, a winding therein, a movable armature, a contact-carrying member, resilient means for securing the contact-carrying member to the armature, a single supporting member mounted on the side of the stationary-magnetizable cup member having a projection on each end thereof, one of the projections being adapted to be disposed in an opening in the armature to limit the movement of the armature, and an adjustable spring connected between the armature and the other projection on the supporting member.

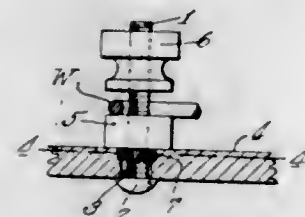
8. An electromagnet comprising a stationary magnetizable cup member, a winding therein, a movable armature having an opening therein, a contact carrying member, resilient means for securing the contact carrying member to the armature, a supporting member mounted on the side of the cup member and having a projecting portion for extending through the opening in the armature and a shoulder portion to serve as a bearing for the armature whereby the armature and the contact carrying member may be removed as a unit from the cup member.

1,646,889. METAL VEHICLE WHEEL. WALTER M. TROUT, Philadelphia, Pa., and CLARENCE B. DES JARDINS, Washington, D. C., assignors to Budd Wheel Company, Philadelphia, Pa., a Corporation of Pennsylvania. Filed Jan. 20, 1925. Serial No. 3,663. 2 Claims. (Cl. 301-63.)



1. A wheel comprising a hub, a wheel disc provided with a number of radial ribs, a rim support, a rim, a wheel ring adapted to secure the rim on the support, and ring-securing means anchored to said ribs.

1,646,890. BINDING POST. CLARENCE D. TUSKA, Hartford, Conn., assignor to The C. D. Tuska Company, Hartford, Conn., a Corporation of Connecticut. Filed July 21, 1924. Serial No. 727,172. 1 Claim. (Cl. 173-259.)

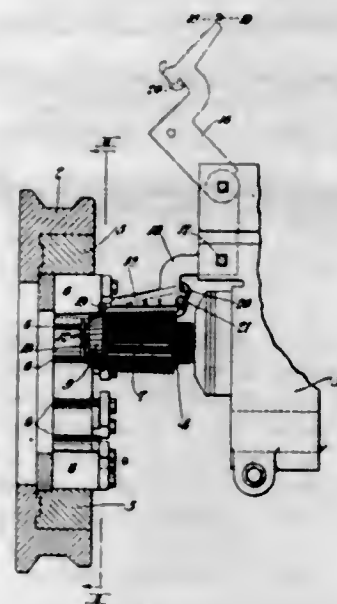


In a device of the class described, the combination with a support of insulating material having an aperture therethrough, of a binding post for electrical conductors comprising a stem extending through said aperture with a head at one side of said support, a clamping collar screw threadedly engaged upon said stem at the other side of said support for clamping the binding post to said support, said collar having a reduced annular projecting portion provided with cutting edges adapted to be forced by pressure into a self-cutting interlocking engagement with the wall of said aperture to prevent turning movement of said collar relatively to said support, a clamping nut screw threadedly engaged upon the outer end of said stem and an electrical conductor clamped between said collar and nut.

1,646,891. MILLING MACHINE. SAMUEL WEBB, Pittsburgh, Pa., assignor to National Tube Company, a Corporation of New Jersey. Filed Feb. 17, 1926. Serial No. 88,846. 8 Claims. (Cl. 29-27.)

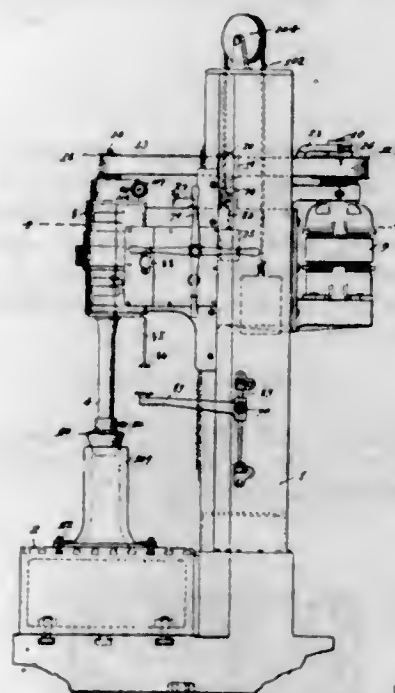
1. Means for cutting the lead and clearance on die segments comprising the combination with a milling

machine having a chuck for holding the die segment, an arbor spindle, and means for rotating said chuck and spindle, of a thread cutting hob on said spindle, a reamer mounted on said spindle and adapted to rotate therewith,



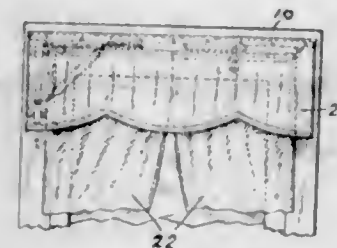
and means operable by the die segments carried by said rotating chuck for automatically moving said reamer longitudinally relative to said spindle and die segments while said reamer is being rotated.

1,646,892. BORING AND GRINDING TOOL. MARTIN L. WILLIAMS, Mishawaka, Ind. Filed Apr. 23, 1921. Serial No. 463,844. Renewed Mar. 21, 1927. 7 Claims. (Cl. 29-26.)



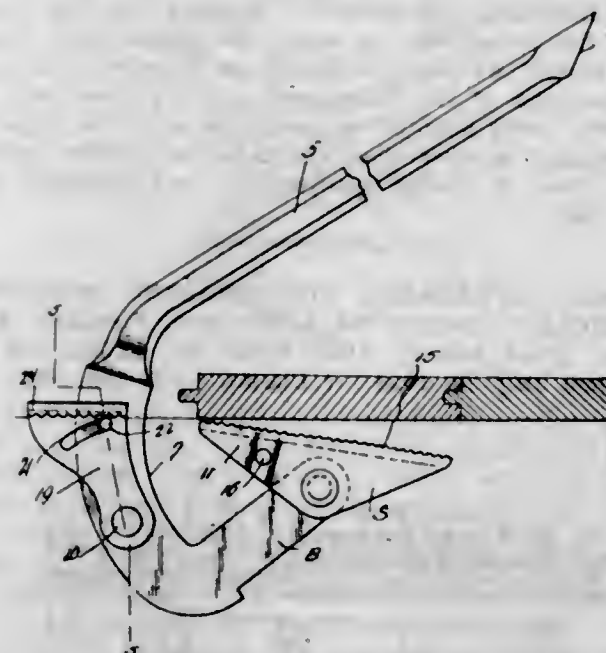
1. In a combined boring and grinding tool, the combination with a frame, of a reciprocating head adapted to slide vertically on the frame, a driving means mounted on the head automatically functioning the reciprocation, two eccentric sleeves carrying a tool arbor and a separate vertical grinding shaft positioned internally thereof, means for separately driving the grinding shaft and tool arbor, and means for manually selecting speeds for varying the speed of the tool arbor.

1,646,893. WINDOW-CURTAIN HANGER. JOHN WITTEMANN, Milwaukee, Wis. Filed Apr. 26, 1924. Serial No. 709,119. 3 Claims. (Cl. 156-19.)



1. In a window curtain hanger, a detachable bracket, a horizontally arranged bar pivoted at one end on the bracket so as to swing away from the window frame but adapted to normally lie parallel therewith, and a curtain supporting rod at the underside of the bar, the front edge and ends of the bar being adapted to support a depending valance to conceal the bar and its adjunctive attachments from sight.

1,646,894. CARPENTER'S WRECKING TOOL. GEORGE W. BASORE, Berryville, Ark. Filed Feb. 15, 1927. Serial No. 168,409. 3 Claims. (Cl. 254-131.)

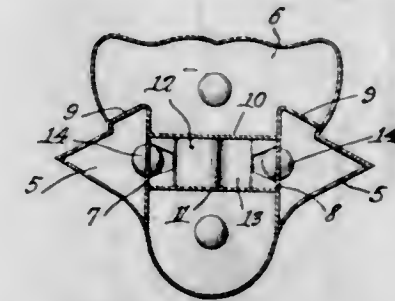


1. A tool of the class described comprising a handle, a shoe, said shoe being of U-shaped formation in section to provide a bight portion and a pair of sides, means for pivotally mounting the sides on one end of the handle, a portion of said sides being bent inwardly towards each other to form a stop shoulder to engage the extension so that the bight may be disposed obliquely thereto.

1,646,895. AUTO TRAFFIC SIGNAL. ELMER C. BEECHER, Wakeman, Ohio, assignor of one-third to Herbert C. Beecher, San Francisco, Calif., and one-third to Raymond L. Beecher, Detroit, Mich. Filed Oct. 7, 1925. Serial No. 61,057. 1 Claim. (Cl. 177-329.)

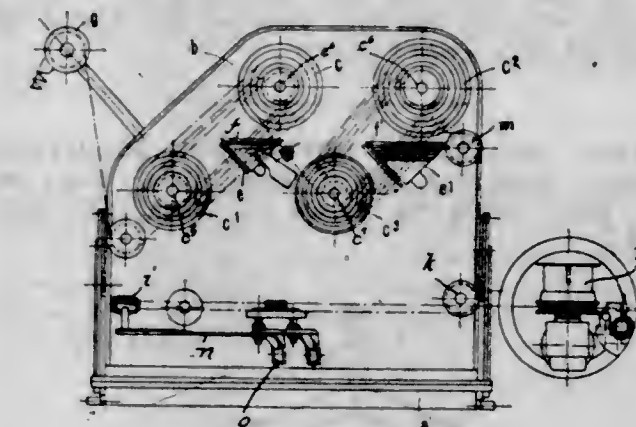
A lamp casing including a body portion, a pair of parallel spaced partitioning members within the body portion defining a plurality of lamp compartments, and partitioning members spaced from the sides of the casing and having connection with the ends of the first mentioned partitioning members, the last mentioned partitioning members having cut out portions formed in

the lower edges thereof and adapted to accommodate electric lamps, a deflecting member of a width to fit between the parallel partitioning members, said deflect-



ing member being bent outwardly at a point intermediate its ends to provide lateral inclined deflecting surfaces, and a cover for the casing.

1,646,896. WIRE-DRAWING BENCH. LOUIS GUSTAVE BRÉGUET and PAUL ALBERT BRÉGUET, Geneva, Switzerland. Filed Jan. 12, 1924. Serial No. 685,807, and in France Aug. 18, 1923. 1 Claim. (Cl. 205-18.)

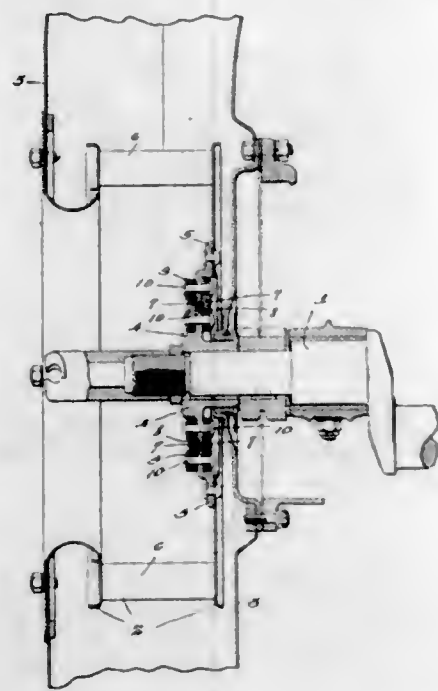


A wire drawing bench, comprising a pair of rotary drawing elements around which the wire passes a plurality of times, one element being disposed above and to one side of the other to cause the wire to travel in a direction oblique to the horizontal; a V-shaped vessel to contain a cooling liquid disposed directly between the drawing elements in the path of travel of the wire; a single die-equipped drawing plate for said vessel and constituting the wall thereof that faces the lower drawing element, said plate being disposed obliquely to the horizontal and perpendicularly to the wire; and a plurality of internal partitions in said vessel dividing its interior into a series of compartments of different sizes equal in number to the number of dies in the drawing plate and through which the wire passes from said dies; said partitions being disposed in stepped relation so as to cause the liquid to overflow from one compartment to the next, the compartments of larger sizes being reserved for the thicker strands of wire, and those of smaller sizes for the thinner strands.

1,646,897. COUNTERBALANCING DEVICE FOR SHAFTS. JOHN L. BURNA, Syracuse, N. Y., assignor to H. H. Franklin Manufacturing Company, Syracuse, N. Y., a Corporation of New York. Filed Nov. 23, 1925. Serial No. 70,764. 1 Claim. (Cl. 74-6.)

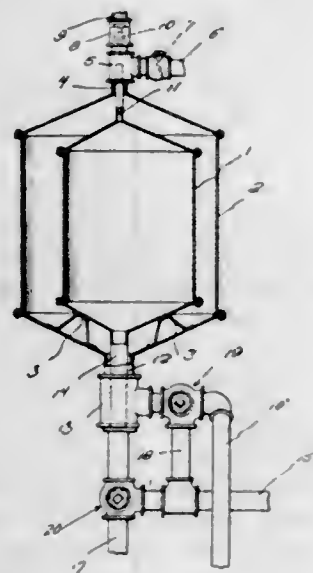
A counterbalancing device for rotating shafts comprising a centrifugal element including a hub mounted on the shaft and having an annular flange, an annular

outer member and an intermediate member, the outer member having an internal annular flange and the edges of said annular flanges being opposed to and located



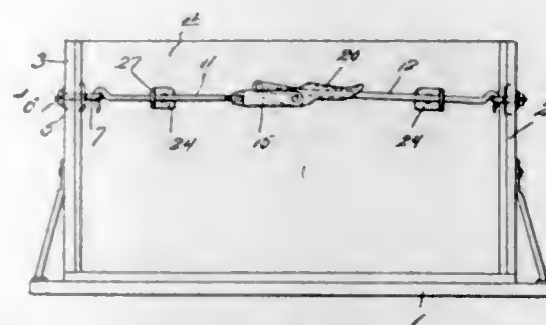
close to each other, the intermediate member being of a fibrous vibration absorbing material and lapping said flanges and being secured thereto.

1,646,898. MEASURING DEVICE FOR ICE-MAKING CANS. THOMAS J. BYRNE, Tulsa, Okla. Filed May 12, 1925. Serial No. 29,804. 1 Claim. (Cl. 221-116.)



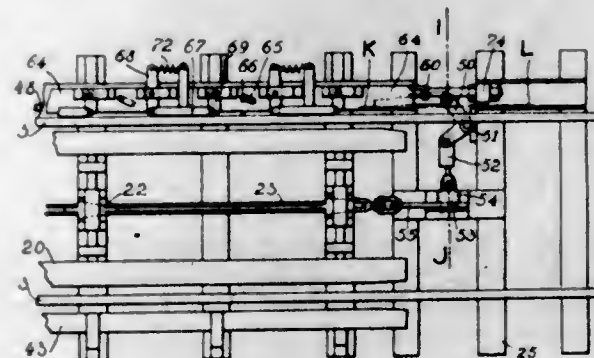
A fluid measuring device of the class described, comprising inner and outer closed receptacles the interiors of which are isolated from each other and having their sides, tops and bottoms separated by intervening spaces, the inner receptacle having a discharge, a single and common overflow for and above said receptacles, venting means above said overflow, separate and independent conduits connected with the bottoms of the receptacles, and arranged one within the other, a water supply conduit, a valve connection between the water supply conduit and the conduit in connection with the bottom of the inner receptacle, and a valved conduit interposed between the water supply conduit and the conduit in connection with the bottom of the outer receptacle, and a drain for the outer receptacle in communication with said valved conduit.

1,646,899. END-GATE FASTENER. FRANK CANTRALL, Wray, Colo. Filed Mar. 8, 1924. Serial No. 697,797. 1 Claim. (Cl. 292-29.)



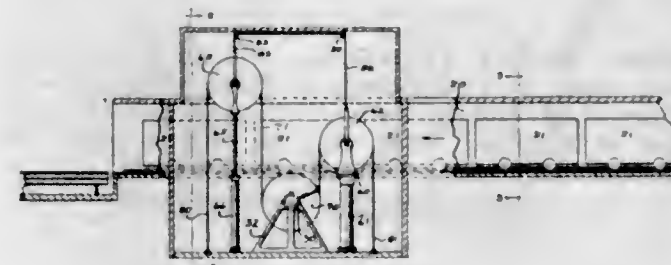
An end gate fastener comprising a pair of rods having hooked outer ends, one of said rods being of greater length than the other one, a pair of angular apertured plates secured on the end gate for supporting the rods thereon, said rods being slidable through the respective apertured plates, a substantially U-shaped member, an internally threaded socket member formed on the crown portion of said U-shaped member, the inner end of the shorter rod being threaded and adapted for detachable engagement with the threaded socket of said aforementioned U-shaped member, a lever pivotally supported intermediate its ends between the terminals of the U-shaped members, the lower end portion of the lever being bifurcated, and pivotally connected to the inner end of the longer rod, the upper end of the lever forming a handle which is U-shaped in transverse section, the inner end of the longer rod and the lower end of said lever being adapted to extend between the arms of the U-shaped member when the U-shaped handle portion of the lever is swung downwardly, and straddles the longer rod.

1,646,900. APPARATUS FOR BRAKING RAILWAY VEHICLES. ARTHUR DE LATHAUWER, Flawinne, Belgium. Filed July 21, 1925, Serial No. 45,053, and in Belgium July 26, 1924. 7 Claims. (Cl. 188-62.)



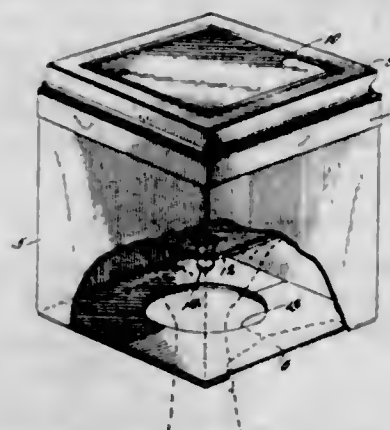
3. Apparatus for braking railway vehicles comprising, in combination with the rails of a railway track, a braking block adapted to travel on said rails and comprising a pair of shoes and a pair of carriages yieldingly connected with said shoes, lateral abutments on said shoes, stationary means for deflecting said carriages from the rails, and stationary braking means arranged on the track beyond said deflecting means and comprising a pair of slides adapted to be moved by the abutments on said shoes, a pair of braking bars mounted for movement towards the rails, a latch for locking said braking bars in operative position and means for releasing said braking bars, said bars, latch and releasing means being controlled by said slides.

1,646,901. MECHANISM FOR PROGRESSING CARS IN KILNS. GEORGE W. DENISON, Bay Village, Ohio. Filed Oct. 7, 1924. Serial No. 742,150. 18 Claims. (Cl. 104-173.)



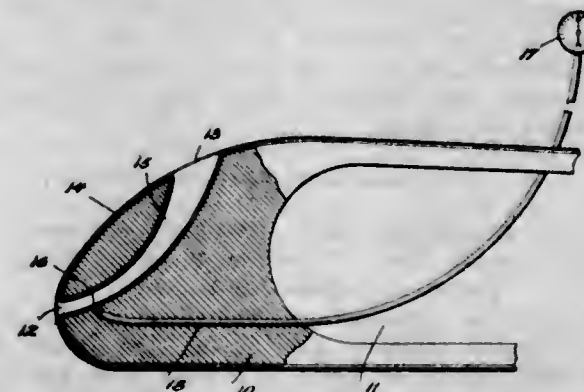
1. In a drying kiln of the car tunnel type, the combination of a reciprocating draw bar extending substantially the length of the tunnel, a plurality of automatically acting members mounted on the draw bar for separately attaching each car of a train of cars in the tunnel to the draw bar when the draw bar is moving in one direction, and actuating means for the draw bar for actuating the draw bar at a greater speed in one direction than in the other of its reciprocatory motion.

1,646,902. DISPLAY BOX. LEO A. DIEBOLD, Stuart, Iowa. Filed Mar. 6, 1926. Serial No. 92,829. 2 Claims. (Cl. 206-44.)



1. A box of the character described, having an apertured bottom designed to permit the insertion of a hand therethrough, a false bottom within said box, and a spur member secured at each corner of the follower upon the under side thereof and projecting beyond the corner for engagement in the adjacent box corner, said spurs being designed to flex downwardly upon pressing the false bottom upwardly in the box and to bite into the box corner to prevent downward movement of the false bottom.

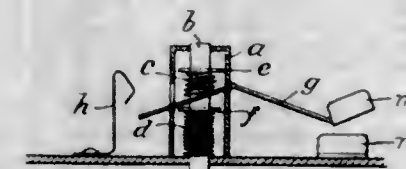
1,646,903. AIR-SPEED INDICATOR. ELISHA N. FALES, Dayton, Ohio. Filed Mar. 2, 1922. Serial No. 540,473. 2 Claims. (Cl. 73-2.)



1. An airspeed indicator, in combination with an aerofol having a pair of apertures therein adjacent the lead-

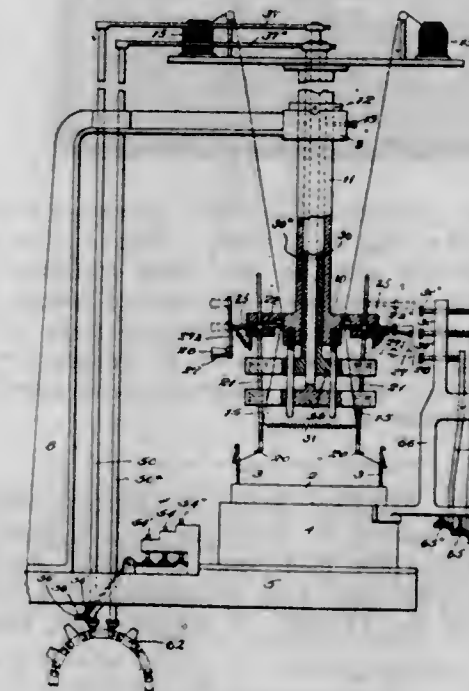
ing edge of the same, a Venturi tube in the aerofol forming an air passage between said apertures and a gauge in communication with the Venturi tube.

1,646,904. AUTOMATIC CIRCUIT BREAKER. GEZA STEPHAN FISCHER, Berlin, Germany. Filed June 23, 1925, Serial No. 39,139, and in Germany Apr. 18, 1925. 1 Claim. (Cl. 200-85.)



An automatic circuit controller of the character described comprising a base plate, spaced contacts thereon, a casing mounted on the base plate and positioned between the contacts and provided with opposed openings in the side walls, a contact lever pivoted to the casing for vertical swinging movement and arranged through the openings therein for cooperating with the contact, a bolt vertically slidable through the casing lever and base plate, and coiled springs arranged above and below the lever and about the bolt and having their upper ends connected to the bolt, the upper spring acting to accelerate the short movement imparted to the pin and the lower spring acting to automatically return the parts to normal position, substantially as and for the purposes set forth.

1,646,905. STRIPING ATTACHMENT FOR CIRCULAR-KNITTING MACHINES. EARL THOMAS FLOYD, near Temple, Pa., assignor to The Nolde and Horst Company, Reading, Pa., a Corporation of Pennsylvania. Filed Apr. 29, 1926. Serial No. 105,596. 7 Claims. (Cl. 66-135.)



1. A vertical striping mechanism for circular knitting machines comprising a striping thread finger having a universal-joint suspension point, and a plurality of finger-operating cams arranged in parallel horizontal planes; said finger having rigid laterally extending carrier means and spaced-apart cam-engaging projections attachable to said carrier means in one or another of the cam planes.

1,646,906. WARP PREVENTION IN BOARDS OR PANELS. EDWARD FREUND, New York, N. Y. Filed Apr. 19, 1926. Serial No. 103,047. 4 Claims. (Cl. 20-91.)



1. The method of preventing warping of boards or panels, consisting in grooving the board, inserting perforated metal strips edgewise in such grooves, gouging the board adjacent to the perforations in the metal strip, and pinning the strips in position by pins driven normal to the broad-sides of the strips.

1,646,907. ART OF PRODUCING ORNAMENTAL EFFECTS ON WOOD, GLASS, ETC. EDWARD FREUND, Long Beach, N. Y. Filed Aug. 3, 1926. Serial No. 126,906. 10 Claims. (Cl. 41-38.)



1. A method of ornamenting wood, consisting in coating the surface with a coat of oil stain or paint of the desired color and allowing same to dry, then applying to the painted surface over the area of a desired design a solution containing an oil which softens the stain or paint, then removing the softened paint by rubbing with an absorbent material, and then applying one or more finishing coats of varnish or shellac.

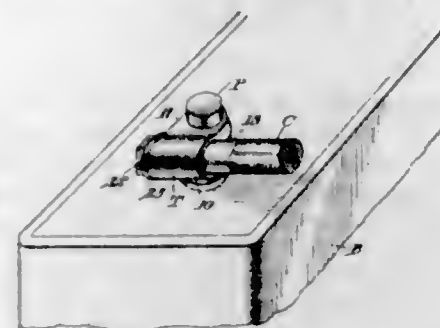
1,646,908. PULLEY FOR BALANCED WINDOW SASHES. ABRAHAM W. GOLDMAN, Los Angeles, Calif. Original application filed Jan. 19, 1926, Serial No. 82,201. Divided and this application filed Oct. 20, 1926. Serial No. 142,918. 4 Claims. (Cl. 16-210.)



2. A pulley for use in windows or the like having a housing formed of sheet metal, the housing being flat on one side and having two inwardly bent ends on the

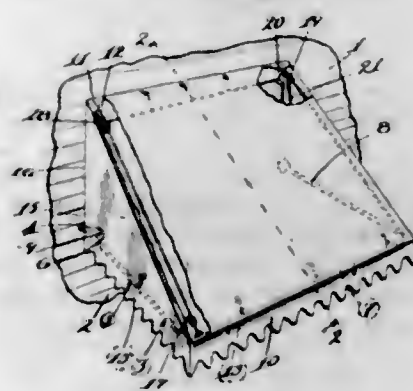
other side forming a central abutting brace and partition against the opposite side, a pair of roller pulleys mounted on screws, the said screws extending through both sides of the housing on each side of the central brace.

1,646,909. CLAMP TERMINAL. WALTER E. GOSSLING, New York, N. Y., assignor, by mesne assignments, to Prest-O-Lite Storage Battery Corporation, a Corporation of Indiana. Filed July 30, 1920. Serial No. 400,010. 12 Claims. (Cl. 173-259.)



1. A clamp terminal for coupling a conductor to a terminal post comprising, in combination, a hollow or barrel portion adapted and arranged to receive a portion of a conductor, a pair of separated members connected to and extending laterally from said barrel portion and adapted to fit freely about a terminal post, and means comprising a tapering adjustable member projecting into said barrel portion and cooperating with such laterally-extending members on the barrel portion to firmly secure said clamp terminal to the terminal post to which it has been applied.

1,646,910. WINDOW AWNING. HOVNER GREENSPOON, Los Angeles, Calif. Filed Sept. 15, 1926. Serial No. 135,690. 4 Claims. (Cl. 150-15.)

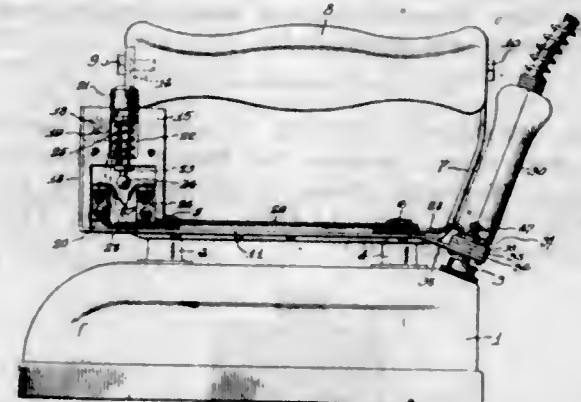


1. A window awning having a fabric roof structure, a first set of fastening devices secured to the upper edge and the underside of said roof structure, means to secure said fastening devices to a building above a window, a second set of fastening devices secured to the lower part of the roof structure on the underside, a frame connected to the building, and means to attach the second fastening devices to the frame.

1,646,911. ELECTRIC-IRON SWITCH. FRANK H. HANLEY, Detroit, Mich. Filed Feb. 9, 1923. Serial No. 617,916. 1 Claim. (Cl. 200-159.)

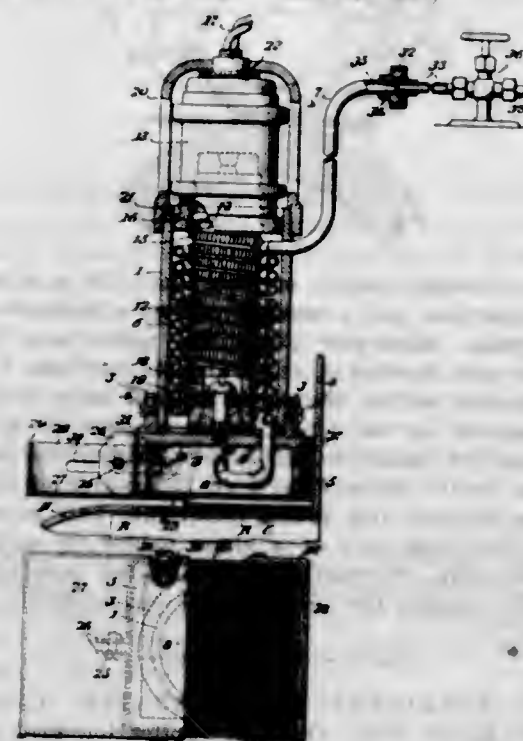
A push button construction comprising opposed block sections secured together and having the confronting faces of said sections cut away to provide outer and inner communicating recesses with the outer recess cylindrical to afford guide walls and the inner recess substantially rectangular, a spring distended circumferentially grooved plunger slidable in the outer cylindrical guide recess and

extending into the inner rectangular recess, contact members in the inner recess adapted to be engaged by said plunger and a set screw in one of said block sections



extending at a right angle to said plunger and adapted to secure said plunger in engagement with said contact members.

1,646,912. STEAM GENERATING AND DISCHARGING DEVICE. ERNEST E. HODSDON, Nutley, N. J. Original application filed Nov. 27, 1925, Serial No. 71,719. Divided and this application filed Aug. 6, 1926. Serial No. 127,614. 8 Claims. (Cl. 219-38.)

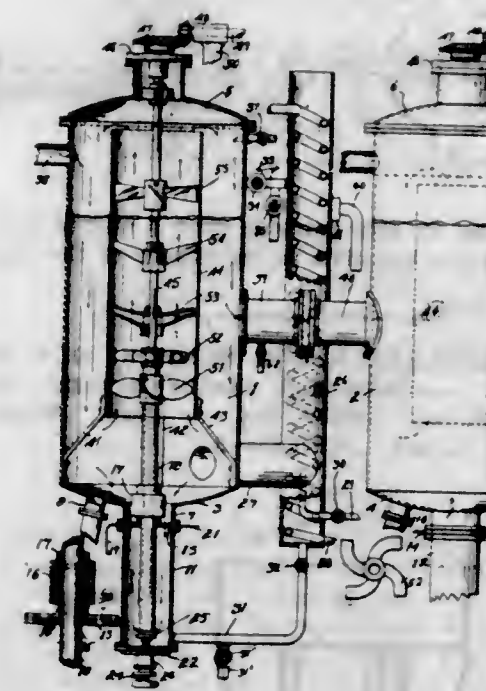


1. A steam generating and discharging unit comprising a tubular shell; a plate mounted upon one end of said shell and forming a closure wall for it; means forming a discharge nozzle directed outwardly from said plate; an electric socket member mounted to close the opposite end of said shell; an insulation plug connected to said socket member and extending inwardly through the shell; an electric heating coil wound upon said plug; and a coiled water pipe encircling said plug and coil within the shell and formed with a discharge end extending outwardly from the shell into the nozzle and directed toward the outer face of the said plate therein, the plate, the shell and the socket member defining a heating chamber, whereby steam will be generated within the coiled pipe and the plate will be heated to receive the steam as it is discharged from the pipe and heat it before it leaves the nozzle.

1,646,913. APPARATUS FOR MIXING FLUIDS OF DIFFERENT DENSITIES. FRED JOST, San Francisco, Calif. Filed Nov. 19, 1923, Serial No. 675,586. Renewed Apr. 11, 1927. 4 Claims. (Cl. 259-97.)

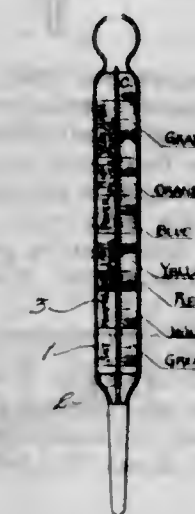
1. In a mixing apparatus, the combination with a fluid receptacle, of supply and discharge pipes connected thereto, a cylindrical shell within the receptacle, rotary agita-

tors within said shell, means connected with said agitators for drawing liquid from the bottom of the receptacle upwardly and discharging it into said shell the shell



being spaced from the bottom of the receptacle whereby liquid may be moved therethrough from two different levels and a valve to regulate the quantity of liquid supplied to the agitators from the bottom of the receptacle.

1,646,914. CLINICAL THERMOMETER AND METHOD OF MANUFACTURE OF SAME. KOSUKE KASHIWAGI, Yamaguchi, Japan. Filed Sept. 25, 1924, Serial No. 739,883, and in Japan Feb. 19, 1924. 1 Claim. (Cl. 73-52.)



A method for manufacturing a clinical thermometer, comprising, preparing a number of scale plates having slightly differing lengths for a unit range of temperature, each scale plate being graduated longitudinally and each division being colored with a color different from that of any adjacent division, and attaching an appropriate scale plate selected from the units, to the body of a partly completed thermometer.

1,646,915. MACHINE FOR RECLAIMING PISTON PACKING. JOHN C. KELLY, Huntington, Ind., assignor of one-half to Geo. E. Lund, Huntington, Ind. Filed June 18, 1926. Serial No. 116,889. 5 Claims. (Cl. 90-24.)

1. In a machine for reclaiming metallic ring packing the combination with a support, of means for adjustably

1,646,906. WARP PREVENTION IN BOARDS OR PANELS. EDWARD FREUND, New York, N. Y. Filed Apr. 19, 1926. Serial No. 103,047. 4 Claims. (Cl. 20-91.)



1. The method of preventing warping of boards or panels, consisting in grooving the board, inserting perforated metal strips edgewise in such grooves, gouging the board adjacent to the perforations in the metal strip, and pinning the strips in position by pins driven normal to the broad-sides of the strips.

1,646,907. ART OF PRODUCING ORNAMENTAL EFFECTS ON WOOD, GLASS, ETC. EDWARD FREUND, Long Beach, N. Y. Filed Aug. 3, 1926. Serial No. 126,906. 10 Claims. (Cl. 41-38.)



1. A method of ornamenting wood, consisting in coating the surface with a coat of oil stain or paint of the desired color and allowing same to dry, then applying to the painted surface over the area of a desired design a solution containing an oil which softens the stain or paint, then removing the softened paint by rubbing with an absorbent material, and then applying one or more finishing coats of varnish or shellac.

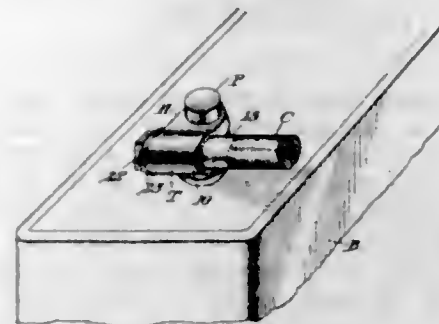
1,646,908. PULLEY FOR BALANCED WINDOW SASHES. ABRAHAM W. GOLDMAN, Los Angeles, Calif. Original application filed Jan. 19, 1926, Serial No. 82,201. Divided and this application filed Oct. 20, 1926. Serial No. 142,918. 4 Claims. (Cl. 16-210.)



2. A pulley for use in windows or the like having a housing formed of sheet metal, the housing being flat on one side and having two inwardly bent ends on the

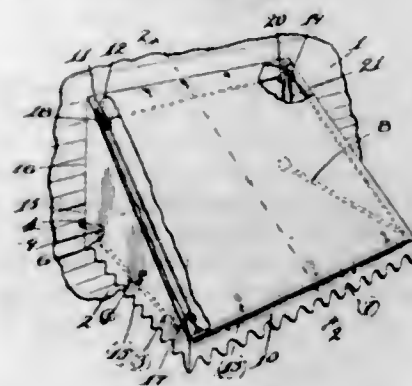
other side forming a central abutting brace and partition against the opposite side, a pair of roller pulleys mounted on screws, the said screws extending through both sides of the housing on each side of the central brace.

1,646,909. CLAMP TERMINAL. WALTER E. GOSSLING, New York, N. Y., assignor, by mesne assignments, to Prest-O-Lite Storage Battery Corporation, a Corporation of Indiana. Filed July 30, 1920. Serial No. 400,010. 12 Claims. (Cl. 173-259.)



1. A clamp terminal for coupling a conductor to a terminal post comprising, in combination, a hollow or barrel portion adapted and arranged to receive a portion of a conductor, a pair of separated members connected to and extending laterally from said barrel portion and adapted to fit freely about a terminal post, and means comprising a tapering adjustable member projecting into said barrel portion and cooperating with such laterally-extending members on the barrel portion to firmly secure said clamp terminal to the terminal post to which it has been applied.

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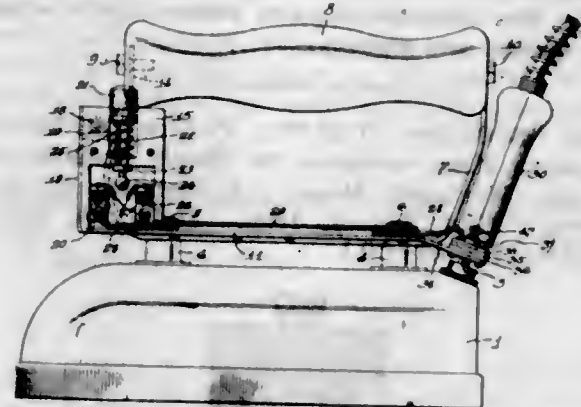


1. A window awning having a fabric roof structure, a first set of fastening devices secured to the upper edge and the underside of said roof structure, means to secure said fastening devices to a building above a window, a second set of fastening devices secured to the lower part of the roof structure on the underside, a frame connected to the building, and means to attach the second fastening devices to the frame.

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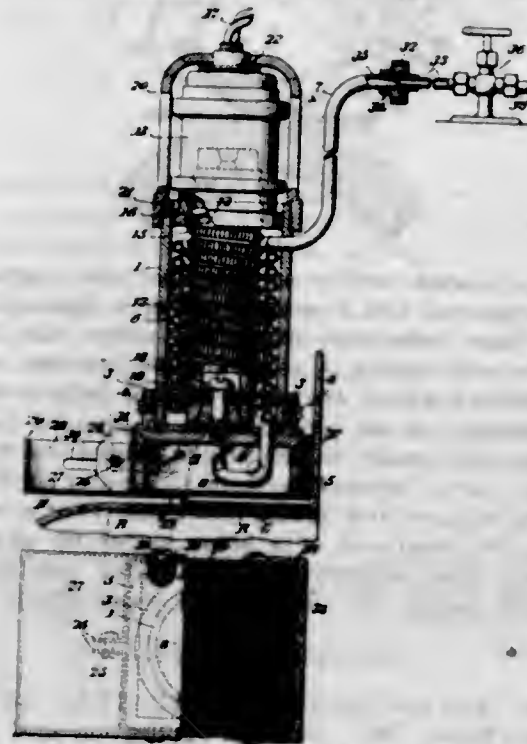
A push button construction comprising opposed block sections secured together and having the confronting faces of said sections cut away to provide outer and inner communicating recesses with the outer recess cylindrical to afford guide walls and the inner recess substantially rectangular, a spring distended circumferentially grooved plunger slidable in the outer cylindrical guide recess and

extending into the inner rectangular recess, contact members in the inner recess adapted to be engaged by said plunger and a set screw in one of said block sections



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1,646,912. STEAM GENERATING AND DISCHARGING DEVICE. ERNEST E. HODSHON, Nutley, N. J. Original application filed Nov. 27, 1925. Serial No. 71,719. Divided and this application filed Aug. 6, 1926. Serial No. 127,614. 8 Claims. (Cl. 219-38.)

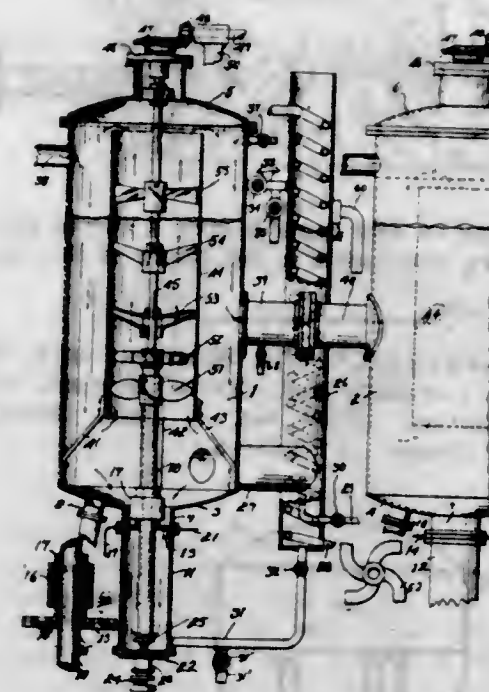


1. A steam generating and discharging unit comprising a tubular shell; a plate mounted upon one end of said shell and forming a closure wall for it; means forming a discharge nozzle directed outwardly from said plate; an electric socket member mounted to close the opposite end of said shell; an insulation plug connected to said socket member and extending inwardly through the shell; an electric heating coil wound upon said plug; and a coiled water pipe encircling said plug and coil within the shell and formed with a discharge end extending outwardly from the shell into the nozzle and directed toward the outer face of the said plate therein, the plate, the shell and the socket member defining a heating chamber, whereby steam will be generated within the coiled pipe and the plate will be heated to receive the steam as it is discharged from the pipe and heat it before it leaves the nozzle.

1,646,913. APPARATUS FOR MIXING FLUIDS OF DIFFERENT DENSITIES. FRED JOST, San Francisco, Calif. Filed Nov. 19, 1923. Serial No. 675,586. Renewed Apr. 11, 1927. 4 Claims. (Cl. 259-97.)

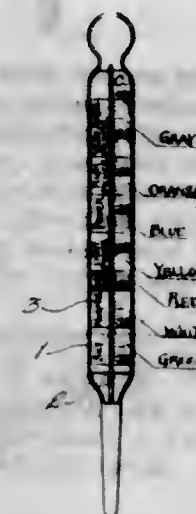
1. In a mixing apparatus, the combination with a fluid receptacle, of supply and discharge pipes connected thereto, a cylindrical shell within the receptacle, rotary agita-

tors within said shell, means connected with said agitators for drawing liquid from the bottom of the receptacle upwardly and discharging it into said shell the shell



being spaced from the bottom of the receptacle whereby liquid may be moved therethrough from two different levels and a valve to regulate the quantity of liquid supplied to the agitators from the bottom of the receptacle.

1,646,914. CLINICAL THERMOMETER AND METHOD OF MANUFACTURE OF SAME. KOSUKE KASHIWAGI, Yamaguchi, Japan. Filed Sept. 25, 1924. Serial No. 739,883, and in Japan Feb. 19, 1924. 1 Claim. (Cl. 73-52.)

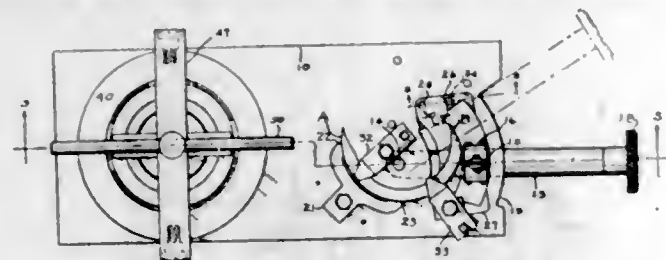


A method for manufacturing a clinical thermometer, comprising, preparing a number of scale plates having slightly differing lengths for a unit range of temperature, each scale plate being graduated longitudinally and each division being colored with a color different from that of any adjacent division, and attaching an appropriate scale plate selected from the units, to the body of a partly completed thermometer.

1,646,915. MACHINE FOR RECLAIMING PISTON PACKING. JOHN C. KELLY, Huntington, Ind., assignor of one-half to Geo. E. Lund, Huntington, Ind. Filed June 18, 1926. Serial No. 116,889. 5 Claims. (Cl. 90-24.)

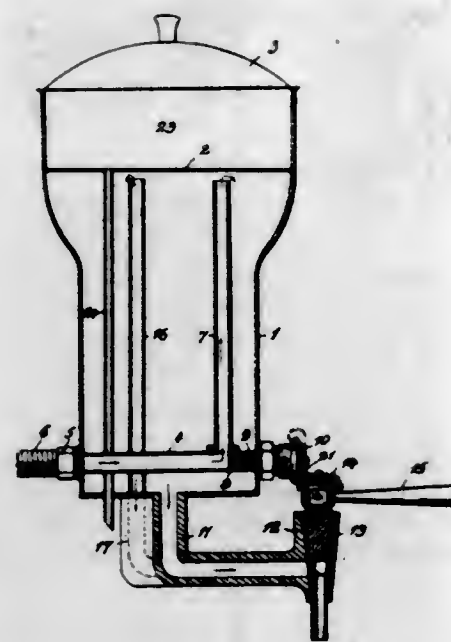
1. In a machine for reclaiming metallic ring packing the combination with a support, of means for adjustably

positioning a section of ring packing upon the support, other means for cutting the ring, said last mentioned



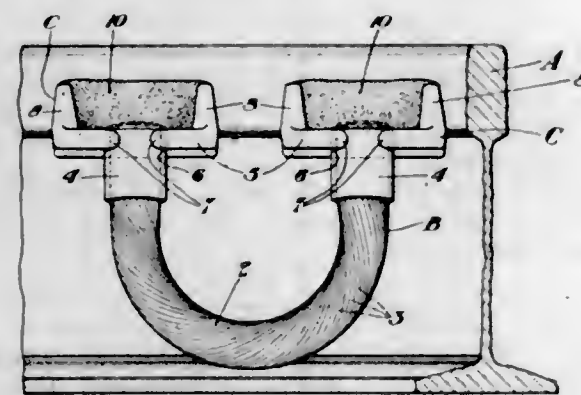
means including an arm operable upon a curved path the center of which is eccentric to the center of the ring section.

1,646,916. APPARATUS FOR SERVING OUT BEER. GAUDENCIO LAMARQUE and CAMILO RECUERO, Buenos Aires, Argentina. Filed Oct. 8, 1926. Serial No. 140,351. 2 Claims. (Cl. 225-8.)



1. Apparatus for serving out beer with or without foam, characterized by a container having an inlet for the liquid, a shutoff valve therefor, individual discharge tubes for the liquid and for the foam each controlled by a cock or discharge valve one of which is provided with a handle for operation of the device, both cocks being in relation with each other through intermeshing gears which simultaneously controls the inlet of the liquid into the container.

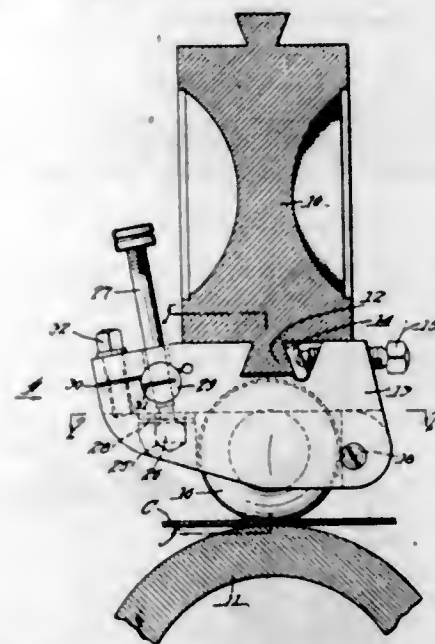
1,646,917. RAIL BOND. CHARLES L. LARSON, Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey, a Corporation of New Jersey. Filed Nov. 19, 1926. Serial No. 149,387. 2 Claims. (Cl. 173-278.)



1. A rail bond adapted to be attached to the rails to be bonded by arc-welding, comprising a flexible conductor, and steel terminal portions on each end of said conductor,

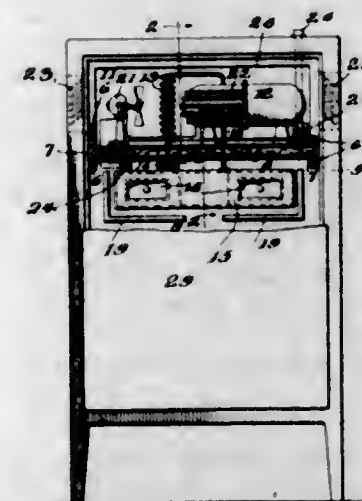
said terminal portions comprising a shelf portion extending in a plane at right angles to the axis of the conductor, and integral triangular-shaped end walls extending upwardly from said shelf, said end walls having their side faces rounded so as to deflect objects striking endwise against said terminals.

1,646,918. SCORING CUTTER. CHARLES S. LENSTON, Worcester, Mass., assignor to Hobbs Manufacturing Company, Worcester, Mass., a Corporation of Massachusetts. Filed Nov. 8, 1926. Serial No. 146,946. 6 Claims. (Cl. 92-70.)



1. In a scoring device or the like, the combination with a cutter bar and a scoring roll at a distance below it, of a body adjustable along the under side of the cutter bar and having a recess in its bottom, a blade holder mounted within the recess in said body, a circular cutter mounted on the blade holder to turn on a transverse axis, the blade holder being pivoted on an axis behind the cutter midway between the center of the cutter in its highest and lowest positions, and means for adjusting the front end of a blade holder up and down about said axis, whereby in all adjusted positions the cutter will engage the scoring roll substantially at its top.

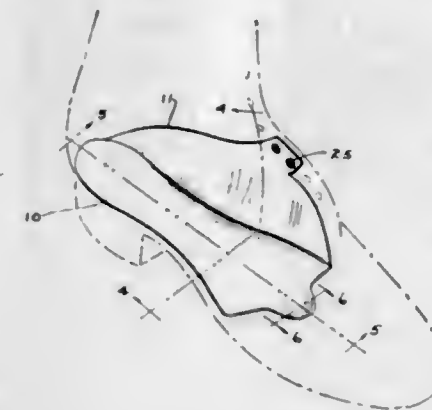
1,646,919. REFRIGERATING APPARATUS. CARL E. L. LIPMAN, Beloit, Wis. Original application filed Mar. 6, 1926. Serial No. 92,704. Divided and this application filed Aug. 5, 1927. Serial No. 210,943. 8 Claims. (Cl. 62-3.)



1. In a refrigerating apparatus the combination of a cabinet, a partition wall of heat insulating material removably disposed in said cabinet, a refrigerating device

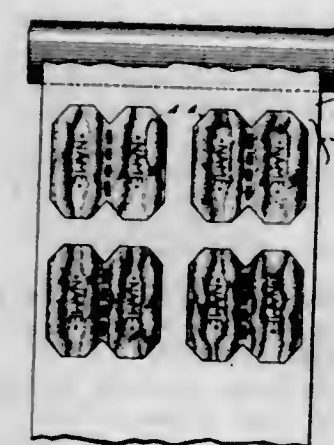
carried by and removable with said wall, the apparatus comprising the high pressure side of the device being disposed at one side of said wall and the apparatus comprising the low pressure side of the device being disposed at the opposite side of said wall, and an electric circuit connected with the apparatus for driving the same including a connection closed by the insertion of said removable wall into place and broken by the removal of said wall.

1,646,920. ARCH SUPPORT. DANIEL LIVIGNANO, Cleveland, Ohio. Filed Mar. 4, 1926. Serial No. 92,146. 1 Claim. (Cl. 36-71.)



A removable arch support adapted to lie within a shoe and correspond therewith, comprising a sole member and an ankle member merging with one edge of the sole member by a gradual curve, the ankle member having adjacent its upper end a comparatively narrow upwardly extending tongue, a comparatively small number of eyelets in said tongue adapted to register with shoe eyelets, the portion of the ankle member in front of the tongue clearing the shoe eyelets, and a pocket formed on the underside of the sole member and containing a removable filler.

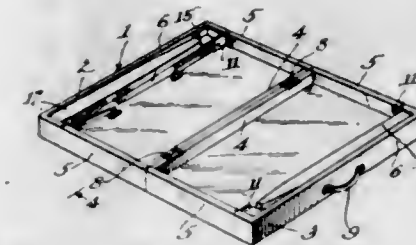
1,646,921. FOOD PRODUCT. KENNETH D. LOOSE, Bronxville, N. Y., assignor to Loose Wiles Biscuit Company, Long Island City, N. Y., a Corporation of New York. Filed Sept. 24, 1926. Serial No. 137,571. 1 Claim. (Cl. 99-11.)



As an article of commercial food, a unitary, thin cracker or biscuit cut or stamped out in the direction of the grain of the dough and having a name or other legend impressed therein in the direction of the grain of the dough, whereby such food product is characterized by the presence of air pockets of relatively great length

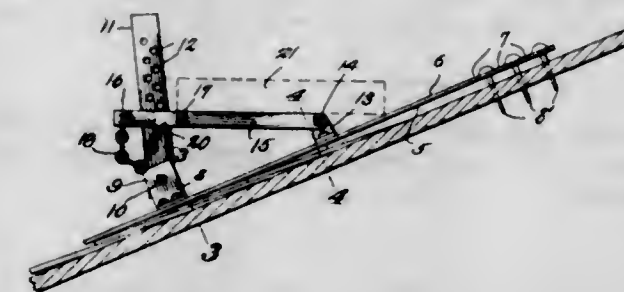
extending in the direction of such name or legend and between the same and the edges of the cracker parallel to such name, whereby the food product is markedly rendered light and fluffy.

1,646,922. COMBINED TABLE AND CAMP KIT. NEIL G. MACKINNON, Los Angeles, Calif. Filed Sept. 7, 1926. Serial No. 133,894. 1 Claim. (Cl. 45-116.)



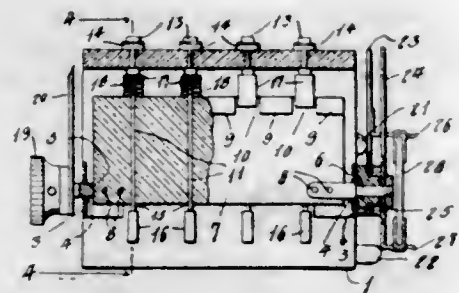
A combined table and camp kit comprising in combination a case having two similar parts, each part having a base wall, opposite end walls, a top wall, with a side connecting said walls, the base walls being hinged together and the sides adapted to form a table top when the case is opened to its full extent, a bracket secured in the corners of each part adjacent the top wall and the two end walls of such part, each bracket having a base section with a rib extending at right angles to said section, said rib being formed by a reverse bend, each bracket having a right angle corner bend and an end parallel to the rib, the base being secured to the end wall and the end to the top wall of each part, a pivot pin extending through each bracket between the rib and the said end, a leg pivotally connected to each pivot pin, one of the legs in each part being pivoted closer to the side forming the table top than the other leg to allow folding of one leg over the other when housed, and means to brace the legs when unfolded and the case open to form a table.

1,646,923. SHINGLE-SCAFFOLD BRACKET. WILLIAM E. MARTENS, Wheatland, Iowa. Filed Apr. 7, 1926. Serial No. 100,379. 1 Claim. (Cl. 304-20.)



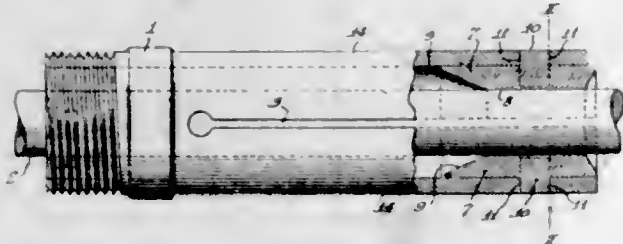
A roof ladder bracket embodying an elongated base plate having a substantially wide portion and a contracted portion, upstanding ears secured to the base plate and arranged in spaced relation with each other, upstanding ears secured to the base plate at a point adjacent to the contracted portion, a bar pivotally supported between the first mentioned ears and having a plurality of openings formed therein, spaced arms secured to the second mentioned ears, a spacer supported between the arms at the free ends thereof, a spacer supported between the arms and disposed an appreciable distance from the first mentioned spacer to provide a clearance for the pivoted bar, a removable pin carried by the arms and adapted to be positioned in the openings under the arms to support the arms in a horizontal position, and means for securing the base plate to a roof.

1,646,924. ELECTRIC SWITCH. FREDERICK M. MAUK, Prescott, Ariz. Filed July 29, 1926. Serial No. 125,731. 5 Claims. (Cl. 200-9.)



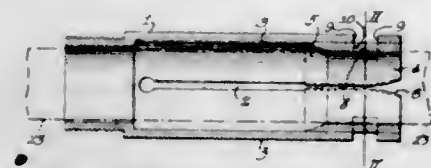
1. A switch comprising a base, contacts carried by the base, blades, means movably supporting the blades from the base, means insulating the blades, and an instrument supporting clips carried by the blades.

1,646,925. FEED COLLET. ERNEST E. MINARD, Detroit, Mich. Filed Apr. 13, 1925. Serial No. 22,749. 6 Claims. (Cl. 29-62.)



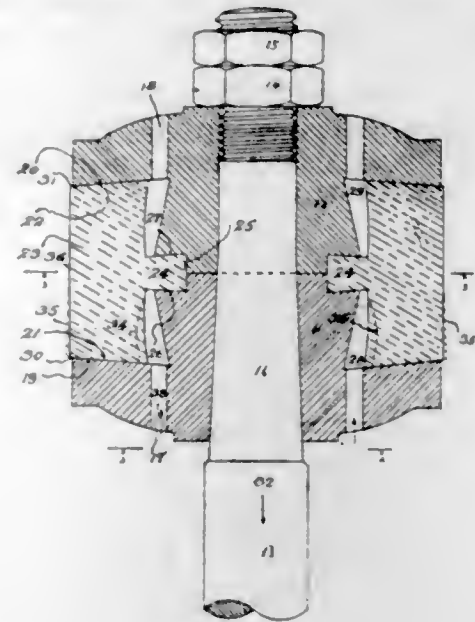
1. A feed collet having opposed resilient fingers formed with slots, and pads between said fingers and backed up against outward radial movement by the finger walls, said pads being formed with transverse abrupt shoulder portions for engagement with side walls of said finger slots.

1,646,926. COLLET. ERNEST E. MINARD, Detroit, Mich. Filed Feb. 23, 1926. Serial No. 89,919. 4 Claims. (Cl. 29-67.)



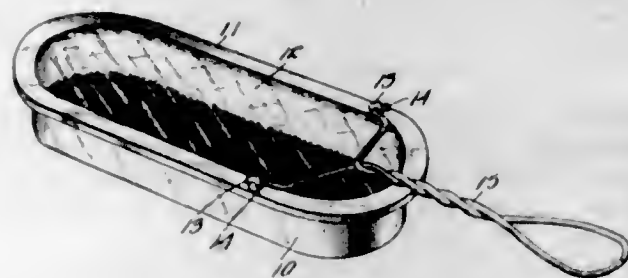
1. A feed collet comprising fingers, pads, a connection between said fingers and pads, said connection being formed by portions having a configuration which prevents longitudinal and turning movement of said pads relative to said fingers and permits radial shifting of said pads towards each other at opposite sides of the axis of said collet without said pads becoming disconnected from said fingers.

1,646,927. SLUSH-PUMP PISTON. HERBERT B. MOORE, Los Angeles, Calif., assignor of one-half to Eldon L. Felch, Los Angeles, Calif. Filed Dec. 18, 1924. Serial No. 756,715. 11 Claims. (Cl. 74-108.)



1. A pump piston comprising a body; a follower; and a single packing sleeve therebetween provided with outwardly convergent lateral surfaces and with means for admitting fluid pressure alternately beneath the respective peripheral edges thereof one at a time.

1,646,928. LEAK DETECTOR. DAVID W. OHAYER, Rockville, Ind. Filed Sept. 4, 1926. Serial No. 133,600. 2 Claims. (Cl. 73-51.)

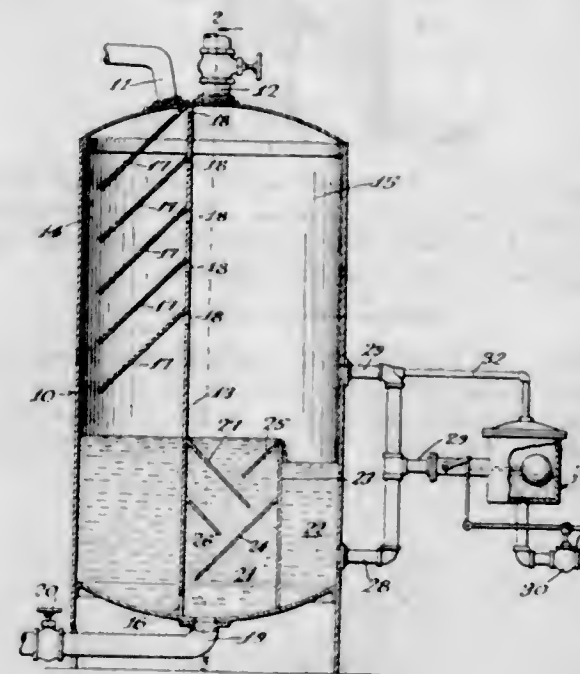


1. A leak detector comprising an elongated sheet metal ring-like body having a rim around its upper portion, a transparent cover for said body retained by said rim, the bottom portion of said body extending inwardly forming a flange, a reticulated screen secured on said flange, and non-moisture absorbing light-weight particles in said body, substantially as set forth.

1,646,929. CRACKING STILL. ARTHUR A. PHELAN, Los Angeles, Calif. Filed Nov. 1, 1926. Serial No. 145,521. 6 Claims. (Cl. 196-111.)

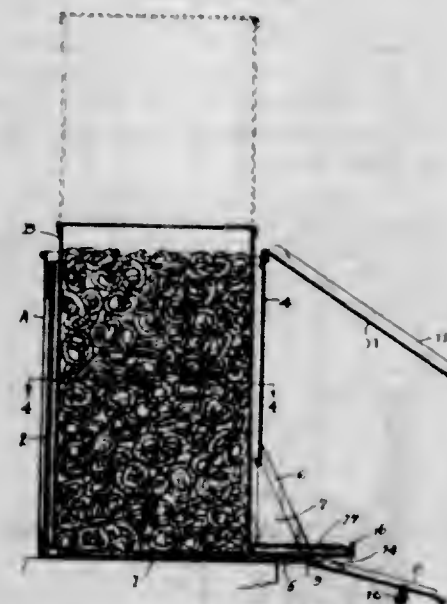
1. In an apparatus of the character described the combination of a closed tank having a heated liquid inlet at the top, a vapor outlet at the top, a vertical partition extending from the top and between the liquid inlet and vapor outlet to the bottom of the tank dividing said tank into a liquid receiving chamber and a vapor outlet chamber respectively, an opening in the lower part of said partition affording communication between the liquid receiving chamber and the vapor outlet chamber, a series of downwardly inclined baffle plates in the liquid receiving chamber extending from said partition, the outer ends of said baffle plates being spaced from the walls of the

tank, vapor openings in the partition immediately below said baffle plates, a valve controlled carbon outlet at the bottom of the tank, a short vertical partition in the vapor outlet chamber extending upwardly from the bottom of the tank and dividing the lower part thereof into a



carbon precipitation compartment and an overflow compartment respectively, a series of downwardly inclined and oppositely arranged baffle plates in said carbon precipitation compartment, a liquid outlet from the overflow compartment and a liquid level valve controlling said liquid outlet.

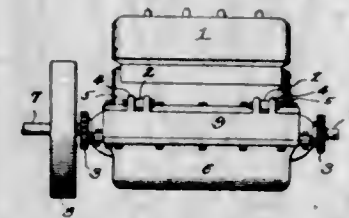
1,646,930. FOOD CARRYING AND DISPENSING MEANS. CHARLES V. PIKE, Cleveland, Ohio, assignor of one-half to Harry A. Orr, Cleveland, Ohio. Filed Dec. 21, 1925. Serial No. 76,709. 3 Claims. (Cl. 221-146.)



1. The method of carrying food articles of the class described and replenishing a display and dispensing cabinet having a solid base and a lateral dispensing opening adjacent said base, which comprises placing the food articles in prearranged substantially abutting relative position to each other in a container arranged to be closely telescoped into said cabinet, carrying said container to said cabinet, telescoping said container substantially completely into said cabinet, and subsequently

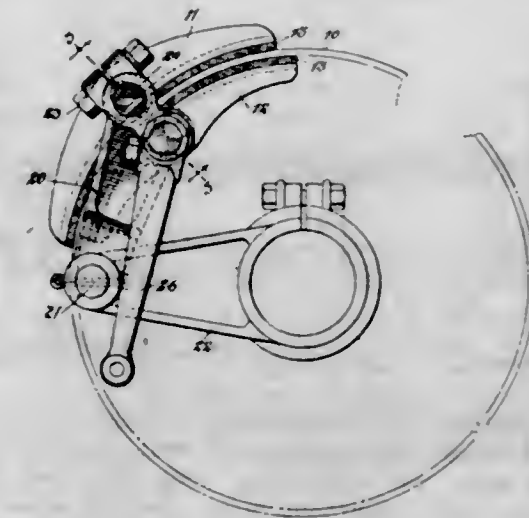
transferring said food articles into said cabinet while maintaining said food articles in substantially the same relative position to each other as in said container by removing said container outwardly of said cabinet.

1,646,931. EXTENDED HINGED ENGINE FRAME. IVAN CHANCE ROBINSON, Ferguson, Mo. Filed Jan. 30, 1925. Serial No. 5,835. 1 Claim. (Cl. 123-195.)



An internal combustion engine having a crank-case crank-shaft, and crank-shaft bearings, said crank-case extending beyond all of the said bearings and provided with hinges, a cylinder block mounted to swing about said hinges, said cylinder block being provided with intake and exhaust ports, a stationary support for the engine intake and exhaust manifolds, the intake and exhaust manifolds being adapted to register with the said cylinder ports when the cylinder block is in position for engine operation.

1,646,932. WHEEL BRAKE. RALPH H. ROSENBERG, Syracuse, N. Y., assignor to American Cable Company, Inc. Filed Jan. 27, 1925. Serial No. 4,988. 21 Claims. (Cl. 188-76.)

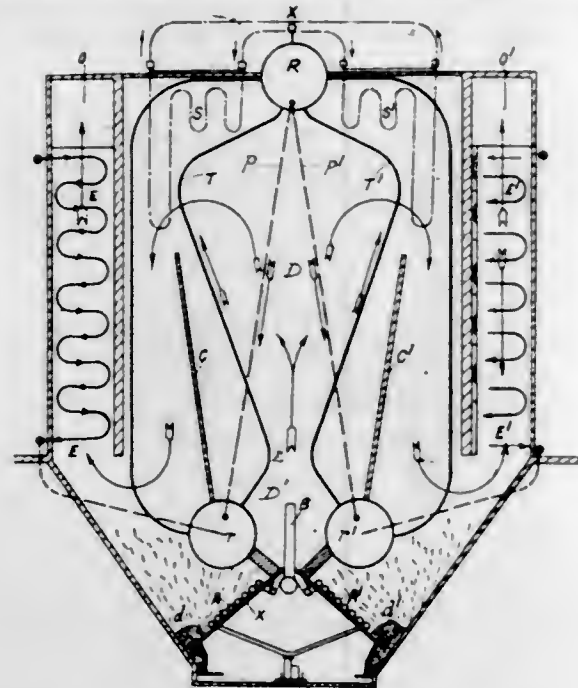


1. The combination with a rotor of a member having a portion freely movable in a direction at an angle to the surface of the rotor, a pair of brake shoes carried by said member upon opposite sides of the rotor, and means for moving one only of the shoes with respect to the member toward the other to apply both brake shoes.

1,646,933. WATER-TUBE BOILER. CHARLES LOUIS ROSZAK, Paris, France, assignor to The Babcock & Wilcox Company, New York, N. Y. Filed July 21, 1927. Serial No. 207,517, and in France July 19, 1926. 2 Claims. (Cl. 122-327.)

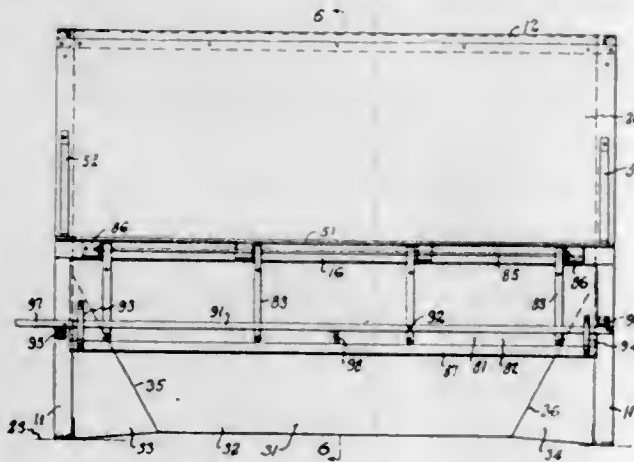
1. In a water tube boiler, an upper drum, a plurality of spaced lower drums, banks of tubes connecting said upper drum to said lower drums, and forming a combustion space therebetween, the innermost row of tubes on opposite sides of said combustion space having the lower

portion bent towards each other to a distance less than the distance between said lower drums to form a con-



stricted passage, and an upper portion bent away from each other, and a burner located below the point where said tubes approach each other nearest.

1,646,934. KNOCKING PEN. OSCAR C. SCHMIDT, Cincinnati, Ohio, assignor to The Cincinnati Butchers' Supply Company, Cincinnati, Ohio, a Corporation of Ohio. Filed Aug. 15, 1927. Serial No. 213,158. 4 Claims. (Cl. 17-1.)

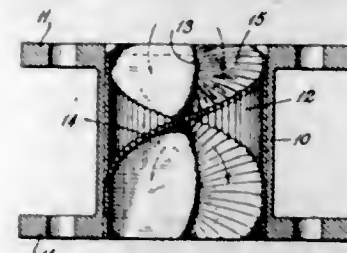


1. A knocking pen comprising a frame built up of fabricated flanged bars and metal sheets, said frame comprising a front wall and a rear wall, the lower portion of said rear wall comprising metal sheeting whose upper edge is substantially in the plane of said rear wall and which slopes downwardly and forwardly toward said front wall of said frame and has end portions which slope oppositely endwise outwardly and rearwardly toward the plane of said rear wall along bends at the ends of said downwardly and forwardly sloping portion of said rear sheeting, which bends converge downwardly, the rear margins of said end portions fixed to the rear of said frame, and an operator's platform along the front of said front wall, the lower portion of said front wall provided with a discharge opening opposite said downwardly and forwardly sloping portion of said sheeting for discharge of the knocked animal.

1,646,935. FUEL-MIXING DEVICE FOR INTERNAL-COMBUSTION ENGINES. OTTO SELG, New York, N. Y. Filed Apr. 6, 1926. Serial No. 100,045. 2 Claims. (Cl. 48-180.)

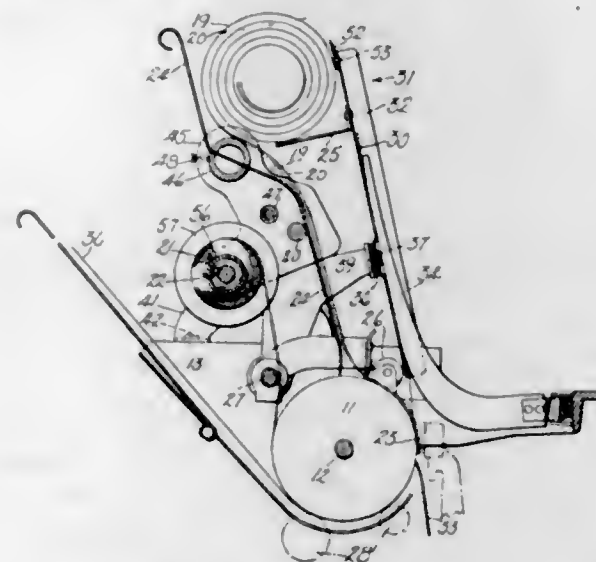
1. A fuel mixing device for internal combustion engines comprising a tubular section arranged to be fitted in the

connection between a carburetor and an intake manifold and having its interior surface fluted in a lengthwise direction and a helical device having a serrated peripheral



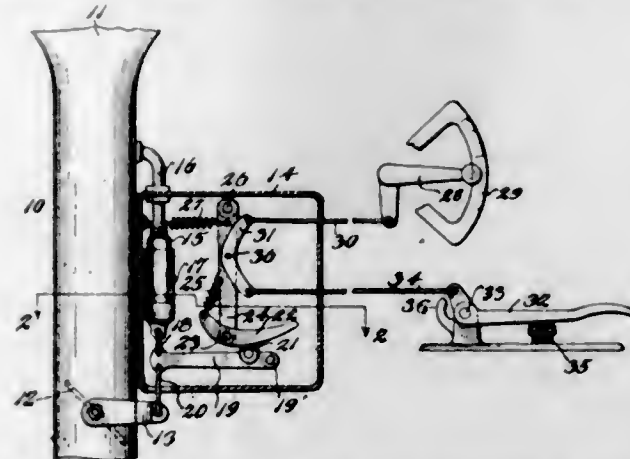
edge fitted into said fluted surface and being provided with roughened surfaces against which the fuel mixture impacts and whereby it is spirally diverted into impacting engagement with said fluted surface.

1,646,936. TYPEWRITING MACHINE. JESSE A. B. SMITH, Stamford, Conn., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed Dec. 11, 1925. Serial No. 74,668. 10 Claims. (Cl. 197-132.)



1. In a typewriting machine, in combination, a platen, releasable feed rolls for feeding a work-sheet and a wider continuous tally strip therearound, auxiliary feed rolls for holding the tally-strip while inserting the work-sheet in front thereof, and means for conducting the tally strip in a flat condition, at the delivery side of the platen, up to a suitable housing to permit the natural re-coiling of the tally strip.

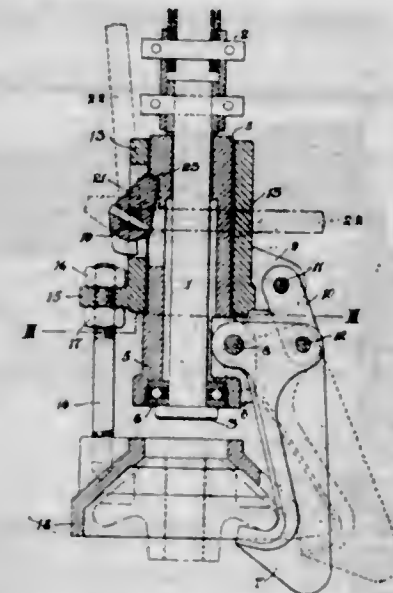
1,646,937. AUTOMATIC THROTTLE CONTROL. WALTER J. SPIRO, White Plains, N. Y. Filed Oct. 7, 1926. Serial No. 140,152. 15 Claims. (Cl. 137-153.)



5. An automatic throttle control comprising a cylinder communicating with an engine intake manifold, a plunger cooperating with said cylinder and having a valve op-

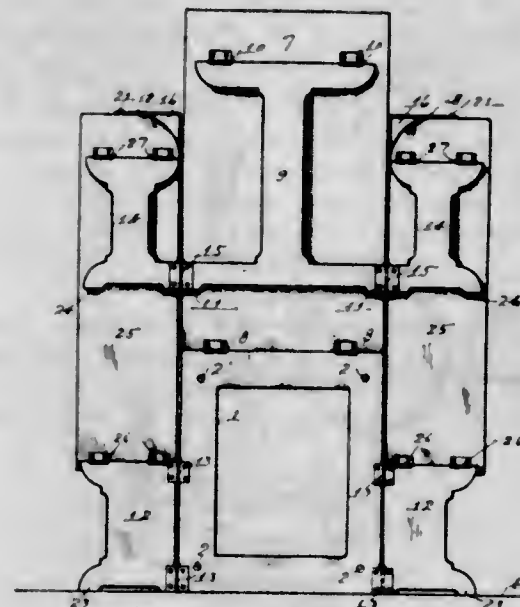
erating connection, an actuating member secured to said connection, a tensioned arm engaging said member, and means for varying the position of said arm relative to said member to change the tension thereon.

1,646,938. LIFTING GRAB AND THE LIKE. GEORGE WILLIAM STEIGER, Jamaica, N. Y. Filed Jan. 5, 1927. Serial No. 159,091. 7 Claims. (Cl. 294-106.)



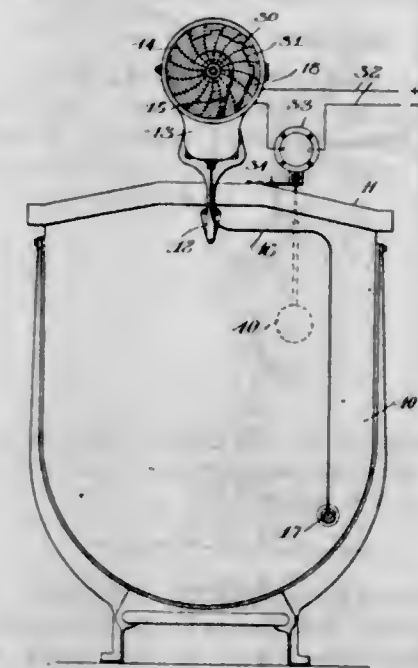
1. A lifting grab comprising a shaft, a projection on the lower end of said shaft, means supported on said projection adapted to permit the rotation of said grab, an inner sleeve member supported on said rotating means, claw attachments secured to said inner sleeve member and means for bringing said claws into engagement or disengagement with the article to be lifted.

1,646,939. COMBINED TABLE AND SEAT STRUCTURE. JOHN E. SMOKE, Grand Rapids, Mich. Filed Nov. 13, 1926. Serial No. 148,215. 11 Claims. (Cl. 45-51.)



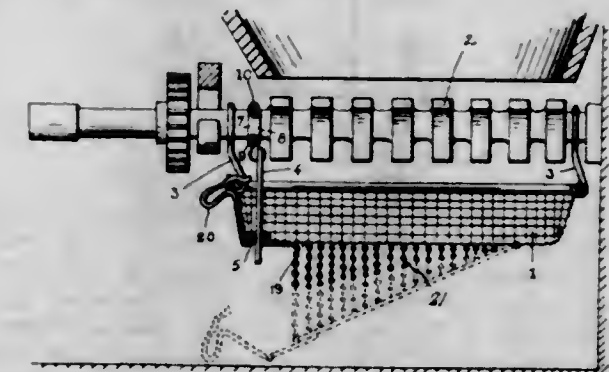
1. In a structure of the character described: a support; a table top mounted adjacent one end on the support swingably about a horizontal axis to horizontal and vertical positions, and having a leg mounted adjacent the other end of the table top swingably about a horizontal axis; a seat-supporting member mounted on said support swingably about a vertical axis; a second seat-supporting member mounted on the leg swingably about a vertical axis; a seat mounted adjacent its ends respectively on said members swingably about horizontal axes, all said horizontal axes being parallel.

1,646,940. RECORDING MECHANISM. LEWIS B. SWIFT, Rochester, N. Y., assignor to Taylor Instrument Companies, Rochester, N. Y., a Corporation of New York. Filed Aug. 25, 1925. Serial No. 52,306. 3 Claims. (Cl. 234-1.)



1. In apparatus of the class described, the combination with a support, of a pen arm, means for pivotally supporting it on the support, spring means tending to move the arm in one direction and means for moving the arm against the action of the spring means, including an element supported on the said support for movement relatively to the arm and means on the latter and on the element for effecting movement of the arm when the said element is moved in one direction, and means for controlling the movement of said element.

1,646,941. ASH-SIFTER ATTACHMENT FOR FIRE GRATES. LOUIS S. TENENBAUM, Rochester, N. Y. Filed Dec. 8, 1926. Serial No. 153,275. 5 Claims. (Cl. 126-245.)

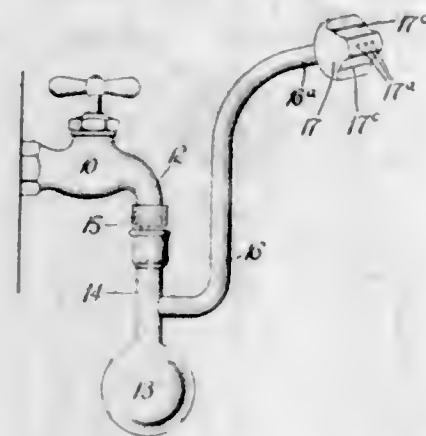


1. In an ash sifter attachment for fire grates, the combination of a wire basket, means for freely suspending said wire basket below a series of grate bars, a rocking bar, suspended from one of said grate bars and slidably engaging said basket, so as to shake said basket on the shaking of the grate bar.

1,646,942. MOUTH-SPRAYING DEVICE. LOUIS L. TUORRO, Pequannock, N. J. Filed Oct. 6, 1926. Serial No. 139,823. 9 Claims. (Cl. 128-229.)

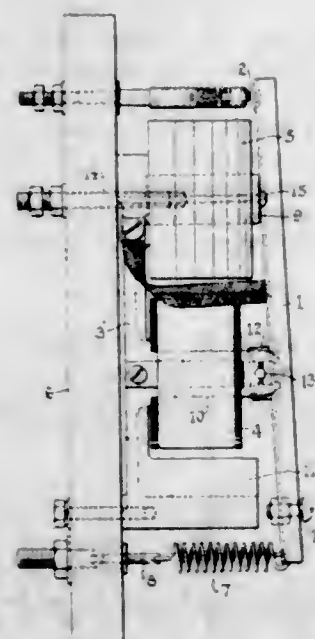
1. A device of the class described comprising a hollow body, means for coupling said body with a liquid supply, an outlet on said body adjacent said first named means, a medicinal or antiseptic container in said body, a discharge tube in communication with the chamber of said

container and cooperating with the outlet of said body whereby the liquid introduced into said body and passed through said outlet around said tube will cause the liquid



of said container to be discharged from said tube and mingled with the first named liquid, and said outlet being provided with a nozzle.

1,646,943. ELECTROMAGNETIC SWITCH. HENRY N. WADE, Milwaukee, Wis., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis., a Corporation of Wisconsin. Filed Aug. 7, 1919. Serial No. 315,803. 2 Claims. (Cl. 200-91.)



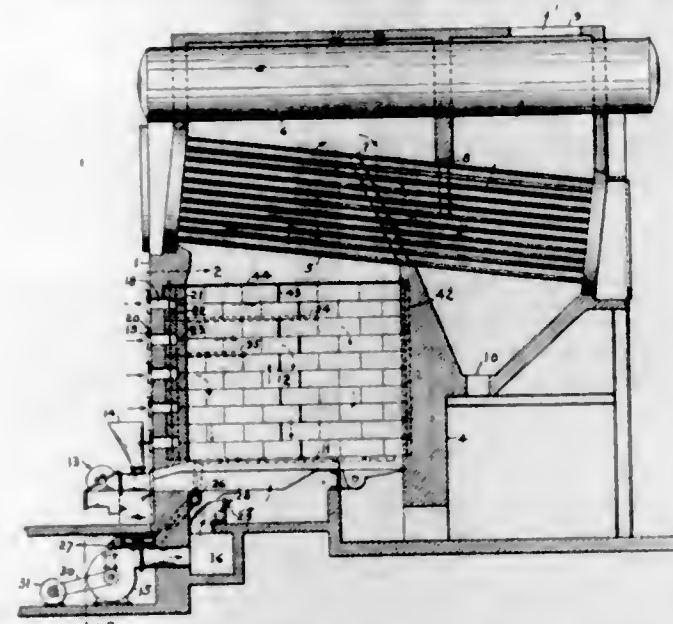
1. In an electric switch, in combination a movable contact member, electromagnetic means to be supplied with an undulating current to produce a magnetic flux for operating said member and a coil threaded by such magnetic flux to produce an opposing magnetic flux rendering said means inoperative to actuate said member while the frequency of the current supplied thereto exceeds a given limit, said coil comprising a plurality of washers of varying thickness.

2. In an electric switch in combination a movable contact member, an electromagnet having parallel magnetic circuits whereby the magnetic flux thereof produces opposing pulls on said member and a damping coil threaded by the flux which tends to move said member, said coil comprising a plurality of washers of varying thickness.

1,646,944. FURNACE WALL. FRANK H. WAITE and GEORGE W. DAVEY, Long Island City, N. Y. Filed Sept. 29, 1925. Serial No. 59,440. 1 Claim. (Cl. 110-6.0.)

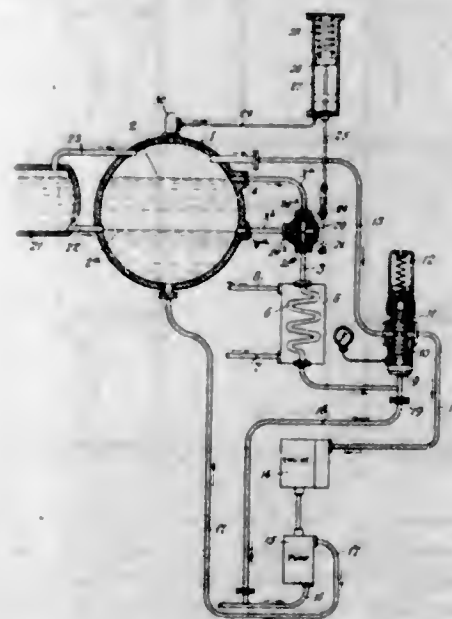
A furnace construction including, in combination, a front wall, side walls and a rear wall, substantially defining the combustion space; a grate and stoker mechanism therebelow; blower means for forcing a draft

through said grate; an offtake at the top of the chamber for the products of combustion; intersecting horizontal and vertical air passages in said front wall with a substantially vertical baffle therein dividing said passages into two circulating system; intersecting horizontal and vertical air passages in the side walls, each of said walls having a plurality of vertically spaced substantially horizontal baffles therein extending rearwardly, the baffles being progressively longer towards the top of the wall;



air inlets to the passages of the front wall on each side of the vertical baffle; ducts connecting the passages of each system in the front wall to the passages in the respective side walls; means connecting the blower with the passages in the walls to cause a current of air to flow therethrough; and air conducting means conveying the heated air underneath the grate, for admission therethrough into the fuel bed.

1,646,945. METHOD OF AND APPARATUS FOR AUTOMATICALLY REGULATING THE WATER LEVEL IN STEAM BOILERS. FRIEDRICH WEMPE, Cassel-Wilhelmshöhe, Germany, assignor to Schmidt'sche Heissdampf-Gesellschaft m. b. H., Cassel-Wilhelmshöhe, Germany, a Corporation of Germany. Filed Sept. 2, 1925. Serial No. 53,977, and in Germany Sept. 8, 1924. 9 Claims. (Cl. 122-451.)

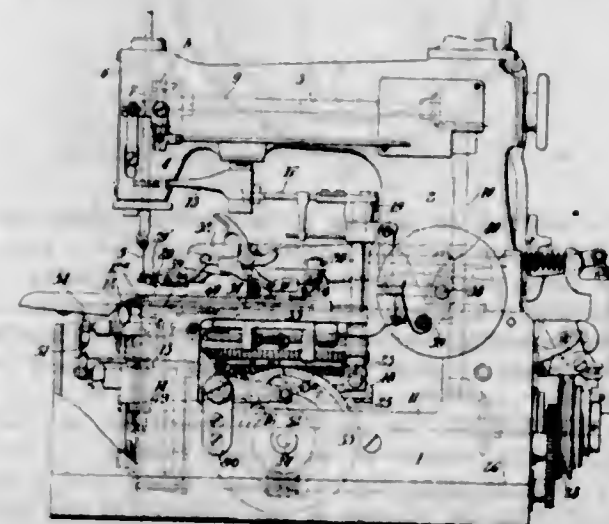


1. Method of automatically regulating the water level in steam boilers in which the water level fluctuates between a high and a low level comprising checking or shutting off entirely the feed on an increase of load, utilizing the storage capacity of the space between the highest and lowest water levels by lowering the water

level, maintaining the highest water level as the normal one, and using the boiler pressure as the regulating agent for the latter purpose.

5. Apparatus for automatically regulating the water level in steam boilers comprising a boiler drum containing steam and water, two pipe connections in the wall of said drum arranged at places of different heights, throttling means in each of said pipe connections, a structure forming a regulating space, a rotary device arranged between said pipe connections and said regulating space and adapted to establish communication between one of said pipe connections and one end of the regulating space, throttling means at the other end of said regulating space, means adapted to be operated by the variations of pressure in said regulating space for controlling the feed to the boiler, and means operated by the boiler pressure for rotating said rotary device.

1,646,946. CORD-HANDLING MECHANISM FOR BUTTONHOLE-SEWING MACHINES. EDWARD B. ALLEN, Newtown, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J., a Corporation of New Jersey. Filed Jan. 23, 1926. Serial No. 83,210. 12 Claims. (Cl. 112-161.)



1. In a sewing machine of the buttonhole type, stitch-forming mechanism, a work-holder, means for relatively moving them during the sewing, a cord-guide for delivering a cord within the range of action of the stitch-forming mechanism, means for relatively moving the stitch-forming mechanism and work-holder out of sewing relation subsequent to the sewing operation, means for severing the cord, and positively actuated means out of strain-exerting engagement with the cord during the sewing for pulling back on the cord between sewing periods to shorten the severed cord end.

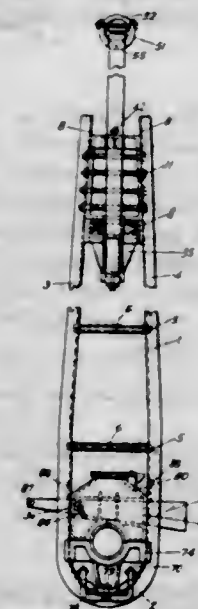
1,646,947. MEANS FOR PREVENTING DISPLACEMENT IN ROLLERS FOR ROLLER BEARINGS. PERCY A. E. ARMSTRONG, New York, N. Y. Filed Oct. 8, 1923. Serial No. 667,124. 2 Claims. (Cl. 308-215.)



1. In a roller bearing, concavely curved rollers, inner and outer bearing members, said members having convexly

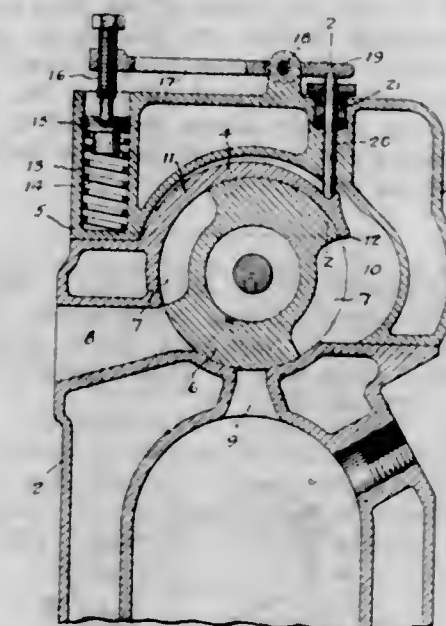
curved bearing surfaces, and means on one of the bearing members for making engagement with said rollers at substantially the same radial distance from the bearing axis as the bearing region of the roller to prevent longitudinal displacement of the rollers, and making substantially only rolling engagement therewith.

1,646,948. PITMAN STRUCTURE. RICHARD R. BLOSS, Columbus, Ohio, assignor to The International Derrick & Equipment Company, Columbus, Ohio, a Corporation of Ohio. Filed Apr. 25, 1925. Serial No. 25,911. 9 Claims. (Cl. 74-48.)



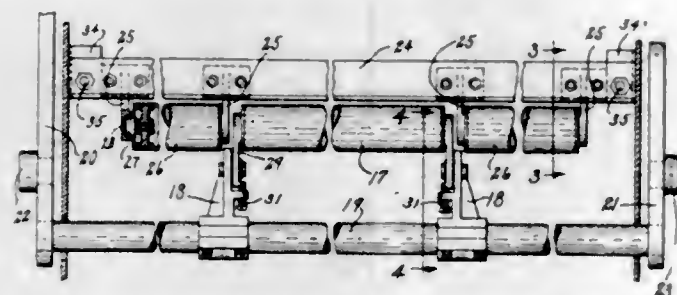
6. A pitman structure comprising a shank formed from a U-shaped member with spaced converging legs, a stirrup member, and a connecting structure intermediate said shank and stirrup member and disposed between the end portions of said legs.

1,646,949. ROTARY VALVE. EUGENE M. BOURNONVILLE, Jersey City, N. J. Filed Apr. 15, 1926. Serial No. 102,178. 18 Claims. (Cl. 123-190.)



1. A rotary valve for an internal combustion engine, comprising a rotary member turning in a ported casing, with a flexibly yielding bearing wing which is held at one side and substantially free elsewhere, curving free for a substantial distance over the rotary member, substantially as set forth.

1,646,950. WEIGHING MOVING MATERIAL. MARTIN CASTRICUM, Springfield, Mass., assignor to The Fisk Rubber Company, Chicopee Falls, Mass., a Corporation of Massachusetts. Filed July 9, 1924. Serial No. 725,069. 2 Claims. (Cl. 265-27.)



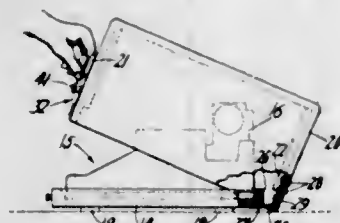
1. In an apparatus for weighing a unit width of moving sheet material, spaced supports between which the material freely passes, a scale roller intermediate these supports, weighing mechanism operatively connected to the scale roller, and a pair of stationary rollers located closely adjacent the scale roller and in axial alignment therewith, said stationary rollers being adapted to prevent the weight of the wide portions of the material from resting upon the scale roller.

1,646,951. ASSORTING MACHINE. FLOYD J. COOK, Medford, Oreg. Filed Aug. 4, 1925. Serial No. 48,073. 1 Claim. (Cl. 209-125.)



A grading machine of the class described comprising a frame having longitudinally extending spaced members, the slots between the members forming runways for grading the articles passing through the machine, said frame being divided into a sorting section and a sizing section, guide grooves formed in the upper surface of the members in the sorting section, a series of longitudinally spaced grading bars connected to said sizing section, means for selectively and independently adjusting said grading bars to vary the width of the runways, endless conveyors extending through the grooves in the sorting section and above said grading bars, whereby the bars may be moved laterally without affecting the movement of the conveyors, flexible aprons connected to the sides of said conveyors and projecting into the runways, and means for driving said conveyors.

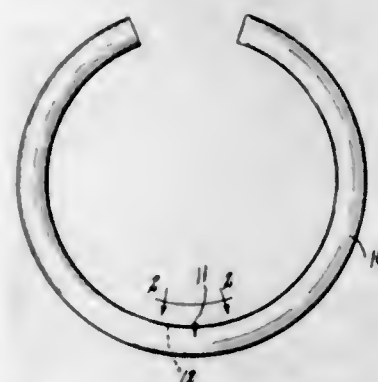
1,646,952. TYPEWRITING MACHINE. WILLIAM A. DONSON, Bridgeport, Conn., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed Mar. 21, 1923. Serial No. 626,457. 7 Claims. (Cl. 45-52.)



1. A casing for a typewriter machine, including a base-board and a cover-portion; the cover-portion having a prong or detent on the lower edge of the inside face of one wall thereof, and the base-board having a recess in

one edge of the lower face thereof to receive and guide said prong or detent when the cover-portion is set in inclined position over the machine on the base-board support and moved forward to the recessed edge of the base-board, said prong or detent and recess being inclined downward and away from the cover-wall which carries the prong or detent to cause said base-board to be wedged between said prong or detent and the cover.

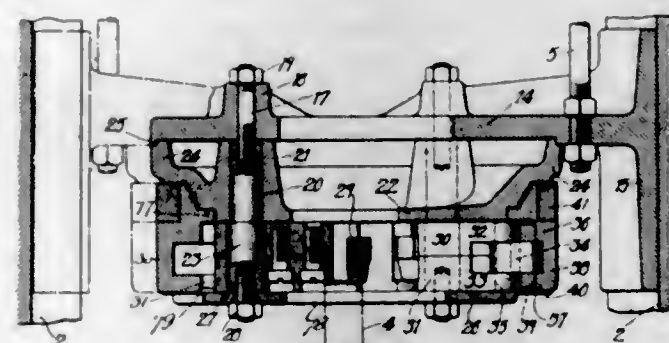
1,646,953. MEANS AND METHOD FOR LOCATING VALVE PARTS IN RUBBER TUBES. WILLIAM J. DONOVAN, Chicopee Falls, Mass., assignor to The Fisk Rubber Company, Chicopee Falls, Mass., a Corporation of Massachusetts. Filed Sept. 4, 1925. Serial No. 54,576. 4 Claims. (Cl. 154-9.)



2. The method of making a rubber tube which comprises molding on the tube during vulcanization a pair of lines at right angles to each other, one extending circumferentially of the tube and parallel to its axis, and the other extending transversely of the tube, and locating the valve parts by such markings after the tube is vulcanized.

4. A mandrel for use in the vulcanization of rubber tubes upon the surface of which are formed a pair of molding lines at right angles to each other, and a stud projecting from the surface of the mandrel at the intersection of these lines substantially as and for the purpose described.

1,646,954. MACHINE FOR THREADING OR TURNING BOLT BLANKS OR THE LIKE. JAMES A. EDEN, Jr., Springfield, Mass., assignor to Walter H. Foster, New York, N. Y. Filed Oct. 30, 1923. Serial No. 671,653. 18 Claims. (Cl. 10-100.)



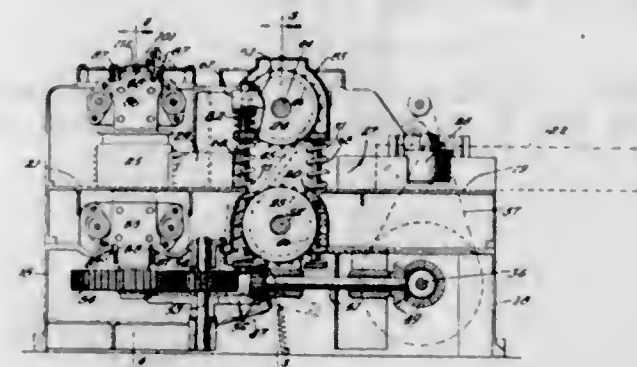
5. A machine of the class described including in combination a cutter-head, blocks mounted therein for carrying the cutters, a turning ring carried by said cutter-head and operatively connected with said blocks to adjust the cutters inward and outward, and a support for the head adapted to travel in guides, said head being detachable from its support without disassembling any of the parts referred to.

8. A cutter-head for machines of the class described comprising pivoted cutter-carriers, a turning ring, toggle links engaging said carriers and operated by said ring and pins for said toggle links passing through holes in said

ring adapted to be withdrawn from the outside of said ring, said pins having their ends threaded for engagement by a pulling tool to withdraw them.

11. A cutter-carrier for machines of the class described consisting of a block made in separate parts fastened together and forming a recess for receiving a cutter, an adjusting screw threaded in one of said parts for engaging a shoulder of the cutter to adjust the same longitudinally, a wedge adapted to engage the face of the cutter and a clamping screw carried by the same part of the block as the adjusting screw and adapted to advance said wedge to clamp the cutter in position.

1,646,955. INCISING MACHINE. DANIEL W. EDWARDS, Takoma Park, Md., and JUDSON H. MANSFIELD, Rockford, Ill., assignors to Greenlee Bros. & Co., Rockford, Ill., a Corporation of Illinois. Filed June 30, 1922. Serial No. 572,010. 15 Claims. (Cl. 144-2.)



1. An incising machine of the character described having means for incising timber including teeth each having a transverse cutting edge for severing the wood fibers crosswise to the full depth of the incision by a rolling action.

1,646,956. ELECTROMAGNETIC RELAY. JOHN ERICKSON, Chicago, Ill., assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill., a Corporation of Delaware. Filed Oct. 25, 1920. Serial No. 419,357. 15 Claims. (Cl. 175-336.)

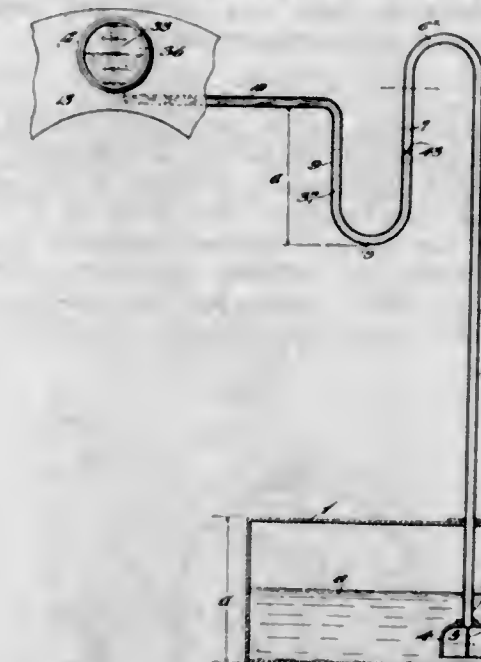


1. A relay having an electrical circuit, an armature for said relay, a magnetic circuit including said armature and effective to move said armature when said electrical circuit is closed, a second electrical circuit in which a current is induced when the relay circuit is broken, and an auxiliary magnetic circuit including said armature in which the induced current tends to set up a flux in opposition to the flux in said first magnetic circuit for accelerating the release of said armature.

1,646,957. LIQUID-LEVEL INDICATOR. THOMAS M. EYNON, Philadelphia, Pa. Filed Jan. 1, 1923. Serial No. 610,556. 2 Claims. (Cl. 73-54.)

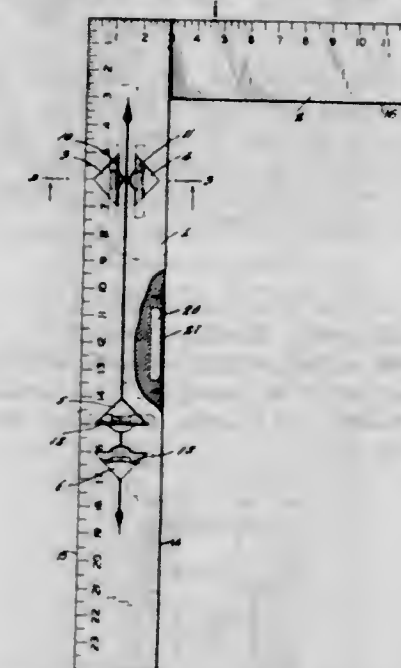
1. In a gasoline indicator, a tank, an inverted bell therein, having its lower edge removed from the bottom

of said tank, a partitioning device arranged vertically in said bell for preventing the escape of liquid therefrom, an indicating device, and a pipe leading upwardly from



said bell to said indicating device, and having a U-shaped tube therein of a height substantially the same as the height of said tank.

1,646,958. SQUARE PLUMB, LEVEL, AND MEASURE. ANTHONY FACCI, Hastings, Pa. Filed Apr. 7, 1926. Serial No. 100,321. 6 Claims. (Cl. 33-89.)



1. A square comprising in combination a plurality of leveling means arranged for leveling with either edge of either side of the square uppermost and an additional leveling means on the edge of one side.

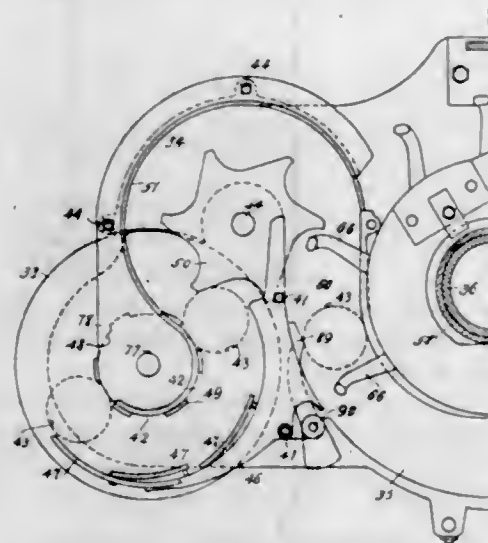
1,646,959. HYDRAULIC VIBRATORY DRILLING TOOL. JAMES P. FISHER, Bartlesville, Okla., assignor, by mesne assignments, to Empire Gas and Fuel Company, Dover, Del., a Corporation of Delaware. Filed Jan. 6, 1925. Serial No. 772. 13 Claims. (Cl. 253-4.)



1. A drilling mechanism comprising a member mounted for reciprocation, and means for reciprocating said member including a valve arranged to close automatically

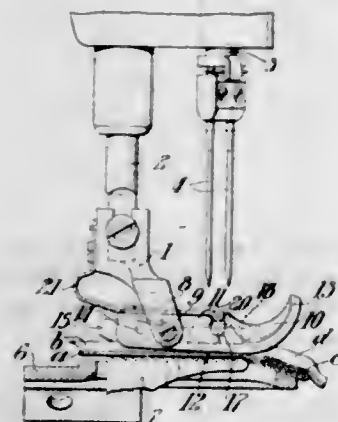
upon the flow through it reaching a given value, means whereby fluid may by-pass said valve to relieve the pressure thereon after movement of said member in one direction, means to open said valve, and means to move said member in the opposite direction.

1,646,960. FEEDING AND SPACING MECHANISM FOR FILLED-CAN-CLOSING MACHINES. PAUL W. FLEISCHER, Weehawken Heights, N. J., assignor to American Can Company, New York, N. Y., a Corporation of New Jersey. Original application filed Nov. 28, 1913, Serial No. 803,406, Patent No. 1,406,631, dated Feb. 14, 1922. Divided and this application filed Jan. 9, 1922. Serial No. 528,028. 14 Claims. (Cl. 198—22.)



12. A conveying apparatus for articles including in combination traveling timing and delivering means, yielding pressure means adapted to place each article in position to be conveyed by said timing and delivering means and means for advancing articles into engagement with and along said pressure means.

1,646,961. PRESSER FOOT FOR SEWING MACHINES. GEORGE S. GATCHELL, Roselle Park, N. J., assignor to The Singer Manufacturing Company, Elizabeth, N. J., a Corporation of New Jersey. Filed June 29, 1926. Serial No. 119,296. 8 Claims. (Cl. 112—235.)

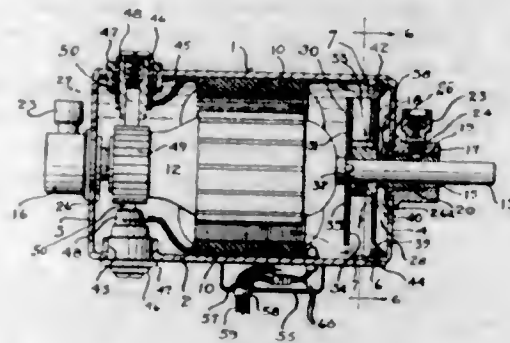


1. A sewing machine presser-foot having a shank, a primary sole-piece pivotally mounted on said shank and having a work-engaging surface, and a plurality of secondary sole-pieces pivotally mounted one in advance of the other on said primary sole-piece.

1,646,962. SEWING-MACHINE MOTOR. FOSTER F. HILLIX, Cleveland, Ohio, assignor, by mesne assignments, to White Sewing Machine Corporation, Cleveland, Ohio, a Corporation of Delaware. Filed Jan. 15, 1925. Serial No. 2,466. 7 Claims. (Cl. 172—36.)

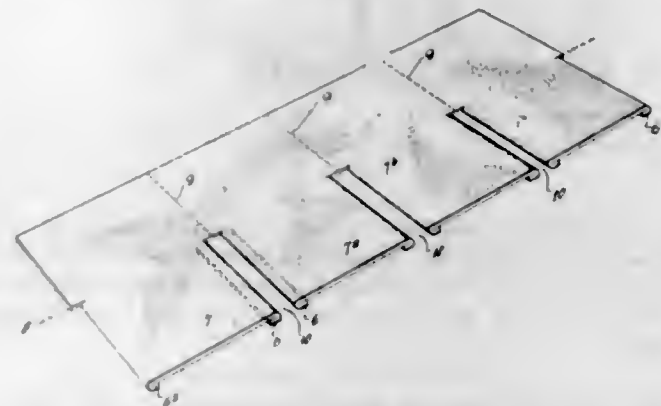
4. In a sewing machine motor a light sheet metal casing provided at its ends with a series of ventilator

openings and a central opening, journal members secured within the central openings, and clamping both sides of the material forming the casing adjacent the periph-



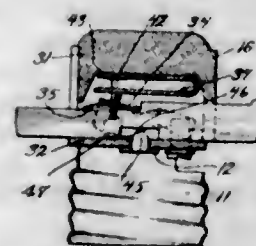
ery of the openings, bearing members pivotally mounted within said journal members and a motor armature shaft supported by said bearing members.

1,646,963. SHINGLE. HARRY H. HONIGBAUM, Richmond Hill, N. Y. Filed Oct. 20, 1923. Serial No. 669,712. 1 Claim. (Cl. 108—7.)



A shingle strip provided along one of its longitudinal edges with slits extending transversely into the strip and terminating short of the opposite longitudinal edge of the strip in relatively short longitudinal slits extending laterally from each transverse slit, and the marginal edges of each transverse slit being folded under the portions of the strip between adjacent transverse slits to lie beneath the plane of the body of the strip whereby the strip is provided along one of its longitudinal edges with shingle projections of increased thickness along their lateral edges, the folded under portions of the strip being concealed by the shingle projections when the shingle is in place on a roof.

1,646,964. SWITCH MECHANISM. CHARLES L. HOPKINS, River Forest, Ill., assignor to Benjamin Electric Manufacturing Company, Chicago, Ill., a Corporation of Illinois. Filed July 31, 1924. Serial No. 729,210. 4 Claims. (Cl. 123—355.)



1. A switch construction comprising an oscillatable bearing plate, a switch blade carried thereby, a bearing foot secured to said plate and offset from the plane thereof, a yieldable bearing plate slidably engaged by

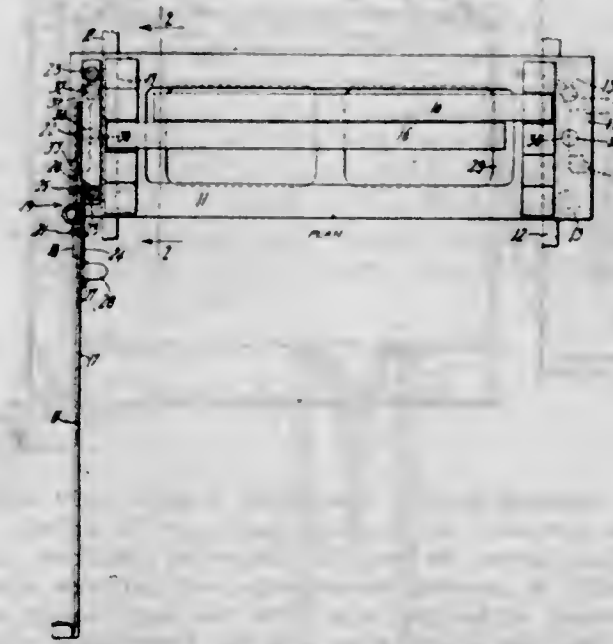
said bearing foot and a cam member having a crest slidable along said oscillatable bearing plate to cause said oscillatable bearing plate and foot to oscillate with a snap action on said yieldable plate.

1,646,965. FISHING TOOL FOR USE IN OIL WELLS. JESSE O. JOHNSON, Mexia, Tex. Filed Dec. 1, 1925. Serial No. 72,554. 11 Claims. (Cl. 294—102.)



1. In a releasing overshot, a barrel having a downwardly tapering bore, a guide supported from the upper end of the barrel, a plurality of slips within the barrel, a vertically movable member guided from and held from rotation by the guide and having an annular flange at its lower end, means urging the member downwardly and grooves formed in the inner faces of said slips at the upper ends thereof for the reception of the peripheral portions of said flange.

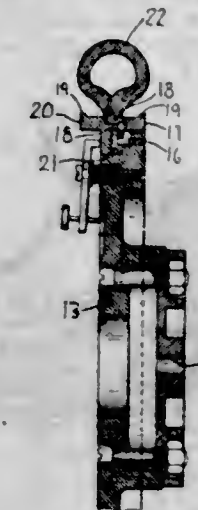
1,646,966. TYPEWRITING MACHINE. ALFRED G. F. KUROWSKI, Brooklyn, N. Y., assignor to Underwood Typewriter Company, New York, N. Y., a Corporation of Delaware. Filed Jan. 23, 1926. Serial No. 83,286. 7 Claims. (Cl. 197—126.)



1. A handle for the manual operation of the carbon-carrying frame of a fan-fold typewriting machine, said handle being swingable from the operative to a compact position parallel to the frame, means including a bracket for attaching said handle to the frame, the handle being pivotally mounted on the bracket, and

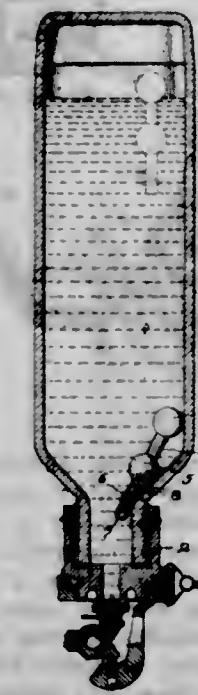
means for holding said handle in its operative position, the holding means being manually releasable to permit swinging of the handle to its inoperative or folded position.

1,646,967. HOLDING DEVICE. THOMAS P. LITTLE, Chicopee Falls, Mass., assignor to The Fisk Rubber Company, Chicopee Falls, Mass., a Corporation of Massachusetts. Filed Dec. 8, 1922. Serial No. 605,623. 1 Claim. (Cl. 154—9.)



In an apparatus of the class described, a stand, an arm rotatable in the stand, a disk rotatable on the end of the arm with its axis at ninety degrees from the axis of rotation of the arm, a ring detachably mounted on the outer periphery of the disk, said ring presenting a shoulder to receive the inner periphery of a tire form, a second similar ring fitting upon the disk so as to mate with the first ring and hold the tire form, a series of headed pins around the disk, clamping bars slidable on the pins but restrained by the heads thereof, springs holding the bars yieldably against the end of the pins, and hand screws for tilting the bars with the heads of the pins as fulcrums to hold the second ring in place on the disk.

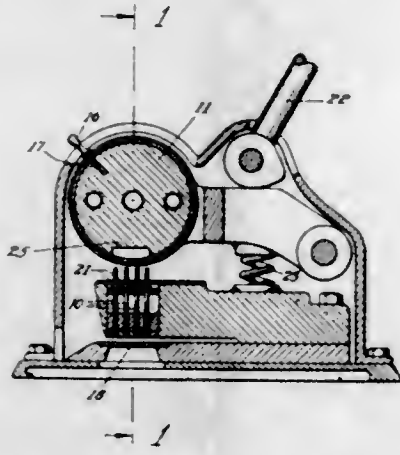
1,646,968. PRESSURE INDICATOR FOR FIRE EXTINGUISHERS AND THE LIKE. EARL A. LOUDER, New York, N. Y., assignor, by mesne assignments, to Boyce and Veeder Co. Inc., Long Island City, N. Y., a Corporation of New York. Filed Mar. 27, 1920. Serial No. 369,349. 5 Claims. (Cl. 73—31.)



1. In combination, a fire extinguisher containing liquid and gas under pressure, and an unconfined pressure indicating instrument in the liquid having an upper

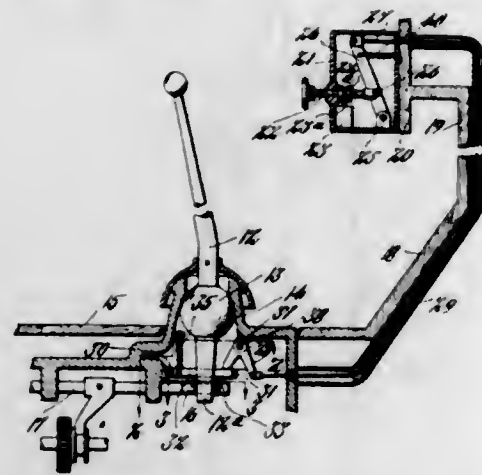
buoyant portion and a lower weighted portion whereby said instrument is maintained right-side-up at all times by the buoyancy of the liquid without the aid of extraneous supporting means.

1,646,969. CRYPTOGRAPHIC PERFORATOR. WALTER H. LYMAN, Chicago, Ill., assignor to The American Perforator Company, Chicago, Ill., a Corporation of Illinois. Filed Dec. 11, 1924. Serial No. 755,183. 1 Claim. (Cl. 164-111.)



A cryptographic perforating machine comprising base punches, which when operated punch base perforations in a sheet, a group of spaced significant punches, each of which when operated, makes a perforation in the sheet having a definite relative position with respect to a base perforation, to which relative position a definite number is assigned, and a series of selective devices for controlling said punches, any one of which devices may be selected by the operator to control the punches to cause them to indicate a desired number, each of a number of said selective devices comprising means for causing the operation of the base punches, and comprising also means for causing the operation of a plurality of additional punches to make significant perforations, the sum of whose corresponding numbers equals the desired number.

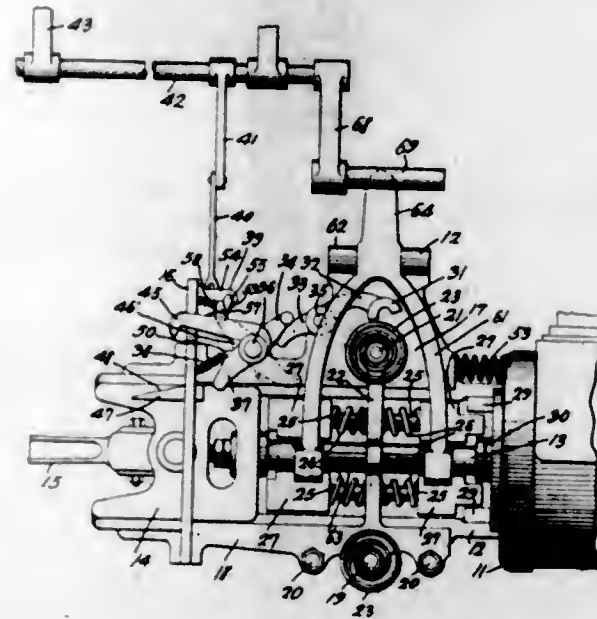
1,646,970. AUTOMOBILE LOCK. EDGAR J. MARTEL, Laconia, N. H. Filed Dec. 13, 1923. Serial No. 680,370. 9 Claims. (Cl. 70-127.)



5. The combination with an automobile transmission mechanism, of a locking member which is movable to lock or release said mechanism in or from any selected position thereof, and operating means including an operating rod movable by the driver, a cable intermediate the rod and the locking member, means for locking said operating rod to maintain the locking member in its locking position, means being provided for yieldingly maintaining the locking member in a predetermined position, from which it is movable to another position, through the instrumentality of the operating rod, a starter switch, a movable switch-controlling member adapted to render the

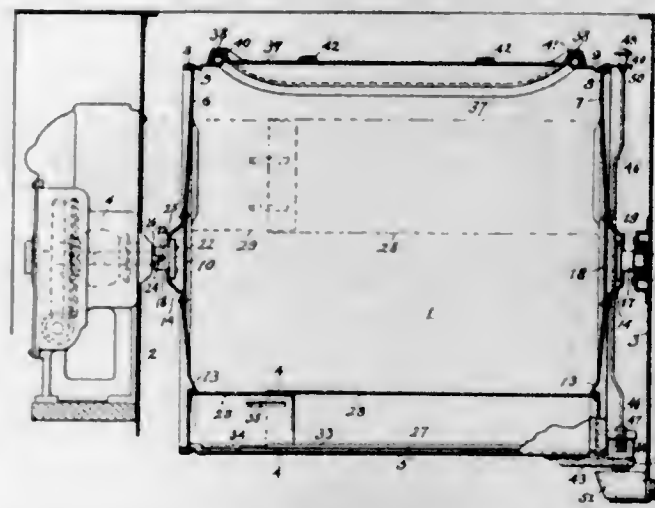
starter switch inoperative, said member being normally in an inoperative position, and connections between said controlling member and the operating rod, whereby the controlling member is held in a position rendering the starter switch inoperative when the operating rod is locked.

1,646,971. SAFETY DEVICE. JOHN C. MENDONCA, New Bedford, Mass. Filed Dec. 31, 1926. Serial No. 158,380. 10 Claims. (Cl. 105-48.)



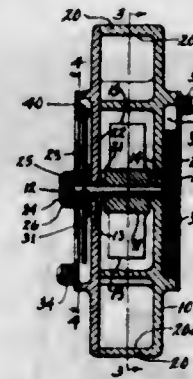
1. In a locomotive, the combination of a reciprocating power member, a fixed element, a member movable into the path of the reciprocating member between said reciprocating member and the fixed element, means to move the movable member, and means to hold the movable member in inoperative position at times.

1,646,972. WASHING MACHINE. HARRY W. MITCHELL, Cleveland, Ohio, assignor to G. F. Mitchell & Son, a Partnership of George F. Mitchell, George R. Mitchell, and Harry W. Mitchell, Cleveland, Ohio. Filed Apr. 2, 1923. Serial No. 629,277. 6 Claims. (Cl. 68-18.)



1. A washing machine comprising a water tight drum adapted to receive the cleansing liquid and the articles to be cleansed, means for rotatably supporting said drum, and a plurality of inwardly bowed perforated partition members secured within the drum with the ends thereof engaging the ends of the drum and the longitudinal edges thereof engaging the periphery of the drum, said partition members comprising telescopically connected plates and means for retaining said partition members in extended position, the end walls of said drum being provided with retaining ledges engaging the inner sides of said partition members.

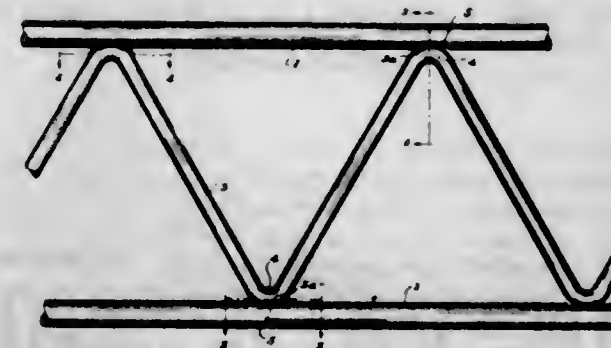
1,646,973. MANIFOLD GAME APPARATUS. ARINGTON MOORE, New York, N. Y., assignor to Moore Inventions Corporation, Worcester, Mass., a Corporation of Massachusetts. Filed Dec. 29, 1922. Serial No. 609,752. Renewed Mar. 22, 1927. 14 Claims. (Cl. 273-142.)



1. In game apparatus, a hollow closed casing, a ball free therein, a wheel in the casing adapted to be revolved by the ball when the casing is turned into different positions, indicia-bearing means on the outside of the casing and turning with the wheel, and an apertured cover over said indicia-bearing means, through which aperture the indicia are visible.

8. In game apparatus, a box, a shaft extending there-through, means in the box for causing rotation of the shaft when the box is turned upside down, and means for detachably securing disks carrying game indicia one at a time on said shaft.

1,646,974. METHOD OF WELDING STRUCTURAL MEMBERS. FREDERICK H. MOYER, Canton, Ohio. Filed Aug. 20, 1926. Serial No. 130,516. 6 Claims. (Cl. 219-10.)



2. The method of welding bar structures comprising chord members and intervening web members, which consists in forming contact surfaces upon the chord members conforming to the contour of the contact surfaces of the web members, clamping said contact surfaces together and applying electric current and pressure thereto.

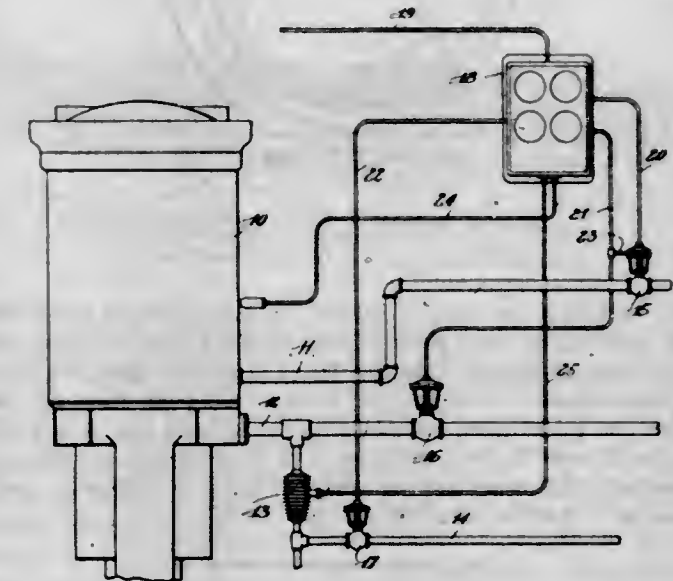
1,646,975. SUSPENDER. SAMUEL NEWMAN, Cincinnati, Ohio. Filed Aug. 14, 1925. Serial No. 50,321. 2 Claims. (Cl. 241-12.)



1. In suspenders, shoulder straps, connected together at their rear ends and formed of inelastic material, an elastic extension strap connected to the rear ends of the

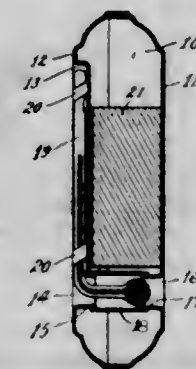
shoulder straps, elastic extension straps connected to the front ends of the shoulder straps, tabs to engage buttons on trousers, and means connecting said tabs to the extension straps, said means including a hook and eye fastening to permit quick attachment or detachment of a tape from its associated extension strap.

1,646,976. TIME-CONTROLLED REGULATING APPARATUS. HARRY Y. NORWOOD, Rochester, N. Y., assignor to Taylor Instrument Companies, Rochester, N. Y., a Corporation of New York. Filed Mar. 20, 1922. Serial No. 545,119. 13 Claims. (Cl. 236-46.)



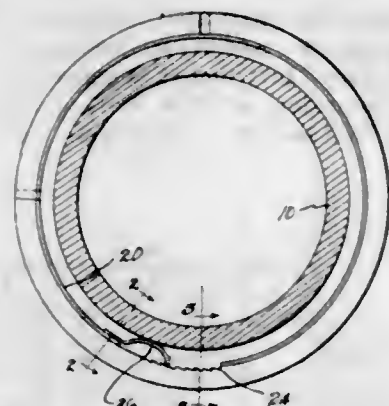
1. In an apparatus and means connected therewith for maintaining prescribed conditions therein including means for supplying a regulating medium, the combination of a plurality of means responsive to the conditions to be regulated, for differently controlling the said supply means and separate time-controlled mechanism for each of said controlling means for making it ineffective at the end of a predetermined period independently of the other controlling means.

1,646,977. THERMOMETER. HARRY Y. NORWOOD, Avon, N. Y., assignor to Taylor Instrument Companies, Rochester, N. Y., a Corporation of New York. Filed Apr. 3, 1926. Serial No. 99,541. 17 Claims. (Cl. 73-52.)



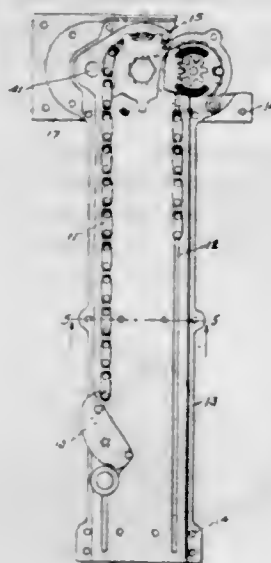
1. The combination of a thermometer tube, a base of sheet material of a thickness considerably smaller than the width of the tube, the base being shaped to define a groove receiving the tube, and a narrow strip of thin sheet material adhesively connected to the base and connected with the tube to hold it in place in the groove.

1,646,978. PISTON PACKING. JOHN F. PANYARD, Detroit, Mich. Filed Oct. 19, 1925. Serial No. 63,331. 9 Claims. (Cl. 74-109.)



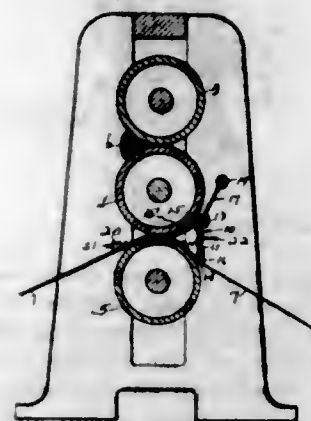
1. In piston packing, a piston having a groove for packing, packing in said groove comprising a pair of ring sections having helical meeting faces whereby upon rotation of one section counter the helical meeting face of the other the packing is wedged axially against the side walls of the groove in the piston, and locking means adapted to automatically hold one of said sections at different positions of rotation relative to the other.

1,646,979. WINDOW REGULATOR. JOHN HAYWARD PARSONS, Ferndale, Mich., assignor, by mesne assignments, to Gustave A. Carlson, Detroit, Mich. Filed July 18, 1923. Serial No. 652,229. 8 Claims. (Cl. 268-129.)



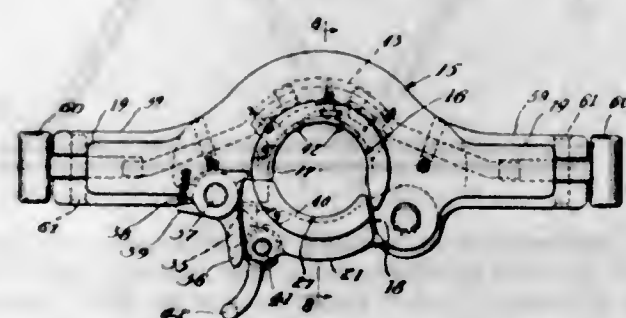
1. In a device of the character described, a window, and means for raising or lowering the window including a channeled plate having an inverted U-shaped guide slot therein, a chain guided in said slot, and a trailer block carried by the chain and engaging the window, the trailer block resting upon the lower wall of one of the legs of the slot when the window is in its lowermost position and the opposite end of the chain engaging the lower wall of the other leg of the slot when the window is in its topmost position.

1,646,980. SAFETY DEVICE FOR CALENDERS. ALBERT H. PEGLOW, Cudahy, Wis., assignor to The Fisk Rubber Company, Chicopee Falls, Mass., a Corporation of Massachusetts. Filed Jan. 9, 1925. Serial No. 1,446. 8 Claims. (Cl. 18-2.)



1. In a calendar a plate suspended before the calendar rolls and adapted to bridge the light of said rolls, and anti-friction devices on the longitudinal edges of the plate.

1,646,981. ELEVATOR. EDWARD L. RICK, Los Angeles, Calif., assignor to Dunn Manufacturing Company, Oxnard, Calif., a Corporation of California. Filed June 9, 1924. Serial No. 718,796. 29 Claims. (Cl. 294-90.)



1. An elevator comprising two relatively movable jaws, means operating to hold the jaws closed about a pipe, pipe-clamping means in one of the jaws, and means operable on engagement thereof with a support for the elevator to force the clamping means toward the pipe.

17. An elevator comprising two relatively movable jaws having recesses together forming a cylindrical opening when the jaws are closed, means for connecting one of the jaws to a grapple, and a hinge pin connecting the jaws and having its upper end nearer to the axis of the opening than its lower end.

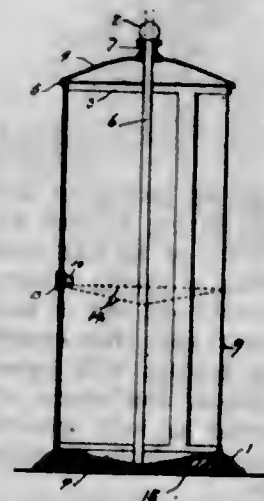
27. In a pipe elevator, a body and a door coacting to provide a horizontal upper surface on which a pipe collar may rest, and a vertically ranging hinge pin hinging said door to said body; said pin being inclined from the true vertical; said body being provided with surfaces inclined from the true horizontal to approximate the helical path through which the door moves, and said door being provided with complementary inclined surfaces disposed to overlap the first named surfaces when the door is in closed position.

1,646,982. SHEET-METAL PACKING BAND. JULIUS H. SCHLAFLY, Canton, Ohio, assignor, by mesne assignments, to The Berger Manufacturing Company, Canton, Ohio, a Corporation of Ohio. Filed Aug. 28, 1925. Serial No. 53,125. 15 Claims. (Cl. 206-60.)



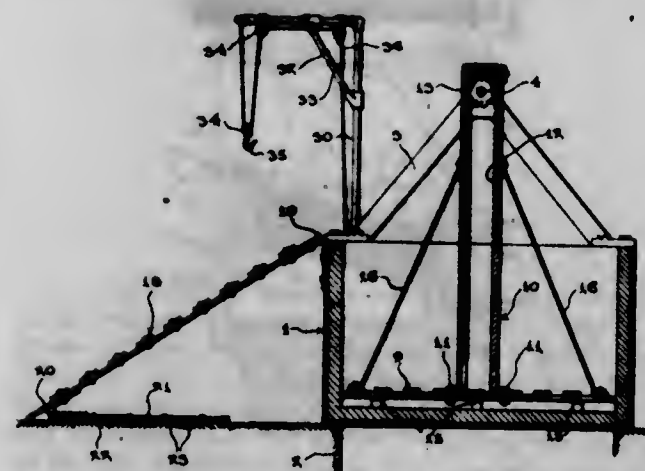
1. A metal packing band arranged to be bound around a pack of sheets or other products, and means held in place by the weight of the pack for holding the pack against movement upon the floor of a car or the like.

1,646,983. STRAW-DISPENSING DEVICE. GEORGE B. SHORN, Fairfax, Okla. Filed Sept. 24, 1923. Serial No. 664,467. 1 Claim. (Cl. 211-8.)



In a straw dispensing device, a conically concaved base and a ring equal in diameter to the concaved portion of the base, three rib members equally distributed peripherally to connect said base and ring in such a way that a translucent filler will be supported thereby, a lid having an outwardly extending apertured sleeve centrally positioned, a rod having a funneled member on one end thereof to slidably engage longitudinally, a ball on the outer or opposite end of the rod as closing means for the aperture and lifting means for the said member when the lid is being raised, all as, and for the purpose described.

1,646,984. HOG-SCALDING APPARATUS. FRANK J. SMITH, Dodge City, Kans. Filed Apr. 29, 1926. Serial No. 105,457. 2 Claims. (Cl. 187-19.)



2. A device for the purpose indicated including a movable bottom, a rotatable shaft disposed a substantial distance above the bottom and paralleling the same.

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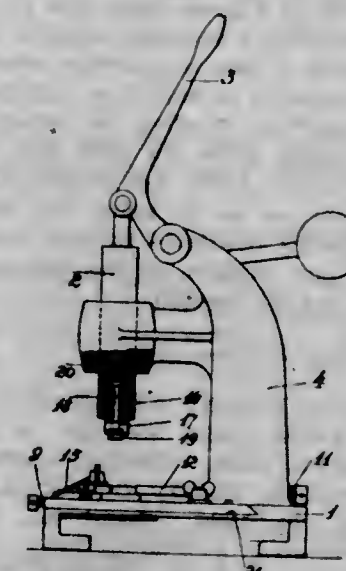
speeded gears carried by the shaft, and U-shaped uprights upstanding from the bottom, said gears being straddled by said uprights and the latter on one leg on the inner face having rack teeth meshing with the teeth of said gear, a hand wheel carried at one extremity of the shaft for the manual operation of the same, a ratchet wheel mounted on the shaft, and a spring actuated pawl normally impelled towards the ratchet wheel and provided with an actuating means for its forcible disengagement from said ratchet wheel.

1,646,985. CONCENTRATOR DECK. ALBERT H. STEBBINS, Los Angeles, Calif. Filed Aug. 10, 1926. Serial No. 128,376. 11 Claims. (Cl. 209-467.)



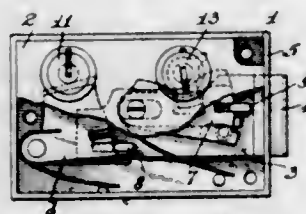
1. A concentrator deck, comprising in combination, a deck surface that is supported at a transverse inclination and which is adapted to be vibrated in the direction of its length to advance the materials lengthwise of the deck, riffles extending diagonally over the deck surfaces to direct the concentrates toward the upper side of the deck, and a material retaining wall extending a substantial distance along the lower side of the deck and constructed to form a concentrate settling basin along the lower side of the deck and in which a deep layer of tailings is confined while they are subjected to a panning operation, said wall being arranged so that it extends lengthwise of the deck and does not slope down the inclined deck.

1,646,986. MACHINE FOR FORMING ROUNDED CORNERS UPON RECTANGULAR MATERIAL. ARMIN VIDOR, Budapest, Hungary. Filed Oct. 23, 1926. Serial No. 142,779. 8 Claims. (Cl. 154-41.)



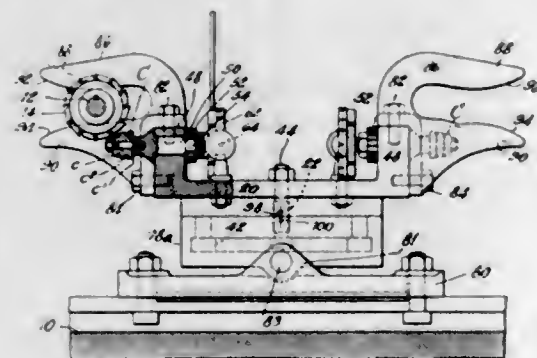
1. A machine for forming rounded corners upon sheets of rectangular material, comprising an angle die, consisting of straight working surfaces to receive the edges of the work and a rounded surface connecting said straight surfaces, a plunger and a tool carried by said plunger and conforming in shape to and traversed across the face of the angle die under the movement of said plunger and a member cooperating with said plunger and engaging the work in advance of the tool to force said work downwardly into the angle die and initially turn the corner of the work prior to the engagement of the tool therewith.

1,646,987. LOCK. EDGAR M. BENHAM, Norwood, Ohio, assignor to The Mosler Lock Company, Covington, Ky., a Corporation of Ohio. Filed Jan. 21, 1926. Serial No. 82,689. 15 Claims. (Cl. 70-72.)



2. In a lock of the character described, in combination, a casing, a bolt bar slidable within the casing, and means engaging the bolt bar and casing, preventing the bolt bar from traveling its full stroke in locking direction, said means including a screw penetrating a slot in said casing and engaged with the bolt bar.

1,646,988. MILLING JIG. MARCEL G. BERTHON, Pratt City, Ala. Original application filed June 20, 1923, Serial No. 646,539. Divided and this application filed June 12, 1925. Serial No. 36,634. 3 Claims. (Cl. 90-18.)



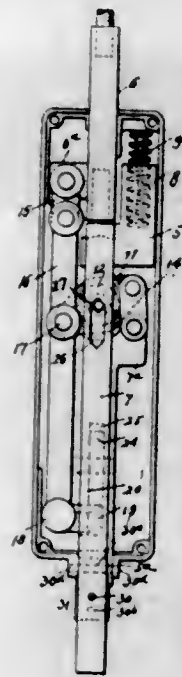
1. The combination of a gang cutter and its supporting arbor of a jig comprising a carriage movable toward and from said gang cutter, a base adjustably secured to said carriage, a turret mounted on said base carrying separate gangs of work supporting spindles, on opposite sides of the turret, a horizontal pivot for said base and means coacting with the cutter arbor for rocking the base on said horizontal pivot so as to move the work blanks carried by said spindles relatively to said cutter so that an even depth of cut parallel to the longitudinal contour of the blank can be secured.

1,646,989. SHEET-SHEARING APPARATUS. WILLIAM M. BLECKER, Canton, Ohio, assignor to Edward A. Langenbach, Canton, Ohio. Original application filed Dec. 7, 1925, Serial No. 73,597. Divided and this application filed Aug. 20, 1926. Serial No. 130,538. 5 Claims. (Cl. 164-61.)



2. A sheet shearing apparatus including an endless magnetic conveyor arranged to receive sheets to be sheared, and a plurality of co-operating shears located adjacent to said conveyor and arranged to shear the sides of sheets as they are carried past the shears upon said conveyor.

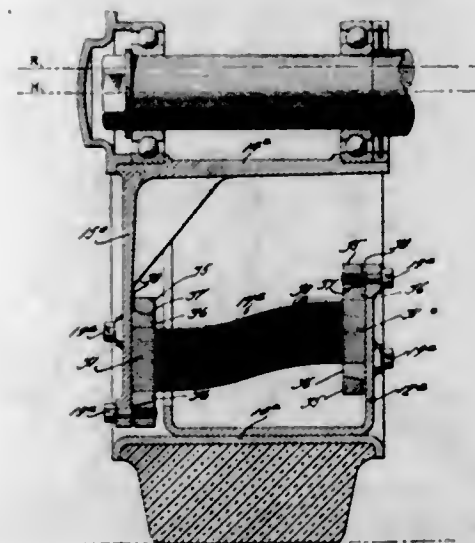
1,646,990. ANTIPANIC ACTUATOR FOR DOOR FASTENERS. WILLIAM BERTRAM BOLLES, Milwaukee, Wis. Filed June 1, 1925. Serial No. 33,993. 14 Claims. (Cl. 292-92.)



1. In a device of the character described, the combination with a door having a latch and a knob spindle for actuating the latch, of an anti-panic door releasing mechanism, comprising a casing adapted to be applied to a door and to receive one end of said spindle, a movable operating member upon the outside of the casing, means for normally holding said operating member in an intermediate position, and means within said casing adapted to be actuated by said operating member when moved in either direction from its intermediate position to turn said spindle.

14. The combination with a door, of a fastener actuating mechanism secured to the inner side thereof, said mechanism comprising an actuating member and movable fastener actuating members adapted to be operated by said actuating member, and means associated with one of said members for securing said mechanism against actuation either in fastener releasing or in door fastening position.

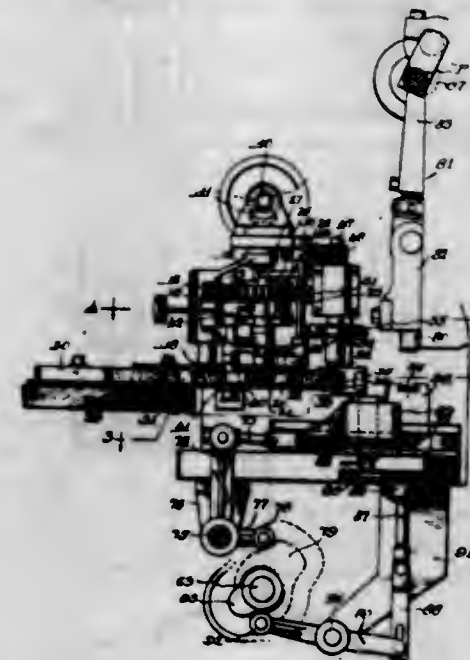
1,646,991. SPRING WHEEL. ROLAND CHILTON, Keyport, N. J., assignor to Healey-Aeromarine Bus Company, Inc., a Corporation of New York. Filed Feb. 8, 1926. Serial No. 86,863. 15 Claims. (Cl. 152-36.)



1. In a wheel of the character described having a rim and a hub, the combination of a plurality of resilient members forming a support for the hub within the rim,

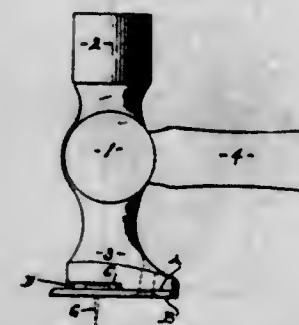
said resilient members being substantially nonyieldable for axial extension and having their ends secured to a portion of the rim and the hub respectively, said members being so formed and disposed that the ends thereof remain in substantially equidistantly spaced relation during spring movement.

1,646,992. PACKING AND PACKING-FORMING MACHINE. MARTIN M. CODY, Chicago, Ill., assignor to Crane Packing Company, a Corporation of Illinois. Filed Apr. 28, 1926. Serial No. 105,143. 14 Claims. (Cl. 154-1.)



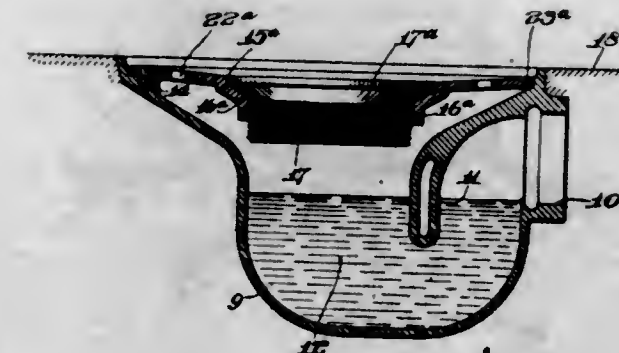
1. A machine for forming packing rings comprising a rotatable spindle upon which the packing material is wound, a cut-off device timed to sever the material when the formed packing ring is of the desired size, a die, means for stripping said ring from said spindle and inserting the same in said die, a press adapted to compress said ring in said die, means for extracting the compressed ring from the die, and means for delivering said ring to a discharge chute.

1,646,993. HAMMER. JOHN R. COLLINS, Wichita, Kans. Filed June 4, 1926. Serial No. 113,699. 1 Claim. (Cl. 145-30.)



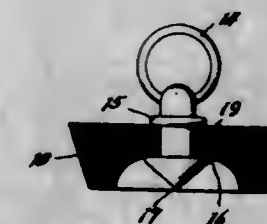
In a hammer, a hammer having the face of one of its polls stepped to receive a plate, a second step to form a space between the plate and the poll, a plate positioned with the end engaging with the first said step, and means to firmly attach the plate to the poll, a slot in the end extending over the space, a bevel on the inside edges of the slot as drawing means for the tack, and the space as receiving means for the head of the tack preparatory to the redriving thereof, all as, and for the purpose set forth.

1,646,994. DRAIN DEVICE. HAROLD E. DECKER, Allentown, Pa., assignor of one-half to John G. Fleck, Bala, Pa. Filed Oct. 13, 1921. Serial No. 507,544. 3 Claims. (Cl. 182-31.)



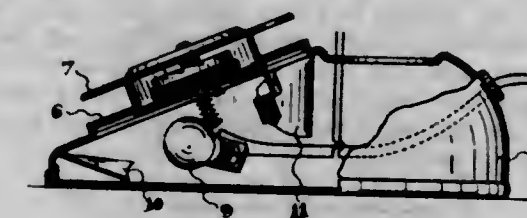
1. A drain device comprising a chambered body having inlet and outlet openings therein and of relatively wide dimension at its inlet side, a reversible plate supported by the chambered body and having an opening thereto, said plate inclining downwardly toward said opening, and a chambered plug.

1,646,995. PLUMBING PLUG POST. WILLIAM J. GAGNON, Bridgeport, Conn., assignor to The Bead Chain Manufacturing Company, Bridgeport, Conn., a Corporation of Connecticut. Filed Mar. 18, 1927. Serial No. 176,423. 6 Claims. (Cl. 4-295.)



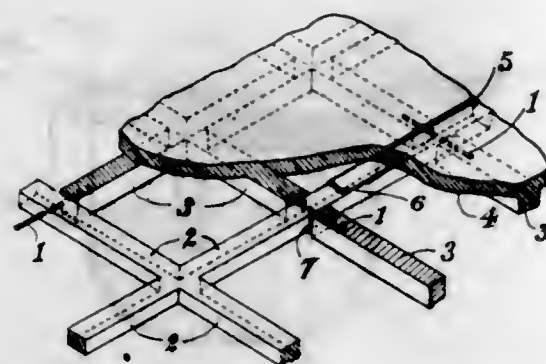
1. A hollow plumbing plug post formed of a single piece of material and having a water-tight closure integral therewith.

1,646,996. TELEPHONE DIAL. FREDERICK M. GEALE, Toronto, Ontario, Canada, assignor to Thomas Foster Hire, in trust, Toronto, Canada. Filed Dec. 11, 1926. Serial No. 154,187. 9 Claims. (Cl. 179-90.)



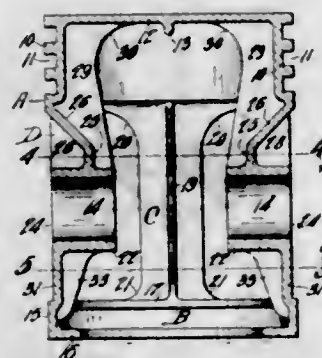
1. A dial telephone stand provided with a translucent dial; electric lamps arranged below and one at each of opposite sides of the dial; and reflecting surfaces positioned between the lamps to reflect light against parts of the dial insufficiently illuminated by direct light.

1,646,997. CONCRETE PAVEMENT FOR RESERVOIRS, DAMS, LEVEES, AND THE LIKE. ROYAL W. GELDER, Greeley, Colo. Filed Apr. 26, 1926. Serial No. 104,847. 8 Claims. (Cl. 94-13.)



1. In a concrete pavement having a sill and two slab portions provided with ribs on the under surface, the ends of said slabs overlapping the sill and having their edges in contact so as to form a joint, a dowel pin extending transversely through the sill and projecting into openings in the ends of the ribs.

1,646,998. PISTON. FRANK P. GILL, JR., East Cleveland, Ohio, assignor to The Ferro Machine and Foundry Co., Cleveland, Ohio, a Corporation of Ohio. Filed Feb. 18, 1924. Serial No. 693,438. 7 Claims. (Cl. 74-108.)

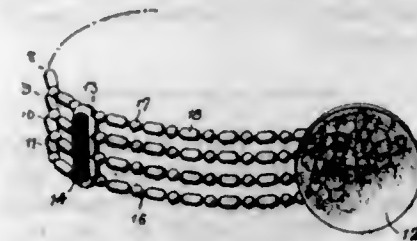


1. A piston including, an upper cylinder bearing portion provided with a top wall, a lower cylinder bearing portion provided with an inwardly extending flange, two intermediate cylinder bearing portions opposite each other and extending longitudinally of the piston and connecting said upper and said lower bearing portions, two piston-pin bosses opposite each other and intermediate said intermediate bearing portions and extending longitudinally of the piston and connecting said upper and said lower bearing portions, ribs connecting said bosses with said upper and said lower bearing portions and with said wall, and the outer surface of said bosses and of said ribs below the outer circumferential surface of said cylinder bearing portions.

1,646,999. CHAIN ORNAMENT. GILBERT W. GOODRIDGE, Bridgeport, Conn., assignor to The Bead Chain Manufacturing Co., Bridgeport, Conn., a Corporation of Connecticut. Filed Sept. 14, 1922. Serial No. 588,178. 6 Claims. (Cl. 63-3.)

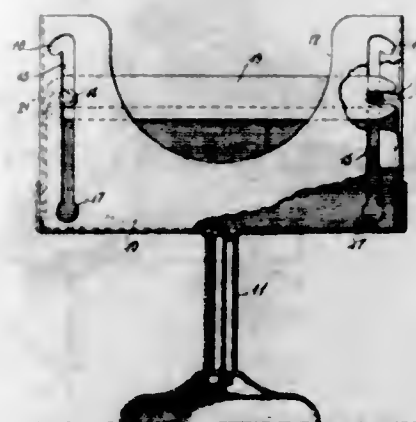
1. In a chain ornament, a group of chains extending in the same general direction, each having elements of relatively greater and reduced diameter and a spacing bar ex-

tending transversely of the chain group, said bar comprising a cupped member having its sides slotted at spaced intervals to receive elements of reduced diameter in the



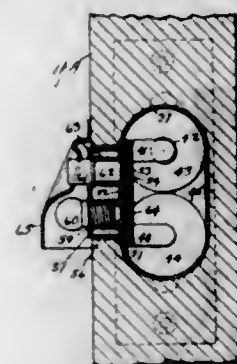
several spaced chains, and forming fingers which confine within the bar, elements of greater diameter in the several chains.

1,647,000. NAPKIN-DISPENSING DEVICE. EMIL J. HANSEN, Green Bay, Wis. Filed Dec. 9, 1925. Serial No. 74,355. 4 Claims. (Cl. 211-29.)



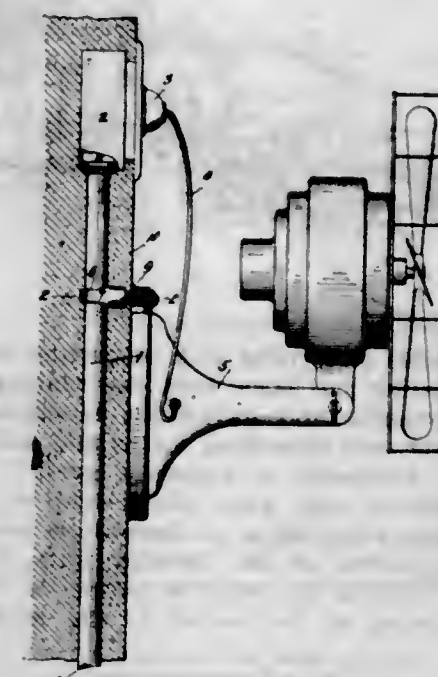
1. A device for dispensing paper sheets, comprising a receptacle, weights guided for travel within said receptacle and adapted to rest upon sheets therein, a pair of bars connected with said weights to travel therewith, and means to hold said bars at all times at the edges of and in a plane substantially perpendicular to and in overlapping relation with the upper sheet in the receptacle.

1,647,001. FLASH LIGHT FOR DOORS. TREDWAY J. HENDRICKSON, Portland, Oreg. Filed May 27, 1925. Serial No. 33,132. 1 Claim. (Cl. 240-2.)



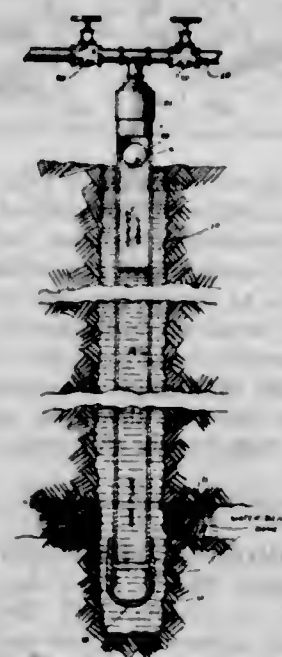
A flash light for doors consisting of a battery; a casing for said battery adapted to be mortised into the edge of a door; a shell attached to the side of the casing and projecting through the side of said door; a lamp socket mounted in said shell; a lamp in said socket; a push button switch in said shell having a circuit connecting said lamp socket to said battery; a closure for said casing on the edge of said door through which said battery can be replaced; and a hood in front of said lamp adapted to deflect the rays of light toward the key hole, said hood covering said shell and permitting said push button to project therethrough.

1,647,002. ELECTRIC APPLIANCE SUPPORT AND CONNECTION. JOHN W. HOOLEY, Larchmont, N. Y. Filed Feb. 12, 1926. Serial No. 87,793. 3 Claims. (Cl. 247-1.)



1. The combination with an electric wire conduit embedded in a wall, of an anchor member having a portion engaging the rear of the conduit and an interiorly threaded portion projecting toward the surface of the wall, and means coating with said interiorly threaded portions for supporting an appliance at the surface of the wall.

1,647,003. WELL CEMENTING. FREDERICK W. HUBER, Riverside, Calif. Filed July 3, 1923. Serial No. 649,357. Renewed Sept. 14, 1927. 2 Claims. (Cl. 166-21.)



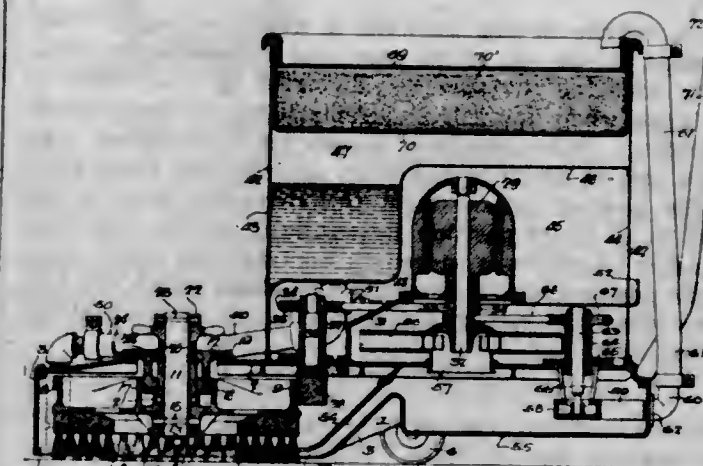
2. A method of cementing wells which comprises forcing a thin fluid cement grout, downwardly through the regular well casing by means of hydraulic pressure of an inert liquid introduced above the said cement grout in said casing and in contact with said cement grout, thereby forcing the bulk of the cement grout out of the casing, into the space in the well surrounding the casing, drawing out a predetermined quantity of the inert aqueous fluid from the casing, whereby an equivalent volume of the cement grout is drawn back into the lower portion of the casing, and then holding the cement grout in position until the same has sufficiently hardened.

1,647,004. LOOSE-POWDER VANITY BOX. BURDON P. HYDE, Waterbury, Conn., assignor to Scovill Manufacturing Company, Waterbury, Conn., a Corporation of Connecticut. Filed Sept. 17, 1923. Serial No. 683,025. 9 Claims. (Cl. 132-83.)



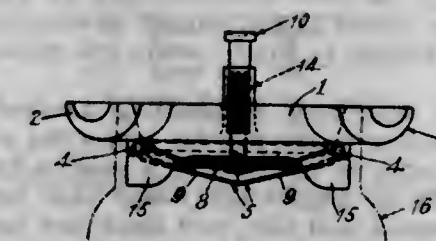
1. A vanity box having in combination a member having a peripheral wall or flange and forming a holder, a cover associated therewith, a bodily removable loose powder containing fitment held in the holder and having a peripheral wall and a bottom, said wall flaring towards its upper edge and terminating in a rim, a lid associated with the fitment and having frictional engagement with and below the flaring portion of the wall, said lid being provided with means for dispensing powder from the fitment, and means for frictionally engaging the fitment in the box.

1,647,005. VACUUM FLOOR SCRUBBING AND WASHING MACHINE. WALTER L. KEEFER, Chambersburg, Pa., assignor to The Wolf Co., Chambersburg, Pa., a Corporation of Pennsylvania. Filed Dec. 17, 1923. Serial No. 681,164. 2 Claims. (Cl. 15-50.)



1. In combination, a scrubber, a chamber for supplying a cleansing medium to said scrubber, a suction nozzle positioned adjacent to said scrubber, means for creating a suction in said nozzle, means for receiving the discharge from said nozzle and permitting the separation of the air and cleansing medium in said discharge, pumping means interconnecting said second-mentioned means and said supply chamber, and means for actuating said scrubber and said suction and said pumping means.

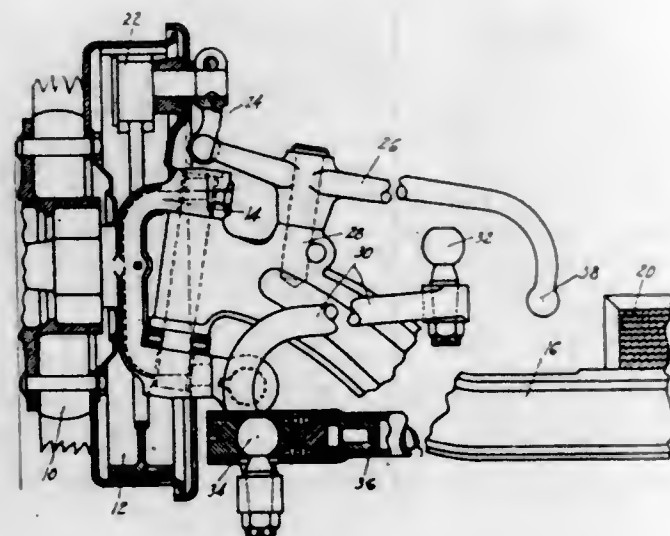
1,647,006. ASH TRAY. SAMUEL KIRZNER, Malden, Mass. Filed Mar. 22, 1927. Serial No. 177,406. 6 Claims. (Cl. 131-51.)



1. An ash tray having, in combination, a body portion, bottom members pivotally mounted upon opposite sides thereof and separable therebetween, a plunger

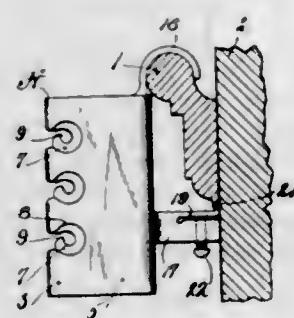
mounted in said body portion, and means fast to said plunger and operatively connected to the pivots of said bottom members, whereby the latter may be swung downwardly to open the same.

1,647,007. VEHICLE HAVING BRAKES. LUDGER ELIZÉ LA BRIE, South Bend, Ind., assignor to Bendix Brake Company, Chicago, Ill., a Corporation of Illinois. Filed Oct. 14, 1925. Serial No. 62,477. 7 Claims. (Cl. 188—194.)



1. A vehicle having an axle, a wheel having a brake swivelled at the end of the axle, and a chassis-supporting spring engaging the axle and distorted by the torque of the brake when applied, and comprising, in combination therewith, brake-operating connections including two joints, one of which is moved in applying the brake from an idle position spaced from the swivelling axis of the wheel to an active position substantially in that axis, and the other of which is moved in applying the brake from an idle position spaced from the axis about which the axle twists when the spring is distorted to an active position in that axis.

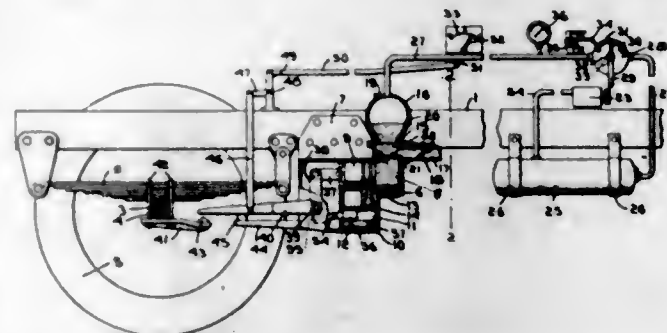
1,647,008. WIRE OR CORD HANGER. WILLIAM H. LAWRENCE, Boston, Mass. Filed July 18, 1924. Serial No. 726,749. 9 Claims. (Cl. 173—251.)



3. A hanger comprising a mounting, a clamping member fixed on said mounting to engage a support, a movable clamping member on said mounting, and an adjustable gripping element carried by the movable member and movable relatively thereto to firmly secure the mounting to said support.

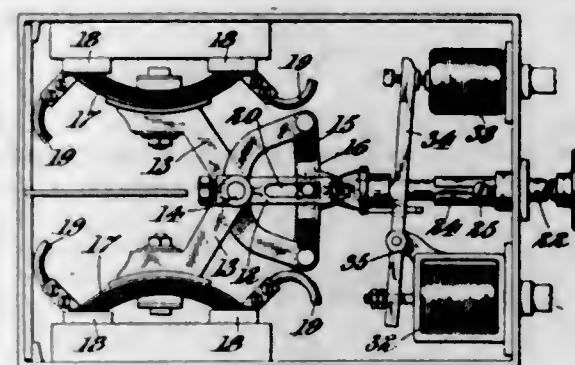
8. A hanger comprising a mounting adapted to be secured to a molding or the like for supporting antennae, said mounting being in the form of a sheet metal blank folded to provide one longitudinal folded edge, insulating material held within said fold, said blank and insulating material being cut out at spaced intervals to provide hooks for supporting antennae therefrom, a hook on said mounting to engage the top of the molding, and means for attaching said mounting to a molding.

1,647,009. SPRING SUSPENSION FOR VEHICLES. RALPH M. LOVEJOY, Boston, Mass. Filed Jan. 4, 1926. Serial No. 79,169. 14 Claims. (Cl. 267—31.)



1. In a vehicle comprising load supporting means and springs supporting the same upon the running gear of the vehicle, supplemental fluid-spring mechanism intermediate of said load supporting means and said running gear operable resiliently to sustain a part of the load upon said springs only when the weight of the load flexes the springs beyond a predetermined amount and means under control of the operator while in driving position for varying the effective action of said fluid-spring mechanism in correlation to the load imposed thereupon.

1,647,010. ELECTRIC-CIRCUIT BREAKER. GORDON SPENCER MARSTON, Westminster, England. Filed Apr. 1, 1927. Serial No. 180,213. and in Great Britain Apr. 12, 1926. 4 Claims. (Cl. 200—106.)

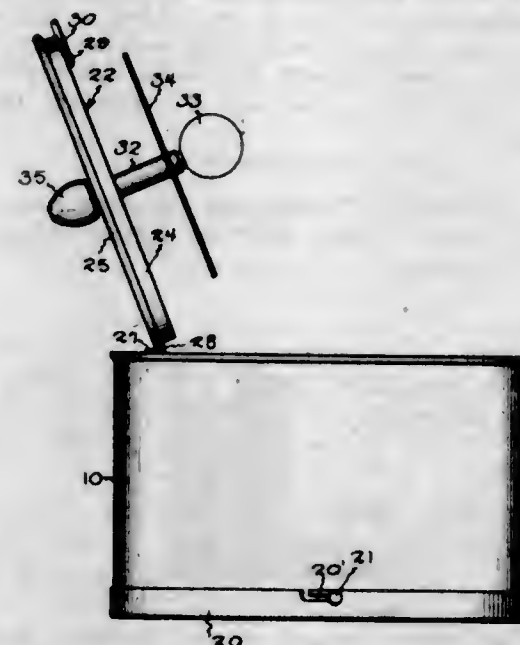


4. A circuit breaker comprising a pair of arms pivoted on a common pin, and each carrying at one end a contact making and breaking member, toggle mechanism and spring means connecting the other ends of said arms, fixed contacts to co-operate with said contact making and breaking members, a push-pull rod, a pair of arms pivotally mounted on said rod on a common pin and having hooked ends to engage the knuckle pin of the toggle, and endwise movable sleeve on said push-pull rod to open said hook ended arms and means to actuate said sleeve.

1,647,011. AUTOMOBILE HEADLIGHT. BENJAMIN MORGAN, Shadyside, Ohio. Filed Apr. 13, 1926. Serial No. 101,797. 2 Claims. (Cl. 240—41.)

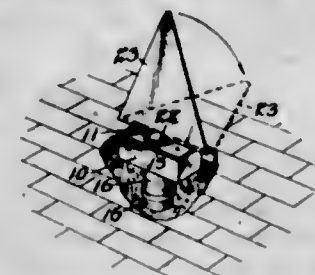
2. In a headlight structure of the character described, a drum member having one end provided with an inwardly directed annular flange having its inner edge turned inwardly to provide an annular rim extending substantially parallel with the side wall of the drum, a reflector body of substantially parabolic contour positioned within the drum and opening through the other end thereof, said reflector body having the central rear portion provided with a relatively large aperture, a door member hingedly secured to said flange and bearing against said rim when in closed position, an incandescent lamp socket projecting through the diametrical center of said door and designed, when the door is closed, to project into said reflector body, and a disc light member of materially greater diameter than the aperture of said

reflector body and having the forward face thereof formed to set up a reflecting surface, mounted upon the forward end of said incandescent light socket and adapted to be



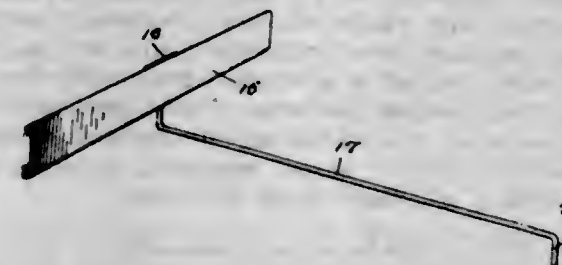
brought to position against the edge of said aperture to close the same, said incandescent lamp socket and reflector disc carried thereby swinging outwardly of the casing upon the opening of said door member.

1,647,012. TRAFFIC SIGNAL. DANIEL MORRIS, St. Petersburg, Fla. Filed Feb. 5, 1927. Serial No. 166,187. 7 Claims. (Cl. 40—125.)



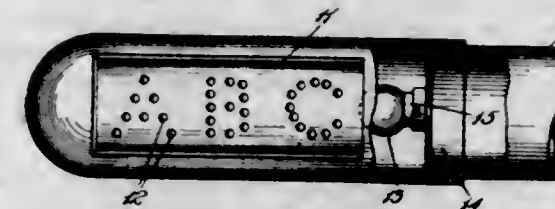
1. A traffic signal comprising a body in the form of a paving block, an oval shaped socket in the upper portion of said body, an oval bearing member in said socket, a signaling element mounted in said bearing member, and means for holding said signaling element in upright position said socket and bearing member permitting the signal to rock in a vertical plane and causing it to return to the proper position, substantially as set forth.

1,647,013. OVEN SLIDE. FREDERICK CRONE PARTRIDGE, Mobile, Ala. Filed Feb. 16, 1927. Serial No. 168,697. 2 Claims. (Cl. 126—337.)



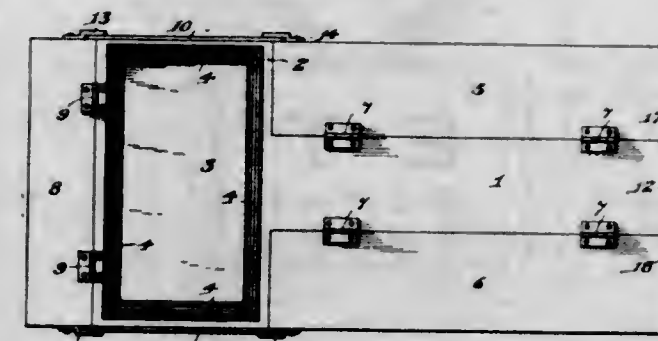
1. In combination with a bake oven rack, a push bar adapted to be positioned at one edge of the rack and slidable over the top thereof and an actuating rod having one end secured to the rack and its opposite end positioned adjacent the other edge of the rack to slide the bar.

1,647,014. COMBINED BUMPER AND ADVERTISING MEDIUM. ALBERT W. PATTISON, Lockport, N. Y. Filed Oct. 9, 1925. Serial No. 61,488. 5 Claims. (Cl. 40—133.)



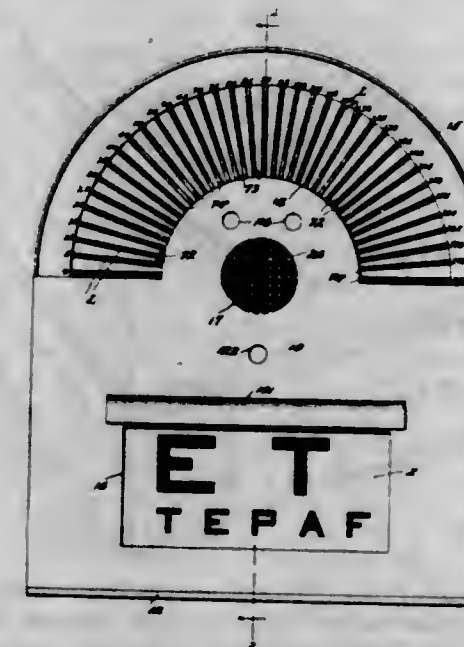
1. A combined bumper and advertising medium comprising an impact member, a removable hollow cap applied to each terminal of said member and having an opening formed therein, advertising matter secured in and closing said opening, and a lamp contained in said cap and serving to illuminate said advertising matter.

1,647,015. GRAVE-MARKER MOLD. ERNEST H. PINKERTON, Harlingen, Tex. Filed May 31, 1927. Serial No. 195,491. 7 Claims. (Cl. 25—121.)



1. A mold comprising a bottom member including a head and a stem, wall forming members hinged to opposite sides of said stem, co-extensive therewith and opposing the inner side of the head, a wall forming member hinged to the outer side of the head, said wall forming members extending above said bottom member, keepers carried by said wall forming members, and combined latching and wall forming plates engaging with said keepers for connecting the wall forming members in position with respect to the bottom member to provide a molding cavity.

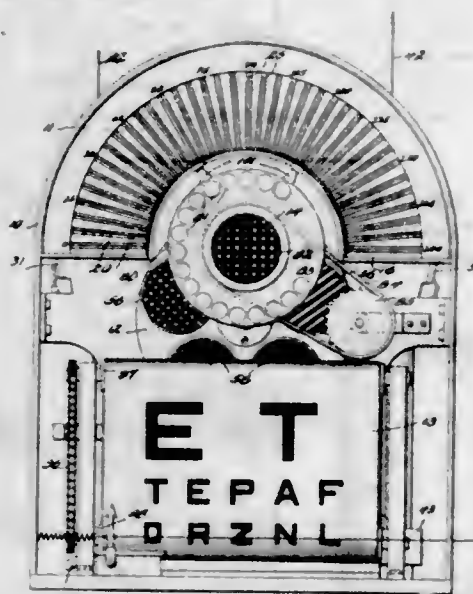
1,647,016. OPTICAL APPARATUS. WILLIAM P. REAVES, Greensboro, N. C. Filed Sept. 20, 1922. Serial No. 589,463. 24 Claims. (Cl. 88—20.)



1. In an eye testing apparatus of the class described, in combination, a support, a plurality of chart elements each having one or more symbols thereon by means of which

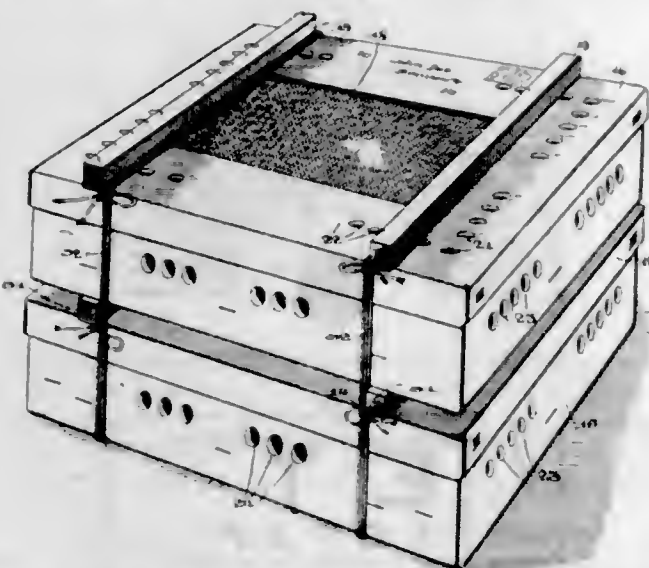
the eyes of an observer may be subjected to an objective test, a member movably mounted on the support and upon which the chart elements are mounted for rotation about their individual axes, the movable member being designed and constructed to bring the chart elements successively to the same position for successive observation, and means for rotating the chart element under observation about its axis, for the purpose set forth.

1,647,017. OPTICAL APPARATUS. WILLIAM P. REAVES, Greensboro, N. C. Filed Aug. 1, 1925. Serial No. 47,597. 14 Claims. (Cl. 88-20.)



1. Eye testing apparatus including in combination, a casing having a front plate provided with a plurality of view apertures, a disc rotatably supported on said front plate in rear thereof and disposed concentrically with respect to one view aperture, said disc supporting translucent color elements which will be successively brought into alignment with a second view aperture when the disc is rotated, so as to be visible from the front of said front plate, means for rotating said disc, and a stationary lighting means in rear of said disc for illuminating the same.

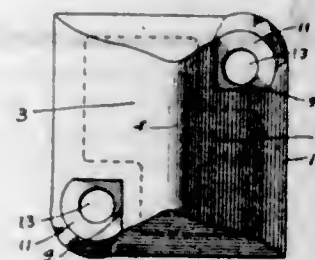
1,647,018. SHIPPING BOX FOR CHICKENS. FRED W. RUEBENSAAL, Rockford, Ill. Filed Nov. 16, 1926. Serial No. 148,752. 2 Claims. (Cl. 229-6.)



1. A device of the character described comprising a pair of shipping boxes, with one box located in superimposed relation with the other box, said boxes having at the upper end thereof an opening, a removable cover for the open end, each cover being provided with an opening therein, cleats secured to each cover and having

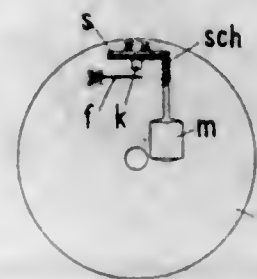
one edge disposed adjacent an edge of the opening, the opening in the cover of the superimposed box having a screen extending across thereof and secured to the inner face of the cover, the opening in the lower box being located in protected relation by the bottom of the superimposed box and spaced from said box by the cleats secured to the cover thereof, the boxes being provided with side walls having openings therethrough for the circulation of air.

1,647,019. GROUSER. THEODORE G. SCHMEISER, San Francisco, Calif. Filed Mar. 30, 1927. Serial No. 179,537. 3 Claims. (Cl. 301-44.)



3. A wedge shaped grouser of the character described having diagonally opposite edges recessed to present seats for the heads of bolts extending through perforations in said seats, the walls of the recesses being arranged at an angle to prevent said heads from turning, said recesses lying within the confines of the base of the wedge.

1,647,020. SPEED-REGULATING SYSTEM. KARL SCHMIDT, Berlin, Germany, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Filed Jan. 15, 1924. Serial No. 686,432. and in Germany Jan. 13, 1923. 5 Claims. (Cl. 200-80.)



1. A speed regulator for an electric motor comprising a rotating disk, a contact supported by said disk, a resilient member mounted thereon, a contact carried by said resilient member, and arranged to be opened and closed with respect to said contact supported by said disk, said resilient member being arranged for effecting contact once for each revolution of said disk, the frequency of closing and opening of said contact being directly dependent upon the speed.

1,647,021. ELECTROLYTE SEAL AND PROCESS OF MAKING THE SAME. ERWIN A. SCHUMACHER, Brooklyn, N. Y., assignor to National Carbon Company, Inc., a Corporation of New York. Filed Oct. 16, 1923. Serial No. 608,946. 8 Claims. (Cl. 136-163.)

1. Process of sealing liquids to prevent evaporation and contamination by gases, comprising covering the solution with a non-fluent layer of a soap.

1,647,022. FELT BATT. HARRY M. SOTT, Chickasha, Okla. Filed Feb. 26, 1927. Serial No. 171,357. 1 Claim. (Cl. 154-54.)

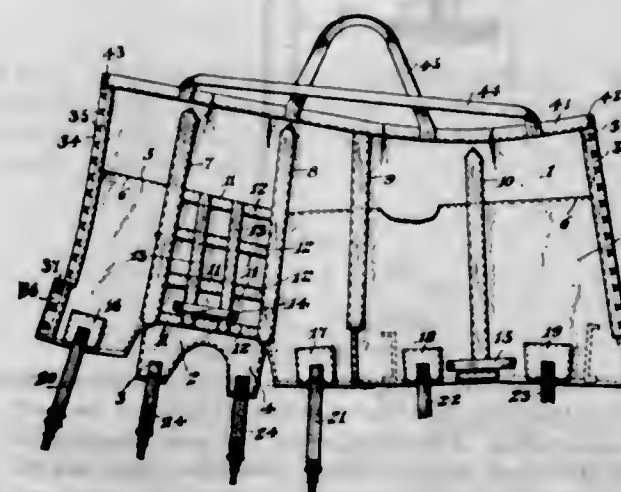
A felt batt formed of a single strip of felt, a portion of the felt being folded upon the main body with one edge of the folded portion terminating short of the opposite

edge to provide a pair of overlapped sections, the remaining portion of the felt being folded over the first mentioned edge for embracing said free edge, the folded sections being again folded midway of the edges so that



the second mentioned free edge of the strip of felt will be embraced by the folded overlapped sections and a strip of gummed paper located between the last mentioned folded portions.

1,647,023. GIRDLE BRASSIÈRE. SARAH E. B. SHEPARD, Lowell, Mass. Filed Jan. 29, 1926. Serial No. 84,663. 1 Claim. (Cl. 2-36.)

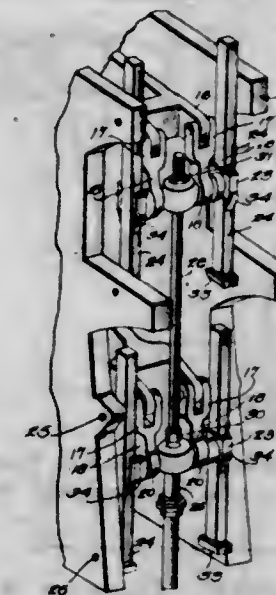


A combined girdle and brassière, having, in combination, a flexible body member provided with means for connecting it in band like form on the wearer, said body member having its upper portion of greater flexibility throughout than its lower portion, said upper and lower portions providing respectively a brassière part and a girdle part, spaced transversely extending flexible stay members disposed throughout the inner face of said body member, secured to said brassière part and extending out and secured to said girdle part, a pair of the said stay members positioned between the vertical median and one end of the body member, superposed, spaced parallel longitudinally extending flexible stay elements secured solely to said girdle part and arranged between and extending to said pair of stay members, and spaced, parallel transversely extending stay elements secured against said longitudinal stay elements and arranged solely on said girdle part, the upper one of said longitudinal stay elements positioned at the top of the girdle part and the lower one of said longitudinal stay elements positioned above the bottom of said girdle part, said transverse stay elements having their ends secured to the upper and lower longitudinal stay elements.

1,647,024. PUMP-ACTUATING MECHANISM. JOHN E. SHUTT, Stuttgart, Ark., assignor to Louis A. Shutt, Stuttgart, Ark. Filed Mar. 1, 1926. Serial No. 91,599. 6 Claims. (Cl. 74-14.)

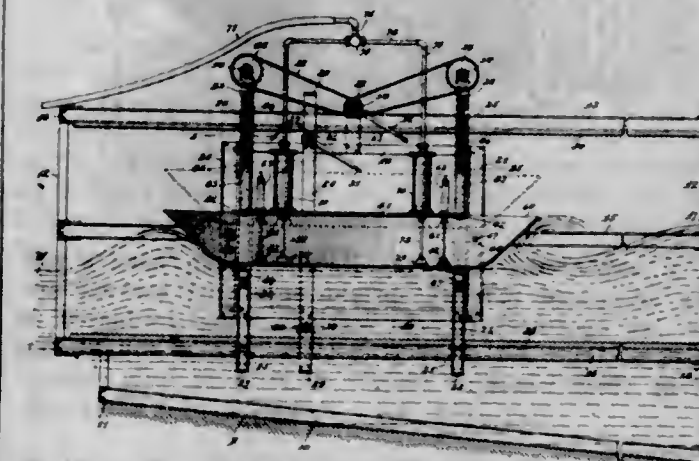
1. In a device of the character described, upper and lower pivoted levers, means for oscillating said levers, a cross head connected to each of said levers, a tubular member connected to the lower cross head, a rod extend-

ing through said tubular member and said lower cross head and connected to said upper cross head, a pair of upper guide rods for said upper cross head, and a pair



of lower guide rods for said lower cross head, the adjacent ends of said guide rods being spaced from each other.

1,647,025. WAVE MOTOR. FERDINAND STICH, New York, N. Y. Filed June 7, 1927. Serial No. 197,131. 8 Claims. (Cl. 253-10.)

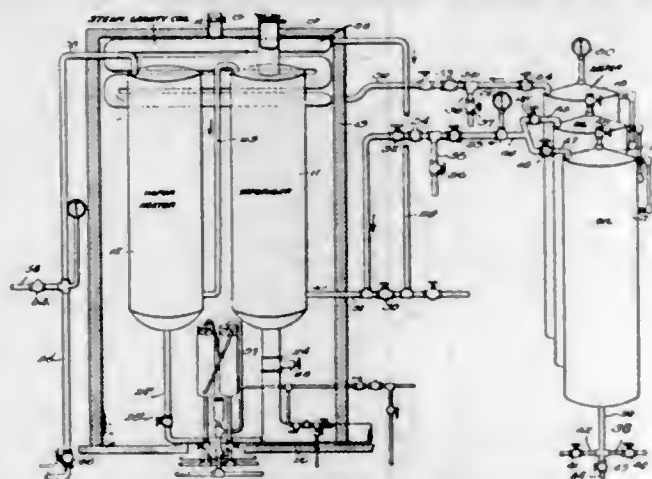


1. A wave motor, including a main framework seated on the bed of the body of water in which the apparatus operates, a carriage mounted for longitudinal movement in the framework to compensate for the advancement and recession of the shore-line, a platform supported by the carriage and vertically adjustable with respect to the carriage to compensate for the rise and fall of the tide, and a float carried by the platform and movable with respect thereto by the action of the waves.

1,647,026. PROCESS FOR DESTRUCTIVE DISTILLATION OF HYDROCARBONS. CHARLES WORTH TURNER, New York, N. Y. Filed July 25, 1923. Serial No. 853,722. 1 Claim. (Cl. 196-63.)

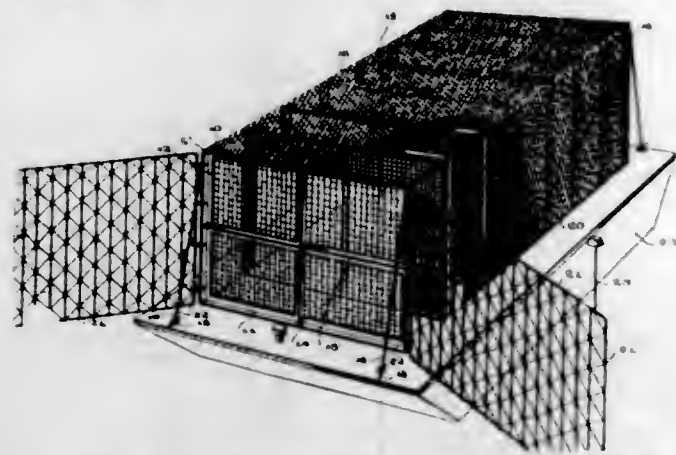
The herein described process of distilling hydrocarbon oil, consisting in forming a mixture of oil and steam in one of a pair of large vertical containers, heating the mixture, causing the same to flow in a restricted stream to the bottom of the other container, whereby it is caused to expand and flow vertically to the top of the latter, conducting the heated vapor in a restricted stream to the bottom of one of another pair of large vertical containers, whereby it is again caused to expand and travel in a vertical direction to the top of the same, heating the second pair of containers to a very high tempera-

ture, conducting the heated vapor in a restricted stream to the bottom of the other container, whereby it is caused



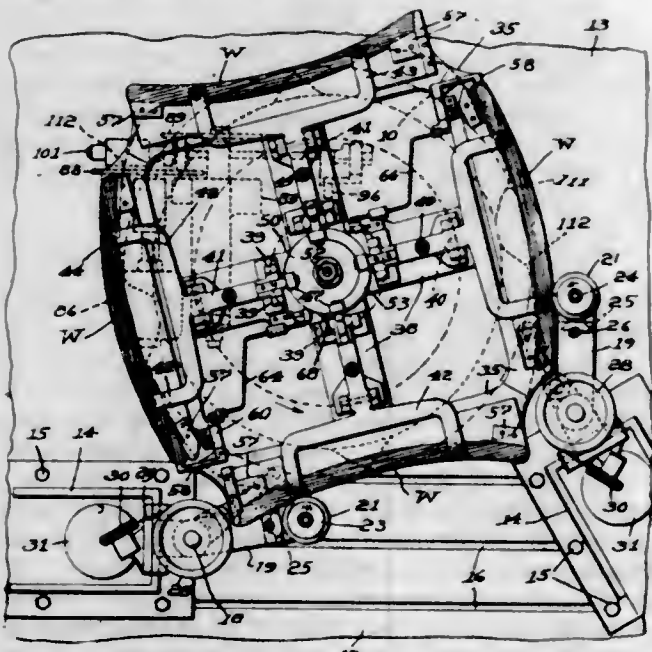
to expand and is heated therein to a temperature of approximately 2000° F. and subsequently fractionating the vapors.

1,647,027. FISH TRAP. LAWRENCE WAGNER, Sedalia, Mo. Filed Jan. 4, 1927. Serial No. 158,982. 7 Claims. (Cl. 43-100.)



1. A trap of the character described comprising a plurality of spaced parallel upright apertured snaring sections, the apertures of said sections being graduated as to size so that fish of varying sizes may be caught and held by their heads.

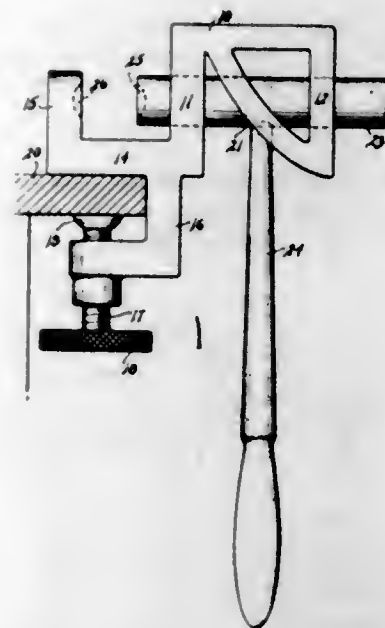
1,647,028. WOOD-SHAPING MACHINE. WILLIAM M. WHITNEY, Winchendon, Mass. Filed Aug. 19, 1926. Serial No. 130,161. 24 Claims. (Cl. 144-144.)



1. In a shaping machine, the combination of a work support mounted to feed the work toward the cutters,

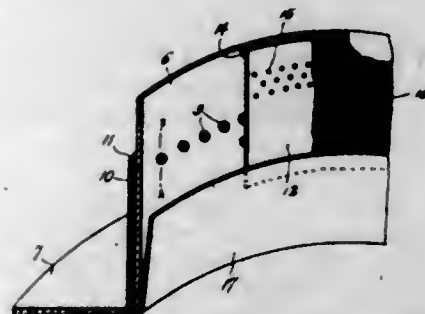
a pair of cutters both mounted for movement toward and from the work support and relatively to each other, guide means for controlling the engagement of the cutters with the work, to give the work the desired curvature, and independent means for automatically moving the cutters away from the work and said guide means to thereby control the engagement of the different cutters with different portions of the work.

1,647,029. NUTCRACKER. WILLIAM THOMAS WILLIAMS, Waco, Tex. Filed Apr. 22, 1925. Serial No. 25,046. 2 Claims. (Cl. 146-16.)



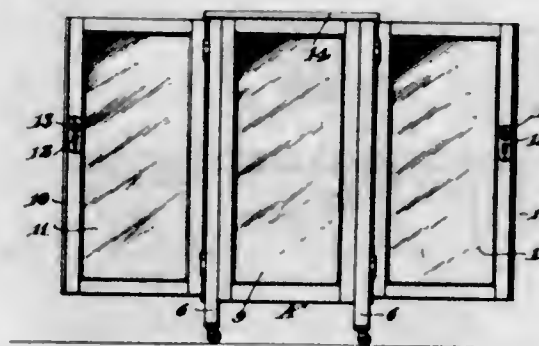
1. A nut cracker comprising a base, a clamp depending therefrom, an abutment rising from one end of the base and having a depression in one side thereof, an inverted U-shaped portion rising from the other end of the base, a plunger rotatably and slidably supported on the U-shaped portion, a handle carried by the plunger, and means carried by the U-shaped portion and arranged in the path of said handle whereby the plunger is moved in the direction of the abutment when the handle is elevated to rotate the plunger.

1,647,030. VENTILATED HAT. VICTOR ZIMMERMAN, Holyoke, Mass. Filed Dec. 10, 1926. Serial No. 153,908. 1 Claim. (Cl. 2-176.)



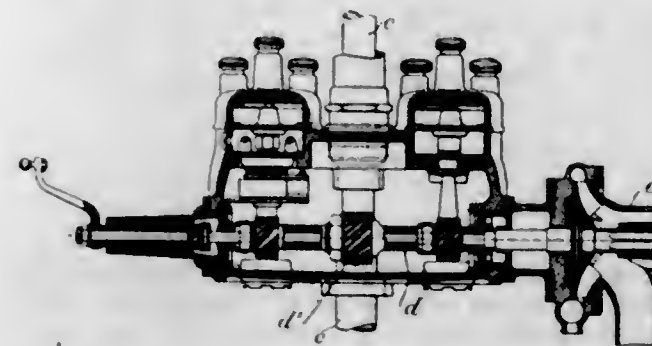
In a ventilated hat, and in combination, a side wall having a plurality of spaced openings therein, tubular rivets disposed in said openings and having flanges at the inner and outer sides of the side wall of the hat, a cloth hat band disposed about the side wall of the hat over the said openings and the outer flanges of the rivets and a paper lining interposed between said band and the side wall of the hat and held by the outer flanges of the rivets against casual movement and having openings registered with the openings through the tubular rivets.

1,647,031. WARDROBE. FORREST ADDITON, Flowery Branch, Ga. Filed Sept. 10, 1926. Serial No. 134,735. 2 Claims. (Cl. 312-172.)



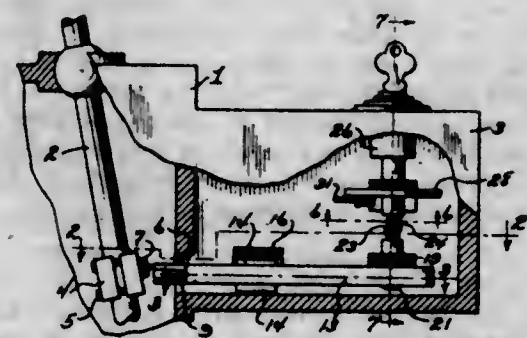
1. In a wardrobe of that type provided with a closed top, bottom, front, rear and a pair of opposed open sides, the combination of a pair of opposed oppositely shiftable doors hinged to the sides of the front, a mirror secured in the outer face of each of said doors, and a mirror secured in the outer face of said front.

1,647,032. GEAR-WHEEL TRANSMISSION. MARC BIRKIGT, Bois Colombes, France. Filed July 18, 1924. Serial No. 726,874, and in Belgium July 18, 1923. 8 Claims. (Cl. 188-83.)



1. A transmission for internal combustion engines of the class specified, comprising a driving shaft and driven mechanism including a water cooling unit, gear devices between the driving shaft and driven mechanism, and braking means within the water cooling unit and operating to maintain the gear devices between the driving and driven mechanism in constant engagement.

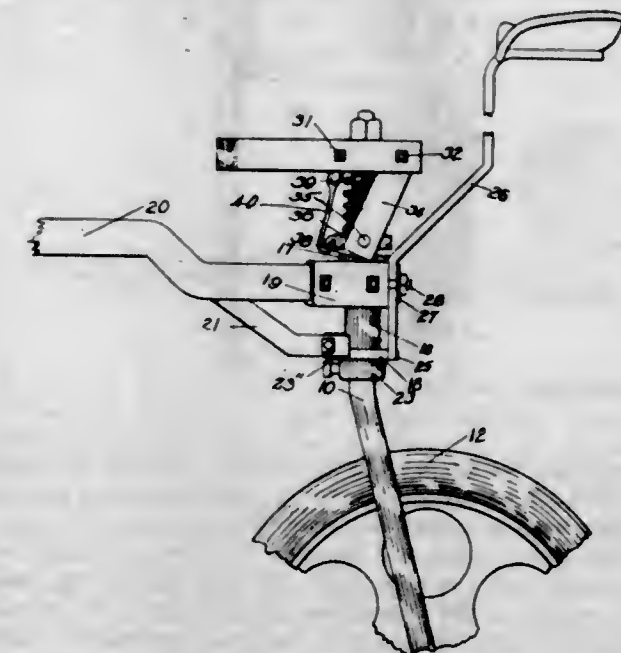
1,647,033. GEAR LOCK. LEELEND FRANCIS BROWN, Knoxville, Tenn. Assignor of one-half to Kenneth W. Dennis, Knoxville, Tenn. Filed Nov. 19, 1926. Serial No. 149,470. 5 Claims. (Cl. 70-128.)



1. The combination with a gear shift type of automobile, including a gear shift lever therefor, of a means for locking the lever when the same is moved to shift the gears in reverse position, said means including a

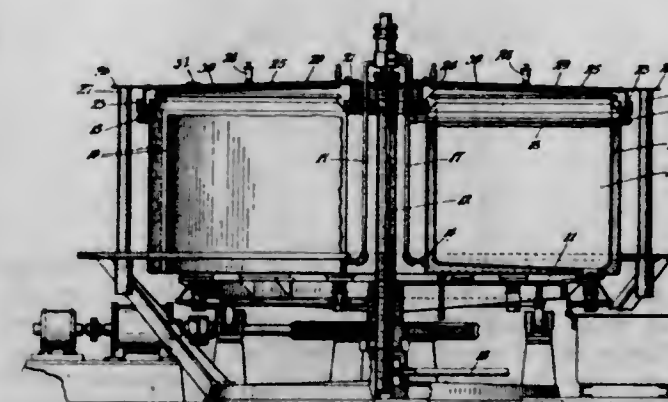
longitudinally movable block, a swingable guide for the block and a key operated bolt for engaging the block when the latter has been moved by the lever or the latter is brought to reverse position.

1,647,034. STEERING GEAR. LEON W. CHASE, Lincoln, Nebr., assignor to Chase Plow Company, a Corporation of Nebraska. Filed Jan. 3, 1927. Serial No. 158,792. 5 Claims. (Cl. 280-57.1.)



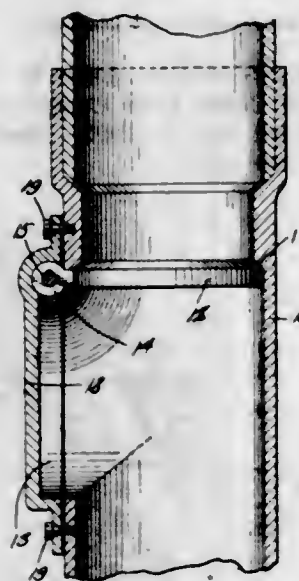
5. In combination with a vehicle frame and a steering wheel having a vertical post, a pair of divergent foot levers secured to said post and projecting forwardly therefrom and terminating in foot rests, a latch on said post for normally preventing steering movement thereof and a link connection between said foot levers and said latch for releasing said latch and thus permitting the steering of said vehicle frame through said foot levers.

1,647,035. PASTEURIZING APPARATUS. ALBERT J. DAVIS, New York, N. Y. Filed Jan. 12, 1927. Serial No. 160,549. 11 Claims. (Cl. 257-208.)



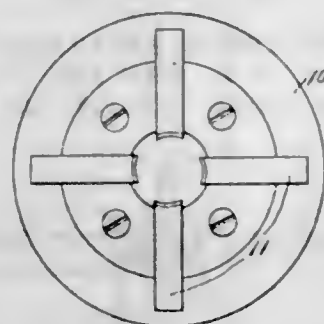
5. A milk-pasteurizing apparatus comprising a plurality of holders rotatable about a common axis, a water jacket for each holder, a bridge extending across the top of the apparatus and having an aperture, means passing through said aperture for circulating water through said jackets, a pair of annular members carried by said jackets and forming troughs therewith, a plurality of cover sections pivoted to said bridge, each cover section having a peripheral flange depending into one of said troughs, a support associated with each of said cover sections, and a flange depending from said bridge into the other of said troughs.

1,647,036. PIPE FITTING. DOMINICK DILEO, Utica, N. Y. Filed Dec. 24, 1924. Serial No. 757,884. 1 Claim. (Cl. 251-10.)



In a pipe fitting, a tubular member having a beveled concentric valve seat, a beveled disk valve cooperating with the seat, a removable cover having a socket and a chamber offset from the tubular member, an apertured lug integral with the disk valve, the said lug fitting snugly in the socket of the cover, and pivoted on a pin passing through the aperture in the lug and extending beyond the cover, a rod on the extended end of the pin serving as a handle for the disk valve, and a packing means around the pin.

1,647,037. PROCESS OF CUTTING THREADS. ERNEST DUCHESNE, Schenectady, N. Y., assignor to Landis Machine Company, Waynesboro, Pa., a Corporation of Pennsylvania. Filed Nov. 11, 1924. Serial No. 749,254. 1 Claim. (Cl. 10-59.)

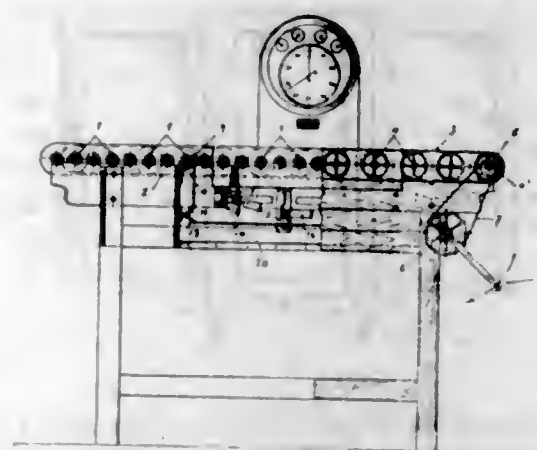


The process of cutting a thread on the tapered portion of a bolt having a cylindrical shank and a head tapering toward said shank consisting in cutting threads from the larger end toward the cylindrical shank by means of a die head having a set of chasers that approach each other during such cutting operation, and withdrawing the chasers before engagement with the shank can occur, substantially as set forth.

1,647,038. WEIGHING MACHINE. JOSE LOPEZ ECHANIZ and FULGERIO GARCIA MANSILLA, Buenos Aires, Argentina, assignors of one-third to Manuel Lopez Echaniz, one-third to Jose Lopez Echaniz, and one-third to Prudencia Garcia Mansilla, Buenos Aires, Argentina. Filed Dec. 9, 1924. Serial No. 754,837. 5 Claims. (Cl. 265-62.)

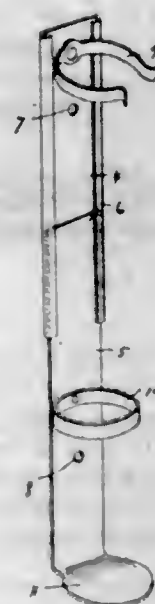
1. In a combined conveying and weighing machine, the combination of a rigid frame, a scale, a set of conveying

rollers mounted partly on said rigid frame and partly on a vertically movable frame forming the platform of said scale, weighing mechanism in connection with the said



movable frame, weight indicating dials mounted on said rigid frame, and means to move the pointers of said weight indicating dials in proportion to the weight resting on the said movable frame, substantially as described.

1,647,039. SYRINGE HOLDER. ROBERT L. FISCHER, Larchmont, N. Y. Filed Apr. 7, 1927. Serial No. 181,824. 1 Claim. (Cl. 248-20.)

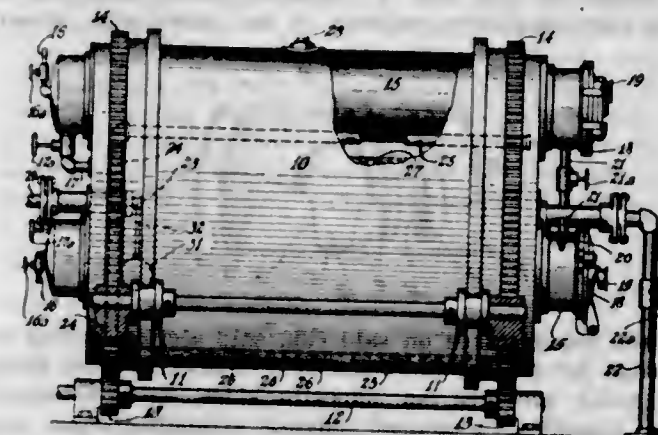


A holder for the purpose described, comprising body sections, one section being flanged and the other being telescopically arranged in the flanged section, whereby the body may be increased or diminished in length, and one section of the body being equipped at its lower end with a drip cup, a clip on the upper section of the body and adapted to receive and hold the bulb of a syringe, and an open retainer carried by the other body section and adapted to receive the nozzle of a syringe and to retain the syringe in such position that any drippings from said nozzle will be disposed in said cup.

1,647,040. VULCANIZING APPARATUS. ROY D. FRITZ, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y., a Corporation of New York. Filed Aug. 7, 1926. Serial No. 127,837. 6 Claims. (Cl. 18-6.)

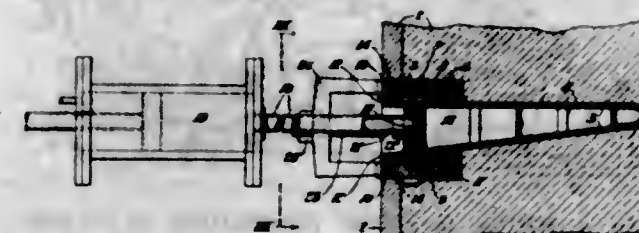
1. Vulcanizing apparatus comprising a container for the articles to be vulcanized, a container for a body of

liquid, means for lowering the first container into and lifting it from the liquid in the second container, and means for opening and closing communication between



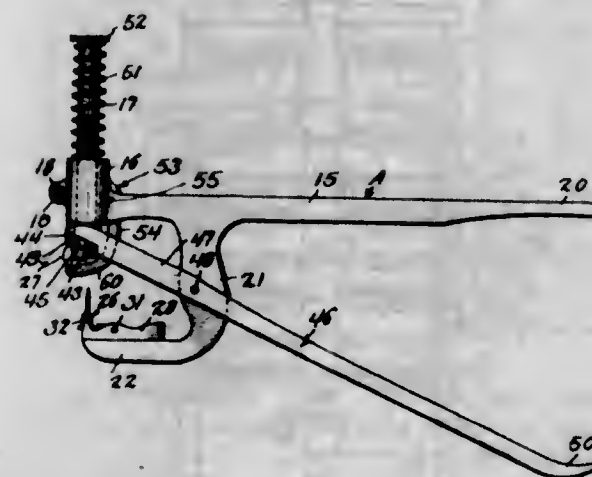
the interiors of the two containers, the first said container being mounted for planetary rotation to lower it into and lift it from the liquid.

1,647,041. BOSH COOLING PLATE. FREDERICK H. N. GERWIG, North Braddock, Pa. Filed Oct. 16, 1924. Serial No. 743,978. 7 Claims. (Cl. 122-6.)



1. A bosh cooling plate comprising a hollow body portion, inlet and outlet openings communicating with said hollow body portion to provide for the circulation of a cooling fluid therethrough, said body portion being provided with a vertically disposed opening adjacent its rear end and a horizontal opening in its rear end intersecting said vertical opening, said openings co-operating to form a passageway to permit the forcing of a sealing medium under pressure around said plate after said plate is in final position.

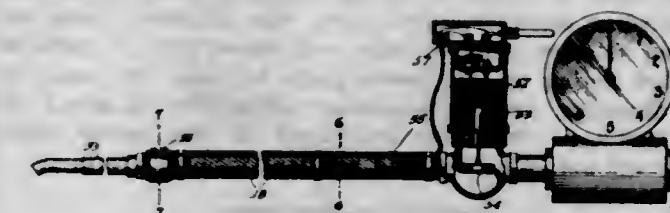
1,647,042. TOOL FOR APPLYING SHOE BUTTONS. SIDNEY GREENWALD and SALVATORE CASCIO, Brooklyn, N. Y. Filed Apr. 30, 1926. Serial No. 105,855. 11 Claims. (Cl. 218-23.)



1. A buttoner comprising a rigid handle, a plunger slidably carried by the forward end of the handle having a fastener shaping anvil and a button holding means, a

foot arranged in substantial parallel relation to the handle, a fastener holder carried by the foot, an operating handle pivotally connected with the first mentioned handle for the plunger, and an ejector arm operated by the plunger and movable toward and away from the inner end of the plunger.

1,647,043. LIQUID-DELIVERY CONTROL. JOHN J. HAWKHURST, Brooklyn, N. Y., assignor, by direct and mesne assignments, to Liquid Dispensing Systems, Inc., Brooklyn, N. Y., a Corporation of New York. Filed Jan. 31, 1927. Serial No. 164,779. 2 Claims. (Cl. 221-67.)



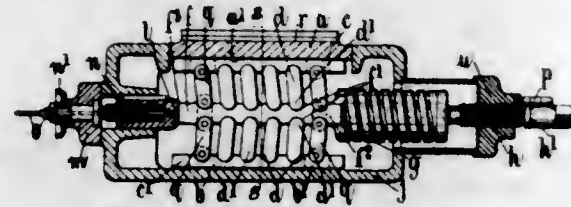
1. A "dry host" liquid delivery system comprising, in combination, a liquid supply line, a delivery hose connected with said supply line, a flow meter in the supply line at the entrance to said delivery hose for continuously metering any amounts of liquid discharged from said hose, a normally closed delivery valve in said liquid supply line and directly operable to control admission of liquid from the supply line to said hose and control means at the discharge end of said hose for effecting the opening of said delivery valve and for holding said valve open to discharge in a continuous flow any desired metered quantities of liquid from the hose.

1,647,044. DISPLAY DEVICE FOR WATER BOTTLES. WINFIELD L. HENSEL, Akron, Ohio, assignor to The Miller Rubber Company, Akron, Ohio, a Corporation of Ohio. Filed Jan. 21, 1927. Serial No. 162,511. 4 Claims. (Cl. 40-20.)



1. An advertising attachment for water bottles comprising spaced parallel sheet members having side and bottom edges disposed in substantially right angular relation and cross webs connecting said side and said bottom edges respectively, said members and cross webs being formed from a single sheet of material, and said bottom cross web having an integral extension overlying the edge of the member at the back of the bag, said back member having a slit and said extension a tongue engaging the slit.

1,647,045. RELIEF MECHANISM. FRANK HUMPHREIS, Parkstone, England. Filed Nov. 8, 1926. Serial No. 147,150, and in Great Britain Oct. 21, 1925. 6 Claims. (Cl. 267-1.)



1. An apparatus of the class described, comprising a press table, a frame in which the said table is slidably mounted, a movable bearer-plate, edge pressure plates arranged between the said table and bearer-plate, a resilient member acting on the bearer-plate to move the same in one direction, and an abutment adjustably mounted on the frame to limit the movement of the bearer plate under the action of the said resilient member.

1,647,046. VANITY CASE AND EJECTOR THEREFOR. WILLIAM G. KENDALL, Newark, N. J. Original application filed Dec. 22, 1926, Serial No. 156,479. Divided and this application filed Mar. 23, 1927. Serial No. 177,718. 5 Claims. (Cl. 132-82.)



3. A compact holding ring for vanity cases, comprising a ring having a horizontal portion and a vertical wall, said portion and wall having a depressed section depressed sufficiently to permit the entrance of a tool beneath part of a compact fitted within said ring whereby the compact may be ejected by an upward movement of that part of said tool extending beneath said compact.

1,647,047. RUNNING GEAR FOR WAGONS. FRANK MARION KENNEDY, Clarendon, Ark. Filed May 12, 1926. Serial No. 108,587. 15 Claims. (Cl. 280-125.)

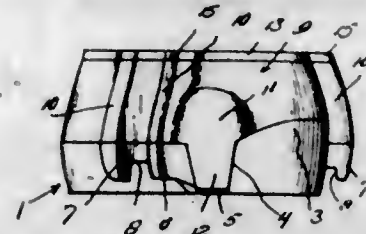


1. A running gear for wagons having a metal yoke including a body portion and arms extending forwardly from the body portion, the body portion having a flat rear face of substantial area and a pivotal connection at the rear end of the yoke adapted to pivotally connect the same to the reach rod and comprising a U-shaped bracket having a body portion provided with a flat forward face flatly engaging the rear face of the body portion of the yoke, a pivot bolt and nut for pivotally securing the body portion of the yoke to the body portion of the bracket, the bracket having means whereby it may be secured to the reach rod.

1,647,048. DENTAL FLASK. MALVERN D. KING, Gatesville, Tex. Filed Nov. 23, 1926. Serial No. 150,291. 1 Claim. (Cl. 18-33.)

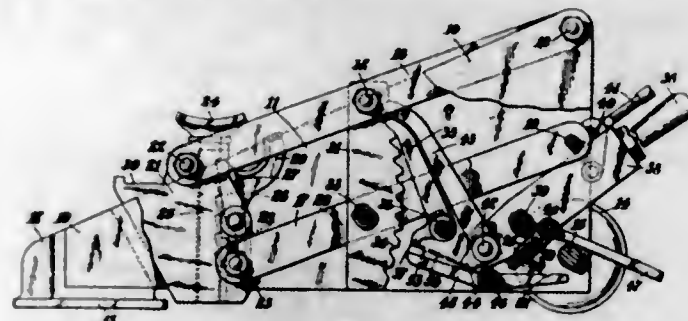
A dental flask comprising a base section including a flat bottom having a marginal upstanding flange including a comparatively low front portion, and correspondingly low side portions merging into a pair of raised cheek portions disposed substantially diametrically opposite to said front portion, the side portions of said rim being thickened

somewhat at the juncture thereof with said cheek portions, and being provided with vertically extending V-shaped grooves, the length of said grooves being equal to the height of said rim, a ring-like extension having its lower edge shaped to conform to the upper edge of said



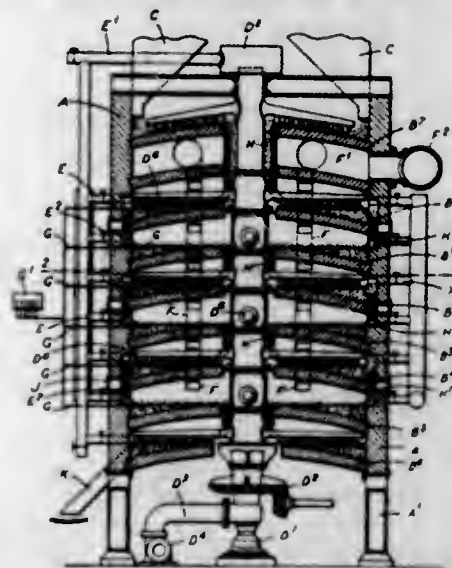
rim and being seated on said rim, said section having its top edge flat for the reception of a removable cover plate, and being provided on opposite sides with outwardly offset depending V-shaped tongues extending down into said grooves, and a cover plate.

1,647,049. LIFTING JACK. ARTHUR ERNEST LAKE, Bishops Stortford, England. Filed Nov. 28, 1925. Serial No. 71,931, and in Great Britain May 6, 1925. 11 Claims. (Cl. 254-3.)



1. In a lifting jack, the combination of a body, a beam pivotally mounted on the body to swing about a horizontal axis near one end thereof, a crutch member carried by the beam at the free end thereof, a hand-lever pivoted on the body to swing about a horizontal axis, and means so operatively connecting the hand lever with the beam as to provide a compound lever, which means comprise a rack member secured on said beam between its axis of pivoting and said crutch member, and a lifting pawl arranged to engage said rack member and to be reciprocated by said hand-lever.

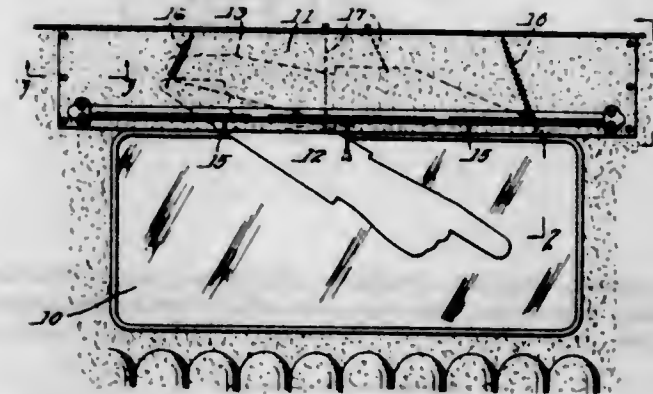
1,647,050. MEANS FOR ROASTING METALLIC ORES. HENRY SQUAREBRIGGS MACKAY, London, England. Filed Apr. 23, 1923, Serial No. 634,124, and in Great Britain May 19, 1922. 2 Claims. (Cl. 263-26.)



1. A multiple hearth ore-roasting furnace constructed to secure accurate regulation of the roasting conditions on each hearth independently of the others, having in

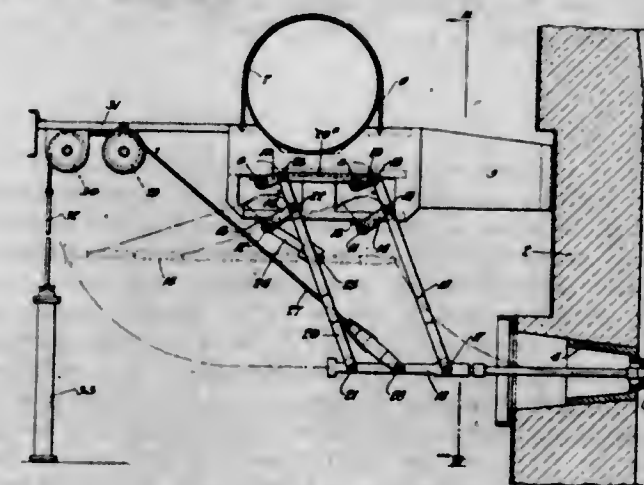
combination conduits for conducting the ore from hearth to hearth arranged adjacent the inner and outer edges respectively of successive hearths and adapted to be maintained substantially full of ore throughout the roasting operation so as to isolate the ore for the time being on each hearth, mechanically rotated arms for crowding the ore into said conduits, independently controllable means for supplying fuel to each hearth, independently regulatable means for admitting air to each hearth, and means for controlling the exhaust of hot gases from each hearth independently of the others.

1,647,051. DIRECTION SIGNAL. DANIEL H. NOYES, Athol, Mass. Filed May 8, 1926. Serial No. 107,738. 2 Claims. (Cl. 116-45.)



1. In a direction signal, the combination with a movable signal at the rear, and a flexible cord for operating it, of a casing located at the dash for receiving the operating end of said cord, a spring in the casing against which the operating end is adapted to press when pulled downwardly, said casing having a vertical slot there-through provided with an enlargement at the bottom, a rod on the end of the cable projecting through said slot, a plate on the rod behind the wall adapted to be pressed closely against it when in contact with said spring, a disc on the rod adapted to enter the enlargement and positively hold the cable down, and a button on the rod outside the casing for raising and lowering it, whereby the cable will be held down when forced to the bottom of the slot.

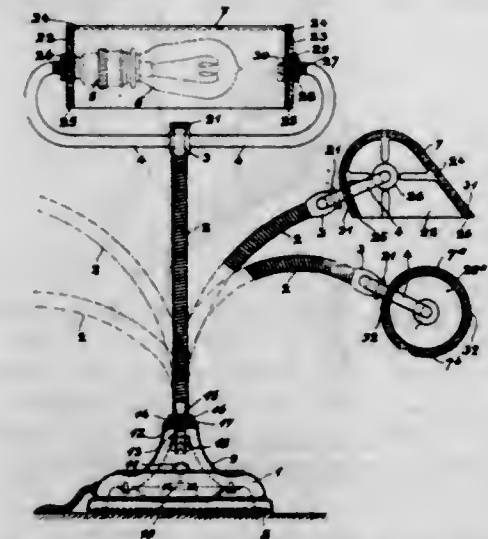
1,647,052. BOTTING APPARATUS. ALFRED OSOLIN, Cleveland, Ohio. Filed Nov. 9, 1925. Serial No. 67,775. 5 Claims. (Cl. 266-42.)



5. The combination with a cylinder notch tuyere of a botting bar adapted to close said tuyere, a support, link members connected at one end to longitudinally spaced points of said bar, means forming a swinging pivoted connection between the other end of said links and said support, means for tying the upper ends of said links together so as to compel uniform movement thereof, both of said means cooperating to compel the upper ends of

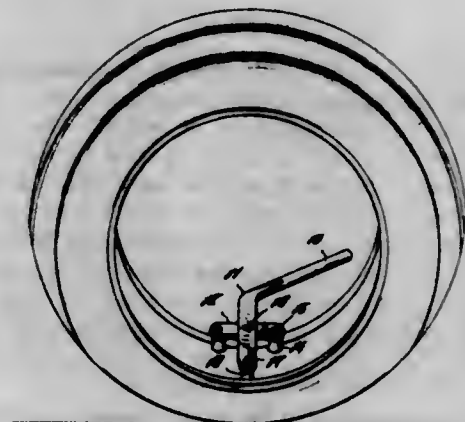
said links to move simultaneously through duplicate segments of a circular path when a rearwardly and upwardly or a downwardly and forwardly directed force is applied to said bar, thereby maintaining said bar horizontal during a swinging vertical movement to withdraw or enter said bar into said tuyere, power operated means for swinging said bar rearwardly to withdraw said bar from said tuyere, and gravity operated means for moving said bar forwardly into said tuyere.

1,647,053. PEDESTAL LAMP. ROBERT PFÄFFLE, Schwenningen-on-the-Neckar, Germany. Filed Feb. 12, 1926, Serial No. 87,904, and in Germany Oct. 22, 1924. 2 Claims. (Cl. 240-81.)



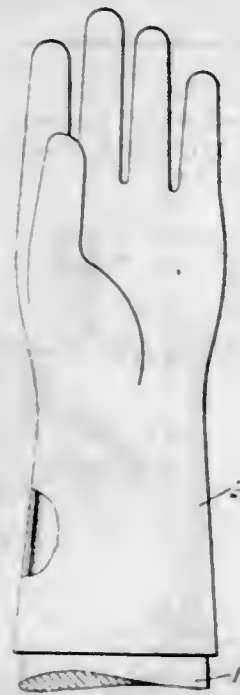
1. A pedestal electric lamp, comprising in combination a lamp foot, a switch in said lamp foot, a disk on the top end of said lamp foot, two stops on said disk, a lamp arm made of a flexible metal tube, a nipple on the lower end of said lamp arm and inserted into the top end of of said lamp foot and traversing said disk, a horizontal abutment pin in said nipple so that said nipple and with it said lamp arm can be rotated in said lamp foot between said stops of said disk along a semi-circle on the front side of said lamp foot and along a semi-circle on the rear side of said lamp foot after said lamp has been bent to make the said abutment pin engage between said stops from the rear side, a connecting piece on the top end of said lamp arm, a holder in said connecting piece, a lamp in said holder, and a lamp shade rotatably mounted in said holder so that this lamp shade can be adjusted into any desired position.

1,647,054. TIRE SPREADER. CHESTER P. PRICE, San Antonio, Tex. Filed May 31, 1927. Serial No. 195,451. 3 Claims. (Cl. 152-27.)



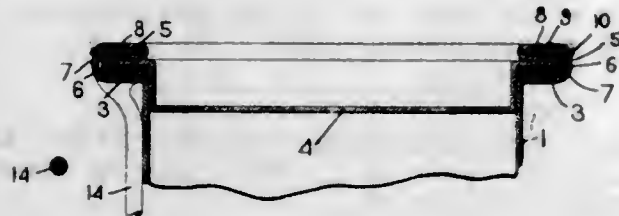
2. A tire spreader comprising a handle member provided with a flattened portion upon one end, a cross bar pivotally mounted upon the flattened portion, and spools carried by the flattened portion and cross bar.

1,647,055. METHOD OF MANUFACTURING LAMINATED ARTICLES. THOMAS G. RICHARDS, Barberton, Ohio. Original application filed Jan. 7, 1925, Serial No. 1,099. Divided and this application filed Dec. 4, 1925. Serial No. 73,156. 5 Claims. (Cl. 154—2.)



1. The method of manufacturing a protective garment for use by X-ray operators comprising dipping a form in a solution of rubber, partially drying the skin of rubber thereby obtained, and while the same is in tacky condition sprinkling a coating of powdered metallic lead over the form.

1,647,056. CAN. HARRY SEBELL, Boston, Mass., assignor to Arthur H. Parker, Lexington, Mass. Filed Jan. 5, 1925. Serial No. 514. 2 Claims. (Cl. 220—61.)

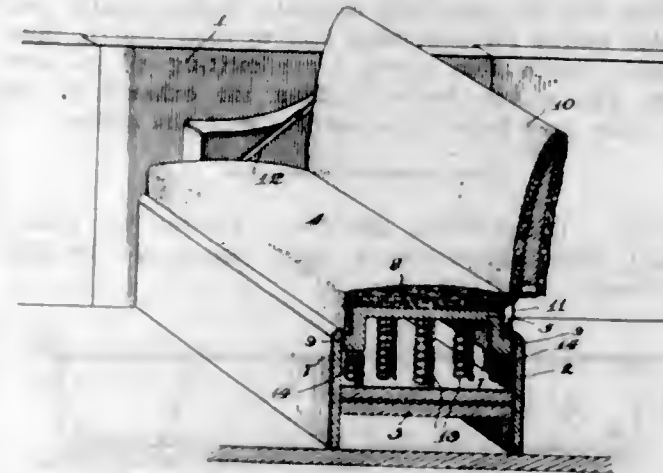


1. In a can, the combination with a can body having a laterally-extending sealing flange, of a can cover having a vertical wall portion adapted to fit within the open top of the can body, said wall portion having formed therein an outwardly-extending fold which constitutes a two-ply sealing flange to cooperate with the sealing flange of the can body, a U-shaped sealing strip embracing said sealing flanges, the upper edge of the wall portion of the cover being bent outwardly to form a one-ply locking flange which overlies the upper leg of the sealing strip.

1,647,057. AUTOMOBILE SEAT. WILLIAM SHEETS, Portsmouth, Ohio. Filed Aug. 2, 1926. Serial No. 126,698. 5 Claims. (Cl. 155—53.)

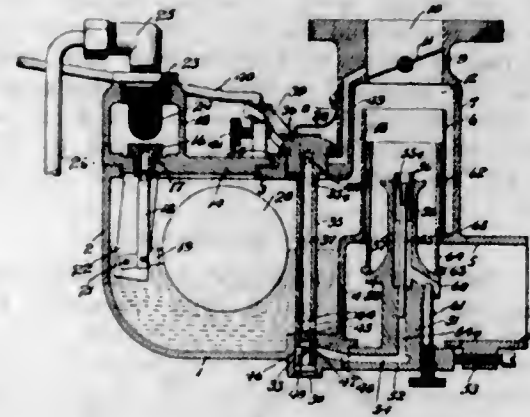
1. A device of the character described including a casing, a seat associated with said casing and having a bottom plate, said plate having downwardly extending

and outwardly projecting lugs formed on the edges thereof, guide plates secured to the outer edges of the lugs for guiding the sliding movement of the seat within



the casing, springs mounted within the casing for resiliently supporting the seat, and a back fixed to said seat to slide therewith.

1,647,058. CARBURETOR. WARD T. SIMPSON, Grand Rapids, Mich., assignor to Albert G. Dickinson, Grand Rapids, Mich. Filed July 16, 1923, Serial No. 651,748. Renewed Mar. 26, 1927. 5 Claims. (Cl. 261—63.)



1. In a carburetor, a fuel bowl, a nozzle member, a conduit for fuel from the lower part of the bowl through the nozzle member, a casing enclosing a mixing chamber above the nozzle member, a stationary guide sleeve around the upper portion of the nozzle member and below the mixing chamber, and a sleeve valve slidably mounted in the guide sleeve and tending to bear through gravity at its lower end against the nozzle member, said member being enlarged outwardly between its ends to form a rest for said sleeve valve, said valve at its lower end being reduced in thickness by cutting away a portion at its outer sides which extends to a point above the lower end of the guide sleeve when the valve is in its lowermost position, substantially as and for the purposes described.

1,647,059. PENCIL. CHARLES A. SMITH, Philadelphia, Pa. Filed June 3, 1926. Serial No. 118,375. 3 Claims. (Cl. 120—18.)

2. A pencil including a barrel open at both ends; a lead holder within the barrel, also open at both ends

to permit insertion of a lead through the upper end of the barrel into the lead holder; means on said lead holder to prevent upward movement of the lead after



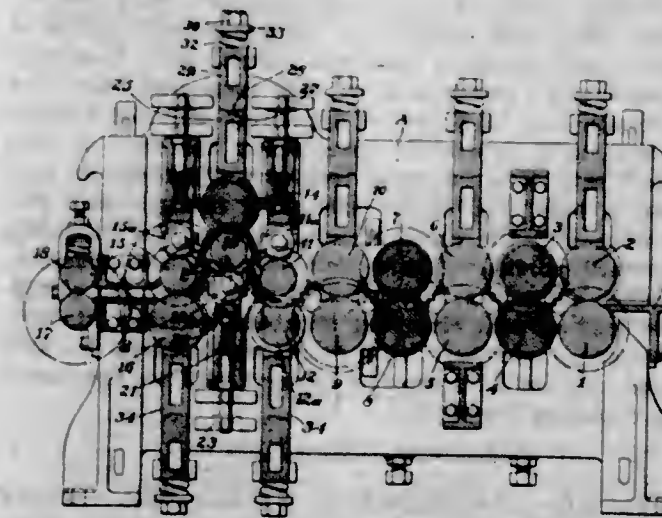
being operatively positioned; means to prevent rotation of the lead holder; and means to move said lead holder longitudinally within the barrel.

1,647,060. ELASTIC ORNAMENTAL BAND. EUGEN SPEIDEL, Pforzheim, Germany, assignor to the Firm: Fr. Speidel, Pforzheim, Germany. Filed Mar. 30, 1927. Serial No. 179,585. 2 Claims. (Cl. 59—79.)



1. An elastic ornamental band comprising in combination a right-handed wire spiral, and a left-handed wire spiral which are intertwined and subsequently compressed so that the windings adopt an inclined position in the longitudinal direction of the band and overlap one another like scales.

1,647,061. MACHINE FOR OPENING SHEET-METAL PACKS. WILLIAM J. STOOPE, Wheeling, W. Va. Filed Jan. 5, 1925. Serial No. 724. 9 Claims. (Cl. 29—17.)

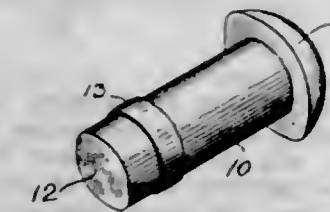


9. In combination in a metal sheet pack opening machine, a plurality of pairs of corrugated rolls, with the corrugations of one pair differently disposed in relation to the corrugations of the other pair, plain faced rolls between the pairs of corrugated rolls, a pair

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of plain faced rolls in rear of the last pair of corrugated rolls, a pair of elevated rolls composed of an upper roll of large diameter and an underroll of small diameter, a pair of rolls intermediate said elevated rolls and the pair of plain faced rolls, and on a level with the latter, said intermediate rolls being composed of a lower roll of large diameter and an upper roll of smaller diameter, a second pair of rolls similar to the intermediate rolls, and located at the same level therewith, and in rear of the elevated rolls, substantially as described.

1,647,062. SELF-ANCHORING RIVET. RICHARD STRESAU, Wauwatosa, Wis., assignor to A. O. Smith Corporation, Milwaukee, Wis., a Corporation of New York. Filed June 13, 1923. Serial No. 645,042. 3 Claims. (Cl. 85—37.)

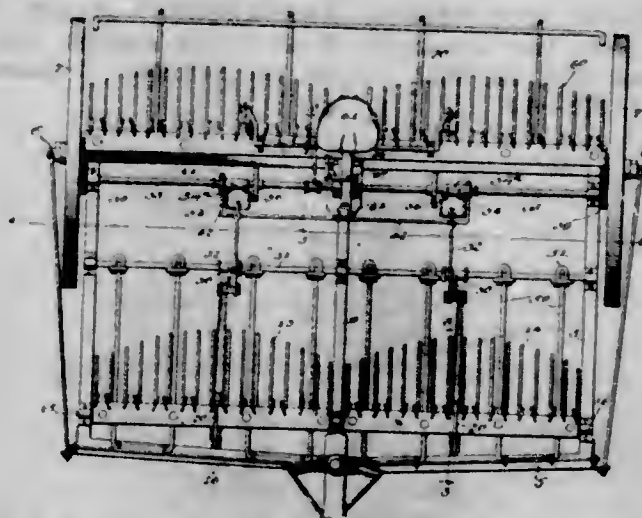


1. A one-piece headed rivet the shank of which, adapted to enter a rivet hole, is provided with means formed thereon for preliminarily anchoring or holding the rivet pending the final riveting operation, such means comprising an enlargement extending circumferentially of the shank, and adapted to be passed through the rivet hole with a driving fit.

1,647,063. METHOD OF PRODUCING BRICKS AND TILES. ERIK WILHELM TILLBERG, Stockholm, Sweden, assignor to Simon Hellström, Stockholm, Sweden. Filed Feb. 17, 1927, Serial No. 169,136, and in Sweden June 9, 1926. 2 Claims. (Cl. 25—156.)

1. Method of producing bricks and tiles, characterized by the fact that a suitable clay is heated, for expelling the hydrate water and dissociating the clay substance, to a temperature of 300° centigrade at the lowest and 900° centigrade at most, depending on the nature of the clay, however, not more than that a certain amount of the plastic clay substance remains for binding the matter, which is then crushed and moistened with water and pressed to raw bricks and tiles which may then be burnt without any previous drying.

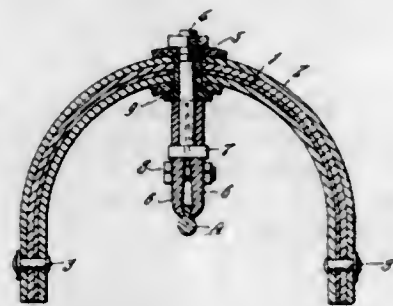
1,647,064. HAY PILER. HAZEN CAMMELLUS VANCE, Boise City, Idaho. Filed Oct. 4, 1923. Serial No. 666,603. 4 Claims. (Cl. 56—391.)



1. A hay collecting and piling machine comprising the combination of a rake, a locking bar carried by the rake, a link connected with the locking bar for moving the rake to the dumping position, and a second link also in connection with the locking bar having a shoulder

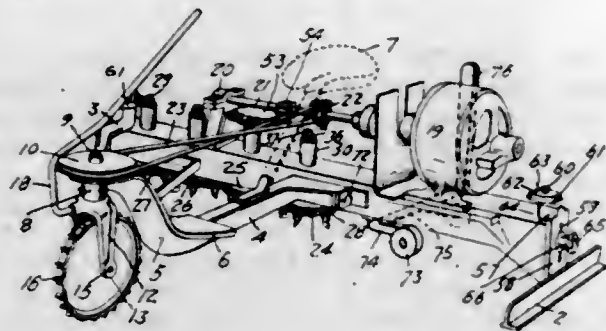
formed therein to prevent tipping forward of the hay during collection but displaying a pushing action upon the hay to tip it backward during dumping.

1,647,065. GUARD. JOHN L. VAUGHAN, Shawsville, Va., and CHARLES E. JUSTICE, Logan, W. Va. Filed June 28, 1926. Serial No. 119,146. 1 Claim. (Cl. 191—35.)



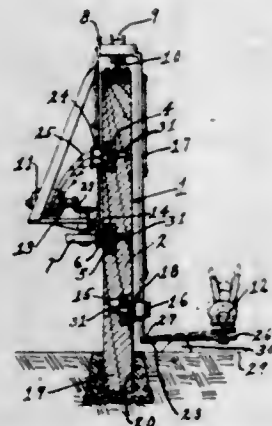
A wire guard comprising an inverted trough-shaped member, bolts passing through the center of the member and depending into the same, means for insulating the bolts from the member, a pair of clamping plates carried by each bolt, said plates having slots therein for receiving the heads of the bolts, and bolts for clamping the plates on a wire.

1,647,066. RESURFACING DEVICE. FRANCIS CAMERON WESTMAN, Toronto, Ontario, Canada. Filed June 12, 1926. Serial No. 115,645. 6 Claims. (Cl. 144—119.)



1. A resurfacing device comprising a tractor carriage, a motor mounted thereon, a tongue extending forward therefrom, a tractor wheel carried by the tongue, means for steering the tractor wheel, means for driving the tractor wheel from the motor, means for independently adjusting the sides of the carriage vertically, and cutting means carried by the carriage to engage the surface to be levelled to cut it away layer by layer.

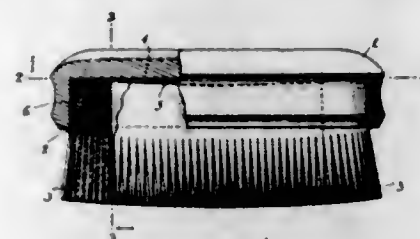
1,647,067. DOG-RACING APPARATUS. ALBERT V. WILSON and HAROLD F. WILSON, Los Angeles, Calif. Filed Mar. 28, 1927. Serial No. 178,896. 6 Claims. (Cl. 272—4.)



1. In a mechanical dog racing apparatus, the combination of a track in the form of a fence having a top rail, a carriage having wheels running on the top rail and

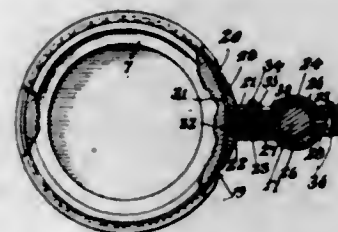
having a bracket extending down on one side of the fence, a motor supported on the said bracket, a wheel driven by the motor and running along the side of the track, said carriage having a bracket extending down on the side of the fence opposite to the first named carriage, and a dog lure supported on the last named bracket.

1,647,068. NAILBRUSH. ROBERT MORSE WITCOMBE, Sydney, New South Wales, Australia. Filed Mar. 31, 1925. Serial No. 19,709. Renewed Apr. 7, 1927. 1 Claim. (Cl. 15—188.)



A brush including a back formed with a recess, and a core having a filamentous face, said core being elastic and normally having a lateral dimension slightly exceeding the corresponding dimension of said recess, said core being compressed to arch the same outwardly and being seated in said recess, the depth of the recess and the thickness of the core therewithin, exceeding the height of the crown of the arched inner face of the core, whereby the stress induced by the arching of the core is transmitted through the core to the walls of said recess in opposite directions, in lines of force which lie substantially in the same or parallel planes.

1,647,069. ANCHORING DEVICE FOR CONTAINERS. FRANZ H. AHLMAN, Morristown, Minn. Filed May 10, 1926. Serial No. 108,024. 2 Claims. (Cl. 248—20.)

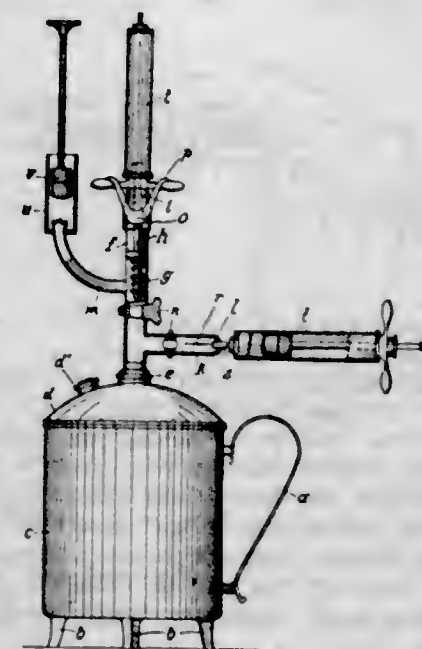


1. An anchoring means for a peripherally grooved container comprising a suspension element including a circular loop and a pair of rearwardly extending arms, said loop for mounting in the groove of the container a pair of clamping members oppositely disposed with respect to each other and adapted to be positioned against a standard, said clamping members formed with forwardly and rearwardly extending arms, said forwardly extending arms terminating in a pair of oppositely disposed arcuate extensions, said extensions overlapping the rear of said loop and said forward arms receiving the arms of said element, a hold fast device extending through said forward arms and the arms of said element for clamping the forward portion of said clamping members together, and means extending through said rear arms for clamping the rear of said clamping members together whereby said clamping members will be fixedly secured to said standard and said suspension element will be connected to the clamping members.

1,647,070. INSTRUMENT STERILIZER. ADOLF AMANN, Schomberg, near Wildbach, Germany. Filed Jan. 2, 1926, Serial No. 78,980, and in Germany Aug. 24, 1925. 1 Claim. (Cl. 167—3.)

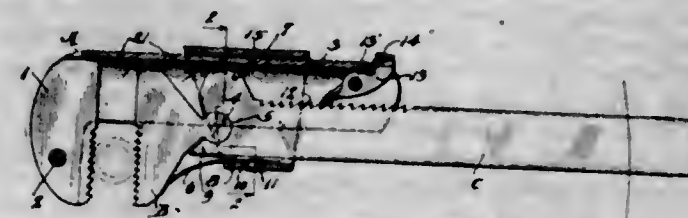
An apparatus for sterilizing surgical instruments, specially dentist's instruments and injection syringes, by means of steam comprising in combination with a steam

generating boiler, a steam outlet in the top end of said vessel, a vertical steam tube, a horizontal branch at the lower end of said vertical steam tube and having an opening in its end to hold the point of a syringe, a valve cock in said horizontal branch tube, a valve cock in said vertical steam tube above said horizontal branch tube, an upwardly directed curved tube branch from



said steam tube above said valve cock, an open cylinder on the open end of said curved branch tube and designed to hold an element to be sterilized, a spring-controlled vertical rod shiftably mounted on the outer side of the upper portion of said vertical steam tube, two gripper arms extending from said shiftable rod for gripping over the handle of an instrument to be sterilized to pull the same onto the open top end of said vertical steam tube.

1,647,071. WRENCH. WILLIAM H. ARBOGAST, Dunmore, W. Va., assignor to Winfred McElwee, Dunmore, W. Va. Filed May 4, 1926. Serial No. 106,757. 7 Claims. (Cl. 81—184.)

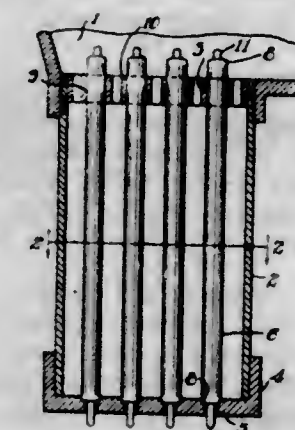


1. In a wrench, a handle, a jaw member swingingly connected thereto, a second jaw member having a channel-shaped shank in which to slidably receive the first jaw and handle, means adjacent the inner end of the handle to clampingly engage said shank, and means carried by the shank and engageable with the handle to hold the jaws at adjusted position.

1,647,072. ADHESIVE-APPLYING MECHANISM FOR PAPER-BOX-MAKING MACHINES. SAMUEL BERGSTEIN, Middletown, Ohio, assignor to The Interstate Folding Box Company, Middletown, Ohio. Filed Sept. 24, 1923. Serial No. 664,415. 3 Claims. (Cl. 91—48.)

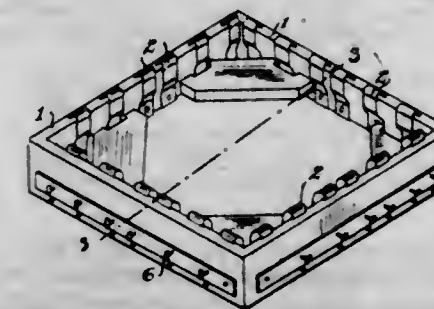
1. Adhesive applying mechanism comprising a container adapted to be actuated reciprocally, a plurality of ports in the container, a corresponding plurality of operable stems, one for each port, shaped at one end to

project through and close the ports, and adapted to be actuated axially by external engagement of said ends to render the ports operative as the container is reciprocated.



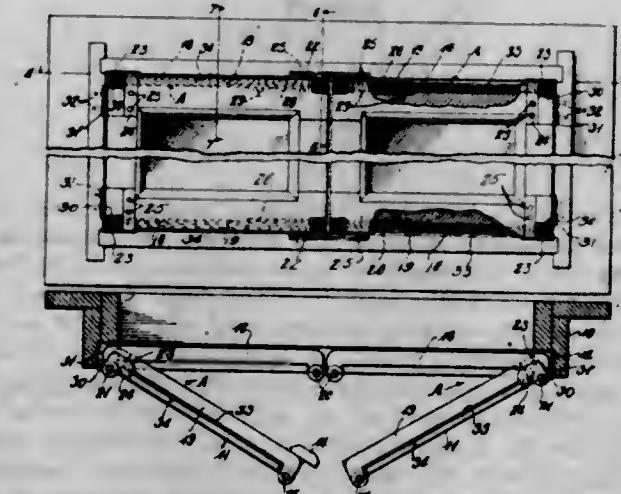
acted, said stems being reversible and shaped at their opposite ends to close the ports to render the same inoperative as the container is reciprocated.

1,647,073. MEANS AND METHOD FOR SEALING BOXES AND THE LIKE. SAMUEL BERGSTEIN, Middletown, Ohio, assignor to The Interstate Folding Box Company, Middletown, Ohio. Filed Nov. 5, 1926. Serial No. 146,496. 8 Claims. (Cl. 93—2.)



1. Means for sealing boxes consisting in a supporting member, a pressure element arranged on said member to define a space conforming to the shape of the boxes, adapted to support adhesive treated covers for the boxes, for receiving the covers and said boxes therebetween, and acting to form and seal said covers over the boxes, as the same are seated in said space.

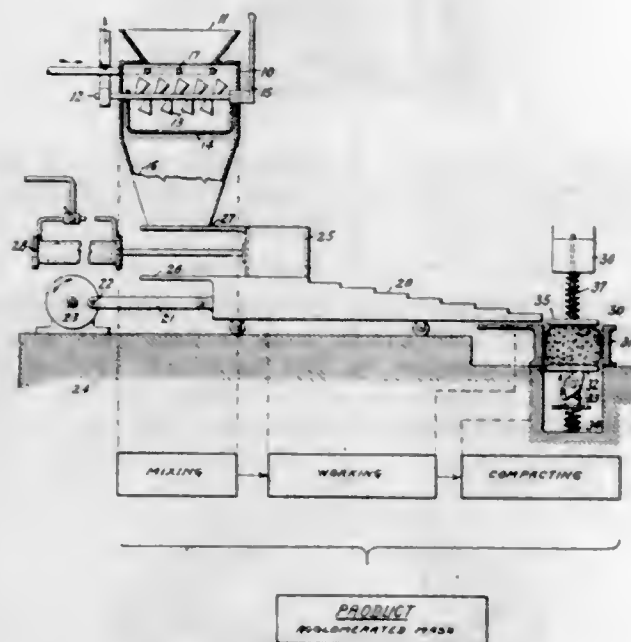
1,647,074. HINGE. CHARLES S. BOCK, Chicago, Ill., assignor of four one-hundredths to Walter J. O'Brien, thirty-two one-hundredths to James W. Seward, and thirty-two one-hundredths to Frank Colombo. Filed Nov. 9, 1925. Serial No. 67,777. 7 Claims. (Cl. 16—147.)



1. In combination with a closure member and a frame therefor, hinge members in normal position arranged substantially opposite each other, means pivoting one of the

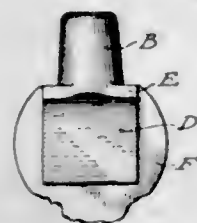
hinge members adjacent an end thereof to the frame, means pivoting the other hinge member at the relatively opposite end thereof to the frame, and means in line with said means respectively pivoting the other ends of the hinge members to the closure members.

1,647,075. PROCESS OF FABRICATING AGGLOMERATED MASSES. RICHARD BOWEN, Columbus, Ohio, assignor to Super Coal Process Company, Augusta, Me., a Corporation of Maine. Filed Jan. 5, 1924. Serial No. 684,681. 47 Claims. (Cl. 44-10.)



1. A process of fabricating agglomerated masses which comprises conditioning a mixture containing insoluble granular material and amorphous binder which is non-crystal forming and relatively viscous so as to attain a desired state of fluidity, and compacting the same by the yielding application of high frequency vibrations.

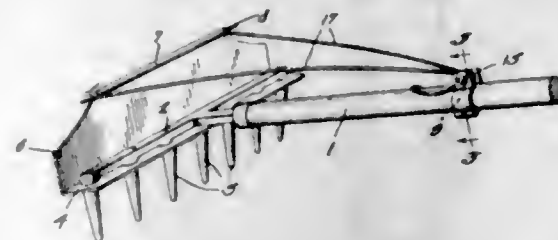
1,647,076. METHOD OF MANUFACTURING HORSESHOE CALKS. THOMAS F. BOYLE, Sr., New Brunswick, N. J., assignor to Eversharp Manufacturing Co., New Brunswick, N. J., a Corporation of New Jersey. Filed Jan. 21, 1925. Serial No. 3,876. 5 Claims. (Cl. 59-68.)



1. The herein described method of manufacturing drive pattern horseshoe calks by the cold process consisting in cutting off to the required length sections of a high carbon steel wire while cold, entering into a die one end of said section, striking the opposite end of said section to form a tapered shank to approximately its finished size and taper and simultaneously effecting the upsetting of the remaining portion of said section, entering the approximately finished shank in a second slightly larger tapered die with the upset portion protruding therefrom, subjecting said apertured upset portion to pressure between a stationary and movable die member whereby to simultaneously shape an offset blade having a flash, and force an additional quantity of the apertured upset por-

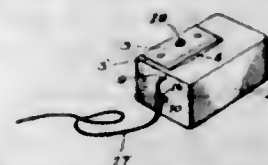
tion into said second die, holding the shank to finish the shank to the exact size and taper, and then trimming off the flash or residue from the blade.

1,647,077. RAKE. DANIEL B. BROWN, Dover, N. H. Filed Nov. 17, 1924. Serial No. 750,421. 1 Claim. (Cl. 55-146.)



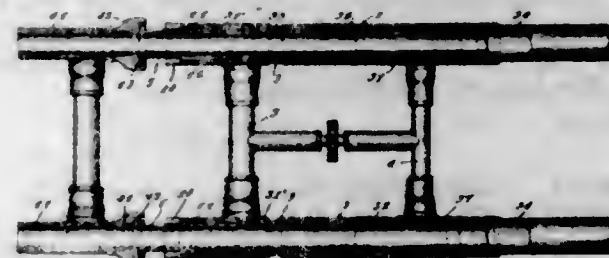
The combination with a hand rake, of a tooth cleaning means removably associated therewith, and comprising an angle plate having openings in the horizontal flange thereof for the passage of the teeth of the rake, the vertical flange of the plate having its corners cut-away and its upper edge rounded to provide a barrel, a pin passing through the barrel and extending through both ends thereof, and a two-arm spring secured on the handle and having hooked ends which are arranged around the respective ends of the pin to influence the horizontal flange of the angle plate into contact with the head of the rake.

1,647,078. PENCIL SHARPENER. GEORGE W. BROWN, Cape Elizabeth, Me., assignor, by direct and mesne assignments, of one-half to Susan J. Dodge, Damariscotta, Me., and one-half to Emma Brown, Cape Elizabeth, Me. Filed Mar. 1, 1926. Serial No. 91,500. 2 Claims. (Cl. 120-92.)



1. In a sharpener of the class described, a guide provided with an open-ended, straight-side tapering chamber having an elongated length-wise slot through its wall, said chamber communicating, at its smaller end, with an opening disposed at an angle to the axis of said chamber and in a plane parallel to one of the sides thereof, a cutting-blade operable through said elongated slot and effective over the full length, only, of the side of said tapering chamber, and a plunger reciprocable in said opening and operable in close and parallel relation to, and inwardly of, said cutting-blade.

1,647,079. SLIDE TROMBONE. FERDINAND A. BUESCHER, Elkhart, Ind. Filed Oct. 27, 1926. Serial No. 144,540. 17 Claims. (Cl. 84-395.)



12. In a trombone a slide comprising tubes, pistons telescoping therein, sleeves constituting bearings for the pistons, said sleeves extending within and detachably secured within and to the inner terminal portions of said

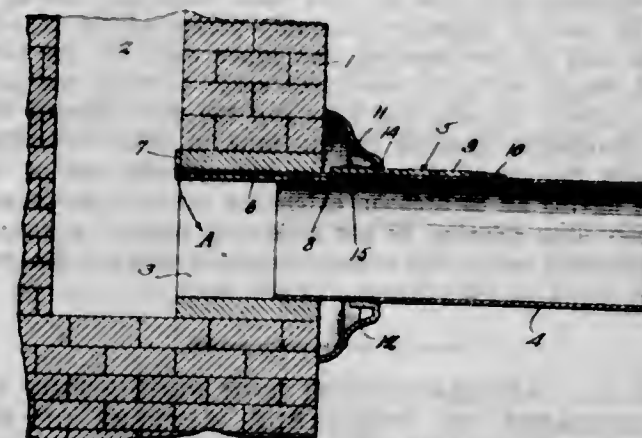
tubes and having the inner diameters thereof to provide for a snug sliding fit with the pistons, said sleeves permanently projecting from and abutting against the edge at the inner end terminal portions of said tubes.

1,647,080. FIREPROOF DRY-KILN DOOR. DAVID D. BUNDAICK, Jacksonville, Fla., assignor to Moore Dry Kiln Company, Jacksonville, Fla., a Corporation of Florida. Filed Feb. 26, 1925. Serial No. 11,839. 4 Claims. (Cl. 189-46.)



1. A door including a frame, sheets of material secured thereto, the adjacent edges of said sheets being overlapped, angle-iron braces on one side of the overlapped portions, bars having convex outer surfaces on the opposite side of the overlapped portions, and means for securing the braces, bars, and overlapped portions together.

1,647,081. STOVEPIPE HOLDER. HOWARD T. CHINN, Atascadero, Calif. Filed Feb. 6, 1926. Serial No. 86,579. 1 Claim. (Cl. 126-318.)

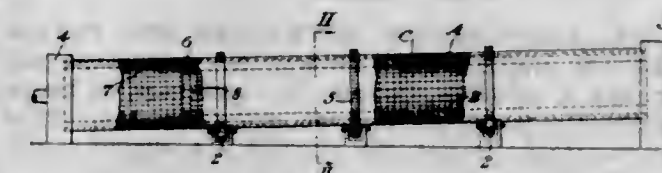


In a device of the class described, a stovepipe having an opening in its side wall; an anchor including a body and an arm disposed parallel to each other and a shoulder located at right angles to the body and the arm and connecting them together, the arm lying on the outside of the pipe, the body lying partly on the inside of the pipe and projecting at its outer end beyond the end of the pipe, the outer end of the body being provided with a foot disposed parallel to the shoulder, the foot and the shoulder constituting means for limiting the longitudinal sliding of the pipe in a chimney, the anchor being tiltable in the opening in the pipe, and a ring surrounding the pipe and the arm to hold the shoulder engaged in the opening whereby the shoulder will form the sole means for holding the anchor against longitudinal movement with respect to the pipe.

1,647,082. PROCESS OF MANUFACTURING SIRUP. WILLIAM F. COLE, Hana, Territory of Hawaii. Filed May 1, 1925. Serial No. 27,301. 1 Claim. (Cl. 127-48.)

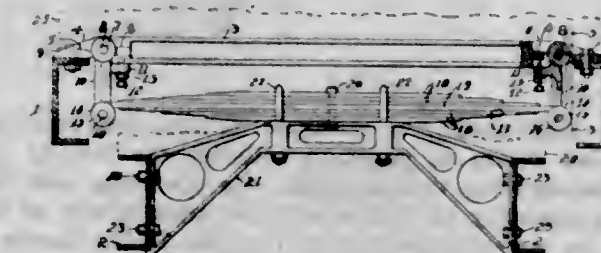
The herein described process of producing sirup which consists in dissolving raw wash sugar in steam, adding lime to neutralise the acidity and coagulate the albumin, next adding to the mixture salt in the proportion of one-half ounce to one hundred pounds of sugar, and finally filtering the solution through bone charcoal.

1,647,083. FURNACE LINING. ANDREW G. CHOLL, Weatherly, Pa., assignor to The Atlas Portland Cement Company, a Corporation of Pennsylvania. Filed July 5, 1923. Serial No. 649,533. 6 Claims. (Cl. 222-7.)



1. A lining comprising a mixture of a heat-insulating substance and a heat-conducting substance varying in proportion progressively from a relatively small percentage of the heat-conducting substance to a relatively large percentage of the heat-conducting substance.

1,647,084. MOTOR-VEHICLE CONSTRUCTION. HENRY E. CURTIS, San Jose, Calif., assignor of one-half to John H. Betts, Long Beach, Calif. Filed July 8, 1924. Serial No. 724,859. 6 Claims. (Cl. 280-106.5.)



1. In a motor vehicle, a body frame, a support connecting the sides of the frame, a sub-frame adapted to carry a power plant, connecting means between the support carried by the body frame and sub-frame, means to permit lateral movement of the sub-frame and means contacting with the support to limit the lateral movement of the sub-frame with respect to the body frame.

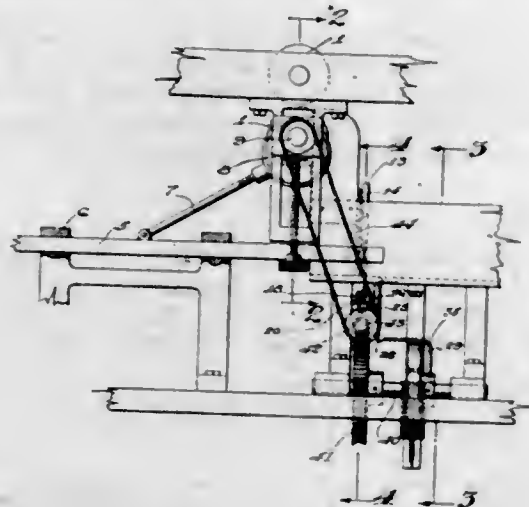
1,647,085. GRASS-SHEARS ATTACHMENT. MOSKES S. DUNBORN, Oakland, Calif. Filed Aug. 30, 1926. Serial No. 182,551. 4 Claims. (Cl. 58-241.)



1. In a lawn shears attachment of the character described comprising a pair of pivotally connected levers, means at the forward ends of the levers for removably

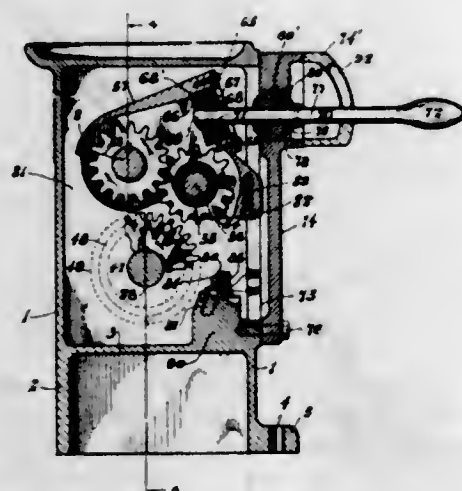
embracing the handle portions of the lawn shears, and a runner having its forward end connected with the levers at their pivotal axis and adapted for detachable connection with the lawn shears.

1,647,086. DISCHARGING MECHANISM FOR PAPER-FOLDING MACHINES. THOMAS N. DELIGIANES and ANDREAS A. BOURDES, Chicago, Ill., assignors, by mesne assignments, to George D. Anthonis, Gary, Ind. Filed May 4, 1923. Serial No. 636,613. 4 Claims. (Cl. 93—93.)



1. In combination, a receiving trough for receiving folded cut sheets of paper, a follower for forcing the paper through the trough, means for operating said follower, a plurality of fingers movable transversely of the trough for engaging and supporting the folded sheets of paper delivered to the trough in upright position upon rescinding movement of the follower, and means for moving said fingers from said supporting position, said last mentioned means including a driver shaft, a cam carried by the shaft and operable therewith, a member movable toward the trough and supporting the fingers, a head formed on one end portion of the member and operable by the cam for moving the fingers from said supporting position, and means for moving said member and head in an opposite direction to dispose the fingers in said supporting position.

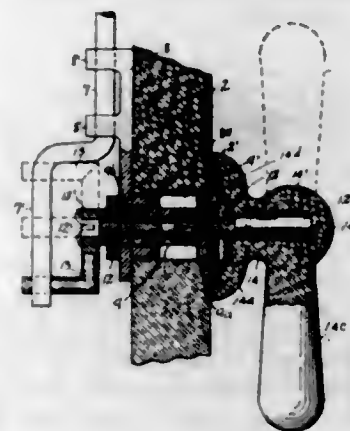
1,647,087. VARIABLE-SPEED MECHANISM. WILLIAM C. DE ROO and JAMES E. LARSH, Cincinnati, Ohio, assignors to The Drees Machine Tool Co., Cincinnati, Ohio, a Corporation of Ohio. Filed Apr. 16, 1925. Serial No. 23,570. 16 Claims. (Cl. 74—58.)



1. In a device of the class described, a casing having an opening therein, a hand lever slidably fulcrumed in said opening, a tumbler mounted in said casing, and a uni-

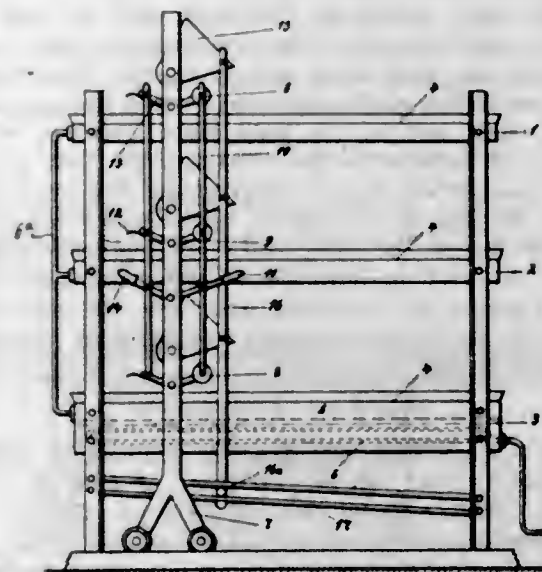
versal joint connecting said tumbler with said hand lever to move said tumbler longitudinally and oscillatorily, substantially as and for the purposes specified.

1,647,088. FLUSH-VALVE-OPERATING MECHANISM. HARRY DE WALLACE, Syracuse, N. Y. Filed July 9, 1926. Serial No. 121,472. 2 Claims. (Cl. 4—67.)



1. A flush valve operating mechanism including a lever supporting bracket engageable with a side face of a wall of a tank and having a hub formed to project loosely and partly within one end of a transverse opening in said wall of the tank, a sleeve having a threaded end extending through the bracket and its hub, an integral flange on the opposite end of the sleeve engageable with the opposite side face of said tank wall and having a hub of reduced diameter extending partly within the opposite end of the opening, the inner ends of the hubs being spaced so as to leave free space between the part of the sleeve between the hubs and the wall defining the said transverse opening in the tank, a shaft extending through the sleeve, a handle on the opposite end of the shaft having an escutcheon extending over the flange and in encircling relation to the periphery thereof, a nut on the threaded end of the sleeve engageable with the bracket, and a crank on the other end of the shaft.

1,647,089. APPARATUS FOR THE PRODUCTION OF PRESERVES OF VEGETABLE MATTERS OF UNLIMITED DURABILITY. ARNOLD FAITLOWITZ, Berlin, Germany. Filed Mar. 8, 1924. Serial No. 697,907, and in Germany July 29, 1921. 4 Claims. (Cl. 34—22.)



1. Apparatus for the production of preserves of vegetable matters of unlimited durability comprising in combination a number of superposed drying plates, means

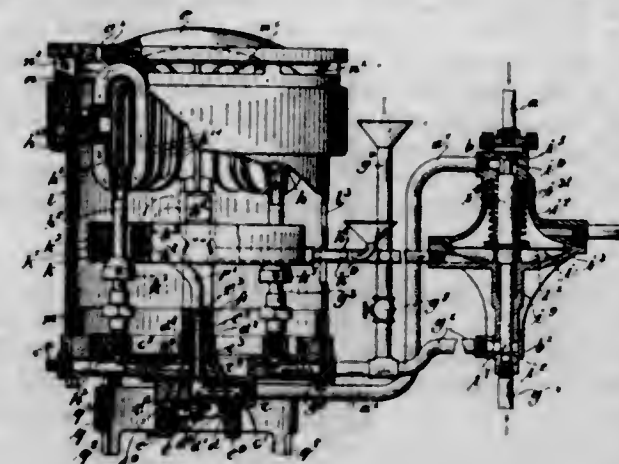
for heating said plates by steam, and rolls movable in vertical direction adapted to be rolled over the drying mass, on the plates in order to prevent excessive heating of the mass and for uniformly mixing the same.

1,647,090. PERFORATED ILLUMINATED SIGN AND ITS MANUFACTURE. HENRY GLOBUS, Cleveland, Ohio. Filed Dec. 26, 1925. Serial No. 77,770. 3 Claims. (Cl. 41—29.)



1. The method of manufacturing a plate bearing sign characters thereon shown in color by direct light and by illumination through minute apertures in the plate by artificial light comprising, filling temporarily the perforations of a perforated plate with a readily soluble composition, coating in limited design areas on one side with waterproof paint while the perforations are closed and subsequently washing out the filler coat from the reverse surface, whereby the painted area will be shown by contrast by daylight or other direct rays and the open perforated area or design will be shown by rays of light passing through the perforations from the reverse side.

1,647,091. OIL BURNER. ARTHUR B. GOODSPEED, Chester, Conn. Filed Aug. 3, 1923. Serial No. 655,386. 2 Claims. (Cl. 158—23.)

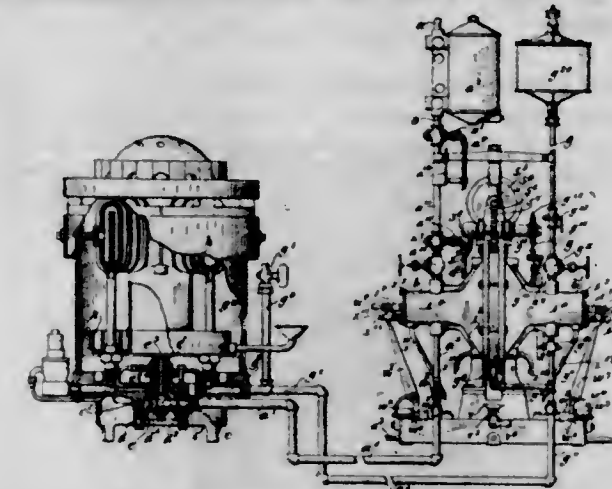


1. In an oil burner, the combination of a fuel nozzle, a steam nozzle in proximity thereto, an annular steam generator above the fuel and steam nozzles and connected to the steam nozzle, and a chimney sleeve surrounding the nozzles and the steam generator and having a top of refractory material above the generator and exposed directly to the heat developed from the nozzle with passages for the escape of the products of combustion.

1,647,092. OIL BURNER. ARTHUR B. GOODSPEED, Chester, Conn. Filed June 6, 1924. Serial No. 718,229. 13 Claims. (Cl. 158—45.5.)

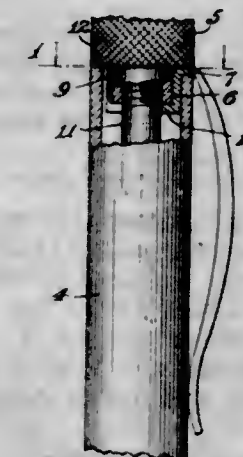
1. In an oil burner, the combination of a burner tip, means to supply oil thereto, a lap sleeve valve to control the flow of oil to the burner tip, a steam generator, means

influenced by the pressure in the generator to control the valve, manually controlled means to move the valve to open position, and a weighted latch to engage said means



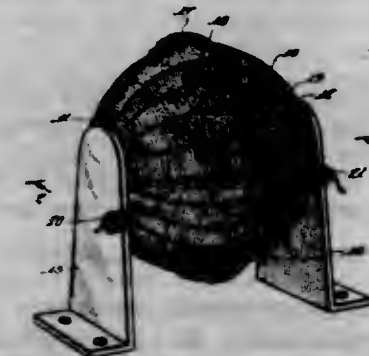
and hold the valve in open position, the latch being released and disengaged by the continued movement of the valve under the influence of pressure in the generator.

1,647,093. CLIP FOR PENS, PENCILS, AND THE LIKE. PAUL S. HAUTON, Atlanta, Ga., assignor to The Parker Pen Company, Janesville, Wis. Filed Dec. 21, 1922. Serial No. 608,149. Renewed Mar. 23, 1927. 3 Claims. (Cl. 24—11.)



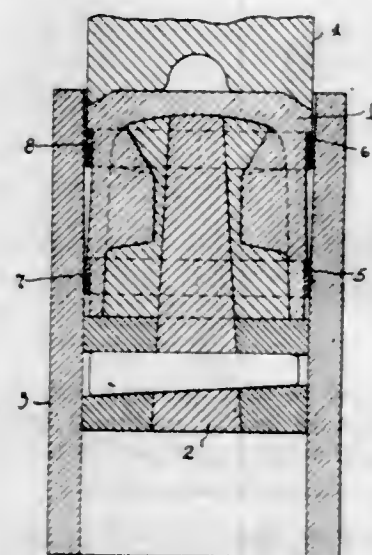
1. In combination with a scribing instrument provided with a notch at its clip end, a clip member, a cylinder integral therewith and adapted for interior attachment in said scribing instrument, said clip member being adapted to engage the said scribing instrument in said notch and to be held thereby against circumferential shifting and a clamp member adapted to hold said clip assembly in position in said scribing instrument.

1,647,094. RADIO TRANSFORMER. ANTHONY P. HINSKY, Brooklyn, N. Y. Filed July 6, 1925. Serial No. 41,747. 5 Claims. (Cl. 175—359.)



1. A transformer, which comprises a spherical coil acting as a secondary, and a ringlike woven primary disposed around a great circle periphery of the secondary.

1,647,095. WORKING LIGHT METALS. JOHN E. HOY, Midland, Mich., assignor to The Dow Chemical Company, Midland, Mich., a Corporation of Michigan. Filed Nov. 15, 1926. Serial No. 148,440. 4 Claims. (Cl. 29—156.5.)

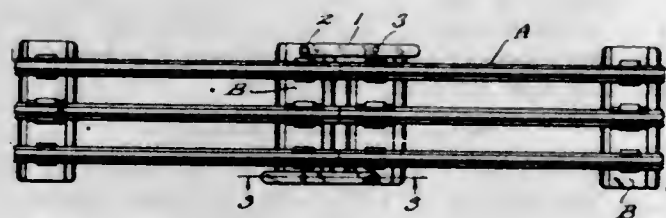


1. In a method of the character described, the steps which consist in assembling a light metal blank with an element of harder metal and die-drawing the assemblage to flow the light metal and at the same time embed the harder element.

1,647,096. EROSION RESISTANT FERROUS ALLOY. CHARLES B. JACOBS, Wilmington, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del., a Corporation of Delaware. Filed Jan. 11, 1923. Serial No. 612,016. 7 Claims. (Cl. 75—1.)

6. An alloy comprising 3 to 15% of manganese, in excess of 2% of carbon, 1 to 5% of chromium, and the remainder iron.

1,647,097. CONNECTER. JOHN KACHMAN, Berwyn, Ill. Filed Jan. 5, 1927. Serial No. 159,179. 3 Claims. (Cl. 238—10.)

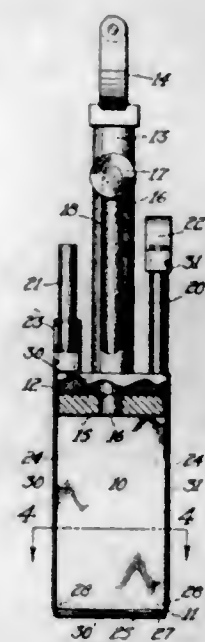


1. The combination with railway track sections comprising rails and ties, of a connector for securing the sections together and comprising a strip pivotally secured to one cross tie of one section and adapted to be detachably received by one cross tie of a companion section.

1,647,098. BUTTER-CUTTING DEVICE. HENRY SAMUEL LANOUE, Woonsocket, R. I., assignor of one-half to Jacob L. Kotlier, Worcester, Mass. Filed Oct. 12, 1925. Serial No. 61,921. 6 Claims. (Cl. 31—11.)

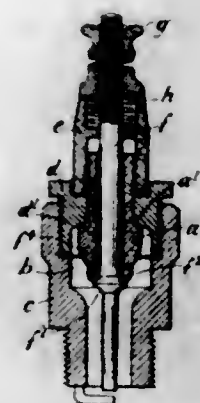
1. The combination in a butter cutting device comprising a rectangular tubular member closed at its upper end

and open at its lower end, and an ejector slidable in said tubular member, of a pair of thin flexible wires extending closely adjacent each other across the open lower end



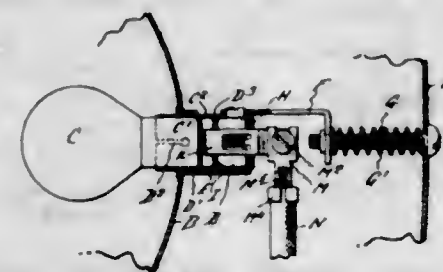
of said tubular member, and means by the use of which said wires may be tensioned manually and may be drawn simultaneously across the end of said tubular member in either direction to sever the butter contained therein.

1,647,099. SPARK PLUG. ARTHUR ERNEST MACDONALD, London, England. Filed June 25, 1927. Serial No. 201,371, and in Great Britain Sept. 30, 1925. 1 Claim. (Cl. 123—169.)



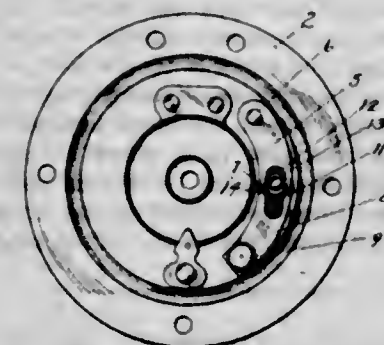
A spark plug comprising a body portion having upper and lower seatings therein, an upper insulator in engagement with the upper seating, a lower insulator in engagement with the lower seating, a cupped washer located at the end of the lower insulator remote from its seating and having a concave part-spherical surface, an electrode extending through the two insulators and cupped washer, said electrode having an annular shoulder of convex part-spherical form adapted to engage the concave part-spherical surface of the cupped washer to form a self-aligning ball joint therewith, and means for exerting pressure through said electrode and ball joint connection to hold the said insulators upon their respective seats to form gas-tight joints.

1,647,100. LAMP SOCKET. HAROLD C. WHITE, Cleveland, Ohio, assignor to The Guide Motor Lamp Manufacturing Company, Cleveland, Ohio, a Corporation of Ohio. Filed May 1, 1924. Serial No. 710,220. 4 Claims. (Cl. 173—328.)



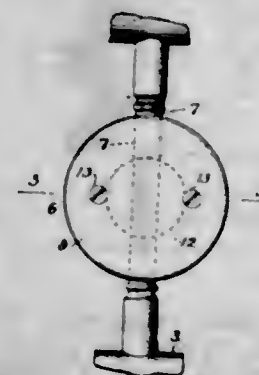
1. The combination with a tubular member, of insulating disks arranged therein, contact plates working through said disks, each plate having an opening and lugs at ends of said openings, springs arranged in said openings and positioned upon said lugs, and means for connecting said plates to the conductor wires.

1,647,101. DRAG MECHANISM FOR FISHING REELS. WALTER L. ADAMS, Akron, Ohio, assignor to The Enterprise Manufacturing Company, Akron, Ohio, a Corporation of Ohio. Filed Nov. 14, 1924. Serial No. 749,874. 1 Claim. (Cl. 242—84.5.)



In a fishing reel, a back plate, a spool mounted in the reel, the spool having a flange adjacent the back plate, a spring attached to the back plate, the spring being provided with a slot, a button mounted on the back plate and having a shoulder underlying the spring, and a reduced projection entering the slot, the free end of the spring being normally out of engagement with the spool flange but lifted by the shoulder into engagement with the flange upon shifting of the button toward the point of attachment of the spring to the back plate.

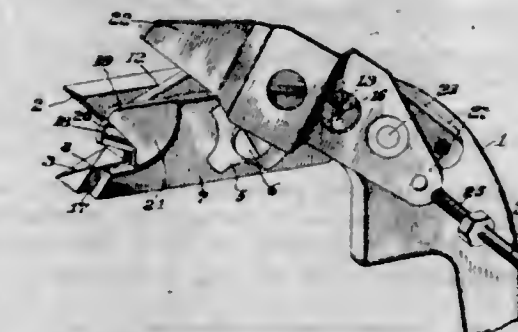
1,647,102. TROMBONE ATTACHMENT. EDWARD D. COX, Kilbourne, Wis., assignor to C. G. Conn, Ltd., Elkhart, Ind., a Corporation of Indiana. Filed Feb. 18, 1924. Serial No. 698,422. 2 Claims. (Cl. 84—395.)



1. The combination with a trombone, of a counterbalance therefor, said counterbalance being split in two sections and provided with a bore which is divided longitudinally thereof by the joint between the counterbalance

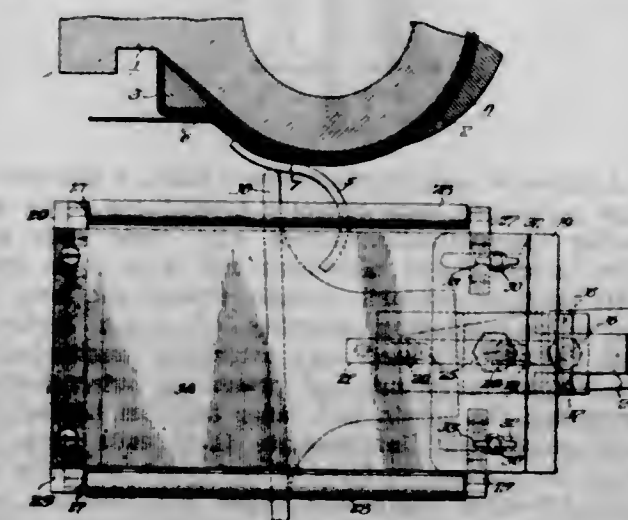
half sections; a complementary boss and socket connection between said counterbalance sections; and means for detachably clamping a trombone element within said counterbalance bore.

1,647,103. SHUTTLE-FEELER THREAD PARTER AND CLAMP. HARRY A. DAVIS, Hopedale, Mass., assignor to Draper Corporation, Hopedale, Mass., a Corporation of Maine. Filed Mar. 30, 1927. Serial No. 179,641. 8 Claims. (Cl. 139—264.)



1. In a shuttle feeler thread parter and clamp, the combination of a fixed parting member laterally spaced from the shuttle feeler to permit lateral movement of the fixed parting member towards the side of the shuttle feeler, a clamping member, a movable thread parter and clamp mounted on the shuttle feeler having a parting edge on one side and a thread clamping surface on the opposite side to cooperate with the clamping member, and a thread stripper formed as a toe extending from the clamping member and having side recesses to strip and free the thread as the parter and clamp are opened.

1,647,104. TIRE-BUILDING MACHINE. HAROLD A. DENMIRE, Akron, Ohio, assignor to The General Tire and Rubber Company, Akron, Ohio, a Corporation of Ohio. Filed July 11, 1924. Serial No. 725,396. 2 Claims. (Cl. 154—10.)

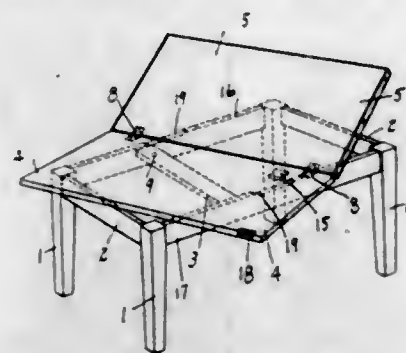


1. A combined tire making and finishing machine comprising a rotatable core, an arm adjacent the core, a spinning roller upon the arm, a bracket carried by the arm and angularly adjustable thereon, a plate pivoted to the arm and movable toward and from a horizontal position over the spinning roller, and guiding means on the plate for directing finishing material between the core and the spinning roller.

1,647,105. TABLE. GEORGE H. ANGERT, Cincinnati, Ohio, assignor to Angert Brothers, Cincinnati, Ohio, a Partnership composed of Arthur C. Angert and George H. Angert. Filed Jan. 28, 1925. Serial No. 5,221. 3 Claims. (Cl. 45—17.)

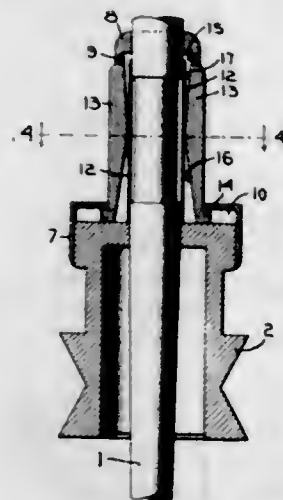
1. A combination kitchen and dining table, comprising a base frame, and a top mounted thereon, the said top consisting of hinged sections, one of said sections being

pivotaly mounted on said base to rotate in a horizontal plane, and another one of said sections having a comparatively heavy wear surfacing material on one side thereof, the said material, due to its weight, serving to



hold said sections in their positions of use, and the table being provided with means to permit the section having the surfacing material thereon, to lie in the same plane as the pivoted section when the top is unfolded.

1,647,106. BOBBIN-CLUTCHING MEANS FOR ROTATABLE SPINDLES. HORACE H. BURDETT, Hopedale, Mass., assignor to Draper Corporation, Hopedale, Mass., a Corporation of Maine. Filed Nov. 5, 1926. Serial No. 146,329. 11 Claims. (Cl. 242-46.8.)

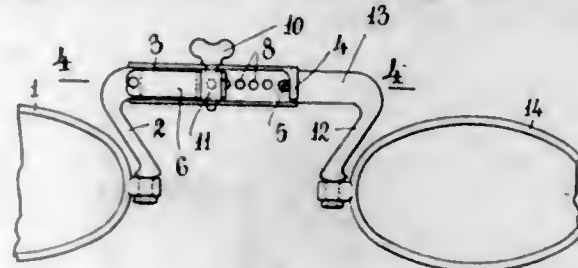


1. A rotatable spindle comprising a blade, a plurality of springs positioned symmetrically around the blade and extending longitudinally thereof with their ends held against inward radial movement and with their intermediate portions yieldable radially toward and from the blade, a corresponding plurality of clutch members located radially outward, and extending longitudinally, of the respective springs and presenting outer surfaces for engaging the bobbin and inner surfaces having fulcrumed engagement intermediate their ends with the springs, the opposed surfaces of the clutch members and springs diverging above and below the fulcrums, and means for limiting the radial outward movement of both ends of the clutch members, whereby when a bobbin is slid over the clutch members, first the upper ends thereof will rock inward engaging the bobbin with relatively light pressure, and then the clutch members will move bodily radially inward engaging the bobbin throughout their length with a relatively heavy pressure.

1,647,107. GOGGLES. ORESTE FRANCHINI, Turin, Italy, assignor to Giuseppe Ratti, Turin, Italy. Filed May 5, 1926, Serial No. 106,927, and in Italy May 7, 1925. 5 Claims. (Cl. 88-43.)

3. A goggle comprising two frames for carrying transparent material, a first part connected with one of said frames, a second part connected with the other one of said frames, means providing a sliding engagement of said parts with each other, a resilient member connected

with said first part and extending along the same, cooperating engaging means on said resilient member and said second part and a self-locking cam member



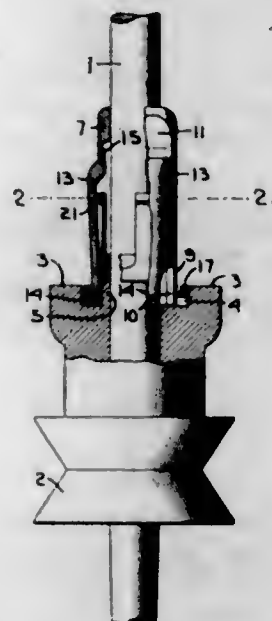
mounted to rotate adjacent said resilient member and adapted to lock it in engagement with said second named part.

1,647,108. WRIST-WATCH BRACELET. ART HADLEY, Providence, R. I., assignor to The Hadley Company, Providence, R. I. Filed Feb. 11, 1927. Serial No. 167,525. 4 Claims. (Cl. 24-71.)



3. In a device of the type set forth, a pair of hinged members, one of the members having a base and a series of spaced keepers on each side of the base, a strap carrying latch having parts normally engaging in the keepers, means to yieldingly mount the latch for movement toward and away from the base in a plane at right angles to the plane of the base so as to release said latch parts from the keepers upon movement of the latch toward the base, and a strap connected to the other member.

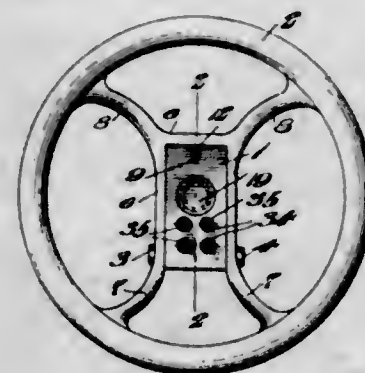
1,647,109. BOBBIN-CLUTCHING MEANS FOR ROTATABLE SPINDLES. JOSEPH A. MILLER, Hopedale, Mass., assignor to Draper Corporation, Hopedale, Mass., a Corporation of Maine. Filed Feb. 12, 1927. Serial No. 167,668. 6 Claims. (Cl. 242-46.4.)



1. A rotatable spindle comprising a blade, a whirl secured to the blade having an annular recess in its upper face concentric the blade, a sleeve concentric the blade and secured at its upper end thereto and having a plurality of symmetrically disposed similar vertical slots, a plurality of similar clutch members mounted one in each sleeve slot, seated at their lower ends in said recess and extending at their upper ends interiorly of

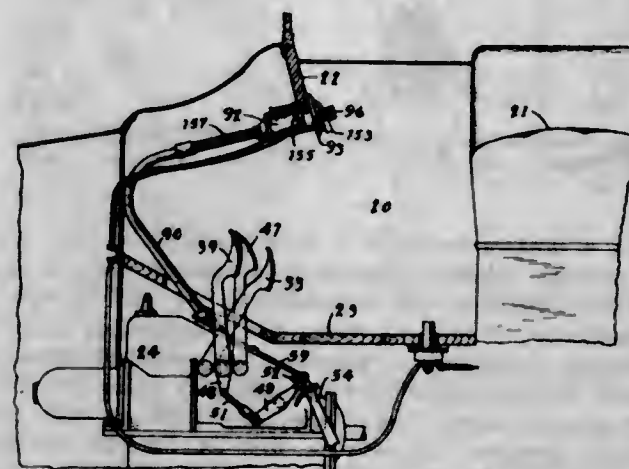
the sleeve and having a limited movement radially of the blade in the sleeve slots, and a crown spring concentric the blade within the sleeve, having its base fixed with respect to the blade, and presenting similar, upwardly projecting, resilient fingers opposite to, and at their upper ends pressing radially against, the respective clutch members.

1,647,110. PERMUTATION AUTOMOBILE WHEEL LOCK. JOHN WINKLER, Philadelphia, Pa., assignor of one-half to Chester A. Billetdoux, Philadelphia, Pa. Filed Mar. 14, 1925. Serial No. 15,445. 5 Claims. (Cl. 70-129.)



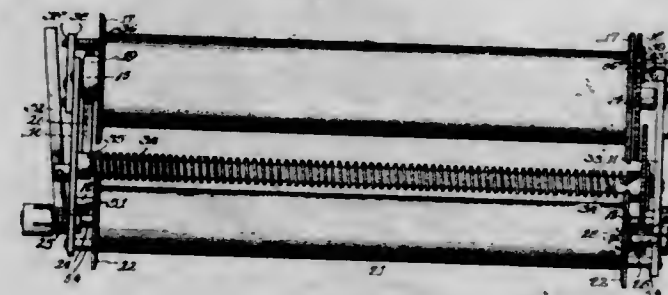
1. In an automobile lock, a steering post, a collar fixedly secured to the end thereof, a hub block journaled on said collar, a plug permanently securing said hub block to said collar, the latter having a plurality of engaging recesses therein, a sliding bolt carried by said block, and adapted to engage one of said recesses, said bolt having a recess in the edge thereof, a tumbler rotatably mounted in said block in alignment with said recess, and having a recess therein in alignment with said bolt, whereby the bolt may be retained in one of several positions, by turning said tumbler into said recess in the bolt, and means at the lower end of said tumbler for preventing withdrawal thereof.

1,647,111. MOTOR-VEHICLE LOCK. CHARLES E. BAUERLE, Cleveland, Ohio, assignor to The Motobile Products Company, Cleveland, Ohio, a Corporation of Ohio. Filed Aug. 13, 1925. Serial No. 49,953. 22 Claims. (Cl. 70-127.)



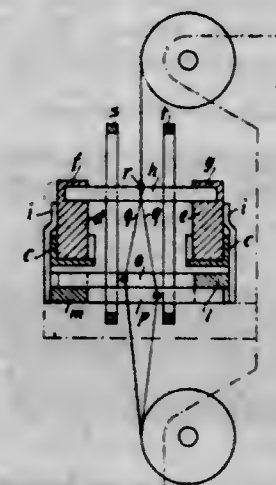
1. In apparatus of the class described, the combination with the transmission gearing of a motor vehicle and a control lever associated therewith, of a member and means associated therewith for rendering said lever inoperative, lock-controlled means for moving said member to its inoperative position, a device for retaining said member in the inoperative position, means for automatically moving said member to its operative position, a control switch for the vehicle motor, and means connecting said switch with said device and whereby said device is actuated to release said member when the switch is actuated to shut off the motor.

1,647,112. SPOOL MECHANISM FOR MUSICAL-INSTRUMENT-PLAYER DEVICES. CLIFFORD H. GREEN, Grand Rapids, Mich., assignor, by mesne assignments, to Automatic Musical Instrument Company, Grand Rapids, Mich., a Corporation of Delaware. Filed Oct. 8, 1923. Serial No. 666,220. 23 Claims. (Cl. 84-123.)



7. In a device of the class described, a record-sheet, a record-spool upon which said record-sheet is wound, a take-up spool, a gear-train actuated by the unwinding of said record-sheet from said record-spool, a power-spring operatively connected to said gear-train and wound by the actuation thereof, and braking means acting upon said take-up spool and operatively connected with said power-spring.

1,647,113. LOOM FOR WEAVING WIRE FABRIC. WILHELM KELLER, Ronsdorf, Germany. Filed June 7, 1926, Serial No. 114,310, and in Germany Mar. 3, 1925. 4 Claims. (Cl. 139-12.)



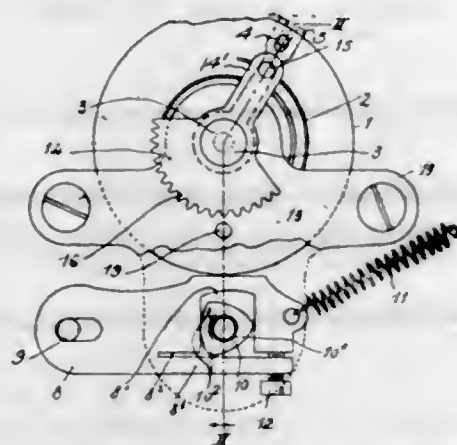
1. An apparatus for weaving machine sieves for use in the manufacture of paper, comprising in combination fixed reed blades, beat-up bars guided between the said reed blades, two slides in engagement with the said beat-up bars, means for guiding the slides on either side of the woven fabric in the direction of its width, and means for forcing the said beat-up bars against the fabric, as set forth.

1,647,114. FLEXIBLE TORQUE-TRANSMITTING MEMBER. ANGUS S. MACDONALD, Great Neck, N. Y., assignor, by mesne assignments, to Spicer Manufacturing Corporation, South Plainfield, N. J., a Corporation of Virginia. Filed Oct. 17, 1922. Serial No. 595,040. 2 Claims. (Cl. 64-96.)



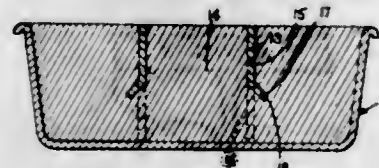
1. A flexible torque transmitting disk comprised of cords or strength elements of a thickness approximately the thickness of the disk, and means effecting assembly of the elements in disk form including tying threads.

1,647,115. DEVICE FOR INDICATING SPEED. GEORGE MOMBUR, Versailles, France. Filed Apr. 2, 1927, Serial No. 180,568, and in France Mar. 27, 1926. 5 Claims. (Cl. 264-21.)



1. A speed indicating apparatus comprising a rotatable speed measuring member having an arcuate working surface, a spring tending to restore said member to the position corresponding to zero speed, an oscillating pawl adapted to intermittently engage the said working surface of the speed measuring member, resilient means tending to engage the pawl with the working surface of the speed measuring member and also tending to move said pawl along said surface from a definite starting position whereby to advance said member, and a cam driven in accordance with the speed which is to be measured and controlling the movement of said pawl, said cam being adapted to positively disengage the pawl from said surface and during such disengagement to return the pawl against the action of said resilient means towards the starting position.

1,647,116. REFRIGERATION. CHARLES C. SPREEN, Detroit, Mich. Filed Jan. 10, 1927. Serial No. 160,297. 2 Claims. (Cl. 62-111.)



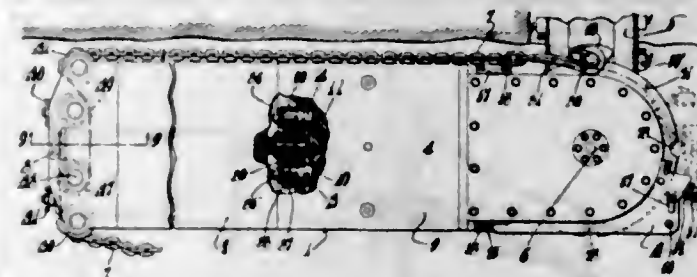
1. For use in connection with mechanical refrigeration refrigerant expansion apparatus, and for the freezing of substances under the action of said refrigerant expansion apparatus; a container formed to be received in and supported by said refrigerant expansion apparatus, and a grid for dividing the space within said container into a plurality of smaller spaces, comprising at least two sets of intersecting plates having cooperating notches at their points of intersection to permit assembly of said sets into said grid, each of said sets comprising at least one plate, and means to hold said plates assembled comprising offset extensions at the closed ends of one notch of each pair of cooperating notches, and tongues projecting into the closed ends of each cooperating notch deformable into said extensions upon assembly of said plates into said grid to thereafter hold said plates so assembled.

1,647,117. EYE-EXERCISING DEVICE. IVAN FOX, Media, Pa., assignor to ADDA E. FOX, Media, Pa. Filed May 27, 1926. Serial No. 111,935. 6 Claims. (Cl. 128-25.)



3. A device for exercising the eyes comprising a vertical post, a stem rotatably mounted upon the upper end of said post and constituting an extension thereof, a bar rotatably mounted upon the upper end of said stem and extending substantially at right angles thereto, and a rod mounted upon the said bar and extending substantially at right angles thereto, the said rod being adjustable lengthwise and terminating at its opposite ends in objective members.

1,647,118. MINING MACHINE. MORRIS P. HOLMES, Claremont, N. H., assignor to Sullivan Machinery Company, a Corporation of Massachusetts. Filed Apr. 8, 1924. Serial No. 705,089. 24 Claims. (Cl. 262-30.)



1. In a mining machine, a frame having a feed operating member thereon adapted to cooperate with a flexible feeding element and rotatable on an axis extending longitudinally of the machine, and cooperating guiding mechanism including a plurality of guiding members disposed on upstanding axes on each side of and in horizontal planes above and below the axis of said feed operating member whereby a flexible feeding element may be reeved in operative engagement with said feed operating member and with guiding members on opposite sides thereof simultaneously.

ALPHABETICAL LIST OF REGISTRANTS OF TRADE-MARKS.

A/S. The Bergen Canning Co., to A/S. United Sardine Factories, Bergen, Norway, successor. Smoked, canned, pickled, and preserved fish. 64,268; renewed July 30, 1927.

A/S. United Sardine Factories. (See A/S. The Bergen Canning Co.)

Acme Brick Company, Danville, Ill. Brick. 233,581; Oct. 4; Serial No. 248,386; published July 5, 1927. Class 12.

Acme Brick Company, Danville, Ill. Brick. 233,533; Oct. 4; Serial No. 248,383; published July 5, 1927. Class 12.

Acushnet Process Company, Acushnet, Mass. Golf tees. 233,616; Oct. 4; Serial No. 250,590; published July 19, 1927. Class 22.

Altken, Son & Co., to Altken, Son & Co., New York, N. Y., successor. Laces. 64,185; renewed July 30, 1927.

Altken, Son & Co., to Altken, Son & Co., New York, N. Y. Ladies' hats and hat frames. 64,817; renewed Aug. 29, 1927.

American Diamant Company, The. (See Erste Wiener Export-Malzfabrik Hauser & Sobotka.)

American La France Fire Engine Company, Inc., Elmira, N. Y. Engine-driven fire apparatus. 233,551; Oct. 4; Serial No. 249,109; published July 26, 1927. Class 23.

American Metal Products Corporation, San Francisco, Calif. Lighters and dispensers for cigars, etc. 233,513; Oct. 4; Serial No. 248,804; published July 26, 1927. Class 21.

American Road Machinery Company, Kennett Square, Pa. Road scrapers, road rollers, etc. 233,501; Oct. 4; Serial No. 228,398; published July 26, 1927. Class 23.

American Stove Company, St. Louis, Mo. Stoves and their parts. 64,653; renewed Aug. 20, 1927.

Andelenis, Speros, New York, N. Y. Cigarettes. 233,583; Oct. 4; Serial No. 230,910; published July 19, 1927. Class 17.

Antidoloro Mfg. Co., The. (See Waite, Ralph B.)

Arbuthnot Oil Company, Fisher, Okla. Gasoline, kerosene, lubricating oils and greases, etc. 233,516; Oct. 4; Serial No. 248,983; published July 26, 1927. Class 15.

Archers Company, The. (See Rousevele, Phillip.)

Arrow Electric Company, The, Hartford, Conn. Electrical switches. 67,282; renewed Jan. 28, 1928.

Associated Attleboro Manufacturers Inc., Attleboro, Mass. Vanity cases. 233,669; Oct. 4; Serial No. 249,630; published July 26, 1927. Class 28.

Atlantic Mills, The, Olneyville, R. I., and Stottville, N. Y. Woolen textile fabrics. 233,498; Oct. 4; Serial No. 247,117; published July 26, 1927. Class 42.

Atlantic Mills, The, Olneyville, R. I. Woolen dress goods. 233,562; Oct. 4; Serial No. 224,796; published Apr. 6, 1926. Class 42.

Atlantic Mills, The, Olneyville, R. I. Woolen dress goods. 233,565; Oct. 4; Serial No. 224,798; published Apr. 6, 1926. Class 42.

Atmore & Son, assignor to Atmore & Son, Inc., Philadelphia, Pa. Mince meat. 67,038-9; renewed Jan. 14, 1928.

Atmore & Son, assignor to Atmore & Son, Inc., Philadelphia, Pa. Plum pudding. 67,148; renewed Jan. 21, 1928.

Automatic Soda Dispensing Corporation, Philadelphia, Pa. Automatic coin-controlled beverage dispensing and vending machines. 233,558; Oct. 4; Serial No. 231,895; published July 26, 1927. Class 23.

Automotive Manufacturing Company. (See Lafite, Roger G.)

Bako Process Company, Minneapolis, Minn. Paint, varnish, enamel, and lacquer remover. 233,709; Oct. 4; Class 16.

Baron, H., & Co. Inc., New York, N. Y. Crushed fruits and sundries and toppings in bulk for use in ice cream. 233,554; Oct. 4; Serial No. 225,863; published July 19, 1927. Class 46.

Baugh, L. W., Los Angeles, Calif. Gasoline. 233,706; Oct. 4; Class 15.

Beidel, Henri, Inc., New York, N. Y. Perfumes and toilet waters. 233,621; Oct. 4; Serial No. 250,395; published July 26, 1927. Class 6.

Berkeley Springs Bottling Co., Inc., Berkeley Springs, W. Va. Beverages sold as soft drinks. 233,543; Oct. 4; Serial No. 249,211; published July 12, 1927. Class 45.

Bird-Archer Company, The, New York, N. Y. Chemical preparation. 233,548; Oct. 4; Serial No. 249,110; published July 26, 1927. Class 6.

Blackhawk Petroleum Co., Chicago, Ill. Oils and greases. 233,689; Oct. 4; Serial No. 243,584; published July 26, 1927. Class 15.

Blackhawk Petroleum Co., Chicago, Ill. Lubricating oils and greases. 233,690-1; Oct. 4; Serial Nos. 243,525-6; published July 26, 1927. Class 15.

Blackstone Manufacturing Company, doing business as Tru-Lax Manufacturing Co., Newark, N. J. Tablets of aspirin. 233,679; Oct. 4; Serial No. 249,609; published July 26, 1927. Class 6.

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Blancke-Baer Chemical Co., assignor to Blancke-Baer Extract & Preserving Company, St. Louis, Mo. Ginger ale. 67,222; renewed Jan. 21, 1928.

Blue Seal Extract Co., Cambridge, Mass. Ginger ale and sirups used in making the same. 233,563; Oct. 4; Serial No. 250,487; published July 19, 1927. Class 45.

Bohemian Ginger Ale Co. (See Napa Rock Mineral Water Co.)

Boone County Coal Corporation, Sharples, W. Va., and Philadelphia, Pa. Bituminous coal. 233,700; Oct. 4; Class 1.

Borchert, Curt, Berlin, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del. and New York N. Y. Medicine. 65,549; renewed Oct. 8, 1927.

Bosworth, R. S. (See Howarth, John H., assignor.)

Bradland, John Ltd. also doing business as Venus Packing Co., Stavanger, Norway, and Boston, Mass. Canned fish. 233,557; Oct. 4; Serial No. 201,646; published Aug. 11, 1925. Class 46.

Bradshaw, William R., New York, N. Y. Woolen piece goods. 233,574; Oct. 4; Serial No. 234,077; published Aug. 10, 1926. Class 42.

Broderick & Bascom Rope Company, St. Louis, Mo. Wire-rope drilling cables. 233,575; Oct. 4; Serial No. 235,729; published July 26, 1927. Class 7.

Broderick-Son-Raymond Company, Minneapolis, Minn. Reflectors. 233,520; Oct. 4; Serial No. 247,884; published July 12, 1927. Class 22.

Brooker, Ewald, Elizabeth, N. J. Beverages sold as soft drinks and sirups for making the same, etc. 233,637; Oct. 4; Serial No. 250,060; published July 19, 1927. Class 45.

Bronx Mineral Water Co. Inc., New York, N. Y. Beverages sold as soft drinks and sirups for making the same. 233,660; Oct. 4; Serial No. 250,158; published July 19, 1927. Class 45.

Brown, Edward W., Co., assignor to Martin Camm Co., San Francisco, Calif. Canned fruits, vegetables, fruit preserves, apple butter, etc. 233,695; Oct. 4; Serial No. 211,015; published Mar. 1, 1927. Class 46.

Brown & Williamson Tobacco Corporation, Winston-Salem, N. C. Smoking and chewing tobacco. 233,599-601; Oct. 4; Serial Nos. 250,372-4; published July 19, 1927. Class 17.

Brown & Williamson Tobacco Corporation, Winston-Salem, N. C. Smoking and chewing tobacco. 233,602-3; Oct. 4; Serial Nos. 250,376-7; published July 19, 1927. Class 17.

Brown & Williamson Tobacco Corporation, Winston-Salem, N. C. Snuff. 233,604; Oct. 4; Serial No. 250,380; published July 19, 1927. Class 17.

Brown & Williamson Tobacco Corporation, Winston-Salem, N. C. Smoking and chewing tobacco. 233,605-6; Oct. 4; Serial Nos. 250,382-3; published July 19, 1927. Class 17.

Brown & Williamson Tobacco Corporation, Winston-Salem, N. C. Smoking and chewing tobacco. 233,607-8; Oct. 4; Serial Nos. 250,387-88; published July 19, 1927. Class 17.

Brown & Williamson Tobacco Corporation, Winston-Salem, N. C. Snuff. 233,622-3; Oct. 4; Serial Nos. 250,393-4; published July 19, 1927. Class 17.

Brown & Williamson Tobacco Corporation, Winston-Salem, N. C. Smoking and chewing tobacco. 233,624-5; Oct. 4; Serial Nos. 250,389-90; published July 19, 1927. Class 17.

Brown & Williamson Tobacco Corporation, Winston-Salem, N. C. Smoking and chewing tobacco. 233,666; Oct. 4; Serial No. 250,368; published July 19, 1927. Class 17.

Brown & Williamson Tobacco Corporation, Winston-Salem, N. C. Smoking and chewing tobacco. 233,667; Oct. 4; Serial No. 250,370; published July 19, 1927. Class 17.

Bruhke, Bros., Chicago, Ill. Beverages sold as soft drinks, sirups and extracts for making the same. 233,594; Oct. 4; Serial No. 249,945; published July 19, 1927. Class 45.

Buckley, Newhall Company, The, New York, N. Y. Electric coffee and teapots and percolators, dishwashing machines, vacuum cleaners, etc. 233,578; Oct. 4; Serial No. 241,083; published July 26, 1927. Class 21.

Buffalo Specialty Company, now by change of name to Liquid Veneer Corporation, Buffalo, N. Y. Detergent and polishing liquids. 233,568; Oct. 4; Serial No. 225,995; published July 26, 1927. Class 10.

Butterfield, Fred, & Co. Inc. (See Hyde, A. G., & Sons, assignor.)

Cabot, Godfrey L., assignor to Godfrey L. Cabot, Inc., Boston, Mass. Carbon, lamp and gas black. 67,327; renewed Jan. 28, 1928.

California Fruit Growers Exchange, Los Angeles, Calif. Electric fruit-juice extractors. 233,633; Oct. 4; Serial No. 249,510; published July 26, 1927. Class 21.

Cannon, Henry P., assignor to H. P. Cannon & Son, Inc., Bridgeville, Del. Canned fruits and vegetables. 67,706; renewed Feb. 18, 1928.

Caronation Milk Products Co. (See Pacific Coast Condensed Milk Co., assignor.)

Carver File Company, doing business as Delta File Works, Philadelphia, Pa. Files. 233,510; Oct. 4; Serial No. 245,532; published July 26, 1927. Class 23.

Celanese Corporation of America, New York, N. Y. Yarns or threads. 233,671; Oct. 4; Serial No. 249,781; published July 26, 1927. Class 43.

Celanese Corporation of America, New York, N. Y. Knitted, netted, and textile fabrics. 233,676; Oct. 4; Serial No. 249,780; published July 26, 1927. Class 42.

Chabasco-Gesellschaft m. b. H., Nuremberg, Germany. Beverages sold as soft drinks. 233,503; Oct. 4; Serial No. 246,815; published July 19, 1927. Class 45.

Cheln, Elizabeth H., Harrison, N. J. Toy wagons, carts, automobiles, etc. 233,497; Oct. 4; Serial No. 247,169; published July 19, 1927. Class 22.

Chemical Foundation, Incorporated, The. (See Borchert, Curt, assignor.)

Chemical Foundation, Incorporated, The. (See Chemische Fabrik auf Aktien vorm. E. Schering, assignor.)

Chemical Foundation, Incorporated, The. (See Elhardt Söhne, Aug., assignor.)

Chemical Foundation, Incorporated, The. (See Farbwerke Form. Meister Lucius & Brüning, assignor.)

Chemical Foundation, Incorporated, The. (See Vereinigte Chemische Werke Aktiengesellschaft, assignor.)

Chemische Fabrik auf Aktien (vorm. E. Schering), Berlin, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y. Antiseptics, deodorants, and disinfectants. 65,624; renewed Oct. 15, 1927.

Chemische Fabrik auf Aktien (vorm. E. Schering), Berlin, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y. Antiseptics, deodorants, and disinfectants. 65,626; renewed Oct. 15, 1927.

Chicago Belting Company, Chicago, Ill. Leather belting. 67,825; renewed Feb. 18, 1928.

Chicago Flexible Shaft Company, Chicago, Ill. Electric flatirons. 233,581; Oct. 4; Serial No. 242,091; published July 26, 1927. Class 21.

Chopak Textile Co., Inc., New York, N. Y. Knitted silk goods. 233,496; Oct. 4; Serial No. 247,261; published July 26, 1927. Class 42.

Coffin-Fletcher Packing Co., The, assignor to Kingan & Co. Incorporated, Indianapolis, Ind. Cured, dressed, cooked and canned meats, etc. 64,775; renewed Aug. 20, 1927.

Colt's Patent Fire Arms Manufacturing Co., Hartford, Conn. Phenolic condensation compounds. 233,643; Oct. 4; Serial No. 250,676; published July 26, 1927. Class 6.

Consolidated Wafer Company, Inc. (See Standard Wafer Co., assignor.)

Continental Motors Corporation, Detroit and Muskegon, Mich. Internal-combustion engines, etc., and parts. 233,517; Oct. 4; Serial No. 248,675; published July 26, 1927. Class 23.

Contract Waterproofing Company, St. Louis, Mo. Gray iron used for waterproofing. 233,584; Oct. 4; Serial No. 244,987; published July 5, 1927. Class 12.

Corbett, Thomas C., Washington, D. C. Imitation fruit-flavored sirups for soft drinks and soda water. 233,541; Oct. 4; Serial No. 249,264; published July 19, 1927. Class 45.

Cornhusker Hog Remedy Co. (See Lux, Harry M.)

Cudaby Packing Co., The, Chicago, Ill. Dry sausage. 233,707; Oct. 4; Class 46.

Daggett & Ramsdell, New York, N. Y. Skin lotion. 233,672; Oct. 4; Serial No. 249,893; published July 26, 1927. Class 6.

Delane Woolen Company, Inc., New York, N. Y. Woolen fabrics. 233,632; Oct. 4; Serial No. 249,466; published July 26, 1927. Class 42.

Delta File Works. (See Carver File Company.)

Dexter Brothers Company, Boston, Mass. Dampproof paint. 66,026; renewed Nov. 5, 1927.

Dickins, Hasseltine M., Brooklyn, N. Y. Toy animals. 233,636; Oct. 4; Serial No. 249,574; published July 19, 1927. Class 22.

Didisheim-Goldschmidt Fils et Cie., Fabrique Juvenia, La Chaux-de-Fonds, Switzerland. Watches, watch parts, etc. 233,580; Oct. 4; Serial No. 241,936; published July 26, 1927. Class 27.

Dougherty, A., New York, N. Y. Playing cards. 233,654-5; Oct. 4; Serial Nos. 250,015-16; published July 19, 1927. Class 22.

Dyeing, S. & H., Co., Inc., West New York, N. J. Rayon yarn. 233,521; Oct. 4; Serial No. 247,823; published July 26, 1927. Class 43.

Eastern Health Laboratory, Washington, D. C. Foot balm. 233,710; Oct. 4; Class 6.

Edison, Sylvan M., doing business as Edison Laboratories, Chicago, Ill. Denture brushes. 233,620; Oct. 4; Serial No. 250,401; published July 26, 1927. Class 29.

Edmanson, Bates & Co. Ltd., Toronto, Ontario, Canada. Pills. 233,530; Oct. 4; Serial No. 248,480; published July 26, 1927. Class 6.

Elhardt Söhne, Aug., Dietmannsried, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y. Color-setting compound used in dyeing. 65,473; renewed Oct. 8, 1927.

Elliott, J. S., to J. S. Elliott Coffee Co., Newville, Pa., successor. Coffee. 67,549; renewed Feb. 11, 1928.

Ely, Albert E., doing business as Quiz Chemical Co., Glasgow, Ky. Laxative. 233,651; Oct. 4; Serial No. 250,914; published July 26, 1927. Class 6.

Ely, Albert E., doing business as Quiz Chemical Co., Glasgow, Ky. Pile remedy. 233,652; Oct. 4; Serial No. 250,915; published July 26, 1927. Class 6.

Erste Wiener Export-Malzfabrik Hauser & Sobotka, Stadlau-Wien, Austria, to The American Diamalt Company, Cincinnati, Ohio, and New York, N. Y., successor. Malt preparation for use in making bread. 60,472; renewed Feb. 12, 1927.

Erste Wiener Export-Malzfabrik Hauser & Sobotka, Stadlau-Wien, Austria, to The American Diamalt Company, Cincinnati, Ohio, and New York, N. Y. Size for cotton and other threads and yarns. 60,590; renewed Feb. 12, 1927.

Fabric Fire Hose Company, Sandy Hook, Conn., and New York, N. Y. Rubber and fabric hose. 66,874; renewed Dec. 31, 1927.

Farbwerke vorm. Meister Lucius & Brüning, Höchst-on-the-Main, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y. Medicine for fever. 65,721; renewed Oct. 22, 1927.

Farmer, Earl C., doing business as The Magnaco Company, San Francisco, Calif. Electromagnetic belts. 233,511; Oct. 4; Serial No. 245,535; published July 26, 1927. Class 44.

Federal Gauge Company, The, Chicago, Ill. Electric controls for electric switches, etc. 233,507; Oct. 4; Serial No. 246,471; published July 26, 1927. Class 21.

Federal Gauge Company, The, Chicago, Ill. Electric controls for electric switches, etc. 233,536; Oct. 4; Serial No. 248,294; published July 26, 1927. Class 21.

Federal Gauge Company, The, Chicago, Ill. Electric controls for electric switches, temperature-operated electric switches, etc. 233,579; Oct. 4; Serial No. 241,814; published July 26, 1927. Class 21.

Federal Mill & Elevator Co. Inc. (See Globe Milling Co., assignor.)

Field, Alfred, & Co., Inc., New York, N. Y. Golf balls. 233,673; Oct. 4; Serial No. 249,880; published July 19, 1927. Class 22.

Fischer, J. A., Company, Philadelphia, Pa. Phonograph sound boxes and tone arms. 233,619; Oct. 4; Serial No. 250,403; published July 26, 1927. Class 36.

Fishelov, Irving H., doing business as H. Fishelov & Co., Chicago, Ill. Novelty toys. 233,595; Oct. 4; Serial No. 249,963; published July 19, 1927. Class 22.

Foamadent Co., New York, N. Y. Dentifrice. 233,663; Oct. 4; Serial No. 250,234; published July 26, 1927. Class 6.

Forstmann & Hoffmann Company, Passaic, N. J. Woolen piece goods. 233,514; Oct. 4; Serial No. 248,764; published July 26, 1927. Class 42.

Forstmann & Hoffmann Company, Passaic, N. J. Woolen piece goods. 233,609-10; Oct. 4; Serial No. 250,502-3; published July 26, 1927. Class 42.

Forstmann & Hoffmann Company, Passaic, N. J. Woolen piece goods. 233,611; Oct. 4; Serial No. 250,507; published July 26, 1927. Class 42.

Fountain Manufacturing Company, Inc., Birmingham, Ala. Beverage-dispensing machines and parts thereof. 233,684; Oct. 4; Serial No. 250,610; published July 26, 1927. Class 23.

Gebrüder Siemens & Company, Berlin-Lichtenberg, Germany. Electric conductor and resistance materials. 233,687; Oct. 4; Serial No. 244,300; published July 26, 1927. Class 21.

General Industries Company, The, Elyria, Ohio. Fish-line reels. 233,618; Oct. 4; Serial No. 250,409; published July 19, 1927. Class 22.

Globe Bottling Co. (See Kanner, Abe.)

Globe Milling Co., assignor to Federal Mill & Elevator Co., Inc., Lockport, N. Y. Wheat flours. 60,589; renewed Dec. 17, 1927.

Goldberg, Jacob, doing business as Ormont Watch Company, New York, N. Y. Watch movements. 233,493; Oct. 4; Serial No. 245,091; published July 26, 1927. Class 27.

Goldring, Harold, Chicago, Ill. Cigars. 233,629; Oct. 4; Serial No. 249,348; published July 19, 1927. Class 17.

Goodyear Metallic Rubber Shoe Company, The, Naugatuck, Conn. Rubber boots and shoes. 63,997; renewed Nov. 5, 1927.

Goutal, André A., doing business as André Goutal & Co., New York, N. Y. Astringents, astringent cerates, bleach creams, etc. 233,678; Oct. 4; Serial No. 249,720; published July 26, 1927. Class 6.

Graham Paper Company, St. Louis, Mo. Printing and writing paper. 67,377-8; renewed Jan. 28, 1928.

H. & B. Textile Chemical Corporation, New York, N. Y. Specially-treated oil used to prepare all kinds of textile material for lubricant and dye penetrant. 233,546; Oct. 4; Serial No. 249,171; published July 26, 1927. Class 6.

H. & B. Textile Chemical Corporation, New York, N. Y. Preparation for stiffening animal textile material. 233,547; Oct. 4; Serial No. 249,170; published July 26, 1927. Class 6.

H. & H. Scribe Saw Company, Detroit, Mich. Electrically-operated scribe saws and ham markers. 233,566; Oct. 4; Serial No. 227,348; published July 26, 1927. Class 21.

Half, M. & Bro., San Antonio, Tex. Hosiery. 66,373; renewed Nov. 26, 1927.

Half, M. & Bro., San Antonio, Tex. Clothing. 66,426; renewed Nov. 26, 1927.

Half, M. & Bro., San Antonio, Tex. Knitted garments. 66,724; renewed Dec. 24, 1927.

Haloid Company, The, Rochester, N. Y. Sensitized photographic developing papers. 233,545; Oct. 4; Serial No. 249,172; published July 26, 1927. Class 26.

Hartford Rubber Works Company, The, Hartford, Conn., and New York, N. Y., to The Hartford Rubber Works Company, Hartford, Conn. Rubber wheel tires. 66,644; renewed Dec. 17, 1927.

Heinz, H. J., Company, Allegheny, Pa., to H. J. Heinz Company, Pittsburgh, Pa. Foods. 67,934; renewed Feb. 25, 1928.

Henninger, A. F., Corporation, Chicago, Ill. Radio vacuum tubes. 233,634; Oct. 4; Serial No. 249,522; published July 26, 1927. Class 21.

Heppe, C. J., & Son, to C. J. Heppe & Son, Philadelphia, Pa., successor. Pianos, mandolins, guitars, banjos, and violins. 60,234-5; renewed Jan. 29, 1927.

Heston & Anderson, Fairfield, Iowa. Portable electric bench machines. 233,535; Oct. 4; Serial No. 248,298; published July 26, 1927. Class 21.

Hood Rubber Co., Boston, Mass., to Hood Rubber Company, Watertown, Mass. Rubber footwear and rubber tires for motor vehicles. 66,987; renewed Jan. 7, 1928.

Hospital Specialty Co., The, Cleveland, Ohio. Sanitary napkins. 233,591; Oct. 4; Serial No. 235,817; published July 26, 1927. Class 44.

House, Jacob, & Sons, Buffalo, N. Y. Beverages, flavoring concentrates and sirups, and extracts for making the same. 233,612; Oct. 4; Serial No. 250,540; published July 19, 1927. Class 45.

Houston, John, Wellston to John Houston, Jackson, Ohio. Medicine. 67,139; renewed Jan. 21, 1928.

Howarth, John H., New Haven, Conn., assignor to R. S. Bosworth, White Plains, N. Y. Remedy for rheumatism and gout. 66,645; renewed Dec. 17, 1927.

Hubbard, Albert, to The Roycrofters, East Aurora, N. Y., successor. Publications. 67,477; renewed Feb. 4, 1928.

Hug, Herman H., sr. (See Sperry, Emory C.)

Hunt, M. A., & Co., Cincinnati, Ohio; Chattanooga, Tenn.; Louisville, Ky.; and Evansville, Ind., assignor, by means assignments, to The Royal Blue Bed Spring Company, Cincinnati, Ohio. Spring beds. 67,598; renewed Feb. 11, 1928.

Hyde, A. G., & Sons, assignor to Fred Butterfield & Co. Inc., New York, N. Y. Bleached, unbleached, dyed, and printed textile fabrics. 64,183; renewed July 30, 1927.

Hyde, A. G., & Sons, assignor to Fred Butterfield & Co. Inc., New York, N. Y. Bleached, unbleached, dyed, and printed textile fabrics. 64,234; renewed July 30, 1927.

Hygiene Products Co., New York, N. Y. Sanitary napkins. 233,681-2; Oct. 4; Serial Nos. 249,600-1; published July 26, 1927. Class 44.

I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main and Ludwigshafen-on-the-Rhine, Germany. Chemical emulsifying agents. 233,693; Oct. 4; Serial No. 243,484; published July 26, 1927. Class 6.

Ideal Roller and Manufacturing Company, Chicago, Ill. Rollers for printing presses, etc. 233,585; Oct. 4; Serial No. 244,447; published July 26, 1927. Class 23.

Illinois Canning Co., Camden, N. J., and Hoopston, Ill., assignor to The Illinois Canning Co., Hoopston, Ill. Canned corn. 67,315; renewed Jan. 28, 1928.

International Harvester Company, Chicago, Ill. Lubricating oil. 233,573; Oct. 4; Serial No. 233,935; published July 26, 1927. Class 15.

Iron-Ox Remedy Company, Detroit, Mich. Remedy for laxative and blood purifying purposes. 67,357; renewed Jan. 28, 1928.

Ishii, Al, Sacramento, Calif. Sanitary belts. 233,588; Oct. 4; Serial No. 241,057; published July 26, 1927. Class 44.

Jacks-Evans Manufacturing Company, St. Louis, Mo. Stovepipes. 66,489; renewed Dec. 3, 1927.

Jacobson, Benjamin, doing business as Lexington Products Co., Brooklyn, N. Y. Sanitary napkins. 233,668; Oct. 4; Serial No. 250,618; published July 26, 1927. Class 44.

Jewett & Sherman Co. (See Murdock, C. A., Mfg. Co.)

Johnson, George M., doing business as Pilot Paint & Varnish Co., Chicago, Ill. Varnishes, paints, paint enamels, etc. 233,544; Oct. 4; Serial No. 249,177; published July 26, 1927. Class 16.

Johnson Motor Company, South Bend, Ind. Outboard motors. 233,598; Oct. 4; Class 23.

Jönköpings och Västerns Tändsticksfabriksaktiebolag, Jönköping, Sweden. Matches. 233,506; Oct. 4; Serial No. 246,210; published July 26, 1927. Class 9.

Kanner, Abe, doing business as Globe Bottling Co., Los Angeles, Calif. Beverages sold as soft drinks. 233,617; Oct. 4; Serial No. 250,461; published July 19, 1927. Class 45.

Katz & Ogush, Inc., New York, N. Y. Finger rings, bar pins, scarf pins, etc. 233,630; Oct. 4; Serial No. 249,357; published July 26, 1927. Class 28.

Kaufmann, F. A., Manufacturing Company, St. Louis, Mo. Sweet apple cider. 233,664; Oct. 4; Serial No. 250,308; published July 19, 1927. Class 45.

Kay Graham Co., The, Portsmouth, Ohio. Strings for musical instruments. 68,050; renewed Mar. 3, 1928.

Kearney, J., & Co., to Joseph Francis Kearney, doing business as J. Kearney and Company, Liverpool, England, successor. Stylographic fountain pens. 66,269; renewed Nov. 19, 1927.

Keating, Matilda, Grand Marais, Mich. Worsted sweaters. 233,714; Oct. 4; Class 39.

Kendall Mills Inc., Walpole, Mass. Piece goods of cotton or rayon. 233,593; Oct. 4; Serial No. 249,909; published July 26, 1927. Class 42.

Kingan & Co. Incorporated. (See Coffin-Fletcher Packing Co., The, assignor.)

Kingan & Company, Ltd., Belfast, Ireland, and Richmond, Va., assignor to Kingan & Co. Incorporated, Indianapolis, Ind. Hams and bacon. 64,918; renewed Aug. 27, 1927.

Kingan & Company Ltd., Belfast, Ireland; Indianapolis, Ind.; and Richmond, Va., assignor to Kingan & Co. Incorporated, Indianapolis, Ind. Smoked and salt meats. 65,700; renewed Oct. 15, 1927.

Kingan and Company, Limited, Belfast, Ireland; Indianapolis, Ind.; Baltimore, Md.; and Richmond, Va., assignor to Kingan & Co. Incorporated, Indianapolis, Ind. Cured meats and sausage. 66,686; renewed Dec. 24, 1927.

Kingan and Company, Limited, Belfast, Ireland; Indianapolis, Ind.; Baltimore, Md.; and Richmond, Va., assignor to Kingan & Co. Incorporated, Indianapolis, Ind. Cured, cooked, canned, and salted meats, lard, and sausage. 66,687; renewed Dec. 24, 1927.

Kingan and Company, Limited, Belfast, Ireland; Indianapolis, Ind.; Baltimore, Md.; and Richmond, Va., assignor to Kingan & Co. Incorporated, Indianapolis, Ind. Cured and salted meats. 66,699-700; renewed Dec. 24, 1927.

Kingan and Company, Limited, Belfast, Ireland; Indianapolis, Ind.; Baltimore, Md.; and Richmond, Va., assignor to Kingan & Co. Incorporated, Indianapolis, Ind. Cured meats. 66,701; renewed Dec. 24, 1927.

Kirkpatrick Bros., Scranton, Pa. Coffee, spices, rice, tapioca, etc. 233,570; Oct. 4; Serial No. 232,784; published Aug. 24, 1926. Class 46.

Kochendarrer, Ralph C., doing business as Ry-Hy Company, Washington, D. C. Beverages sold as soft drinks, extracts, concentrates, and sirups for making same. 233,670; Oct. 4; Serial No. 249,797; published July 19, 1927. Class 45.

Koegel, August, Thomaston, Conn. Beverages and sirups for making the same. 233,661; Oct. 4; Serial No. 250,177; published July 19, 1927. Class 45.

Kompass & Stoll Company, Inc., Niles, Mich. Kitchen table tops. 233,572; Oct. 4; Serial No. 232,130; published July 26, 1927. Class 32.

Kroger Grocery & Baking Co., The, Cincinnati, Ohio. Tissue paper. 233,699; Oct. 4; Class 37.

Kroger Grocery & Baking Co., The, Cincinnati, Ohio. Brooms. 233,711; Oct. 4; Class 29.

Lafite, Roger G., doing business as Automotive Manufacturing Company, Kansas City, Mo. Generator brush holders, battery cables, generator housings, etc. 233,495; Oct. 4; Serial No. 247,376; published July 26, 1927. Class 21.

Lange, William L., New York, N. Y. Banjos and strings, bridges, etc. 233,527; Oct. 4; Serial No. 248,638; published July 26, 1927. Class 36.

Lanman & Kemp, Inc., New York, N. Y. Laxative tablets. 233,638; Oct. 4; Serial No. 250,625; published July 26, 1927. Class 6.

Lax-A-Cake Company, Louisville, Ky. Cake. 233,665; Oct. 4; Serial No. 250,311; published July 26, 1927. Class 6.

Levene, Adele, New York, N. Y. Women's hats. 233,512; Oct. 4; Serial No. 246,168; published July 19, 1927. Class 39.

Levinson, Israel, doing business as Royal Bottling Co., Brooklyn, N. Y. Ginger ale and sirup for making the same. 233,560; Oct. 4; Serial No. 215,637; published Oct. 19, 1926. Class 45.

Lexington Products Co. (See Jacobson, Benjamin.)

Liberty & Co., Limited, London, England. Lawn, being cotton piece goods. 233,637; Oct. 4; Serial No. 249,592; published July 26, 1927. Class 42.

Lightfoot Schultz Company, Hoboken, N. J. Compounds for cleaning the hands and the like, shaving powder, outfit packages, etc. 233,697; Oct. 4; Class 4.

Link-Belt Company, Chicago, Ill. Oil-well drives and counterweighted disks on the drive. 233,553; Oct. 4; Serial No. 250,465; published July 26, 1927. Class 23.

Liquid Gold Local Antiseptic Co. (See Reed, A. T.)

Liquid Veneer Corporation. (See Buffalo Specialty Company.)

Liquid Veneer Corporation, Buffalo, N. Y. Preparation for sealing leaks in radiators. 233,703; Oct. 4; Class 6.

Liquid Veneer Corporation, Buffalo, N. Y. Preparation for sealing leaks in steam and hot-water boilers. 233,704; Oct. 4; Class 6.

Lucas, John, & Co., Inc., Philadelphia, Pa. Plastic paint. 233,596; Oct. 4; Serial No. 249,975; published July 26, 1927. Class 16.

Lucas, John & Co., Inc., Philadelphia, Pa. Glazing liquid and mixing oil for paint. 233,597; Oct. 4; Serial No. 249,976; published July 26, 1927. Class 16.

Litters, C. & Co., assignor to C. Litters & Co., Lowen-
work, Solingen, Germany. Pocketknives, scissors, and
razors. 62,989; renewed June 4, 1927.
Lux, Harry M., doing business as Cornhusker Hog Remedy
Co., Lincoln, Neb. Preparation for expelling worms
from hogs, etc. 233,598; Oct. 4; Serial No. 249,977;
published July 26, 1927. Class 6.
Madden, William J., New York, N. Y. Popcorn. 64,595;
renewed Aug. 13, 1927.
Magneco Company, The. (See Farmer, Earl C.)
Mahoney, Wilbur A., Jacksonville, Fla. Preparation for
the relief of headache, etc. 233,586; Oct. 4; Serial
No. 244,456; published July 26, 1927. Class 6.
Maillard, Henry, New York, to Henry Maillard, Inc., Long
Island City, N. Y., successor. Cocoa. 67,320; renewed
Jan. 28, 1928.
Malsh, Chas. A., Company, The, Cincinnati, Ohio. Com-
forters. 67,286; renewed Jan. 28, 1928.
Manitsee Iron Works Company. (See Rees, Edmund
S. G., assignor.)
Marinola Company, assignor to Raladam Company, De-
troit, Mich. Obesity remedies. 66,843; renewed Dec.
31, 1927.
Martin Camm Co. (See Brown, Edward W., Co., as-
signor.)
May Department Stores Company, The, Los Angeles,
Calif. Creams, liquids, pastes, powders, etc. 233,550;
Oct. 4; Serial No. 249,079; published July 26, 1927.
Class 6.
McClintock-Trunkay Co., Spokane, Wash. Canned fruits,
vegetables, and condensed milk. 233,534; Oct. 4;
Serial No. 248,311; published July 19, 1927. Class 46.
Meyers, B. Frank, executor. (See Patterson, Joseph E.)
Middleby Oven Manufacturing Company, to Middleby-
Marshall Oven Company, Chicago, Ill. Portable bake
ovens. 65,597; renewed Oct. 8, 1927.
Mii-Coa Company, The, Cincinnati, Ohio. Beverage sold
as a soft drink, etc. 233,567; Oct. 4; Serial No.
225,198; published Oct. 26, 1926. Class 45.
Mitchell Fletcher Company, Philadelphia, Pa., and Atlantic
City, N. J. Jellies, jams, fruits in glass, canned fruits,
etc. 233,508; Oct. 4; Serial No. 246,173; published
July 19, 1927. Class 46.
Model Heating Company, Philadelphia, Pa., assignor to
Richmond Radiator Company, New York, N. Y. Hot
water heaters and steam boilers. 67,648; renewed Feb.
11, 1928.
Monesta Company, The. (See Stamm, Lester.)
Montllor Bros., doing business as Spanish Antique Shop,
New York, N. Y. Wrought iron and other metal
objects of art, statuary, carvings, etc. 233,696; Oct. 4.
Class 50.
Moorman, C. P., & Company, Inc., Louisville, Ky.
Whisky. 64,379; renewed Aug. 6, 1927.
Motte-De Vann, Inc., San Francisco, Calif. Decorated
handkerchiefs. 233,569; Oct. 4; Serial No. 225,313;
published July 26, 1927. Class 42.
Mountain Valley Springs Company, The, Hot Springs,
Ark. Beverages. 233,537-9; Oct. 4; Serial Nos.
248,118-20; published July 12, 1927. Class 45.
Moxie Company, The, Boston, Mass. Playing cards, base-
ball bats, toy canes, dolls, toy balloons, etc. 233,571;
Oct. 4; Serial No. 231,747; published July 19, 1927.
Class 22.
Mueller, L. J., Furnace Company, Milwaukee, Wis. Fur-
naces, heaters, and boilers. 65,232; renewed Sept. 10,
1927.
Muller & Kaplan, New York, N. Y. Strings for violins,
etc. 232,522; Oct. 4; Serial No. 248,645; published
July 26, 1927. Class 36.
Munro, William R., Los Angeles, Calif. Salve and lotion
for external use. 233,649; Oct. 4; Serial No. 250,855;
published July 26, 1927. Class 6.
Murdock, C. A., Mfg. Co., Kansas City, Mo., to Jewett &
Sherman Co., Milwaukee, Wis. Coffee. 64,544; renewed
Aug. 13, 1927.
Naamloze Vennootschap Handelsvereniging Udolpho
Wolfe Company. (See Wolfe, Udolpho, Company, as-
signor.)
Napa Rock Mineral Water Co., doing business as Bohemian
Ginger Ale Co., Oakland, Calif. Ginger ale. 233,708;
Oct. 4. Class 45.
Nature's Toothpaste Corporation, Los Angeles, Calif.
Tooth paste. 233,650; Oct. 4; Serial No. 250,856;
published July 26, 1927. Class 6.
Newman, Hugo, New York, N. Y. Stereopticons, optical
projecting instruments, etc. 233,646; Oct. 4; Serial No.
250,756; published July 26, 1927. Class 26.
Newman, I., & Sons, assignor to L. Newman & Sons, Inc.,
New Haven, Conn. Corsets. 67,189; renewed Jan. 21,
1928.
New, J. M., Company, The, Hartford, Conn. Gold alloys.
233,528-29; Oct. 4; Serial Nos. 248,588-9; published
July 26, 1927. Class 44.
New, J. M., Company, The, Hartford, Conn. Gold alloys
for dental purposes. 233,680; Oct. 4; Serial No.
249,673; published July 26, 1927. Class 44.
Norris, Wilbur C., Tulsa, Okla. Casing clamps. 233,587;
Oct. 4; Serial No. 244,236; published July 26, 1927.
Class 23.
Orange-Crush Company, Chicago, Ill. Beverages and
sirups, compounds, flavors, and concentrates for mak-
ing the same. 233,931; Oct. 4; Serial No. 249,433;
published July 19, 1927. Class 45.
Orbon Stove and Range Co., assignor to Orbon Stove Co.,
Belleville, Ill. Stoves and ranges. 67,651; renewed
Feb. 11, 1928.
Ormont Watch Company. (See Goldberg, Jacob.)
Ortega, Domingo A., Albuquerque, N. Mex. Ointment.
233,639; Oct. 4; Serial No. 250,631; published July 26,
1927. Class 6.
Ortega, Adelaide, doing business as Parfumerie de Boor,
Paris, France. Hair tonic. 233,522; Oct. 4; Serial
No. 247,748; published July 26, 1927. Class 6.
Ortega, Adelaide, doing business as Parfumerie de Boor,
Paris, France. Skin tonic. 233,523; Oct. 4; Serial No.
247,747; published July 26, 1927. Class 6.
Owbridge, W. T., Limited, Hull, England. Lung tonic.
66,650; renewed Dec. 17, 1927.
Pacific Coast Condensed Milk Co., assignor, by mesne
assignments, to Carnation Milk Products Co., Seattle,
Wash. Condensed milk. 63,320; renewed June 11,
1927.
Palmer Bottling Company, Philadelphia, Pa. Ginger ale.
233,500; Oct. 4; Serial No. 246,845; published July
12, 1927. Class 45.
Parfumerie de Boor. (See Ortega, Adelaide.)
Pass & Seymour, Inc., Solvay Station, Syracuse, N. Y.
Electrical receptacles, lighting fixtures, and parts there-
of. 233,552; Oct. 4; Serial No. 249,019; published
July 26, 1927. Class 21.
Patterson, Joseph E., to B. Frank and Helen P. Meyers,
executors under the will of Joseph E. Patterson,
Wilkes-Barre, Pa., successor. Spring water. 66,223;
renewed Nov. 19, 1927.
Patterson-Sargent Company, The, Cleveland, Ohio. Paint-
ers' materials. 66,770; renewed Dec. 24, 1927.
Pearl City Fruit Company, Limited, Pearl City, and Hono-
lulu, Hawaii, to Pearl City Fruit Co. Ltd., Honolulu,
Hawaii. Canned pineapple. 67,502; renewed Feb. 14,
1928.
Pennino, Oreste, doing business as Pennino Brothers, New
York, N. Y. Jewelry. 233,526; Oct. 4; Serial No.
248,590; published July 26, 1927. Class 28.
Phila. Scoop & Scale Mfg. Co., Philadelphia, Pa. Scales.
233,627-8; Oct. 6; Serial Nos. 232,882-3; published
July 26, 1927. Class 26.
Pickard Studios, Incorporated, Chicago, Ill. Pottery and
porcelain. 233,564; Oct. 4; Serial No. 226,373; pub-
lished July 26, 1927. Class 30.
Pilot Paint & Varnish Co. (See Johnson, George M.)
Pond, Frank N., assignor to Pond Pharmaceutical Company,
New York, N. Y. Cold cream and remedy for dys-
pepsia. 66,752; renewed Dec. 24, 1927.
Postal Cigar Company, The, Miami, Fla. Cigars. 233,515;
Oct. 4; Serial No. 245,722; published July 19, 1927.
Class 17.
Prait & Whitney Company, New York, N. Y. Dimension
gauges and attachments therefor. 233,640; Oct. 4;
Serial No. 250,637; published July 26, 1927. Class 26.
Printz-Biederman Company, The, Cleveland, Ohio. Cloth-
ing. 67,103; renewed Jan. 14, 1927.
Pyne-Pix Gum Co., San Francisco, Calif. Medicated
chewing gum. 233,705; Oct. 4. Class 6.
Quality Specialty Mfg. Co., St. Paul, Minn. Mechanical
and automatic stoppers. 233,592; Oct. 4; Serial No.
234,150; published July 26, 1927. Class 23.
Quiz Chemical Co. (See Ely, Albert E.)
Raladam Company. (See Marmola Company, assignor.)
Raquel Incorporated, New York, N. Y. Perfumes, toilet
water, toilet powders, etc. 233,540; Oct. 4; Serial No.
249,294; published July 26, 1927. Class 6.
Read, William F., & Sons Co., Philadelphia, Pa. Woolen
piece goods. 233,659; Oct. 4; Serial No. 250,139; pub-
lished July 26, 1927. Class 42.
Red Poppy Mfg. Co., Newark, N. J. Ball game. 233,577;
Oct. 4; Serial No. 241,001; published July 19, 1927.
Class 22.
Reed, A. T., doing business as Liquid Gold Local Anti-
septic Co., Lockney, Tex. Local antiseptic for external
use. 233,647; Oct. 4; Serial No. 250,820; published
July 26, 1927. Class 6.
Rees, Edmund S. G., Wolverhampton, England, assignor
to Manitsee Iron Works Company, Manitsee, Mich., suc-
cessor. Pumps and turbines. 65,219; renewed Sept.
10, 1927.
Reichard-Coulston Inc., New York, N. Y. Dry-earth pig-
ments. 233,499; Oct. 4; Serial No. 247,009; pub-
lished July 26, 1927. Class 16.
Reo Motor Car Company, Lansing, Mich. Automobiles.
233,626; Oct. 4; Serial No. 245,029; published May
31, 1927. Class 19.
Revere Rubber Company, Boston, Mass., assignor to Revere
Rubber Company, Chelsea, Mass. Bellows, hose, and
machinery packing. 66,237; renewed Nov. 19, 1927.
Rice-Stix Dry Goods Company, St. Louis, Mo. Ladies'
muslin undergarments. 67,570; renewed Feb. 11, 1928.
Richmond Hosiery Mills, Chattanooga, Tenn., and Ros-
ville, Ga., to Richmond Hosiery Mills, Rossville, Ga.
Hosiery. 66,971; renewed Jan. 7, 1928.
Richmond Radiator Company. (See Model Heating Com-
pany, assignor.)
Riddo-Grams Chemical Company. (See Wolverton,
Marle K.)
Riley Stoker Corporation. (See Underfeed Stoker Com-
pany of America, assignor.)

Riverside & Dan River Cotton Mills, Inc., Danville, Va.
Cotton goods. 233,688; Oct. 4; Serial No. 244,108;
published July 26, 1927. Class 42.
Roberts, John B. Z., Kansas City, Mo. Amalgam filling
for teeth. 65,570; renewed Oct. 8, 1927.
Rounseville, Phillip, doing business as The Archers
Company, Pinchurst, N. C. Bows, arrows, quivers, and
arm guards. 233,518; Oct. 4; Serial No. 248,650;
published July 19, 1927. Class 22.
Royal Blue Bed Spring Company, The. (See Hunt,
M. A., & Co., assignor.)
Royal Bottling Co. (See Levinson, Israel.)
Royal Gem Mills Co., St. Johnsville, N. Y., assignor to
Union Mills, Inc., New York, N. Y. Tubular knit
ribbed fabric undergarments. 64,599; renewed Aug. 13,
1927.
Roycrofters, The. (See Hubbard, Elbert.)
Rubber and Celluloid Products Company, Newark, N. J.
Lather brushes. 233,635; Oct. 4; Serial No. 249,543;
published July 12, 1927. Class 29.
Ry-ly Company. (See Kochendörfer, Ralph C.)
St. Paul Rubber Co., St. Paul, Minn., assignor to United
States Rubber Company, New Brunswick, N. J., and
New York, N. Y. Rubber boots, overshoes, and rub-
bers. 65,816; renewed Oct. 22, 1927.
Sartorius, A., & Co., Inc., New York, N. Y. Paints.
233,549; Oct. 4; Serial No. 248,800; published July
26, 1927. Class 16.
Schoeneman, J., to J. Schoeneman, Incorporated, Bal-
timore, Md., successor. Pantaloon. 66,088; renewed
Nov. 3, 1927.
Seelbach, K. C., Company, New York, N. Y. Razors.
233,613-4; Oct. 4; Serial Nos. 250,570-1; published
July 26, 1927. Class 23.
Sherwin-Williams Company, The, Cleveland, Ohio.
Varnishes, first coats, paint enamels, and lacquers.
233,582; Oct. 4; Serial No. 173,679; published July
26, 1927. Class 16.
Smith & Egge Mfg. Co., Bridgeport, Conn. Sheet-metal
chains. 66,937; renewed Jan. 7, 1928.
Smith & Egge Mfg. Co., Bridgeport, Conn. Sheet-metal
chains. 67,301; renewed Jan. 28, 1928.
Smith & Egge Mfg. Co., Bridgeport, Conn. Alloy of
metal. 67,622; renewed Feb. 11, 1928.
Societa Italiana di Fonotipia, Milan, Italy. Talking ma-
chines, talking-machine records, sound boxes, etc.
233,576; Oct. 4; Serial No. 240,688; published July
26, 1927. Class 36.
Societe Anonyme des Caves et des Producteurs Reunis
de Roquefort, Roquefort, Aveyron, France. Roque-
fort cheese. 66,598; renewed Dec. 17, 1927.
South Bend Watch Company, South Bend, Ind. Watches.
67,959; renewed Feb. 25, 1928.
Spalding, A. G., & Bros., Jersey City, N. J., and New
York, N. Y. Golf-club irons. 66,434; renewed Nov.
26, 1927.
Spanish Antique Shop. (See Montllor Bros.)
Sperry, Emory C., to Herman H. Hug, sr., doing business
as Sperry Candy Company, Canton, Ohio, successor.
Candy. 62,703; renewed May 21, 1927.
Spinal-Magneto Co., San Diego, Calif. Electric treating
pads. 233,501; Oct. 4; Serial No. 246,936; published
July 26, 1927. Class 44.
Sportsmans Club Bev. Co. (See Tucker, G. E.)
Square Silk Mills, Inc., New York, N. Y. Crêpe de chine
piece goods. 233,648; Oct. 4; Serial No. 250,826;
published July 26, 1927. Class 42.
Squire Dinege Company, Chicago, Ill. Pickles and brined
vegetable material therefor, jellies, mustard, dill brine,
etc. 233,559; Oct. 4; Serial No. 228,672; published
July 19, 1927. Class 46.
Stamm, Lester, doing business as The Monesta Company,
New York, N. Y. Tooth brushes. 233,644; Oct. 4;
Serial No. 250,721; published July 19, 1927. Class 29.
Standard Oil Company, Whiting, Ind., and Chicago, Ill.
Candles and candle bases, paraffine wax, etc. 233,713;
Oct. 4. Class 15.
Standard Oil Company (New Jersey), Bayonne, N. J.
Oils, etc. 233,504-5; Oct. 4; Serial Nos. 246,717-8;
published July 26, 1927. Class 15.
Standard Wafer Co., New York, N. Y., assignor, by mesne
assignments, to Consolidated Wafer Company, Inc.,
Chicago, Ill., and Brooklyn, N. Y. Biscuits. 66,032;
renewed Nov. 5, 1927.
Star Extract Works, Inc., New York, N. Y. Maltless
flavorings and flavoring extracts. 233,555; Oct. 4;
Serial No. 176,510; published July 19, 1927. Class 45.
Starlight Brothers, assignor to Starlight Bros. Inc., New
York, N. Y. Cigars. 66,887; renewed Dec. 31, 1927.
Steiff, Margarete, Inc., New York, N. Y. Stuffed toy
animals. 233,675; Oct. 4; Serial No. 249,872; published
July 19, 1927. Class 22.
Stephens, Samuel, & Wickersham Quoin Company, Inc.
(See Wickersham Quoin Company.)
Stewart-Warner Speedometer Corporation, Chicago, Ill.
Sound amplifiers for radio receiving apparatus.
233,692; Oct. 4; Serial No. 243,072; published July
26, 1927. Class 21.
Stom-Uce Laboratories, Chicago, Ill. Medicine. 233,686;
Oct. 4; Serial No. 244,893; published July 26, 1927.
Class 6.
Stover Signal Engineering Co., The, Wilmington, Del., and
Rachue, Wis. Electrical vehicle lamps. 233,694; Oct.
4; Serial No. 242,151; published July 26, 1927.
Class 21.
Strobeck, G. A., Red Lion, Pa. Cigars. 233,662; Oct. 4;
Serial No. 250,210; published July 19, 1927. Class 17.
Strohmeier & Aerpe Co., New York, N. Y. Sea foods.
67,169; renewed Jan. 21, 1928.
Studebaker Corporation, The, South Bend, Ind. Tire
covers. 233,683; Oct. 4; Serial No. 249,613; published
July 26, 1927. Class 35.
Tilton & Keeler, Inc., New York, N. Y. Cotton goods and
rayon and cotton mixtures, etc. 233,685; Oct. 4;
Serial No. 244,963; published July 26, 1927. Class 42.
Tilton & Keeler, assignor to Tilton & Keeler, Inc., New
York, N. Y. Cotton piece goods. 67,084; renewed
Jan. 14, 1928.
Trans-Lux Daylight Picture Screen Corporation, New York,
N. Y. Automatic projecting advertising machines.
233,509; Oct. 4; Serial No. 245,167; published July
26, 1927. Class 26.
Traylance Mfg. & Imp't Co., Inc., New York, N. Y. Ladies'
girdle bloomers, sport bloomers, and pantee step-ins.
233,712; Oct. 4. Class 39.
Tru-Lux Manufacturing Co. (See Blackstone Manufac-
turing Company.)
Tucker, G. E., doing business as Sportmans Club Bev. Co.,
Eldorado Springs, Mo. Beverages sold as soft drinks.
233,542; Oct. 4; Serial No. 249,247; published July 12,
1927. Class 45.
Turell, A. M., Fabrics Corporation, New York, N. Y.
Silk fabrics. 233,656; Oct. 4; Serial No. 250,050;
published July 26, 1927. Class 42.
Turner & Vandam, Inc., New York, N. Y. All cotton,
rayon and cotton, and silk and cotton fabrics. 233,645;
Oct. 4; Serial No. 250,724; published July 26, 1927.
Class 42.
Underfeed Stoker Company of America, Chicago, Ill., as-
signor to Riley Stoker Corporation, Worcester, Mass.
Underfeed stokers. 63,886; renewed July 9, 1927.
Union Card & Paper Co., New York, N. Y. Bond paper
and linen envelopes and Bristol boards. 67,656; re-
newed Feb. 11, 1928.
Union Mills, Inc. (See Royal Gem Mills Co., assignor.)
United Electrical Manufacturing Company, Adrian, Mich.
Electrically-driven liquid mixers and electrical fans.
233,519; Oct. 4; Serial No. 248,658; published July
26, 1927. Class 21.
United States Rubber Company. (See St. Paul Rubber
Co., assignor.)
Urner & Gerber, Elizabeth, N. J. Rustproofing material.
233,494; Oct. 4; Serial No. 247,401; published July
26, 1927. Class 16.
Vanderbilt, R. T., Company, Inc., New York, N. Y.
Selenium used as a secondary vulcanizing agent in the
manufacture of rubber compounds. 233,641; Oct. 4;
Serial No. 250,656; published July 26, 1927. Class 6.
Varnish Products Co., Brooklyn, N. Y. Paints and var-
nishes. 233,524; Oct. 4; Serial No. 247,581; published
July 26, 1927. Class 16.
Venus Packing Co. (See Brandland, John Ltd.)
Vereinigte Chemische Werke Aktiengesellschaft, Charlot-
tenburg, near Berlin, Germany, assignor to The Chemical
Foundation, Incorporated, Wilmington, Del., and New
York, N. Y. Soap manufactured from wool grease.
65,761; renewed Oct. 22, 1927.
Vester, Alfred, Sons, Inc., Providence, R. I. Cigarette,
cigar, and tobacco cases. 233,653; Oct. 4; Serial No.
250,948; published July 26, 1927. Class 8.
Walte, Ralph B., doing business as The Antidolor Mfg.
Co., Springfield, N. Y. Dentifrices. 233,658; Oct. 4;
Serial No. 250,109; published July 26, 1927. Class 6.
Ward, A. W., doing business as Westward Dental Agencies,
San Francisco, Calif. Dressing for protecting wounds
in the mouth. 233,615; Oct. 4; Serial No. 250,586;
published July 26, 1927. Class 6.
Washington Times Company, The, Washington, D. C.
Newspaper. 66,539; renewed Dec. 10, 1927.
Waukesha Silurian Water Company, Waukesha, Wis.
Ginger ale, root beer, etc. 233,502; Oct. 4; Serial No.
246,792; published July 12, 1927. Class 45.
Weir, Ross W., & Company, assignor to Ross W. Weir &
Co., Inc., New York, N. Y. Coffee and tea. 67,574;
renewed Feb. 11, 1928.
Welwood, John C., Corp., New York, N. Y. Piece goods of
silk, cotton, and mixtures thereof, flat crepes, etc.
233,701; Oct. 4. Class 42.
Western Shade Cloth Company, The, Chicago, Ill. Win-
dow-shade cloth. 64,602; renewed Aug. 13, 1927.
Westward Dental Agencies. (See Ward, A. W.)
Wheeler Company, Incorporated, The. (See Moorman,
C. P., & Company, Inc.)
Wheeler, Reynolds & Stauffer, San Francisco, Calif. Sul-
phur and carbon bisulphide. 233,702; Oct. 4. Class 6.
Whewell, Joseph, Burnley, England. Maltless extract.
233,625; Oct. 4; Serial No. 247,402; published July 12,
1927. Class 45.
Whitman, Clarence, & Sons, Inc., New York, N. Y. Voile
in the piece made of rayon. 233,677; Oct. 4; Serial No.
249,764; published July 26, 1927. Class 42.
Wickersham Quoin Company, to Samuel Stephens & Wic-
kersham Quoin Company, Inc., Boston, Mass., successor.
Printers' quoins. 65,952-3; renewed Oct. 29, 1927.

Wilfred Laboratories, Inc., New York, N. Y. Toilet preparations. 233,556; Oct. 4; Serial No. 232,107; published July 26, 1927. Class 6.
 Wilkinson, Thaddeus H., doing business as Wilkinson Pharmacy, Winter Haven, Fla. Preparation for extermination of mosquitoes, flies, etc. 233,642; Oct. 4; Serial No. 250,658; published July 26, 1927. Class 6.
 Winter, M. A. Co., The, Washington, D. C. Laxative tablets. 67,787; renewed Feb. 18, 1928.
 Wolfe, Udolpho, Company, New York, N. Y., assignor to Naamlooze Vennootschap Handelsvereniging Udolpho Wolfe Company, Rotterdam, Holland. Aromatic Schiedam schnapps. 67,624; renewed Feb. 11, 1928.

Wolff, Chas., Packing Co., Topeka, Kans. Lard. 67,267; renewed Jan. 28, 1928.
 Woll, F. P., & Co., Philadelphia, Pa. Hair for stuffing mattresses, furniture, and upholstery. 233,674; Oct. 4; Serial No. 249,879; published July 26, 1927. Class 32.
 Wolverton, Marie K., doing business as Riddo-Girma Chemical Company, Detroit, Mich. Tooth paste, liquid disinfectant, salve preparation, etc. 233,590; Oct. 4; Serial No. 238,883; published July 26, 1927. Class 6.
 Wright, Alfred, Perfumer, Inc., New York, N. Y. Talcum and face powders, bath salts, tooth powders, toilet water, etc. 233,589; Oct. 4; Serial No. 239,606; published July 26, 1927. Class 6.

ALPHABETICAL LIST OF REGISTRANTS OF LABELS.

Bassett, Rudolph A., Los Angeles, Calif. Clenzall. For a Cleansing-Fluid Compound. 32,779; Oct. 4.
 Beech-Nut Packing Company, Canajoharie, N. Y. Beech-Nut Biscuit Dainties, Beech-Nut Molasses Chips. For Bakery Goods—Namely, Molasses Chips. 32,780; Oct. 4.
 Beech-Nut Packing Company, Canajoharie, N. Y. Beech-Nut Lime Drops. For Candies—Namely, Lime Drops. 32,781; Oct. 4.
 Beech-Nut Packing Company, Canajoharie, N. Y. Beech-Nut Lemon Drops. For Candies—Namely, Lemon Drops. 32,782; Oct. 4.
 Beech-Nut Packing Company, Canajoharie, N. Y. Beech-Nut Black Cough Drops. For Cough Drops. 32,783; Oct. 4.
 Beech-Nut Packing Company, Canajoharie, N. Y. Beech-Nut Butter Scotch. For Candies—Namely, Butter Scotch. 32,784; Oct. 4.
 Beech-Nut Packing Company, Canajoharie, N. Y. Beech-Nut Anise Drops. For Candies—Namely, Anise Drops. 32,785; Oct. 4.
 Beech-Nut Packing Company, Canajoharie, N. Y. Beech-Nut Orange Drops. For Candies—Namely, Orange Drops. 32,786; Oct. 4.
 Beech-Nut Packing Company, Canajoharie, N. Y. Beech-Nut Peppermint Drops. For Candies—Namely, Peppermint Drops. 32,787; Oct. 4.
 Beech-Nut Packing Company, Canajoharie, N. Y. Beech-Nut Wintergreen Drops. For Candies—Namely, Wintergreen Drops. 32,788; Oct. 4.
 Beech-Nut Packing Company, Canajoharie, N. Y. Beech-Nut Cinnamon Drops. For Candies—Namely, Cinnamon Drops. 32,789; Oct. 4.
 Beech-Nut Packing Company, Canajoharie, N. Y. Beech-Nut Clove Drops. For Candies—Namely, Clove Drops. 32,790; Oct. 4.
 Blass, F. M. Eugene, New York, N. Y. Magozone. For Oxygen Compound. 32,791; Oct. 4.
 Bode, Hans A., doing business as Royal Hawaiian Laboratories, Honolulu, Hawaii. Palekana. For Medicinal Preparation. 32,792; Oct. 4.
 Bode, Hans A., doing business as Royal Hawaiian Laboratories, Honolulu, Hawaii. Hoola. For Medicinal Preparation. 32,793; Oct. 4.
 Borini, Henry L., Brooklyn, N. Y. Atlantic Bird Palace. Pet Supplies and Health Food Products. For Food Products and Supplies for Household Pets. 32,794; Oct. 4.
 Brooks, W. H., San Francisco, Calif. Brodex Whole O'The Wheat Bread. For Bread. 32,795; Oct. 4.
 Brown-Lipe Gear Company, Syracuse, N. Y. Transmissions, Clutches & Controls. For Transmissions, Clutches, and Controls. 32,796; Oct. 4.
 Camden Hardware Co., Camden, N. J. Gold Seal. For Barley-Malt Sirup. 32,797; Oct. 4.
 Cubbison, Harry G., doing business as Cubbison Cracker Company, Los Angeles, Calif. Melba Rusk. For Whole-Wheat Melba Rusk. 32,798; Oct. 4.
 Earl Fruit Company, Wenatchee, Wash. Red Flag. For Fresh Apples. 32,799; Oct. 4.

Earl Fruit Company, Wenatchee, Wash. Blue & Red Flag. For Fresh Apples. 32,800; Oct. 4.
 Earl Fruit Company, Wenatchee, Wash. Blue Flag. For Fresh Apples. 32,801; Oct. 4.
 Gold Banner Association, Redlands, Calif. Half Moon. For Fresh Oranges. 32,802; Oct. 4.
 Halsted, Hobart, doing business as H. Halsted and E. Kaufman, Buffalo, N. Y. Marshmallow-Freezer. For a Frozen Confection. 32,803; Oct. 4.
 Holland, George V., Chicago, Ill. Youth and Beauty Hair Tonic. For a Tonic for the Hair and Scalp. 32,804; Oct. 4.
 Hurwitz, Leon, doing business as Lax-O-Mint Company, Joplin, Mo. Lax-O-Mint. For Laxative Chewing Gum. 32,805; Oct. 4.
 Jan-U-Wine Chop Suey Company, Los Angeles, Calif. Jan-U-Wine. For Chop Suey. 32,806; Oct. 4.
 Jones, Homer L., Company, Kingston, Pa. Jones's No-Chap. For a Preparation for Sunburn, Windburn, Chapped Hands and Face, and After-Shaving Delight. 32,807; Oct. 4.
 King Card Company, Philadelphia, Pa. The Box Beautiful. For Engraved Greeting Cards for Everyday Use. 32,808; Oct. 4.
 Lax-O-Mint Company. (See Hurwitz, Leon.)
 Mann, George E., El Centro, Calif. Puritan. For Fresh Lettuce. 32,809; Oct. 4.
 Mineral-Lac Paint Co., Inc., Philadelphia, Pa. Save-A-Cote. For Enamels. 32,810; Oct. 4.
 Mutual Creamery Company, Los Angeles, Calif. Maid O'Clover. For Ice Cream. 32,811; Oct. 4.
 Philadelphia Malt Extract Company, Philadelphia, Pa. Gilt-Edge. For Malt Sirup. 32,812; Oct. 4.
 Pitt, C. M., & Sons Company, The, Baltimore, Md. Pickaninny Twins. For Cake Mixture. 32,813; Oct. 4.
 Red Fox Orchards, Orange, Calif. Mohican. For Fresh Oranges. 32,814; Oct. 4.
 Robbins, David, Brooklyn, N. Y. Blue Ribbon. For Chewing Gum. 32,815; Oct. 4.
 Royal Hawaiian Laboratories. (See Bode, Hans A.)
 Sales Service Products Co., Miami, Fla. Sunlight Washing Compound. For Washing Compound. 32,816; Oct. 4.
 Texas Bread Company, Houston, Tex. Dixie Maid Milk Bread. For Bread. 32,817; Oct. 4.
 Van Paper Supply Co., St. Paul, Minn. Sanitary Natural Crepe. For Toilet Paper. 32,818; Oct. 4.
 Van Paper Supply Co., St. Paul, Minn. Van-Guard. For Toilet Paper. 32,819; Oct. 4.
 Van Paper Supply Co., St. Paul, Minn. Van-Itty. For Toilet Paper. 32,820; Oct. 4.
 Von Almen, C., Preserving Co., The, Louisville, Ky. Farm Brand. For Catchup. 32,821; Oct. 4.
 Williamson Candy Company, Chicago, Ill. Oh Henry! For Candy. 32,822; Oct. 4.
 Yaffe, Hyman, doing business as The Yaffe Tire Shoe Company, Los Angeles, Calif. Bull Dog. For Automobile Tire Patches. 32,823; Oct. 4.

ALPHABETICAL LIST OF REGISTRANTS OF PRINTS.

Arden Chemical Co., Inc., doing business as Elizabeth Arden, New York, N. Y. Cosmetics can Neither Cure Nor Conceal Your Skin Blemishes. For Venetian Toilet Preparations. 10,204; Oct. 4.
 Blass, F. M. Eugene, New York, N. Y. Constipation, Faulty Digestion, Metabolism. For Oxygen-Therapy. 10,205; Oct. 4.
 Bommer, Emil, doing business as Bommer Spring Hinge Company, Brooklyn, N. Y. Millions and Millions of People are Pushing Bommer Spring Hinges When Opening Doors. For Spring Hinges. 10,206; Oct. 4.
 Carter, Otis A., doing business as Carter's Chickery, Eldorado, Ill. Carter's Champion Chicks. For Baby Chicks. 10,207; Oct. 4.
 Coty, Inc., Wilmington, Del., and New York, N. Y. Perfume Moods of Ada May. For Perfume. 10,208; Oct. 4.

Cream of Wheat Co., Minneapolis, Minn. Teething Troubles Usually Due to Unwise Feeding. For Wheat Breakfast Food. 10,209; Oct. 4.
 Cream of Wheat Co., Minneapolis, Minn. Teachers Say—This Plan Works Wonders! For Wheat Breakfast Food. 10,210; Oct. 4.
 General Outdoor Advertising Co., Inc., New York, N. Y. By Ginger! It's Good. For Ginger Ale. 10,211; Oct. 4.
 Harman, William S., Columbus, Ohio. Quick Fire Harlan. For Coal. 10,212; Oct. 4.
 Hills Bros., San Francisco, Calif. There is no Satisfactory Short-Cut in Roasting Coffee. For Coffee. 10,213; Oct. 4.
 Hills Bros., San Francisco, Calif. Free Accept This Gift From Hills Bros—Just Send The Coupon. For Coffee. 10,214; Oct. 4.

Hills Bros., San Francisco, Calif. A Westener is Never Away From Home When He Can Buy Hills Bros Coffee. For Coffee. 10,215; Oct. 4.
 Hills Bros., San Francisco, Calif. The Invigorating Drink of The West—Hills Bros Coffee. For Coffee. 10,216; Oct. 4.
 Hills Bros., San Francisco, Calif. Back You Will Come For More Hills Bros Coffee. For Coffee. 10,217; Oct. 4.
 Hills Bros., San Francisco, Calif. Controlled Roasting Gives Hills Bros Coffee a Flavor You Can't Forget or Match. For Coffee. 10,218; Oct. 4.
 Hills Bros., San Francisco, Calif. Cooking Food and Roasting Coffee are Closely Related. For Coffee. 10,219; Oct. 4.
 Hills Bros., San Francisco, Calif. Now a New and Better Can For Hills Bros Coffee. For Coffee. 10,220; Oct. 4.
 Hills Bros., San Francisco, Calif. Shouldn't Coffee be More Than "Something Hot To Drink"? For Coffee. 10,221; Oct. 4.
 Hills Bros., San Francisco, Calif. Controlled Roasting Makes Hills Bros Coffee Yield an Extra Measure of Flavor. For Coffee. 10,222; Oct. 4.
 Hills Bros., San Francisco, Calif. Explore Where You Will—You'll Find no Coffee to Compare With Hills Bros. For Coffee. 10,223; Oct. 4.
 Hills Bros., San Francisco, Calif. Aroma, Flavor, Strength and Freshness—All Present in Hills Bros. Coffee. For Coffee. 10,224; Oct. 4.
 Hills Bros., San Francisco, Calif. In All The World There's No Other Coffee With The Flavor of Hills Bros. For Coffee. 10,225; Oct. 4.
 Hills Bros., San Francisco, Calif. Controlled Roasting is Hills Bros' Process, But The Fine Flavor It Creates is Yours. For Coffee. 10,226; Oct. 4.
 Hills Bros., San Francisco, Calif. That Flavor of Hills Bros Coffee is Unlike Any That Ever Passed Your Lips. For Coffee. 10,227; Oct. 4.
 Hills Bros., San Francisco, Calif. Hills Bros' Discovery of Controlled Roasting Made Coffee Drinking A New Joy. For Coffee. 10,228; Oct. 4.
 Hills Bros., San Francisco, Calif. Satisfy Your Longing for Perfect Coffee With a Cup Of Hills Bros. For Coffee. 10,229; Oct. 4.
 Hills Bros., San Francisco, Calif. Each Sip Repeats the Goodness of Hills Bros Coffee. For Coffee. 10,230; Oct. 4.

Hills Bros., San Francisco, Calif. Your Taste Never Met Coffee so Exquisite In Flavor as Hills Bros. For Coffee. 10,231; Oct. 4.
 Hills Bros., San Francisco, Calif. Western Hospitality Always Offers Its Best . . . Hills Bros Coffee. For Coffee. 10,232; Oct. 4.
 Hills Bros., San Francisco, Calif. The Aroma of Hills Bros Coffee Says, "Wait Till You Taste The Flavor." For Coffee. 10,233; Oct. 4.
 Hills Bros., San Francisco, Calif. Look For The Arab . . . It Identifies The Genuine Hills Bros Coffee. For Coffee. 10,234; Oct. 4.
 Hills Bros., San Francisco, Calif. Controlled Roasting is Hills Bros' Guarantee of Excellence. For Coffee. 10,235; Oct. 4.
 Hills Bros., San Francisco, Calif. It's Not Only Rivers and Mountains that Bound The West, But Hills Bros Coffee! For Coffee. 10,236; Oct. 4.
 Hills Bros., San Francisco, Calif. Free a Booklet You Will Want to Keep and Refer to When Guests Come. For Coffee. 10,237; Oct. 4.
 Hills Bros., San Francisco, Calif. As You Drink—Your Taste Revels in The Flavor of Hills Bros Coffee. For Coffee. 10,238; Oct. 4.
 Hills Bros., San Francisco, Calif. Genuine . . . A Western Greeting and a Cup of Hills Bros Coffee. For Coffee. 10,239; Oct. 4.
 Hills Bros., San Francisco, Calif. There are so Many Coffees—It Pays to Ask For Hills Bros. For Coffee. 10,240; Oct. 4.
 Hills Bros., San Francisco, Calif. Millions of Tastes Have Approved The Matchless Flavor of Hills Bros Coffee. For Coffee. 10,241; Oct. 4.
 International Hdkf. Mfg. Co., New York, N. Y. Hold It! For Handkerchiefs. 10,242; Oct. 4.
 Kennedy, Frank M., Paint & Color Company, Newark, N. J. Paints of the Better Kind. For Paints. 10,243; Oct. 4.
 Sylvester, Thomas J., doing business as Thomas Sylvester, Philadelphia, Pa. A Souvenir Which Has Done Credit to Our Nation. For Souvenir Coin or Pocket Piece. 10,244; Oct. 4.
 Turnquist Corporation, Los Angeles, Calif. Equal Portion—Equal Service. For Pie and Cake and Similar Food Dividing Machines. 10,245; Oct. 4.

ALPHABETICAL LIST OF TRADE-MARK APPLICANTS.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

A. & J. Manufacturing Co., The, Binghamton, N. Y. Kitchen brushes. 246,259; Oct. 4. Class 29.
 Abraham & Straus, Inc., New York, N. Y. Women's and children's wearing apparel. 221,154; Oct. 4. Class 39.
 Abraham & Straus, Inc., New York, N. Y. Booklets. 226,326; Oct. 4. Class 38.
 Acme Brick Company, Fort Worth, Tex. Brick. 250,285; Oct. 4. Class 12.
 Acme Brick Company, Fort Worth, Tex. Brick. 251,644; Oct. 4. Class 12.
 Acme Brick Company, Fort Worth, Tex. Brick. 251,646; Oct. 4. Class 12.
 Acme White Lead & Color Works, Hamtramck, Mich. Insecticides. 252,238-9; Oct. 4. Class 6.
 Aero Toy & Mfg. Co., Inc., New York, N. Y. Spinning tops. 252,875; Oct. 4. Class 22.
 Alexander, S. S., Inc., New York, N. Y. Trade certificates. 237,142; Oct. 4. Class 38.
 Alpha Omega Fraternity, Baltimore, Md. Fraternity pins, lapel buttons, tie clasps, etc. 252,025; Oct. 4. Class 28.
 Alpha Phi Delta Fraternity, Inc., Brooklyn, N. Y. Fraternity pins, badges, lapel buttons, cuff links, tie clasps, etc. 250,153; Oct. 4. Class 28.
 Ambulatory Pneumatic Splint Mfg. Co., Chicago, Ill. Abdominal supporters, corset binders, etc. 246,056; Oct. 4. Class 44.
 American Standard Watch Case Company, Inc., Providence, R. I., and New York, N. Y. Watches. 252,997; Oct. 4. Class 27.
 American Standard Watch Case Company, Inc., Providence, R. I., and New York, N. Y. Watches. 252,999; Oct. 4. Class 27.
 American Steel Products Co., Macomb, Ill. Poultry supplies. 253,177; Oct. 4. Class 50.
 Apco Asphalt Roofing Company, New York, N. Y. Waterproofing, hardener, and accelerator for cement mixtures. 252,807; Oct. 4. Class 12.
 Associated Merchandising Corporation, New York, N. Y. Bed sheets and pillowcases. 253,525-6; Oct. 4. Class 42.
 Associated Oil Company, San Francisco, Calif. Gasoline and motor oil. 251,810; Oct. 4. Class 15.
 Associated Oil Company, San Francisco, Calif. Kerosene. 251,811; Oct. 4. Class 15.
 Associated Oil Company, San Francisco, Calif. Kerosene and gasoline. 251,812; Oct. 4. Class 15.

Associated Oil Company, San Francisco, Calif. Kerosene and gasoline. 251,813; Oct. 4. Class 15.
 Atlantic Radio and Marine Co., Inc., Boston, Mass. Antenna outfits, lighting arresters, etc. 246,326; Oct. 4. Class 21.
 Automatic Switch Company, New York, N. Y. Magnet or solenoid operated valves. 251,294; Oct. 4. Class 21.
 Bachmeier & Company, Inc., New York, N. Y. Preparation to be used as an aid to penetration when dyeing any textile materials or fabrics and for use as an assistant in dye baths. 252,363; Oct. 4. Class 6.
 Blair, William M., Des Moines, Iowa. Healing and antiseptic medicinal preparation. 252,496; Oct. 4. Class 6.
 Baumelster, Henry J., doing business as Kewaunee Bottling Works, Kewaunee, Wis. Beverages. 253,309; Oct. 4. Class 45.
 Beacon Manufacturing Company, New Bedford, Mass. Blankets. 252,141; Oct. 4. Class 42.
 Belle City Incubator Company, Racine, Wis. Incubators and brooders. 252,815; Oct. 4. Class 50.
 Benaderet, S., Inc., San Francisco, Calif. Cigarettes. 253,564; Oct. 4. Class 17.
 Beuchel Bros. Co., Los Angeles, Calif. Carbonated beverages. 253,565; Oct. 4. Class 45.
 Bickley, I. W., doing business as A. F. Bickley & Son, Philadelphia, Pa. Oleomargarine. 249,041; Oct. 4. Class 46.
 Blakeley, Charles A., Columbus, Ga. Preparation to be taken internally. 253,865; Oct. 4. Class 6.
 Blechman, Irving, doing business as Odora Company, New York, N. Y. Deodorants. 253,567; Oct. 4. Class 6.
 Blosser Co., The, Atlanta, Ga. Medicinal smoking preparations. 250,784; Oct. 4. Class 6.
 Borden & Remington Co., Fall River, Mass. Lubricating oils. 252,585; Oct. 4. Class 15.
 Borland, Robert A., doing business as Purity Grape Juice Co., Los Angeles, Calif. Maltless grape punch. 252,187; Oct. 4. Class 45.
 British Dyestuffs Corporation Ltd., Manchester, England. Synthetic dyestuffs. 253,355; Oct. 4. Class 6.
 Brothers Corporation, New York, N. Y. Medicine for use as an analgesic and sedative. 249,462; Oct. 4. Class 6.
 Brothers Corporation, New York, N. Y. Prepared medicine. 252,145; Oct. 4. Class 6.
 Brownley's, Inc., Washington, D. C. Candles. 235,998; Oct. 4. Class 46.

Burgess Battery Company, Madison, Wis. Electric batteries. 251,387; Oct. 4. Class 21.
 Cadolle Frères (Société à Responsabilité Limitée), Paris, France. Perfumes, toilet water, rouge, etc. 252,680; Oct. 4. Class 6.
 Chemical Treatment Company, Inc., assignor to Chromium Corporation of America, New York, N. Y. Files, saws, hammers, etc. 219,806; Oct. 4. Class 23.
 Chemisch-Pharmazeutische A. G. Bad Homburg, Bad Homburg, Germany. Medicine. 241,852; Oct. 4. Class 6.
 Cheney, C. R. Company, Los Angeles, Calif. Salad dressing. 253,868; Oct. 4. Class 46.
 Chromium Corporation of America. (See Chemical Treatment Company, Inc., assignor.)
 College Heights Orange and Lemon Ass'n., Claremont, Calif. Fresh citrus fruits. 252,688; Oct. 4. Class 46.
 Crescent Pharmaceutical Co. (See Trinsley, John S.)
 Crest Company, The, Chicago, Ill. Electrical lamps, torches, etc. 252,037; Oct. 4. Class 21.
 Davidson Brothers, Inc., Glasgow, Bowling Green, and Scottsville, Ky. Canned fruits, vegetables, salmon, sausage, etc. 248,285; Oct. 4. Class 46.
 Dayton-Kil-Oil Company. (See Morrill, Frank H.)
 Delta Zeta, Indianapolis, Ind. Sorority pins. 253,315; Oct. 4. Class 28.
 Dent Medicine Company, The, Newburgh and New York, N. Y.; Chicago, Ill.; and Toronto, Ontario, Canada. Preparations and medicines. 251,892; Oct. 4. Class 6.
 Di Cio, John, Norristown, Pa. Undergarment for women. 247,314; Oct. 4. Class 39.
 Die Eau de Cologne- & Parfümerie-Fabrik "Glockengasse No. 4711" gegenüber der Pferdepot von Ferd. Mühlens. (See Mühlens, Paul P.)
 Diel Watch Case Co., Inc., New York, N. Y. Watches and parts thereof. 251,324; Oct. 4. Class 27.
 Dortch, Benjamin, doing business as Victoria Knitting Mills, Philadelphia, Pa. Sweaters, sweater coats, and knitted jackets. 250,909; Oct. 4. Class 39.
 Doubleday Page & Co., Garden City, N. Y. Books. 250,740; Oct. 4. Class 38.
 Eagle Knitting Mills, Milwaukee, Wis. Knit goods. 205,400; Oct. 4. Class 39.
 Edwards Electric Co. (See Jacob, Edward E.)
 Ehrlich, Isidore, Brooklyn, N. Y. Preparation to assist in keeping the stomach, liver, and bowels in a healthy condition. 240,410; Oct. 4. Class 6.
 Elbogen, George, & Company, Inc., New York, N. Y. Rayon yarns. 253,580; Oct. 4. Class 43.
 Electric Auto-Lite Company, The, Toledo, Ohio. Engine ignition systems and parts thereof. 249,961; Oct. 4. Class 21.
 Electric Sprayit Company, The, Detroit, Mich. Electric sprayers. 252,243; Oct. 4. Class 21.
 Emig, Alvin J., doing business as Emig-Karn Laboratories, Detroit, Mich. Face packs. 256,260; Oct. 4. Class 6.
 Empire Metal Cap Co., Inc., Brooklyn, N. Y. Sheet-metal caps. 252,596; Oct. 4. Class 50.
 Everlastik, Inc., Chelsea, Mass. Elastic-webbing textile piece goods. 253,365; Oct. 4. Class 42.
 Fabrique Vulcan, Dittschheim & Cie., La Chaux de Fonds, Switzerland. Watches, watchcases, watch movements, and parts of the same. 250,841; Oct. 4. Class 27.
 Fairchild Bros. & Foster, New York, N. Y. Preparation of iron obtained from fresh ox blood. 253,699; Oct. 4. Class 6.
 Farmer, Guy E., doing business as Ice Cream Products Co., Long Beach, Calif. Bodies of ice cream. 253,793; Oct. 4. Class 46.
 Federal Cartridge Corporation, Minneapolis, Minn. Shotgun shells. 253,991; Oct. 4. Class 9.
 Feinberg, Jacob, doing business as J. F. Underwear Company, Allentown, Pa. Children's athletic waist union suits and outer garments. 251,898; Oct. 4. Class 39.
 Flocker, Nelson J., doing business as Mercy Products Company, Pittsburgh, Pa. Medicinal preparations for the treatment of mange and distemper in dogs. 251,662; Oct. 4. Class 6.
 Forstmann & Huffman Company, Passaic, N. J. Woolen piece goods. 253,794-5; Oct. 4. Class 42.
 Forstmann & Huffman Company, Passaic, N. J. Woolen piece goods. 253,800; Oct. 4. Class 42.
 Frye, L. A., & Son, Brush Creek, Tenn. Soap and soap powders. 252,150; Oct. 4. Class 4.
 General Coal Company, Cincinnati, Ohio. Coal. 253,184; Oct. 4. Class 1.
 General Dry Batteries, Inc., Cleveland, Ohio. Dry cells. 245,090; Oct. 4. Class 21.
 Gono Manufacturing Company, Minneapolis, Minn. Beverage. 232,178; Oct. 4. Class 45.
 Glowacki, John R., Chicago, Ill. Electric fuses. 252,375; Oct. 4. Class 21.
 Graham-Houle Manufacturing Company, Wilkesburg, Pa. Hydraulic pumps. 253,801; Oct. 4. Class 23.
 Grant, W. T., Company, Lynn, Mass., and New York, N. Y. Babies' textile crib sheets, wash cloths, and towels in kits. 254,033; Oct. 4. Class 42.
 Grinder, Luther, Mfg. Co., Milwaukee, Wis. Exercising machines. 252,339; Oct. 4. Class 22.

Guaranteed Parts Co., Inc., New York, N. Y. Handles for levers. 253,839; Oct. 4. Class 23.
 Gulf Crushing Company, Inc., Morgan City and New Orleans, La. Asphalt paving material. 248,902; Oct. 4. Class 12.
 Hanover Cordage Company, Hanover, Pa. Tube rope, wall-paper twine, etc. 253,752; Oct. 4. Class 7.
 Harris Raincoat Company, New York, N. Y. Water-proofed clothing. 247,857; Oct. 4. Class 39.
 Hecht, F. & Co., Inc., New York, N. Y. Leather. 252,385; Oct. 4. Class 1.
 Heko-Werk Chemische Fabrik A.-G., Berlin-Gruenewald, Germany. Plastic materials. 246,159; Oct. 4. Class 1.
 Helm Chemical Company, Benton Harbor, Mich. Preparation for the relief of piles. 252,839; Oct. 4. Class 6.
 Hilderbrandt, John L., Company, The, Loganport, Ind. Fishing rods, reels, lines, etc. 252,841; Oct. 4. Class 22.
 Hill, Martha J., Incorporated, Chicago, Ill. Women's coats and dresses. 252,470; Oct. 4. Class 39.
 Himmelrich, Alfred R., doing business as Inland Oil Co., Baltimore, Md. Motor fuel oils, lubricating oils, and lubricating greases. 252,410-11; Oct. 4. Class 15.
 Hyper-Humus Company, Newton, N. J. Plant soil. 241,285; Oct. 4. Class 1.
 Ice Cream Products Co. (See Farmer, Guy E.)
 Ide, Geo. P. & Co., Inc., Troy, N. Y. Collars. 232,820; Oct. 4. Class 39.
 Inland Oil Co. (See Himmelrich, Alfred R.)
 Ipswich Mills, Ipswich, Mass. Hosiery. 253,277; Oct. 4. Class 39.
 J. F. Underwear Company. (See Feinberg, Jacob.)
 Jacob, Edward E., doing business as Edwards Electric Co., Toledo, Ohio. Electric vacuum cleaners. 251,758; Oct. 4. Class 21.
 Japanese Wood Novelty Co., Providence, R. I. Greeting cards and wall calendars. 252,329; Oct. 4. Class 38.
 Johnson, Alma R., Seattle, Wash. Combination child's dress. 249,176; Oct. 4. Class 39.
 Johnston, Allen & Co., Ltd., Lurgan, Ireland. Handkerchiefs, tablecloths, napkins, etc. 250,127; Oct. 4. Class 42.
 Jones, Geo. P., Oil Co., St. Louis, Mo. Lubricating oils, engine oils, etc. 253,371; Oct. 4. Class 15.
 Kalenscher & Caldwell, New York, N. Y. Beverage. 236,134; Oct. 4. Class 45.
 Kewanee Bottling Works. (See Baumeister, Henry J.)
 Kingsbury Manufacturing Company, Keene, N. H. Toy automobiles. 252,905; Oct. 4. Class 22.
 Kolbe, Carl F., doing business as Kolbe Fish & Trading Company, Buffalo, N. Y. Sea foods. 227,021; Oct. 4. Class 46.
 Kremer & Brandt Manna-Werk Aktiengesellschaft, Berlin-Neukölln, Germany. Impregnating agents, polishing and preservative preparations. 251,673; Oct. 4. Class 4.
 Kullman, Salz & Co., San Francisco, Calif. Hides and leather. 250,554; Oct. 4. Class 1.
 Kunka, Henry E., doing business as Redline Chemical Company, Chicago, Ill. Rubbing salve. 253,898; Oct. 4. Class 6.
 Lakeside Packing Company, Manitowoc, Wis. Canned vegetables. 230,932; Oct. 4. Class 46.
 La Société Industrielle des Matières Plastiques, Paris, France. Buckles, buttons, collar buttons, cuff buttons, etc. 233,085; Oct. 4. Class 40.
 Laves, Dr. Ernest, Hanover, Germany. Remedy for deficiency of calcium in the human system. 246,167; Oct. 4. Class 6.
 Lambert, Joseph, Independence, Iowa. Cigars. 252,517; Oct. 4. Class 17.
 Lip-Joy Manufacturing Co. (See Wolff, Samuel.)
 Liverpool Borax Co. Ltd., The, Liverpool, England. Chemical substances used in manufactures. 253,332-3; Oct. 4. Class 6.
 Maillard & Schmiedel, San Francisco, Calif. Canned fish. 252,213; Oct. 4. Class 46.
 Manhattan Corset Co., Inc., New York, N. Y. Girdles. 250,466; Oct. 4. Class 39.
 Manhattan Wholesale Grocery Company, Providence, R. I. Canned baked beans with pork, preserved fruits, etc. 253,157; Oct. 4. Class 46.
 Markey, F. H., Company, Inc., St. Joseph, Mo. Medicine. 251,567; Oct. 4. Class 6.
 Markey, F. H., Co., Inc., St. Joseph, Mo. Laxative pills. 253,813; Oct. 4. Class 6.
 Marks-Chandler Company, Amesbury, Mass. Leather and cloth shoes. 251,848; Oct. 4. Class 39.
 Master Builders Company, Cleveland, Ohio. Construction materials. 253,191; Oct. 4. Class 12.
 Mat-Rac Co., Chicago. (See Mattel, Joseph.)
 Matsuoka, Atow, doing business as Atow Matsuoka Co., San Francisco, Calif. Imitation-pearl jewelry. 252,719; Oct. 4. Class 28.
 Mattel, Joseph, doing business as Mat-Rac Co., Chicago, Ill. Drain-board racks and floor drainage racks. 226,669; Oct. 4. Class 50.
 Mazer-Cressman Cigar Co., Inc., Detroit, Mich. Cigars. 251,569; Oct. 4. Class 17.

McCullough, Edwin C., New York, N. Y. Chocolate milk drink. 253,032; Oct. 4. Class 46.
 McEwen, Irving, Omaha, Neb. Hand and face lotion, face cream, etc. 248,583; Oct. 4. Class 6.
 Mercy Products Company. (See Flocker, Nelson J.)
 Metropolitan Columbia Mfg. Co., Inc., New York, N. Y. Electrical fixtures. 251,975; Oct. 4. Class 21.
 Milwaukee Knitting Mills, Milwaukee, Wis. Hosiery. 248,045; Oct. 4. Class 39.
 Mitchell-Rand Mfg. Co., New York, N. Y. Specially-treated flexible and pliable asphalt compound. 248,117; Oct. 4. Class 50.
 Morrill, Frank H., doing business as Dayton-Kil-Oil Company, Dayton, Ohio. Insecticide. 252,308; Oct. 4. Class 6.
 Mühlens, Paul, doing business as Die Eau de Cologne- & Parfümerie-Fabrik "Glockengasse No. 4711" gegenüber der Pferdepot von Ferd. Mühlens, Cologne-on-the-Rhine, Germany. Eau de cologne water, perfumery, shampoo, etc. 242,108; Oct. 4. Class 6.
 Naamlooze Vennootschap Koninklijke Fabrieken v. h. Paul C. Kaiser, The Hague, Netherlands. Chocolate bonbons. 219,250; Oct. 4. Class 46.
 Nebelsiek, Anna. (See Wachtel, Anna.)
 Nichol, C. V., doing business as Nichol's Poultry Farm, Monmouth, Ill. Baby chicks. 253,683; Oct. 4. Class 40.
 Norwich Pharmaceutical Company, The, Norwich, N. Y. Vaginal douch powder. 253,707; Oct. 4. Class 6.
 Oberman, D. M., Mfg. Co., New York, N. Y., and Jefferson City, Mo. Trousers. 236,333; Oct. 4. Class 39.
 Odora Company. (See Blechman, Irving.)
 Ole Salth's Inc., New York, N. Y. Dressed poultry, butter, and eggs. 253,656; Oct. 4. Class 46.
 Oliver Brothers, Philadelphia, Pa. Ladies' hosiery. 245,651; Oct. 4. Class 39.
 Pabst, Edmund F., doing business as Pabst Chemical Co., Chicago, Ill. Genito-urinary antiseptic and diuretic. 244,626; Oct. 4. Class 6.
 Pacific Coast Biscuit Company, Seattle, Wash. Cough drops. 235,416; Oct. 4. Class 6.
 Pacific Wholesale, Inc., Los Angeles, Calif. Radio electric tubes. 252,016; Oct. 4. Class 21.
 Paragon Distributing Corporation, New York, N. Y. Electrical permanent-waving machines. 252,975; Oct. 4. Class 21.
 Parker Brothers, Portland, Me., and Salem, Mass. Game. 253,440; Oct. 4. Class 22.
 Parker Pen Company, The, Janesville, Wis. Pencils. 247,701; Oct. 4. Class 37.
 Paso Food Products Company, Gloucester and Rockport, Mass. Potato chips. 251,571; Oct. 4. Class 46.
 Petri Cigar Company, San Francisco, Calif. Cigars, cigarettes, smoking and leaf tobacco. 244,176; Oct. 4. Class 17.
 Politt & Thakos Co., Chicago, Ill. Beverages and sirups for making the same. 251,853; Oct. 4. Class 45.
 Porter, Fred W., doing business as Tampa Veterinary Laboratory, Tampa, Fla. Insecticide, disinfectant, tick eradicator, etc. 253,588; Oct. 4. Class 6.
 Purlington, W. A., Dover-Foxcroft, Me. Medicinal preparations for whooping cough, etc. 250,817; Oct. 4. Class 6.
 Purity Grape Juice Co. (See Borland, Robert A.)
 Pyrene Manufacturing Company, Newark, N. J. Chemicals for use in fire extinguishers. 253,660; Oct. 4. Class 6.
 Queens Thread Co. (See Ross, Nathan.)
 Radford Company, The, Oshkosh, Wis. Wooden doors. 248,515; Oct. 4. Class 12.
 Rahayel, Chas. A., doing business as Rahayel Freres, Brooklyn, N. Y. Perfume, toilet water, cosmetics. 250,138; Oct. 4. Class 6.
 Raquel, Incorporated, New York, N. Y. Perfumes, toilet water, bath salts, etc. 242,798; Oct. 4. Class 6.
 Reckitt & Sons, Limited, Hull, England. Laundry blue. 251,629; Oct. 4. Class 6.
 Redline Chemical Company. (See Kunka, Henry E.)
 Reed & Carnrick, Jersey City, N. J. Preparation for the diseases of the kidneys. 251,243; Oct. 4. Class 6.
 Remington Arms Company, Inc., Bridgeport, Conn., and Illon and New York, N. Y. Ammunition. 237,285; Oct. 4. Class 9.
 Roc Arc Water Company, Little Rock, Ark. Distilled water and beverages. 253,549; Oct. 4. Class 45.
 Rollins Hosiery Mills, Des Moines, Iowa. Hosiery. 246,178; Oct. 4. Class 39.
 Rose-Le-Le, Inc., New York, N. Y. Perfumes and cosmetics. 250,802; Oct. 4. Class 6.
 Rosenwald & Well, Chicago, Ill. Men's and boys' overcoats. 248,596; Oct. 4. Class 39.
 Ross, Nathan, doing business as Queens Thread Co., Los Angeles, Calif. Spooled thread and yarn. 243,972; Oct. 4. Class 43.
 Roston, Jacques, London, England. Phonographs, talking machines, etc. 232,847; Oct. 4. Class 36.
 Royal Tailors, The, Chicago, Ill. Coats, suits, vests, etc. 235,328; Oct. 4. Class 39.
 Ruchman, S. & A., Inc., New York, N. Y. Dresses. 253,115; Oct. 4. Class 39.
 Savex Laboratories. (See Visanska, Samuel A.)

Schludenberg, Wm.-T. J. Kurdie Co., The, Baltimore, Md. Cured pork. 251,633; Oct. 4. Class 46.
 Schmitt, Sara A., doing business as Shenango Valley Awning Company, Sharpville, Pa. Awnings, tents, etc. 253,049; Oct. 4. Class 50.
 Schranck, H. C., Company, Milwaukee, Wis. Beverages and sirups for making the same. 248,812; Oct. 4. Class 45.
 Scott, Rufus W., Company, New York, N. Y. Hosiery. 253,393-4; Oct. 4. Class 39.
 Segalas, Charles, doing business as Chas. Segalas Company, San Francisco, Calif. Beverages. 253,772; Oct. 4. Class 45.
 Shenango Valley Awning Company. (See Schmitt, Sara A.)
 Simon, Alfred L., & Company, New York, N. Y. Electric sockets, plugs, connectors, etc. 250,197; Oct. 4. Class 21.
 Simon, Alfred L., & Company, New York, N. Y. Electric tennis rackets, etc. 250,198; Oct. 4. Class 22.
 Simon, Alfred L., & Company, New York, N. Y. Clocks, frames, and casings for clocks. 250,199; Oct. 4. Class 27.
 Simon, Alfred L., & Company, New York, N. Y. Letter openers, blotter holders, calendar holders, etc. 250,207; Oct. 4. Class 37.
 Sirco Oil Co., Bridgeport, Conn. Lubricating oils. 252,980; Oct. 4. Class 15.
 Smith, J. Hungerford, Co., Rochester, N. Y. Ice-cream body builder. 253,843; Oct. 4. Class 46.
 Société des Laboratoires Cortial (Soc. à Responsabilité Limitée), Paris, France. Medicine. 253,166; Oct. 4. Class 6.
 Spanish American Fruit Company, Inc., Vega Baja, P. R. Canned grapefruit. 242,508; Oct. 4. Class 46.
 Standard Biscuit Co., San Francisco, Calif. Crackers. 236,661; Oct. 4. Class 46.
 Sterling Products (Incorporated), Wheeling, W. Va. Headache powders, cough sirup etc. 253,484; Oct. 4. Class 6.
 Stevens, Chas. A., & Bros., Chicago, Ill. Clocks. 251,584; Oct. 4. Class 27.
 Stover, John K., doing business as Stover Laboratories, Trenton, N. J. Nerve sedative elixir. 251,364; Oct. 4. Class 6.
 Strobel Bros., Salinas, Calif. Fresh vegetables and melons. 248,261; Oct. 4. Class 46.
 Studna, Carl, Kansas City, Mo. Gasoline. 249,491; Oct. 4. Class 15.
 Sullivan, Frances, Nashville, Tenn. Table board games. 251,585; Oct. 4. Class 22.
 Superior Products Company, Dallas, Tex. Insecticide and wood preservative. 253,610; Oct. 4. Class 6.
 Tampa Veterinary Laboratory. (See Porter, Fred W.)
 Thermophor Mfg. Co., Inc., New York, N. Y. Heat-retaining devices. 251,020; Oct. 4. Class 44.
 Tom Tom Cap, Inc., New York, N. Y. Caps. 252,376; Oct. 4. Class 39.
 Trimont Bottling Co., Inc., Boston, Mass. Ginger ale. 253,671; Oct. 4. Class 45.
 Trinsley, John S., doing business as The Crescent Pharmaceutical Co., Glenside, Pa. Medical lotion. 223,002; Oct. 4. Class 6.
 Trotter, F. M., doing business as Trotter's Laboratory, Brinkley, Ark. Fit remedy for dogs. 251,591; Oct. 4. Class 6.
 Vanity Fair Silk Mills, Reading, Pa. Piece goods consisting of silk and Bemberg fiber. 254,066; Oct. 4. Class 42.
 Varsity Underwear Company, Inc., Baltimore, Md. Pyjamas, nightshirts, union suits, etc. 242,515; Oct. 4. Class 39.
 Verlac Remedy Company. (See Younce, William E.)
 Victoria Knitting Mills. (See Dortch, Benjamin.)
 Victorius, A. V., & Co., Inc., New York, N. Y. Hosiery. 253,123; Oct. 4. Class 39.
 Virginia-Carolina Chemical Corporation, Richmond, Va. Fertilizers. 253,055; Oct. 4. Class 10.
 Virginia-Carolina Chemical Corporation, Richmond, Va. Fertilizers. 253,252; Oct. 4. Class 10.
 Visanska, Samuel A., doing business as Saver Laboratories, Atlanta, Ga. Salve. 253,557; Oct. 4. Class 6.
 Vulcan Match Co., Inc., New York, N. Y. Safety matches. 246,253; Oct. 4. Class 9.
 Wachtel, Anna, Geb. Syberz, doing business as Anna Nebelsiek, Brunswick, Germany. Massaging cream, perfume, bath salts, etc. 232,301-2; Oct. 4. Class 6.
 Waco Tool Works, Chicago, Ill. Electric motors and portable electric drill, etc. 241,593; Oct. 4. Class 21.
 Washburn Company, The, Worcester, Mass. Sink and bottle brushes. 252,449; Oct. 4. Class 29.
 Weaver-Wall Company, The, Cleveland, Ohio. Composition roofing. 252,921; Oct. 4. Class 12.
 Whitehead Bros., Riverside, Calif. Eggs. 253,614; Oct. 4. Class 48.
 Wilco Company, The, Philadelphia, Pa. Hair tonic. 252,669; Oct. 4. Class 6.
 Williams Foundry and Machine Company, The, Akron, Ohio. Rubber-working machinery. 253,782; Oct. 4. Class 23.

ALPHABETICAL LIST OF TRADE-MARK APPLICANTS.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Wolff, Samuel, doing business as Lip-Joy Manufacturing Co., Denver, Colo. Preparation for sore, chapped, rough, or cracked lips. 252,299; Oct. 4. Class 6.
Wollstein, Richmond, Rome, Ga. Hosiery. 253,254; Oct. 4. Class 39.

Wyeth Chemical Company, Jersey City, N. J. St. Jacobs oil. 251,883; Oct. 4. Class 6.
Younce, William E., doing business as Verlac Remedy Company, Winchester, Ind. Hog-cholera medicine. 253,344; Oct. 4. Class 6.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED.

CLASS 1.

Coal, Bituminous. Boone County Coal Corporation. 233,700; Oct. 4.

CLASS 4.

Compounds for cleaning the hands and the like, shaving cream, outfit packages, etc. Lightfoot Schultz Company. 233,697; Oct. 4.
Soap manufactured from wool grease. Vereinigte chemische Werke Aktiengesellschaft. 65,761; renewed Oct. 22, 1927.

CLASS 5.

Size for cotton and other threads and yarns. Erste Wiener Export-Malzfabrik Hauser & Sobotka. 60,596; renewed Feb. 12, 1927.

CLASS 6.

Antiseptic. A. T. Reed. 233,647; Oct. 4; Serial No. 250,820; published July 26, 1927.
Antiseptic and disinfectant substance. Chemische Fabrik auf Actien (vorm. E. Schering). 65,624; renewed Oct. 15, 1927.
Antiseptics, deodorants, and disinfectants. Chemische Fabrik auf Actien (vorm. E. Schering). 65,626; renewed Oct. 15, 1927.
Aspirin. Tablets of. Blackstone Manufacturing Company. 233,679; Oct. 4; Serial No. 249,699; published July 26, 1927.
Astringents, astringent cerates, bleach creams, etc. A. A. Gontal. 233,678; Oct. 4; Serial No. 249,720; published July 26, 1927.
Cake. Lax-A-Cake Company. 233,665; Oct. 4; Serial No. 250,311; published July 26, 1927.
Chemical emulsifying agents. I. G. Farbenindustrie Aktiengesellschaft. 233,693; Oct. 4; Serial No. 243,484; published July 26, 1927.
Chemical preparation. Bird-Archer Company. 233,548; Oct. 4; Serial No. 249,110; published July 26, 1927.
Color-setting compound used in dyeing. A. Elhardt Söhne. 65,473; renewed Oct. 8, 1927.
Cream, and remedy for dyspepsia, cold. F. N. Pond. 66,752; renewed Dec. 24, 1927.
Creams, liquids, pastes, powders, etc. May Department Stores Company. 233,550; Oct. 4; Serial No. 249,079; published July 26, 1927.
Dentifrice. Foamadent Co. 233,663; Oct. 4; Serial No. 250,234; published July 26, 1927.
Dentifrices. R. B. Waite. 233,658; Oct. 4; Serial No. 250,109; published July 26, 1927.
Dressing for protecting wounds in the mouth. A. W. Ward. 233,615; Oct. 4; Serial No. 250,586; published July 26, 1927.
Foot balm. Eastern Health Laboratory. 233,710; Oct. 4.
Laxative. A. E. Ely. 233,651; Oct. 4; Serial No. 250,914; published July 26, 1927.
Laxative tablets. Lanman & Kemp, Inc. 233,638; Oct. 4; Serial No. 250,625; published July 26, 1927.
Laxative tablets. M. A. Winter Co. 67,787; renewed Feb. 18, 1928.
Lotion. Skin. Daggett & Ramsdell. 233,672; Oct. 4; Serial No. 249,893; published July 26, 1927.
Medicated chewing gum. Pyne-Pix Gum Co. 233,705; Oct. 4.
Medicine. C. Borchert. 65,549; renewed Oct. 8, 1927.
Medicine. J. Houston. 67,139; renewed Jan. 21, 1928.
Medicine. Stom-Ulce Laboratories. 233,686; Oct. 4; Serial No. 244,893; published July 26, 1927.
Medicine for fever. Farbwerke vorm. Meister Lucius & Brüning. 65,721; renewed Oct. 22, 1927.
Oil. Specially-treated. H. & B. Textile Chemical Corporation. 233,546; Oct. 4; Serial No. 249,171; published July 26, 1927.
Ointment. D. A. Ortega. 233,639; Oct. 4; Serial No. 250,631; published July 26, 1927.
Perfumes and toilet waters. Henri Bendel Inc. 233,621; Oct. 4; Serial No. 250,395; published July 26, 1927.
Perfumes, toilet water, toilet powders, etc. Raquel Incorporated. 233,540; Oct. 4; Serial No. 249,294; published July 26, 1927.
Phenolic condensation compounds. Colt's Patent Fire Arms Manufacturing Co. 233,643; Oct. 4; Serial No. 250,676; published July 26, 1927.
Pills. Edmanston, Bates & Co. Ltd. 233,530; Oct. 4; Serial No. 248,480; published July 26, 1927.
Powders, bath salts, tooth powders, toilet water, etc. Talcum and face. Alfred Wright, Perfumer, Inc. 233,589; Oct. 4; Serial No. 239,606; published July 26, 1927.

Preparation for expelling worms from hogs, etc. H. M. Lux. 233,598; Oct. 4; Serial No. 249,977; published July 26, 1927.

Preparation for sealing leaks in radiators of the automobile type. Liquid Veneer Corporation. 233,703; Oct. 4.

Preparation for sealing leaks in steam and hot-water boilers. Liquid Veneer Corporation. 233,704; Oct. 4.

Preparation for stiffening animal textile material. H. & B. Textile Chemical Corporation. 233,547; Oct. 4; Serial No. 249,170; published July 26, 1927.

Preparation for the extermination of mosquitoes, flies, etc. T. H. Wilkinson. 233,642; Oct. 4; Serial No. 250,658; published July 26, 1927.

Preparation for the relief of headache, etc. W. A. Mahoney. 233,586; Oct. 4; Serial No. 244,456; published July 26, 1927.

Remedies, Obesity. Marmola Company. 66,843; renewed Dec. 31, 1927.

Remedy for laxative and blood-purifying purposes. Iron-Ox Remedy Company. 67,357; renewed Jan. 28, 1928.

Remedy for rheumatism and gout. J. H. Howarth. 66,645; renewed Dec. 17, 1927.

Remedy, Pile. A. E. Ely. 233,652; Oct. 4; Serial No. 250,915; published July 26, 1927.

Salve and lotion for external use. W. R. Munro. 233,649; Oct. 4; Serial No. 250,853; published July 26, 1927.

Selenium. R. T. Vanderbilt Company. 233,641; Oct. 4; Serial No. 250,656; published July 26, 1927.

Sulphur and carbon bisulphide. Wheeler, Reynolds & Stauffer. 233,702; Oct. 4.

Toilet preparations. Filfred Laboratories, Inc. 233,556; Oct. 4; Serial No. 232,107; published July 26, 1927.

Tonic, Hair. A. Ortega. 233,522; Oct. 4; Serial No. 247,748; published July 26, 1927.

Tonic, Lung. W. T. Owbridge, Limited. 66,650; renewed Dec. 17, 1927.

Tonic, Skin. A. Ortega. 233,523; Oct. 4; Serial No. 247,747; published July 26, 1927.

Tooth paste. Nature's Toothpaste Corporation. 233,650; Oct. 4; Serial No. 250,856; published July 26, 1927.

Tooth paste, liquid disinfectant, salve preparation, etc. M. K. Wolverton. 233,590; Oct. 4; Serial No. 238,883; published July 26, 1927.

CLASS 7.

Rope drilling cables. Wire. Broderick & Bascom Rope Company. 233,575; Oct. 4; Serial No. 235,729; published July 26, 1927.

CLASS 8.

Cigarette, cigar, and tobacco cases. Alfred Vester Sons, Inc. 233,653; Oct. 4; Serial No. 250,948; published July 26, 1927.

CLASS 9.

Matches. Jönköpings Och Vuleans Tändsticksfabriksaktiebolag. 233,506; Oct. 4; Serial No. 246,210; published July 26, 1927.

CLASS 12.

Brick. Acme Brick Company. 233,531; Oct. 4; Serial No. 248,386; published July 26, 1927.

Brick. Acme Brick Company. 233,533; Oct. 4; Serial No. 248,383; published July 5, 1927.

Iron. Finely-ground clear gray. Contract Waterproofing Company. 233,584; Oct. 4; Serial No. 244,987; published July 5, 1927.

CLASS 13.

Chains, Sheet-metal. Smith & Egge Mfg. Co. 66,937; renewed Jan. 7, 1928.

Chains, Sheet-metal. Smith & Egge Mfg. Co. 67,301; renewed Jan. 28, 1928.

CLASS 14.

Alloy of metal. Smith & Egge Mfg. Co. 67,622; renewed Feb. 11, 1928.

CLASS 15.

Candles, candle bases, paraffin wax, etc. Standard Oil Company. 233,713; Oct. 4.

Gasoline. L. W. Baugh. 233,706; Oct. 4.
Gasoline, kerosene lubricating oils and greases, etc. Arbuthnot Oil Company. 233,516; Oct. 4; Serial No. 248,983; published July 26, 1927.

Oil, Lubricating. International Harvester Company. 233,573; Oct. 4; Serial No. 233,935; published July 26, 1927.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED.

Oils and greases. Blackhawk Petroleum Co. 233,680; Oct. 4; Serial No. 243,584; published July 26, 1927.
Oils and greases. Blackhawk Petroleum Co. 233,680-91; Oct. 4; Serial Nos. 243,525-6; published July 26, 1927.
Oils, etc. Standard Oil Company (New Jersey). 233,504; Oct. 4; Serial No. 246,717; published July 26, 1927.
Oils, etc. Standard Oil Company (New Jersey). 233,505; Oct. 4; Serial No. 246,718; published July 26, 1927.

CLASS 16.

Carbon black, lampblack, and gas black. G. L. Cabot. 67,327; renewed Jan. 28, 1928.

Detergent and polishing liquids. Buffalo Specialty Company. 233,568; Oct. 4; Serial No. 225,995; published July 26, 1927.

Glazing liquid and mixing oil for paint. John Lucas & Co. 233,597; Oct. 4; Serial No. 249,976; published July 26, 1927.

Paint. John Lucas & Co. 233,596; Oct. 4; Serial No. 249,975; published July 26, 1927.

Paint, Dampproof. Dexter Brothers Company. 66,020; renewed Nov. 5, 1927.

Paint, varnish, enamel, and lacquer remover. Bako Process Company. 233,709; Oct. 4.

Painters' materials. Patterson-Sargent Company. 64,770; renewed Dec. 24, 1927.

Paints. A. Sartorius & Co. Inc. 233,549; Oct. 4; Serial No. 248,800; published July 26, 1927.

Paints and varnishes. Varnish Products Co. 233,524; Oct. 4; Serial No. 247,581; published July 26, 1927.

Pigments, Dry earth. Reichard-Coulston Inc. 233,499; Oct. 4; Serial No. 247,099; published July 26, 1927.

Rustproofing material. Urner & Gerber. 233,494; Oct. 4; Serial No. 247,401; published July 26, 1927.

Varnishes, first coats, paint enamels, and lacquers. Sherwin-Williams Company. 233,582; Oct. 4; Serial No. 173,679; published July 26, 1927.

Varnishes, paints, paint enamels, etc. G. M. Johnson. 233,544; Oct. 4; Serial No. 249,177; published July 26, 1927.

CLASS 17.

Cigarettes. S. Andelenis. 233,583; Oct. 4; Serial No. 250,910; published July 19, 1927.

Cigars. H. Goldring. 233,629; Oct. 4; Serial No. 249,348; published July 19, 1927.

Cigars. Postal Cigar Company. 233,515; Oct. 4; Serial No. 248,722; published July 19, 1927.

Cigars. Starlight Brothers. 66,887; renewed Dec. 31, 1927.

Cigars. G. A. Strobeck. 233,662; Oct. 4; Serial No. 250,210; published July 19, 1927.

Snuff. Brown & Williamson Tobacco Corporation. 233,604; Oct. 4; Serial No. 250,380; published July 19, 1927.

Snuff. Brown & Williamson Tobacco Corporation. 233,622-23; Oct. 4; Serial Nos. 250,393-4; published July 19, 1927.

Tobacco, Smoking and chewing. Brown & Williamson Tobacco Corporation. 233,599-601; Oct. 4; Serial Nos. 250,372-4; published July 19, 1927.

Tobacco, Smoking and chewing. Brown & Williamson Tobacco Corporation. 233,602-3; Oct. 4; Serial Nos. 250,376-7; published July 19, 1927.

Tobacco, Smoking and chewing. Brown & Williamson Tobacco Corporation. 233,605-6; Oct. 4; Serial Nos. 250,382-3; published July 19, 1927.

Tobacco, Smoking and chewing. Brown & Williamson Tobacco Corporation. 233,607-8; Oct. 4; Serial Nos. 250,387-8; published July 19, 1927.

Tobacco, Smoking and chewing. Brown & Williamson Tobacco Corporation. 233,624-5; Oct. 4; Serial Nos. 250,389-90; published July 19, 1927.

Tobacco, Smoking and chewing. Brown & Williamson Tobacco Corporation. 233,666; Oct. 4; Serial No. 250,368; published July 19, 1927.

Tobacco, Smoking and chewing. Brown & Williamson Tobacco Corporation. 233,667; Oct. 4; Serial No. 250,370; published July 19, 1927.

CLASS 19.

Automobiles. Ree Motor Car Company. 233,626; Oct. 4; Serial No. 245,029; published May 31, 1927.

CLASS 21.

Electric bench machines, Portable. Heston & Anderson. 233,535; Oct. 4; Serial No. 248,298; published July 26, 1927.

Electric coffee and teapots and percolators, dishwashing machines, vacuum cleaners, etc. Buckley, Nowhall Company. 233,578; Oct. 4; Serial No. 241,084; published July 26, 1927.

Electric conductor and resistance materials. Gebrüder Siemens & Company. 233,687; Oct. 4; Serial No. 244,300; published July 26, 1927.

Electric controls for electric switches, etc. Federal Gauge Company. 233,507; Oct. 4; Serial No. 246,471; published July 26, 1927.

Electric controls for electric switches, etc. Federal Gauge Company. 233,536; Oct. 4; Serial No. 248,294; published July 26, 1927.

Electric controls for electric switches, temperature-operated electric switches, etc. Federal Gauge Company. 233,579; Oct. 4; Serial No. 241,814; published July 26, 1927.

Electric fruit-juice extractors. California Fruit Growers Exchange. 233,633; Oct. 4; Serial No. 249,510; published July 26, 1927.

Electrical receptacles, lighting fixtures, and parts thereof. Pass & Seymour, Inc. 233,552; Oct. 4; Serial No. 249,019; published July 26, 1927.

Electrical switches. Arrow Electric Company. 67,282; renewed Jan. 28, 1928.

Electrically-driven liquid mixers and electrical fans. United Electrical Manufacturing Company. 233,519; Oct. 4; Serial No. 248,658; published July 26, 1927.

Electrically-operated scribe saws and ham markers. H. & H. Scribe Saw Company. 233,566; Oct. 4; Serial No. 227,348; published July 26, 1927.

Flatirons, Electric. Chicago Flexible Shaft Company. 233,581; Oct. 4; Serial No. 242,091; published July 26, 1927.

Generator-brush holders, battery cables, generator housings, etc. R. G. Lafite. 233,495; Oct. 4; Serial No. 247,376; published July 26, 1927.

Lighters and dispensers for cigars, etc. American Metal Products Corporation. 233,513; Oct. 4; Serial No. 248,804; published July 26, 1927.

Radio vacuum tubes. A. F. Henninger Corporation. 233,634; Oct. 4; Serial No. 249,522; published July 26, 1927.

Sound amplifiers. Stewart-Warner Speedometer Corporation. 233,692; Oct. 4; Serial No. 243,072; published July 26, 1927.

Vehicle lamps, Electrical. Stover Signal Engineering Co. 233,694; Oct. 4; Serial No. 242,151; published July 26, 1927.

CLASS 22.

Rows, arrows, quivers, and arm guards. P. Rounseville. 233,518; Oct. 4; Serial No. 248,650; published July 19, 1927.

Cards, baseball bats, toy canes, dolls, toy balloons, etc. Playing. Moxie Company. 233,571; Oct. 4; Serial No. 231,747; published July 19, 1927.

Cards, Playing. A. Dougherty. 233,654-55; Oct. 4; Serial Nos. 250,015-16; published July 19, 1927.

Fishline reels. General Industries Company. 233,618; Oct. 4; Serial No. 250,409; published July 19, 1927.

Game Ball. Red Poppy Mfg. Co. 233,577; Oct. 4; Serial No. 241,001; published July 19, 1927.

Golf balls. Alfred Field & Co. 233,673; Oct. 4; Serial No. 249,880; published July 19, 1927.

Golf-club irons. A. G. Spalding & Bros. 66,434; renewed Nov. 26, 1927.

Golf tees. Acushnet Process Company. 233,616; Oct. 4; Serial No. 250,590; published July 19, 1927.

Reflectors. Broderick-Son-Raymond Company. 233,520; Oct. 4; Serial No. 247,884; published July 12, 1927.

Toy animals. H. M. Dickins. 233,636; Oct. 4; Serial No. 249,574; published July 19, 1927.

Toy animals, Stuffed. Margarette Steiff, Inc. 233,675; Oct. 4; Serial No. 249,872; published July 19, 1927.

Toy wagons, carts, automobiles, etc. E. H. Cheln. 233,497; Oct. 4; Serial No. 247,169; published July 19, 1927.

Toys, Novelty. I. H. Fishelov. 233,595; Oct. 4; Serial No. 249,963; published July 19, 1927.

CLASS 23.

Beverage dispensing and vending machines. Automatic Soda Dispensing Corporation. 233,558; Oct. 4; Serial No. 231,895; published July 26, 1927.

Clamps, Casing. W. C. Norris. 233,587; Oct. 4; Serial No. 244,236; published July 26, 1927.

Dispensing machines and parts thereof, Beverage. Fountaria Manufacturing Company. 233,684; Oct. 4; Serial No. 250,610; published July 26, 1927.

Engine-driven fire apparatus. American Lafrance Fire Engine Company. 233,551; Oct. 4; Serial No. 249,109; published July 26, 1927.

Engines, etc., and parts, Internal-combustion. Continental Motors Corporation. 233,517; Oct. 4; Serial No. 248,675; published July 26, 1927.

Files. Carver File Company. 233,510; Oct. 4; Serial No. 245,532; published July 26, 1927.

Knives, scissors, and razors, Pocket. C. Lütters & Cie. 62,989; renewed June 4, 1927.

Motors, Outboard. Johnson Motor Company. 233,698; Oct. 4.

Oil-well drives and counterweighted disks on the drive. Link-Belt Company. 233,553; Oct. 4; Serial No. 250,465; published July 26, 1927.

Printers' quoins. Wickersham Quoin Company. 65,952-3; renewed Oct. 29, 1927.

Printing presses, etc., Rollers for. Ideal Roller and Manufacturing Company. 233,585; Oct. 4; Serial No. 244,447; published July 26, 1927.

Pumps and turbines. E. S. G. Rees. 65,219; renewed Sept. 10, 1927.

Razors. K. C. Seelbach Company. 233,613-14; Oct. 4; Serial Nos. 250,570-1; published July 26, 1927.

Road scrapers, road rollers, etc. American Road Machinery Company. 233,561; Oct. 4; Serial No. 228,398; published July 26, 1927.

Scales. Phila. Scoop & Scale Mfg. Co. 233,627-8; Oct. 4; Serial Nos. 232,882-3; published July 26, 1927.

Stoppers, Mechanical and automatic. Quality Specialty Mfg. Co. 233,592; Oct. 4; Serial No. 234,150; published July 26, 1927.

CLASS 26.

Gauges and attachments therefor, Dimension. Pratt & Whitney Company. 233,640; Oct. 4; Serial No. 250,637; published July 26, 1927.
Photographic developing papers, Sensitized. Haloid Company. 233,545; Oct. 4; Serial No. 249,172; published July 26, 1927.
Projecting advertising machines, Automatic. Trans-Lux Daylight Picture Screen Corporation. 233,509; Oct. 4; Serial No. 245,167; published July 26, 1927.
Stereopticons, optical projecting instruments, etc. H. Newman. 233,646; Oct. 4; Serial No. 250,756; published July 26, 1927.

CLASS 27.

Watch movements. J. Goldberg. 233,493; Oct. 4; Serial No. 245,091; published July 26, 1927.
Watches. South Bend Watch Company. 67,959; renewed Feb. 25, 1928.
Watches, watch parts, etc. Didlsheim-Goldschmidt Fils et Cie, Fabrique, Juvenia. 233,550; Oct. 4; Serial No. 241,936; published July 26, 1927.

CLASS 28.

Jewelry. O. Pennino. 233,526; Oct. 4; Serial No. 248,590; published July 26, 1927.
Rings, bar pins, scarf pins, etc. Finger. Katz & Ogush, Inc. 233,630; Oct. 4; Serial No. 249,357; published July 26, 1927.
Vanity cases. Associated Attleboro Manufacturers Inc. 233,669; Oct. 4; Serial No. 249,530; published July 26, 1927.

CLASS 29.

Brooms. Kroger Grocery & Baking Co. 233,711; Oct. 4; Serial No. 250,401; published July 26, 1927.
Brushes. Lather. Rubber and Celluloid Products Company. 233,635; Oct. 4; Serial No. 249,543; published July 12, 1927.
Brushes, Tooth. L. Stamm. 233,644; Oct. 4; Serial No. 250,721; published July 19, 1927.

CLASS 30.

Pottery and porcelain. Pickard Studios, Incorporated. 233,564; Oct. 4; Serial No. 226,373; published July 26, 1927.

CLASS 32.

Beds, Spring. M. A. Hunt & Co. 67,598; renewed Feb. 11, 1928.
Hair. F. P. Woll & Co. 233,674; Oct. 4; Serial No. 249,579; published July 26, 1927.
Table tops. Kompass & Stoll Company. 233,572; Oct. 4; Serial No. 232,139; published July 26, 1927.

CLASS 34.

Furnaces, heaters, and boilers. L. J. Mueller Furnace Company. 65,232; renewed Sept. 10, 1927.
Heaters and steam boilers, Hot-water. Model Heating Company. 67,648; renewed Feb. 11, 1928.
Ovens, Portable bake. Middleby Oven Manufacturing Company. 65,597; renewed Oct. 8, 1927.
Stovepipes. Jackson-Evans Manufacturing Company. 66,459; renewed Dec. 3, 1927.
Stoves and ranges. Orbon Stove and Range Co. 67,651; renewed Feb. 11, 1928.
Stoves and their parts. American Stove Company. 64,653; renewed Aug. 20, 1927.
Underfeed stokers. Underfeed Stoker Company of America. 63,886; renewed July 9, 1927.

CLASS 35.

Belting, hose, and machinery packing. Revere Rubber Company. 66,237; renewed Nov. 19, 1927.
Belting, Leather. Chicago Belting Company. 67,825; renewed Feb. 18, 1928.
Hose, Rubber and, fabric. Fabric Fire Hose Company. 66,874; renewed Dec. 31, 1927.
Rubber footwear and rubber tires for motor vehicles. Hood Rubber Co. 66,987; renewed Jan. 7, 1928.
Tire covers. Studebaker Corporation. 233,633; Oct. 4; Serial No. 249,613; published July 26, 1927.
Tires, Rubber wheel. Hartford Rubber Works Company. 66,644; renewed Dec. 17, 1927.

CLASS 36.

Banjos and strings, bridges, etc. W. L. Lange. 233,527; Oct. 4; Serial No. 248,638; published July 26, 1927.
Musical instruments, Strings for. Kay Graham Co. 68,050; renewed Mar. 3, 1928.
Pianos, mandolins, guitars, banjos, and violins. C. J. Heppie & Son. 60,234-5; renewed Jan. 29, 1927.
Sound boxes and tone arms, Phonograph. J. A. Fischer Company. 233,619; Oct. 4; Serial No. 250,403; published July 26, 1927.
Strings for violins, etc. Muller & Kaplan. 233,532; Oct. 4; Serial No. 248,645; published July 26, 1927.
Talking machines, talking-machine records, sound boxes, etc. Societa Italiana di Fonotipia. 233,578; Oct. 4; Serial No. 240,688; published July 26, 1927.

CLASS 37.

Paper and linen envelopes and Bristol boards, Bond. Union Card & Paper Co. 67,656; renewed Feb. 11, 1928.

Paper, Printing and writing. Graham Paper Company. 67,377-8; renewed Jan. 28, 1928.
Paper, Tissue. Kroger Grocery & Baking Co. 233,699; Oct. 4.
Pens, Stylographic fountain. J. Kearney & Co. 66,269; renewed Nov. 19, 1927.

CLASS 38.

Newspaper. Washington Times Company. 66,539; renewed Dec. 10, 1927.
Publications. E. Hubbard. 67,477; renewed Feb. 4, 1928.

CLASS 39.

Boots and shoes, Rubber. Goodyear Metallic Rubber Shoe Company. 65,997; renewed Nov. 5, 1927.
Boots, overshoes, and rubbers. Rubber. St. Paul Rubber Co. 65,816; renewed Oct. 22, 1927.
Clothing. M. Halff & Bro. 66,426; renewed Nov. 26, 1927.
Clothing. Printz-Biederman Company. 67,103; renewed Jan. 14, 1928.
Corsets. I. Newman & Sons. 67,189; renewed Jan. 21, 1928.
Garments, Knitted. M. Halff & Bro. 66,724; renewed Dec. 24, 1927.
Girdle bloomers, sport bloomers, and pantee step-ins. Ladies. Traylance Mfg. & Imp't Co. 233,712; Oct. 4; Hats and hat frames, Ladies. Aitken, Son & Co. 64,817; renewed Aug. 29, 1927.
Hats, Women's. A. Levene. 233,512; Oct. 4; Serial No. 246,168; published July 19, 1927.
Hosiery. M. Halff & Bro. 66,373; renewed Nov. 26, 1927.
Hosiery. Richmond Hosiery Mills. 66,971; renewed Jan. 7, 1928.
Pantaloons. J. Schoeneman. 66,088; renewed Nov. 5, 1927.
Sweaters, Worsted. M. Keating. 233,714; Oct. 4.
Undergarments, Ladies' muslin. Rice-Stix Goods Company. 67,570; renewed Feb. 11, 1928.
Undergarments, Tubular knit ribbed fabric. Royal Gem Mills Co. 64,599; renewed Aug. 13, 1927.

CLASS 42.

Cloth, Window-shade. Western Shade Cloth Company. 64,602; renewed Aug. 13, 1927.
Comforts. Chas. A. Maish Company. 67,286; renewed Jan. 28, 1928.
Cotton goods. Riverside & Dan River Cotton Mills, Inc. 233,688; Oct. 4; Serial No. 244,108; published July 26, 1927.
Cotton goods and rayon and cotton mixtures, etc. Tilton & Keeler Inc. 233,685; Oct. 4; Serial No. 244,963; published July 26, 1927.
Cotton or rayon, Piece goods of. Kendall Mills Inc. 233,593; Oct. 4; Serial No. 249,909; published July 26, 1927.
Cotton piece goods. Tilton & Keeler. 67,084; renewed Jan. 14, 1928.
Cotton, rayon and cotton, and silk and cotton fabrics. Turner & Vandam, Inc. 232,645; Oct. 4; Serial No. 250,724; published July 26, 1927.
Crêpe de chine piece goods. Square Silk Mills, Inc. 233,648; Oct. 4; Serial No. 250,826; published July 26, 1927.
Handkerchiefs. Motte-Daveau, Inc. 233,569; Oct. 4; Serial No. 225,313; published July 26, 1927.
Knitted, netted, and textile fabrics. Celanese Corporation of America. 233,676; Oct. 4; Serial No. 249,750; published July 26, 1927.
Knitted silk goods. Chopak Textile Co. 233,496; Oct. 4; Serial No. 247,261; published July 26, 1927.
Laces. Aitken, Son & Co. 64,185; renewed July 30, 1927.
Lawn, being cotton piece goods. Liberty & Co. 233,637; Oct. 4; Serial No. 249,592; published July 26, 1927.
Silk, cotton, and mixtures thereof, flat crepes, etc. Piece goods of. John C. Welwood Corp. 233,701; Oct. 4.
Silk fabrics. A. M. Turrell Fabrics Corporation. 233,656; Oct. 4; Serial No. 250,050; published July 26, 1927.
Textile fabrics, Bleached, unbleached, dyed, and printed. A. G. Hyde & Sons. 64,183; renewed July 30, 1927.
Textile fabrics, Bleached, unbleached, dyed, and printed. A. G. Hyde & Sons. 64,234; renewed July 30, 1927.
Voile in the piece made of rayon. Clarence Whitman & Sons, Inc. 233,677; Oct. 4; Serial No. 249,764; published July 26, 1927.
Woolen dress goods. Atlantic Mills. 233,562; Oct. 4; Serial No. 224,796; published Apr. 6, 1926.
Woolen dress goods. Atlantic Mills. 233,565; Oct. 4; Serial No. 224,798; published Apr. 6, 1926.
Woolen fabrics. Delane Woolen Company. 233,632; Oct. 4; Serial No. 249,466; published July 26, 1927.
Woolen goods. Forstmann & Huffmann Company. 233,514; Oct. 4; Serial No. 248,764; published July 26, 1927.
Woolen goods. Forstmann & Huffmann Company. 233,609-10; Oct. 4; Serial Nos. 250,502-3; published July 26, 1927.
Woolen goods. Forstmann & Huffmann Company. 233,611; Oct. 4; Serial No. 250,507; published July 26, 1927.

Woolen piece goods. W. R. Bradshaw. 233,574; Oct. 4; Serial No. 234,077; published Aug. 10, 1926.
Woolen piece goods. William F. Read & Sons Co. 233,659; Oct. 4; Serial No. 250,139; published July 26, 1927.
Woolen textile fabrics. Atlantic Mills. 233,498; Oct. 4; Serial No. 247,117; published July 26, 1927.

CLASS 43.

Yarn. Rayon. S. & H. Dyeing Co. 233,521; Oct. 4; Serial No. 247,823; published July 26, 1927.
Yarns or threads. Celanese Corporation of America. 233,671; Oct. 4; Serial No. 249,781; published July 26, 1927.

CLASS 44.

Alloys, Gold. J. M. Ney Company. 233,528-9; Oct. 4; Serial Nos. 248,588-9; published July 26, 1927.
Belts. Electromagnetic. E. C. Farmer. 233,511; Oct. 4; Serial No. 245,835; published July 26, 1927.
Fillings for teeth, Amalgam. J. B. Z. Roberts. 65,510; renewed Oct. 8, 1927.
Gold alloys for dental purposes. J. M. Ney Company. 233,680; Oct. 4; Serial No. 249,673; published July 26, 1927.
Pads, Electric treating. Spinal-Magneto Co. 233,501; Oct. 4; Serial No. 246,936; published July 26, 1927.
Sanitary belts. A. Ishii. 233,588; Oct. 4; Serial No. 241,057; published July 26, 1927.
Sanitary napkins. Hospital Specialty Co. 233,591; Oct. 4; Serial No. 235,817; published July 26, 1927.
Sanitary napkins. Hygiene Products Co. 233,681-2; Oct. 4; Serial Nos. 249,600-1; published July 26, 1927.
Sanitary napkins. B. Jacobson. 233,668; Oct. 4; Serial No. 250,618; published July 26, 1927.

CLASS 45.

Beverage sold as a soft drink, etc. Mil-Coa Company. 233,567; Oct. 4; Serial No. 225,198; published Oct. 26, 1926.
Beverages. Mountain Valley Springs Company. 233,537-8; Oct. 4; Serial Nos. 247,119-20; published July 12, 1927.
Beverages. Mountain Valley Springs Company. 233,539; Oct. 4; Serial No. 248,118; published July 12, 1927.
Beverages and sirups, compounds, flavors, and concentrates for making the same. Orange-Crush Company. 233,631; Oct. 4; Serial No. 249,433; published July 19, 1927.
Beverages and sirups for making the same. A. Koegel. 233,661; Oct. 4; Serial No. 250,177; published July 19, 1927.
Beverages, flavoring concentrates, and sirups and extracts for making the same. Jacob House & Sons. 233,612; Oct. 4; Serial No. 250,540; published July 19, 1927.
Beverages sold as soft drinks. Berkeley Springs Bottling Co. 233,543; Oct. 4; Serial No. 249,211; published July 12, 1927.
Beverages sold as soft drinks. Chaleso-Gesellschaft m. b. H. 233,503; Oct. 4; Serial No. 246,815; published July 19, 1927.
Beverages sold as soft drinks. A. Kanner. 233,617; Oct. 4; Serial No. 250,461; published July 19, 1927.
Beverages sold as soft drinks. G. E. Tucker. 233,542; Oct. 4; Serial No. 249,247; published July 12, 1927.
Beverages sold as soft drinks and sirups for making the same. Bronx Mineral Water Co. Inc. 233,660; Oct. 4; Serial No. 250,158; published July 19, 1927.
Beverages sold as soft drinks and sirups for making the same, etc. E. Brooker. 233,657; Oct. 4; Serial No. 250,060; published July 19, 1927.
Beverages sold as soft drinks, extracts, concentrates, and sirups for making same. R. C. Kochendarfer. 233,670; Oct. 4; Serial No. 249,797; published July 19, 1927.
Beverages sold as soft drinks, sirups and extracts for making the same. Bruhnke Bros. 233,594; Oct. 4; Serial No. 249,945; published July 19, 1927.
Cider, Sweet apple. F. A. Kaufmann Manufacturing Company. 233,664; Oct. 4; Serial No. 250,308; published July 19, 1927.
Ginger ale. Blanke-Baer Chemical Co. 67,222; renewed Jan. 21, 1928.
Ginger ale. Napa Rock Mineral Water Co. 233,708; Oct. 4.
Ginger ale. Palmer Bottling Company. 233,500; Oct. 4; Serial No. 246,845; published July 12, 1927.
Ginger ale and sirup for making the same. I. Levinson. 233,560; Oct. 4; Serial No. 215,637; published Oct. 19, 1926.
Ginger ale and sirups used in making the same. Blue Seal Extract Co. 233,563; Oct. 4; Serial No. 250,487; published July 19, 1927.
Ginger ale, root beer, etc. Wankesha Silurian Water Company. 233,502; Oct. 4; Serial No. 246,702; published July 12, 1927.
Maltless extract. J. Whewell. 233,525; Oct. 4; Serial No. 247,402; published July 12, 1927.

CLASS 46.

Biscuits, Standard Wafer Co. 66,032; renewed Nov. 5, 1927.
Candy. E. C. Sperry. 62,703; renewed May 21, 1927.
Canned corn. Illinois Canning Co. 67,315; renewed Jan. 28, 1928.
Canned fish. John Broadland Ltd. 233,557; Oct. 4; Serial No. 201,646; published Aug. 11, 1925.
Canned fruits and vegetables. H. P. Cannon. 67,706; renewed Feb. 18, 1928.
Canned fruits and vegetables, fruit preserves, dried vegetables, etc. Edward W. Brown Co. 233,695; Oct. 4; Serial No. 211,015; published Mar. 1, 1927.
Canned fruits, vegetables, and condensed milk. McClinton-Trunkay Co. 233,534; Oct. 4; Serial No. 248,311; published July 19, 1927.
Canned pineapple. Pearl City Fruit Company, Limited. 67,502; renewed Feb. 4, 1928.
Cheese, Roquefort. Societe Anonyme des Caves et des Producteurs Reunis de Roquefort. 66,598; renewed Dec. 17, 1927.
Cocoa. H. Maillard. 67,320; renewed Jan. 28, 1928.
Coffee. J. S. Elliott. 67,549; renewed Feb. 11, 1928.
Coffee. C. A. Murdock Mfg. Co. 64,544; renewed Aug. 13, 1927.
Coffee and tea. Ross W. Welr & Company. 67,574; renewed Feb. 11, 1928.
Coffee, spices, rice, taploca, etc. Kirkpatrick Bros. 233,570; Oct. 4; Serial No. 232,784; published Aug. 24, 1926.
Fish, Smoked, canned, pickled, and preserved. A/S. The Bergen Canning Co. 64,268; renewed July 30, 1927.
Flours, Wheat. Globe Milling Co. 66,589; renewed Dec. 17, 1927.
Foods. H. J. Heinz Company. 67,934; renewed Feb. 25, 1928.
Foods, Sea. Strohmeier & Arpe Co. 67,169; renewed Jan. 21, 1928.
Fruits and sundries and toppings in bulk for use in ice cream, Crushed. H. Baron & Co. Inc. 233,554; Oct. 4; Serial No. 225,863; published July 19, 1927.
Hams and bacon. Kingan & Company, Ltd. 64,918; renewed Aug. 27, 1927.
Jellies, Jams, fruits in glass, canned fruits, etc. Mitchell Fletcher Company. 233,508; Oct. 4; Serial No. 246,173; published July 19, 1927.
Lard. Chas. Wolff Packing Co. 67,267; renewed Jan. 28, 1928.
Malt preparation for use in making bread. Erste Wiener Export-Malzfabrik Hauser & Sobotka. 60,472; renewed Feb. 12, 1927.
Meats and sausage. Cured. Kingan and Company. 66,686; renewed Dec. 24, 1927.
Meats, Cured. Kingan and Company. 66,701; renewed Dec. 24, 1927.
Meats, Cured and salted. Kingan and Company. 66,699-700; renewed Dec. 24, 1927.
Meats, lard and sausage, Cured, cooked, and canned. Kingan and Company. 66,687; renewed Dec. 24, 1927.
Meats, lard and sausage, Cured, dressed, cooked and canned. Coffin-Fletcher Packing Co. 64,775; renewed Aug. 20, 1927.
Meats, Smoked and salt. Kingan & Company Ltd. 65,700; renewed Oct. 15, 1927.
Milk, Condensed. Pacific Coast Condensed Milk Co. 63,320; renewed June 11, 1927.
Minced meat. Atmore & Son. 67,038-9; renewed Jan. 14, 1928.
Pickles and brined vegetable material therefor, jellies, mustard, dill brine, etc. Squire Dingee Company. 233,559; Oct. 4; Serial No. 228,672; published July 19, 1927.
Plum pudding. Atmore & Son. 67,148; renewed Jan. 21, 1928.
Pop corn. W. J. Madden. 64,595; renewed Aug. 13, 1927.
Sausage, Dry. Cudaby Packing Co. 233,707; Oct. 4.

CLASS 49.

Schliedam schnapps, Aromatic. Udoipho Wolfe Company; 67,624; renewed Feb. 11, 1928.
Whisky. C. F. Moorman & Company. 64,379; renewed Aug. 6, 1927.

CLASS 50.

Wrought iron and other metal objects of art, statuary, carvings, etc. Montllor Bros. 233,696; Oct. 4.

ALPHABETICAL LIST OF LABELS.

Atlantic Bird Palace, Pet Supplies and Health Food Products. For Food Products and Supplies for Household Pets. H. L. Borini. 32,794; Oct. 4.
Beech-Nut Anise Drops. For Candles—Namely, Anise Drops. Beech-Nut Packing Company. 32,785; Oct. 4.

Beech-Nut Biscuit Dainties, Beech-Nut Molasses Chips. For Bakery Goods—Namely, Molasses Chips. Beech-Nut Packing Company. 32,780; Oct. 4.
Beech-Nut Black Cough Drops. For Cough Drops. Beech-Nut Packing Company. 32,783; Oct. 4.

Beech-Nut Butter Scotch. For Candies—Namely, Butter-scotch. Beech-Nut Packing Company. 32,784; Oct. 4.
 Beech-Nut Cinnamon Drops. For Candies—Namely, Cinnamon Drops. Beech-Nut Packing Company. 32,789; Oct. 4.
 Beech-Nut Clove Drops. For Candies—Namely, Clove Drops. Beech-Nut Packing Company. 32,790; Oct. 4.
 Beech-Nut Lemon Drops. For Candies—Namely, Lemon Drops. Beech-Nut Packing Company. 32,782; Oct. 4.
 Beech-Nut Lime Drops. For Candies—Namely, Lime Drops. Beech-Nut Packing Company. 32,781; Oct. 4.
 Beech-Nut Orange Drops. For Candies—Namely, Orange Drops. Beech-Nut Packing Company. 32,786; Oct. 4.
 Beech-Nut Peppermint Drops. For Candies—Namely, Peppermint Drops. Beech-Nut Packing Company. 32,787; Oct. 4.
 Beech-Nut Wintergreen Drops. For Candies—Namely, Wintergreen Drops. Beech-Nut Packing Company. 32,788; Oct. 4.
 Blue & Red Flag. For Fresh Apples. Earl Fruit Company. 32,800; Oct. 4.
 Blue Flag. For Fresh Apples. Earl Fruit Company. 32,801; Oct. 4.
 Blue Ribbon. For Chewing Gum. D. Robbins. 32,815; Oct. 4.
 Brodax Whole O' The Wheat Bread. For Bread. W. H. Brooks. 32,795; Oct. 4.
 Bull Dog. For Automobile Tire Patches. H. Yaffe. 32,823; Oct. 4.
 Clenzall. For a Cleansing Fluid Compound. R. A. Bassett. 32,779; Oct. 4.
 Dixie Maid Milk Bread. For Bread. Texas Bread Company. 32,817; Oct. 4.
 Farm Brand. For Catchup. C. Von Allmen Preserving Co. 32,821; Oct. 4.
 Gilt-Edge. For Malt Sirup. Philadelphia Malt Extract Company. 32,812; Oct. 4.
 Gold-Seal. For Barley-Malt Sirup. Camden Hardware Co. 32,797; Oct. 4.
 Half Moon. For Fresh Oranges. Gold Banner Association. 32,802; Oct. 4.
 Hoola. For Medicinal Preparation. H. A. Bode. 32,793; Oct. 4.

Jan-U-Wine. For Chop Suey. Jan-U-Wine Chop Suey Company. 32,806; Oct. 4.
 Jones's No-Chap. For a Preparation for Sunburn, Windburn, Chapped Hands and Face, and After-Shaving De-light. Homer L. Jones Company. 32,807; Oct. 4.
 Lax-O-Mint. For Laxative Chewing Gum. L. Hurwitz. 32,805; Oct. 4.
 Magozone. For Oxygen Compound. F. M. E. Blass. 32,791; Oct. 4.
 Maid O'Clover. For Ice Cream. Mutual Creamery Company. 32,811; Oct. 4.
 Marshmallow-Freeze. For a Frozen Confection. H. Halsted. 32,803; Oct. 4.
 Melba Rusk. For Whole-Wheat Melba Rusk. H. G. Cubbison. 32,798; Oct. 4.
 Mohican. For Fresh Oranges. Red Fox Orchards. 32,814; Oct. 4.
 Oh Henry! For Candy. Williamson Candy Company. 32,822; Oct. 4.
 Palekana. For Medicinal Preparation. H. A. Bode. 32,792; Oct. 4.
 Pickaninny Twins. For Cake Mixture. C. M. Pitt & Sons Company. 32,813; Oct. 4.
 Puritan. For Fresh Lettuce. G. E. Mann. 32,809; Oct. 4.
 Red Flag. For Fresh Apples. Earl Fruit Company. 32,799; Oct. 4.
 Sanitary Natural Crepe. For Toilet Paper. Van Paper Supply Co. 32,818; Oct. 4.
 Save-A-Cote. For Enamels. Mineral-Lac Paint Co. 32,810; Oct. 4.
 Sunlight Washing Compound. For Washing Compound. Sales Service Products Co. 32,816; Oct. 4.
 The Box Beautiful. For Engraved Greeting Cards for Everyday Use. King Card Company. 32,808; Oct. 4.
 Transmissions, Clutches & Controls. For Transmissions, Clutches, and Controls. Brown-Lipe Gear Company. 32,796; Oct. 4.
 Van-Guard. For Toilet Paper. Van Paper Supply Co. 32,819; Oct. 4.
 Van-It. For Toilet Paper. Van Paper Supply Co. 32,820; Oct. 4.
 Youth and Beauty Hair Tonic. For a Tonic for the Hair and Scalp. G. V. Holland. 32,704; Oct. 4.

ALPHABETICAL LIST OF PRINTS.

A Souvenir Which Has Done Credit to Our Nation. For Souvenir Coin or Pocket Piece. T. J. Sylvester. 10,244; Oct. 4.
 A Westener is Never Away From Home When He Can Buy Hills Bros Coffee. For Coffee. Hills Bros. 10,215; Oct. 4.
 Aroma, Flavor, Strength and Freshness—All Present in Hills Bros Coffee. For Coffee. Hills Bros. 10,224; Oct. 4.
 As You Drink—Your Taste Revels in The Flavor of Hills Bros Coffee. For Coffee. Hills Bros. 10,238; Oct. 4.
 Back You Will Come For More Hills Bros Coffee. For Coffee. Hills Bros. 10,217; Oct. 4.
 By Ginger! It's Good. For Ginger Ale. General Outdoor Advertising Co. 10,211; Oct. 4.
 Carter's Champion Chicks. For Baby Chicks. O. A. Carter. 10,207; Oct. 4.
 Constipation, Faulty Digestion, Metabolism. For Oxygen-Therapy. F. M. E. Blass. 10,205; Oct. 4.
 Controlled Roasting Gives Hills Bros Coffee a Flavor You Can't Forget or Match. For Coffee. Hills Bros. 10,218; Oct. 4.
 Controlled Roasting is Hills Bros' Guarantee of Excellence. For Coffee. Hills Bros. 10,235; Oct. 4.
 Controlled Roasting is Hills Bros' Process, But The Fine Flavor It Creates is Yours. For Coffee. Hills Bros. 10,226; Oct. 4.
 Controlled Roasting Makes Hills Bros Coffee Yield an Extra Measure of Flavor. For Coffee. Hills Bros. 10,222; Oct. 4.
 Cooking Food and Roasting Coffee are Closely Related. For Coffee. Hills Bros. 10,219; Oct. 4.
 Cosmetics can Neither Cure Nor Conceal Our Skin Blemishes. For Venetian Toilet Preparations. Arden Chemical Co. Inc. 10,204; Oct. 4.
 Each Sip Repays The Goodness of Hills Bros Coffee. For Coffee. Hills Bros. 10,230; Oct. 4.
 Equal Portion—Equal Service. For Pie and Cake and Similar Food-Dividing Machines. Turnquist Corporation. 10,245; Oct. 4.
 Explore Where You Will—You'll Find No Coffee to Compare With Hills Bros. For Coffee. Hills Bros. 10,223; Oct. 4.
 Free a Booklet You Will Want to Keep and Refer to When Guests Come. For Coffee. Hills Bros. 10,237; Oct. 4.
 Free Accept This Gift From Hills Bros.—Just Send The Coupon. For Coffee. Hills Bros. 10,214; Oct. 4.
 Genuine. A Western Greeting and a Cup of Hills Bros Coffee. For Coffee. Hills Bros. 10,239; Oct. 4.
 Hills Bros' Discovery of Controlled Roasting Made Coffee Drinking A New Joy. For Coffee. Hills Bros. 10,228; Oct. 4.

Hold It! For Handkerchiefs. International Hdkf. Mfg. Co. 10,242; Oct. 4.
 In All The World There's No Other Coffee With The Flavor Of Hills Bros. For Coffee. Hills Bros. 10,225; Oct. 4.
 It's Not Only Rivers and Mountains That Bound The West, But Hills Bros Coffee! For Coffee. Hills Bros. 10,236; Oct. 4.
 Look For The Arab. It Identifies The Genuine Hills Bros Coffee. For Coffee. Hills Bros. 10,234; Oct. 4.
 Millions and Millions of People are Pushing Bommer Spring Hinges When Opening Doors. For Spring Hinges. E. Bommer. 10,206; Oct. 4.
 Millions of Tastes Have Approved The Matchless Flavor of Hills Bros Coffee. For Coffee. Hills Bros. 10,241; Oct. 4.
 Now a New and Better Can For Hills Bros Coffee. For Coffee. Hills Bros. 10,220; Oct. 4.
 Paints of The Better Kind. For Paints. Frank M. Kennedy Paint & Color Company. 10,243; Oct. 4.
 Perfume Moods of Ada May. For Perfume. Coty, Inc. 10,208; Oct. 4.
 Quick Fire Harlan. For Coal. W. S. Harman. 10,212; Oct. 4.
 Satisfy Your Longing For Perfect Coffee With a Cup Of Hills Bros. For Coffee. Hills Bros. 10,229; Oct. 4.
 Shouldn't Coffee Be More Than 'Something Hot To Drink?' For Coffee. Hills Bros. 10,221; Oct. 4.
 Teachers Say—This Plan Works Wonders! For Wheat Breakfast Food. Cream of Wheat Co. 10,210; Oct. 4.
 Teething Troubles Usually Due to Unwise Feeding. For Wheat Breakfast Food. Cream of Wheat Co. 10,209; Oct. 4.
 That Flavor of Hills Bros Coffee is Unlike Any That Ever Passed Your Lips. For Coffee. Hills Bros. 10,227; Oct. 4.
 The Aroma of Hills Bros Coffee Says, 'Wait Till You Taste The Flavor.' For Coffee. Hills Bros. 10,233; Oct. 4.
 The Invigorating Drink of The West—Hills Bros Coffee. For Coffee. Hills Bros. 10,216; Oct. 4.
 There are so Many Coffees—It Pays to Ask for Hills Bros. For Coffee. Hills Bros. 10,240; Oct. 4.
 There is no Satisfactory Short-Cut in Roasting Coffee. For Coffee. Hills Bros. 10,213; Oct. 4.
 Western Hospitality Always Offers its Best. Hills Bros Coffee. For Coffee. Hills Bros. 10,232; Oct. 4.
 Your Taste Never Met Coffee so Exquisite In Flavor as Hills Bros. For Coffee. Hills Bros. 10,231; Oct. 4.

ALPHABETICAL LIST OF PATENTEEES

TO WHOM

PATENTS WERE ISSUED ON THE 4TH DAY OF OCTOBER, 1927.

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice). Includes patents, reissues, and designs.

Abbadessa, Vincenzo, assignor of one-half to L. A. Andrews, Newton Upper Falls, Mass. Heel burnisher. 1,644,459; Oct. 4.
 Acme Devices Corporation. (See Stibley, Wesley B., assignor.)
 Adams, Edward M., Lennoxville, Quebec, Canada. Pulley. 1,644,164; Oct. 4.
 Addicks, Diedrich C., Ragland, Ala. Disintegrating machine. 1,643,938; Oct. 4.
 Ahn, Josef M., New York, N. Y. Glider. 1,644,623; Oct. 4.
 Ahrendts, George R., assignor to The Atlas-Globe China Company, Niles, Ohio. Cup or similar article. Des. 73,549; Oct. 4.
 Akron Standard Mold Company, The. (See Hudson, C. B. and Bostwick, assignors.)
 Alford, George D., San Jose, Calif. Fireplace. 1,644,219; Oct. 4.
 Alspaugh, James S., Portsmouth, Ohio. Gear shift mechanism. 1,643,935; Oct. 4.
 Aluminum Company of America. (See Shumaker, Frank D., assignor.)
 American Grinder Company. (See Ott, Albert J. and C. L., assignors.)
 American Steel Foundries. (See Oelkers, Alfred H., assignor.)
 American Telephone and Telegraph Company. (See Gordon, C. S., and Lowe, assignors.)
 American Telephone and Telegraph Company. (See McCurdy, Ralph G., assignor.)
 American Telephone and Telegraph Company. (See Zobel, Otto J., assignor.)
 Amos, Cyril F., Rochester, England. Electric timing switch. 1,644,100; Oct. 4.
 Andersen, Esten, Chicago, Ill. Rafter-framing tool. 1,644,624; Oct. 4.
 Anderson, Andrew G., Wollaston, Mass., assignor, 'by mesne assignments, to The Bassick Manufacturing Company, Chicago, Ill. Lubricant-receiving nipple and cap therefor. 1,644,220; Oct. 4.
 Anderson, August P., Toledo, Ohio. Refrigerating apparatus. 1,644,165; Oct. 4.
 Anderson, Eric W., Chicago, Ill. Hydraulic jack. 1,644,101; Oct. 4.
 Anderson, James S. (See Karpinsky, S., and Anderson.)
 Anderson, John E. (See Hartmann, Carl, assignor.)
 Andrews, Louis A. (See Abbadessa, Vincenzo, assignor.)
 Angeletti, Joseph M., New York, N. Y. Self-adjusting drawing instrument. 1,644,221; Oct. 4.
 Ashmun, Harry S. (See Titcomb, L. R. and Ashmun.)
 Assorati, Antonio, New York, N. Y. Snap fastener. 1,643,936; Oct. 4.
 Atkins, George C. (See Clemence, John D., assignor.)
 Atlas-Globe China Company, The. (See Ahrendts, George R., assignor.)
 Attack, Frederick W. (See Hope, Edward, assignor.)
 Au, Carl H., assignor of one-half to J. C. Hoyt, Washington, D. C. Current meter. 1,644,005; Oct. 4.
 Aumack, Howard W., Jersey City, N. J. Clothes rack. 1,644,503; Oct. 4.
 Bahlan, Simon J., Philadelphia, Pa. Document-binding clamp. 1,644,625; Oct. 4.
 Bach, Oscar B., New York, N. Y. Table. Des. 73,550; Oct. 4.
 Bach, Oscar B., New York, N. Y. Table. Des. 73,551; Oct. 4.
 Bach, Oscar B., New York, N. Y. Cabinet. Des. 73,552; Oct. 4.
 Bach, Oscar B., New York, N. Y. Ash tray. Des. 73,553; Oct. 4.
 Bachofen Novelty Fabric Inventions, Inc. (See Bachofen, Theodor, assignor.)
 Bachofen, Theodor J., Westbrook, Me. Apparatus for piece dyeing. 1,644,460; Oct. 4.
 Bachofen, Theodor J., Westbrook, Me. Piece dyeing. 1,644,461; Oct. 4.
 Bachofen, Theodor J., Westbrook, Me. Machine for piece dyeing. 1,644,462; Oct. 4.
 Bachofen, Theodor, Westbrook, Me., assignor to Bachofen Novelty Fabric Inventions, Inc. Making pile fabrics. 1,644,319; Oct. 4.
 Balinter, Milford, Columbus, Ohio, assignor to S. Obermayer Company, Chicago, Ill. Furnace arch. 1,644,166; Oct. 4.
 Baker, Charles H., assignor to Firestone-Apsley Rubber Company, Hudson, Mass. Overshoe and manufacturing the same. 1,644,864; Oct. 4.

Baker, Eric K., assignor to Baker Reduction Gear Company, Detroit, Mich. Planetary reduction gear. 1,644,222; Oct. 4.
 Baker, Gilbert L., Oakland, Calif. Glare shield for electric lamps. 1,643,937; Oct. 4.
 Baker Reduction Gear Company. (See Baker, Eric K., assignor.)
 Banner, Otto A., assignor to The Falk Corporation, Milwaukee, Wis. Oil engine. 1,644,556; Oct. 4.
 Banner, Otto A., assignor to The Falk Corporation, Milwaukee, Wis. Oil engine. 1,644,557; Oct. 4.
 Barclay, Gustaf L., assignor to Detroit Steel Products Company, Detroit, Mich. Window. 1,644,223; Oct. 4.
 Bardin, Clarence L., Limestone, Fla. Spring suspension for vehicles. 1,644,224; Oct. 4.
 Barklie, Robert H. D., Purley, England. Electric fuse. 1,644,626; Oct. 4.
 Barr, John H., assignor to Remington Accounting Machine Corporation, New York, N. Y. Calculating machine. 1,644,504; Oct. 4.
 Barrell, Charles S., Boston, Mass. Tire-chain link. 1,644,627; Oct. 4.
 Barth, Adolf, Munich, Germany. Syringe. 1,644,225; Oct. 4.
 Bartholomew, John R., Montclair, N. J., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Vehicle vacuum brake. 1,644,558; Oct. 4.
 Bassick Manufacturing Company, The. (See Anderson, Andrew G., assignor.)
 Bassick Mfg. Co., The. (See Carr, Fred S., assignor.)
 Bassick Manufacturing Company, The. (See Carr, Moses F., assignor.)
 Bassick Manufacturing Company, The. (See Johnson, Gustav, assignor.)
 Bassick Manufacturing Company, The. (See Pierce, Earl F., assignor.)
 Bassick Manufacturing Company, The. (See Upham, Preston, assignor.)
 Bassick, William R. (See Pitman, Andrew C., assignor.)
 Beach, Howard L., assignor to Clark Car Company, Pittsburgh, Pa. Latch-release mechanism. 1,643,974; Oct. 4.
 Beck, George C., Spokane, Wash. Piston-groove cleaner and deepener. 1,644,006; Oct. 4.
 Becker, Edmund H. (See Martus, M. L., and Becker.)
 Becker, George W., Brooklyn, N. Y. Automobile door. 1,643,939; Oct. 4.
 Bockett, William A., Kingsville, Ontario, Canada. Gas burner. 1,644,505; Oct. 4.
 Beckstein, George C., Buffalo, N. Y. Ring. Des. 73,554; Oct. 4.
 Bodard, Frank, Flint, Mich. Portable air jet for paper machines. 1,644,226; Oct. 4.
 Belcher, Warren J., assignor to The Whitney Mfg. Company, Hartford, Conn. Power-transmission chain. 1,644,656; Oct. 4.
 Belknap, Samuel L., assignor to In-A-Wall Safe Company, Inc., Los Angeles, Calif. Wall safe. 1,644,410; Oct. 4.
 Bell Telephone Laboratories, Incorporated. (See Howland, Henry, assignor.)
 Belmont Packing & Rubber Company. (See Crooks, William, assignor.)
 Bender, Carl J., Minneapolis, Minn. Battery box. 1,644,641; Oct. 4.
 Bendix Brake Company. (See McDonald, Eugene G., assignor.)
 Benedict, Allan B., assignor to Goodman Manufacturing Company, Chicago, Ill. Mining machine. 1,644,227; Oct. 4.
 Benjamin, Samuel C., Chicago, Ill. Tumbler-washing machine. 1,644,628; Oct. 4.
 Bennett, Edward O., Chicago, Ill., assignor to W. C. Hayes. Key lock. 1,644,365; Oct. 4.
 Bennett, Raymond A., Roxbury, and A. M. Boothby, Watertown, assignor to Boothby Fibre Can Company, Boston, Mass. Paper container. 1,644,506; Oct. 4.
 Bennett, Thomas F., Flushing, N. Y. Electric-lighting fixture. 1,643,940; Oct. 4.
 Benoit, Elphege F., Seattle, Wash. Brake-band coupling. 1,644,629; Oct. 4.
 Benzol-Verband Gesellschaft mit beschränkter Haftung. (See Ostwald, Walter, assignor.)
 Bergstein, Samuel, assignor to The Interstate Folding Box Company, Middletown, Ohio. Paper box and the like. 1,644,411; Oct. 4.
 Berry, John S., Plainfield, N. J. Window structure. 1,644,507; Oct. 4.

Best, Frank E., Seattle, Wash. Governor mechanism. 1,644,167; Oct. 4.
 Best, Howard G. (See O'Brien, Frank, assignor.)
 Betteley, Edward S. C., Surbiton, England. Electrically-operated indicating device. 1,644,192; Oct. 4.
 Betz, Harry D., Kansas City, Mo. Adding machine. 1,644,559; Oct. 4.
 Bierce, Fred N., Cincinnati, Ohio. Guy anchor. 1,644,103; Oct. 4.
 Bignell, Edward, Lincoln, Nebr. Apparatus for removing piles. 1,644,560; Oct. 4.
 Bilderback, Henry S., Elk City, Okla. Snap hook. 1,644,163; Oct. 4.
 Binkley, Herman C., Tigard, Oreg. Handle. 1,644,630; Oct. 4.
 Bishop & Babcock Manufacturing Company, The. (See Levy, Edward J., assignor.)
 Bjorklund, Olaf, St. Paul, Minn. Hot-water heater. 1,644,228; Oct. 4.
 Blake, Ernest W., London, England. Surgical bandage. 1,644,508; Oct. 4.
 Blakeslee, Raymond I. (See Brown, Jasper C., assignor.)
 Blanchard, Ernest H., Schenectady, and D. Mott, Glenville, N. Y. Convertible vacuum sweeper and floor polisher. 1,644,169; Oct. 4.
 Blaylock, Gifford E., Baltimore, Md. Blow-out patch. 1,644,104; Oct. 4.
 Bliss, Clyde H., Portland, Oreg. Tamper. 1,644,320; Oct. 4.
 Block, Abraham, San Francisco, Calif., assignor, by mesne assignments, to The National Cash Register Company, Dayton, Ohio. Credit-slip-authorizing apparatus. 1,644,229; Oct. 4.
 Block, Maurice, assignor to Block Porteller Company, Chicago, Ill. Lighting fixture. Des. 73,555; Oct. 4.
 Block Porteller Company. (See Block, Maurice, assignor.)
 Blom, Hjalmar T., Chicago, Ill., assignor to Sullivan Machinery Company. Unloading mechanism. 1,644,007; Oct. 4.
 Bloomer, Matthew, East Brisbane, Queensland, Australia. Apparatus for manufacturing roller and semiroller chains. 1,644,561; Oct. 4.
 Bogan, Edgar P., Detroit, Mich. Electrical lighter for gas stoves. 1,644,230; Oct. 4.
 Bogner, Bela, New York, N. Y. Permanent-hair-waving device. 1,644,321; Oct. 4.
 Bond, Paul, Pocatello, Idaho. Carburetor device. 1,644,322; Oct. 4.
 Bond, Edward. (See Cover, H. T., and Bond.)
 Bonney-Floyd Company, The. (See Edmunds, Glenn E., assignor.)
 Bonnell, Charles D., Pittsburgh, assignor to P. H. Murphy Company, New Kensington, Pa. Car roof. 1,643,975; Oct. 4.
 Boothby, Albion M. (See Bennett, R. A., and Boothby.)
 Boothby Fibre Can Company. (See Bennett, R. A., and Boothby, assignors.)
 Borden Company, The. (See Nonneman, Ira W., assignor.)
 Borer, Josef, Breitenbach, near Basel, Switzerland. Apparatus for the manufacture of mica plates. 1,644,631; Oct. 4.
 Borsedy, Frank, East Chicago, Ind. Compound lock. 1,644,323; Oct. 4.
 Bostwick, Henry C. (See Hudson, C. B., and Bostwick.)
 Bosworth, Harry J., assignor to Harry J. Bosworth Company, Chicago, Ill. Light support. 1,644,231; Oct. 4.
 Bosworth, Harry J., Company. (See Bosworth, Harry J., assignor.)
 Boye, James H., assignor to James H. Boye Manufacturing Company, Chicago, Ill. Bracket and rod coupling for curtain fixtures. 1,644,105; Oct. 4.
 Boye, James H., Manufacturing Company. (See Boye, James H., assignor.)
 Brandt Automatic Cashier Co. (See Brandt, Edward J., assignor.)
 Brandt, Edward J., assignor to Brandt Automatic Cashier Co., Watertown, Wis. Casing for a coin-delivery machine. Des. 73,556; Oct. 4.
 Brandt, Edward J., assignor to Brandt Automatic Cashier Co., Watertown, Wis. Coin-handling machine. 1,643,941; Oct. 4.
 Brodar, Joseph L., Rock Island, Ill. Shlm. 1,644,412; Oct. 4.
 Bridge, Walter G., Newton, assignor to C. E. Parkhurst, Somerville, Mass. Articulator. 1,644,106; Oct. 4.
 Bridge, Walter G., Newton, and W. A. Pervier, Watertown, assignors to Dr. C. E. Parkhurst, Somerville, Mass. Muffle furnace. 1,644,107; Oct. 4.
 Bridges, Frank, Harrow, H. Firman, Harrow Weald, H. W. Tisdale, North Weimbley, and B. D. W. Hoskins, Wealdstone, assignors to W. R. Codling, London, England. Printing machine. 1,644,232; Oct. 4.
 Briere, Joseph A., Lake Linden, Mich. Reverse-signal-circuit closer for motor vehicles. 1,644,008; Oct. 4.
 Brightman, William A., Sullivan, Ky. Extractor for automobiles. 1,644,509; Oct. 4.
 Brill, J. G., Company, The. (See Brooks, James A., assignor.)
 Brindley, Scott J., Chicago, Ill. Carburetor. 1,644,233; Oct. 4.
 Brinton, William C., Jr., Larkspur, assignor to The Greasometer Corporation, San Francisco, Calif. Grease cup. 1,644,234; Oct. 4.

Brodie, George A., Goldendale, Wash. Cow-milking apparatus. 1,644,413; Oct. 4.
 Brooks, James A., Kirkllyn, assignor to The J. G. Brill Company, Philadelphia, Pa. Car seat. 1,644,632; Oct. 4.
 Brown, Charles S., Syracuse, N. Y. Mowing machine. 1,644,563; Oct. 4.
 Brown, Jasper C., assignor of one-half to R. I. Blakeslee, Los Angeles, Calif. Picking up objects and articles. 1,644,366; Oct. 4.
 Brown, John B., and J. P. Kane, Portland, Oreg. Locomotive-type boiler. 1,644,463; Oct. 4.
 Brown-Lipe Gear Company. (See Spase, Charles B., assignor.)
 Browne, Walter A., assignor to Warthen Train Control Corporation, Washington, D. C. Automatic train-stopping and speed-controlling apparatus. 1,643,976; Oct. 4.
 Browning, Ray J., Buffalo, N. Y. Safety clasp. 1,644,562; Oct. 4.
 Buchanan, Stephen N. (See Davis, A. P., and Buchanan.)
 Buckingham, Edward J., Camberwell, London, England. Sparking plug. 1,644,633; Oct. 4.
 Buckwalter, Tracy V., assignor to The Timken Roller Bearing Company, Canton, Ohio. Mounting roller-bearing cups. 1,643,977; Oct. 4.
 Buff, Frank L., Wichita, Kans. Safety control valve. 1,644,170; Oct. 4.
 Bugbee, Lucian W., Jr., Indianapolis, Ind., assignor, by mesne assignments, to Continental Optical Corporation, New York, N. Y. Lens block. 1,643,978; Oct. 4.
 Buhke, Alfred E., River Forest, Ill. Golf club. 1,644,510; Oct. 4.
 Bullington, Frank A., assignor to Bullington Motors, Kansas City, Mo. Sealing means for rotary engines. 1,644,564; Oct. 4.
 Bullington Motors. (See Bullington, Frank A., assignor.)
 Burchard, Albert F. (See Howard, Alonzo, assignor.)
 Burdett, Horace H., assignor to Draper Corporation, Hopedale, Mass. Builder mechanism for yarn spinning or winding machines. 1,644,643; Oct. 4.
 Burgess Battery Company. (See Harris, De Witt C., assignor.)
 Burkhalter, William T., and J. Stripling, Reidsville, Ga. Rail joint. 1,644,235; Oct. 4.
 Burnham, Edward C., assignor to Draper Corporation, Hopedale, Mass. Bobbin support for filling replenishing looms. 1,644,644; Oct. 4.
 Cabral, Florimundo, Fall River, Mass. Clothes press. 1,644,367; Oct. 4.
 Cady, Walter H., Boston, Mass. Producing reinforced waterproof compositions. 1,644,050; Oct. 4.
 Cain, Ernest R., and C. R. McMillan, Kingstree, S. C. Culinary implement. 1,644,464; Oct. 4.
 Caldwell, Hendrix K., San Diego, Calif. Remote gas-control-valve apparatus. 1,644,171; Oct. 4.
 Calpin, Raymond, Everett, assignor to A. S. Campbell Company, East Boston, Mass. Curtain window. 1,643,942; Oct. 4.
 Calpin, Raymond, Everett, assignor to A. S. Campbell Company, East Boston, Mass. Curtain window. 1,643,979; Oct. 4.
 Campbell, A. S., Company. (See Calpin, Raymond, assignor.)
 Campbell, Lawrence B., Washington, D. C. Radiator ornament. 1,644,051; Oct. 4.
 Cannon Manufacturing Company. (See Flannery, Burt V., assignor.)
 Cantilever Corporation. (See Morse, Raymond P., assignor.)
 Canton Forge & Axle Company. (See Schneider, Lawrence A., assignor.)
 Carbide and Carbon Chemicals Corporation. (See Davidson, Joseph G., assignor.)
 Carder, Frederick, Corning, N. Y. Flower holder. Des. 73,557; Oct. 4.
 Cardwell, James R., assignor to Union Draft Gear Company, Chicago, Ill. Friction draft gear. 1,644,172; Oct. 4.
 Carlson, Ellsworth E., J. P. Costello, and R. L. Hellbroner, assignors to Luxite Silk Products Co., Milwaukee, Wis. Bloomers. 1,643,980; Oct. 4.
 Carpenter, Charles U., Dayton, Ohio, assignor, by mesne assignments, to J. R. Sterrett, H. F. Devens, and J. R. Speer. Typewriter. 1,644,108; Oct. 4.
 Carr, Edward G., Chicago, Ill. Concrete-road machine. 1,644,511; Oct. 4.
 Carr Fastener Company. (See Carr, Moses F., assignor.)
 Carr, Fred S., Newton, Mass., assignor, by mesne assignments, to The Bassick Mfg. Co., Chicago, Ill. Lubricating apparatus. 1,644,173; Oct. 4.
 Carr, Moses F., Lexington, Mass., assignor to Carr Fastener Company, Cambridge, Mass. Fastener. 1,643,981; Oct. 4.
 Carr, Moses F., Lexington, Mass., assignor, by mesne assignments, to The Bassick Manufacturing Company, Chicago, Ill. Lubricating nipple and cap therefor. 1,644,174; Oct. 4.
 Carr, Moses F., Lexington, Mass., assignor, by mesne assignments, to The Bassick Manufacturing Company, Chicago, Ill. Lubricating nipple and cap therefor. 1,644,236; Oct. 4.

Carringer, James R., Elizabeth, N. J., assignor to Standard Development Company. Continuous distillation of hydrocarbon oils. 1,644,324; Oct. 4.
 Carson, William W., Jr., assignor to The Fulton Syphon Company, Knoxville, Tenn. Thermostatically-controlled valve mechanism. 1,644,325; Oct. 4.
 Cashin, W. D., Co. (See Cashin, W. D., and Miller, assignor.)
 Cashin, William D., West Roxbury, and M. P. Miller, Waban, assignors to W. D. Cashin Co., Boston, Mass. Water and air relief valve. 1,644,109; Oct. 4.
 Casper, George D., New York, assignor of one-half to W. W. Schusky, Long Island City, N. Y. Drain trap. Re16,752; Oct. 4.
 Cayner, Cora, Ardmore, Okla. Incubator. 1,644,634; Oct. 4.
 Chicago-Cleveland Car Roofing Company. (See Russell, Thomas N., assignor.)
 Chicago Electric Manufacturing Co. (See Lerschman, William, assignor.)
 Chicago Lock Company. (See Shinn, Lyle B., assignor.)
 Chicago Railway Equipment Company. (See Moore, Ambrose C., assignor.)
 Chicago Tool & Kit Mfg. Co. (See O'Neill, William J., assignor.)
 Chott, Edward L., assignor of one-half to H. J. Chott, Chicago, Ill. Teeth-cleaning device. 1,644,465; Oct. 4.
 Chott, Hugo J. (See Chott, Edward L., assignor.)
 Christensen, Christen, assignor to Electrical Engineers Equipment Company, Chicago, Ill. Insulator support. 1,643,943; Oct. 4.
 Christensen, Niels A., Milwaukee, Wis. Brake mechanism for vehicles. 1,644,635; Oct. 4.
 Christensen, Walter D., Pueblo, Colo. Electric-arc-welding tool. 1,644,237; Oct. 4.
 Church, Edgar D., assignor to Jackson & Church Co., Saginaw, Mich. Wall-vibrating machine. 1,644,175; Oct. 4.
 Church, Harold D., et al. (See Marcus, Charles, assignor.)
 Church, Harold D., Fairfield, Conn., assignor of one-third to C. Marcus, New York, N. Y., and one-third to R. P. Lansing, Montclair, N. J. Shock absorber for vehicles. 1,644,653; Oct. 4.
 Church, Harold D., Fairfield, Conn., assignor of one-third to C. Marcus, New York, N. Y., and one-third to R. P. Lansing, Montclair, N. J. Shock absorber for vehicles. 1,644,654; Oct. 4.
 Church, Lewis H. (See Thomas, G. C. Jr., and Church.)
 Church, Lewis H., assignor to The Thomas & Betts Co., Elizabeth, N. J. Cable connector. 1,644,305; Oct. 4.
 Church, Lewis H., assignor to The Thomas & Betts Co., Elizabeth, N. J. Cable connector. 1,644,308; Oct. 4.
 Churchill, Benn P., and W. J. Churchill, Milwaukee, Wis. Washing machines. Re16,758; Oct. 4.
 Churchill, William J. (See Churchill, Benn P. and W. J., assignors.)
 Cincinnati Grinders Incorporated. (See Helm, Lewis R., assignor.)
 Clap, Harvey, Co. (See Person, Axel, assignor.)
 Clark Car Company. (See Beach, Howard L., assignor.)
 Clemence, John D., Burlington, Ontario, Canada, assignor of one-half to G. C. Atkins, village of Bronte, Ontario, Canada. Stapling device. 1,644,176; Oct. 4.
 Climax Engineering Company. (See Wishart, William, assignor.)
 Codling, William R. (See Bridges, F., Firman, Tisdale, and Hoskins, assignors.)
 Collins, William R., Detroit, Mich. Adjustable golf club. 1,644,177; Oct. 4.
 Conant, Arthur P., Fort Thomas, assignor to The Wadsworth Watch Case Company, Dayton, Ky. Watch-case bow. Des. 73,558; Oct. 4.
 Concenlo Fixture Company. (See Noack, William A., assignor.)
 Connecticut Telephone & Electric Company, The. (See Donle, Harold P., assignor.)
 Continental Optical Corporation. (See Bugbee, Lucian W., Jr., assignor.)
 Conwill, Fred F., Berkeley, Calif. Apparatus for decorating. 1,644,238; Oct. 4.
 Cook, Adoniram J., Westerlo, N. Y., assignor to The P & M Company, Chicago, Ill. One-piece spring rail anchor. 1,644,178; Oct. 4.
 Cook, Albert, Holyoke, Mass. Band-tying gauge. 1,644,414; Oct. 4.
 Cook, Clarence P., assignor to Scovill Manufacturing Company, Waterbury, Conn. Vanity box. 1,643,944; Oct. 4.
 Cooper Oven Thermometer Co., The. (See Whittier, Horace R., assignor.)
 Copeman Laboratories Company. (See Copeman, Lloyd G., assignor.)
 Copeman, Lloyd G., assignor to Copeman Laboratories Company, Flint, Mich. Match-plate pattern. 1,644,368; Oct. 4.
 Cornelius, John W., assignor to The Shellabarger Mills & Elevator Company, Salina, Kans. Process and apparatus for finishing mill rolls. 1,644,512; Oct. 4.
 Cosgro, Fred, Huntington Beach, Calif. Liquid gauge. 1,644,415; Oct. 4.
 Costello, James P. (See Carlson, E. E., Costello, and Hellbroner.)
 Cover, Henry T., and E. Bond, London, England. Apparatus for breaking up concrete-road foundations and like structures. 1,644,110; Oct. 4.

Crawford, Frank M. (See Miller, F. V., and Crawford.)
 Croan, Walter B., assignor to Drying Systems, Inc., Chicago, Ill. Direct air heater. 1,644,180; Oct. 4.
 Crook, Louis H., Washington, D. C., assignor of one-half to G. H. Jakobsson, Takoma Park, Md. Inflating and injecting device. 1,643,945; Oct. 4.
 Crooks, William, assignor to Belmont Packing & Rubber Company, Philadelphia, Pa. Machine for folding packing and the like. 1,644,416; Oct. 4.
 Cross, Frank, St. Louis, Mo., assignor of one-half to T. M. Hobbs, Carml, Ill. Templet. 1,644,636; Oct. 4.
 Crowe, John M., Kenton County, assignor to The Crowe Manufacturing Corporation, Covington, Ky. Portable motor-driven saw. 1,644,326; Oct. 4.
 Crowe Manufacturing Corporation, The. (See Crowe, John M., assignor.)
 Crowe, Paul L., Baltimore, Md. Centripetal compressor. 1,644,565; Oct. 4.
 Cruikshank, James W., Pittsburgh, Pa. Method and apparatus for surfacing sheet glass. 1,644,369; Oct. 4.
 Cutler, Frank W., assignor to Cutler Manufacturing Company, Portland, Oreg. Sorting and grading device. 1,644,052; Oct. 4.
 Cutler Manufacturing Company. (See Cutler, Frank W., assignor.)
 Cuttat, Georges E., assignor to the Société Anonyme des Anciens Etablissements Cuttat & Cie., Paris, France. Turret lathe. 1,644,566; Oct. 4.
 Dailley, Owen R., Davenport, Iowa. Toy top. 1,644,182; Oct. 4.
 Daimler-Benz Aktiengesellschaft. (See Porsche, Ferdinand, assignor.)
 Dakota Koolaire Company. (See Sawdey, John M., assignor.)
 Damm, Arvid G., Huddinge, Sweden. Apparatus for producing series of signs. 1,644,239; Oct. 4.
 Dapron, Joseph M., St. Louis, Mo., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid-pressure brake. 1,644,568; Oct. 4.
 Darling, Theodore H., Long Beach, Calif. Casing-perforating device. 1,644,637; Oct. 4.
 Daughaday, Frank P., Norton, Mass. Buckle. Des. 73,559; Oct. 4.
 Davidson, Joseph G., Pittsburgh, Pa., assignor to Carbide and Carbon Chemicals Corporation. Solution of cellulose esters. 1,644,417; Oct. 4.
 Davidson, Joseph G., Yonkers, N. Y., assignor to Carbide and Carbon Chemicals Corporation. Solution of cellulose esters. 1,644,418; Oct. 4.
 Davidson, Joseph G., Yonkers, N. Y., assignor to Carbide and Carbon Chemicals Corporation. Solution of cellulose esters. 1,644,419; Oct. 4.
 Davidson, Joseph G., Yonkers, N. Y., assignor to Carbide and Carbon Chemicals Corporation. Solution of cellulose esters. 1,644,420; Oct. 4.
 Davis, Alexis P., Baltimore, Md., and S. N. Buchanan, New York, N. Y., assignors to The Thomas & Betts Co., Elizabeth, N. J. Cable connector. 1,644,311; Oct. 4.
 Davis, Charles E., assignor to Goodman Manufacturing Company, Chicago, Ill. Cutter chain. 1,644,181; Oct. 4.
 Davis, William L., Renton, assignor of one-half to F. A. and L. I. Wilson, Seattle, Wash. Buckle. 1,644,513; Oct. 4.
 Dearborn, Morris L., San Diego, Calif. Camber-measuring means for vehicle wheels. 1,644,111; Oct. 4.
 Deby, André J. and J. A., Courbevoile, France. 1,644,638; Oct. 4.
 Deby, Jean A. (See Deby, André J. and J. A.)
 Deo, Donald, et al. (See Ovenshire, Hattie R., assignor.)
 Deere and Company. (See Paul, William L., assignor.)
 Deere & Company. (See Strandlund, Carl G., assignor.)
 Delster, Emil, Fort Wayne, Ind. Apparatus for concentrating materials such as coal. 1,644,112; Oct. 4.
 Delster, Emil, Fort Wayne, Ind. Concentrating table. 1,644,113; Oct. 4.
 Delval-Crow, Thomas C., assignor to The New Departure Manufacturing Company, Bristol, Conn. Bearing. 1,643,982; Oct. 4.
 De Laval Separator Company, The. (See Lindgren, Hans O., assignor.)
 Dentists' Supply Company, The. (See Off, Edward P., assignor.)
 Detroit Insulated Wire Company. (See Hunter, Joseph H., assignor.)
 Detroit Steel Products Company. (See Barclay, Gustaf I., assignor.)
 Detroit Steel Products Company. (See Franzen, Tore, assignor.)
 Deutsche Maschinenbau- und Vertriebs-Gesellschaft m. b. H. (See Lichtenstein, Edmund, assignor.)
 Devens, H. F., et al. (See Carpenter, Charles U., assignor.)
 Devereaux, William C., Detroit, Mich. Door latch. 1,644,240; Oct. 4.
 De Vry Corporation, The. (See De Vry, Herman A., assignor.)
 De Vry, Herman A., assignor to The De Vry Corporation, Chicago, Ill. Film spool. Re16,762; Oct. 4.
 Dewes, Arthur B., St. Louis, Mo. Bowling game. 1,644,466; Oct. 4.
 Dexter Folder Company. (See Kast, Edward R., assignor.)
 Diago, Federico G., Habana, Cuba. Ticket seller. 1,644,639; Oct. 4.

Diamond Power Specialty Corporation. (See Rawson, Grant I., assignor.)
 Diamond Power Specialty Corporation. (See Varian, Howard M., assignor.)
 Di Cristina, Nunzio R., Palermo, Italy. Apparatus to render possible the inhalation of medicinal powders. 1,643,983; Oct. 4.
 Dietrichs, Charles, Little Ferry, N. J. Game board. 1,644,514; Oct. 4.
 Doberstein, Edward J., Blue Island, assignor to Goodman Manufacturing Company, Chicago, Ill. Mining machine. 1,644,183; Oct. 4.
 Doberstein, Edward J., Blue Island, assignor to Goodman Manufacturing Company, Chicago, Ill. Filting device. 1,644,241; Oct. 4.
 Doble, Frank C., Cambridge, Mass. Apparatus for indicating voltage stress. 1,644,421; Oct. 4.
 Doble, Frank C., Cambridge, Mass. Apparatus for testing insulators. 1,644,422; Oct. 4.
 Doering, Albert L., Germantown, assignor to J. S. Thorn Company, Philadelphia, Pa. Sash frame. 1,644,645; Oct. 4.
 Doherty, Henry L., & Company. (See Griswold, John W., assignor.)
 Doule, Harold P., assignor to The Connecticut Telephone & Electric Company, Incorporated, Meriden, Conn. Condenser. 1,644,242; Oct. 4.
 Dostal, John R., assignor to Dostal & Lowey Hydro Company, Inc., Milwaukee, Wis. Bottle-washing machine. 1,644,515; Oct. 4.
 Dostal & Lowey Hydro Company. (See Dostal, John R., assignor.)
 Draper Corporation. (See Burdett, Horace H., assignor.)
 Draper Corporation. (See Burnham, Edward C., assignor.)
 Draper Corporation. (See Keegan, Patrick, assignor.)
 Drying Systems, Inc. (See Croan, Walter B., assignor.)
 Duffy, Ralph E., et al. (See Underwood, Walter O., assignor.)
 Duncombe, Charles M. (See Harris, Charles J., assignor.)
 Dunham, C. A., Company. (See Dunham, Clayton A., assignor.)
 Dunham, Clayton A., Glencoe, Ill., assignor to C. A. Dunham Company, Marshalltown, Iowa. Heating by steam. 1,644,114; Oct. 4.
 Dura Company, The. (See Nicholson, Stanley W., assignor.)
 Dux, Dr. H., Company. (See Rieffert, Wilhelm, assignor.)
 Dykes, John L. G., Chicago, Ill. Molding and vulcanizing apparatus. 1,644,327; Oct. 4.
 Eagle Lites, Inc. (See Horowitz, Julius, assignor.)
 Eaton, George, assignor to M. C. Eaton, Cleveland, Ohio. Electric heater. Des. 73,560; Oct. 4.
 Eaton, May C. (See Eaton, George, assignor.)
 Ebbert, Charles W., Quincy, Ill. Cleaning cloth. 1,644,053; Oct. 4.
 Eckert, Otto, assignor to Präzisionsguss-Fabrik Gebr. Eckert, Nuremberg, Germany. Automatic machine for casting metal under pressure. 1,644,034; Oct. 4.
 Edmunds, Glenn E., assignor to The Bonney-Floyd Company, Columbus, Ohio. Mine car. 1,644,009; Oct. 4.
 Edmunds, Glenn E., assignor to The Bonney-Floyd Company, Columbus, Ohio. Mine car. 1,644,010; Oct. 4.
 Edmunds, Glenn E., assignor to The Bonney-Floyd Company, Columbus, Ohio. Mine car. 1,644,011; Oct. 4.
 Edmunds, Glenn E., assignor to The Bonney-Floyd Company, Columbus, Ohio. Mine car. 1,644,012; Oct. 4.
 Egelhoff, Charles H., Columbus, Ohio. Forming an artistic paint finish. Rel. 7,60; Oct. 4.
 Eggmann, Alfred, and A. Perea, Paris, France. Manufacturing translucent article. 1,644,115; Oct. 4.
 Ehrhart, William, Lancaster, Pa. Pretzel-cooking apparatus. 1,644,516; Oct. 4.
 Eldermann, Frank L., North Bergen, assignor to H. S. Germond, Jr., Bayonne, N. J. Safety device for elevating trucks. 1,644,328; Oct. 4.
 Elermann, Karl, assignor to The Firm Gebr. Baumann Maschinen und Motofabrik G. m. b. H. & Cie., Commanditgesellschaft, Munich, Germany. Internal-combustion engine. 1,644,517; Oct. 4.
 Electrical Engineers Equipment Company. (See Christensen, Christen, assignor.)
 Electrol, Inc. of Missouri. (See Scott, Lewis L., assignor.)
 Elevator Supplies Company. (See Shonnard, Harold W., assignor.)
 Elevator Supplies Company. (See Weeks, William W., assignor.)
 Elliot, Samuel, Manchester, Mass. Internal-combustion engine. 1,644,329; Oct. 4.
 Elk River Concrete Products Company. (See Longfellow, Dwight W., assignor.)
 Emeco Derrick & Equipment Company. (See Trout, William A., assignor.)
 Eppley, Charles S., assignor to Self-Acting Switch Co., York, Pa. Trolley contact. 1,644,013; Oct. 4.
 Equipment Specialties Co. (See Gillies, William R., assignor.)
 Eseltine, Alfred B., assignor to Goodman Manufacturing Company, Chicago, Ill. Draft-operated scrapers. 1,644,243; Oct. 4.

Exton, William G., New York, N. Y. Apparatus for measuring fluids for turbidity, color, and other characteristics. 1,644,330; Oct. 4.
 Exton, William G., New York, N. Y. Instrument for measuring fluids for turbidity, color, and other characteristics. 1,644,331; Oct. 4.
 Fagan, James P., La Junta, Colo. Vehicle signal. 1,644,040; Oct. 4.
 Falk Corporation, The. (See Banner, Otto A., assignor.)
 Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid-pressure brake. 1,644,569; Oct. 4.
 Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake-cylinder device. 1,644,570; Oct. 4.
 Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Release-valve device. 1,644,571; Oct. 4.
 Farmer, Clyde C., Pittsburgh, and T. H. Thomas, Edgewood, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Load-brake device. 1,644,567; Oct. 4.
 Fay, Thomas J., Brooklyn, N. Y. Frequency transformer. 1,644,332; Oct. 4.
 Fearson, Francis J., Baltimore, Md. License-plate holder. 1,644,423; Oct. 4.
 Fefel, John E., Bridgeport, Conn., assignor of one-half to F. J. Hoey, New York, N. Y. Tubular-fabric-forming machine. 1,644,116; Oct. 4.
 Ferguson, Edward W., Ogdensburg, N. Y. Rail-securing device. 1,644,184; Oct. 4.
 Ferguson, Luther R., Hinton, W. Va. Wheel gauge. 1,644,055; Oct. 4.
 Ferro, Claude B., San Bernardino, Calif. Traffic signal for motor vehicles. 1,644,424; Oct. 4.
 Ferry James, Co. (See Ferry, J. V., and Miller, assignors.)
 Ferry, James V., Atlantic City, and A. P. Miller, Pleasantville, assignors to James Ferry Co., Atlantic City, N. J. Underpinning. 1,644,572; Oct. 4.
 Field, Crosby, Yonkers, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Sublimation apparatus. 1,644,518; Oct. 4.
 Firestone-Apsley Rubber Company. (See Baker, Charles H., assignor.)
 Firman, Henry. (See Bridges, F., Firman, Tisdale, and Hoskins, assignors.)
 Fischer, Howard L. (See Reiland, Ernest S. and P. M., assignors.)
 Fischer, Philip A., New York, N. Y. Gartered hosiery. 1,644,185; Oct. 4.
 Fish, Richard H., Fall River, Mass. Doup beddle. 1,644,573; Oct. 4.
 Flite, Jeremiah T., Springfield, Mo. Vehicle ventilator. 1,644,186; Oct. 4.
 Fitz Gerald, Claude H., and G. H. Hutchins, Kenton, England. Cleaning device for tobacco pipes and other articles. 1,644,574; Oct. 4.
 Fitz Gerald, Maurice E. W., and F. F. Maynard, Eltham, New Zealand. Means for use in spreading discrete road-forming materials. 1,644,575; Oct. 4.
 Fitzgibbon, John E., assignor to Phoenix Hosiery Company, Milwaukee, Wis. Stocking. Des. 73,561; Oct. 4.
 Flannery, Burt V., Philadelphia, Pa., assignor to Cannon Manufacturing Company, Kannapolis, N. C. Towel or the like. Des. 73,562; Oct. 4.
 Fleck, Christian H., assignor to Jackson Corset Company, Jackson, Mich. Corset brassiere. 1,644,117; Oct. 4.
 Fleming, Lawrence A., Fairmont, W. Va. Portable refreshment booth. Des. 73,563; Oct. 4.
 Florence, John, Indianapolis, Ind. Pipe-testing plug. 1,644,118; Oct. 4.
 Fortescue, Charles L., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Regulator system. 1,644,467; Oct. 4.
 Fowler, David C., Mount Comfort, Ind. Egg-peeling device. 1,644,119; Oct. 4.
 Fox, A. H., Gun Company. (See Henke, Frederick, assignor.)
 France Foundry & Machine Co., The. (See Slee, Daniel G., assignor.)
 Franzen, Tore, assignor to Detroit Steel Products Company, Detroit, Mich. Vehicle spring suspension. 1,644,468; Oct. 4.
 Freed, Meyer L., assignor, by mesne assignments, to Secretary of Commerce of the United States and the people of the United States, Washington, D. C. Composition of matter, a superrefractory body formed therefrom and manufacturing the same. 1,644,244; Oct. 4.
 Freeman, Walter A., South Pasadena, Calif. Smokers' receptacle. 1,644,245; Oct. 4.
 Frick, Rudolph. (See Madison, John H., assignor.)
 Friedl, Hugh J., Buffalo, N. Y. Transmission or brake band. 1,643,946; Oct. 4.
 Frink, I. P., Inc. (See Spencer, William H., assignor.)
 Fulton Syphon Company, The. (See Carson, William W., Jr., assignor.)
 Funke, Albert. (See Wagner, H., and Funke, assignors.)
 Gabriel, Raimund, Neustadt, Czechoslovakia. Tool handle fastening device. 1,644,576; Oct. 4.
 Galbreath, Lon A., et al., trustees. (See Rogers, Harry R., assignor.)

Gams, Alphons, and M. Girard, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Manufacture of calcium salts of inositol-phosphoric acid. 1,644,246; Oct. 4.
 Gaschler, Alois, Berlin, Germany. Artificially producing radioactive substances. 1,644,370; Oct. 4.
 Gasster Company, The. (See Reichhelm, George L., assignor.)
 Gates, Sylvester A., Detroit, Mich. Metal-back building material. 1,644,247; Oct. 4.
 Gearty, Charles A., Elkridge, Md. Alloy. 1,644,425; Oct. 4.
 Gebr. Baumann Maschinen und Motofabrik G. m. b. H. & Cie., Commanditgesellschaft. (See Elermann, Karl, assignor.)
 Gemmer Manufacturing Company. (See Marles, Henry, assignor.)
 General Fire Extinguisher Company. (See Loepsinger, Albert J., assignor.)
 General Motors Corporation. (See Knudsen, William S., assignor.)
 General Zeolite Company. (See Green, Walter H., assignor.)
 Gennis, Mary, et al. (See Herman, Henry, assignor.)
 Gentsch, Theodore, Spokane, Wash. Weeding tool. 1,644,426; Oct. 4.
 George, Enoch, Jr., assignor to The McConway & Torley Company, Pittsburgh, Pa. Car-coupler mounting. 1,644,577; Oct. 4.
 George, John H., Philadelphia, Pa. Safety-plug lock for gas cocks. 1,644,578; Oct. 4.
 Gerdiel, Hans, Berlin-Grünwald, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Device for determining a difference in length. 1,644,333; Oct. 4.
 Germond, Henry S., Jr. (See Eldmann, Frank L., assignor.)
 Gillies, William R., assignor to Equipment Specialties Co., Chicago, Ill. Sealing wall and floor joints, etc. 1,643,984; Oct. 4.
 Gilman, George H., Belmont, Mass. Drilling machine. 1,644,120; Oct. 4.
 Girard, Max. (See Gams, A., and Girard.)
 Giszczynski, Stanley, Philadelphia, Pa. Umbrella runner. 1,644,579; Oct. 4.
 Glennon, James, Rochester, Minn. Dirigible headlight. 1,644,427; Oct. 4.
 Goldman, Melvin, Los Angeles, Calif. Dispensing machine. 1,644,371; Oct. 4.
 Goldman, Sigmund L., assignor to Red Sun Products Co., Chicago, Ill. Decanting and filtering float device. 1,644,248; Oct. 4.
 Goldring, Ida. (See Hellbron, Jacob, assignor.)
 Goldsmith, Wolf T., Newark, N. J. Hand-bag frame. Des. 73,564; Oct. 4.
 Goldsmith, Wolf T., Newark, N. J. Hand-bag frame. Des. 73,565; Oct. 4.
 Golembiewski, Boleslaw, Utica, N. Y. Theft-preventing device for automobiles. 1,644,334; Oct. 4.
 Goodman Manufacturing Company. (See Benedict, Allan B., assignor.)
 Goodman Manufacturing Company. (See Davis, Charles E., assignor.)
 Goodman Manufacturing Company. (See Doberstein, Edward J., assignor.)
 Goodman Manufacturing Company. (See Eseltine, Alfred B., assignor.)
 Goodman Manufacturing Company. (See Housman, John S., assignor.)
 Goodman Manufacturing Company. (See McCullough, William T., assignor.)
 Goodman Manufacturing Company. (See Packer, Glenn W., assignor.)
 Goodman Manufacturing Company. (See Poole, Clarence F., assignor.)
 Goodman Manufacturing Company. (See Pray, Thomas E., assignor.)
 Goodman Manufacturing Company. (See Wood, Robert J., assignor.)
 Gordon, Chester S., New York, N. Y., and J. T. Lowe, Newark, N. J., assignors to American Telephone and Telegraph Company. Carbon-monoxide detector. 1,644,014; Oct. 4.
 Gould, William G., Montreal, Quebec, Canada. Animated advertising device. 1,644,580; Oct. 4.
 Graham Glass Company, The. (See Miller, Frank R., assignor.)
 Grasselli Chemical Company, The. (See Howard, Henry, assignor.)
 Grasselli Dyestuff Corporation. (See Hentrich, W., and Hartmann, assignors.)
 Grasselli Dyestuff Corporation. (See Wagner, H., and Funke, assignors.)
 Gray, James H., New York, N. Y. Burner for liquid fuel. 1,644,372; Oct. 4.
 Greasometer Corporation, The. (See Brinton, William C., Jr., assignor.)
 Gregor, Ralph H., assignor to The Kinnear Manufacturing Company, Columbus, Ohio. Fire-resisting curtain. 1,644,646; Oct. 4.
 Green, Walter H., assignor, by mesne assignments, to General Zeolite Company, Chicago, Ill. Process and apparatus for utilizing zeolites. 1,644,469; Oct. 4.
 Greene, Ambrose E., Berkeley, Calif. Screen. 1,644,121; Oct. 4.

Greve, Edgar E., Bellevue, Pa. Tong support for earth-boring apparatus. 1,644,470; Oct. 4.
 Griffiths, Richard T., assignor to The Miller Rubber Company, Akron, Ohio. Manufacturing seamed hollow rubber articles. 1,644,122; Oct. 4.
 Grinditch, William H. (See Holland, W. E., and Grinditch.)
 Griswold, John L., Dodge Center, Minn. Wire-webbing anchoring device. 1,644,015; Oct. 4.
 Griswold, John W., Warren, Pa., assignor to Henry L. Doherty & Company, New York, N. Y. Method of and apparatus for controlling the combustion of fuel in furnaces. 1,644,123; Oct. 4.
 Groenebaum, Wilhelm, Neu-Babelsberg, near Berlin, Germany, assignor to the Firm Naamloze Vennootschap Financieele Maatschappij "Driebergen," Scheveningen, Netherlands. Record cylinder carrier of speech-recording or reproducing machines. 1,644,335; Oct. 4.
 Grondahl, Lars O., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway-traffic-controlling apparatus. 1,644,428; Oct. 4.
 Gruettner, Frank H., Buffalo, N. Y. Automatic fire-alarm signal. 1,644,124; Oct. 4.
 Guillemin-Tarayre, Jean, Villeneuve, France, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Load-brake equipment. 1,644,550; Oct. 4.
 Gunlocke, W. H., Chair Company, The. (See Gunlocke, W. H., and Pike, assignors.)
 Gunlocke, William H., Wayland, N. Y., and G. J. Pike, Grand Rapids, Mich., assignors to The W. H. Gunlocke Chair Company, Wayland, N. Y. Chair. 1,644,336; Oct. 4.
 Gunnell, Harold H. (See Miller, Ralph, assignor.)
 Gurisch, Hugo, M., Baltimore, Md. Corner construction for cabinets. 1,644,519; Oct. 4.
 Guyer, William J., assignor to King Pneumatic Tool Company, Chicago, Ill. Pneumatic tool. 1,644,581; Oct. 4.
 Hagerman, Thomas P., St. Louis, Mo. Motorist's service-recording device. 1,644,471; Oct. 4.
 Hagerman, Thomas P., St. Louis, Mo. Condenser. 1,644,520; Oct. 4.
 Hague, Joseph T., executor. (See Lamy, Edward J.)
 Hahn, Richard, Kew Gardens, N. Y. Earring. Des. 73,566; Oct. 4.
 Haight, Harry V., Seabrooke, Quebec, Canada, assignor to Ingersoll-Rand Company, Jersey City, N. J. Pneumatically-controlled rheostat. 1,644,016; Oct. 4.
 Hall, Alexander G., Highland Mills, N. Y. Reel lock for fish rods. 1,644,429; Oct. 4.
 Hallowell, Edward D. (See Hallowell, Hobart A. and E. D.)
 Hallowell, Hobart A., Woodlynne, and E. D. Hallowell, Audubon, N. J. Vented electric socket. 1,644,056; Oct. 4.
 Hamersley Manufacturing Company, The. (See Smith, Harold A., assignor.)
 Hamm, Archie W., Philadelphia, Pa. Wagon chute. 1,644,521; Oct. 4.
 Hammarlund Manufacturing Company, The. (See Scott, Beverly R., assignor.)
 Hand, Erle H., New Britain, Conn. Automatically recoiling height-measuring device. 1,643,985; Oct. 4.
 Harpood, Clarence H., Toledo, Ohio. Safety razor. 1,644,187; Oct. 4.
 Hardtmann, Max. (See Hentrich, W., and Hardtmann.)
 Hargrave, Fred M., Cedar Rapids, Iowa. Surface breaking and loosening machine. 1,644,582; Oct. 4.
 Hargrave, Fred M., Cedar Rapids, Iowa. Cutting mechanism. 1,644,583; Oct. 4.
 Harris, Charles J., assignor of one-half to C. M. Duncombe, Hartford, Mich. Pipe wrench. 1,644,522; Oct. 4.
 Harris, De Witt C., Pineland, Fla., assignor to Burgess Battery Company, Madison, Wis. Flash-light case. 1,644,125; Oct. 4.
 Harris, De Witt C., Pineland, Fla., assignor to Burgess Battery Company, Madison, Wis. Flash-light case. 1,644,126; Oct. 4.
 Harrison, John H., Stockton, Calif. Combined hinge and doorcheck. 1,644,249; Oct. 4.
 Hart, Bertram, Manchester, England. Manufacture of ferric sulphate. 1,644,250; Oct. 4.
 Hart, William F., assignor to The Verona Tool Works, Pittsburgh, Pa. Rail-fastening means. 1,644,373; Oct. 4.
 Hartley, Arthur J., Peoria, Ill. Power-driven conveyor. 1,643,986; Oct. 4.
 Hartmann, Carl, assignor of one-half to J. E. Anderson, San Francisco, Calif. Automatic valve. 1,644,127; Oct. 4.
 Hatch, Charles T., assignor to Union Steel Products Company, Albion, Mich. Poultry coop or crate. 1,644,472; Oct. 4.
 Hathaway, Harry D., Fall River, Mass. Driving end for looms. 1,644,374; Oct. 4.
 Hawes, Herbert E., Milwaukee, Wis. Parachute. 1,644,251; Oct. 4.
 Hawley, Charles G., assignor to Locomotive Firebox Company, Chicago, Ill. Tube connection. 1,644,188; Oct. 4.
 Haworth, John F., Edgeworth, Pa. Cable or wire clamp. 1,644,375; Oct. 4.
 Haworth, John F., Edgeworth, Pa. Cable or wire clamp. 1,644,376; Oct. 4.
 Hayes, Walter C. (See Bennett, Edward O., assignor.)

Headley, Frederick H., Northfield, near Birmingham, England. Perambulator. 1,644,473; Oct. 4.
 Heath, George B., St. Louis, Mo. Reflector. 1,644,128; Oct. 4.
 Hebb, John A., Hopwood, Pa. Mine-car braking mechanism. 1,644,474; Oct. 4.
 Heilbron, Jacob, assignor, by mesne assignments, to I. Goldring, Providence, R. I. Powder container. 1,644,377; Oct. 4.
 Heilbronner, Ralph L. (See Carlson, E. E., Costello, and Heilbronner.)
 Helm, Lewis R., Danbury, Conn., assignor, by mesne assignments, to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machine. 1,644,057; Oct. 4.
 Hein, George N., San Francisco, Calif. Hypodermic needle. 1,644,657; Oct. 4.
 Heltzel, John N., Warren, Ohio. Concrete form. 1,644,584; Oct. 4.
 Heltzel, John N., Warren, Ohio. Concrete form. 1,644,585; Oct. 4.
 Heltzel, John N., Warren, Ohio. Concrete form. 1,644,586; Oct. 4.
 Heltzel, John N., Warren, Ohio. Concrete form. 1,644,587; Oct. 4.
 Heltzel, John N., Warren, Ohio. Concrete form. 1,644,588; Oct. 4.
 Hendricks, Albert E., assignor to King Pneumatic Tool Company, Chicago, Ill. Throttle valve for pneumatic tools. 1,644,523; Oct. 4.
 Hendricks, Royal E., San Francisco, Calif. Electric scrubbing machine. 1,644,189; Oct. 4.
 Hendry, William F., Ossining, assignor, by mesne assignments, to National Carbon Company, Inc., New York, N. Y. Dry cell. 1,644,017; Oct. 4.
 Henke, Frederick, assignor, by mesne assignments, to A. H. Fox Gun Company, Philadelphia, Pa. Toy gun. 1,644,058; Oct. 4.
 Hennessey, Thomas B. (See Nelson, W. E., and Hennessey.)
 Heinrich, Winfrid, and M. Hardtmann, Wiesdorf, near Cologne-on-the-Rhine, Germany, assignors to Grasselli Dyestuff Corporation, New York, N. Y. Acid sulphuric acid ester compound of aromatic hydroxyalkylethers. 1,644,524; Oct. 4.
 Herbers, Hermann H. W., East Orange, N. J. Time-limit relay. 1,644,430; Oct. 4.
 Herman, Ethel, et al. (See Herman, Henry, assignor.)
 Herman, Henry, assignor of one-third to E. Herman, one-third to M. Genns, and one-third to H. Pordy, New York, N. Y. Button. 1,644,475; Oct. 4.
 Hermann, Wolfgang, assignor to Metal Specialties Manufacturing Company, Chicago, Ill. Ignition device. 1,644,190; Oct. 4.
 Heron, Robert P., deceased, Utica, N. Y.; J. Pickell, administrator. Liquid-measuring device. 1,644,589; Oct. 4.
 Herring-Hall-Marvin Safe Company. (See Millice, Paul S., assignor.)
 Hicks, William W. (See Kercher, A. J., and Hicks.)
 Hildebrand, Joel H. (See Yant, W. P., Sayers, and Hildebrand.)
 Hill, Albert E., Peoria, Ill. Folding table and bench. 1,643,947; Oct. 4.
 Hirschler, Horace L., San Francisco, Calif. Brake-operating mechanism. 1,644,378; Oct. 4.
 Hirtz, Isidore, New York, N. Y. Sandwich holder. Des. 73,567; Oct. 4.
 Hitchcock, Halbert K., Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company. Glass-polishing apparatus. 1,644,379; Oct. 4.
 Hobbs, Thomas M. (See Cross, Frank, assignor.)
 Hockley, Horace R., Slough, England, assignor to The National Pneumatic Company, New York, N. Y. Apparatus for operating and controlling the doors of tramway or like vehicles. 1,644,380; Oct. 4.
 Hoer, Frank J. (See Fefel, John E., assignor.)
 Holland, Walter E., and W. H. Grinditch, assignors to Philadelphia Storage Battery Company, Philadelphia, Pa. Storage battery. 1,644,590; Oct. 4.
 Hollander, Aladar, assignor to Byron Jackson Pump Mfg. Co., Berkeley, Calif. Multistage balanced pump. 1,644,129; Oct. 4.
 Hollander, Aladar, assignor to Byron Jackson Pump Mfg. Co., Berkeley, Calif. Vertical-shaft turbine. 1,644,130; Oct. 4.
 Holle, Joseph, Newark, N. J. Valve-actuating mechanism. 1,644,059; Oct. 4.
 Hoosier, Everett W., Brookline, Mass. Cloth-cutting machine. 1,644,391; Oct. 4.
 Hoover Company, The. (See Hoover, Howard E., assignor.)
 Hoover, Howard E., Glencoe, Ill., assignor, by mesne assignments, to The Hoover Company, North Canton, Ohio. Suction sweeper. Re16,763; Oct. 4.
 Hope, Edward, Oxford, England, assignor to F. W. Atack Kingston, Ontario, Canada. Manufacture of glass or glass-like objects. 1,644,131; Oct. 4.
 Hookins Spray Equipment Company. (See Tittmore, F. A., and Renwick, assignors.)
 Horihata, Kenji, White Plains, N. Y. Window cleaner. 1,644,642; Oct. 4.
 Horowitz, Julius, New York, N. Y., assignor to Eagle Lites, Inc. Lighting-fixture part or analogous article. Des. 73,568; Oct. 4.

Horowitz, Julius, New York, N. Y., assignor to Eagle Lites, Inc. Lighting-fixture backplate or analogous article. Des. 73,569; Oct. 4.
 Horsburgh, John H., Cleveland, Ohio. Identification mechanism. 1,644,132; Oct. 4.
 Hoskins, Ben D. W. (See Bridges, F., Firman, Tisdale, and Hoskins.)
 Housman, John S., assignor to Goodman Manufacturing Company, Chicago, Ill. Scraper. 1,644,252; Oct. 4.
 Howland, Henry, Flushing, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 1,644,060; Oct. 4.
 Howard, Alonzo, assignor of one-fifth to A. F. Burchard, Chicago, Ill. Ignition-controlling apparatus. 1,644,591; Oct. 4.
 Howard, Henry, assignor to The Grasselli Chemical Company, Cleveland, Ohio. Purifying cadmium. 1,644,431; Oct. 4.
 Howe, Harold, Orange, N. J. Folding table. 1,644,133; Oct. 4.
 Howland, Harry W., Seattle, Wash. Combination portable electric saw and drill. 1,644,432; Oct. 4.
 Howland, William L., Mason City, Iowa. Golf bag. 1,644,592; Oct. 4.
 Hoyler, Willard E., Buffalo, N. Y. Circuit-protecting system. 1,644,525; Oct. 4.
 Hoyler, Willard E., Buffalo, N. Y. Controlling switch. 1,644,526; Oct. 4.
 Hoyler, Willard E., Buffalo, N. Y. Circuit-protecting system. 1,644,527; Oct. 4.
 Hoyt, John C. (See Au, Carl H., assignor.)
 Hudson, Charles B., Akron, and H. C. Postwick, Kenmore, assignors to The Akron Standard Mold Company, Akron, Ohio. Vulcanizer. 1,644,433; Oct. 4.
 Huff, Floyd A., Mansfield, Ohio. Automobile seat. 1,644,528; Oct. 4.
 Hull, Matthew R., assignor to Rex Manufacturing Company, Connersville, Ind. Connector plate for vehicle doors. 1,644,018; Oct. 4.
 Hunter, Joseph H., assignor to Detroit Insulated Wire Company, Detroit, Mich. Nonstretchable cord. 1,644,529; Oct. 4.
 Huret, George, assignor to Societe Anonyme Jean Patou, Paris, France. Powder box. Des. 73,570; Oct. 4.
 Hutchins, George H. (See Fitz Gerard, C. H., and Hutchins.)
 Hydraulic Brake Company. (See Loughhead, Malcolm, assignor.)
 Hymans, Frederick, Philadelphia, Pa. Power transmission. 1,644,337; Oct. 4.
 I. G. Farbenindustrie Aktiengesellschaft. (See Müller, Wilhelm, assignor.)
 Ile, William, assignor to Reynolds Spring Company, Jackson, Mich. Three-way socket. 1,644,593; Oct. 4.
 In-A-Wall Safe Company. (See Belknap, Samuel L., assignor.)
 Ingersoll-Rand Company. (See Haight, Harry V., assignor.)
 Ingersoll-Rand Company. (See Mock, John F., assignor.)
 Ingersoll-Rand Company. (See Prellwitz, William, assignor.)
 Inland Steel Company. (See McIntosh, Robert L., assignor.)
 International Silver Company. (See Stark, Frederick W., assignor.)
 Interstate Folding Box Company, The. (See Bergstein, Samuel, assignor.)
 Irvin, Richard, Knoxville, Pa. Garage structure. 1,643,948; Oct. 4.
 Irvine, Charles, Toronto, Ontario, Canada. Starting crank for internal-combustion engines. 1,644,019; Oct. 4.
 Irving-Pitt Manufacturing Company. (See Rupf, Frank E., assignor.)
 Isaacson, Joseph T. (See Kellander, H. S., and Isaacson.)
 Jackson, Byron, Pump Mfg. Co. (See Hollander, Aladar, assignor.)
 Jackson & Church Co. (See Church, Edgar D., assignor.)
 Jackson Corset Company. (See Fleck, Christian H., assignor.)
 Jackson Vitrified China Company. (See Wilson, James H., assignor.)
 Jakobsson, G. Herman. (See Crook, Louis H., assignor.)
 Jelley, James J. (See Ledyard, H. A., and Jelley.)
 Jenkins, Charles F., Washington, D. C. Twin-blade transmitter. 1,644,382; Oct. 4.
 Jenkins, Charles F., Washington, D. C. Plural lens-disk analyzer. 1,644,383; Oct. 4.
 Johnson, Frank L., Akron, Ohio. Machine for redressing tenpins or the like. 1,644,530; Oct. 4.
 Johnson, Frank P., Danville, Pa. Carpet beater. 1,644,020; Oct. 4.
 Johnson, Gustav, West Roxbury, Mass., assignor, by mesne assignments, to The Baxley Manufacturing Company, Chicago, Ill. Dust cap for lubricating apparatus. 1,644,253; Oct. 4.
 Johnson, Harley M., River Rouge, Mich. Amplifier. 1,644,191; Oct. 4.
 Johnson, John A. (See Luckett, G. B., and Johnson.)
 Johnson, Lawrence et al., trustees. (See Rogers, Harry R., assignor.)
 Jones, Aaron R., assignor to Millville Manufacturing Company, Millville, N. J. Stop motion for looms. 1,644,647; Oct. 4.

Jones, Charles L., Pittsburgh, Pa. Discharging carbon dioxide. 1,644,338; Oct. 4.
 Jones, Floyd P., Torrance, Calif. Adjustable-beam hanger. 1,644,434; Oct. 4.
 Jones, John W., Smackover, Ark. Suspender buckle. 1,644,594; Oct. 4.
 Jones, Samuel. (See Neil, A., Jones, and Neil.)
 Jones, William, Los Angeles, Calif. Automatic-reverse-motion brake. 1,644,061; Oct. 4.
 Kaas, Ole, Ferndale, Wash. Carbide indicator for gas generators. 1,644,062; Oct. 4.
 Kalatzky, Irwin L., New York, N. Y. Stationary hub for vehicles. 1,644,339; Oct. 4.
 Kane, John P. (See Brown, J. B., and Kane.)
 Karg, Frank E., Cleveland, Ohio. Heating device. 1,644,595; Oct. 4.
 Karpinsky, Stephan, Sevres, and J. S. Anderson, St. Ouen, France. Manufacture of butter. 1,644,254; Oct. 4.
 Kast, Edward R., Pearl River, assignor, by mesne assignments, to Dexter Folder Company, New York, N. Y. Machine for assembling and stitching signatures. 1,644,192; Oct. 4.
 Keegan, Patrick, Fall River, assignor to Draper Corporation, Hopedale, Mass. Weft end clearer for weft replenishing looms. 1,644,048; Oct. 4.
 Kelnath, Georg, Berlin-Charlottenburg, assignor to Siemens and Halske Aktiengesellschaft, Berlin, Germany. Optical pyrometer. 1,644,340; Oct. 4.
 Kellander, Harold S., and J. T. Isaacson, Minneapolis, Minn. Hollow frame bar for doors, windows, and the like. 1,644,531; Oct. 4.
 Kelley, Victor H., Madison, Wis. Vending machine. 1,644,134; Oct. 4.
 Kelly Reamer Company, The. (See Marty, John M., jr., assignor.)
 Kelvinator Corporation. (See Taylor, Huston, assignor.)
 Kendall, Ira H., Potsdam, N. Y. Apparatus for cleansing milk cans and other receptacles. 1,644,384; Oct. 4.
 Kendall, Ira H., Potsdam, N. Y. Cleansing milk receptacles. 1,644,385; Oct. 4.
 Kendall, Ira H., Potsdam, N. Y. Apparatus for washing receptacles. 1,644,386; Oct. 4.
 Kennedy, John E. and M. A., Los Angeles, Calif. Visual deflation signal for tires. 1,644,193; Oct. 4.
 Kennedy, John J., New York, N. Y. Constructing underground tunnels. 1,644,476; Oct. 4.
 Kennedy, Michael A. (See Kennedy, John E. and M. A.)
 Kercher, Arthur J., Berkeley, and W. W. Hicks, San Francisco, Calif. Electrical heating device. 1,644,255; Oct. 4.
 King Pneumatic Tool Company. (See Guyer, William J., assignor.)
 King Pneumatic Tool Company. (See Hendricks, Albert E., assignor.)
 Kinnear Manufacturing Company, The. (See Greigor, Ralph H., assignor.)
 Kircher, Ralph N., assignor to West Bend Aluminum Company, West Bend, Wis. Supporting kettle balls. 1,644,063; Oct. 4.
 Kirke, Wallace B., Bronxville, N. Y. Reactor. 1,644,135; Oct. 4.
 Kirschbrunn, Lester, Chicago, Ill. Waterproof covering and making same. 1,644,652; Oct. 4.
 Klaus, Daniel, Golden Valley, N. Dak. Bolt. 1,644,477; Oct. 4.
 Knapp, Sydney H., Greytown, Wellington, assignor to S. J. Moran, Mastertown, New Zealand. Milking machine. 1,644,435; Oct. 4.
 Knight American Patents Company, The. (See Knight, Charles Y., assignor.)
 Knight, Charles Y., Pasadena, Calif., assignor to The Knight American Patents Company, Chicago, Ill. Mechanism for facilitating the starting of internal-combustion engines. Re16,767; Oct. 4.
 Knudsen, William S., assignor to General Motors Corporation, Detroit, Mich. Making poppet valves. 1,644,021; Oct. 4.
 Koenig, Joseph, Manitowoc, Wis. Hot-air motor. 1,644,256; Oct. 4.
 Kramer, Henry W., Kingston, assignor to Ralph P. Young, Marlboro, N. Y. Handle for wooden baskets. 1,644,478; Oct. 4.
 Krieger, Frederick A., Livingston, Mont. Agricultural machinery. 1,644,596; Oct. 4.
 Krive, James, St. Louis, Mo. Telephone latch. 1,644,194; Oct. 4.
 Kuroski, Alfred G. F., Brooklyn, assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,643,987; Oct. 4.
 Kyle, Colin, San Jose, Calif. Acoustic device. 1,644,387; Oct. 4.
 Kyle, George L., assignor to U. S. Light & Heat Corporation, Niagara Falls, N. Y. Testing batteries for leaks. 1,643,949; Oct. 4.
 La Choy Food Products, Inc. (See Peters, Lewis C., assignor.)
 Lamy, Edward J., deceased, Elizabeth, N. J.; J. T. Hague executor. Conveyor. 1,644,649; Oct. 4.
 Langen, Peter N. F., Valparaiso, Chile. Steam boiler. 1,644,064; Oct. 4.
 Lanquettin, Léon, assignor to Société Etablissements Duclouier, Paris, France. Electric apparatus serving as a dynamo or motor and as an engine starter. 1,644,065; Oct. 4.

Lansing, Raymond P., et al. (See Church, Harold D., assignor.)
 Lansing, Raymond P., et al. (See Marcus, Charles, assignor.)
 Larvex Corporation, The. (See Strliss, Jacob, assignor.)
 Lasker, Edward, Chicago, Ill. Breast pump. 1,644,257; Oct. 4.
 Lawlor, Joseph P., and J. I. Seay, Memphis, Tenn. Machine for making concrete blocks. 1,644,066; Oct. 4.
 Leathers, Ward. (See O'Neil, J. H., and Leathers.)
 Ledbetter, James C., Brooklyn, N. Y., assignor to The Thomas & Betts Co., Elizabeth, N. J. Cable connector. 1,644,294; Oct. 4.
 Ledbetter, James C., Brooklyn, N. Y., assignor to The Thomas & Betts Co., Elizabeth, N. J. Cable connector. 1,644,295; Oct. 4.
 Ledbetter, James C., Brooklyn, N. Y., assignor to The Thomas & Betts Co., Elizabeth, N. J. Cable connector. 1,644,300; Oct. 4.
 Ledbetter, James C., New York, N. Y., assignor to The Thomas & Betts Co., Elizabeth, N. J. Cable connector. 1,644,301; Oct. 4.
 Ledbetter, James C., New York, N. Y., assignor to The Thomas & Betts Co., Elizabeth, N. J. Cable connector. 1,644,302; Oct. 4.
 Ledbetter, James C., New York, N. Y., assignor to The Thomas & Betts Co., Elizabeth, N. J. Cable connector. 1,644,306; Oct. 4.
 Ledbetter, James C., New York, N. Y., assignor to The Thomas & Betts Co., Elizabeth, N. J. Cable connector. 1,644,307; Oct. 4.
 Ledyard, Harry A. and J. J. Jelley, Ashland, Ohio, said Jelley assignor to said Ledyard. Septic tank. 1,644,532; Oct. 4.
 Leo, Albert, Chicago, Ill. Food composition. 1,643,951; Oct. 4.
 Leo, Albert, Chicago, Ill., and H. T. Leo, Corona, Calif. Food composition. 1,643,950; Oct. 4.
 Leo, Herbert T. (See Leo, Albert, and H. T.)
 Lerro, Angelo R., Philadelphia, Pa. Gunlock. 1,643,952; Oct. 4.
 Leschman, William, assignor to Chicago Electric Manufacturing Co., Chicago, Ill. Switching socket. 1,644,479; Oct. 4.
 Levy, Edward J., assignor to The Bishop & Babcock Manufacturing Company, Cleveland, Ohio. Thermostat. 1,644,533; Oct. 4.
 Levy, Isaac, Brooklyn, N. Y. Chandelier or article of similar nature. Des. 73,571; Oct. 4.
 Levy, Isaac, Brooklyn, N. Y. Lighting fixture back plate or analogous article. Des. 73,572; Oct. 4.
 Lichtenstein, Edmund, assignor to the firm: Deutsche Maschinenbau- und Vertriebs-Gesellschaft m. b. H., Berlin, Germany. Flexible printing sheet. 1,644,597; Oct. 4.
 Lindgren, Hans O., Stockholm, Sweden, assignor, by mesne assignments, to The De Laval Separator Company, New York, N. Y. Apparatus for cleaning bowls of centrifugal separators. 1,644,388; Oct. 4.
 Linebarger, Charles E., Chicago, Ill. Oil cup. 1,644,136; Oct. 4.
 Linebarger, Charles E., Chicago, Ill. Oil cup. 1,644,137; Oct. 4.
 Linebarger, Charles E., Chicago, Ill. Oil cup. 1,644,138; Oct. 4.
 Lloyd, Marshall B., Menominee, Mich. Producing wooden articles. 1,644,195; Oct. 4.
 Locke, Arthur, Tacoma, Wash. Drain-pipe cleaner. 1,644,436; Oct. 4.
 Locomotive Firebox Company. (See Hawley, Charles G., assignor.)
 Loepsinger, Albert J., assignor to General Fire Extinguisher Company, Providence, R. I. Dry-pipe-sprinkler system. 1,644,534; Oct. 4.
 Loftquist, Bror M., Fitchburg, Mass. Die sinker's vise. 1,644,437; Oct. 4.
 Longfellow, Dwight W., assignor to Elk River Concrete Products Company, Elk River, Minn. Reinforced concrete pipe. 1,644,196; Oct. 4.
 Loughhead, Malcolm, Detroit, Mich., assignor, by mesne assignments, to Hydraulic Brake Company, Los Angeles, Calif. Braking apparatus. Re16,761; Oct. 4.
 Lowe, James T. (See Gordon, C. S., and Lowe.)
 Lowry, George, Roseville, Ohio. Flowerpot die. 1,644,341; Oct. 4.
 Luckett, Geo. B., and J. A. Johnson, Crawfordville, Ind. Refractory material suitable for coverings and forming same. 1,643,988; Oct. 4.
 Luxite Silk Products Co. (See Carlson, E. E., Costello, and Heilbronner, assignors.)
 Lynch, Geo. E., Los Angeles, Calif. Safety device for motor cars. 1,643,989; Oct. 4.
 Lyon, Joseph F., Fort Scott, Kans. Propelling device. 1,644,259; Oct. 4.
 Lyons, Edward, assignor to Parke, Davis & Co., Detroit, Mich. Thiolglycolic-acid compound. 1,644,258; Oct. 4.
 Mabey, William R., Newark, N. J. Central package wrapping station. 1,644,342; Oct. 4.
 MacIndoe, John F., Philadelphia, Pa. Pressure lubricator. 1,644,343; Oct. 4.
 Macy, R. H., & Co. (See Timpson, Thomas W., assignor.)
 Madison, John H., assignor of one-half to R. Frick, Burlington, Iowa. Brake shoe. 1,644,598; Oct. 4.
 Maier, Amella. (See Remmele, Louis J., assignor.)

Malkin, Abraham, Detroit, Mich. Coin-controlled machine. 1,644,067; Oct. 4.
 Malmquist, Adolph K., South Bellingham, Wash., assignor, by mesne assignments, to Thermo-Ket Corporation, New York, N. Y. Canning apparatus. 1,643,990; Oct. 4.
 Malouf, Jubert G., La Salle, N. Y. Lock. 1,644,022; Oct. 4.
 Mann, George, & Company. (See Wright, Fred W., assignor.)
 Manning, Margia. (See Metzger, C. E., and Manning.)
 Marcum, Arthur I., Oakland, Calif., assignor to E. Winship, Macon, Ga. Drive mechanism for multiwheelers. 1,644,023; Oct. 4.
 Marcus, Charles, et al. (See Church, Harold D., assignor.)
 Marcus, Charles, New York, N. Y., assignor of one-third to R. P. Lansing, Montclair, N. J., and one-third to H. D. Church, Fairfield, Conn. Shock absorber for vehicles. 1,644,438; Oct. 4.
 Markman, John, Forrester, Ill. Automatic weighing machine. 1,644,260; Oct. 4.
 Marles, Henry, assignor to Gemmer Manufacturing Company, Detroit, Mich. Engine-control mechanism. 1,644,261; Oct. 4.
 Marquette Tool & Manufacturing Co. (See Rode, Friedrich J., assignor.)
 Marsden, John E., Philadelphia, Pa. Electric sashiron. 1,644,139; Oct. 4.
 Martin, Herman F., Sulphur, Okla. Valve-spring lifter. 1,644,070; Oct. 4.
 Martin, Lucian T., et al., trustees. (See Rogers, Harry R., assignor.)
 Martin, Mark H., Baltimore, Md., assignor to The Symington Company, New York, N. Y. Side frame. 1,644,071; Oct. 4.
 Martins, Martin L., Woodbury, and E. H. Becker, Waterbury, Conn. Primary cell. 1,644,344; Oct. 4.
 Martus, Martin L., Woodbury, and E. H. Becker, Waterbury, Conn. Primary cell and making the same. 1,644,389; Oct. 4.
 Marty, John M., Jr., assignor to The Kelly Reamer Company, Cleveland, Ohio. Boring bar. 1,644,197; Oct. 4.
 Marvel Carburetor Company. (See Redmond, Albert G., assignor.)
 Mason, Roger, Westfield, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Gumm-tape-afixing device. 1,644,262; Oct. 4.
 Mayer, Emil M., Cincinnati, Ohio. Child's vehicle. 1,644,535; Oct. 4.
 Maynard, Frederick F. (See Fitz Gerald, M. E. W., and Maynard.)
 McArdle, Michael W., Chicago, Ill. Vibrating cutter for sheep shears and the like. 1,644,140; Oct. 4.
 McArdle, Michael W., Chicago, Ill. Vibrating cutter for sheep shears. 1,644,141; Oct. 4.
 McBride, David A., Elgin, Ill. Lawn-grooving machine. 1,644,068; Oct. 4.
 McConway & Torley Company, The. (See George, Enoch, Jr., assignor.)
 McCullough, William T., assignor to Goodman Manufacturing Company, Chicago, Ill. Mining machine. 1,644,345; Oct. 4.
 McCurdy, Ralph G., Englewood, N. J., assignor to American Telephone and Telegraph Company. Lighting circuit. 1,644,024; Oct. 4.
 McDearmon, George W., New Orleans, La. Building block. 1,644,599; Oct. 4.
 McDonald, Eugene G., South Bend, Ind., assignor to Bendix Brake Company, Chicago, Ill. Brake-operating mechanism. 1,644,480; Oct. 4.
 McDonald, M. J., Estate. (See Royer, R., and Sognis, assignors.)
 McGregor, Gordon A., Stawell, Victoria, Australia. Wheel grip of farm tractors and other agricultural machinery. 1,644,536; Oct. 4.
 McIntosh, Robert L., Indiana Harbor, Ind., assignor to Inland Steel Company, Chicago, Ill. Heater for rolls. 1,644,069; Oct. 4.
 McMillan, Claude R. (See Cain, E. R., and McMillan.)
 McMurtre, Adnah, New York, N. Y., assignor to The Thomas & Betts Co., Elizabeth, N. J. Cable connector. 1,644,299; Oct. 4.
 Meacham, Presley W., Monroe, Ark. Harvesting machine. 1,644,537; Oct. 4.
 Metal Specialties Manufacturing Company. (See Hermann, Wolfgang, assignor.)
 Metal & Thermit Corporation. (See Schultz, Hermann, assignor.)
 Metzger, Claude W., and M. Manning, Houston, Tex. Drill bit. 1,644,142; Oct. 4.
 Michigan Smelting & Refining Company. (See Noble, Benjamin, assignor.)
 Mignogne, Francesco, Greensburg, Pa. Automatic train-stopping device. 1,644,346; Oct. 4.
 Milette, William J., Winnipeg, Manitoba, Canada. File clip. 1,644,198; Oct. 4.
 Miller, Albert L., et al., trustees. (See Rogers, Harry R., assignor.)
 Miller, Anthony P. (See Ferry, J. V., and Miller.)
 Miller, Arthur E., Sacramento, Calif. Signal switch. 1,644,538; Oct. 4.
 Miller, Charles F. (See Osborne, R., and Miller.)
 Miller, Frank R., assignor to The Graham Glass Company, Evansville, Ind. Bottle. Des. 73,573; Oct. 4.

Miller, Frederick V., and F. M. Crawford, assignors to Rex Manufacturing Company, Connersville, Ind. Auto top. 1,644,025; Oct. 4.
 Miller, Max P. (See Cashin, W. D., and Miller.)
 Miller, Ralph, assignor to H. H. Gunnell, Los Angeles, Calif. Spray attachment for hose nozzles. 1,644,072; Oct. 4.
 Miller Rubber Company, The. (See Griffiths, Richard T., assignor.)
 Miller, William, Portland, Oreg. Dental floss holder. 1,644,390; Oct. 4.
 Millice, Paul S., Hamilton, Ohio, assignor to Herring-Hall-Marvin Safe Company, New York, N. Y. Combination-lock mechanism. 1,644,650; Oct. 4.
 Millville Manufacturing Company. (See Jones, Aaron R., assignor.)
 Minto, Fred, Edmonton, Alberta, Canada. Coin receptacle. 1,644,539; Oct. 4.
 Mitchell, William A., Denison, Tex. Friction draft gear. 1,644,391; Oct. 4.
 Mock, John F., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Centralizer for drill steels. 1,644,026; Oct. 4.
 Moelling, Ralph E., Clayton, Ill. Poultry-feed trough. 1,644,263; Oct. 4.
 Moore, Ambrose C., assignor to Chicago Railway Equipment Company, Chicago, Ill. Connecting-rod safety loop. 1,644,481; Oct. 4.
 Moore, Chas. A., St. Paul, Minn. Refrigerating appliance. 1,644,073; Oct. 4.
 Moore, Frank J., North Tonawanda, N. Y. Wall board and forming the same. 1,644,199; Oct. 4.
 Moore, John S., Springfield, Mo. Signal box. Des. 73,574; Oct. 4.
 Moran, Stanislaus J. (See Knapp, Sydney H., assignor.)
 Morgan, Edwin G., Flushing, N. Y. Electric screw-driving guide. 1,644,074; Oct. 4.
 Morgan, John I., Farmville, N. C. Mattress. 1,644,600; Oct. 4.
 Morse, Raymond P., Scarsdale, N. Y., assignor to Cantilever Corporation. Shoe-fitting device. 1,644,075; Oct. 4.
 Motor Industries, Inc. (See White, D'Orsay M., assignor.)
 Mott, Darwin. (See Blanchard, E. H., and Mott.)
 Muller, Paul F. W., Hoboken, N. J. Perfume dispenser. 1,644,482; Oct. 4.
 Müller, Wilhelm, Bitterfeld, assignor to the Firm I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Method and agent for drying gases. 1,644,439; Oct. 4.
 Murn, Basil J., Foley, Minn. Steering coupling for trailers. 1,644,264; Oct. 4.
 Murphy, P. H., Company. (See Bonsall, Charles D., assignor.)
 Murphy, P. H., Company. (See Murphy, Walter P., assignor.)
 Murphy, Walter P., New York, N. Y., assignor to P. H. Murphy Company, New Kensington, Pa. Car roof. 1,643,991; Oct. 4.
 Myers, Eugene V., East Orange, N. J. Golf club. 1,644,392; Oct. 4.
 Myers, George W., Philadelphia, Pa. Ratchet-wrench outfit. 1,644,347; Oct. 4.
 Naamloze Vennootschap Financieele Maatschappij "Driebergen." (See Groenebaum, Wilhelm, assignor.)
 Naef, M., & Co. (See Ruzicka, Leopold, assignor.)
 Nagler, Floyd A., Iowa City, Iowa. Flow-increasing attachment for culverts. 1,643,953; Oct. 4.
 Nathan, Benjamin, New York, N. Y. Textile fabric. Des. 73,575; Oct. 4.
 National Aniline & Chemical Company. (See Field, Crosby, assignor.)
 National Aniline & Chemical Company. (See Nelson, R. A., and Prasil, assignors.)
 National Aniline & Chemical Company. (See Rogers, Donald G., assignor.)
 National Carbon Company. (See Hendry, William F., assignor.)
 National Cash Register Company, The. (See Block, Abraham, assignor.)
 National Marking Machine Company, The. (See Osborne, R., and Miller, assignors.)
 National Pneumatic Company, The. (See Hockley, Horace R., assignor.)
 Neal, William P., Louisville, Ky. Costumer. Des. 73,576; Oct. 4.
 Nell, Alexander, S. Jones, and D. Neil, Barry Dock, Wales. Spragging device for colliery trams or other vehicles. 1,644,076; Oct. 4.
 Nell, David. (See Nell, A., Jones, and Nell.)
 Nelson, Nels J. (See Rettedal, O., and Nelson.)
 Nelson, Ralph A., and A. Prasil, Buffalo, assignors to National Aniline & Chemical Company, Inc., New York, N. Y. Reduction of nitro compounds. 1,644,483; Oct. 4.
 Nelson, Ralph A., and A. Prasil, Buffalo, assignors to National Aniline & Chemical Company, Inc., New York, N. Y. Reduction of nitro compounds. 1,644,484; Oct. 4.
 Nelson, William E., and T. B. Hennessey, said Hennessey assignor to said Nelson, Minneapolis, Minn. Insulating and plaster-holding wall and ceiling covering. Re16,753; Oct. 4.

Nesbitt, Orville W., Chicago, Ill. Antiskid device for motor-vehicle wheels. 1,644,077; Oct. 4.
 New Departure Manufacturing Company, The. (See Delaval-Crow, Thomas C., assignor.)
 New York Brick Handling Corporation. (See Wallace, William W., assignor.)
 Nicholson, Stanley W., assignor to The Dura Company, Toledo, Ohio. Window-control mechanism. 1,644,485; Oct. 4.
 Nickel, Albert P., Hans Gerd, Charlottenburg, and J. J. Spanner, Berlin, Germany. Vacuum discharge tube. 1,644,601; Oct. 4.
 Noack, William A., Oakland, Calif., assignor to Concealo Fixture Company, Inc. Table-leaf hinge. 1,644,440; Oct. 4.
 Noble, Benjamin, assignor, by mesne assignments, to Michigan Smelting & Refining Company, Detroit, Mich. Safety valve. 1,644,265; Oct. 4.
 Noel, Frank C., Roanoke, Va., assignor, by mesne assignments, to The Texas Company, Houston, Tex. Spraying apparatus. 1,644,486; Oct. 4.
 Noke, Charles J., Stoke-on-Trent, England, assignor to William S. Pitcairn Corporation, New York, N. Y. Plate or similar article. Des. 73,577; Oct. 4.
 Nonneman, Ira W., assignor to The Borden Company, Warren, Ohio. Diastock. 1,644,143; Oct. 4.
 Obermayer, S., Company. (See Balnter, Milford, assignor.)
 O'Brien, Frank, assignor of one-half to H. G. Best, Canton, Ohio. Arm rest. 1,644,441; Oct. 4.
 Oelkers, Alfred H., assignor to American Steel Foundries, Chicago, Ill. Draft gear. 1,644,058; Oct. 4.
 Off, Edward P., Philadelphia, Pa., assignor to The Dentists' Supply Company. Artificial teeth. 1,643,992; Oct. 4.
 Ohio Foundry and Manufacturing Co., The. (See Sharp, William L., assignor.)
 Oliver, Hosea N., Hartsville, Mo. Seed planter. 1,644,602; Oct. 4.
 O'Neill, James P., Queens Village, N. Y. Fire-prevention apparatus. 1,644,603; Oct. 4.
 O'Neill, John H., Springfield, Mo. Bouncing doll. 1,644,027; Oct. 4.
 O'Neill, John H., Springfield, Mo., and W. Leathers, Hawthorn, N. J. Continuous-water-tube flash-type steam generator. 1,644,078; Oct. 4.
 O'Neill, William J., assignor to Chicago Tool & Kit Mfg. Co., Chicago, Ill. Ratchet wrench. 1,644,079; Oct. 4.
 Orne, Freeman, Dubuque, Iowa. Antenna construction. 1,644,266; Oct. 4.
 Osborne, Raymond, and C. F. Miller, assignors to The National Marking Machine Company, Cincinnati, Ohio. Type-wheel-aligning device for marking machines. 1,644,144; Oct. 4.
 Ostman, John W., Minneapolis, Minn. Tool spindle for wood shapers. 1,644,142; Oct. 4.
 Ostro Products Corporation of America. (See Ostromislensky, Iwan, assignor.)
 Ostromislensky, Iwan, Locust Point, assignor to Ostro Products Corporation of America, Jersey City, N. J. Medical preparation containing arsenic and making the same. 1,644,348; Oct. 4.
 Ostwald, Walter, assignor to Benzol-Verband Gesellschaft mit beschränkter Haftung, Bochum, Germany. Alcohol, alcohol-containing mixtures, and similar liquids. 1,644,267; Oct. 4.
 Ott, Albert J., and C. L., assignors to American Grinder Company, Detroit, Mich. Indexing mechanism. 1,644,540; Oct. 4.
 Ott, Conrad L. (See Ott, Albert J. and C. L.)
 Ovenshire, Charles E., et al. (See Ovenshire, Hattie R., assignor.)
 Ovenshire, Hattie R., assignor of one-third to C. E. Ovenshire and one-third to D. Dee, Minneapolis, Minn. Garment supporter. 1,644,200; Oct. 4.
 Owen, Frederick C., Fayetteville, N. C. Transformer for electric arc cutting and welding apparatus. 1,644,604; Oct. 4.
 Owen, Harry L., Okmulgee, Okla. Variable counterweight for pumping apparatus. 1,644,393; Oct. 4.
 Owen, Vaux, Atlanta, Ga. Fastener. 1,644,541; Oct. 4.
 Owen, William, Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company. Apparatus for making reinforced glass tile. 1,644,349; Oct. 4.
 P & M Company, The. (See Cook, Adoniram J., assignor.)
 P & M Company, The. (See Warr, Harold G., assignor.)
 Packer, Glenn W., assignor to Goodman Manufacturing Company, Chicago, Ill. Trolley support. 1,644,268; Oct. 4.
 Packer, Glenn W., assignor to Goodman Manufacturing Company, Chicago, Ill. Scraper. 1,644,269; Oct. 4.
 Pallas, John, Jr., Thurston, Nebr. Combined hog leader and crate. 1,644,201; Oct. 4.
 Palmer, Harry B., Mcndham, N. J. Process and apparatus for concentrating active deposit. 1,644,350; Oct. 4.
 Paoe, Vincenzo, Utica, N. Y. Radiator. 1,644,270; Oct. 4.
 Pappert, Emanuel, New York, N. Y. Spectacle frame. Des. 73,578; Oct. 4.
 Parke, Davis & Co. (See Lyons, Edward, assignor.)
 Parker, Charles R., assignor to Wirt & Knox Mfg. Co., Philadelphia, Pa. Hose reel. 1,643,993; Oct. 4.
 Parkhurst, Charles E. (See Bridge, W. G., and Pervier, assignors.)

Parks, Paul B., Oak Park, assignor to Vapor Car Heating Company, Inc., Chicago, Ill. Thermally-operated circuit breaker. 1,644,443; Oct. 4.
 Parsons, Philip D., Philadelphia, Pa., assignor to Scott Paper Company. Cut-off sawing machine. 1,643,994; Oct. 4.
 Pass & Seymour, Inc. (See Russell, Mark N., assignor.)
 Paul, William L., Berkeley, Calif., assignor to Deere and Company, Moline, Ill. Cultivator. 1,644,080; Oct. 4.
 Pavcek, Jerry, Polar, Wis. Sound amplifier for radio and telephone reception. 1,644,605; Oct. 4.
 Payne, Robert D., et al. (See Underwood, Walter O., assignor.)
 Pense, John A., Syracuse, N. Y. Bottle closure. 1,644,542; Oct. 4.
 Pehrson, Alfred K., Bellevue, and K. O. Winell, assignors to Pressed Steel Car Company, Pittsburgh, Pa. Articulated car. 1,644,394; Oct. 4.
 Pellegrino, Vincenzo, Rye, N. Y. Electrician's pliers. 1,644,351; Oct. 4.
 Pelphrey, Samuel E., French, N. Mex. Device for managing and lubricating the human system. 1,644,606; Oct. 4.
 Pennsylvania Pump & Compressor Company. (See Raymond, Ward, assignor.)
 Perea, Albino. (See Eggmann, A., and Perea.)
 Perez, Jose A., Central Francisco, Francisco, Cuba. Intermediate bagasse carrier for cane-sugar mills. 1,644,607; Oct. 4.
 Perez, Jose A., Central Francisco, Francisco, Cuba. Intermediate bagasse chute for cane-sugar mills. 1,644,608; Oct. 4.
 Perkins, Chester A., South Bend, Ind. Collapsible tube holder. 1,644,145; Oct. 4.
 Perrin, Edwin P., Maple Creek, Saskatchewan, Canada. Combination tool. 1,644,352; Oct. 4.
 Person, Axel, assignor to Harvey Clap Co., Attleboro, Mass. Bracelet construction. 1,644,487; Oct. 4.
 Pervier, William A. (See Bridge, W. G., and Pervier.)
 Peters, Ernest K., Fresno, Calif. Lining for dental plates and preparing the same. Re16,754; Oct. 4.
 Peters, Lewis C., Highland Park, Mich., assignor to La Choy Food Products, Inc. Sprout-washing machine. 1,644,488; Oct. 4.
 Petersen, Henry, Mount Auburn, Iowa. Cultivator. 1,644,271; Oct. 4.
 Petersen, Leslie T., Denison, Iowa. Barn batten. 1,644,028; Oct. 4.
 Peterson, Ole, Cleveland, Ohio. Stitch-picking device. 1,644,444; Oct. 4.
 Philadelphia Storage Battery Company. (See Holland, W. E., and Grinditch, assignors.)
 Phoenix Hosiery Company. (See Fitzgibbon, John E., assignor.)
 Pickell, Joseph, administrator. (See Heron, Robert P.)
 Pierce, Earl F., assignor to The Bassick Manufacturing Company, Chicago, Ill. Lubricating system. 1,644,202; Oct. 4.
 Pike, George J. (See Gunlocke, W. H., and Pike.)
 Pike, Robert D., San Francisco, Calif. Manufacturing oil gas. 1,644,146; Oct. 4.
 Pinard, Antoine B., San Jose, Calif. Mute. 1,644,272; Oct. 4.
 Piper, Walter E., Sudbury, Mass. Overshoe pattern. 1,643,995; Oct. 4.
 Pitcairn, William S., Corporation. (See Noke, Charles J., assignor.)
 Pitman, Andrew C., assignor of one-fourth to W. R. Bassick, Torrington, Conn. Stuffing box. 1,644,489; Oct. 4.
 Pittsburgh Plate Glass Company. (See Hitchcock, Halbert K., assignor.)
 Pittsburgh Plate Glass Company. (See Owen, William, assignor.)
 Pittsburgh Plate Glass Company. (See Showers, Lee, assignor.)
 Platt, Clarence D., Bridgeport, Conn. Electric-switch member. Des. 73,579; Oct. 4.
 Pneumatic Appliances Corporation. (See Welland, Alfred, assignor.)
 Pohlmann, Bruno G., assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Transmission system. 1,644,395; Oct. 4.
 Pointer, Henry V., assignor to Universal Veneer Products Company, San Francisco, Calif. Producing boxes or shipping cases for multiply veneered panels. 1,644,203; Oct. 4.
 Poole, Clarence F., Evanston, assignor to Goodman Manufacturing Company, Chicago, Ill. Draft-operated scraper. 1,644,273; Oct. 4.
 Poole, Clarence F., Evanston, assignor to Goodman Manufacturing Company, Chicago, Ill. Draft-operated scraper. 1,644,274; Oct. 4.
 Pope, James B., San Francisco, Calif. Differential axle for railroad cars. 1,644,147; Oct. 4.
 Pordy, Harry, et al. (See Herman, Henry, assignor.)
 Porsche, Ferdinand, Stuttgart-Unterturkheim, assignor, by mesne assignments, to Daimler-Benz Aktiengesellschaft, Berlin, Germany. Carburetor for supercharging internal-combustion engines. 1,644,029; Oct. 4.
 Post, Van Z., New York, N. Y. Rotary internal-combustion engine. 1,644,490; Oct. 4.
 Präzisions-Fabrik Gebr. Eckert. (See Eckert, Otto, assignor.)

Prall, James P., Woodbridge, N. J. Nonpneumatic-tire filler. 1,644,609; Oct. 4.
 Prasil, Anton. (See Nelson, R. A., and Prasil.)
 Pratt, Henry B., Antrim, N. H. Sluice-gate construction. 1,644,445; Oct. 4.
 Pray, Thomas E., assignor to Goodman Manufacturing Company, Chicago, Ill. Material-gathering machine. 1,644,204; Oct. 4.
 Preble, James J., Newton, Mass. Tool or apparatus for applying coating. 1,644,081; Oct. 4.
 Preble, James J., Newton, assignor to Spray Engineering Company, Boston, Mass. Filter-cell washing machine. 1,644,082; Oct. 4.
 Prellwitz, William, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Handle for rock drills. 1,644,030; Oct. 4.
 Prentice, John A., San Francisco, Calif. Defensive and offensive projector composition. 1,643,954; Oct. 4.
 Pressed Steel Car Company. (See Peterson, A. K., and Winell, assignors.)
 Priem, Paul, Heidenheim-on-the-Brenz, Germany. Apparatus for feeding continuous woodworking grinders. 1,644,148; Oct. 4.
 Pulliam, William Z., Inglewood, Calif. Centrifugal spreader. 1,644,031; Oct. 4.
 Q & C Company. (See Zimmerman, Emil C., assignor.)
 Radlawski, Stanley, Ward, W. Va. Window-fastening device. 1,644,354; Oct. 4.
 Radolsky, Joseph, New York, N. Y. Safety-boiling vessel. 1,644,353; Oct. 4.
 Rabe, William, Cincinnati, Ohio. Automobile bumper. 1,644,032; Oct. 4.
 Rand, James H., North Tonawanda, assignor, by mesne assignments, to Remington Rand Inc., Tonawanda, N. Y. Typewriter attachment. 1,643,997; Oct. 4.
 Rank, Henry W. (See Rank, John and H. W.)
 Rank, John and H. W., Minneapolis, Minn. Traffic signal. 1,643,953; Oct. 4.
 Rapp, Bernhard, Darmstadt, Germany. Shadow-producing agent and making the same. 1,644,446; Oct. 4.
 Rathbun, Edward H., Middleburg, Mass. Printer's composing stick. 1,644,033; Oct. 4.
 Ratyca, Harry, New York, N. Y. Pressure lubricator. 1,643,959; Oct. 4.
 Rawolle, Frederick C., Salem, Conn. Decolorizing, treating, and dissolving shellac for bleaching purposes. 1,644,491; Oct. 4.
 Rawolle, Frederick C., Salem, Conn. Centrifugal settling machine. 1,644,492; Oct. 4.
 Rawson, Grant I., assignor, by mesne assignments, to Diamond Power Specialty Corporation, Detroit, Mich. Boiler cleaner. 1,644,275; Oct. 4.
 Raymond, Ward, assignor to Pennsylvania Pump & Compressor Company, Easton, Pa. Cooling-water-controlling means for compressors. 1,643,996; Oct. 4.
 Reach, William F., Springfield, Mass., assignor to A. G. Spaulding & Bros., New York, N. Y. Golf-club shaft. 1,644,083; Oct. 4.
 Red Sun Products Co. (See Goldman, Sigmund L., assignor.)
 Redfield, John H., Denver, Colo. Rear sight for rides. 1,644,149; Oct. 4.
 Redmond, Albert G., Indianapolis, Ind., assignor to Marvel Carburetor Company, Flint, Mich. Charge-heating control for internal-combustion engines. 1,643,957; Oct. 4.
 Reichhelm, George L., assignor to The Gasifier Company, Elizabeth, N. J. Burner. 1,644,610; Oct. 4.
 Reiffert, Wilhelm, Cologne Viagst, Germany, assignor to Dr. H. Dux Company, Inc., Jacksonville, Fla. Rail bearing. 1,644,611; Oct. 4.
 Reiland, Ernest S. and P. M., assignors to H. L. Fischer, St. Paul, Minn. Sash-weight pulley. 1,644,276; Oct. 4.
 Reiland, Peter M. (See Reiland, Ernest S. and P. M.)
 Reinke, Eugene A., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Designation device. 1,644,084; Oct. 4.
 Remington Accounting Machine Corporation. (See Barr, John H., assignor.)
 Remington Rand Inc. (See Rand, James H., assignor.)
 Remmele, Louis J., assignor of one-half to A. Maler, Newark, N. J. Reed-bonding and tuft-forming apparatus. 1,644,355; Oct. 4.
 Renwick, Charles S. (See Tittmore, F. A., and Renwick.)
 Rettedal, Olaf, and N. J. Nelson, Minneapolis, Minn. Ellipsograph. 1,644,205; Oct. 4.
 Reutter, Philip A., assignor to Scovill Manufacturing Company, Waterbury, Conn. Combined refill and puff holder. 1,644,085; Oct. 4.
 Rex Manufacturing Company. (See Hull, Matthew R., assignor.)
 Rex Manufacturing Company. (See Miller, F. V., and Crawford, assignors.)
 Reynolds Spring Company. (See He, William, assignor.)
 Reynolds, Thomas G., Toronto, Ontario, Canada. Information tag case. 1,644,150; Oct. 4.
 Richmond, Robert Y., Paisley, Scotland. Machine for casting dental parts and the like. 1,644,543; Oct. 4.
 Rinze, John C., Stratford, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Feeding mechanism for sewing machines. 1,644,544; Oct. 4.
 Ringler, William A., Philadelphia, Pa. Loose-leaf binder for memorandum books and similar devices. 1,644,034; Oct. 4.

Roark, Robert H., Waco, Tex. Ice-scoring machine. 1,644,396; Oct. 4.
 Roberts, John, Greenwich, Conn. Detachable finger bowl. 1,644,612; Oct. 4.
 Roberts, Uriah, Berryville, Ark. Advertising sign. Des. 73,580; Oct. 4.
 Robertson, Harry C., Seattle, Wash. Power-operated window-cleaning device. 1,644,545; Oct. 4.
 Robinson, Clarence R., South Orange, N. J., assignor to Robinson Fibre Corporation, Wilmington, Del. Treatment of paper pulp. 1,644,447; Oct. 4.
 Robinson Fibre Corporation. (See Robinson, Clarence R., assignor.)
 Robinson, Henry, Lyndhurst, N. Y. Vegetable-paring machine. 1,644,448; Oct. 4.
 Rodic, Ivan, New York, N. Y. Building wall and block construction. 1,644,035; Oct. 4.
 Rodanet, Charles H. H., Versailles, assignor to Société Anonyme Etablissements Ed. Jaeger, Paris, France. Lamp for instrument boards of motor vehicles. 1,644,277; Oct. 4.
 Rode, Frederick J., assignor to Marquette Tool & Manufacturing Co., Chicago, Ill. Die cushion. 1,644,086; Oct. 4.
 Rodgers, Claude M., Portage Township, St. Joseph County, Ind., assignor to South Bend Bait Co. Artificial bait. 1,644,151; Oct. 4.
 Rodriguez, Celso J., Wells, Minn. Cultivating implement. 1,644,449; Oct. 4.
 Rogers, Donald G., Buffalo, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Effecting caustic fusions. 1,644,493; Oct. 4.
 Rogers, Donald G., Buffalo, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Manufacture of 2-aminoanthraquinone. 1,644,494; Oct. 4.
 Rogers, Fred B., et al., trustees. (See Rogers, Harry R., assignor.)
 Rogers, Harry R., et al., trustees. (See Rogers, Harry R., assignor.)
 Rogers, Harry R., assignor to H. R. and F. B. Rogers and W. A. Sharpe, Denver, Colo.; L. T. Martin, Kansas City, Mo.; A. L. Miller, L. Johnson, and L. A. Galbreath, trustees of the Consolidated Producers Trust, Lusk, Wyo. Boiler for carbon-black retorts. 1,644,152; Oct. 4.
 Rogers, Rodolfo, Culiacan, Mexico. Magazine paintbrush. 1,644,356; Oct. 4.
 Romine, Robert T., Mount Clemens, Mich. Bracing apparatus for sheet metal. 1,644,278; Oct. 4.
 Romine, Robert T., Mount Clemens, Mich. Bracing apparatus for sheet metal. 1,644,279; Oct. 4.
 Rooney, Francis, Flushing, N. Y. Window-sash-retaining device. 1,644,036; Oct. 4.
 Rooney, John W., Dunedin, New Zealand. Clip for show cards, serviettes, and the like. 1,644,280; Oct. 4.
 Rooney, Walter E., Bellingham, Wash., assignor to Thermokept Corporation, New York, N. Y. Can cover. 1,643,958; Oct. 4.
 Roper, Walter L., Maplesville, Ala. Radius-rod holder. 1,644,037; Oct. 4.
 Rose, William H., Jersey City, N. J. Windshield. 1,644,397; Oct. 4.
 Rose, William H., Jersey City, N. J. Windshield. 1,644,398; Oct. 4.
 Rose, William H., Jersey City, N. J. Window ventilator. 1,644,399; Oct. 4.
 Rose, William H., Jersey City, N. J. Window ventilator. 1,644,400; Oct. 4.
 Roseman, Leo, Newark, N. J. Garment-fastener means. 1,644,357; Oct. 4.
 Ross, Elton F., Seattle, Wash. Pump. 1,644,401; Oct. 4.
 Rossinkle, Herman, Marshfield, Oreg. Headrest. 1,644,402; Oct. 4.
 Royer, Ralph, and J. A. Sognis, assignors to M. J. McDonald Estate, Trenton, N. J. Extension tower. 1,644,613; Oct. 4.
 Rupt, Frank E., assignor to Irving-Pitt Manufacturing Company, Kansas City, Mo. Loose-leaf binder. 1,644,087; Oct. 4.
 Rushmore, Samuel W., Plainfield, N. J. Cooling system for internal-combustion engines. 1,644,088; Oct. 4.
 Russell, Charles L. (See Warner, Albin L., assignor.)
 Russell, Mark N., assignor to Pass & Seymour, Inc., Syracuse, N. Y. Lamp grip. 1,644,038; Oct. 4.
 Russell, Thomas N., assignor, by mesne assignments, to Chicago-Cleveland Car Roofing Company, Chicago, Ill. Carline. 1,644,450; Oct. 4.
 Ruth, Charles H., Huntington Park, Calif. Connecting means for bed rails. 1,644,281; Oct. 4.
 Ruzicka, Leopold, Zurich, assignor to M. Naef & Co., Geneva, Switzerland. Manufacture of d. I-nerolldol. 1,644,546; Oct. 4.
 Sadler, F. H., Company, The (See Sadler, Louis E., assignor.)
 Sadler, Louis E., assignor to The F. H. Sadler Company, Attleboro, Mass. Compact holder. 1,644,282; Oct. 4.
 St. Claire, Alexander, Los Angeles, Calif. Light indicator for reflector lamps. 1,644,207; Oct. 4.
 Salerni, Edoardo M., Paris, France. Treating gaseous mediums with liquids. 1,644,089; Oct. 4.
 Salterini, John B., New York, N. Y. Bridge lamp. Des. 73,581; Oct. 4.
 Salterini, John B., New York, N. Y. Lamp arm. Des. 73,582; Oct. 4.

Salterini, John B., New York, N. Y. Lamp arm. Des. 73,583; Oct. 4.
 Salterini, John B., New York, N. Y. Lamp arm. Des. 73,584; Oct. 4.
 Sanderson, Samuel E., Brooklyn, N. Y. Automatic variable-speed transmission. 1,644,614; Oct. 4.
 Sanford Motor Truck Company. (See Wilkins, Fred W., assignor.)
 Sawdye, John M., assignor to Dakota Koolaire Company, Mitchell, S. Dak. Deposit receptacle. 1,644,039; Oct. 4.
 Sawyer, Geo. W., Germantown, Philadelphia, Pa., assignor to Sinclair Refining Company, Chicago, Ill. Tank wagon. 1,644,090; Oct. 4.
 Sayers, Royd R. (See Yant, W. P., Sayers, and Hildebrand.)
 Schlage, Walter R., San Francisco, Calif. Combination marker gauge. 1,644,403; Oct. 4.
 Schneider, Laurence A., assignor to Canton Forge & Axle Company, Canton, Ohio. Apparatus for manufacturing rail anchors. 1,644,283; Oct. 4.
 Schriener, Charles F., Cleveland, Ohio. Bushing for metal receptacles. 1,644,153; Oct. 4.
 Schriener, Charles F., Cleveland, Ohio. Bushing for metal receptacles. 1,644,154; Oct. 4.
 Schroeder, Simon E., Oak Park, Ill. Wringer. 1,644,040; Oct. 4.
 Schroeder, Simon E., Newton, Iowa. Wringer construction. 1,644,041; Oct. 4.
 Schultz, Hermann, Lankwitz, near Berlin, Germany, assignor to Metal & Thermit Corporation, Carteret, N. J. Rail clamp. 1,644,358; Oct. 4.
 Schulze, Max A. E., Hamburg, Germany. Closure for boxes, trunks, and the like. 1,644,091; Oct. 4.
 Schusky, William W. (See Casper, George D., assignor.)
 Scott, Beverly R., Woodlynne, N. J., assignor to The Hammarlund Manufacturing Company, Incorporated. Making coils. 1,643,998; Oct. 4.
 Scott, Lewis L., assignor to Electrol, Inc. of Missouri, St. Louis, Mo. Oil burner. 1,644,496; Oct. 4.
 Scott Paper Company. (See Parsons, Philip D., assignor.)
 Scott, Russell O., Dayton, Ky. Checking device. 1,644,155; Oct. 4.
 Scovill Manufacturing Company. (See Cook, Clarence P., assignor.)
 Scovill Manufacturing Company. (See Reutter, Philip A., assignor.)
 Scovill Manufacturing Company. (See Stellmach, Paul, assignor.)
 Scovill Manufacturing Company. (See Villaret, Gustave E., assignor.)
 Seay, James I. (See Lawlor, J. P., and Seay.)
 Sebell, Harry, Boston, Mass. Nonskid device for automobiles. 1,643,959; Oct. 4.
 Secretary of Commerce of the United States, as trustee. (See Freed, Meyer L., assignor.)
 Self-Acting Switch Co. (See Eppley, Charles S., assignor.)
 Seligstein, Harry B., et al. (See Steenstra, George, assignor.)
 Seligstein, Morris F., et al. (See Steenstra, George, assignor.)
 Seligstein, Sidney J., et al. (See Steenstra, George, assignor.)
 Semple, Charles H., Canton, assignor to Semple-Lee Processes, Inc., Akron, Ohio. Method and apparatus for making tubes. 1,643,999; Oct. 4.
 Semple-Lee Processes, Inc. (See Semple, Charles H., assignor.)
 Seydel Chemical Company. (See Spencer, Hugh M., assignor.)
 Shafer, Innes H., Richmond, Va. Money receptacle. 1,644,495; Oct. 4.
 Shapiro, Jack L., New York, N. Y. Tooth guard. 1,644,284; Oct. 4.
 Sharp, William L., assignor to The Ohio Foundry and Manufacturing Co., Steubenville, Ohio. Gas heater. Des. 73,585; Oct. 4.
 Sharpe, William A., et al., trustees. (See Rogers, Harry R., assignor.)
 Sharples, David T., assignor to The Sharples Separator Company, West Chester, Pa. Separator. 1,644,615; Oct. 4.
 Sharples Separator Company, The. (See Sharples, David T., assignor.)
 Shellabarger Mills & Elevator Company, The. (See Corneliuss, John W., assignor.)
 Shinn, Lyle B., assignor to Chicago Lock Company, Chicago, Ill. Lock. 1,644,092; Oct. 4.
 Shonnard, Harold W., Montclair, N. J., assignor to Elevator Supplies Company, Inc. Control valve. 1,644,093; Oct. 4.
 Shook, Harman J., Bellingham, Wash. Purse clip. 1,644,616; Oct. 4.
 Showers, Lee, Charleroi, Pa., assignor to Pittsburgh Plate Glass Company. Making sheet glass. Re16,755; Oct. 4.
 Shumaker, Frank D., deceased, J. J. Shumaker, executrix, assignor to Aluminum Company of America, Pittsburgh, Pa. Production of silicon-iron and aluminum-copper alloys. 1,644,000; Oct. 4.
 Shumaker, Josephine J., executrix. (See Shumaker, Frank D.)

Sibley, Wesley B., Detroit, Mich., assignor to Acme Devices Corporation. Lubricating system. 1,644,156; Oct. 4.
 Siemens & Halske, Aktiengesellschaft. (See Gerdien, Hans, assignor.)
 Siemens and Halske, Aktiengesellschaft. (See Kelnath, Georg, assignor.)
 Siemens & Halske Aktiengesellschaft. (See Pohlmann, Bruno G., assignor.)
 Sinclair Refining Company. (See Sawyer, Geo. W., assignor.)
 Singer Manufacturing Company, The. (See Ringe, John C., assignor.)
 Skaletzky, Benjamin, New York, N. Y. Finger ring. Des. 73,586; Oct. 4.
 Skaletzky, Benjamin, New York, N. Y. Finger ring. Des. 73,587; Oct. 4.
 Skinner Automotive Device Co. (See Skinner, Ralph L., assignor.)
 Skinner, Ralph L., assignor to Skinner Automotive Device Co., Inc., Detroit, Mich. Lubrication system for internal-combustion engines. 1,644,004; Oct. 4.
 Slee, Daniel G., assignor to The France Foundry & Machine Co., Toledo, Ohio. Curb inlet. 1,643,960; Oct. 4.
 Sleeman, William C., Birmingham, Ala. Railway-car truck. 1,644,497; Oct. 4.
 Smith, Archibald B. F., Calcutta, British India. Door for airship sheds, aeroplane hangars, and the like. 1,644,285; Oct. 4.
 Smith, Denis, Ontario, assignor to H. A. Smith, Balboa, Calif. Orchard heater. 1,644,498; Oct. 4.
 Smith, Elmer H., Minneapolis, Minn. Making torch tips. 1,644,157; Oct. 4.
 Smith, Harold A., Passaic, assignor to The Hamersley Manufacturing Company, Garfield, N. J. Paper and making same. 1,644,451; Oct. 4.
 Smith, Harry G., Omaha, Neb. Wind indicator for night aviation. 1,644,547; Oct. 4.
 Smith, Helen A. (See Smith, Denis, assignor.)
 Snow, Norman L., Hartford, Conn. Soot-blower element. 1,644,286; Oct. 4.
 Snyder, Simon, assignor to Sprout, Waldron & Co., Muncy, Pa. Grain-cracking machine. Re16,759; Oct. 4.
 Société Anonyme des Anciens Etablissements Cuttat & Cie. (See Cuttat, Georges E., assignor.)
 Société Anonyme Etablissements Ed. Jaeger. (See Rodanet, Charles H. H., assignor.)
 Société Anonyme Jean Patou. (See Huret, Georges, assignor.)
 Société Etablissements Ducellier. (See Lanquetin, Léon, assignor.)
 Society of Chemical Industry in Basle. (See Gams, A., and Girard, assignors.)
 Soderholm, Arthur, Chicago, Ill. Coin-operated soap dispenser. 1,643,961; Oct. 4.
 Sognis, John A. (See Royer, R., and Sognis.)
 South Bend Bait Co. (See Rodgers, Claude M., assignor.)
 Spaulding, A. G., & Bros. (See Rensch, William F., assignor.)
 Spanner, Johannes J. (See Nickel, Albert P. H., and Spanner.)
 Spase, Charles B., assignor to Brown-Lipe Gear Company, Syracuse, N. Y. Clutch construction. 1,641,548; Oct. 4.
 Speer, J. Ramsey, et al. (See Carpenter, Charles U., assignor.)
 Spencer, Arthur B., and F. E. Walker, Hucknall Torkard, assignors to G. Spencer, Lutterworth, Leicestershire, England. Driving and supporting means for sewing machines and the like. 1,644,051; Oct. 4.
 Spencer, George. (See Spencer, A. B., and Walker, assignors.)
 Spencer, Hugh M., Newark, N. J., assignor to Seydel Chemical Company. Alumina coagulant. 1,643,962; Oct. 4.
 Spencer, Le Roy R., Chicago, Ill. Illuminating device. 1,644,287; Oct. 4.
 Spencer, William H., Bogota, N. J., assignor to I. P. Frink Inc., New York, N. Y. Lamp fixture. 1,644,452; Oct. 4.
 Spick, Fred, Jefferson, Iowa. Button anchor. 1,644,206; Oct. 4.
 Spray Engineering Company. (See Preble, James J., assignor.)
 Sprout, Waldron & Co. (See Snyder, Simon, assignor.)
 Squier, George O., Washington, D. C. Vanity case. 1,644,404; Oct. 4.
 Sta-Kleen Burner Company. (See Tate, Harry F., assignor.)
 Standard Development Company. (See Carringer, James R., assignor.)
 Stark, Frederick W., assignor to International Silver Company, Meriden, Conn. Spoon or similar article. Des. 73,588; Oct. 4.
 Steenstra, George, assignor of one-sixth to H. B. Seligstein, one-sixth to M. F. Seligstein, and one-sixth to S. J. Seligstein, St. Louis, Mo. Airplane. 1,644,453; Oct. 4.
 Stellmach, Paul, Brooklyn, N. Y., assignor to Scovill Manufacturing Company, Waterbury, Conn. Display stand. 1,644,359; Oct. 4.
 Stephens, Hugh, Jr., Winnipeg, Manitoba, Canada. Combination hair comb and brush. 1,644,205; Oct. 4.
 Sterrett, James R., et al. (See Carpenter, Charles U., assignor.)

Stewart, Lemon K., Newkirk, Okla. Camper's apartment. 1,644,406; Oct. 4.
 Stiles, George H., Spokane, Wash. Vehicle lamp. 1,643,963; Oct. 4.
 Stirliss, Jacob, New York, assignor to The Larvex Corporation, Brooklyn, N. Y. Bottle cap or closure. 1,643,964; Oct. 4.
 Stirliss, Jacob, New York, assignor to The Larvex Corporation, Brooklyn, N. Y. Bottle cap or closure. 1,643,965; Oct. 4.
 Stokes and Smith Company. (See Streeper, William H., assignor.)
 Stone, Rufus M., Oklahoma City, Okla. Burner. 1,644,617; Oct. 4.
 Strandlund, Carl G., assignor to Deere & Company, Moline, Ill. Cultivator. 1,644,042; Oct. 4.
 Streeper, William H., assignor to Stokes and Smith Company, Philadelphia, Pa. Structure for feeding cut-out sheets. 1,644,549; Oct. 4.
 Strehlow, Oscar E., Evanston, Ill. Excavating. 1,644,288; Oct. 4.
 Stripling, John. (See Burkhalter, W. T. and Stripling.)
 Stromberg-Carlson Telephone Manufacturing Company, The. (See Reinke, Eugene A., assignor.)
 Strong, Chester F., New York, N. Y. System for generating and distributing electricity. 1,644,158; Oct. 4.
 Strongson, Herman L., Brooklyn, N. Y., assignor to The Thomas & Betts Co., Elizabeth, N. J. Cable connector. 1,644,291; Oct. 4.
 Strongson, Herman L., New York, N. Y., assignor to The Thomas & Betts Co., Elizabeth, N. J. Cable connector. 1,644,310; Oct. 4.
 Sullivan Machinery Company. (See Blom, Hjalmar T., assignor.)
 Swartwout, Denton K., Cleveland, Ohio. Ventilating and heating means for conveyances. 1,643,966; Oct. 4.
 Swayze, William W., Wilmington, Del. Pin-locking means. 1,644,618; Oct. 4.
 Symington Company, The. (See Martin, Mark H., assignor.)
 Talbot, Benjamin, Northallerton, England, assignor to Talbot Non-Corrosive Linings Company, Philadelphia, Pa. Water pipe and making the same. 1,644,360; Oct. 4.
 Talbot, Benjamin, Middlesbrough, England, assignor to Talbot Non-Corrosive Linings Company, Philadelphia, Pa. Lined pipe. 1,644,361; Oct. 4.
 Talbot Non-Corrosive Linings Company. (See Talbot, Benjamin, assignor.)
 Tallaferrro, Thomas L., Chicago, Ill. Jar-closing machine. 1,644,209; Oct. 4.
 Tate, Harry F., assignor to Sta-Kleen Burner Company, Kokomo, Ind. Low-pressure oil burner. 1,643,967; Oct. 4.
 Taylor, Huston, assignor, by mesne assignments, to Kelchator Corporation, Detroit, Mich. Demountable rim carrier. 1,644,159; Oct. 4.
 Telchow, Lewis F. W., Butler, Ind. Bread container. 1,644,001; Oct. 4.
 Tepper, Sidney M., Cleveland, Ohio. Saw. 1,644,619; Oct. 4.
 Texas Company, The. (See Noel, Frank C., assignor.)
 Thermokept Corporation. (See Malmquist, Adolph K., assignor.)
 Thermokept Corporation. (See Rooney, Walter E., assignor.)
 Thomas & Betts Co., The. (See Church, Lewis H., assignor.)
 Thomas & Betts Co., The. (See Davis, A. P., and Buchanan, assignors.)
 Thomas & Betts Co., The. (See Ledbetter, James C., assignor.)
 Thomas & Betts Co., The. (See McMurtrie, Adnah, assignor.)
 Thomas & Betts Co., The. (See Strongson, Herman L., assignor.)
 Thomas & Betts Co., The. (See Thomas, George C., jr., assignor.)
 Thomas & Betts Co., The. (See Thomas, G. C., jr., and Church, assignors.)
 Thomas, George C., jr., assignor to The Thomas & Betts Co., Elizabeth, N. J. Cable connector. 1,644,292; Oct. 4.
 Thomas, George C., jr., assignor to The Thomas & Betts Co., Elizabeth, N. J. Cable connector. 1,644,293; Oct. 4.
 Thomas, George C., jr., assignor to The Thomas & Betts Co., Elizabeth, N. J. Cable connector. 1,644,295; Oct. 4.
 Thomas, George C., jr., assignor to The Thomas & Betts Co., Elizabeth, N. J. Cable connector. 1,644,296; Oct. 4.
 Thomas, George C., jr., assignor to The Thomas & Betts Co., Elizabeth, N. J. Cable connector. 1,644,297; Oct. 4.
 Thomas, George C., jr., assignor to The Thomas & Betts Co., Elizabeth, N. J. Cable connector. 1,644,303; Oct. 4.
 Thomas, George C., jr., assignor to The Thomas & Betts Co., Elizabeth, N. J. Cable connector. 1,644,304; Oct. 4.
 Thomas, George C., jr., assignor to The Thomas & Betts Co., Elizabeth, N. J. Cable connector. 1,644,312; Oct. 4.

Thomas, George C., jr., assignor to The Thomas & Betts Co., Elizabeth, N. J. Cable connector. 1,644,313; Oct. 4.
 Thomas, George C., jr., Elizabeth, and L. H. Church, Roselle, assignors to The Thomas & Betts Co., Elizabeth, N. J. Cable connector. 1,644,309; Oct. 4.
 Thomas, Thomas H. (See Farmer, C. C., and Thomas.)
 Thomas, Thomas H., Edgewood, assignor to Westinghouse Air Brake Company, Wilmerding, Pa. Train-control device. 1,644,551; Oct. 4.
 Thomlinson, William G., Glasgow, Scotland. Paper bag or envelope. 1,644,095; Oct. 4.
 Thompson, Fearing S., Springfield, Ill. Multiple spacer. 1,643,968; Oct. 4.
 Thompson, Thomas E., Los Angeles, Calif. Self-checking test device. 1,644,160; Oct. 4.
 Thorn, J. S., Company. (See Doering, Albert L., assignor.)
 Thum, Edmund, Pawtucket, R. I. Toy mechanism. 1,644,314; Oct. 4.
 Thust, George J., Appleton, Wis. Expanding mill. 1,644,552; Oct. 4.
 Tiedemann, Paul, Brooklyn Township, Cuyahoga County, Ohio. Adjustable cot. 1,644,043; Oct. 4.
 Tiedemann, Robert, Munich, Germany. Bearing and direction indicator with section map for vehicles. 1,644,454; Oct. 4.
 Timken Roller Bearing Company, The. (See Buckwalter, Tracy V., assignor.)
 Timpson, Thomas W., assignor to R. H. Macy & Co., Inc., New York, N. Y. Display table. 1,644,289; Oct. 4.
 Tisdale, Harold W. (See Bridges, F., Firman, Tisdale, and Hoskins.)
 Titcomb, Lee R., Brooklyn, and H. S. Ashmun, New York, N. Y. Device for extinguishing fires. 1,644,290; Oct. 4.
 Tittmore, Frank A., and C. S. Renwick, Richmond, assignors to Hopkins Spray Equipment Company, San Francisco, Calif. Controlling the distribution of liquids. 1,643,969; Oct. 4.
 Torkelson, Theodore, Mabel, Minn. Draft attachment for vehicles. Re16,756; Oct. 4.
 Torres, Pedro N., Realitos, Tex. Cultivating implement. 1,644,315; Oct. 4.
 Trout, William A., Los Angeles, Calif. Oil-well derrick and shortening same. 1,644,499; Oct. 4.
 Trout, William A., Los Angeles, Calif. assignor to Emasco Derrick & Equipment Company. Flexible casing for oil wells. 1,644,553; Oct. 4.
 Underwood Typewriter Company. (See Kurowski, Alfred G., assignor.)
 Underwood, Walter O., assignor of one-third to Ralph E. Duffy and one-third to Robert D. Payne, Greenfield, Mo. Automobile body. 1,644,405; Oct. 4.
 Union Draft Gear Company. (See Cardwell, James R., assignor.)
 Union Steel Products Company. (See Hatch, Charles T., assignor.)
 Union Switch & Signal Company, The. (See Grondahl, Lars O., assignor.)
 U. S. Light & Heat Corporation. (See Kyle, George L., assignor.)
 Universal Veneer Products Company. (See Pointer, Henry V., assignor.)
 Unkle, Charles W., Baltimore, Ohio. Apparatus for paper manufacture. 1,644,620; Oct. 4.
 Upham, Preston, Brookline, Mass., assignor, by mesne assignments, to The Bassick Manufacturing Company, Chicago, Ill. Oil cup. 1,644,210; Oct. 4.
 Urie, David A., Chicago, Ill. Machine for attaching color chips to cards. 1,644,044; Oct. 4.
 Utzler, Elmer W., Corliss Station, Pa. Nut lock. 1,644,554; Oct. 4.
 Van Horne, John S., Franklin, Ohio. Exhausting electrical bulbs. 1,644,002; Oct. 4.
 Van Sise, Andrew J. (See Wiard, R., and Van Sise.)
 Vapor Car Heating Company. (See Parks, Paul B., assignor.)
 Varian, Howard M., assignor, by mesne assignments, to Diamond Power Specialty Corporation, Detroit, Mich. Boiler cleaner. 1,644,211; Oct. 4.
 Verona Tool Works, The. (See Hart, William F., assignor.)
 Villaret, Gustave E., Leonia, N. J., assignor to Scovill Manufacturing Company, Waterbury, Conn. Adapter for lighting fixtures. Des. 73,589; Oct. 4.
 Volt, William J., Los Angeles, Calif. Valve construction for inflatable articles. 1,644,090; Oct. 4.
 Von Vegesack, Arved E. G. T., Munkfors Bruk, Sweden. Manufacturing edge tools and special composition of steel for same. 1,644,097; Oct. 4.
 Wadsworth Watch Case Company, The. (See Conant, Arthur P., assignor.)
 Wagenbach, Anton, Elberfeld, Germany. Gripping device for bending machines. 1,644,555; Oct. 4.
 Wagner, Hermann, Soden-on-the-Taunus, and A. Funke, Hochst-on-the-Main, Germany, assignors to Grasselli Dyestuff Corporation, New York, N. Y. Greenish-yellow azo dyestuff and making same. 1,644,003; Oct. 4.
 Walker, Frank E. (See Spencer, A. B., and Walker.)
 Walker, George T., Minneapolis, Minn. Crystallizing liquids. 1,644,161; Oct. 4.
 Wallace, William W., Chicago, Ill., assignor to New York Brick Handling Corporation, New York, N. Y. Inverter. 1,644,407; Oct. 4.

Walsh, Clarence F., Dickens, Iowa. Farrowing house for sows. 1,644,212; Oct. 4.
 Warner, Albion L., New York, N. Y., assignor to C. L. Russell, Rahway, N. J. Folding table. 1,644,455; Oct. 4.
 Warner, Albion L., New York, N. Y., assignor to C. L. Russell, Rahway, N. J. Folding table. 1,644,500; Oct. 4.
 Warner, Edward, Union City, N. J. Plucking machine. 1,644,621; Oct. 4.
 Warr, Harold G., Park Ridge, assignor to The P & M Company, Chicago, Ill. Rail anchor. 1,644,179; Oct. 4.
 Warren, Clarence A., Independence, Mo. Weeder. 1,644,098; Oct. 4.
 Warren, Virgil P., Atlanta, Ga. Refrigerator ice tank. 1,644,408; Oct. 4.
 Warghaw, Nathan, New York, N. Y. Indexing device. 1,644,182; Oct. 4.
 Warthen Train Control Corporation. (See Browne, Walter A., assignor.)
 Watrous, Earl G., Chicago, Ill. Tank for water-closets, urinals, and the like. 1,644,622; Oct. 4.
 Weeks, William W., assignor to Elevator Supplies Company, Inc., Brooklyn, N. Y. Door closing and check mechanism. 1,644,045; Oct. 4.
 Welland, Alfred, Neahanic, N. J., assignor to Pneumatic Appliances Corporation, New York, N. Y. Vehicle bumper. 1,644,046; Oct. 4.
 Weinkle, Abraham M., Jacksonville, Fla. Mounting for inductance coils. 1,644,213; Oct. 4.
 West Bend Aluminum Company. (See Kircher, Ralph N., assignor.)
 Western Reserve Rubber Company, The. (See Witten, Arthur P., assignor.)
 Western Union Telegraph Company. (See Mason, Roger, assignor.)
 Westinghouse Air Brake Company, The. (See Bartholomew, John R., assignor.)
 Westinghouse Air Brake Company, The. (See Dapron, Joseph M., assignor.)
 Westinghouse Air Brake Company, The. (See Farmer, Clyde C., assignor.)
 Westinghouse Air Brake Company, The. (See Farmer, C. C., and Thomas, assignors.)
 Westinghouse Air Brake Company, The. (See Gullemin-Tarayre, Jean, assignor.)
 Westinghouse Air Brake Company. (See Thomas, Thomas H., assignor.)
 Westinghouse Electric & Manufacturing Company. (See Fortescue, Charles L., assignor.)
 Westling, Eric H., Redwood City, Calif. Carburetor. 1,644,214; Oct. 4.
 Wetzel, Clarence A., Sterling, Ill. Mechanical toy. 1,644,047; Oct. 4.
 Whistler, David B., Dayton, Ohio. Window. 1,644,655; Oct. 4.
 White, D'Orsay M., assignor to Motor Industries, Inc., Chicago, Ill. Disk wheel. 1,644,163; Oct. 4.
 White, William S., Denver, Colo. Flushing valve. Re16,764; Oct. 4.
 Whitney Mfg. Company, The. (See Belcher, Warren J., assignor.)
 Whittier, Horace R., assignor to The Cooper Oven Thermometer Co., Plymouth, Conn. Thermostatic valve. 1,644,501; Oct. 4.
 Wiard, Roy, and A. J. Van Sise, Audubon, Iowa. Tree saw. 1,644,316; Oct. 4.

Wiese, Ernest E., Brecksville, Ohio. Lamp. Des. 73,590; Oct. 4.
 Wilcox, Lewis T., Peekskill, N. Y. Grate for oil and gas stoves. 1,644,502; Oct. 4.
 Wilhelm, Henry, Brooklyn, N. Y. Sectional-box mechanism. 1,644,215; Oct. 4.
 Wilkins, Fred W., assignor to Sanford Motor Truck Company, Syracuse, N. Y. Radius rod. 1,643,970; Oct. 4.
 Wilkinson, Jabez, Fall River, Mass. Warper or section beam head. 1,644,099; Oct. 4.
 Willey, Edith M., Seattle, Wash. Stuffed figure toy. 1,644,317; Oct. 4.
 Wilson, Frank A., et al. (See Davis, William L., assignor.)
 Wilson, James H., Falls Creek, Pa., assignor to Jackson Vitrified China Company, Falls Creek, Pa. Plate or similar article. Des. 73,591; Oct. 4.
 Wilson, Laura I., et al. (See Davis, William L., assignor.)
 Wilson, Sidney C., assignor to W. F. Wolf, Rochester, N. Y. Flying toy. 1,644,362; Oct. 4.
 Winchell, Laurence J., Newkirk, Okla. Nail-driving tool. 1,644,409; Oct. 4.
 Winell, Karl O. (See Pehrson, A. K., and Winell.)
 Winship, Emory. (See Marcum, Arthur I., assignor.)
 Winter, Walter, Tulsa, Okla. Corner guide for bricklaying. 1,644,456; Oct. 4.
 Wirt & Knox Mfg. Co. (See Parker, Charles R., assignor.)
 Wisnart, William, assignor to Cllmax Engineering Company, Clinton, Iowa. Stuffing box. 1,643,971; Oct. 4.
 Witten, Arthur P., Akron, Ohio. Toy figure. Des. 73,592; Oct. 4.
 Witten, Arthur P., assignor to The Western Reserve Rubber Company, Akron, Ohio. Toy figure. Des. 73,593; Oct. 4.
 Wolf, Frank, New York, N. Y. Sample-display device. 1,644,318; Oct. 4.
 Wolf, Walter F. (See Wilson, Sidney C., assignor.)
 Wood, Robert J., Twin Branch, W. Va., assignor to Goodman Manufacturing Company, Chicago, Ill. Mining machine. 1,644,216; Oct. 4.
 Woodsome, John O., New York, N. Y. Steam-circulating system for driers. 1,643,972; Oct. 4.
 Woodsome, John O., New York, N. Y. Steam-circulating system for driers. 1,643,973; Oct. 4.
 Wreford, William B., Detroit, Mich. Sport overshoe. 1,644,217; Oct. 4.
 Wright, Fred W., Hunslet, Leeds, assignor to George Mann & Company, Limited, Larchfield Works, Leeds, England. Printing machine. 1,644,218; Oct. 4.
 Yancey, Arthur, New Orleans, La. Preserving gasket. 1,644,457; Oct. 4.
 Yancey, Arthur, New Orleans, La. Tumbler cap and closure. 1,644,458; Oct. 4.
 Yant, William P., Pittsburgh, Pa., R. R. Sayers, Washington, D. C., and J. H. Hildebrand, Alameda, Calif. Artificial breathing atmosphere and treatment of persons exposed to abnormal pressures. 1,644,363; Oct. 4.
 Young, Ralph P. (See Kramer, Henry W., assignor.)
 Young, William H., Lakeland, Fla. Toothbrush and paste holder. 1,644,049; Oct. 4.
 Zimmerman, Emil C., assignor to Q & C Company, New York, N. Y. Foot guard for guard rails. 1,644,048; Oct. 4.
 Zobel, Otto J., New York, N. Y., assignor to American Telephone and Telegraph Company. Electrical wave filter. 1,644,004; Oct. 4.

ALPHABETICAL LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 4TH DAY OF OCTOBER, 1927.

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice). Includes patents, reissues, and designs.

Acid compound, Thioglycollic. E. Lyons. 1,644,258; Oct. 4.
Acid sulphuric acid ester compound of aromatic hydroxy-alkylethers. W. Hentrich and M. Hardtmann. 1,644,524; Oct. 4.
Acoustic device. C. Kyle. 1,644,387; Oct. 4.
Active deposit, Process and apparatus for concentrating. H. B. Palmer. 1,644,350; Oct. 4.
Adding machine. H. D. Betz. 1,644,559; Oct. 4.
Advertising device, Animated. W. G. Gould. 1,644,580; Oct. 4.
Advertising sign. U. Roberts. Des. 73,580; Oct. 4.
Air heater, Direct. W. B. Croan. 1,644,150; Oct. 4.
Airplane. G. Steenstra. 1,644,453; Oct. 4.
Airship sheds, aeroplane hangars, and the like, Doors for. A. R. F. Smith. 1,644,285; Oct. 4.
Alcohol, alcohol-containing mixtures, and similar liquids. W. Ostwald. 1,644,267; Oct. 4.
Alloy. C. A. Geatty. 1,644,425; Oct. 4.
Alumina coolant. H. M. Spencer. 1,643,962; Oct. 4.
Amplifier. H. M. Johnson. 1,644,191; Oct. 4.
Anchor. Guy. F. N. Bierce. 1,644,103; Oct. 4.
Antenna construction. F. Orne. 1,644,266; Oct. 4.
Arc cutting and welding apparatus, Transformer for electric. F. C. Owen. 1,644,604; Oct. 4.
Arm rest. F. O'Brien. 1,644,441; Oct. 4.
Articulator. W. G. Bridge. 1,644,106; Oct. 4.
Ash tray. O. B. Bach. Des. 73,553; Oct. 4.
Auto top. F. V. Miller and F. M. Crawford. 1,644,025; Oct. 4.
Automobile body. W. O. Underwood. 1,644,405; Oct. 4.
Automobile bumper. W. Rahe. 1,644,032; Oct. 4.
Automobile door. G. W. Becker. 1,643,939; Oct. 4.
Automobile seat. F. A. Huff. 1,644,528; Oct. 4.
Automobiles, Extractor for. W. A. Brightman. 1,644,509; Oct. 4.
Automobiles, Nonskid device for. H. Sebell. 1,643,959; Oct. 4.
Automobiles, Theft-preventing device for. B. Golembewski. 1,644,334; Oct. 4.
Bag. See—
Golf bag.
Bag or envelope, Paper. W. G. Thomlinson. 1,644,095; Oct. 4.
Bait, Artificial. C. M. Rodgers. 1,644,151; Oct. 4.
Band-tying gauge. A. Cook. 1,644,414; Oct. 4.
Bandage, Surgical. E. W. Blake. 1,644,508; Oct. 4.
Bar. See—
Boring bar.
Barn, Batten. L. T. Petersen. 1,644,028; Oct. 4.
Baskets, Handle for wooden. H. W. Kramer. 1,644,478; Oct. 4.
Batteries for leaks, Testing. G. L. Kyle. 1,643,949; Oct. 4.
Battery. See—
Storage battery.
Battery box. C. J. Bender. 1,644,641; Oct. 4.
Beam hanger, Adjustable. E. P. Jones. 1,644,434; Oct. 4.
Bearing. T. C. Delaval-Crow. 1,643,982; Oct. 4.
Bearing and direction indicator with section map for vehicles. E. Tiedemann. 1,644,454; Oct. 4.
Bearing, Ball. W. Rieffert. 1,644,611; Oct. 4.
Bearing cups, Mounting roller. T. V. Buckwalter. 1,643,977; Oct. 4.
Beater, Carpet. E. P. Johnson. 1,644,020; Oct. 4.
Bed rails, Connecting means for. C. H. Ruth. 1,644,281; Oct. 4.
Bending machines, Gripping device for. A. Wagenbach. 1,644,555; Oct. 4.
Blinder, Loose-leaf. F. E. Rupp. 1,644,087; Oct. 4.
Bit. See—
Drill bit.
Block. See—
Building block.
Bloomers. E. E. Carlson, J. P. Costello, and R. L. Heilbronner. 1,643,980; Oct. 4.
Board. See—
Game board.
Boiler. See—
Locomotive-type boiler.
Steam boiler.
Boiler cleaner. G. I. Rawson. 1,644,275; Oct. 4.
Boiler cleaner. H. M. Varian. 1,644,211; Oct. 4.
Boiler for carbon-black retorts. H. R. Rogers. 1,644,152; Oct. 4.
Bolling vessel, Safety. J. Radolsky. 1,644,353; Oct. 4.
Bolt. D. Klaus. 1,644,477; Oct. 4.

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ALPHABETICAL LIST OF INVENTIONS.

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Camper's apartment. L. K. Stewart. 1,644,406; Oct. 4.
Can cover. W. E. Rooney. 1,643,958; Oct. 4.
Canning apparatus. A. K. Malmquist. 1,643,990; Oct. 4.
Cans and other receptacles, Apparatus for cleansing milk. I. H. Kendall. 1,644,384; Oct. 4.
Car, Articulated. A. K. Pehrson and K. O. Winell. 1,644,394; Oct. 4.
Car-coupler mounting. E. George, jr. 1,644,577; Oct. 4.
Car, Mine. G. E. Edmunds. 1,644,009-12; Oct. 4.
Car seat. J. A. Brooks. 1,644,632; Oct. 4.
Cars, Differential axle for railroad. J. B. Pope. 1,644,147; Oct. 4.
Cars, Safety device for motor. G. E. Lynch. 1,643,989; Oct. 4.
Carbon dioxide, Discharging. C. L. Jones. 1,644,338; Oct. 4.
Carbon-monoxide detector. C. S. Gordon and J. T. Lowe. 1,644,014; Oct. 4.
Carburetor. S. J. Brindley. 1,644,233; Oct. 4.
Carburetor. E. H. Westling. 1,644,214; Oct. 4.
Carburetor device. P. Bonel. 1,644,322; Oct. 4.
Carline. T. N. Russell. 1,644,450; Oct. 4.
Case. See—
Flashlight case. Vanity case.
Tag case.
Casting metal under pressure, Automatic machine for. O. Eckert. 1,644,054; Oct. 4.
Caustic fusions, Effecting. D. G. Rogers. 1,644,493; Oct. 4.
Cell and making the same, Primary. M. L. Martus and E. H. Becker. 1,644,344; Oct. 4.
Cell, Primary. M. L. Martus and E. H. Becker. 1,644,344; Oct. 4.
Cellulose esters, Solution of. J. G. Davidson. 1,644,417-20; Oct. 4.
Centrifugal spreader. W. Z. Pulliam. 1,644,031; Oct. 4.
Chain, Cutter. C. E. Davis. 1,644,181; Oct. 4.
Chain, Power-transmission. W. J. Belcher. 1,644,656; Oct. 4.
Chair. W. H. Gunlocke and G. J. Pike. 1,644,336; Oct. 4.
Chandler or article of similar nature. I. Levy. Des. 73,571; Oct. 4.
Checking device. R. O. Scott. 1,644,155; Oct. 4.
Chute, Wagon. A. W. Hamm. 1,644,521; Oct. 4.
Circuit breaker, Thermally-operated. P. B. Parks. 1,644,443; Oct. 4.
Circuit-protecting system. W. E. Hoyler. 1,644,525; Oct. 4.
Circuit-protecting system. W. E. Hoyler. 1,644,527; Oct. 4.
Clamp. See—
Cable or wire clamp. Rail clamp.
Document-binding clamp.
Clasp. See—
Safety clasp.
Cleaner. See—
Roller cleaner.
Window cleaner.
Cleaner and deepener, Piston groove. G. C. Beck. 1,644,006; Oct. 4.
Clip. See—
File clip. Purse clip.
Clip for show cards, serviettes, and the like. J. W. Rooney. 1,644,280; Oct. 4.
Cloth, Cleaning. C. W. Ebbert. 1,644,053; Oct. 4.
Clothes press. F. Cabral. 1,644,367; Oct. 4.
Clothes rack. H. W. Aumack. 1,644,503; Oct. 4.
Clutch construction. C. B. Spase. 1,644,548; Oct. 4.
Coils, Making. B. R. Scott. 1,643,998; Oct. 4.
Coils, Mounting for inductance. A. M. Weinkle. 1,644,213; Oct. 4.
Coin-controlled machine. A. Malkin. 1,644,067; Oct. 4.
Coin-delivery machine, Casing for. A. E. J. Brandt. Des. 73,556; Oct. 4.
Coin-handling machine. E. J. Brandt. 1,643,941; Oct. 4.
Coin-operated soap dispenser. A. Soderholm. 1,643,961; Oct. 4.
Coin receptacle. F. Minto. 1,644,539; Oct. 4.
Color chips to cards, Machine for attaching. D. A. Urie. 1,644,044; Oct. 4.
Comb and brush, Combination hair. H. Stephens, jr. 1,644,208; Oct. 4.
Compact holder. L. E. Sadler. 1,644,282; Oct. 4.
Composition of matter, a superrefractory body formed therefrom, and manufacturing the same. M. L. Freed. 1,644,244; Oct. 4.
Compound lock. F. Borsody. 1,644,323; Oct. 4.
Compressor, Centripetal. P. L. Crowe. 1,644,565; Oct. 4.
Compressors, Cooling-water-controlling means for. W. Raymond. 1,643,996; Oct. 4.
Concentrating table. E. Delster. 1,644,113; Oct. 4.
Concrete blocks, Machine for making. J. P. Lawlor and J. I. Seay. 1,644,066; Oct. 4.
Concrete form. J. N. Heltzel. 1,644,584-8; Oct. 4.
Concrete pipe, Reinforced. D. W. Longfellow. 1,644,196; Oct. 4.
Concrete-road foundations and like structures, Apparatus for breaking up. H. T. Cover and E. Bond. 1,644,110; Oct. 4.
Condenser. H. P. Donle. 1,644,242; Oct. 4.
Condenser. T. P. Hagerman. 1,644,520; Oct. 4.
Connecting-rod safety loop. A. C. Moore. 1,644,481; Oct. 4.
Container, Bread. L. F. W. Telschow. 1,644,001; Oct. 4.

Container, Paper. R. A. Bennett and A. M. Boothby. 1,644,506; Oct. 4.
Controlling switch. W. E. Hoyler. 1,644,526; Oct. 4.
Conveyances, Ventilating and heating means for. D. K. Swartwout. 1,643,966; Oct. 4.
Conveyer. E. J. Lamy. 1,644,649; Oct. 4.
Conveyer, Power-driven. A. J. Hartley. 1,643,986; Oct. 4.
Cooking apparatus, Pretzel-. W. Ehrhart. 1,644,516; Oct. 4.
Coop or crate, Poultry. C. T. Hatch. 1,644,472; Oct. 4.
Cord, Nonstretchable. J. H. Hunter. 1,644,529; Oct. 4.
Costumer. W. P. Neal. Des. 73,576; Oct. 4.
Cot, Adjustable. P. Tiedemann. 1,644,043; Oct. 4.
Coverings and forming same, Refractory material suitable for. G. B. Luckett and J. A. Johnson. 1,643,988; Oct. 4.
Credit slip, Authorizing apparatus. A. Block. 1,644,229; Oct. 4.
Crystallizing liquids. G. T. Walker. 1,644,161; Oct. 4.
Culinary implement. E. R. Cain and C. R. McMillan. 1,644,464; Oct. 4.
Cultivating implement. C. J. Rodriguez. 1,644,449; Oct. 4.
Cultivating implement. P. N. Torres. 1,644,315; Oct. 4.
Cultivator. W. L. Paul. 1,644,080; Oct. 4.
Cultivator. H. Petersen. 1,644,271; Oct. 4.
Cultivator. C. G. Strandlund. 1,644,042; Oct. 4.
Culverts, Flow-increasing attachment for. F. A. Nagler. 1,643,953; Oct. 4.
Cup. See—
Grease cup. Oil cup.
Cup or similar article. G. R. Ahrendts. Des. 73,549; Oct. 4.
Curb inlet. D. G. Snee. 1,643,960; Oct. 4.
Current meter. C. H. Au. 1,644,005; Oct. 4.
Curtain, Fire-resisting. R. H. Greigor. 1,644,646; Oct. 4.
Curtain fixtures, Bracket and rod coupling for. J. H. Boye. 1,644,105; Oct. 4.
Cushion. See—
Die cushion.
Cut-out sheets, Structure for feeding. W. H. Streep. 1,644,549; Oct. 4.
Cutting machine, Cloth. E. W. Hoosier. 1,644,381; Oct. 4.
Cutting mechanism. F. M. Hargrave. 1,644,583; Oct. 4.
d. L-nerolidol, Manufacture of. L. Ruzicka. 1,644,546; Oct. 4.
Decorating, Apparatus for. F. F. Conwill. 1,644,238; Oct. 4.
Dental-floss holder. W. Miller. 1,644,390; Oct. 4.
Dental parts and the like, Machine for casting. R. Y. Richmond. 1,644,543; Oct. 4.
Dental plates and preparing the same, Lining for. E. K. Peters. Re16,754; Oct. 4.
Designation device. E. A. Reinke. 1,644,084; Oct. 4.
Detector. See—
Carbon-monoxide detector.
Device for determining a difference in length. H. Gerdien. 1,644,333; Oct. 4.
Die. See—
Flowerpot die.
Die cushion. F. J. Rode. 1,644,086; Oct. 4.
Diestock. I. W. Nonneman. 1,644,143; Oct. 4.
Disintegrating machine. D. C. Addicks. 1,643,938; Oct. 4.
Disk wheel. D. M. White. 1,644,163; Oct. 4.
Dispenser, Perfume. P. F. W. Muller. 1,644,482; Oct. 4.
Dispensing machine. M. Goldman. 1,644,371; Oct. 4.
Display device, Sample. F. Wolf. 1,644,318; Oct. 4.
Display stand. P. Stellmach. 1,644,359; Oct. 4.
Display table. T. W. Timson. 1,644,289; Oct. 4.
Document-binding clamp. S. J. Rabian. 1,644,625; Oct. 4.
Doll, Bouncing. J. H. O'Neill. 1,644,027; Oct. 4.
Door closing and check mechanism. W. W. Weeks. 1,644,045; Oct. 4.
Doors of tramway or like vehicles, Apparatus for operating and controlling the. H. R. Hockley. 1,644,380; Oct. 4.
Doors, windows, and the like, Hollow frame bar for. H. S. Kellander and J. T. Isaacson. 1,644,531; Oct. 4.
Doup heddle. R. H. Fish. 1,644,573; Oct. 4.
Drain trap. G. D. Casper. Re16,752; Oct. 4.
Drawing instrument, Self-adjusting. J. M. Angeletti. 1,644,221; Oct. 4.
Driers, Steam-circulating system for. J. O. Woodsome. 1,643,972-3; Oct. 4.
Drill bit. C. W. Metzger and M. Manning. 1,644,142; Oct. 4.
Drill bits, Centralizer for. J. F. Mock. 1,644,026; Oct. 4.
Drilling machine. G. H. Gilman. 1,644,120; Oct. 4.
Drills, Handle for rock. W. Prellwitz. 1,644,030; Oct. 4.
Dry cell. W. F. Hendry. 1,644,017; Oct. 4.
Drying gases, Method and agent for. W. Müller. 1,644,439; Oct. 4.
Dyeing, Apparatus for piece. T. J. Bachofen. 1,644,460; Oct. 4.
Dyeing, Machine for piece. T. J. Bachofen. 1,644,462; Oct. 4.
Dyeing, Piece. T. J. Bachofen. 1,644,461; Oct. 4.

Dyestuff and making same. Greenish-yellow azo. H. Wagner and A. Funke. 1,644,003; Oct. 4.
 Earring. R. Hahn. Des. 73,566; Oct. 4.
 Edge tools and special composition of steel for same. Manufacturing. A. E. G. T. Von Vegesack. 1,644,097; Oct. 4.
 Egg-peeling device. D. C. Fowler. 1,644,119; Oct. 4.
 Engine: See—
 Internal-combustion engine. Oil engine.
 Engine-control mechanism. H. Marles. 1,644,261; Oct. 4.
 Engines, Carburetor for supercharging internal-combustion. F. Porsche. 1,644,029; Oct. 4.
 Engines, Charge-heating control for internal-combustion. A. G. Redmond. 1,643,957; Oct. 4.
 Engines, Cooling system for internal-combustion. S. W. Rushmore. 1,644,088; Oct. 4.
 Engines, Lubrication system for internal-combustion. R. L. Skinner. 1,644,094; Oct. 4.
 Engines, Mechanism for facilitating the starting of internal-combustion. C. Y. Knight. Re16,757; Oct. 4.
 Engines, Sealing means for rotary. F. A. Bullington. 1,644,564; Oct. 4.
 Engines, Starting crank for internal-combustion. C. Irvine. 1,644,019; Oct. 4.
 Electric apparatus serving as a dynamo or motor and as an engine starter. L. Lanquar. 1,644,065; Oct. 4.
 Electric heater. G. Eaton. Des. 73,560; Oct. 4.
 Electric saddle. J. E. Marsden. 1,644,139; Oct. 4.
 Electric-switch member. C. D. Platt. Des. 73,579; Oct. 4.
 Electric timing switch. C. F. Amos. 1,644,100; Oct. 4.
 Electrical bulbs, Exhausting. J. S. Van Horne. 1,644,002; Oct. 4.
 Electrically-operated indicating device. E. S. C. Betteley. 1,644,102; Oct. 4.
 Electricity, Generating and distributing system for. C. F. Strong. 1,644,158; Oct. 4.
 Ellipsograph. O. Rettedal and N. J. Nelson. 1,644,205; Oct. 4.
 Excavating. O. E. Strehlow. 1,644,288; Oct. 4.
 Expanding mill. G. J. Thust. 1,644,552; Oct. 4.
 Extinguishing fires, Device for. L. R. Tiltcomb and H. S. Ashmun. 1,644,290; Oct. 4.
 Fabric-forming machine, Tubular. J. E. Fefel. 1,644,116; Oct. 4.
 Fastener. M. F. Carr. 1,643,981; Oct. 4.
 Fastener. V. Owen. 1,644,541; Oct. 4.
 Fastener, Snap. A. Assorati. 1,643,936; Oct. 4.
 Ferric sulphate, Manufacture of. B. Hart. 1,644,250; Oct. 4.
 File clip. W. J. Millette. 1,644,198; Oct. 4.
 Film spool. H. A. De Vry. Re16,762; Oct. 4.
 Finger ring. B. Skaletsky. Des. 73,586-7; Oct. 4.
 Fire-alarm signal, Automatic. F. H. Gruettner. 1,644,124; Oct. 4.
 Fireplace. G. D. Alford. 1,644,219; Oct. 4.
 Fire-prevention apparatus. J. P. O'Neill. 1,644,603; Oct. 4.
 Fish rods, Reel lock for. A. G. Hall. 1,644,429; Oct. 4.
 Flash-light case. D. C. Harris. 1,644,125-6; Oct. 4.
 Flitting device. E. J. Doberstein. 1,644,241; Oct. 4.
 Float device, Decanting and filtering. S. L. Goldman. 1,644,248; Oct. 4.
 Flower holder. F. Carder. Des. 73,557; Oct. 4.
 Flowerpot die. G. Lowry. 1,644,341; Oct. 4.
 Fluid-pressure brake. J. M. Dapron. 1,644,568; Oct. 4.
 Fluid-pressure brake. C. C. Farmer. 1,644,569; Oct. 4.
 Folding table. H. Howe. 1,644,133; Oct. 4.
 Folding table. A. L. Warner. 1,644,455; Oct. 4.
 Folding table. A. L. Warner. 1,644,500; Oct. 4.
 Food composition. A. Leo. 1,643,951; Oct. 4.
 Food composition. A. and H. T. Leo. 1,643,950; Oct. 4.
 Frame: See—
 Sash frame. Side frame.
 Fuel in furnaces, Method and apparatus for controlling the combustion of. J. W. Griswold. 1,644,123; Oct. 4.
 Furnace: See—
 Muffle furnace.
 Furnace arch. M. Bainter. 1,644,166; Oct. 4.
 Fuse, Electric. R. H. D. Barklie. 1,644,626; Oct. 4.
 Game board. C. Dietrichs. 1,644,514; Oct. 4.
 Game, Bowling. A. B. Dewes. 1,644,466; Oct. 4.
 Garage structure. R. Irvin. 1,643,948; Oct. 4.
 Garment-fastener means. L. Roseman. 1,644,357; Oct. 4.
 Garment supporter. H. R. Owenshire. 1,644,200; Oct. 4.
 Gas burner. W. A. Beckett. 1,644,505; Oct. 4.
 Gas cocks, Safety plug lock for. J. H. George. 1,644,578; Oct. 4.
 Gas generators, Carbide indicator for. O. Kaas. 1,644,062; Oct. 4.
 Gas heater. W. L. Sharp. Des. 73,585; Oct. 4.
 Gaseous mediums with liquids, Treating. E. M. Salerni. 1,644,089; Oct. 4.
 Gasket, Preserving. A. Yancey. 1,644,457; Oct. 4.
 Gauge: See—
 Band-tying gauge. Wheel gauge.
 Liquid gauge.
 Gear, Draft. A. H. Oelkers. 1,644,658; Oct. 4.
 Gear, Friction-draft. J. R. Cardwell. 1,644,172; Oct. 4.
 Gear, Friction-draft. W. A. Mitchell. 1,644,391; Oct. 4.
 Gear, Planetary-reduction. E. K. Baker. 1,644,222; Oct. 4.
 Gear-shift mechanism. J. S. Alspaugh. 1,643,935; Oct. 4.
 Glass, Making sheet. L. Showers. Re16,755; Oct. 4.

Glass, Method and apparatus for surfacing sheet. J. W. Crutkshank. 1,644,369; Oct. 4.
 Glass or glass-like objects, Manufacture of. E. Hope. 1,644,131; Oct. 4.
 Glass-polishing apparatus. H. K. Hitecock. 1,644,379; Oct. 4.
 Glass tile, Apparatus for making reinforced. W. Owen. 1,644,349; Oct. 4.
 Glider. J. M. Ahn. 1,644,623; Oct. 4.
 Golf bag. W. L. Howland. 1,644,592; Oct. 4.
 Golf club. A. E. Bohrke. 1,644,510; Oct. 4.
 Golf club. E. V. Myers. 1,644,392; Oct. 4.
 Golf club, Adjustable. W. R. Collins. 1,644,177; Oct. 4.
 Golf-club shaft. W. F. Reach. 1,644,083; Oct. 4.
 Governor mechanism. F. E. Best. 1,644,167; Oct. 4.
 Grain-cracking machine. S. Snyder. Re16,759; Oct. 4.
 Grease cup. W. C. Brinton, Jr. 1,644,234; Oct. 4.
 Grinders, Apparatus for feeding continuous wood-working. P. Priem. 1,644,148; Oct. 4.
 Grinding machine. L. R. Heim. 1,644,057; Oct. 4.
 Guard rails, Foot guard for. E. C. Zimmerman. 1,644,048; Oct. 4.
 Gunlock. A. R. Lerro. 1,643,952; Oct. 4.
 Hair-waving device, Permanent. B. Bognar. 1,644,321; Oct. 4.
 Hand-bag frame. W. T. Goldsmith. Des. 73,564-5; Oct. 4.
 Handle. H. C. Binkley. 1,644,620; Oct. 4.
 Handle-fastening device, Tool. R. Gabriel. 1,644,576; Oct. 4.
 Harvesting machine. P. W. Mencham. 1,644,537; Oct. 4.
 Headlight, Dirigible. J. Glennon. 1,644,427; Oct. 4.
 Headrest. H. Rosswinkle. 1,644,402; Oct. 4.
 Heater: See—
 Air heater. Orchard heater.
 Hot-water heater.
 Heater for rolls. R. L. McIntosh. 1,644,069; Oct. 4.
 Heating by steam. C. A. Dunham. 1,644,114; Oct. 4.
 Heating device. F. E. Karg. 1,644,595; Oct. 4.
 Heating device, Electrical. A. J. Kercher and W. W. Hicks. 1,644,255; Oct. 4.
 Hinge. A. J. and J. A. Deby. 1,644,638; Oct. 4.
 Hinge and doorcheck, Combined. J. H. Harrison. 1,644,249; Oct. 4.
 Hinge, Table leaf. W. A. Noack. 1,644,440; Oct. 4.
 Hog leader and crate, Combined. J. Pallas, Jr. 1,644,201; Oct. 4.
 Hook: See—
 Snap hook.
 Hose reel. C. R. Parker. 1,643,993; Oct. 4.
 Hosiery, Gartered. P. A. Fischer. 1,644,185; Oct. 4.
 Hot-air motor. J. Koelnig. 1,644,256; Oct. 4.
 Hot-water heater. O. Bjorklund. 1,644,228; Oct. 4.
 House for sows, Farrowing. C. F. Walsh. 1,644,212; Oct. 4.
 Hydraulic jack. E. W. Anderson. 1,644,101; Oct. 4.
 Ice tank, Refrigerator. V. P. Warren. 1,644,408; Oct. 4.
 Ice-scoring machine. R. H. Roark. 1,644,396; Oct. 4.
 Identification mechanism. J. H. Horsburgh. 1,644,132; Oct. 4.
 Ignition-controlling apparatus. A. Howard. 1,644,591; Oct. 4.
 Ignition device. W. Hermann. 1,644,190; Oct. 4.
 Illuminating device. L. R. Spencer. 1,644,287; Oct. 4.
 Incubator. C. Cuyver. 1,644,634; Oct. 4.
 Indexing device. N. Warshaw. 1,644,162; Oct. 4.
 Indexing mechanism. A. J. Ott and C. L. Ott. 1,644,540; Oct. 4.
 Inflating and injecting device. L. H. Crook. 1,643,945; Oct. 4.
 Insulating and plaster holding wall and ceiling covering. W. E. Nelson and T. B. Hennessey. Re16,753; Oct. 4.
 Insulator support. C. Christensen. 1,643,943; Oct. 4.
 Insulators, Apparatus for testing. F. C. Doble. 1,644,422; Oct. 4.
 Internal-combustion engine. K. Elermann. 1,644,517; Oct. 4.
 Internal-combustion engine. S. Elliot. 1,644,329; Oct. 4.
 Internal-combustion engine, Rotary. V. Z. Post. 1,644,490; Oct. 4.
 Inverter. W. W. Wallace. 1,644,407; Oct. 4.
 Jack: See—
 Hydraulic jack.
 Jar-closing machine. T. L. Talliaferro. 1,644,209; Oct. 4.
 Joint: See—
 Rail joint.
 Kettle balls, Supporting. R. N. Kircher. 1,644,063; Oct. 4.
 Key lock. E. O. Bennett. 1,644,365; Oct. 4.
 Lamp. E. E. Wiese. Des. 73,590; Oct. 4.
 Lamp arm. J. B. Salterini. Des. 73,582-4; Oct. 4.
 Lamp, Bridge. J. R. Salterini. Des. 73,581; Oct. 4.
 Lamp fixture. W. H. Spencer. 1,644,452; Oct. 4.
 Lamp for instrument boards of motor vehicles. C. H. H. Rodanet. 1,644,277; Oct. 4.
 Lamp grip. M. N. Russell. 1,644,038; Oct. 4.
 Lamp, Vehicle. G. H. Stiles. 1,643,963; Oct. 4.
 Lamps, Glare shield for electric. G. L. Baker. 1,643,937; Oct. 4.
 Lamps, Light indicator for reflector. A. St. Clair. 1,644,207; Oct. 4.

Latch, Door. W. C. Devereaux. 1,644,240; Oct. 4.
 Latch-release mechanism. H. L. Beach. 1,643,974; Oct. 4.
 Latch, Telephone. J. Krive. 1,644,194; Oct. 4.
 Lathe, Turret. G. E. Cuttat. 1,644,560; Oct. 4.
 Lawn-grooving machine. D. A. McBride. 1,644,068; Oct. 4.
 Lens block. L. W. Bugbee, Jr. 1,643,978; Oct. 4.
 Lens disk analyzer, Plural. C. F. Jenkins. 1,644,383; Oct. 4.
 License-plate holder. F. J. Fearson. 1,644,423; Oct. 4.
 Lifter: See—
 Valve-spring lifter.
 Lighting circuit. R. G. McCurdy. 1,644,024; Oct. 4.
 Lighting fixture. M. Block. Des. 73,555; Oct. 4.
 Lighting-fixture backplate or analogous article. J. Horowitz. Des. 73,569; Oct. 4.
 Lighting-fixture backplate or analogous article. I. Levy. Des. 73,572; Oct. 4.
 Lighting fixture, Electric. T. F. Bennett. 1,643,940; Oct. 4.
 Lighting-fixture part or analogous article. J. Horowitz. Des. 73,568; Oct. 4.
 Lighting fixtures, Adapter for. G. E. Villaret. Des. 73,589; Oct. 4.
 Light support. H. J. Bosworth. 1,644,231; Oct. 4.
 Lined pipe. B. Talbot. 1,644,361; Oct. 4.
 Link, Tire-chain. C. S. Barrell. 1,644,627; Oct. 4.
 Liquid gauge. F. Cosgro. 1,644,415; Oct. 4.
 Liquids, Controlling the distribution of. F. A. Tittmore and C. S. Renwick. 1,643,969; Oct. 4.
 Load-brake device. C. C. Farmer and T. H. Thomas. 1,644,567; Oct. 4.
 Lock: See—
 Compound lock. Nut lock.
 Key lock.
 Lock. J. G. Malouf. 1,644,022; Oct. 4.
 Lock. L. B. Shinn. 1,644,092; Oct. 4.
 Lock mechanism, Combination. P. S. Millice. 1,644,050; Oct. 4.
 Locomotive-type boiler. J. B. Brown and J. P. Kane. 1,644,463; Oct. 4.
 Looms, Bobbin support for filling-replenishing. E. C. Burnham. 1,644,644; Oct. 4.
 Looms, Driving end for. H. D. Hathaway. 1,644,374; Oct. 4.
 Looms, Stop motion for. A. R. Jones. 1,644,047; Oct. 4.
 Looms, Weft-end clearer for weft-replenishing. P. Keegan. 1,644,648; Oct. 4.
 Lubricant-receiving nipple and cap therefor. A. G. Anderson. 1,644,220; Oct. 4.
 Lubricating apparatus. F. S. Carr. 1,644,173; Oct. 4.
 Lubricating apparatus, Dust cap for. G. Johnson. 1,644,253; Oct. 4.
 Lubricating nipple and cap therefor. M. F. Carr. 1,644,174; Oct. 4.
 Lubricating nipple and cap therefor. M. F. Carr. 1,644,236; Oct. 4.
 Lubricating system. E. F. Pierce. 1,644,202; Oct. 4.
 Lubricating system. W. B. Sibley. 1,644,156; Oct. 4.
 Lubricator: See—
 Pressure lubricator.
 Machine for assembling and stitching signatures. E. R. Knast. 1,644,192; Oct. 4.
 Machine for folding packing and the like. W. Crooks. 1,644,416; Oct. 4.
 Machinery, Agricultural. F. A. Krieger. 1,644,596; Oct. 4.
 Marker gauge, Combination. W. R. Schlage. 1,644,403; Oct. 4.
 Marking machines, Type-wheel-aligning device for. R. Osborne and C. F. Miller. 1,644,144; Oct. 4.
 Massaging and lubricating the human system, Device for. S. E. Pelphrey. 1,644,606; Oct. 4.
 Material-gathering machine. T. E. Pray. 1,644,204; Oct. 4.
 Materials, such as coal, Apparatus for concentrating. E. Deister. 1,644,112; Oct. 4.
 Mattress. J. I. Morgau. 1,644,600; Oct. 4.
 Measuring device, Automatically-recolling height. E. H. Hand. 1,643,985; Oct. 4.
 Measuring device, Liquid. R. P. Heron. 1,644,589; Oct. 4.
 Measuring fluids for turbidity, color, and other characteristics, Apparatus for. W. G. Extou. 1,644,330-1; Oct. 4.
 Medical preparation containing arsenic and making the same. I. Ostromilensky. 1,644,348; Oct. 4.
 Medicinal powders, Apparatus to render possible the inhalation of. N. R. Di Cristina. 1,643,983; Oct. 4.
 Memorandum books and similar devices, Loose-leaf binder for. W. A. Ringler. 1,644,034; Oct. 4.
 Meter: See—
 Current meter.
 Mica plates, Apparatus for the manufacture of. J. Borer. 1,644,631; Oct. 4.
 Milking apparatus, Cow. G. A. Brodie. 1,644,413; Oct. 4.
 Milking machine. S. H. Knapp. 1,644,435; Oct. 4.
 Mill: See—
 Expanding mill.
 Mill rolls, Process and apparatus for finishing. J. W. Cornelius. 1,644,512; Oct. 4.
 Mills, Intermediate bagasse carrier for cane-sugar. J. A. Perez. 1,644,607; Oct. 4.

Mills, Intermediate bagasse chute for cane-sugar. J. A. Perez. 1,644,608; Oct. 4.
 Mining machine. A. B. Benedict. 1,644,227; Oct. 4.
 Mining machine. E. J. Doberstein. 1,644,183; Oct. 4.
 Mining machine. W. T. McCullough. 1,644,345; Oct. 4.
 Mining machine. R. J. Wood. 1,644,216; Oct. 4.
 Molding and vulcanizing apparatus. J. L. G. Dykes. 1,644,327; Oct. 4.
 Motor: See—
 Hot-air motor.
 Mowing machine. C. S. Brown. 1,644,563; Oct. 4.
 Muffle furnace. W. G. Bridge and W. A. Pervier. 1,644,107; Oct. 4.
 Multiwheelers, Drive mechanism for. A. I. Marcum. 1,644,023; Oct. 4.
 Mute. A. B. Pinard. 1,644,272; Oct. 4.
 Needle, Hypodermic. G. N. Hein. 1,644,657; Oct. 4.
 Nitro compounds, Reduction of. R. A. Nelson and A. Prasil. 1,644,483-4; Oct. 4.
 Nozzles, Spray attachment for hose. R. Miller. 1,644,072; Oct. 4.
 Nut lock. E. W. Utzler. 1,644,554; Oct. 4.
 Oil burner. L. L. Scott. 1,644,496; Oct. 4.
 Oil burner, Low-pressure. H. F. Tate. 1,643,967; Oct. 4.
 Oil cup. C. E. Linebarger. 1,644,136-8; Oct. 4.
 Oil cup. P. Upham. 1,644,210; Oct. 4.
 Oil engine. O. A. Banner. 1,644,556-7; Oct. 4.
 Oil gas, Manufacturing. R. D. Pike. 1,644,146; Oct. 4.
 Oil well derrick and shortening same. W. A. Trout. 1,644,499; Oct. 4.
 Oil wells, Flexible casing for. W. A. Trout. 1,644,553; Oct. 4.
 Oils, Continuous distillation of hydrocarbon. J. R. Carringer. 1,644,324; Oct. 4.
 Orchard heater. D. Smith. 1,644,498; Oct. 4.
 Overshoe and manufacturing the same. C. H. Baker. 1,644,364; Oct. 4.
 Overshoe pattern. W. E. Piper. 1,643,995; Oct. 4.
 Overshoe, Sport. W. B. Wreford. 1,644,217; Oct. 4.
 Paintbrush, Magazine. R. Rogers. 1,644,356; Oct. 4.
 Paint finish, Forming an artistic. C. H. Egelhoff. Re16,760; Oct. 4.
 Paper and making same. H. A. Smith. 1,644,451; Oct. 4.
 Paper machines, Portable air jet for. F. Bedard. 1,644,226; Oct. 4.
 Paper manufacture, Apparatus for. C. W. Unkle. 1,644,620; Oct. 4.
 Paper pulp, Treatment of. C. R. Robinson. 1,644,447; Oct. 4.
 Parachute. H. E. Hawes. 1,644,251; Oct. 4.
 Paring machine, Vegetable. H. Robinson. 1,644,448; Oct. 4.
 Patch, Blow-out. G. E. Blaylock. 1,644,104; Oct. 4.
 Pattern: See—
 Plate pattern.
 Perambulator. F. H. Headley. 1,644,473; Oct. 4.
 Performing device, Casing. T. M. Darling. 1,644,637; Oct. 4.
 Picking up objects and articles. J. C. Brown. 1,644,266; Oct. 4.
 Pile fabrics, Making. T. Bachofen. 1,644,319; Oct. 4.
 Piles, Apparatus for removing. E. Bignell. 1,644,560; Oct. 4.
 Pin-locking means. W. W. Swayze. 1,644,618; Oct. 4.
 Pipe: See—
 Concrete pipe. Lined pipe.
 Pipe and making the same, Water. B. Talbot. 1,644,360; Oct. 4.
 Pipe cleaner, Drain. A. Locke. 1,644,436; Oct. 4.
 Pipe wrench. C. J. Harris. 1,644,522; Oct. 4.
 Pipes and other articles, Cleaning device for tobacco. C. H. Fitz Gerald and G. H. Hutchins. 1,644,574; Oct. 4.
 Planter, Seed. H. N. Oliver. 1,644,602; Oct. 4.
 Plate or similar article. C. J. Noke. Des. 73,577; Oct. 4.
 Plate or similar article. J. H. Wilson. Des. 73,591; Oct. 4.
 Plate pattern, Watch. L. G. Copeman. 1,644,368; Oct. 4.
 Pliers, Electrician's. V. Pellegrino. 1,644,351; Oct. 4.
 Plucking machine. E. Warner. 1,644,621; Oct. 4.
 Plug, Pipe-testing. J. Florence. 1,644,118; Oct. 4.
 Plug, Sparking. E. J. Buckingham. 1,644,633; Oct. 4.
 Powder box. G. Huret. Des. 73,570; Oct. 4.
 Powder container. J. Heilbron. 1,644,377; Oct. 4.
 Power transmission. F. Hymans. 1,644,337; Oct. 4.
 Press: See—
 Clothes press.
 Pressure lubricator. J. F. MacIndoe. 1,644,343; Oct. 4.
 Pressure lubricator. H. Ratyca. 1,643,956; Oct. 4.
 Printer's composing stick. E. H. Rathbun. 1,644,033; Oct. 4.
 Printing machine. F. Bridges, H. Firman, H. W. Tisdale, and B. D. W. Hoskins. 1,644,232; Oct. 4.
 Printing machine. F. W. Wright. 1,644,218; Oct. 4.
 Printing sheet, Flexible. E. Lichtenstein. 1,644,597; Oct. 4.
 Projector compositions, Defensive and offensive. J. A. Prentice. 1,643,954; Oct. 4.
 Propelling device. J. F. Lyon. 1,644,259; Oct. 4.
 Pulley. E. M. Adams. 1,644,164; Oct. 4.
 Pulley, Saab-weight. E. S. Relland and P. M. Relland. 1,644,276; Oct. 4.

Pump. E. F. Ross. 1,644,401; Oct. 4.
 Pump, Multistage balanced. A. Hollander. 1,644,129; Oct. 4.
 Pumping apparatus, Variable-counterweight for. H. L. Owen. 1,644,393; Oct. 4.
 Purse clip. H. J. Shook. 1,644,616; Oct. 4.
 Pyrometer, Optical. G. Kelnath. 1,644,340; Oct. 4.
 Rack; See—
 Clothes rack.
 Radiator. V. Paone. 1,644,270; Oct. 4.
 Radiator ornament. L. B. Campbell. 1,644,051; Oct. 4.
 Radioactive substances, Artificially producing. A. Gascher. 1,644,370; Oct. 4.
 Radio and telephone reception, Sound amplifier for. J. Pavak. 1,644,605; Oct. 4.
 Radius rod. F. W. Wilkins. 1,643,970; Oct. 4.
 Radius-rod holder. W. L. Roper. 1,644,037; Oct. 4.
 Rail anchor. H. G. Warr. 1,644,179; Oct. 4.
 Rail anchor, One-piece spring. A. J. Cook. 1,644,178; Oct. 4.
 Rail anchors, Apparatus for manufacturing. L. A. Schneider. 1,644,283; Oct. 4.
 Rail clamp. H. Schultz. 1,644,358; Oct. 4.
 Rail-fastening means. W. F. Hart. 1,644,373; Oct. 4.
 Rail joint. W. T. Burkhalter and J. Stripling. 1,644,235; Oct. 4.
 Rail-securing device. E. W. Ferguson. 1,644,184; Oct. 4.
 Railway-traffic-controlling apparatus. L. O. Grondahl. 1,644,428; Oct. 4.
 Ratchet wrench. W. J. O'Neill. 1,644,079; Oct. 4.
 Razor, Safety. C. H. Hapgood. 1,644,187; Oct. 4.
 Reactor. W. B. Kirke. 1,644,135; Oct. 4.
 Receptacle, Deposit. J. M. Sawdey. 1,644,039; Oct. 4.
 Receptacle, Money. I. H. Shafer. 1,644,495; Oct. 4.
 Receptacle, Smoker's. W. A. Freeman. 1,644,245; Oct. 4.
 Receptacles, Apparatus for washing. I. H. Kendall. 1,644,386; Oct. 4.
 Receptacles, Bushing for metal. C. F. Schriener. 1,644,153-4; Oct. 4.
 Receptacles, Cleansing milk. I. H. Kendall. 1,644,385; Oct. 4.
 Reed-bending and tuft-forming apparatus. L. J. Remmele. 1,644,355; Oct. 4.
 Reel; See—
 Hose reel.
 Refill and puff holder, Combined. P. A. Reutter. 1,644,055; Oct. 4.
 Reflector. G. B. Heath. 1,644,128; Oct. 4.
 Refrigerating apparatus. A. P. Anderson. 1,644,165; Oct. 4.
 Refrigerating appliance. C. A. Moore. 1,644,073; Oct. 4.
 Regulator system. C. L. Fortescue. 1,644,467; Oct. 4.
 Relay, Time-limit. H. H. W. Herbers. 1,644,430; Oct. 4.
 Reverse-motion brake, Automatic. W. Jones. 1,644,061; Oct. 4.
 Rheostat, Pneumatically-controlled. H. V. Haight. 1,644,016; Oct. 4.
 Rides, Rear sight for. J. H. Redfield. 1,644,149; Oct. 4.
 Rim carrier, Demountable. H. Taylor. 1,644,159; Oct. 4.
 Ring. G. C. Beckstein. Des. 73,554; Oct. 4.
 Road-forming materials, Spreading discrete. M. E. W. Fitz Gerald and F. F. Maynard. 1,644,575; Oct. 4.
 Road machine, Concrete. E. G. Carr. 1,644,511; Oct. 4.
 Rod; See—
 Radius rod.
 Roller and semiroller chains, Apparatus for manufacturing. M. Bloomer. 1,644,561; Oct. 4.
 Roof. Car. C. D. Bensall. 1,643,975; Oct. 4.
 Roof, Car. W. P. Murphy. 1,643,991; Oct. 4.
 Rubber articles, Manufacturing seamed hollow. R. T. Griffiths. 1,644,122; Oct. 4.
 Safe, Wall. S. L. Belknap. 1,644,410; Oct. 4.
 Safety clasp. R. J. Browning. 1,644,562; Oct. 4.
 Sandwich holder. I. Hirtz. Des. 73,567; Oct. 4.
 Sash frame. A. L. Doering. 1,644,645; Oct. 4.
 Sash retaining device, Window. F. Rooney. 1,644,036; Oct. 4.
 Seat; See—
 Automobile seat.
 Car seat.
 Separator. D. T. Sharples. 1,644,615; Oct. 4.
 Saw and drill, Combination portable electric. H. W. Howland. 1,644,432; Oct. 4.
 Saw, Portable motor-driven. J. M. Crowe. 1,644,326; Oct. 4.
 Saw, Tree. R. Wlard and A. J. Van Sise. 1,644,316; Oct. 4.
 Sawing machine, Cut-off. P. D. Parsons. 1,643,994; Oct. 4.
 Scraper. J. S. Housman. 1,644,252; Oct. 4.
 Scraper. G. W. Packer. 1,644,269; Oct. 4.
 Scraper, Draft-operated. A. B. Esseltine. 1,644,243; Oct. 4.
 Scraper, Draft-operated. C. F. Poole. 1,644,273-4; Oct. 4.
 Screen. A. E. Greene. 1,644,121; Oct. 4.
 Screw-driving guide, Electric. E. G. Morgan. 1,644,074; Oct. 4.
 Scrubbing machine, Electric. R. E. Hendricks. 1,644,189; Oct. 4.
 Separator. D. T. Sharples. 1,644,615; Oct. 4.
 Separators, Apparatus for cleaning the bowls of centrifugal. H. O. Lindgren. 1,644,358; Oct. 4.
 Septic tank. H. A. Ledyard and J. J. Jelley. 1,644,532; Oct. 4.

Service-recording device, Motorist's. T. P. Hagerman. 1,644,471; Oct. 4.
 Settling machine, Centrifugal. F. C. Rawolle. 1,644,402; Oct. 4.
 Sewing machines and the like, Driving and supporting means for. A. B. Spencer and F. E. Walker. 1,644,651; Oct. 4.
 Sewing machines, Feeding mechanism for. J. C. Ringe. 1,644,544; Oct. 4.
 Shadow-producing agent and making the same. B. Rapp. 1,644,446; Oct. 4.
 Shears and the like, Vibrating cutter for sheep. M. W. McArdle. 1,644,140; Oct. 4.
 Shears, Vibrating cutter for sheep. M. W. McArdle. 1,644,141; Oct. 4.
 Sheet metal, Bracing apparatus for. R. T. Romine. 1,644,278-9; Oct. 4.
 Shellac for bleaching purposes, Decolorizing, treating, and dissolving. F. C. Rawolle. 1,644,491; Oct. 4.
 Shlm. J. L. Bredar. 1,644,412; Oct. 4.
 Shock absorber for vehicles. H. D. Church. 1,644,653-4; Oct. 4.
 Shock absorber for vehicles. C. Marcus. 1,644,438; Oct. 4.
 Shoe-fitting device. R. P. Morse. 1,644,075; Oct. 4.
 Side frame. M. H. Martin. 1,644,071; Oct. 4.
 Signal; See—
 Vehicle signal.
 Signal box. J. S. Moore. Des. 73,574; Oct. 4.
 Signal switch. A. E. Miller. 1,644,538; Oct. 4.
 Signs, Apparatus for producing series of. A. G. Damm. 1,644,239; Oct. 4.
 Silicon-iron and aluminum-copper alloys, Production of. F. D. Shumaker. 1,644,000; Oct. 4.
 Sluice-gate construction. H. B. Pratt. 1,644,445; Oct. 4.
 Snap hook. H. S. Bilderback. 1,644,168; Oct. 4.
 Socket, Switching. W. Leschman. 1,644,479; Oct. 4.
 Socket, Three-way. W. He. 1,644,493; Oct. 4.
 Socket, Vented electric. E. D. and H. A. Hallowell. 1,644,056; Oct. 4.
 Soot-blower element. N. L. Snow. 1,644,286; Oct. 4.
 Sorting and grading device. F. W. Cutler. 1,644,052; Oct. 4.
 Spacer, Multiple. F. S. Thompson. 1,643,968; Oct. 4.
 Spectacle frame. E. Pappert. Des. 73,578; Oct. 4.
 Speech recording or reproducing machines, Record cylinder carrier of. W. Greenbaum. 1,644,335; Oct. 4.
 Speed transmission, Automatic variable. S. E. Sanderson. 1,644,614; Oct. 4.
 Spinning or winding machines, Builder mechanism for yarn. H. H. Burdett. 1,644,643; Oct. 4.
 Spoon or similar article. F. W. Stark. Des. 73,588; Oct. 4.
 Spraying apparatus. F. C. Noel. 1,644,486; Oct. 4.
 Sprinkler system, Dry-pipe. A. J. Loepsinger. 1,644,534; Oct. 4.
 Stand; See—
 Display stand.
 Stapling device. J. D. Clemence. 1,644,176; Oct. 4.
 Steam boiler. P. N. F. Langen. 1,644,064; Oct. 4.
 Steam generator, Continuous-water-tube flash-type. J. H. O'Neill. 1,644,078; Oct. 4.
 Stitch-picking device. O. Peterson. 1,644,444; Oct. 4.
 Stockings. J. E. Fitzgibbon. Des. 73,561; Oct. 4.
 Storage battery. W. E. Holland and W. H. Grinditch. 1,644,590; Oct. 4.
 Stoves, Electrical lighter for gas. E. P. Bogan. 1,644,230; Oct. 4.
 Stoves, Grate for oil and gas. L. T. Wilcox. 1,644,502; Oct. 4.
 Stuffing box. A. C. Pittman. 1,644,459; Oct. 4.
 Stuffing box. W. Wishart. 1,643,971; Oct. 4.
 Sublimation apparatus. C. Field. 1,644,518; Oct. 4.
 Surface breaking and loosening machine. F. M. Hargrave. 1,644,582; Oct. 4.
 Sweeper and floor polisher, Convertible vacuum. E. H. Blanchard and D. Mott. 1,644,169; Oct. 4.
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170: 1,644,121	224— 29: 1,644,159	52: 1,644,287	1,644,311	28: 1,644,216	316: 1,644,091
7: 1,644,519	236— 75: 1,643,990	62: 1,644,427	1,644,312	30: 1,644,183	55: 1,644,032
24: 1,644,318	87: 1,644,209	78: 1,644,452	1,644,313	1,644,227	1,644,046
1,644,359	229— 5.6: 1,644,506	106: 1,643,940	1,644,234	295— 39: 1,644,147	296— 44: 1,643,939
25: 1,644,289	48: 1,644,411	242— 43.7: 1,644,643	248— 9: 1,644,231	33: 1,644,181	45: 1,644,018
33: 1,644,639	76: 1,644,095	71: 1,643,762	249— 54: 1,644,260	9: 1,644,167	138: 1,644,025
6: 1,644,577	230— 26: 1,644,007	85: 1,643,945	250— 27.5: 1,644,601	1: 1,644,414	145: 1,643,942
35: 1,644,391	27: 1,643,945	124: 1,644,099	251— 164: 1,644,578	1,644,653	1,643,979
38: 1,644,172	150: 1,644,259	12: 1,644,362	252— 2.5: 1,644,439	41: 1,644,224	104: 1,644,486
1,644,658	212: 1,643,996	10: 1,644,015	253— 10: 1,644,328	45: 1,644,468	110: 1,644,290
214— 1: 1,644,386	232— 4: 1,644,495	245— 10: 1,644,015	43: 1,644,358	66: 1,643,970	129: 1,644,072
215— 40: 1,644,457	1,644,539	246— 34: 1,644,428	150: 1,644,509	1,644,037	300— 7: 1,644,355
1,644,458	24: 1,644,215	67: 1,644,346	184: 1,644,345	197: 1,644,164	301— 44: 1,644,536
44: 1,643,964	41: 1,644,039	180: 1,643,976	197: 1,644,164	270— 53: 1,644,192	63: 1,644,163
1,643,965	233— 14: 1,644,492	254: 1,644,013	11: 1,644,434	271— 27: 1,644,549	6.1: 1,644,380
51: 1,644,542	42: 1,644,615	463: 1,644,291	51: 1,644,026	273— 35: 1,644,392	18: 1,644,551
216— 14: 1,644,044	235— 59: 1,644,504	247— 25: 1,644,292	61: 1,644,142	79: 1,644,177	23: 1,644,550
33: 1,644,262	134: 1,644,559	1,644,293	257— 39: 1,644,520	80: 1,644,510	31: 1,644,558
217— 125: 1,644,478	236— 15: 1,644,123	1,644,295	125: 1,644,270	81: 1,644,083	40: 1,644,569
8: 1,644,237	25: 1,644,127	1,644,296	260— 11: 1,644,258	128: 1,644,468	57: 1,644,568
32: 1,644,190	34: 1,644,325	1,644,297	60: 1,644,494	40: 1,644,335	80: 1,644,571
35: 1,644,107	58: 1,644,109	1,644,298	69: 1,644,483	8: 1,644,031	88: 1,644,570
37: 1,644,255	12: 1,644,114	1,644,299	1,644,484	14: 1,644,575	305— 37: 1,644,576
47: 1,644,069	237— 12: 1,644,114	1,644,300	1,644,485	276— 39: 1,644,033	308— 159: 1,644,005
220— 19: 1,644,472	238— 235: 1,644,235	1,644,301	1,644,486	277— 13: 1,644,093	196: 1,644,611
39: 1,644,153	295: 1,644,184	1,644,302	1,644,487	278— 1: 1,644,524	201: 1,643,982
1,644,154	330: 1,644,178	1,644,303	1,644,488	280— 22: 1,644,023	
42: 1,644,001	379: 1,644,048	1,644,304	1,644,489		
54: 1,643,958	240— 8.16: 1,644,277				
221— 47.3: 1,644,156					

ALPHABETICAL LIST OF REGISTRANTS OF TRADE-MARKS.

- A/S Vinmonopolet. (See Lysholm, Jörgen B., assignor.)
 Acme Brick Company, Fort Worth, Tex. Brick. 233,747; Oct. 11; Serial No. 250,284; published Aug. 2, 1927. Class 12.
 Acme Brick Company, Fort Worth, Tex. Brick. 233,783; Oct. 11; Serial No. 249,458; published July 19, 1927. Class 12.
 Acme Brick Company, Fort Worth, Tex. Brick. 233,796; Oct. 11; Serial No. 250,779; published Aug. 2, 1927. Class 12.
 Acme Brick Company, Fort Worth, Tex. Brick. 233,803; Oct. 11; Serial No. 250,885; published Aug. 2, 1927. Class 12.
 Acme Brick Company, Fort Worth, Tex. Brick. 233,848; Oct. 11; Serial No. 250,667; published Aug. 2, 1927. Class 12.
 Acme Brick Company, Fort Worth, Tex. Brick. 233,849; Oct. 11; Serial No. 250,663; published Aug. 2, 1927. Class 12.
 Acme Brick Company, Fort Worth, Tex. Brick. 233,850; Oct. 11; Serial No. 250,065; published Aug. 2, 1927. Class 12.
 Acme Steel Company, Chicago, Ill. Galvanized stapling wire. 233,751; Oct. 11; Serial No. 250,346; published July 26, 1927. Class 14.
 Alligator Company, The, St. Louis, Mo. Waterproof cloth, awnings, and tarpaulins. 233,719; Oct. 11; Serial No. 249,768; published July 28, 1927. Class 50.
 Alligator Company, The, St. Louis, Mo. Sheets, ground blankets, covering blankets, etc. 233,720; Oct. 11; Serial No. 249,770; published July 28, 1927. Class 50.
 Aluminum Company of America, Pittsburgh, Pa. Caps for Mason Jars. 233,837; Oct. 11; Serial No. 250,485; published Aug. 2, 1927. Class 50.
 Aluminum Industries, Inc., Cincinnati, Ohio. Toy automobiles. 233,729; Oct. 11; Serial No. 250,006; published July 26, 1927. Class 14.
 Amalgamated Paint Company, New York, N. Y. Paints, varnishes, and paint enamels. 233,752; Oct. 11; Serial No. 250,347; published Aug. 2, 1927. Class 16.
 American Fork & Hoe Company, The. (See Otsego Fork & Mills Co. Ltd., assignor.)
 American Smelting & Refining Company, New York, N. Y., and San Francisco, Calif. Nonferrous metals, lead, babbitt, etc. 233,755; Oct. 11; Serial No. 225,543; published July 26, 1927. Class 14.
 American Smelting & Refining Company, New York, N. Y., and San Francisco, Calif. Metals, lead, babbitt, etc. 233,762; Oct. 11; Serial No. 225,539; published July 26, 1927. Class 14.
 American Smelting and Refining Company, New York, N. Y., and San Francisco, Calif. Dry paint. 233,827; Oct. 11; Serial No. 248,618; published Aug. 2, 1927. Class 16.
 American Wholesale Corporation (Baltimore Bargain House), Baltimore, Md. Sweaters, bathing suits, and woven and knitted underwear. 233,979; Oct. 11. Class 39.
 Anchor Cap & Closure Corporation, Long Island City, N. Y. Cap openers, closure-applying machines, etc. 233,875; Oct. 11; Serial No. 244,910; published Aug. 2, 1927. Class 23.
 Anglo-Chilean Consolidated Nitrate Corporation, New York, N. Y. Nitrate of soda. 233,846; Oct. 11; Serial No. 250,592; published Aug. 2, 1927. Class 6.
 Ashbrook, A. E., Madison, Wis. Surfacing material of bituminous mix to be laid upon any standard base in the resurfacing of old streets, roads, etc. 233,876; Oct. 11; Serial No. 244,970; published Aug. 2, 1927. Class 12.
 Associated Pharmacists of Massachusetts, Inc., Salem, Mass. Ointment. 233,789; Oct. 11; Serial No. 249,564; published Aug. 2, 1927. Class 6.
 Associated Portland Cement Manufacturers, Limited, The, London, England. Portland cement. 233,936; Oct. 11; Serial No. 249,253; published July 19, 1927. Class 12.
 Atlantic Mills, The, Olneyville, R. I., and Stottville, N. Y. Woolen flannels. 233,992; Oct. 11. Class 42.
 Autoseal Co. (See Williams, Joshua H.)
 Backer Metal Specialties Corporation, New York, N. Y. Smokers' ash-receiving stands. 233,867; Oct. 11; Serial No. 248,028; published Aug. 2, 1927. Class 8.
 Badger Pickle Co., Mattoon, Wis. Sweet pickles. 233,804; Oct. 11; Serial No. 250,893; published Aug. 2, 1927. Class 46.
 Baker Brothers Company, Streator, Ill. Canned vegetables, fruits, berries, etc. 233,929; Oct. 11; Serial No. 245,825; published July 26, 1927. Class 46.
 Barger & Gollightly, Paducah, Ky. Fresh strawberries, dewberries, raspberries, and apples. 233,858; Oct. 11; Serial No. 247,771; published Aug. 2, 1927. Class 46.
 Barnett Leather Co., Inc., New York, N. Y. Fur calf-skins. 233,894; Oct. 11; Serial No. 249,037; published July 26, 1927. Class 1.
 Beebe Company, The, Portland, Oreg. Portable air mattress. 233,908; Oct. 11; Serial No. 238,422; published Aug. 2, 1927. Class 32.
 Bendix, Inc., New York, N. Y. Piece goods. 233,938; Oct. 11; Serial No. 249,148; published June 28, 1927. Class 42.
 Betts & Mumperton, New York, N. Y. Face powder, toilet creams, and extracts for perfumes. 233,951; Oct. 11; Serial No. 242,078; published Aug. 2, 1927. Class 6.
 Big Diamond Mills Company, Minneapolis, Minn. Wheat flour. 233,880; Oct. 11; Serial No. 243,744; published July 12, 1927. Class 46.
 Birdsboro Steel Foundry and Machine Company, Birdsboro, Pa. Steel rolls. 233,939; Oct. 11; Serial No. 248,809; published Aug. 2, 1927. Class 23.
 Birgelein, Walter M., doing business as Milwaukee Malt Syrup Company, Minneapolis, Minn. Malt sirup. 233,987; Oct. 11. Class 46.
 Blechman, S., & Sons, Inc., New York, N. Y. Rubber sheeting. 233,900; Oct. 11; Serial No. 247,256; published July 19, 1927. Class 50.
 Blumenthal, Sidney, & Co. Inc., New York, N. Y. Pile fabrics. 233,891; Oct. 11; Serial No. 251,120; published Aug. 2, 1927. Class 42.
 Blumenthal, Sidney, & Co. Inc., New York, N. Y. Pile fabrics. 233,892; Oct. 11; Serial No. 251,118; published Aug. 2, 1927. Class 42.
 Blumenthal, Sidney, & Co. Inc., New York, N. Y. Pile fabrics. 233,894; Oct. 11; Serial No. 251,111; published Aug. 2, 1927. Class 42.
 Blumenthal, Sidney, & Co. Inc., New York, N. Y. Pile fabrics. 233,894; Oct. 11; Serial No. 251,111; published Aug. 2, 1927. Class 42.
 Blumenthal, Sidney, & Co. Inc., New York, N. Y. Pile fabrics. 233,914; Oct. 11; Serial No. 251,217; published Aug. 2, 1927. Class 42.
 Bogle, Chesley M., doing business as Sauer Ju Sales Co., Seattle, Wash. Sauerkraut juice. 233,902; Oct. 11; Serial No. 249,888; published July 26, 1927. Class 46.
 Booth Fisheries Company. (See Northwestern Fisheries Company, assignor.)
 Borden, M. C. D., & Sons, Inc., New York, N. Y. Cotton piece goods. 233,915; Oct. 11; Serial Nos. 251,168; published Aug. 2, 1927. Class 42.
 Borden, M. C. D., & Sons, Inc., New York, N. Y. Cotton piece goods. 233,961; Oct. 11; Serial No. 251,167; published Aug. 2, 1927. Class 42.
 Borts, M., Company, Chicago, Ill. Coffee, caviar, vinegar, sour tomatoes, and eggs. 233,724; Oct. 11; Serial No. 249,889; published July 26, 1927. Class 46.
 Brandes Products Corporation, Newark, N. J. Loud-speaker radioreproducers. 233,977; Oct. 11. Class 21.
 Bronston Bros. and Co., Inc., New York, N. Y. Straw hats. 233,962; Oct. 11. Class 39.
 Brownie Corporation, The, New York, N. Y. Beverage sold as a soft drink. 233,909; Oct. 11; Serial No. 237,776; published July 26, 1927. Class 45.
 Bugbird, H. C., doing business as H. C. Bugbird Co., New York, N. Y. Absorbent carbons. 233,925; Oct. 11; Serial No. 246,149; published July 26, 1927. Class 1.
 Burleson, Thomas W., Waxahatchie, Tex. Honey. 233,753; Oct. 11; Serial No. 250,396; published July 26, 1927. Class 46.
 Butterfield, Fred., & Co. Inc., New York, N. Y. Cotton, cotton and wool, wool rayon, and rayon and cotton fabrics. 233,806; Oct. 11; Serial No. 250,973; published July 26, 1927. Class 42.
 Butterut Packers. (See Glenn, Meyer.)
 Cadolle Freres, Paris, France. Perfumes, toilet creams, toilet powders, and rouges. 233,947; Oct. 11; Serial No. 241,260; published Jan. 18, 1927. Class 6.
 Caldoro Memorial Corporation, Bedford, Ind. Building stone. 233,764; Oct. 11; Serial No. 231,584; published July 26, 1927. Class 12.
 Calzaro, Floravante L., Claridge, Pa. Palliative for the treatment of cancer. 233,802; Oct. 11; Serial No. 250,883; published Aug. 2, 1927. Class 6.
 Call, Manfred, Richmond, Va. Cast-iron parts of plows. 233,877; Oct. 11; Serial No. 244,981; published June 28, 1927. Class 23.
 Caribbean Beverage Company, New York, N. Y. Ginger ale. 233,987; Oct. 11; Serial No. 249,213; published July 26, 1927. Class 45.
 Carr, James, & Sons, assignor to James Carr & Sons, Ltd., Manchester, England. Blind ladder tapes. 25,742; renewed Dec. 25, 1924.
 Carter & Holmes, Chicago, Ill. Neckties. 233,973; Oct. 11. Class 39.
 Chamberlin Metal Weather Strip Company, Detroit, Mich. Calking. 233,954; Oct. 11; Serial No. 243,081; published July 26, 1927. Class 12.
 Chavant Mfg. Co. (See Goldenhorn, Bernard.)
 Chemical Foundation, Incorporated, The. (See Dolle, Gustav E., assignor.)
 Chemical Foundation, Incorporated, The. (See Vereinigte Chemiefabriken Zimmer & Co. Gesellschaft mit beschränkter Haftung, assignor.)
 Children's Supplies, Inc. (See Clark, Robert M., assignor.)

Chippewa Products Company, St. Louis, Mo. Product "Insecto" used in killing flies, mosquitoes, moths, etc. 233,926; Oct. 11; Serial No. 246,078; published Aug. 2, 1927. Class 6.

Clark, Rex S., doing business as Clark Cine-Service, Detroit, Mich. Moving-picture films, cameras, and projectors. 233,739; Oct. 11; Serial No. 250,113; published Aug. 2, 1927. Class 26.

Clark, Robert M., Boston, Mass., assignor to Children's Supplies, Inc., Newton, Center, Mass. Device. 55,493; renewed Aug. 14, 1926.

Cliff & Goodrich, Inc., New York, N. Y. Hosiery, underwear, and sweaters. 233,771; Oct. 11; Serial No. 233,763; published May 31, 1927. Class 39.

Colonial Sugars Company, New York, N. Y. Sugars. 233,807; Oct. 11; Serial No. 250,976; published July 26, 1927. Class 46.

Comstock Stove Co., Quincy, Ill. Stoves, ranges, gas heaters, and parts thereof. 67,827; renewed Feb. 18, 1928.

Conestoga Corporation, The, Bethlehem, Pa. Blade tools. 233,725; Oct. 11; Serial No. 249,891; published Aug. 2, 1927. Class 23.

Consolidated Iron-Steel Manufacturing Company, The, Cleveland, Ohio. Joist and wall hangers, post caps and bases. 233,724; Oct. 11; Serial No. 249,892; published July 19, 1927. Class 12.

Construction Supplies Company of America, New York, N. Y. Construction materials. 233,905; Oct. 11; Serial No. 239,240; published July 26, 1927. Class 12.

Consumers Company, The, assignor to Hydrox Corporation, Chicago, Ill. Distilled and carbonated waters. 31,147; renewed Jan. 18, 1928.

Corry, William, & Co. Limited, to Wm. Corry & Co. Limited, Belfast, Ireland, successor. Mineral or aerated waters or liquids. 31,018; renewed Dec. 21, 1927.

Crane, Edward J., Chippewa Falls, Wis. Seeds of all kinds. 233,883; Oct. 11; Serial No. 249,045; published July 19, 1927. Class 1.

Crawford Manufacturing Co., Inc., Richmond, Va. Workmen's coats. 233,974; Oct. 11. Class 39.

Cremette Company, The, Minneapolis, Minn. Tea and coffee. 233,754; Oct. 11; Serial No. 241,881; published Aug. 2, 1927. Class 46.

Cresta Blanca Company, San Francisco, Calif. Canned fruits, fruit preserves, fruit jellies, jams, etc. 233,773; Oct. 11; Serial No. 235,803; published July 26, 1927. Class 46.

Dawn Donut Company of Jackson, Jackson, Mich. Doughnuts, doughnut flour, and potato chips. 233,770; Oct. 11; Serial No. 233,480; published July 26, 1927. Class 46.

De Forest, Lee, New York, N. Y. Motion-picture films and talking-picture films. 233,778; Oct. 11; Serial No. 249,344; published Aug. 2, 1927. Class 26.

Denison Bottling Works, (See Mitchell, James A.)

Detmer, Bruner & Mason, Inc., New York, N. Y. Woolen and worsted fabrics. 233,740; Oct. 11; Serial No. 250,169; published Aug. 2, 1927. Class 42.

Di Carlo, Salvatore, Los Angeles, Calif. Grapefruit, oranges, and lemons. 233,756; Oct. 11; Serial No. 214,239; published Aug. 2, 1927. Class 46.

Dixie Club Chemical Co. (See Oatis, H. O.)

Dodge, Etlie, Sydney, New South Wales, Australia. Games. 233,760; Oct. 11; Serial No. 223,838; published July 26, 1927. Class 22.

Dolle, Gustav E., Bremen, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y. Preparation for strengthening the blood. 30,750-1; renewed Oct. 28, 1927.

Donovan, Walter R., New Haven, Conn., assignor to P. E. Le Sieur, Boston, Mass. Laundry starch. 30,431; renewed July 27, 1927.

Ducharme, F., Silk Co. Inc., New York, N. Y. Silk piece goods. 233,956; Oct. 11; Serial No. 251,126; published Aug. 2, 1927. Class 42.

Duplan Silk Corporation, New York, N. Y. Piece goods. 233,858; Oct. 11; Serial No. 250,493; published Aug. 2, 1927. Class 42.

Educational Pictures, Inc., New York, N. Y. Motion pictures. 233,851; Oct. 11; Serial No. 250,684; published Aug. 2, 1927. Class 26.

Edwards & Walker Company, Portland, Me. Golf balls. 233,984; Oct. 11. Class 22.

Egli, Hans W., to H. W. Egli & S. A., Zurich, Switzerland, successor. Calculating machines. 69,214; renewed Nov. 19, 1927.

Eldridge, R. W., Company, Charlotte, N. C. Handkerchiefs. 233,868; Oct. 11; Serial No. 248,165; published Aug. 2, 1927. Class 42.

Electro Service, Inc., Union City, N. J. Motors, generators, transformers, etc. 233,965; Oct. 11. Class 21.

Elkert Bros. Tanning Company, Milwaukee, Wis. Sole leather. 233,774; Oct. 11; Serial No. 249,269; published July 26, 1927. Class 1.

Ely & Walker Dry Goods Company, St. Louis, Mo. Piece goods made of cotton, wool, linen, silks, etc. 233,895; Oct. 11; Serial No. 251,030; published Aug. 2, 1927. Class 42.

Empire Silk Company, New York, N. Y. Silk piece goods. 233,852; Oct. 11; Serial No. 248,761; published Aug. 2, 1927. Class 42.

Eno, James C., assignor to J. C. Eno Ltd., London, England. Medicinal preparation for human use. 31,045; renewed Dec. 28, 1927.

Epstein, Oscar R., doing business as Obe Chemical Co., New York, N. Y. Cream for removing freckles. 233,935; Oct. 11; Serial No. 245,052; published Aug. 2, 1927. Class 6.

Erwin, H. H., Co., The, Philadelphia, Pa. Perfumes. 233,808-9; Oct. 11; Serial Nos. 250,985-6; published Aug. 2, 1927. Class 6.

Eureka Fire Hose Co., New York, N. Y., assignor to Eureka Fire Hose Manufacturing Company, Jersey City, N. J., and New York, N. Y. Seamless fabric hose. 30,606-7; renewed Oct. 5, 1927.

Eves, Robert L., assignor to Spurlock-Neal Co., Nashville, Tenn. Syrup for use in soft drinks, as at soda-water fountains. 31,317; renewed Feb. 22, 1928.

Excelsior Mfg. Company, (See Markt & Hammacher Company.)

Fennings, The Firm of Alfred, Cowes, England. Medicines. 64,484; renewed Aug. 6, 1927.

Fidler, H. F. & Co., Womelsdorf, Pa. Cigars. 233,732; Oct. 11; Serial No. 250,073; published July 26, 1927. Class 17.

Fire Creek Coal Company, Inc., The, New York, N. Y. Export coal. 233,872-3; Oct. 11; Serial Nos. 244,684-5; published Aug. 2, 1927. Class 1.

Flak-O-Wheat Company, The, (See Rehbock, William F.)

Fleischmann's Vienna Model Bakery, Inc., New York, N. Y. Coffee. 233,913; Oct. 11; Serial No. 251,269; published Aug. 2, 1927. Class 46.

Flintkote Company, The, (See Richardson Company assignor.)

Flintkote Company, The, Boston, Mass. Asphalt shingles and roofing. 233,861; Oct. 11; Serial No. 247,840; published July 26, 1927. Class 12.

Flintkote Company, The, Boston, Mass. Asphalt shingles and roofing. 233,864; Oct. 11; Serial No. 247,942; published July 26, 1927. Class 12.

Flintkote Company, The, Boston, Mass. Roofing felt and roofing paper, shingles, etc. 233,906; Oct. 11; Serial No. 239,028; published July 26, 1927. Class 12.

Florida Nut Products Co., West Palm Beach, Fla., and Washington, D. C. Salted and shelled nuts of all kinds. 233,839; Oct. 11; Serial No. 250,486; published Aug. 2, 1927. Class 46.

Forstmann & Huffman Company, Passaic, N. J. Woolen piece goods. 233,840; Oct. 11; Serial No. 250,497; published Aug. 2, 1927. Class 42.

Forstmann & Huffman Company, Passaic, N. J. Woolen piece goods. 233,841-2; Oct. 11; Serial Nos. 250,508-9; published Aug. 2, 1927. Class 42.

Forstmann & Huffman Company, Passaic, N. J. Woolen piece goods. 233,957; Oct. 11; Serial No. 251,180; published Aug. 2, 1927. Class 42.

Foss & Burrill, Ellsworth, Me. Beverages and water. 233,733; Oct. 11; Serial No. 250,074; published July 26, 1927. Class 45.

Fox, Charles D., New York, N. Y. Motion-picture-film productions. 233,833; Oct. 11; Serial No. 250,404; published Aug. 2, 1927. Class 26.

Fox, Peter, Sons Co., The, Chicago, Ill. Dressed poultry. 233,779; Oct. 11; Serial No. 249,373; published July 26, 1927. Class 46.

Fox, Peter, Sons Co., The, Chicago, Ill. Dressed poultry. 233,781; Oct. 11; Serial No. 249,374; published July 26, 1927. Class 46.

Frank, Charles W., doing business as Frank's Fruit Squares, Elizabeth, N. J. Laxative. 233,794; Oct. 11; Serial No. 250,743; published Aug. 2, 1927. Class 6.

Friedman, Jak, doing business as Glen Cove Beverage Co., Glen Cove, N. Y. Ginger ale and sirup for making same. 233,955; Oct. 11; Serial No. 243,085; published July 26, 1927. Class 45.

Frostilla Company, The, (See Shoemaker, Flora H.)

Fulford, C. E., Limited, Leeds, England. Pine-extract pastils for cough, etc. 64,256; renewed July 30, 1927.

Fuller & Sons Manufacturing Co., Kalamazoo, Mich. Motor-vehicle transmissions and clutches and controls, etc. 233,963; Oct. 11. Class 23.

General Carbonic Company, New York, N. Y. Fire-extinguishing containers and their appliances. 233,718; Oct. 11; Serial No. 249,719; published Aug. 2, 1927. Class 23.

General Coal Company, Cincinnati, Ohio. Coal. 233,775; Oct. 11; Serial No. 249,272; published Aug. 2, 1927. Class 1.

General Dyestuff Corporation, New York, N. Y. Dyestuffs. 233,810; Oct. 11; Serial No. 250,988; published Aug. 2, 1927. Class 6.

General Public Utilities Company, Miami, Fla. Ice. 233,928; Oct. 11; Serial No. 245,079; published July 26, 1927. Class 1.

Gilberg, Benjamin I., Cincinnati, Ohio. Canned fruits, vegetables, etc. 233,828; Oct. 11; Serial No. 248,632; published July 26, 1927. Class 46.

Glass Decorating Corporation, Baltimore, Md. Signs. 233,825; Oct. 11; Serial No. 248,492; published July 26, 1927. Class 50.

Glen Cove Beverage Co. (See Friedman, Jak.)

Glenn, Meyer, doing business as Butterhut Packers, Erie, Pa. Salted peanuts. 233,933; Oct. 11; Serial 248,831; published July 26, 1927. Class 46.

Goldenhorn, Bernard, doing business as Chavant Mfg. Co., Jersey City, N. J. Plastic modeling material. 233,917; Oct. 11; Serial No. 247,015; published July 26, 1927. Class 1.

Goldenhorn, Bernard, doing business as Chavant Mfg. Co., Jersey City, N. J. Plastic modeling material. 233,919; Oct. 11; Serial No. 247,011; published July 26, 1927. Class 1.

Goodrich, B. F., Company, The, New York, N. Y. Inner tubes for pneumatic tires. 233,811-12; Oct. 11; Serial Nos. 250,991-2; published Aug. 2, 1927. Class 35.

Gorton-Pew Fisheries Company, Ltd., Gloucester, Mass. Dried, smoked, pickled, salted, and canned fish. 233,943; Oct. 11; Serial No. 248,768; published Aug. 2, 1927. Class 46.

Graft, John C., Newark, N. J. Antiseptic and germicide preparation for dental use. 66,717; renewed Dec. 24, 1927.

Haeckel, Ernest, doing business as Maria Haeckel, Los Angeles, Calif. Knitted silk and yarn fabrics. 233,901; Oct. 11; Serial No. 248,295; published Aug. 2, 1927. Class 42.

Hahne & Co., to Hahne & Company, Newark, N. J., successor. Dry goods. 31,059; renewed Dec. 28, 1927.

Hall, Harry, & Co. Inc., San Francisco, Calif. Canned fruits, vegetables, and dried fruits. 233,932; Oct. 11; Serial No. 248,836; published Aug. 2, 1927. Class 46.

Handy Andy Community Stores, Inc., Miami, Fla. Canned peaches. 233,765; Oct. 11; Serial No. 231,602; published Aug. 2, 1927. Class 46.

Harrison, Monroe, Chicago, Ill. Beverage sold as a soft drink. 233,721; Oct. 11; Serial No. 249,791; published July 26, 1927. Class 45.

Harrower Laboratory, Inc., The, Glendale, Calif. Solution which is an estrus stimulating principle derived from the placenta and used as an ovarian and sex stimulant. 233,746; Oct. 11; Serial No. 250,282; published Aug. 2, 1927. Class 6.

Hatch & Bailey Company, The, South Norwalk, Conn. Builders' products. 233,952; Oct. 11; Serial No. 242,430; published July 26, 1927. Class 12.

Hayden-Corbett Chain Co., The, Columbus, Ohio, to United States Chain & Forging Company, Pittsburgh, Pa., successor. Chains, chain links, and chain hooks. 67,782; renewed Feb. 18, 1928.

Heddon's, James, Sons, Dowagiac, Mich. Artificial baits. 233,769; Oct. 11; Serial No. 233,442; published July 26, 1927. Class 22.

Helburn Thompson Company, Salem, Mass. Leather. 233,786; Oct. 11; Serial No. 249,521; published July 26, 1927. Class 1.

Henson, John W., Company, Inc., New York, N. Y. Draperies. 233,727; Oct. 11; Serial No. 249,900; published Aug. 2, 1927. Class 42.

Heppenstall Forge & Knife Company, Pittsburgh, Pa. Steel forgings. 233,787; Oct. 11; Serial No. 249,523; published July 26, 1927. Class 14.

Hibline, J. Edward, Co., Inc., Baltimore, Md. Coal. 233,741; Oct. 11; Serial No. 250,174; published July 26, 1927. Class 1.

Hodge, W. T., doing business as Valley Fruit and Vegetable Exchange, Hartlingen, Tex. Grapefruit and oranges. 233,856; Oct. 11; Serial No. 247,693; published July 26, 1927. Class 46.

Hoffman, Henry C., Catonsville, Md. Oleomargarine. 233,991; Oct. 11. Class 46.

Hospital Specialty Co., The, Cleveland, Ohio. Sanitary napkins. 233,912; Oct. 11; Serial No. 233,825; published July 26, 1927. Class 44.

Houbigant, Inc., New York, N. Y. Perfume, toilet water, face powder, etc. 233,958; Oct. 11; Serial No. 251,139; published Aug. 2, 1927. Class 6.

Houghton, E. F. & Co., Philadelphia, Pa. Oils or the like for treating cotton or other textile fabrics. 233,907; Oct. 11; Serial No. 235,717; published Nov. 30, 1926. Class 6.

Hurley, Edward T., Cincinnati, Ohio. Bronzes. 233,881; Oct. 11; Serial No. 243,312; published July 19, 1927. Class 50.

Hydrox Corporation, (See Consumers Company, The, assignor.)

Iacomo, Mario, Brooklyn, N. Y. Canned olive oil. 233,763; Oct. 11; Serial No. 231,482; published July 26, 1927. Class 46.

Imperial Pharmacy, (See Stodghill, Paul G.)

Industria Marmellate e Conserve Alimentari, Voghera, Italy. Preserved fruits. 233,945; Oct. 11; Serial No. 240,978; published Aug. 2, 1927. Class 46.

Jacobs Candy Co., New Orleans, La. Candy. 233,911; Oct. 11; Serial No. 235,956; published July 26, 1927. Class 46.

James Manufacturing Company, Fort Atkinson, Wis. Heat-insulating wall board. 233,869; Oct. 11; Serial No. 248,235; published July 19, 1927. Class 12.

Johnston, M. R., Coffee Co. Inc., Baltimore, Md. Coffee. 233,797; Oct. 11; Serial No. 250,804; published Aug. 2, 1927. Class 46.

Jones, John, Wilkes-Barre, Pa. Arch-supporting shoes. 233,972; Oct. 11. Class 39.

Kahn's, E. Sons Company, The, Cincinnati, Ohio. Lard. 233,734-5; Oct. 11; Serial Nos. 250,081-2; published Aug. 2, 1927. Class 46.

Knauffmann, F. A., Manufacturing Company, St. Louis, Mo. Toilet water. 233,748; Oct. 11; Serial No. 250,310; published Aug. 2, 1927. Class 6.

Kelly Axe & Tool Co., Inc., Charleston, W. Va., and New York, N. Y. Axes, bush hooks, grass hooks, grub hoes, etc. 233,730; Oct. 11; Serial No. 250,026; published Aug. 2, 1927. Class 23.

Khourl, Geo. M., & Bros., New York, N. Y. Hand-embroidered bed and table linen. 233,757; Oct. 11; Serial No. 227,522; published Aug. 2, 1927. Class 42.

King Powder Company, The, Cincinnati, Ohio. Gun, ordnance, and blasting powder. 31,138; renewed Jan. 11, 1928.

Kohler Die & Specialty Company, De Kalb, Ill. Roller skates. 233,736; Oct. 11; Serial No. 250,083; published July 19, 1927. Class 22.

Koppers Products Company, Pittsburgh, Pa. Gas-purification chemicals. 233,934; Oct. 11; Serial No. 245,441; published Aug. 2, 1927. Class 16.

Kratchwill, M., Candy Co., doing business as Kratchwill Candy Co., La Crosse, Wis. Candy. 233,920; Oct. 11; Serial No. 246,836; published Aug. 2, 1927. Class 46.

Lefebvre Corporation, Cedar Rapids, Iowa. Bookracks, portable tables, cabinets, desks, and shelving. 233,862; Oct. 11; Serial No. 247,898; published Aug. 2, 1927. Class 32.

Lehon Company, The, Chicago, Ill. Asbestos shingles. 233,814; Oct. 11; Serial No. 248,415; published July 26, 1927. Class 12.

Lehon Company, The, Chicago, Ill. Asphalt roofing in rolls and sheets, asphalt roofing shingles, etc. 233,815; Oct. 11; Serial No. 248,416; published Aug. 2, 1927. Class 12.

Lehon Company, The, Chicago, Ill. Asbestos shingles. 233,871; Oct. 11; Serial No. 248,414; published July 26, 1927. Class 12.

Le Sieur, Philius E., (See Donovan, Walter R., assignor.)

Libbey, M. M., & Co., New York, N. Y. Cleansing compounds for fabrics, in powder form. 233,976; Oct. 11. Class 4.

Libby, McNeill & Libby, Chicago, Ill. Canned fruits and berries. 233,742; Oct. 11; Serial No. 250,180; published July 26, 1927. Class 46.

Lieux Bros., doing business as L. Lindely and Lieux Bros., New Roads, La. Coffee. 233,749; Oct. 11; Serial No. 250,312; published Aug. 2, 1927. Class 46.

Limonera Company, Santa Paula, Calif. Oranges, lemons, and grapefruit. 233,799; Oct. 11; Serial No. 250,846; published July 26, 1927. Class 46.

Limonera Company, Santa Paula, Calif. Oranges, lemons, and grapefruit. 233,809; Oct. 11; Serial No. 250,848; published July 26, 1927. Class 46.

Ludsky, L., and Lieux Bros., (See Lieux Bros.)

Liquid-Iron Waterproofing Company, (See White, David C.)

Little Freres, Paris, France. Tennis rackets. 233,843; Oct. 11; Serial No. 250,558; published July 26, 1927. Class 22.

Libby, Joseph A., Newark, N. J. Polishing and cleaning oil. 233,863; Oct. 11; Serial No. 247,901; published Aug. 2, 1927. Class 16.

Luedlo Bros. Grocery Co., Granite City, Ill. Malt sirup. 233,988; Oct. 11. Class 46.

Luntz, Harris H., Brooklyn, N. Y. Rectal suppositories. 233,731; Oct. 11; Serial No. 250,028; published Aug. 2, 1927. Class 6.

Lybman, Boston, Mass. (See O'Connor, Beatrice.)

Lysholm, Jörgen B., Trondhjem, assignor, by mesne assignments, to A/S Vinmonopole, Oslo, Norway. Cordial. 63,784; renewed July 9, 1927.

Lysholm, Jörgen B., Trondhjem, assignor, by mesne assignments, to A/S Vinmonopole, Oslo, Norway. Cordial, punch, and brandy. 63,816; renewed July 9, 1927.

Malt-Diastase Company, assignor to Maltzyme Company, Inc., New York, N. Y. Malt extracts. 30,624; renewed Oct. 5, 1927.

Maltzyme Company, (See Malt-Diastase Company, assignor.)

Markowski, Adam, doing business as Perfect Breather Company, Philadelphia, Pa. Device to overcome mouth breathing and snoring. 233,964; Oct. 11. Class 44.

Markt & Hammacher Company, doing business as Excelsior Mfg. Company, New York, N. Y. Farming and garden tools. 233,859; Oct. 11; Serial No. 247,801; published Aug. 2, 1927. Class 23.

Markt & Hammacher Company, New York, N. Y. Farming and garden tools. 233,860; Oct. 11; Serial No. 247,803; published Aug. 2, 1927. Class 23.

Matthews, W. N., Corporation, St. Louis, Mo. Fuses, switches, and lamp guards. 233,969; Oct. 11. Class 21.

McClintock, O. B., Company, Minneapolis, Minn. Electrical microphonic apparatus for bank-vault protection. 233,975; Oct. 11. Class 21.

McCown Oil Company, Inc., Mobile, Ala. Motor oils. 233,995; Oct. 11. Class 15.

McDowell Manufacturing Co., The, Millvale, Pa. Toys. 233,759; Oct. 11; Serial No. 230,559; published July 26, 1927. Class 22.

McLanathan, Frank W., doing business as F. W. McLanathan & Son, Lawrence, Mass. Leather for covering rollers. 233,728; Oct. 11; Serial No. 249,914; published Aug. 2, 1927. Class 1.

McLean, Anne E., Sarasota, Fla. Leather made of fish-skins. 233,890; Oct. 11; Serial No. 249,135; published July 19, 1927. Class 1.

Means, Mrs. Anne B., Anderson, S. C. Canned filling for cakes, pies, sandwiches, and sauce. 233,946; Oct. 11; Serial No. 241,109; published July 26, 1927. Class 46.

Merwin, W. C., Strathmore, Calif. Fresh deciduous fruits. 233,949; Oct. 11; Serial No. 241,892; published July 26, 1927. Class 46.

Metropolitan Pictures Corporation of California, Los Angeles, Calif. Motion pictures. 233,830; Oct. 11; Serial No. 248,706; published Aug. 2, 1927. Class 26.

Meyer, Louis, Co., Brooklyn, N. Y. Frankfurters, horse-radish, etc. 233,743; Oct. 11; Serial No. 250,182; published July 26, 1927. Class 46.

Milwaukee Malt Syrup Company. (See Birgelen, Walter M.)

Minolyne Products Company. (See Nakamura, Shiro.)

Mitchell, James A., doing business as Denison Bottling Works and Denison Bottling Co., Denison, Iowa. Beverages sold as soft drinks. 233,835; Oct. 11; Serial No. 250,471; published July 26, 1927. Class 45.

Monitor Coal & Coke Company, Huntington, W. Va. Coal. 233,853; Oct. 11; Serial No. 247,487; published July 26, 1927. Class 1.

Monitor Coal & Coke Company, Huntington, W. Va. Coal. 233,899; Oct. 11; Serial No. 247,486; published July 26, 1927. Class 1.

Monongahela Compounds Company. (See So E.-Z. Products Co., assignor.)

Moore Process Chemical Company, Inc., The, Dallas, Tex. Paint-removing compositions. 233,767; Oct. 11; Serial No. 251,940; published Aug. 2, 1927. Class 16.

Moyer, J. Dyre, Willow Grove, Pa. Coal. 233,948; Oct. 11; Serial No. 241,348; published July 19, 1927. Class 1.

Municipal Street Sign Co., Inc., New York, N. Y. Signs. 233,831; Oct. 11; Serial No. 248,710; published July 26, 1927. Class 50.

Nakamura, Shiro, doing business as Minolyne Products Company, Los Angeles, Calif. Hair tonics and dressings, shampoo, lotions for face and skin. 233,716; Oct. 11; Serial No. 249,671; published Aug. 2, 1927. Class 6.

National Rifle Association, Washington, D. C. Rifle and pistol targets. 233,836; Oct. 11; Serial No. 250,472; published July 26, 1927. Class 22.

North Freedom Canning Co., North Freedom, Wis. Canned vegetables. 233,930; Oct. 11; Serial No. 245,575; published Aug. 2, 1927. Class 46.

Northwestern Fisheries Company, Seattle, Wash., assignor to Booth Fisheries Company, Chicago, Ill. Canned fish. 66,181; renewed Nov. 12, 1927.

Norton Company, Worcester, Mass. Abrasive and polishing materials and articles made therefrom. 67,544; renewed Feb. 11, 1928.

Novocrete and Cement Products Company Limited, London, England. Manufactures of a lightweight concrete. 233,931; Oct. 11; Serial No. 245,512; published July 19, 1927. Class 12.

Nu Way Window Sash Co., Philadelphia, Pa. Window sashes and parts thereof. 233,942; Oct. 11; Serial No. 248,755; published July 26, 1927. Class 12.

Oakland Vinegar and Pickle Co., Saginaw, Mich. Vinegars and pickles. 66,302; renewed Nov. 19, 1927.

Oatis, H. O., doing business as Dixie Club Chemical Co., Dallas, Tex. Hairdressing. 233,813; Oct. 11; Serial No. 251,009; published Aug. 2, 1927. Class 6.

Obe Chemical Co. (See Epstein, Oscar B.)

O'Connor, Beatrice, Newton Center and Boston, doing business as Lybanne, Boston, Mass. Cigars and cigarettes. 233,784-5; Oct. 11; Serial Nos. 249,482-3; published July 26, 1927. Class 17.

Ohio Lime & Stone Company, The, Pemberville, Ohio. Colored lime. 233,944; Oct. 11; Serial No. 247,094; published July 19, 1927. Class 12.

Orange Mutual Citrus Association, Orange, Calif. Fresh citrus fruits. 233,723; Oct. 11; Serial No. 249,860; published July 26, 1927. Class 46.

Osuna, José R., Erie, Pa. Coffee. 233,744; Oct. 11; Serial No. 250,259; published July 26, 1927. Class 46.

Otsego Fork Mills Co. Ltd., Girard, Pa., assignor, by mesne assignments, to The American Fork & Hoe Company, Cleveland, Ohio. Agricultural and other forks, hoes, etc. 30,526; renewed Aug. 24, 1927.

Pacific Coast Cannery, Inc., Oakland, Calif. Canned fruits. 233,817; Oct. 11; Serial No. 248,427; published Aug. 2, 1927. Class 46.

Pacific Coast Cannery, Inc., Oakland, Calif. Canned fruits. 233,817; Oct. 11; Serial No. 248,427; published July 26, 1927. Class 46.

Pacific Coast Cannery, Inc., Oakland, Calif. Canned fruits. 233,818; Oct. 11; Serial No. 248,429; published July 26, 1927. Class 46.

Pacific Coast Cannery, Inc., Oakland, Calif. Canned fruits. 233,819; Oct. 11; Serial No. 248,431; published July 26, 1927. Class 46.

Pacific Coast Cannery, Inc., Oakland, Calif. Canned fruits and vegetables. 233,820; Oct. 11; Serial No. 248,434; published July 26, 1927. Class 46.

Pacific Coast Cannery, Inc., Oakland, Calif. Canned vegetables, tomatoes, etc. 233,821; Oct. 11; Serial No. 248,435; published July 26, 1927. Class 46.

Pacific Coast Cannery, Inc., Oakland, Calif. Canned vegetables, tomato purée, tomato catchup, and vinegar. 233,822; Oct. 11; Serial No. 248,436; published Aug. 2, 1927. Class 46.

Pacific Coast Cannery, Inc., Oakland, Calif. Canned fruits. 233,844; Oct. 11; Serial No. 250,563; published July 26, 1927. Class 46.

Palmetto Chemical Co., West Palm Beach, Fla. Insecticides. 233,923; Oct. 11; Serial No. 246,623; published Aug. 2, 1927. Class 6.

Palmowski, Frank, doing business as Thaddeus B. & Co., Buffalo, N. Y. Hair tonic. 233,918; Oct. 11; Serial No. 246,975; published Aug. 2, 1927. Class 6.

Parfumerie Rigaud, Inc., New York, N. Y. Perfumes, toilet water, and face powder. 233,924; Oct. 11; Serial No. 246,564; published Aug. 2, 1927. Class 6.

Parkersburg Rig and Reel Company, The, Parkersburg, Pa. Derricks, walking beams, crown blocks, drilling machines, and sand reels. 233,888; Oct. 11; Serial No. 248,858; published Aug. 2, 1927. Class 23.

Payson Varnish Co., The, New York, N. Y. Paints, varnishes, paint enamels, etc. 233,770-7; Oct. 11; Serial Nos. 249,287-8; published Aug. 2, 1927. Class 16.

Pendleton, Joseph, Laramie, Wyo. Beverage and powder for making the same. 233,886; Oct. 11; Serial No. 248,969; published July 26, 1927. Class 45.

Pennsylvania Axminster Carpet Corporation, Philadelphia, Pa. Textile rugs and carpets. 233,790; Oct. 11; Serial No. 249,598; published Aug. 2, 1927. Class 42.

People's Outfitting Company, Detroit, Mich. Bed springs, frames, buffers, bookcases, baby carriages, etc. 233,823; Oct. 11; Serial No. 248,438; published Aug. 2, 1927. Class 32.

Perfect Breather Company. (See Markowski, Adam.)

Pharr, King, Catherine, Ala. Canned vegetable sauce. 233,870; Oct. 11; Serial No. 248,249; published July 26, 1927. Class 46.

Piru Citrus Association, Piru, Calif. Oranges, lemons, grapefruit. 233,994; Oct. 11; Class 46.

Pittsburg and Midway Coal Mining Company, The, Kansas City, Mo. Coal. 233,854; Oct. 11; Serial No. 247,493; published Aug. 2, 1927. Class 1.

Pittsburgh Plate Glass Company, Rensselaer-Klein Division, Baltimore, Md. Brushes and dusters. 233,981; Oct. 11; Class 29.

Plough Chemical Company, doing business as Red Line Products Company, Memphis, Tenn. Flavoring extracts for foods. 233,980; Oct. 11; Class 46.

Pocahontas Remedy Co., Omaha, Nebr. Preparation for use in treating and preventing hay fever. 233,898; Oct. 11; Serial No. 251,012; published Aug. 2, 1927. Class 6.

Poston, Emmett V., Springfield, Ill. Brick. 233,788; Oct. 11; Serial No. 249,538; published July 19, 1927. Class 12.

Potomac Candy Studio, Detroit, Mich. Candles. 233,829; Oct. 11; Serial No. 248,649; published Aug. 2, 1927. Class 46.

Premier Sport Products, Incorporated, New York, N. Y. Clock-sport game. 233,916; Oct. 11; Serial No. 249,094; published July 19, 1927. Class 22.

Premium Metal & Packing Co., Wilkinsburg, Pa. Bearing metals. 233,791; Oct. 11; Serial No. 249,589; published July 26, 1927. Class 14.

Premium Metal & Packing Co., Wilkinsburg, Pa. Bearing metals. 233,940-1; Oct. 11; Serial No. 248,790-1; published July 26, 1927. Class 14.

Pyralglass Products, Inc., Newburgh, N. Y. Advertising display signs and art panels, etc. 233,903; Oct. 11; Serial No. 248,514; published July 26, 1927. Class 50.

Rabbes, Henry, Washington, D. C. Beverage. 233,787; Oct. 11; Serial No. 250,095; published July 26, 1927. Class 45.

Rader, Daniel M., Inc., Brooklyn, N. Y. Marble. 233,766; Oct. 11; Serial No. 231,811; published July 26, 1927. Class 12.

Reading Underwear Company, Reading, Pa. Knitted coats, sweaters, underwear. 233,967; Oct. 11; Class 39.

Redlands Heights Groves, Inc., Redlands, Calif. Fresh citrus fruit. 233,845; Oct. 11; Serial No. 250,565; published July 26, 1927. Class 46.

Red Line Products Company. (See Plough Chemical Company.)

Rehbeck, William F., doing business as The Flak-O-Wheat Company, Minneapolis, Minn. Toasted whole-wheat flakes. 233,978; Oct. 11; Class 46.

Remington Typewriter Company, New York, N. Y. Adding and accounting machines. 233,910; Oct. 11; Serial No. 236,178; published Aug. 2, 1927. Class 20.

Rhein-Westf. Sicherheits-Zündschnurfabrik Gesellschaft mit beschränkter Haftung, Crefeld-Linn, to Zunderwerke Ernst Brun A.-G. Krefeld-Linn, Krefeld-Linn, Germany, successor. Safety fuses. 64,343; renewed Aug. 6, 1927.

Rice-Stix Dry Goods Company, St. Louis, Mo. Piece goods. 233,847; Oct. 11; Serial No. 250,639; published Aug. 2, 1927. Class 42.

Richardson Company, The, Lockland, Ohio, assignor to The Flintkote Company, Boston, Mass. Shingles. 233,768; Oct. 11; Serial No. 232,696; published July 26, 1927. Class 12.

Robertson & Sutton Company, Inc., Long Beach, Calif. Canned and bottled olives. 233,985; Oct. 11; Class 46.

Robertson & Sutton Company, Inc., Long Beach, Calif. Canned and bottled pickles. 233,986; Oct. 11; Class 40.

Rode, Frederick W., doing business as Rode Bros. and Rode Brothers Products Company, Philadelphia, Pa. Malt sirup. 233,989; Oct. 11; Class 46.

Rosenbluth, Edwin M., assignor, by mesne assignments, to E. M. Rosenbluth, Philadelphia, Pa. Vehicle lamps or lanterns. 30,267; renewed June 29, 1927.

Ross, Laura A., Bakersfield, Calif. Preparation for the destruction of cockroaches, ants, and other pests. 233,897; Oct. 11; Serial No. 251,016; published Aug. 2, 1927. Class 6.

Ross, W. A., & Sons Limited, Belfast, Ireland. Ginger ale, orangeade, and soda water. 30,632; renewed Oct. 5, 1927.

Salanitro, Alfred, doing business as Salus Products Company, Bloomfield, N. J. Medicinal laxatives. 233,852; Oct. 11; Serial No. 250,715; published Aug. 2, 1927. Class 6.

Salus Products Company. (See Salanitro, Alfred.)

Sands Manufacturing Company, The, Cleveland, Ohio. Heat-insulating jackets or casings made from hair or other material. 233,885; Oct. 11; Serial No. 248,975; published July 26, 1927. Class 12.

Sauer Ju Sales Co. (See Bogle, Chesley M.)

Schieren, Chas. A., Company, New York, N. Y. Rawhide rope. 233,959; Oct. 11; Serial No. 251,161; published Aug. 2, 1927. Class 7.

Schmalz, Josef, doing business as J. Schmalz, Pforzheim, Germany. Knives and forks of nonprecious material, scythes, sickles, straw knives, etc. 233,879; Oct. 11; Serial No. 244,370; published Aug. 2, 1927. Class 23.

Sears & Hinchliffe, Old Orchard, Me. Candy. 233,904; Oct. 11; Serial No. 240,446; published July 26, 1927. Class 46.

Sharp & Dohme, Baltimore, Md. Tooth paste. 233,798; Oct. 11; Serial No. 250,822; published Aug. 2, 1927. Class 6.

Sheffield Farms-Slawson-Decker Co., assignor to Sheffield Farms Company, Inc., New York, N. Y. Milk and cream. 67,165; renewed Jan. 21, 1928.

Shoemaker, Flora H., doing business as The Frostilla Company, Elmira, N. Y. Lotions and creams for beautifying and preserving the skin. 233,896; Oct. 11; Serial No. 251,018; published Aug. 2, 1927. Class 6.

So E.-Z. Products Co., assignor to Monongahela Compounds Company, Monongahela, Pa. Water-softening compound. 233,758; Oct. 11; Serial No. 220,150; published July 6, 1926. Class 6.

Société Anonyme des Produits Chimiques Spéciaux, Lyon-Monplaisir, France. Medicines and plasters. 67,917; renewed Feb. 25, 1928.

Société Anonyme des Produits Chimiques Spéciaux, Lyon-Monplaisir, France. Medicines. 67,918-19; renewed Feb. 25, 1928.

Southern Coal Company, Incorporated, Memphis, Tenn. Coal. 233,792; Oct. 11; Serial No. 249,612; published July 26, 1927. Class 1.

Spaulding, Eleanor A., Swampscott, Mass. Dolls. 233,805; Oct. 11; Serial No. 250,945; published July 26, 1927. Class 22.

Spragg, George D., doing business as Youth Aid Mfg. Co., Bellaire, Ohio. Coffee substitute. 233,750; Oct. 11; Serial No. 250,330; published Aug. 2, 1927. Class 46.

Spurlock-Neal Co. (See Eves, Robert L., assignor.)

Standard Oil Co. of New York, New York, N. Y. Illuminating oils. 80,553; renewed Sept. 14, 1927.

Standard Oil Co. of New York, New York, N. Y. Benzine, naphtha, and gasoline. 65,660; renewed Oct. 15, 1927.

Standard Oil Company, Whiting, Ind., and Chicago, Ill. Insecticides. 233,983; Oct. 11; Class 6.

Steel Products Engineering Company, The, Springfield, Ohio. Refrigerators and refrigerating apparatus. 233,722; Oct. 11; Serial No. 249,819; published Aug. 2, 1927. Class 31.

Stein Fur Dyeing Co., Inc., New York, N. Y. Bleached, dyed, bleached and dyed, and partially-finished animal fur skins. 233,772; Oct. 11; Serial No. 234,167; published July 26, 1927. Class 1.

Stein, S. & Co., New York, N. Y. Woolen goods. 233,993; Oct. 11; Class 42.

Sterling Remedy Co., The, Chicago, Ill., assignor to Sterling Remedy Company, Jersey City, N. J. Cathartic medicine. 31,033; renewed Dec. 21, 1927.

Stodghill, Paul G., doing business as Imperial Pharmacy, Denver, Colo. Antiseptic vaginal jelly. 233,824; Oct. 11; Serial No. 248,451; published Aug. 2, 1927. Class 6.

Strohmeier & Arpe Co., New York, N. Y. Olive oil. 67,727; renewed Feb. 18, 1928.

Strohmeier & Arpe Co., New York, N. Y. Salad oil. 67,728; renewed Feb. 18, 1928.

Swanfeldt Tent and Awning Company, Los Angeles, Calif. Awnings, tents, tarpaulins, and canopies. 233,761; Oct. 11; Serial No. 225,149; published July 26, 1927. Class 50.

Tancill, Grace, St. Louis, Mo. Dresses. 233,971; Oct. 11; Class 39.

Taylor Chair Company, The, Bedford, Ohio. Chairs, rockers, settees, and sofas. 66,013; renewed Dec. 17, 1927.

Teague-McKevett Company, Santa Paula, Calif. Oranges, lemons, and grapefruit. 233,801; Oct. 11; Serial No. 250,870; published July 26, 1927. Class 46.

Thaddeus B. & Co. (See Palmowski, Frank.)

Thomson Wood Finishing Co., The, Philadelphia, Pa. Varnishes, enamels, and varnish paints. 67,845; renewed Feb. 18, 1928.

Three Rivers Growers Association, The, Kennewick, Wash. Fresh asparagus. 233,953; Oct. 11; Serial No. 242,971; published July 26, 1927. Class 46.

Traub, Edmund, Prague-Podhaha, Czechoslovakia. Dressed leather. 233,874; Oct. 11; Serial No. 244,821; published July 19, 1927. Class 1.

Tucco Corporation, Glen Rock, N. J. Appetizing and nourishing gravy made from beef, olive oil, etc. 233,887; Oct. 11; Serial No. 248,867; published July 26, 1927. Class 46.

Turner & Gottfried, Inc., Cleveland, Ohio. Dresses. 233,968; Oct. 11; Class 39.

Turner, Guy N., doing business as Turner Mfg. Co., Los Angeles, Calif. Grease ram. 233,738; Oct. 11; Serial No. 250,104; published Aug. 2, 1927. Class 23.

Tuttle & Bailey Manufacturing Company, New York and Brooklyn, N. Y. Radiator enclosures and cabinets. 233,970; Oct. 11; Class 32.

Twigg, Phyllis M., St. Andrews, Ventnor, Isle of Wight, England. Porcelain and earthenware goods. 233,950; Oct. 11; Serial No. 241,971; published Aug. 2, 1927. Class 30.

Underberg, Hubert, doing business as H. Underberg-Albrecht, Rheineberg, Germany. Stomachic. 233,795; Oct. 11; Serial No. 250,767; published Aug. 2, 1927. Class 6.

United Clay Products Corporation, Kansas City, Mo. Brick and blocks. 233,780; Oct. 11; Serial No. 249,449; published July 26, 1927. Class 12.

United Drug Company, Jersey City, N. J., assignor, by mesne assignments, to United Drug Company, Boston, Mass. Toilet preparations. 68,117; renewed Mar. 10, 1928.

United States Chain & Forging Company. (See Hayden-Corbett Chain Co., The.)

Valley Fruit and Vegetable Exchange. (See Hodge, W. T.)

Vereinigte Chiniinfabriken Zimmer & Co. Gesellschaft mit beschränkter Haftung, Frankfurt-on-the-Main, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y. Derivatives of cinchona alkaloids. 30,696; renewed Oct. 19, 1927.

Vollert & Lange, Brooklyn, N. Y. Golf game. 233,745; Oct. 11; Serial No. 250,272; published July 26, 1927. Class 22.

W. W. Health Drinks, Inc., McAllen, Tex. Beverage sold as a soft drink. 233,834; Oct. 11; Serial No. 250,449; published July 26, 1927. Class 45.

Walburn Petroleum Co., Inc., New York, N. Y. Petroleum products. 233,968; Oct. 11; Class 15.

Watson, Angus & Co. (America) Limited, San Francisco, Calif. Canned sardines. 233,922; Oct. 11; Serial No. 246,808; published Aug. 2, 1927. Class 46.

Weaver-Wall Company, The, Cleveland, Ohio. Composition roofing. 233,982; Oct. 11; Class 12.

Wenatchee Packing Corporation, Wenatchee and Seattle, Wash. Canned fruits. 233,866; Oct. 11; Serial No. 247,980; published Aug. 2, 1927. Class 46.

Wenatchee Packing Corporation, Wenatchee and Seattle, Wash. Canned fruits. 233,866; Oct. 11; Serial No. 247,983; published July 26, 1927. Class 46.

Western Coal & Coke Co., Milwaukee, Wis. Coal. 233,715; Oct. 11; Serial No. 249,626; published July 19, 1927. Class 1.

Western Coal & Coke Co., Milwaukee, Wis. Coal. 233,793; Oct. 11; Serial No. 249,624; published July 26, 1927. Class 1.

Wheeler, W. G., Rockford, Ill. Shingles of wood. 233,717; Oct. 11; Serial No. 249,686; published July 19, 1927. Class 12.

White, David C., doing business as Liquid-Iron Waterproofing Company, Detroit, Mich. Compound to be applied to walls, floors, or ceilings, for waterproofing purposes. 233,927; Oct. 11; Serial No. 246,010; published July 19, 1927. Class 12.

Whitten-Rader-Johnson Inc., Minneapolis, Minn. Coffee. 233,878; Oct. 11; Serial No. 244,877; published July 26, 1927. Class 46.

Williams, Henry C., doing business as Williams and Son, Sargent, Nebr. Preparation for kindling fires. 233,782; Oct. 11; Serial No. 249,454; published July 26, 1927. Class 1.

Williams, Joshua H., doing business as Autosign Co., Greenville, S. C. Mechanical advertising machines. 233,857; Oct. 11; Serial No. 247,723; published Aug. 2, 1927. Class 23.

Williamson, Robert M., doing business as Marshall Williamson & Co., Burley, near Brockenhurst, England. Arithmetical teaching devices. 233,832; Oct. 11; Serial No. 248,737; published July 26, 1927. Class 50.

Winorr Canning Company, Circleville, Ohio. Canned vegetables. 233,826; Oct. 11; Serial No. 248,607; published July 26, 1927. Class 46.

Winter, Oscar, Philadelphia, Pa. Table pads. 233,921; Oct. 11; Serial No. 246,798; published July 26, 1927. Class 50.

Woodson, A. P., Co., Washington, D. C. Coal. 233,855; Oct. 11; Serial No. 247,653; published July 26, 1927. Class 1.

Youth Aid Mfg. Co. (See Spragg, George D.)
Zaccaria, Joseph M., doing business as Zaccaria & Co., Chicago, Ill. Alimentary products. 233,990; Oct. 11. Class 46.
Ziv Steel & Wire Company, Chicago, Ill. Drill and tool steel. 233,889; Oct. 11; Serial No. 249,143; published July 26, 1927. Class 14.

Zooloomian, George H., Providence, R. I. Sirup of hydrochlorine, cornia, salydite and lactolavin. 233,960; Oct. 11; Serial No. 251,158; published Aug. 2, 1927. Class 6.
Zunderwerke Ernst Brun A-G, Krefeld-Linn. (See Rhein-Westf. Sicherheits-Zündschnurfabrik Gesellschaft mit beschränkter Haftung.)

ALPHABETICAL LIST OF REGISTRANTS OF LABELS.

A-C Mint Corporation, Hollywood, Fla. A-C Mints. For Laxative Candy. 32,824; Oct. 11.
Anglo-Californian Vineyards (1922) Ltd., Reedley, Calif., and Douglas, Isle-of-Man, Great Britain. Bluebird. For Fresh Grapes. 32,825; Oct. 11.
California Walnut Growers Association, Los Angeles, Calif. Emerald. For Shelled Walnuts. 32,826; Oct. 11.
Continental Baking Company, Wilmington, Del., and New York, N. Y. Hostess Cake. For Cake. 32,827; Oct. 11.
Cutler Fruit Growers' Association, Cutler, Calif. Tom Cat. For Grapes. 32,828; Oct. 11.
Crepeau, Alfred O., West Warwick, R. I. Ko-Ko Delight. For Ice cream Covered with Cocoanut. 32,829; Oct. 11.
Dinjian, Geo. L., Fresno, Calif. High Hat. For Fresh Grapes. 32,830; Oct. 11.
Edison Storage Battery Company, West Orange, N. J. Nickel Iron Alkaline Storage Battery. For Storage Batteries. 32,831; Oct. 11.
Federal Cartridge Corporation, Minneapolis, Minn. American Eagle Paper Shot Shells. For Shotgun Shells. 32,832; Oct. 11.
Federal Cartridge Corporation, Minneapolis, Minn. Hi-Power Shot Shells. For Loaded Shotgun Shells. 32,833; Oct. 11.
French Brothers-Bauer Company, The, Cincinnati, Ohio. Autocrat. For Ice Cream. 32,834; Oct. 11.
French Sardine Company of California, doing business as French Sardine Co., Inc., Terminal Island, Calif. Messina. For Canned Tunny Fish. 32,835; Oct. 11.
French Sardine Company of California, doing business as French Sardine Co., Inc., Terminal Island, Calif. Belle Isle. For Canned Tunny Fish. 32,836; Oct. 11.
Golden, Augustus J., Baltimore, Md. The King of Crooks. For Cigars. 32,837; Oct. 11.
Grand, Adolph, doing business as Nassau Products Company, Brooklyn, N. Y. Best Ever Grade "A" Malt Extract. For Malt Extract. 32,838; Oct. 11.
Grand, Adolph, doing business as Nassau Products Company, Brooklyn, N. Y. Beck Brand Malt Syrup. For Malt Syrup. 32,839; Oct. 11.

Graud, Adolph, doing business as Nassau Products Company, Brooklyn, N. Y. Brewers Malt Extract, 100% Pure Barley Malt. For Malt Extract. 32,840; Oct. 11.
Hawkins, Alva B., doing business as The House of Hawkins, Los Angeles, Calif. Hawkins'. For Candy. 32,841; Oct. 11.
Hoague-Sprague Corporation, Lynn, Mass. Hess Brothers. For Footwear. 32,842; Oct. 11.
Hoague-Sprague Corporation, Lynn, Mass. Harry's Shoes. For Shoes. 32,843; Oct. 11.
House of Hawkins, The. (See Hawkins, Alva B.)
Ice Cream Smack Products Co., New York, N. Y. Tel-ling's Smack. For Chocolate-Coated Ice Cream. 32,844; Oct. 11.
Ice Cream Smack Products Co., New York, N. Y. Ice Cream Smak. For Chocolate-Coated Ice Cream. 32,845; Oct. 11.
Johnston, R. F., Paint Company, The, Cincinnati, Ohio. Highland Queen. For Waterless Cleanser. 32,846; Oct. 11.
Nassau Products Company. (See Graud, Adolph.)
Pillchard, De Witt T., doing business as Pillchard Fruit Co., Los Angeles, Calif. Wellworth. For Cantaloupes. 32,847; Oct. 11.
Playfair, Charles G., doing business as Playfair Clinton Laboratories, Los Angeles, Calif. Teas. For a Preparation for Seasickness. 32,848; Oct. 11.
Pratt-Low Preserving Company, Santa Clara, Calif. Royal Kitchen. For Canned Peaches. 32,849; Oct. 11.
Shaffer, Mayo, Chicago, Ill. Ever-Scent. For Compressed Perfume. 32,850; Oct. 11.
Stronbeck-Becker Mfg. Co., Moline, Ill. No. 4. Diamond. For an Instructive Game. 32,851; Oct. 11.
Summers, Minc. H. S., Washington, D. C. Mermaid. For Hair Grower. 32,852; Oct. 11.
Sutherland Paper Company, The, Kalamazoo, Mich. Roe's. For Ice Cream. 32,853; Oct. 11.
Toledo Rex Spray Co., The, Toledo, Ohio. Stockaid Animal Spray. For Animal Spray. 32,854; Oct. 11.
Wilcox, John H., & Co., Chicago, Ill. Golax-The Right Road to Health. For Laxative Preparation. 32,855; Oct. 11.

ALPHABETICAL LIST OF REGISTRANTS OF PRINTS.

Cream of Wheat Co., Minneapolis, Minn. Mothers Say This Plan Works Wonders. For Wheat Breakfast Food. 10,246; Oct. 11.
Electrical Devices Co. (See Gordon, B. M.)
Gordon, B. M., doing business as Electrical Devices Co., Schenectady, N. Y. Geneco. For Electrical Apparatus. 10,247; Oct. 11.
Gordon, B. M., doing business as Sun Toasted Products Co., Schenectady, N. Y. Sun Toasted Golden Grain. For Breakfast Food. 10,248; Oct. 11.
Green-Haas-Schwartz Company, The, Cleveland, Ohio. Gene Tunney. For Knitted Sweaters and Jackets. 10,249; Oct. 11.
Hecker-H.O. Company, Inc., Buffalo, N. Y. I Get Some Every Day. For Cereal Foods. 10,250; Oct. 11.
Helene Co., The, Chicago, Ill. Chek-It. For a Preventive to Prevent Continuation of Runs in Hosiery, Silks, Lingerie, and Other Material. 10,251; Oct. 11.
Lionel Corporation, The, New York, N. Y. Lionel Model Trains Differ from Real Trains Only in Size. For Toy Trains. 10,252; Oct. 11.

Lionel Corporation, The, New York, N. Y. The Only Difference Between Lionel Model Trains and Real Trains is the Size. For Toy Trains. 10,253; Oct. 11.
National Blank Book Company, Holyoke, Mass. When Creeping Upward Threaten Your Profits. For Loose-Leaf and Bound Books. 10,254; Oct. 11.
Para Rubber Company, Newark, N. J. Federal Certified Canvas Shower Curtains. For Shower-Bath Curtains. 10,255; Oct. 11.
Sehretor, A., & Sons Co., Baltimore, Md. Golf-Bow. For Neckties. 10,256; Oct. 11.
Spiro, J. H., San Francisco, Calif. Love-Kissed Wedding Rings. For Wedding Rings. 10,257-8; Oct. 11.
Squibb, E. R., & Sons, New York, N. Y. A Tooth and Its Supporting Structures. For Dental Cream. 10,259; Oct. 11.
Sun Toasted Products Co. (See Gordon, B. M.)
Utica Heater Company, Whitesboro, N. Y. Superior Guaranteed Heating Service. For Warm-Air Furnaces. 10,260; Oct. 11.
Webster Cigar Company, Detroit, Mich. We Sell Stacks of Webster Cigars. For Cigars. 10,261; Oct. 11.

ALPHABETICAL LIST OF TRADE-MARK APPLICANTS.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Abraham & Straus, Inc., New York, N. Y. Leather gloves. 239,218; Oct. 11. Class 39.
Abramson, Abraham, doing business as Selrite Trading Co., New York, N. Y. Radio and electrical apparatus and supplies. 252,406; Oct. 11. Class 21.
Acme Brick Company, Danville, Ill. Brick. 248,384; Oct. 11. Class 12.

Adams Bros., Philadelphia, Pa. Preparation for growing and restoring hair. 253,618; Oct. 11. Class 6.
Allen Shirt Co., Nashville, Tenn. Shirts, blouses, etc. 252,926-7; Oct. 11. Class 39.
Amazon Knitting Company, Muskegon, Mich. Underwear. 253,347; Oct. 11. Class 39.
American Bedding Company, The. (See Kurchee, David.)

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

American Druggists Syndicate, Long Island City, N. Y. Astringents, bleach creams, dry rouges, etc. 253,931; Oct. 11. Class 6.
Amerleu Steel Products Co., Macomb, Ill. Weighing scales. 253,176; Oct. 11. Class 26.
Anglo-American Pharmaceutical Corp., New York, N. Y. Antiseptic absorbent powder. 252,673; Oct. 11. Class 6.
Annin & Co., New York, N. Y. Flags. 253,405; Oct. 11. Class 50.
Arcadia Pharmacal Company. (See Ganbarg, Leo.)
Arden, Elizabeth. (See Lewis, Florence N.)
Armcast & Royston, Inc., Los Angeles, Calif. Artificial flowers, wire picks, etc. 244,846; Oct. 11. Class 50.
Associated Merchandising Corporation, New York, N. Y. Hosiery. 253,524; Oct. 11. Class 39.
Associated Merchandising Corporation, New York, N. Y. Absorbents. 253,527; Oct. 11. Class 44.
Associated Merchandising Corporation, New York, N. Y. Pyjamas. 253,528; Oct. 11. Class 39.
Auto Vita Manufacturing Co., Chicago, Ill. Sheet-rubber patch stock and portable rubber tire and tube repair kits. 252,808-9; Oct. 11. Class 35.
Baker Smith Co., San Francisco, Calif. Electron tubes. 245,418; Oct. 11. Class 21.
Balding, Ned A., Lincoln, Ill. Antiseptic. 252,931; Oct. 11. Class 6.
Beacon Oil Company, Everett, Mass. Gasoline. 253,128-30; Oct. 11. Class 15.
Beebe Company, The, Cincinnati, Ohio. Salted peanuts. 253,676; Oct. 11. Class 46.
Beecham, Emma, doing business as Beecham's Laboratory, Osewanna-on-Hudson, N. Y. Astringents, bleach creams, dry rouges, etc. 253,933; Oct. 11. Class 6.
Bellak, Charles M., New York, N. Y. Improved cigarette holders. 249,698; Oct. 11. Class 8.
Bercy Perfumer. (See Fleron, M. M., & Son, Inc.)
Berger, C. L., & Sons, Inc., Boston, Mass. Levels and transits. 251,649; Oct. 11. Class 26.
Berne Manufacturing Company, Berne, Ind. Overalls and work and flannel shirts for men and boys. 252,674; Oct. 11. Class 39.
Beverly of California, Los Angeles, Calif. Candy. 253,449; Oct. 11. Class 46.
Biltmore Shirt Company. (See Perla, Henry.)
Bishop, Joseph H., doing business as The Himalayan Herb Co., Baltimore, Md. Blood and nerve tonic. 254,379; Oct. 11. Class 6.
Bixler, F. S., Company, Easton, Pa. Men's and boys' trousers. 252,675; Oct. 11. Class 39.
Bloom, Lester T., doing business as Ted's Clothes Shop, Louisville, Ky. Men's clothing. 251,536; Oct. 11. Class 39.
Brody, F., & Sons Co., Des Moines, Iowa. Shirts, underwear, pyjamas, and nightshirts. 252,677; Oct. 11. Class 39.
Brown, Murray, doing business as Brown's Pharmacy, Yakima, Wash. Medicinal preparation. 254,031; Oct. 11. Class 6.
Buffalo Evening News, Buffalo, N. Y. Newspaper column. 252,881-2; Oct. 11. Class 35.
Calhoun, Gertrude M., doing business as Worbliday Company, New Orleans, La. Medicinal preparations for the stomach. 244,133; Oct. 11. Class 6.
California Casing Co., San Francisco, Calif. Meat-curing compound. 249,463; Oct. 11. Class 6.
California Cement Co. (See Nance, I. F.)
California Commercial Co., San Francisco, Calif. Canned fruits, fruit cocktails, fruit salads, fruit and nut salads, etc. 252,758; Oct. 11. Class 46.
California Commercial Co., San Francisco, Calif. Canned fruits, fruit cocktails, fruit salads, fruit and nut salads, etc. 252,760; Oct. 11. Class 46.
California Fruit Juice Company, San Francisco, Calif. Fruit juices sold as soft drinks. 250,437; Oct. 11. Class 45.
California Sea Food Co. (See Rex, Max A.)
Caputo, Carmelo, doing business as Imperial Baking Company, Brooklyn, N. Y. Bread, rolls, crackers, etc. 248,085; Oct. 11. Class 46.
Carpinteria Green Lima Growers, Carpinteria, Calif. Green Lima beans. 253,867; Oct. 11. Class 46.
Central West Products Company, Grand Rapids, Mich. Malt extract. 248,672; Oct. 11. Class 46.
Chandler & Co., Inc., Boston, Mass. Hosiery. 249,155; Oct. 11. Class 39.
Charles & Company, doing business as The Charles Co., Mohawk, N. Y., and Red Lion, Pa. Cigars. 251,716; Oct. 11. Class 17.
Cities Service Oil Company, Cleveland, Ohio. Gasoline, lubricating oils and greases. 237,112; Oct. 11. Class 15.
Claude & Lovejoy, Manchester, Iowa. Indicators for indicating liquid levels. 252,518; Oct. 11. Class 26.
Clemens, Walter L., doing business as Mastershine Polish Company, Milwaukee, Wis. Polish. 253,207; Oct. 11. Class 16.
Clinever, Edna S., doing business as Melo Cream Distributing Co., Chicago, Ill. Malt extract. 249,705; Oct. 11. Class 46.

Coca Cola Bottling Company of Los Angeles, Los Angeles, Calif. Beverages used as soft drinks, sirups, extracts, etc. 252,684; Oct. 11. Class 45.
Colgate & Company, Jersey City, N. J. Soaps. 247,780; Oct. 11. Class 4.
Colledge, E. W., General Sales Agent, Inc., Jacksonville, Fla. Pine-tar oil. 253,740; Oct. 11. Class 6.
College Heights Orange and Lemon Ass'n., Claremont, Calif. Oranges, lemons, and grapefruit. 252,687; Oct. 11. Class 46.
Collins, Lester, Moorestown, N. J. Fresh apples and pears. 253,686; Oct. 11. Class 46.
Commercial Importing Co., Inc., Seattle, Wash. Coffee. 238,413; Oct. 11. Class 46.
Cooper, Leo M., doing business as Leo M. Cooper Co., New York, N. Y. Uniform dresses. 251,953; Oct. 11. Class 39.
Cosby-Hodges Milling Co., Inc., Birmingham, Ala. Stock and poultry feed. 253,464; Oct. 11. Class 46.
Cosby, W. M., Flour & Grain Co., Birmingham, Ala. Wheat flour and self-rising flour. 233,173; Oct. 11. Class 46.
Croft & Knapp Co., The, South Norwalk, Conn. Caps for men. 251,611; Oct. 11. Class 39.
Cromwell Paper Co., Chicago, Ill. Tympan paper. 252,690; Oct. 11. Class 37.
Cupples Company Manufacturers, St. Louis, Mo. Rubber tires. 226,333; Oct. 11. Class 35.
Cushing Drug Company, Inc., The. (See Marable, Joseph.)
Dabro Manufacturing Company, Inc., New York, N. Y. Men's and boys' underwear. 252,692; Oct. 11. Class 39.
Des Moines Clay Company. (See Hubbell, F. C.)
Dicks, F. A., & Company, Inc., New Orleans, La. Liquid local anesthetic. 254,231; Oct. 11. Class 6.
Die Eau de Cologne & Parfumerie-Fabrik "Glockengasse No. 4711" gegenüber der Pferdepost von Ferd. Mülhens. (See Mülhens, Paul P.)
Dussek Bitumen Co. Ltd., The, London, England. Cold asphalts, bitumens, etc. 250,119; Oct. 11. Class 12.
Eastern Dairies, Inc., Springfield, Mass. Spoons plated with precious metal. 252,320; Oct. 11. Class 28.
Edelman, Samuel, Philadelphia, Pa. Chemical preparation. 253,644; Oct. 11. Class 6.
Edison Storage Battery Company, West Orange, N. J. Storage batteries. 253,363; Oct. 11. Class 21.
Erie Stove & Mfg. Co., Erie, Pa. Sheet-metal oven linings. 252,192; Oct. 11. Class 34.
Express Rubber Co., Limited, The, London, England. Waterproof and rainproof coats. 253,535; Oct. 11. Class 39.
Fairly Brassiere Co., Inc., New York, N. Y. Brassieres, girdles, etc. 253,366; Oct. 11. Class 39.
Fearless Dishwasher Co., Inc., Rochester, N. Y. Dishwashing machines. 252,422; Oct. 11. Class 23.
Feeder Macaroni Company, Harrisburg, Pa. Alimentary pastes. 253,367; Oct. 11. Class 46.
Feeder Macaroni Company, Harrisburg, Pa. Alimentary pastes. 253,536; Oct. 11. Class 46.
Field, D. W., doing business as The Rupto Co., Muscatine, Iowa. Ointment. 252,643; Oct. 11. Class 6.
Fisher Bros. Co., The, Cleveland, Ohio. Bread. 253,879; Oct. 11. Class 46.
Fisher Bros. Co., The, Cleveland, Ohio. Laundry starch. 253,880; Oct. 11. Class 6.
Fleron, M. M., & Son, Inc., doing business as Bercy Perfumer, Trenton, N. J. Astringents, astringent cerates, etc. 253,273; Oct. 11. Class 6.
Florin Fruit Growers' Association, Florin, Calif. Fresh fruits. 254,277; Oct. 11. Class 46.
Fries, Harold H., doing business as Fries Bros., New York, N. Y. Anesthetics. 252,424; Oct. 11. Class 6.
Ganbarg, Leo, doing business as Arcadia Pharmacal Company, New York, N. Y. Pharmaceutical preparations. 252,954; Oct. 11. Class 6.
General Sales Company. (See Krantz, Rose.)
Glidden, Hyde, Co., Boston, Mass. Hosiery. 253,413-6; Oct. 11. Class 39.
Golf Umbrella Company, The. (See Weber, Harold.)
Goodrich, B. F., Company, The, New York, N. Y. Over-shoes made of rubber and fabric. 253,996; Oct. 11. Class 39.
Graboski, Gustav, New York, N. Y. Velvet ribbons and ribbons made of silk, rayon, etc. 250,078; Oct. 11. Class 42.
Graybar Electric Company, Inc., New York, N. Y. Electric-lighting fixtures. 253,726; Oct. 11. Class 21.
Haase, A. C. L., & Sons Fish Co., St. Louis, Mo. Canned fish, pickles, and olives. 247,270; Oct. 11. Class 46.
Harding-Jones Paper Co., The, Excelsior, Ohio. Bond and ledger papers. 253,240; Oct. 11. Class 37.
Hark's Raincoat Company, New York, N. Y. Water-proofed clothing. 252,384; Oct. 11. Class 39.
Hart Schaffner & Marx, Chicago, Ill. Men's suits and coats. 253,468; Oct. 11. Class 39.
Hearn, James A., & Son, Inc., New York, N. Y. Hosiery. 249,899; Oct. 11. Class 39.

Held, Roy J., doing business as Stover Steel Tank & Mfg. Co., Freeport, Ill. Water-softening apparatus. 252,649-50; Oct. 11. Class 23.

Heddon's, James, Sons, Dowagiac, Mich. Artificial baits. 246,678; Oct. 11. Class 22.

Himalayan Herb Co., The. (See Bishop, Joseph H.)

Holly-Mole Incorporated, Hollywood, Calif. Preparation. 254,282; Oct. 11. Class 6.

Houghton, E. F. & Co., Philadelphia, Pa. Compounds in powdered form for all scouring and cleansing purposes. 249,588; Oct. 11. Class 4.

Hubbell, F. C., doing business as Des Moines Clay Company, Des Moines, Iowa. Face and common brick. 253,471; Oct. 11. Class 12.

Hudson, F. E. & Sons, Inc., Ellsburg, N. Y. Butcher blocks, table tops, cutting boards, etc. 252,511; Oct. 11. Class 23.

Ill-Mo Supply Co., St. Louis, Mo. Shaving soap. 221,015; Oct. 11. Class 4.

Imperial Baking Company. (See Caputo, Carmelo.)

Imperial Produce Company, Los Angeles, Calif. Fresh vegetables. 254,284; Oct. 11. Class 46.

Interior Flour Mills Company, The. (See Larabee Flour Mills Company, The.)

Iten Biscuit Co., Omaha, Nebr. Crackers, cakes, and cookies. 254,287; Oct. 11. Class 46.

Janesville Clothing Co., Janesville, Wis. Children's play suits, rompers, and overalls. 252,965; Oct. 11. Class 39.

Journal & Tribune Company, The, Knoxville, Tenn. Newspapers. 253,505; Oct. 11. Class 38.

Kleinert, I. B., Rubber Company, New York, N. Y. Tobacco pouches. 254,243; Oct. 11. Class 8.

Knapp Electric Corporation, Port Chester, N. Y. Toys. 239,180; Oct. 11. Class 22.

Koch, Leonhard, doing business as Koch & To Koch, Oelsnitz, Germany. Carpets. 228,251; Oct. 11. Class 42.

Koffrub Laboratories, Lakewood, Ohio. Liniment and rubefacient. 253,153; Oct. 11. Class 6.

Kohlhoff, Paul, Mamaroneck, N. Y. Women's and men's hats. 251,277; Oct. 11. Class 39.

Kramer Hosiery Co., Chicago, Ill. Hosiery. 252,156; Oct. 11. Class 39.

Krantz, Rose, doing business as General Sales Company, Brooklyn, N. Y. Tooth powder, tooth paste, mouth wash, and spray, shampoo, etc. 249,530; Oct. 11. Class 6.

Kress, S. H. & Co., New York, N. Y. Hosiery. 253,154-5; Oct. 11. Class 39.

Kurchee, David, doing business as The American Bedding Company, Schenectady, N. Y. Cushions, pillows, and mattresses. 239,984; Oct. 11. Class 32.

Ladd, Carlton E., et al., receivers. (See National Roofing Company, The.)

Lamb, Wm. A., doing business as Rogers Chocolate Company, Victoria, British Columbia, Canada. Candies. 251,846; Oct. 11. Class 46.

Larabee Flour Mills Company, The, doing business as The Interior Flour Mills Company, Kansas City, Mo. Wheat flour. 254,110; Oct. 11. Class 46.

Larabee Flour Mills Company, The, doing business as The Interior Flour Mills Company, Kansas City, Mo. Wheat flour. 254,113; Oct. 11. Class 46.

Leahy Electric Corp., New York, N. Y. Friction tape. 246,558; Oct. 11. Class 21.

Lenizer, Arthur J., Danville, Pa. Preparation for the treatment of cuts, burns, etc. 252,361; Oct. 11. Class 6.

Levene, J. N., Co., Inc., New York, N. Y. Ladies' envelope chemises, dance sets, bloomers, etc. 252,160; Oct. 11. Class 39.

Lewis, Florence N., doing business as Elizabeth Arden, New York, N. Y. Powder and rouge compacts. 253,652; Oct. 11. Class 6.

Lewis-Mears Company, Boston, Mass. Cheese. 254,001; Oct. 11. Class 46.

Leibovitz, S., & Sons, Inc., New York, N. Y. Men's shirts, nightshirts, pyjamas, and boys' blouses. 252,718; Oct. 11. Class 39.

Life Savers, Inc., Port Chester, N. Y. Candy, chewing gum, and candy, etc. 245,914; Oct. 11. Class 46.

Lux-Gro Laboratories, Detroit, Mich. Preparation for the treatment of the hair and scalp. 254,041; Oct. 11. Class 6.

Macy, R. H. & Co., Inc., New York, N. Y. Glove silk. 253,729; Oct. 11. Class 42.

Maddock's, Thomas, Sons Co., Trenton, N. J. Chinaware electric-light brackets. 253,543; Oct. 11. Class 21.

Maison Jourdin et Daubray, Gennévilliers, France. Refrigerators. 246,481; Oct. 11. Class 31.

Mandel & Cohen, New York, N. Y. Knitted underwear for women and children. 245,847; Oct. 11. Class 39.

Marable, Joseph, doing business as The Cushing Drug Company, Inc., Cushing, Okla. Medicinal preparation. 243,959; Oct. 11. Class 6.

Marquette Manufacturing Company, St. Paul, Minn. Automobile lifting jacks, spacer tow bars, etc. 250,249; Oct. 11. Class 23.

Mastershine Polish Company. (See Clemens, Walter L.)

McCoy's Laboratories, Inc., New York, N. Y. Digestive tablets. 253,951; Oct. 11. Class 6.

McGrath, J. B., doing business as Premier Glove Company, Minneapolis, Minn. Cloth work gloves. 251,764; Oct. 11. Class 39.

McMillan, Randal, Palo Alto, Calif. Coffee. 251,303; Oct. 11. Class 46.

Meisner, Ben, Detroit, Mich. Malt sirup. 248,585; Oct. 11. Class 46.

Melo Cream Distributing Co., (See Chuever, Edna S.)

Merklin, M. J., Paint Co., Inc., New York, N. Y. Black coating for dampproofing brick, stone, etc. 251,078; Oct. 11. Class 12.

Merrill Soule Company, Syracuse, N. Y. Lemon pie filling. 253,033; Oct. 11. Class 46.

Metz, H. A. & Co., Inc., New York, N. Y. Photographic colors. 225,934; Oct. 11. Class 6.

Miami Cosmetic Laboratories. (See Slick, George B.)

Mills, W. M., et al. (See National Roofing Company, The.)

Milwaukee Glove Company, Milwaukee, Wis. Gloves and mittens. 250,470; Oct. 11. Class 39.

Moos Fur Dyeing Corp., Brooklyn and New York, N. Y.; Chicago, Ill.; and San Francisco, Calif. Furs, skins, hides, and pelts. 251,510; Oct. 11. Class 1.

Morris Bros. Shoe Company, Quincy, Ill. Leather boots and shoes. 253,214; Oct. 11. Class 39.

Morris Bros. Shoe Co., Quincy, Ill. Leather boots and shoes. 253,509; Oct. 11. Class 39.

Mülhens, Paul P., doing business as Die Eau de Cologne- & Parfümerie-Fabrik "Glockengasse No. 4711" gegenüber der Pferdepost von Ferd. Mülhens, Cologne-on-the-Rhine, Germany. Soaps. 242,052; Oct. 11. Class 4.

Munyon Remedy Co., Scranton, Pa. Preparations. 242,241-42; Oct. 11. Class 6.

Munyon Remedy Co., Scranton, Pa. Tonic, laxative, and liver regulator. 242,487; Oct. 11. Class 6.

Munyon Remedy Co., Scranton, Pa. Tonic, laxative, digestant, etc. 242,488; Oct. 11. Class 6.

Musher, Albert, doing business as Musher and Company, Washington, D. C. Table sirups, dried milk, mayonnaise, etc. 209,540; Oct. 11. Class 46.

Nance, I. F., doing business as California Cement Coat, Los Angeles, Calif. Cement stucco paint. 251,511; Oct. 11. Class 16.

Nantex Mfg. Co., Inc., New York, N. Y. Underwear. 252,723; Oct. 11. Class 39.

Napoleon Macaroni Manufacturing Company, Los Angeles, Calif. Alimentary pastes. 253,765; Oct. 11. Class 46.

National Roofing Company, The; Carlton E. Ladd and W. M. Mills, receivers, Tonawanda, N. Y. Prepared roofing. 250,925; Oct. 11. Class 12.

National Steel Fabric Company, Pittsburgh, Pa. Reinforcement material. 253,545; Oct. 11. Class 12.

National Varnish Company, The, Long Island City, N. Y. Varnishes, paint enamels, paints, etc. 239,311; Oct. 11. Class 16.

Neustadter Bros., San Francisco, Calif. Overalls, coveralls, jumpers, etc. 252,724; Oct. 11. Class 39.

New England Fish Co., Seattle, Wash. Canned salmon. 253,038; Oct. 11. Class 46.

New England Fish Co., Seattle, Wash. Canned salmon. 253,041; Oct. 11. Class 46.

New York Pharmaceutical Conference, Inc., New York, N. Y. Periodical. 253,288; Oct. 11. Class 38.

Ohio Dairy Co., The, Toledo, Ohio. Creamery butter. 253,603; Oct. 11. Class 46.

Oliver Brothers, Philadelphia, Pa. Ladies' hosiery. 252,861; Oct. 11. Class 39.

Pacific Coast Cannery, Inc., Oakland, Calif. Canned fruits. 248,432; Oct. 11. Class 46.

Pacific Coast Cannery, Inc., Oakland, Calif. Canned fruits, vegetables, etc. 248,433; Oct. 11. Class 46.

Panes, Isidore, New York, N. Y. Brassières, corsets, girdles, etc. 253,855; Oct. 11. Class 39.

Pastime Malt Syrup Company. (See Turnau, Louis E.)

Patrick, F. A. & Co., Duluth, Minn. Blankets. 252,976; Oct. 11. Class 42.

Peace Tobacco Company, The, Cincinnati, Ohio. Cigarettes and cigars. 250,564; Oct. 11. Class 17.

Pennsylvania Silk Hosiery Mills, Inc., Bangor, Pa. Hosiery. 230,351; Oct. 11. Class 39.

Pere, Lanson, & Fils (Société à Responsabilité Limitée), Rhelms, France. Champagne wines. 245,730-1; Oct. 11. Class 47.

Perkins Dry Goods Company, Dallas, Tex. Ladies' house dresses and aprons. 253,246; Oct. 11. Class 39.

Perla, Henry, doing business as Baltimore Shirt Company and The Perla Shirt Co., New York, N. Y. Men's negligee shirts. 249,862; Oct. 11. Class 39.

Peverley, Geo. W., doing business as Geo. W. Peverley Co., Pacoima, Calif. Beverage sold as soft drinks and sirups for making the same. 254,094; Oct. 11. Class 45.

Pierce, S. S., Co., Boston, Mass. Fresh, dried, and stuffed fruits, raisins, etc. 247,962; Oct. 11. Class 46.

Pocket Radio Corporation, Des Moines, Iowa. Radio receiving sets. 253,913; Oct. 11. Class 21.

Pompeian Company, The, Jersey City, N. J. Face powder. 253,956; Oct. 11. Class 6.

Pool Mfg. Co., Sherman, Tex. Pants and shirts for men and boys. 252,728; Oct. 11. Class 39.

Premier Glove Company. (See McGrath, J. B.)

Preston Products Co., New York, N. Y. Attachment plugs, electric sadirons, resistance wires, etc. 252,874; Oct. 11. Class 21.

Price, L. B., Mercantile Company, Kansas City, Mo. Electric appliances. 254,051; Oct. 11. Class 21.

Producers Packing House Co., Inc., Lindsay, Calif. Oranges, lemons, and grapefruit. 254,304; Oct. 11. Class 46.

Puritan Chocolate Company, The, Cincinnati, Ohio. Candy. 254,052; Oct. 11. Class 46.

Rabhor Company, The, South Norwalk, Conn. Bath robes. 252,439; Oct. 11. Class 39.

Ragland, Vivian, and Company, Philadelphia, Pa. Hair-dressing and preparation to promote the growth of hair. 252,440; Oct. 11. Class 6.

Real Silk Hosiery Mills, Inc., Indianapolis, Ind. Hosiery. 252,567; Oct. 11. Class 39.

Reliant Oil Corporation, New York, N. Y. Petroleum lubricating oils and greases. 243,388; Oct. 11. Class 15.

Rex, Max A., doing business as California Sea Food Co., Los Angeles, Calif. Canned tunny and sardines. 252,219; Oct. 11. Class 46.

Rossell, Louis, & Co., Inc., Hazleton, Pa. Silk goods. 239,584; Oct. 11. Class 42.

Rogers Chocolate Company. (See Lamb, Wm. A.)

Rounick, Max, Inc., Philadelphia, Pa. Hosiery. 253,664; Oct. 11. Class 39.

Rupto Co., The. (See Field, D. W.)

Salorex Corporation, The, Detroit, Mich. Antiseptics, healing agents, etc. 254,097; Oct. 11. Class 6.

Salorex Corporation, The, Detroit, Mich. Dentifrices, deodorants, etc. 254,098; Oct. 11. Class 6.

Seall, Charles S., Long Beach, Calif. Hosiery. 252,222; Oct. 11. Class 39.

Schachter, Simon M., Atlanta, Ga. Men's shirts, underwear, pyjamas, and neckties. 252,569; Oct. 11. Class 39.

Schenker, Michel & Weinstock, Inc., Chicago, Ill. Ladies' coats. 251,415; Oct. 11. Class 39.

Schieren, Chas. A., Company, New York, N. Y. Belting for power transmission. 254,012; Oct. 11. Class 35.

Schneider, Edward J., St. Louis, Mo. Toy monoplane. 253,609; Oct. 11. Class 22.

Schulze, Jack, Burley, Idaho. Potatoes. 252,223; Oct. 11. Class 46.

Scovill, Cora L., New York, N. Y. Decorative manikins or statuettes. 252,274; Oct. 11. Class 50.

Sears, Roebuck and Co., Chicago, Ill. Automobile tires. 234,743; Oct. 11. Class 35.

Sellheimer Beverage Co., Inc., Hackensack, N. J. Beverages sold as soft drinks. 253,551; Oct. 11. Class 45.

Selrite Trading Co. (See Abramson, Abraham.)

Sharpe Sales Company, The, Los Angeles, Calif. Air compressor. 243,391; Oct. 11. Class 23.

Sherman, George E., Co., Inc., The, Brooklyn, N. Y. Solvent. 253,248; Oct. 11. Class 6.

Simon, Alfred L., & Company, New York, N. Y. Artificial flowers, leaves, and telephone screens. 250,202; Oct. 11. Class 40.

Simon, Alfred L., & Company, New York, N. Y. Leather shoes, belts, and missee hats. 250,205; Oct. 11. Class 39.

Slick, George B., doing business as Miami Cosmetic Laboratories, Miami, Fla. Hairdressing. 254,056; Oct. 11. Class 6.

Smith, Richardson & Conroy, Inc., Jacksonville, Fla. Butter. 253,519; Oct. 11. Class 46.

Société Anonyme Rodier, Paris, France. Piece goods. 253,633; Oct. 11. Class 42.

Société des Laboratoires Cortial (Sté. à Responsabilité Limitée), Paris, France. Medicinal preparation. 253,167; Oct. 11. Class 6.

Southworth, Horace C., Binghamton, N. Y. Medicine for diseases of the blood and bladder. 253,685; Oct. 11. Class 6.

Sparks-Withington Company, The, Jackson, Mich. Radio receiving sets, parts thereof, and loud speakers. 231,016; Oct. 11. Class 21.

Sproul, Hugh B., doing business as Swoope Milling Company, Swoope, Va. Self-rising flour. 251,691; Oct. 11. Class 46.

Standard Oil Company (New Jersey), Bayonne, N. J. Mineral oil. 242,511; Oct. 11. Class 6.

Standard Oil Company, Whiting, Ind., and Chicago, Ill. Cleaning and polishing automobile bodies and the like. 252,626; Oct. 11. Class 16.

Stover Steel Tank & Mfg. Co. (See Held, Roy J.)

Sturges, Arthur H., doing business as Sturges Manufacturing Company, Omaha, Nebr. Confections. 251,418; Oct. 11. Class 46.

Suisun Valley Fruit Growers' Association, Suisun, Calif. Fresh fruits. 254,309; Oct. 11. Class 46.

Sunday School Times Company, The, Philadelphia, Pa. Magazine. 253,443; Oct. 11. Class 38.

Swoope Milling Company. (See Sproul, Hugh B.)

Taquinne, Inc., Des Moines, Iowa. Face powder. 249,821; Oct. 11. Class 6.

Tebbetts & Garland Store, The, Chicago, Ill. Candy. 254,157; Oct. 11. Class 46.

Ted's Clothes Shop. (See Bloom, Lester T.)

Terrana, Enrico, New York, N. Y. Frozen confections. 253,444; Oct. 11. Class 46.

Tess Chemical Co., Inc., Baltimore, Md. Hair pomade and straightener. 253,923; Oct. 11. Class 6.

Tess Chemical Co., Inc., Baltimore, Md. Hair pomade and straightener. 254,310; Oct. 11. Class 6.

Tilden Produce Company, St. Paul, Minn. Butter, eggs, and cheese. 242,856; Oct. 11. Class 46.

Tissue Co., The, Saugerties, N. Y. Paper napkins. 252,532; Oct. 11. Class 37.

Titanium Alloy Manufacturing Company, The, Niagara Falls, N. Y. Opaquing agents and pigments. 254,212-13; Oct. 11. Class 6.

Trelnis, Samuel, doing business as Trelnis Brothers, Brooklyn, N. Y. Hosiery and knitted wearing apparel. 245,074; Oct. 11. Class 39.

Tres Chemisch-Pharmazeutische Industrie und Handels A. G., Budapest, Hungary. Medicines and pharmaceutical preparations. 252,586; Oct. 11. Class 6.

Turnau, Louis E., doing business as Pastime Malt Syrup Company, Cincinnati, Ohio. Malt sirup. 253,856; Oct. 11. Class 46.

Tymol Wireless Products of New York, New York, N. Y. Electric batteries and vacuum tubes for radio sets. 253,859; Oct. 11. Class 21.

Uneeda Shine Corp., New York, N. Y. Shoe shining and polishing machines and parts thereof. 231,219; Oct. 11. Class 23.

United States Envelope Company, Springfield, Mass. Writing paper, cards, and envelopes. 234,930; Oct. 11. Class 37.

Utichell, Annie, New York, N. Y. Massage cream. 253,307; Oct. 11. Class 6.

Uvalde Paving Company, Dallas, Tex. Pavements and paving materials. 253,611; Oct. 11. Class 12.

Van Pelt & Brown, Richmond, Va. Liquid laxative. 253,778; Oct. 11. Class 6.

Vig Chemical Co., Waban, Mass. Hair tonic. 253,446; Oct. 11. Class 6.

Warner Brothers Company, The, New York, N. Y.; Chicago, Ill.; and Bridgeport, Conn. Corsets, girdles, brassières, etc. 251,252-3; Oct. 11. Class 39.

Washburn Crosby Company, Minneapolis, Minn. Wheat flour. 254,105; Oct. 11. Class 46.

Weatherby-Brunner Co., Memphis, Tenn. Coffee. 253,399; Oct. 11. Class 46.

Weber, Harold, doing business as The Golf Umbrella Company, Toledo, Ohio. Umbrellas. 253,487; Oct. 11. Class 41.

Westergaard, B., & Co., Brooklyn, N. Y. Cheese. 233,287; Oct. 11. Class 46.

Western Shoe Co., The, Toledo, Ohio. Shoes. 251,805; Oct. 11. Class 39.

Winona Mills Company, The, New Haven, Conn. Hosiery, sweaters, and underwear. 246,726; Oct. 11. Class 39.

Wolfer, Paul C., Company, Everett, Mass. Resilient inserts for boots and shoes. 248,947; Oct. 11. Class 39.

Wolfer, Paul C., Company, Everett, Mass. Boots and shoes. 248,948; Oct. 11. Class 39.

Wood, William R., Huntington, W. Va. Publication. 253,559; Oct. 11. Class 38.

Woodbridge Fruit Growers Association, Woodbridge, Calif. Fresh deciduous fruits and grapes. 253,929; Oct. 11. Class 46.

Wooster Brush Company, The, Wooster, Ohio. Paint and varnish brushes and dusters. 253,075; Oct. 11. Class 29.

Worblay Company. (See Calhoun, Gertrude M.)

Yahr-Lange, Inc., Milwaukee, Wis. Radio speakers. 253,823; Oct. 11. Class 21.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED.

CLASS 1.

Calfskins, Fur, Barnet Leather Co. 233,884; Oct. 11; Serial No. 249,037; published July 26, 1927.

Carbons, Absorptive, H. C. Bugbird. 233,925; Oct. 11; Serial No. 246,149; published July 26, 1927.

Coal, General Coal Company. 233,775; Oct. 11; Serial No. 249,272; published Aug. 2, 1927.

Coal, J. Edward Hibline Co. 233,741; Oct. 11; Serial No. 250,174; published July 26, 1927.

Coal, Monitor Coal & Coke Company. 233,853; Oct. 11; Serial No. 247,487; published July 26, 1927.

Coal. Monitor Coal & Coke Company. 233,899; Oct. 11; Serial No. 247,486; published July 26, 1927.
 Coal. J. D. Moyer. 233,948; Oct. 11; Serial No. 241,348; published July 19, 1927.
 Coal. Pittsburg and Midway Coal Mining Company. 233,854; Oct. 11; Serial No. 247,493; published Aug. 2, 1927.
 Coal. Southern Coal Company. 233,792; Oct. 11; Serial No. 249,612; published July 26, 1927.
 Coal. Western Coal & Coke Co. 233,715; Oct. 11; Serial No. 249,626; published July 19, 1927.
 Coal. Western Coal & Coke Co. 233,793; Oct. 11; Serial No. 249,624; published July 26, 1927.
 Coal. A. P. Woodson Co. 233,855; Oct. 11; Serial No. 247,653; published July 26, 1927.
 Coal. Export. Fire Creek Coal Company. 233,872-3; Oct. 11; Serial Nos. 244,684-5; published Aug. 2, 1927.
 Fur skins. Animal. Stein Fur Dyeing Co. 233,772; Oct. 11; Serial No. 234,167; published Aug. 2, 1927.
 Ice. General Public Utilities Company. 233,928; Oct. 11; Serial No. 245,979; published July 26, 1927.
 Kindling fires. Preparation for. H. C. Williams. 233,782; Oct. 11; Serial No. 249,454; published July 26, 1927.
 Leather. Helburn Thompson Company. 233,786; Oct. 11; Serial No. 249,521; published July 26, 1927.
 Leather. Dressed. E. Traub. 233,874; Oct. 11; Serial No. 244,821; published July 19, 1927.
 Leather for covering rollers. F. W. McLanathan. 233,728; Oct. 11; Serial No. 249,914; published Aug. 2, 1927.
 Leather made of fish skins. A. E. McLean. 233,890; Oct. 11; Serial No. 249,135; published July 19, 1927.
 Leather. Sole. Elbert Bros. Tanning Company. 233,774; Oct. 11; Serial No. 249,269; published July 26, 1927.
 Plastic modeling material. B. Goldenhorn. 233,917; Oct. 11; Serial No. 247,015; published July 26, 1927.
 Plastic modeling material. B. Goldenhorn. 233,919; Oct. 11; Serial No. 247,011; published July 26, 1927.
 Seeds of all kinds. E. J. Crane. 233,883; Oct. 11; Serial No. 249,045; published July 19, 1927.

CLASS 4.

Abrasive and polishing materials and articles made therefrom. Norton Company. 67,544; renewed Feb. 11, 1928.
 Cleansing compounds for fabrics. M. M. Libbey & Co. 233,976; Oct. 11.

CLASS 6.

Antiseptic and germicidal preparation for dental use. J. C. Graft. 68,717; renewed Dec. 24, 1927.
 Antiseptic vaginal jelly. P. G. Stodghill. 233,824; Oct. 11; Serial No. 248,451; published Aug. 2, 1927.
 Chemicals. Gas-purification. Koppers Products Company. 233,934; Oct. 11; Serial No. 245,441; published Aug. 2, 1927.
 Cinchona alkaloids. Derivatives of. Vereinigte Chininfabriken Zimmer & Co. Gesellschaft mit beschränkter Haftung. 30,696; renewed Oct. 19, 1927.
 Cream for removing freckles. O. B. Epstein. 233,935; Oct. 11; Serial No. 245,052; published Aug. 2, 1927.
 Dyestuffs. General Dyestuff Corporation. 233,810; Oct. 11; Serial No. 250,988; published Aug. 2, 1927.
 Extracts. Malt. Malt-Diastase Company. 30,624; renewed Oct. 5, 1927.
 Hairdressing. H. O. Oatis. 233,813; Oct. 11; Serial No. 251,009; published Aug. 2, 1927.
 Hair tonic. F. Palmowski. 233,918; Oct. 11; Serial No. 246,975; published Aug. 2, 1927.
 Hair tonics and dressing, shampoo, lotions for skin and face. S. Nakamura. 233,716; Oct. 11; Serial No. 249,671; published Aug. 2, 1927.
 Hydrochlorine, cornia, silydite, and lactulovin. Sirup of. G. H. Zoelomian. 233,960; Oct. 11; Serial No. 251,158; published Aug. 2, 1927.
 Insecticides. Palmetto Chemical Co. 233,923; Oct. 11; Serial No. 246,623; published Aug. 2, 1927.
 Insecticides. Standard Oil Company. 233,983; Oct. 11; Serial No. 250,743; published Aug. 2, 1927.
 Laxative. C. W. Frank. 233,794; Oct. 11; Serial No. 250,743; published Aug. 2, 1927.
 Lotions and creams. F. H. Shoemaker. 233,896; Oct. 11; Serial No. 251,018; published Aug. 2, 1927.
 Medicinal laxatives. A. Salanitro. 233,852; Oct. 11; Serial No. 250,715; published Aug. 2, 1927.
 Medicinal preparation for human use. J. C. Eno. 31,045; renewed Dec. 28, 1927.
 Medicine. Cathartic. Sterling Remedy Co. 31,033; renewed Dec. 21, 1927.
 Medicines. Firm of Alfred Fennings. 64,484; renewed Aug. 6, 1927.
 Medicines. Société Anonyme des Produits Chimiques Spéciaux. 67,918-19; renewed Feb. 25, 1928.
 Medicines and plasters. Société Anonyme des Produits Chimiques Spéciaux. 67,917; renewed Feb. 25, 1928.
 Nitrate of soda. Anglo-Chilean Consolidated Nitrate Corporation. 233,846; Oct. 11; Serial No. 250,592; published Aug. 2, 1927.
 Oils or the like. E. F. Houghton & Co. 233,907; Oct. 11; Serial No. 238,717; published Nov. 30, 1926.
 Ointment. Associated Pharmacists of Massachusetts, Inc. 233,789; Oct. 11; Serial No. 249,564; published Aug. 2, 1927.

Palliative for the treatment of cancer. F. L. Calgaro. 233,802; Oct. 11; Serial No. 250,883; published Aug. 2, 1927.
 Perfume, toilet water, bath salts, etc. Houbigant, Inc. 233,958; Oct. 11; Serial No. 251,139; published Aug. 2, 1927.
 Perfumes. H. H. Erwin Co. 233,808-9; Oct. 11; Serial Nos. 250,985-6; published Aug. 2, 1927.
 Perfumes, toilet creams and powders, and rouges. Cadolle Freres. 233,947; Oct. 11; Serial No. 241,260; published Jan. 18, 1927.
 Perfumes, toilet water, and face powder. Parfumerie Rigaud, Inc. 233,924; Oct. 11; Serial No. 246,564; published Aug. 2, 1927.
 Pine-extract pastils for coughs, etc. C. E. Fulford Limited. 64,256; renewed July 30, 1927.
 Powder, toilet creams, and extracts for perfumes. Face. Betts & Mumpeton. 233,951; Oct. 11; Serial No. 242,078; published Aug. 2, 1927.
 Preparation for strengthening the blood. G. E. Dolle. 30,750-1; renewed Oct. 26, 1927.
 Preparation for the destruction of cockroaches, ants, and other pests. L. A. Ross. 233,897; Oct. 11; Serial No. 251,016; published Aug. 2, 1927.
 Preparation for use in treating and preventing hay fever. Pocahayo Remedy Co. 233,898; Oct. 11; Serial No. 251,012; published Aug. 2, 1927.
 Product "Insecto" used in killing flies, mosquitoes, moths, etc. Chippewa Products Company. 233,926; Oct. 11; Serial No. 246,078; published Aug. 2, 1927.
 Solution which is an estrus stimulating principle derived from the placenta and used as an ovarian and sex stimulant. Harrower Laboratory, Inc. 233,746; Oct. 11; Serial No. 250,282; published Aug. 2, 1927.
 Starch. Laundry. W. R. Donovan. 30,481; renewed July 27, 1927.
 Stomachic. H. Underberg. 233,795; Oct. 11; Serial No. 250,767; published Aug. 2, 1927.
 Suppositories. Rectal. H. H. Luntz. 233,731; Oct. 11; Serial No. 250,028; published Aug. 2, 1927.
 Toilet preparations. United Drug Company. 68,117; renewed Mar. 10, 1928.
 Toilet water. F. A. Kauffmann Manufacturing Company. 233,748; Oct. 11; Serial No. 250,310; published Aug. 2, 1927.
 Tooth paste. Sharp & Dohme. 233,798; Oct. 11; Serial No. 250,822; published Aug. 2, 1927.
 Water-softening compound. So E. Z. Products Co. 233,758; Oct. 11; Serial No. 220,150; published July 6, 1926.

CLASS 7.

Rope. Rawhide. Chas. A. Schieren Company. 233,959; Oct. 11; Serial No. 251,151; published Aug. 2, 1927.

CLASS 8.

Smokers' ash-receiving stands. Backer Metal Specialties Corporation. 233,867; Oct. 11; Serial No. 248,028; published Aug. 2, 1927.

CLASS 9.

Fuses. Safety. Rhein-Westf. Sicherheits-Zündschnurfabrik Gesellschaft mit beschränkter Haftung. 64,343; renewed Aug. 6, 1927.
 Powder. Gun, ordnance, and blasting. King Powder Company. 31,138; renewed Jan. 11, 1928.

CLASS 12.

Brick. Acme Brick Company. 233,747; Oct. 11; Serial No. 250,284; published Aug. 2, 1927.
 Brick. Acme Brick Company. 233,783; Oct. 11; Serial No. 249,458; published July 19, 1927.
 Brick. Acme Brick Company. 233,796; Oct. 11; Serial No. 250,779; published Aug. 2, 1927.
 Brick. Acme Brick Company. 233,803; Oct. 11; Serial No. 250,885; published Aug. 2, 1927.
 Brick. Acme Brick Company. 233,848; Oct. 11; Serial No. 250,667; published Aug. 2, 1927.
 Brick. Acme Brick Company. 233,849; Oct. 11; Serial No. 250,663; published Aug. 2, 1927.
 Brick. Acme Brick Company. 233,850; Oct. 11; Serial No. 250,665; published Aug. 2, 1927.
 Brick. E. V. Poston. 233,788; Oct. 11; Serial No. 249,538; published July 19, 1927.
 Brick and blocks. United Clay Products Corporation. 233,780; Oct. 11; Serial No. 249,449; published July 26, 1927.
 Builders' products. Hatch & Bailey Company. 233,852; Oct. 11; Serial No. 242,430; published July 26, 1927.
 Building stone. Caldoro Memorial Corporation. 233,764; Oct. 11; Serial No. 231,584; published July 26, 1927.
 Clinking. Chamberlin Metal Weather Strip Company. 233,954; Oct. 11; Serial No. 243,081; published July 26, 1927.
 Cement. Portland. Associated Portland Cement Manufacturers, Limited. 233,936; Oct. 11; Serial No. 249,253; published July 19, 1927.
 Compound to be applied to walls, floors, or ceilings for waterproofing purposes. D. C. White. 233,927; Oct. 11; Serial No. 248,010; published July 19, 1927.
 Concrete. Manufactures of a lightweight. Novocrete and Cement Products Company Limited. 233,931; Oct. 11; Serial No. 245,512; published July 19, 1927.

Construction materials. Construction Supplies Company of America. 233,905; Oct. 11; Serial No. 239,240; published July 26, 1927.
 Jackets or casings. Heat-insulating. Sands Manufacturing Company. 233,885; Oct. 11; Serial No. 248,975; published July 26, 1927.
 Joist and wall hangers, post caps and bases. Consolidated Iron-Steel Manufacturing Company. 233,726; Oct. 11; Serial No. 249,892; published July 19, 1927.
 Lime, colored. Ohio Lime & Stone Company. 233,944; Oct. 11; Serial No. 247,094; published July 19, 1927.
 Marble. Daniel M. Rader, Inc. 233,766; Oct. 11; Serial No. 231,811; published July 26, 1927.
 Roofing, asphalt roofing shingles, plastic roof coatings, etc. Asphalt. Lehon Company. 233,815; Oct. 11; Serial No. 248,416; published Aug. 2, 1927.
 Roofing. Composition. Weaver-Wall Company. 233,982; Oct. 11.
 Roofing felt and roofing paper, prepared roofing, shingles, etc. Flintkote Company. 233,906; Oct. 11; Serial No. 239,028; published July 26, 1927.
 Shingles. Richardson Company. 233,768; Oct. 11; Serial No. 232,696; published July 26, 1927.
 Shingles and roofing. Asphalt. Flintkote Company. 233,861; Oct. 11; Serial No. 247,840; published July 26, 1927.
 Shingles and roofing. Asphalt. Flintkote Company. 233,864; Oct. 11; Serial No. 247,942; published July 26, 1927.
 Shingles, Asbestos. Lehon Company. 233,814; Oct. 11; Serial No. 248,415; published July 26, 1927.
 Shingles of wood. W. G. Wheeler. 233,717; Oct. 11; Serial No. 249,686; published July 19, 1927.
 Shingles, Roofing. Lehon Company. 233,871; Oct. 11; Serial No. 248,414; published July 26, 1927.
 Surfacing material. A. E. Ashbrook. 233,876; Oct. 11; Serial No. 244,970; published Aug. 2, 1927.
 Wall board, Heat-insulating. James Manufacturing Company. 233,869; Oct. 11; Serial No. 248,235; published July 19, 1927.
 Window sashes and parts thereof. Nu Way Window Sash Co. 233,942; Oct. 11; Serial No. 248,785; published July 26, 1927.

CLASS 13.

Chains, chain links, and chain hooks. Hayden-Corbett Chain Co. 67,782; renewed Feb. 18, 1928.

CLASS 14.

Metals, Bearing. Premium Metal & Packing Co. 233,791; Oct. 11; Serial No. 249,599; published July 26, 1927.
 Metals, Bearing. Premium Metal & Packing Co. 233,940-1; Oct. 11; Serial Nos. 248,790-1; published July 26, 1927.
 Metals, lead, babbit, etc., Nonferrous. American Smelting & Refining Company. 233,755; Oct. 11; Serial No. 225,543; published July 26, 1927.
 Metals, lead, babbit, etc., Nonferrous. American Smelting & Refining Company. 233,762; Oct. 11; Serial No. 225,539; published July 26, 1927.
 Stapling wire. Galvanized. Acme-Steel Company. 233,751; Oct. 11; Serial No. 230,346; published July 26, 1927.
 Steel, Drill and tool. Ziv Steel & Wire Company. 233,849; Oct. 11; Serial No. 249,143; published July 26, 1927.
 Steel forgings. Heppenstall Forge & Knife Company. 233,787; Oct. 11; Serial No. 249,523; published July 26, 1927.

CLASS 15.

Benzine, naphtha, and gasoline. Standard Oil Co. of New York. 65,660; renewed Oct. 15, 1927.
 Oils, Illuminating. Standard Oil Co. of New York. 30,558; renewed Sept. 14, 1927.
 Oils, Motor. McCown Oil Company. 233,995; Oct. 11.
 Petroleum products. Walburn Petroleum Co. Inc. 233,968; Oct. 11.

CLASS 16.

Oil, Polishing and cleaning. J. A. Luby. 233,863; Oct. 11; Serial No. 247,901; published Aug. 2, 1927.
 Paint, Dry. American Smelting and Refining Company. 233,827; Oct. 11; Serial No. 248,613; published Aug. 2, 1927.
 Paint-removing compositions. Moore Process Chemical Company. 233,767; Oct. 11; Serial No. 231,940; published Aug. 2, 1927.
 Paints, varnishes, and paint enamels. Amalgamated Paint Company. 233,752; Oct. 11; Serial No. 250,347; published Aug. 2, 1927.
 Paints, varnishes, lacquers, etc. Payson Varnish Co. 233,776-7; Oct. 11; Serial Nos. 249,287-8; published Aug. 2, 1927.
 Varnishes, enamels, and varnish paints. Thomson Wood Finishing Co. 67,845; renewed Feb. 18, 1928.

CLASS 17.

Cigars. H. F. Eldler & Co. 233,732; Oct. 11; Serial No. 250,073; published July 26, 1927.
 Cigars and cigarettes. B. O'Connor. 233,784-5; Oct. 11; Serial Nos. 249,482-3; published July 26, 1927.

CLASS 21.

Electrical microphonic apparatus. O. B. McClintock Company. 233,975; Oct. 11.
 Fuses, switches, and lamp guards. W. N. Matthews Corporation. 233,969; Oct. 11.
 Motors, generators, transformers, etc. Electro Service, Inc. 233,965; Oct. 11.
 Radioreproducers, Loud-speaker. Brandes Products Corporation. 233,977; Oct. 11.

CLASS 22.

Baits, Artificial. James Heddon's Sons. 233,769; Oct. 11; Serial No. 233,442; published July 26, 1927.
 Dolls. E. A. Spaulding. 233,805; Oct. 11; Serial No. 250,945; published July 26, 1927.
 Game, Clock-golf. Premier Sport Products, Incorporated. 233,916; Oct. 11; Serial No. 249,094; published July 19, 1927.
 Game, Golf. Vollert & Lange. 233,745; Oct. 11; Serial No. 250,272; published July 26, 1927.
 Games. E. Dodge. 233,760; Oct. 11; Serial No. 223,838; published July 26, 1927.
 Golf balls. Edwards & Walker Company. 233,984; Oct. 11.
 Skates, Roller. Kohler Die & Specialty Company. 233,736; Oct. 11; Serial No. 250,083; published July 19, 1927.
 Targets. National Rifle Association. 233,836; Oct. 11; Serial No. 250,472; published July 26, 1927.
 Tennis rackets. Little Freres. 233,843; Oct. 11; Serial No. 250,558; published July 26, 1927.
 Toy automobiles. Aluminum Industries, Inc. 233,729; Oct. 11; Serial No. 250,006; published July 26, 1927.
 Toys. McDowell Manufacturing Co. 233,759; Oct. 11; Serial No. 230,559; published July 26, 1927.

CLASS 23.

Advertising machines. Mechanical. J. H. Williams. 233,857; Oct. 11; Serial No. 247,723; published Aug. 2, 1927.
 Adzes, axes, hammers, etc. Kelly Axe & Tool Co. 233,730; Oct. 11; Serial No. 250,026; published Aug. 2, 1927.
 Cap openers, closure-applying machines, and pressure processing systems for cooking, etc. Anchor Cap & Closure Corporation. 233,875; Oct. 11; Serial No. 244,910; published Aug. 2, 1927.
 Containers, and their appliances. Fire-extinguishing. General Carbonic Company. 233,718; Oct. 11; Serial No. 249,719; published Aug. 2, 1927.
 Derricks, walking beams, drilling machines, etc. Packardburg Rig and Reel Company. 233,888; Oct. 11; Serial No. 248,858; published Aug. 2, 1927.
 Forks, hoes, etc., Agricultural and other. Otsego Fork Mills Co. Ltd. 30,526; renewed Aug. 24, 1927.
 Grease ram. G. N. Turner. 233,738; Oct. 11; Serial No. 250,104; published Aug. 2, 1927.
 Knives and forks, scythes, sickles, etc. J. Schmalz. 233,879; Oct. 11; Serial No. 244,370; published Aug. 2, 1927.
 Motor-vehicle transmissions and clutches and controls, etc. Fuller & Sons Manufacturing Co. 233,963; Oct. 11.
 Plows, Cast-iron parts of. M. Call. 233,877; Oct. 11; Serial No. 244,981; published June 28, 1927.
 Steel rolls. Birdsboro Steel Foundry and Machine Company. 233,939; Oct. 11; Serial No. 248,809; published Aug. 2, 1927.
 Tools, Bladed. Conestoga Corporation. 233,725; Oct. 11; Serial No. 249,891; published Aug. 2, 1927.
 Tools, Farming and garden. Markt & Hammacher. 233,859; Oct. 11; Serial No. 247,801; published Aug. 2, 1927.
 Tools, Farming and garden. Markt & Hammacher Company. 233,860; Oct. 11; Serial No. 247,803; published Aug. 2, 1927.

CLASS 26.

Adding and accounting machines. Remington Typewriter Company. 233,910; Oct. 11; Serial No. 236,178; published Aug. 2, 1927.
 Calculating machines. H. W. Egli. 66,214; renewed Nov. 19, 1927.
 Picture-film productions, Motion-. C. D. Fox. 233,833; Oct. 11; Serial No. 250,404; published Aug. 2, 1927.
 Picture films, cameras, and projectors. Moving-. R. S. Clark. 233,739; Oct. 11; Serial No. 250,118; published Aug. 2, 1927.
 Picture films, Motion and talking. L. de Forest. 233,778; Oct. 11; Serial No. 249,344; published Aug. 2, 1927.
 Pictures, Motion. Educational Pictures, Inc. 233,851; Oct. 11; Serial No. 250,684; published Aug. 2, 1927.
 Pictures, Motion. Metropolitan Pictures Corporation of California. 233,830; Oct. 11; Serial No. 248,766; published Aug. 2, 1927.

CLASS 29.

Brushes and dusters. Pittsburgh Plate Glass Company, Rennaous Kleinle Division. 233,981; Oct. 11.

CLASS 30.

Porcelain and earthenware goods. P. M. Twigg. 233,950; Oct. 11; Serial No. 241,971; published Aug. 2, 1927.

CLASS 31.

Refrigerators and refrigerating apparatus. Steel Products Engineering Company. 233,722; Oct. 11; Serial No. 249,819; published Aug. 2, 1927.

CLASS 32.

Bed springs, buffets, bookcases, etc. People's Outfitting Company. 233,823; Oct. 11; Serial No. 248,438; published Aug. 2, 1927.
Bookracks, portable tables, cabinets, desks, and shelving. Lefebvre Corporation. 233,862; Oct. 11; Serial No. 247,898; published Aug. 2, 1927.
Chairs, rockers, settees, and sofas. Taylor Chair Company. 66,613; renewed Dec. 17, 1927.
Mattress, portable air. Beebe Company. 233,908; Oct. 11; Serial No. 238,422; published Aug. 2, 1927.
Radiator inclosures and cabinets. Tuttle & Bailey Manufacturing Company. 233,970; Oct. 11.

CLASS 34.

Lamps or lanterns. Vehle. E. M. Rosenbluth. 30,267; renewed June 29, 1927.
Stoves, ranges, gas heaters, and parts thereof. Comstock Castile Stove Co. 67,827; renewed Feb. 18, 1928.

CLASS 35.

Hose, seamless fabric. Eureka Fire Hose Co. 80,606-7; renewed Oct. 5, 1927.
Inner tubes. B. F. Goodrich Company. 233,811-12; Oct. 11; Serial Nos. 250,991-2; published Aug. 2, 1927.

CLASS 39.

Coats, sweaters, underwear, etc. Knitted. Reading Underwear Company. 233,967; Oct. 11.
Coats, Workmen's. Crawford Manufacturing Co. 233,974; Oct. 11.
Dresses. G. Tandell. 233,971; Oct. 11.
Dresses. Turner & Gottfried, Inc. 233,966; Oct. 11.
Hats, straw. Bronston Bros and Co. 233,962; Oct. 11.
Hosiery, underwear, and sweaters. Clift & Goodrich, Inc. 233,771; Oct. 11; Serial No. 233,763; published May 31, 1927.
Neckties. Carter & Holmes. 233,973; Oct. 11.
Shoes, Arch-supporting. J. Jones. 233,972; Oct. 11.
Sweaters, bathing suits, and woven and knitted underwear. American Wholesale Corporation (Baltimore Bargain House). 233,979; Oct. 11.

CLASS 40.

Tapes, Blind ladder. James Carr & Sons. 25,742; renewed Dec. 25, 1924.

CLASS 42.

Cotton, cotton and wool, wool rayon, and rayon and cotton fabrics. Fred Butterfield & Co. Inc. 233,806; Oct. 11; Serial No. 250,973; published July 26, 1927.
Cotton piece goods. M. C. D. Borden & Sons, Inc. 233,915; Oct. 11; Serial No. 251,168; published Aug. 2, 1927.
Cotton piece goods. M. C. D. Borden & Sons, Inc. 233,961; Oct. 11; Serial No. 251,167; published Aug. 2, 1927.
Cotton, wool, linen, etc. Piece goods made of. Ely & Walker Dry Goods Company. 233,895; Oct. 11; Serial No. 251,030; published Aug. 2, 1927.
Draperies. John W. Henson Company. 233,727; Oct. 11; Serial No. 249,900; published Aug. 2, 1927.
Fabrics in the piece. Pile. Sidney Blumenthal & Co. 233,891; Oct. 11; Serial No. 251,120; published Aug. 2, 1927.
Fabrics in the piece. Pile. Sidney Blumenthal & Co. Inc. 233,892; Oct. 11; Serial No. 251,118; published Aug. 2, 1927.
Fabrics in the piece. Pile. Sidney Blumenthal & Co. Inc. 233,893; Oct. 11; Serial No. 251,116; published Aug. 2, 1927.
Fabrics in the piece. Pile. Sidney Blumenthal & Co. Inc. 233,894; Oct. 11; Serial No. 251,111; published Aug. 2, 1927.
Fabrics, Knitted silk and yarn. E. Haackel. 233,901; Oct. 11; Serial No. 248,245; published Aug. 2, 1927.
Fabrics, Pile. Sidney Blumenthal & Co. Inc. 233,914; Oct. 11; Serial No. 251,217; published Aug. 2, 1927.
Goods, Dry. Hahne & Co. 31,059; renewed Dec. 28, 1927.
Handkerchiefs. R. W. Eldridge Company. 233,868; Oct. 11; Serial No. 248,165; published Aug. 2, 1927.
Linen, Hand-embroidered bed and table. Geo. M. Khouri & Bros. 233,757; Oct. 11; Serial No. 227,522; published Aug. 2, 1927.
Rugs and carpets, Textile. Pennsylvania Axminster Carpet Corporation. 233,799; Oct. 11; Serial No. 249,598; published Aug. 2, 1927.
Silk, cotton, rayon, etc. Piece goods of. Rice-Stix Dry Goods Company. 233,847; Oct. 11; Serial No. 250,639; published Aug. 2, 1927.
Silk piece goods. F. Ducharme Silk Co. Inc. 233,956; Oct. 11; Serial No. 251,126; published Aug. 2, 1927.

Silk piece goods. Empire Silk Corporation. 233,882; Oct. 11; Serial No. 248,761; published Aug. 2, 1927.
Silk, rayon, and mixtures of these materials. Piece goods of. Duplan Silk Corporation. 233,838; Oct. 11; Serial No. 250,493; published Aug. 2, 1927.
Silk, silk and cotton, etc. Piece goods composed of. Bendix, Inc. 233,938; Oct. 11; Serial No. 249,148; published Aug. 2, 1927.
Woolen and worsted fabrics. Detmer, Bruner & Mason, Inc. 233,740; Oct. 11; Serial No. 250,166; published Aug. 2, 1927.

Woolen flannels. Atlantic Mills. 233,092; Oct. 11.
Woolen goods. S. Stein & Co. 233,993; Oct. 11.
Woolen piece goods. Forstmann & Huffmann Company. 233,840; Oct. 11; Serial No. 250,497; published Aug. 2, 1927.
Woolen piece goods. Forstmann & Huffmann Company. 233,841-2; Oct. 11; Serial Nos. 250,508-9; published Aug. 2, 1927.
Woolen piece goods. Forstmann & Huffmann Company. 233,957; Oct. 11; Serial No. 251,130; published Aug. 2, 1927.

CLASS 44.

Device. R. M. Clark. 55,493; renewed Aug. 14, 1926.
Device to overcome mouth breathing and snoring. A. Markowski. 233,964; Oct. 11.
Sanitary napkins. Hospital Specialty Co. 233,912; Oct. 11; Serial No. 235,825; published July 26, 1927.

CLASS 45.

Beverage. H. Rabbes. 233,737; Oct. 11; Serial No. 250,095; published July 26, 1927.
Beverage. W. W. Health Drinks, Inc. 233,834; Oct. 11; Serial No. 250,449; published July 26, 1927.
Beverage and powder for making the same. J. Pendleton. 233,886; Oct. 11; Serial No. 248,969; published July 26, 1927.
Beverage sold as a soft drink. Brownie Corporation. 233,909; Oct. 11; Serial No. 237,776; published July 26, 1927.
Beverage sold as a soft drink. M. Harrison. 233,721; Oct. 11; Serial No. 249,791; published July 26, 1927.
Beverages. J. A. Mitchell. 233,835; Oct. 11; Serial No. 250,471; published July 26, 1927.
Beverages and water. Foss & Burrill. 233,733; Oct. 11; Serial No. 250,074; published July 26, 1927.
Ginger ale. Caribbean Beverage Company. 233,937; Oct. 11; Serial No. 249,213; published July 26, 1927.
Ginger ale and sirup for making same. J. Friedman. 233,955; Oct. 11; Serial No. 243,085; published July 26, 1927.
Ginger ale, orangeade, and soda water. W. A. Ross & Sons Limited. 30,632; renewed Oct. 5, 1927.
Sirup. R. L. Eves. 31,317; renewed Feb. 22, 1928.
Waters, Distilled and carbonated. Consumers Company. 31,147; renewed Jan. 18, 1928.
Waters or liquids, Mineral or aerated. William Coffey & Co. Limited. 31,018; renewed Dec. 21, 1927.

CLASS 46.

Alimentary products. J. M. Zaccaria. 233,990; Oct. 11.
Asparagus. Three Rivers Growers Association. 233,953; Oct. 11; Serial No. 242,971; published July 26, 1927.
Candies. Potomac Candy Studio. 233,829; Oct. 11; Serial No. 248,649; published Aug. 2, 1927.
Candy. Jacobs Candy Co. 233,911; Oct. 11; Serial No. 235,956; published July 26, 1927.
Candy. M. Kratchwill Candy Co. 233,920; Oct. 11; Serial No. 246,836; published Aug. 2, 1927.
Candy. Sears & Hinchliffe. 233,904; Oct. 11; Serial No. 240,446; published July 26, 1927.
Canned filling for cakes, pies, sandwiches, and sauce. Mrs. A. B. Means. 233,940; Oct. 11; Serial No. 241,109; published July 26, 1927.
Canned fish. Northwestern Fisheries Company. 66,181; renewed Nov. 12, 1927.
Canned fruits. Pacific Coast Cannery, Inc. 233,816; Oct. 11; Serial No. 248,426; published July 26, 1927.
Canned fruits. Pacific Coast Cannery, Inc. 233,817; Oct. 11; Serial No. 248,427; published July 26, 1927.
Canned fruits. Pacific Coast Cannery, Inc. 233,818; Oct. 11; Serial No. 248,429; published July 26, 1927.
Canned fruits. Pacific Coast Cannery, Inc. 233,819; Oct. 11; Serial No. 248,431; published July 26, 1927.
Canned fruits. Pacific Coast Cannery, Inc. 233,844; Oct. 11; Serial No. 250,563; published July 26, 1927.
Canned fruits. Wenatchee Packing Corporation. 233,865; Oct. 11; Serial No. 247,980; published Aug. 2, 1927.
Canned fruits. Wenatchee Packing Corporation. 233,866; Oct. 11; Serial No. 247,983; published July 26, 1927.
Canned fruits and berries. Libby, McNeill & Libby. 233,742; Oct. 11; Serial No. 250,180; published July 26, 1927.
Canned fruits and vegetables. Pacific Coast Cannery, Inc. 233,820; Oct. 11; Serial No. 248,434; published July 26, 1927.
Canned fruits and vegetables and dried fruits. Harry Hall & Co. Inc. 233,932; Oct. 11; Serial No. 248,836; published Aug. 2, 1927.
Canned fruits, fruit preserves, fruit jellies, jams, etc. Cresta Bianca Company. 233,773; Oct. 11; Serial No. 235,803; published July 26, 1927.

Canned fruits, vegetables, etc. B. I. Gilberg. 233,828; Oct. 11; Serial No. 248,632; published July 26, 1927.
Canned olive oil. M. Iacono. 233,763; Oct. 11; Serial No. 231,482; published July 26, 1927.
Canned peaches. Handy Andy Community Stores, Inc. 233,765; Oct. 11; Serial No. 231,602; published Aug. 2, 1927.
Canned sardines. Angus Watson & Co. (America) Limited. 233,922; Oct. 11; Serial No. 246,808; published Aug. 2, 1927.
Canned vegetable sauce. K. Pharr. 233,870; Oct. 11; Serial No. 248,249; published July 26, 1927.
Canned vegetables. North Freedom Canning Co. 233,930; Oct. 11; Serial No. 245,575; published Aug. 2, 1927.
Canned vegetables. Winorr Canning Company. 233,826; Oct. 11; Serial No. 248,607; published July 26, 1927.
Canned vegetables and fruits, coffee, etc. Baker Brothers Company. 233,929; Oct. 11; Serial No. 245,825; published July 26, 1927.
Canned vegetables and tomato purée, tomato catchup, and vinegar. Pacific Coast Cannery, Inc. 233,822; Oct. 11; Serial No. 248,436; published Aug. 2, 1927.
Canned vegetables, tomato purée, etc. Pacific Coast Cannery, Inc. 233,821; Oct. 11; Serial No. 248,435; published July 26, 1927.
Coffee. Fleischmann's Vienna Model Bakery, Inc. 233,913; Oct. 11; Serial No. 251,269; published Aug. 2, 1927.
Coffee. M. R. Johnston Coffee Co. Inc. 233,707; Oct. 11; Serial No. 250,804; published Aug. 2, 1927.
Coffee. Lieux Bros. 233,749; Oct. 11; Serial No. 250,312; published Aug. 2, 1927.
Coffee. J. R. Osuna. 233,744; Oct. 11; Serial No. 250,259; published July 26, 1927.
Coffee. Whitten-Rader-Johnson Inc. 233,878; Oct. 11; Serial No. 244,377; published July 26, 1927.
Coffee, caviar, vinegar, sour tomatoes, and eggs. M. Bortz Company. 233,724; Oct. 11; Serial No. 240,889; published July 26, 1927.
Coffee substitute. G. D. Spragg. 233,750; Oct. 11; Serial No. 250,330; published Aug. 2, 1927.
Doughnuts, doughnut flour, and potato chips. Dawn Donut Company of Jackson. 233,770; Oct. 11; Serial No. 233,480; published July 26, 1927.
Extracts for foods, Flavoring. Plough Chemical Company. 233,980; Oct. 11.
Fish. Gorton-Pew Fisheries Company. 233,943; Oct. 11; Serial No. 248,768; published Aug. 2, 1927.
Flour, Wheat. Big Diamond Mills Company. 233,880; Oct. 11; Serial No. 243,744; published July 12, 1927.
Frankfurters, horse-radish, etc. Louis Meyer Co. 233,743; Oct. 11; Serial No. 250,182; published July 26, 1927.
Fruits, Fresh citrous. Orange Mutual Citrus Association. 233,723; Oct. 11; Serial No. 249,860; published July 26, 1927.
Fruits, Fresh citrous. Redlands Heights Groves, Inc. 233,845; Oct. 11; Serial No. 250,565; published July 26, 1927.
Fruits, Fresh deciduous. W. C. Merwin. 233,949; Oct. 11; Serial No. 241,892; published July 26, 1927.
Fruits, Preserved. Industria Marmellate e Conserve Alimentari. 233,945; Oct. 11; Serial No. 240,976; published Aug. 2, 1927.
Grapefruit and oranges. W. T. Hodge. 233,856; Oct. 11; Serial No. 247,693; published July 26, 1927.
Grapefruit, oranges, and lemons. S. Di Carlo. 233,756; Oct. 11; Serial No. 214,239; published Aug. 2, 1927.
Gravy. Tucco Corporation. 233,887; Oct. 11; Serial No. 248,867; published July 26, 1927.
Honey. T. W. Burleson. 233,753; Oct. 11; Serial No. 250,396; published July 26, 1927.
Lard. E. Kahn's Sons Company. 233,734-5; Oct. 11; Serial Nos. 250,081-2; published Aug. 2, 1927.
Milk and cream. Sheffield Farms-Slawson-Decker Co. 67,165; renewed Jan. 21, 1928.
Nuts, Salted and shelled. Florida Nut Products Co. 233,839; Oct. 11; Serial No. 250,496; published Aug. 2, 1927.

Oil, Olive. Strohmeier & Arpe Co. 67,727; renewed Feb. 18, 1928.
Oil, Salad. Strohmeier & Arpe Co. 67,728; renewed Feb. 18, 1928.
Oleomargarine. H. C. Hoffman. 233,991; Oct. 11.
Olives, Canned and bottled. Robertson & Sutton Company. 233,985; Oct. 11.
Oranges, lemons, and grapefruit. Limoneira Company. 233,799; Oct. 11; Serial No. 250,846; published July 26, 1927.
Oranges, lemons, and grapefruit. Limoneira Company. 233,800; Oct. 11; Serial No. 250,848; published July 26, 1927.
Oranges, lemons, grapefruit. Piru Citrus Association. 233,994; Oct. 11.
Oranges, lemons, and grapefruit. Teague-McKevett Company. 233,801; Oct. 11; Serial No. 250,870; published July 26, 1927.
Peanuts, Salted. M. Glenn. 233,933; Oct. 11; Serial No. 248,831; published July 26, 1927.
Pickles, Canned and bottled. Robertson & Sutton Company. 233,986; Oct. 11.
Pickles, Sweet. Badger Pickle Co. 233,804; Oct. 11; Serial No. 250,893; published Aug. 2, 1927.
Poultry. Peter Fox Sons Co. 233,779; Oct. 11; Serial No. 249,373; published July 26, 1927.
Poultry, Dressed. Peter Fox Sons Co. 233,781; Oct. 11; Serial No. 249,374; published July 26, 1927.
Sauerkraut juice. C. M. Bogle. 233,902; Oct. 11; Serial No. 249,888; published July 26, 1927.
Sirup, Malt. W. M. Birgelen. 233,987; Oct. 11.
Sirup, Malt. Lucido Bros. Grocery Co. 233,985; Oct. 11.
Sirup, Malt. F. W. Kode. 233,989; Oct. 11.
Strawberries, dewberries, raspberries, and apples, Fresh. Barger & Golightly. 233,858; Oct. 11; Serial No. 247,771; published Aug. 2, 1927.
Sugars. Colonial Sugars Company. 233,807; Oct. 11; Serial No. 250,976; published July 26, 1927.
Tea and coffee. Creamette Company. 233,754; Oct. 11; Serial No. 211,981; published Aug. 2, 1927.
Vinegars and pickles. Oakland Vinegar and Pickle Co. 66,302; renewed Nov. 19, 1927.
Wheat flakes, Toasted whole. W. F. Rohbock. 233,978; Oct. 11.

CLASS 49.

Cordial. J. B. Lysholm. 63,784; renewed July 9, 1927.
Cordial, punch, and brandy. J. B. Lysholm. 63,816; renewed July 9, 1927.

CLASS 50.

Arithmetical teaching devices. R. M. Williamson. 233,832; Oct. 11; Serial No. 248,737; published July 26, 1927.
Awnings, tents, etc. Swanfeldt Tent and Awning Company. 233,761; Oct. 11; Serial No. 225,149; published July 26, 1927.
Bronzes. E. T. Hurley. 233,881; Oct. 11; Serial No. 243,312; published July 19, 1927.
Caps for Mason jars. Aluminum Company of America. 233,837; Oct. 11; Serial No. 250,486; published Aug. 2, 1927.
Pads, Table. O. Winter. 233,921; Oct. 11; Serial No. 246,798; published July 26, 1927.
Rubber sheeting. S. Blechman & Sons, Inc. 233,900; Oct. 11; Serial No. 247,256; published July 19, 1927.
Sheets, ground blankets, covering blankets, etc. Alligator Company. 233,720; Oct. 11; Serial No. 249,770; published July 26, 1927.
Signs. Glass Decorating Corporation. 233,825; Oct. 11; Serial No. 248,492; published July 26, 1927.
Signs. Municipal Street Sign Co. 233,831; Oct. 11; Serial No. 248,710; published July 26, 1927.
Signs and art panels, etc. Pyraglass Products, Inc. 233,903; Oct. 11; Serial No. 248,514; published July 26, 1927.
Waterproof cloth, awnings, and tarpaulins. Alligator Company. 233,719; Oct. 11; Serial No. 249,768; published July 26, 1927.

ALPHABETICAL LIST OF LABELS.

A-C Mints. For Laxative Candy. A-C Mint Corporation. 32,824; Oct. 11.
American Eagle Paper Shot Shells. For Shotgun Shells. Federal Cartridge Corporation. 32,832; Oct. 11.
Autocrat. For Ice Cream. French Brothers-Bauer Company. 32,834; Oct. 11.
Beale Isle. For Canned Tunny Fish. French Sardine Company of California. 32,836; Oct. 11.
Best Ever Grade "A" Malt Extract. For Malt Extract. A. Grand. 32,838; Oct. 11.
Bluebird. For Fresh Grapes. Anglo-Californian Vineyard (1922) Ltd. 32,825; Oct. 11.
Boek Brand Malt Syrup. For Malt Syrup. A. Grand. 32,839; Oct. 11.
Brewers Malt Extract. 100% Pure Barley Malt. For Malt Extract. A. Grand. 32,840; Oct. 11.
Emerald. For Shelled Walnuts. California Walnut Growers Association. 32,828; Oct. 11.
Ever-Scent. For Compressed Perfume. M. Shafer. 32,850; Oct. 11.
Golax—The Right Road to Health. For Laxative Preparation. John H. Wilcox & Co. 32,855; Oct. 11.
Harry's Shoes. For Shoes. Hoague-Sprague Corporation. 32,843; Oct. 11.
Hawkins'. For Candy. A. B. Hawkins. 32,841; Oct. 11.
Hess Brothers. For Footwear. Hoague-Sprague Corporation. 32,842; Oct. 11.
High Hat. For Fresh Grapes. G. L. Dinjian. 32,830; Oct. 11.
Highland Queen. For Waterless Cleanser. R. F. Johnston Paint Company. 32,846; Oct. 11.
Hi-Power Shot Shells. For Loaded Shotgun Shells. Federal Cartridge Corporation. 32,833; Oct. 11.

Hostess Cake. For Cake. Continental Baking Company. 32,827; Oct. 11.
Ice Cream Smak. For Chocolate-Coated Ice Cream. Ice Cream Smak Products Co. 32,845; Oct. 11.
Ko-Ko Delight. For Ice Cream Covered with Coconut. A. O. Crepeau. 32,829; Oct. 11.
Mermald. For Hair Grower. Mme. H. S. Summers. 32,852; Oct. 11.
Messina. For Canned Tunny Fish. French Sardine Company of California. 32,835; Oct. 11.
Nickel Iron Alkaline Storage Battery. For Storage Batteries. Edison Storage Battery Company. 32,831; Oct. 11.
No. 4 Diamoblox. For an Instructive Game. Strombeck-Becker Mfg. Co. 32,851; Oct. 11.
Roe's. For Ice Cream. Sutherland Paper Company. 32,852; Oct. 11.
Royal Kitchen. For Canned Peaches. Pratt-Low Preserving Company. 32,849; Oct. 11.
Stockald Animal Spray. For Animal Spray. Toledo Rex Spray Co. 32,854; Oct. 11.
Taas. For a Preparation for Seasickness. C. G. Playfair. 32,848; Oct. 11.
Telling's Smak. For Chocolate-Coated Ice Cream. Ice Cream Smak Products Co. 32,844; Oct. 11.
The King of Crooks. For Cigars. A. J. Golden. 32,837; Oct. 11.
Tom Cat. For Grapes. Cutler Fruit Grower's Association. 32,828; Oct. 11.
Wellworth. For Cantaloupes. D. T. Pilchard. 32,847; Oct. 11.

ALPHABETICAL LIST OF PRINTS.

A Tooth and its Supporting Structures. For Dental Cream. E. R. Squibb & Sons. 10,259; Oct. 11.
Chek-It. For a Preventive to Prevent Continuation Runs in Hosiery, Silks, Lingerie, and Other Material. Helene Co. 10,251; Oct. 11.
Federal Certified Canvas Shower Curtain. For Shower-Bath Curtains. Para Rubber Company. 10,255; Oct. 11.
Gene Tunney. For Knitted Sweaters and Jackets. Green-Haas-Schwartz Company. 10,249; Oct. 11.
Genelco. For Electrical Apparatus. B. M. Gordon. 10,247; Oct. 11.
Golf-Bow. For Neckties. A. Schreter & Sons Co. 10,256; Oct. 11.
I Get Some Every Day. For Cereal Foods. Hecker-H-O Company. 10,250; Oct. 11.
Lionel Model Trains Differ from Real Trains Only in Size. For Toy Trains. Lionel Corporation. 10,252; Oct. 11.

Love-Kissed Wedding Rings. For Wedding Rings. J. H. Spiro. 10,257-8; Oct. 11.
Mothers Say This Plan Works Wonders. For Wheat Breakfast Food. Cream of Wheat Co. 10,246; Oct. 11.
Sun Toasted Golden Grain. For Breakfast Food. B. M. Gordon. 10,248; Oct. 11.
Superior Guaranteed Heating Service. For Warm-Air Furnaces. Utica Heater Company. 10,260; Oct. 11.
The Only Difference Between Lionel Model Trains and Real Trains is the Size. For Toy Trains. Lionel Corporation. 10,253; Oct. 11.
We Sell Stacks of Webster Cigars. For Cigars. Webster Cigar Company. 10,261; Oct. 11.
When . . . Creeping Upward Threaten Your Profits. For Loose-Leaf and Bound Books. National Blank Book Company. 10,254; Oct. 11.

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ALPHABETICAL LIST OF PATENTEEES

TO WHOM

PATENTS WERE ISSUED ON THE 11TH DAY OF OCTOBER, 1927.

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice). Includes patents, reissues, and designs.

Accountograph Company, The. (See Schinke, Edward C., assignor.)
Ackerman-Blaesser-Fezzy Corporation. (See Ackerman, Edward L., assignor.)
Ackerman, Edward L., assignor to Ackerman-Blaesser-Fezzy Corporation, Detroit, Mich. Sash-operating mechanism. 1,644,809; Oct. 11.
Acro Aktiengesellschaft. (See Lang, Franz, assignor.)
Ainsworth Manufacturing Company. (See Potter, Albert T., assignor.)
Alben, Frank L., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Centering device. 1,645,271; Oct. 11.
Alben, Frank L., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Drive mechanism for electric locomotives. 1,645,272; Oct. 11.
Albert, Frank J., West New York, N. J. Device for eliminating the printing of impressions on impression-cylinder packings. 1,645,469; Oct. 11.
Alexander, John E., Port Edwards, Wis. Drying material. 1,645,366; Oct. 11.
Alheit, Henry A., Boston, Mass. Store furniture. 1,645,470; Oct. 11.
Altman, Jacob K., Philadelphia, Pa. Yarn-winding machine. 1,644,973; Oct. 11.
Aluminum Products Company. (See Hastings, William A., assignor.)
American Can Company. (See Corey, Harry R., assignor.)
American Can Company. (See Hotherhall, John M., assignor.)
American Flange & Manufacturing Co. (See Schwartz, Morris, assignor.)
American Lakes Paper Company. (See Kress, Otto, assignor.)
American Meter Company. (See Linderman, Garrett B., Jr., assignor.)
American Multigraph Company, The. (See Demming, William J., assignor.)
American Optical Company. (See Tillyer, E. D., and Moulton, assignors.)
American Plumbing and Heating Co. (See Hardacker, William E., assignor.)
American Sales Book Company. (See Bottle, Edward K., assignor.)
American Telephone and Telegraph Company. (See Jacobson, Emil, assignor.)
American Telephone and Telegraph Company. (See Potter, Ralph K., assignor.)
American Telephone and Telegraph Company. (See Toomey, John F., assignor.)
American Ticket Scale Company, The. (See Slezak, Vincent F., assignor.)
Anchor Cap and Closure Corporation. (See Podel, Abraham, assignor.)
Anderson, Alfred R., New Haven, Conn. Ventilator and the like. 1,644,701; Oct. 11.
Anderson, David E., assignor to General Motors Corporation, Detroit, Mich. Internal-combustion engine. 1,644,702; Oct. 11.
Anderson, Ivar A., Chicago, Ill. Porch-rail fastener. 1,644,768; Oct. 11.
Anderson, Roy F., assignor to Hayes-Ionia Company, Grand Rapids, Mich. Automobile visor. 1,644,662; Oct. 11.
Angell, Chester M., assignor to Vesta Battery Corporation, Chicago, Ill. Battery-plate filling machine. 1,644,659; Oct. 11.
Ankarlo, Victor E., Duluth, Minn., assignor of five per cent to T. J. Saed, Superior, Wis., five per cent to J. O. Bodin, Duluth, Minn., and five per cent to G. M. Schuchert, Milwaukee, Wis. Connecting-rod bearing. 1,644,974; Oct. 11.
Ansonia O & C Company, The. (See Clauss, George E., assignor.)
Arkfeld, John, Norfolk, assignor to L. Arkfeld, Omaha, Neb. Animal drinking trough. 1,644,660; Oct. 11.
Arkfeld, Lyman. (See Arkfeld, John, assignor.)
Armstrong, William D., New Bedford, Mass. Internal-combustion engine. 1,645,471; Oct. 11.
Armstrong, Percy A. E., New York, N. Y. Alloy impact-tool steel. 1,645,213; Oct. 11.
Arrow Electric Company, The. (See Nero, Arvid H., assignor.)
Arthur, Glenn W., Osborn, Ohio. Corn shocker. 1,645,212; Oct. 11.
Ashton, Richard A. (See King, N., and Ashton.)

Atkinson, Frederick C., Indianapolis, Ind. Material for commutator brushes. 1,644,703; Oct. 11.
Au, Carl H., assignor of one-half to J. C. Hoyt, Washington, D. C. Reciprocating mechanical movement. 1,645,273; Oct. 11.
Aufenast, William G., St. Paul, Minn. Electric-iron cord holder. 1,644,661; Oct. 11.
August, Johannes R. C., London, England. Optical projection system. 1,645,367; Oct. 11.
Austin, Roy, London, England. Illuminated sign. 1,644,663; Oct. 11.
Auto Wheel Coaster Company. (See Weyers, Howard L., assignor.)
Automatic Electric Control Company, The. (See Dodge, Owen, assignor.)
Automatic Electric Inc. (See Wicks, John, assignor.)
Avon Sole Company. (See Packard, Lester E., assignor.)
Bass, Dick J., Pease, Minn. Automatic ignition-control device for engines. 1,644,810; Oct. 11.
Babbitt, John F., assignor to J. V. Pilcher, Louisville, Ky. Vanity case. 1,644,704; Oct. 11.
Babcock & Wilcox Company, The. (See Weston, Sydney F., assignor.)
Bach, Oscar B., New York, N. Y. Console table. Des. 73,595; Oct. 11.
Bacon, George M., Salt Lake City, Utah, assignor to A. K. Morgan, Chicago, Ill. Linen-straightening mechanism for laundry mangles. 1,645,036; Oct. 11.
Bagnall, Anna M., executrix. (See Hamilton, W. E., and Bagnall.)
Bagnall, Ernest J. (See Hamilton, W. E., and Bagnall.)
Baldwin, Oliver W., Gary, Ind. Combination salt and pepper shaker. 1,644,811; Oct. 11.
Balkenbush, Joseph J., Fowler, Colo. Protective device for vaults. 1,645,368; Oct. 11.
Ball, Harry V., Concord, Mass., assignor to R. Hice & Co., Inc., New York, N. Y. Adjustable ink-pump rail. 1,644,724; Oct. 11.
Ballard, Arthur H., Boston, Mass. Aeroplane runway. 1,645,494; Oct. 11.
Ballash, Joseph L., assignor to The Cleveland Stone Company, Cleveland, Ohio. Grinding machine. 1,644,812; Oct. 11.
Banbury, Cecil E., London, England. Tent or shelter. 1,644,664; Oct. 11.
Banner, Otto A., assignor to The Falk Corporation, Milwaukee, Wis. Fuel-injection system for oil engines. 1,644,769; Oct. 11.
Barber-Colman Company. (See Peterson, Burt A., assignor.)
Barber, Howard M., Stonington, Conn., assignor to C. B. Cottrell & Sons Company, New York, N. Y. Holding sheets in register on tape carriers. 1,645,175; Oct. 11.
Barber, Howard M., Stonington, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Signature-delivery mechanism for printing presses. 1,645,176; Oct. 11.
Barber, Martin A., Cleveland, Ohio. Automatic-train-pipe connector. 1,644,975; Oct. 11.
Bardax, Byron, New York, N. Y. Milk-bottle holder. 1,645,274; Oct. 11.
Barker, William T., Jr., assignor to Hartford-Empire Company, Hartford, Conn. Method and apparatus for feeding molten glass. 1,645,221; Oct. 11.
Barr, Sidney U., Brooklyn, N. Y. Double-hung window. 1,644,814; Oct. 11.
Barratt, Edgar G., New York, N. Y., assignor to The Beaver Products Company, Inc. Tile. 1,645,214; Oct. 11.
Bartlett, George W., Tacoma, Wash., assignor to Bartlett Oil Burner & Power Company, Burner. 1,645,222; Oct. 11.
Bartlett Oil Burner & Power Company. (See Bartlett, George W., assignor.)
Bassett, Cyrus W., Montclair, assignor to Elevator Supplies Company, Inc., Hoboken, N. J. Elevator-position indicator. 1,644,866; Oct. 11.
Bauer, Frederick E., New York, N. Y. Electrical surgical apparatus. 1,645,215; Oct. 11.
Baughman, George W., Edgewood Borough, assignor to The Union Switch & Signal Company, Swisvale, Pa. Railway-traffic-controlling apparatus. 1,644,813; Oct. 11.
Bayuk Cigars Incorporated. (See Kitchel, R. R., and Mullen, assignors.)
Beardsley, Charles E., Waterbury, assignor to The Rison Manufacturing Company, Naugatuck, Conn. Smokers' stand. Des. 73,596; Oct. 11.

Beaver Products Company, The. (See Barratt, Edgar G., assignor.)
 Beck, Charles W., Toledo, Ohio, assignor to The Beck-Frost Corporation, Detroit, Mich. Automobile can holder. 1,644,865; Oct. 11.
 Beck-Frost Corporation, The. (See Beck, Charles W., assignor.)
 Beck-Frost Corporation, The. (See Lober, George H., assignor.)
 Bedford, Clayton W., assignor to Goodyear Tire & Rubber Company, Akron, Ohio. Vulcanizing caoutchouc. 1,645,084; Oct. 11.
 Behr, Gustave E., Jr., Brooklyn, assignor to National Lead Company, New York, N. Y. Abrasive sheet material. 1,645,057; Oct. 11.
 Beldier, Elliott W., trustee. (See Zimmermann, Hans J., assignor.)
 Belcher, Miles H., Greasy Creek, Ky. Combination tool. 1,644,705; Oct. 11.
 Bell Telephone Laboratories, Incorporated. (See May, David T., assignor.)
 Bellman, John A., assignor to M. M. Payne and W. G. Flouray, Henryetta, Okla. Spudding shoe. 1,645,472; Oct. 11.
 Beloit Iron Works. (See Berry, Earl E., assignor.)
 Bender, George A., Pittsburgh, Pa. Collapsible case. 1,644,909; Oct. 11.
 Bengel, Edward C., St. Louis, Mo., assignor to The Lamson Company, Syracuse, N. Y. Pneumatic dispatch carrier. 1,645,495; Oct. 11.
 Bensing, Le Rue P., assignor of one-half to G. P. Koeliker, Cleveland Heights, Ohio. Electrolytic rectifier. 1,645,085; Oct. 11.
 Berg, John, assignor to Metal Specialties Manufacturing Company, Chicago, Ill. Visor. 1,645,216; Oct. 11.
 Bernou, Maurice L., London, assignor of one-half to R. J. Walker, Leicester, England. Perambulator. 1,644,706; Oct. 11.
 Berry, Earl E., Beloit, Wis., assignor to Beloit Iron Works, Suction box. 1,644,867; Oct. 11.
 Berry, Edward R., Malden, and P. K. Devers, Lynn, Mass., assignors to General Electric Company. Method and apparatus for working quartz. 1,645,086; Oct. 11.
 Betts, Walter L. (See Kuhn, J. J., and Betts.)
 Beyer, Albert, assignor to Rheinische Gummi- und Celluloid-Fabrik, Mannheim-Neckarau, Germany. Manufacture of dolls and parts thereof from cellulose derivatives. 1,645,275; Oct. 11.
 Biberman, Eva G., Philadelphia, Pa. Lady's and children's bloomers. 1,645,369; Oct. 11.
 Bixler, L. B. Henry, and W. L. Bixler, Fresno, Calif. Garment conveyor. 1,645,315; Oct. 11.
 Bixler, William L. (See Bixler, L. B. Henry, and W. L.)
 Blackmore, Lloyd, Highland Park, assignor to General Motors Corporation, Detroit, Mich. Drive-axle construction. 1,644,707; Oct. 11.
 Blackmore, Lloyd, Highland Park, assignor to General Motors Corporation, Detroit, Mich. Motor vehicle. 1,644,708; Oct. 11.
 Blair, George W., assignor to Mishawaka Rubber and Woolen Manufacturing Company, Mishawaka, Ind. Shoe. Des. 73,597; Oct. 11.
 Blake, Eli J., Buffalo, assignor, by mesne assignments, to Gould Car Lighting Corporation, New York, N. Y. Turbine generator set. 1,645,411; Oct. 11.
 Blakely, Wilbur A. (See Swickard, Frank, assignor.)
 Blankinship, William G., et al. (See Ginger, Frank M., assignor.)
 Blohm, George A. (See Corlew, C. M., and Blohm.)
 Blue Tip Pile Wire & Knife Company. (See Pfeiffer, Immanuel, assignor.)
 Bodin, Joel O., et al. (See Ankarlo, Victor E., assignor.)
 Bodine, Alfred V., assignor to Dictaphone Corporation, Bridgeport, Conn. Sound modifier. 1,645,087; Oct. 11.
 Boehm, Frank J., et al. (See Weiss, Max M., assignor.)
 Boesch, Jacob J., assignor to The Meyer Furnace Company, Peoria, Ill. Furnace. 1,645,223; Oct. 11.
 Bagzild & Jacobsen. (See Jensen, Jens J., assignor.)
 Bohn, Gebhard C., St. Paul, Minn. Refrigerator. 1,644,910; Oct. 11.
 Bonsall, Charles D., New Kensington, Pa. Carline reinforcement and load-lifting arrangement. 1,645,217; Oct. 11.
 Booth, Anna W. and G. W., Baltimore, Md. Closure for bottles or jars. 1,645,316; Oct. 11.
 Booth, George W. (See Booth, Anna W. and G. W.)
 Borer, William J., Genoa, Nebr. Fountain comb. 1,645,028; Oct. 11.
 Borkes, Francis W., Cleveland, Ohio, assignor, by mesne assignments, to Motor Terminals Company, New York, N. Y. Hoist. 1,644,770; Oct. 11.
 Bottle, Edward K., Elmira, N. Y., assignor to American Sales Book Company, Limited, Toronto, Ontario, Canada. Holder for manufacturing books. 1,645,177; Oct. 11.
 Bowen, William S., Westfield, N. J. Governor for rotating mechanisms. 1,645,088; Oct. 11.
 Bowman, Henry V. (See Woolsey, C. A., and Bowman.)
 Boyle, James H., assignor to The Boye Needle Company, Chicago, Ill. Commodity cabinet. 1,645,218; Oct. 11.
 Boye Needle Company, The. (See Boyle, James H., assignor.)

Boynton, Stanley E., Oak Park, Ill., assignor to C. E. Reed. Lathe dog. 1,645,219; Oct. 11.
 Brady, Gertrude, New York, N. Y. Clothespin. 1,645,220; Oct. 11.
 Brady, John F. (See Enzenauer, Stephen C., assignor.)
 Brandes Laboratories, Inc. (See Dietrich, F., and Gerns, assignors.)
 Braun, Aquila R., assignor, by mesne assignments, to The Prosperity Company, Inc., Syracuse, N. Y. Electric press. 1,644,911; Oct. 11.
 Braunsdorf, Otto. (See Nawlasky, P., Braunsdorf, and Holzappel.)
 Bredow, Robert A., Los Angeles, Calif. Hat block. 1,644,976; Oct. 11.
 Briggs & Stratton Corporation. (See Jacobl, Edward N., assignor.)
 Briggs & Stratton Corporation. (See Mack, Perry E., assignor.)
 Broady, Harry W., New York, N. Y., and G. G. H. Rydberg, Appelviken, assignors to Svenska Aktiebolaget Logg, Stockholm, Sweden. Pitot tube. 1,644,815; Oct. 11.
 Brodie, Ralph N., Oakland, and A. J. Granberg, Berkeley, Calif. Liquid meter. 1,644,868; Oct. 11.
 Brown, Charles S., Syracuse, N. Y. Tractor and implement construction. 1,645,224; Oct. 11.
 Brown Company. (See Ek, Arvid, assignor.)
 Brown, Edgar D., Pottsville, Pa. Brake mechanism for automobiles. 1,645,124; Oct. 11.
 Brown, Edgar D., Pottsville, Pa. Brake mechanism for vehicles. 1,645,125; Oct. 11.
 Brown, Oscar, assignor of one-half to Morton Machine Works, Columbus, Ga. Automatic knock-off for cotton pickers. 1,645,412; Oct. 11.
 Brown & Pengilly, Inc. (See Pengilly, Joseph H., assignor.)
 Browne, Vere B., Tarentum, Pa. Preparing low-carbon alloys. 1,645,126; Oct. 11.
 Bruhn, Daniel, Hobart, Ind. Steel interior for houses. 1,644,869; Oct. 11.
 Brune, Anna D., St. Louis, Mo. Draining and dumping container. 1,644,977; Oct. 11.
 Brunsicki, Thaddeus J. (See Cook, J. T., Jr., Murphy, Brunsicki, and Goldsmith.)
 Bryant Electric Company, The. (See Kinney, Aldon M., assignor.)
 Brzykcy, Antoni, Minneapolis, Minn. Animal trap. 1,645,225; Oct. 11.
 Budd, Edward G., Manufacturing Company. (See Ledwinka, Joseph, assignor.)
 Budd, Edward G., Manufacturing Company. (See Tarbox, John P., assignor.)
 Buft, Louis F. (See Sebell, Harry, assignor.)
 Bull, Arthur A., assignor to Handy Governor Corporation, Detroit, Mich. Manifold accessory or supercharger. 1,644,870; Oct. 11.
 Bunyan, James, Flushing, N. Y. Clothes drier. 1,645,179; Oct. 11.
 Burch, Frederick R., assignor to L. A. Burch, Seattle, Wash. Windmill. 1,644,912; Oct. 11.
 Burch, Louis A. (See Burch, Frederick R., assignor.)
 Burd High Compression Ring Company. (See Dalin, Arvid G., assignor.)
 Burdette, Richard S., assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Solid vehicle tire. 1,645,089; Oct. 11.
 Burgess, Charles F., Minneapolis, Minn., assignor to General Electric Company. Bushing-terminal connector. 1,645,090; Oct. 11.
 Burgess, Lysie P., and E. E. Stevenson, assignors to D. & B. Pump and Supply Company, Los Angeles, Calif. Rotator. 1,644,913; Oct. 11.
 Burks, Edwin H., Trent, Tex. Cultivator knife. 1,645,039; Oct. 11.
 Burns, James A., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Adjustable nut. 1,645,276; Oct. 11.
 Burrow, James H., assignor to Burrow Manufacturing Company, Spokane, Wash. Repair shield for vehicle tires. 1,645,413; Oct. 11.
 Burrow Manufacturing Company. (See Burrow, James H., assignor.)
 Burt, F. N., Company. (See Darrin, Marc, assignor.)
 Busckist-Scharnweber, Heinrich, Brühlhof-Kirchen-on-the-Sieg, Germany. Autogenous welding and electrode-gilding machine. 1,644,896; Oct. 11.
 Busse, Edwin G., assignor to Chicago Railway Equipment Company, Chicago, Ill. Auxiliary support and guard for brake beams and assembling same. 1,644,871; Oct. 11.
 C. G. Spring & Bumper Company, The. (See Jandus, H. S., and Keeler, assignors.)
 Calle, Arthur J., Detroit, Mich. Dual ignition for out-board motors. 1,644,709; Oct. 11.
 Calcott, William S. (See Daudt, H. W., Parmelee, and Calcott.)
 Callison, William E., Tulsa, Okla. Amusement device. 1,645,370; Oct. 11.
 Calorac Electric Corporation, The. (See Sunderland, John F., assignor.)
 Carbic Limited. (See King, Otis C. F., assignor.)
 Carey, Robert F., Leigh-on-Sea, England. Hydraulic power-transmission apparatus. 1,645,371; Oct. 11.
 Carnes, Almus T., Kansas City, Mo. Automatic hose nozzle. 1,645,127; Oct. 11.

Carilla, Louis, et al. (See Pradas, Henry, assignor.)
 Carroll, Joseph, Brooklyn, N. Y. Cleaning machine. 1,645,317; Oct. 11.
 Carter, Carnie B., Pittsburgh, Pa., assignor to S. Karpun & Bros., Chicago, Ill. Production of phenol-methylene resins and alcohol from methylnals. 1,645,226; Oct. 11.
 Carter, Clarence W., assignor to Carter-Mayhew Manufacturing Company, Minneapolis, Minn. Dockage tester. 1,644,872; Oct. 11.
 Carter-Mayhew Manufacturing Company. (See Carter, Clarence W., assignor.)
 Carter, Ray L., Phoenix, N. Y. Hinge-recess gauge. 1,644,666; Oct. 11.
 Carter, Vetabelle P., San Francisco, Calif. Cleansing comb. 1,645,318; Oct. 11.
 Cash, Alfred G., Rochester, N. Y. Surface test indicator. 1,645,473; Oct. 11.
 Cease, Nicholas W., Schenectady, N. Y. Dishwashing machine. 1,645,227; Oct. 11.
 Ceasar Mills, Ch. Perman & Sons, Inc. (See Lader, Jack, assignor.)
 Chapman, Albert E., Wallington, and C. R. Cook, Boreham, England. Electric wire attachment. 1,645,474; Oct. 11.
 Chapman, Vern J., Schenectady, N. Y., assignor to General Electric Company. Electric furnace. 1,645,091; Oct. 11.
 Chicago Automatic Conveyor Co. (See Shaw, Arthur L., assignor.)
 Chicago Fuse Mfg. Co. (See Kellner, Louis, assignor.)
 Chicago Pump Company. (See Durdin, Augustus C., Jr., assignor.)
 Chicago Railway Equipment Company. (See Busse, Edwin G., assignor.)
 Chicago Railway Equipment Company. (See Hawkins, Arthur W., assignor.)
 Childers, Bery F., Edgemont, S. Dak. Tractor. 1,644,978; Oct. 11.
 Christiansen, Bertha K., Copenhagen, Denmark. Doll with movable limbs. 1,645,228; Oct. 11.
 Churmus, Nicolas J., Syracuse, N. Y. License-card holder. 1,645,229; Oct. 11.
 Old, Fouad J., Indianapolis, Ind. Electric water heater. 1,645,277; Oct. 11.
 Old, Fouad J., Indianapolis, Ind. Electric water heater. 1,645,278; Oct. 11.
 Circle F. Mfg. Co. (See Cross, C. S., and Smith, assignors.)
 Circle F. Mfg. Co. (See Freeman, Edgar H., assignor.)
 Clark, Harry H., Brooklyn, N. Y. Portable booth. Des. 73,598; Oct. 11.
 Clark, J. R., Company. (See Kalgren, John E., assignor.)
 Clarkson, William, Jr., Corsicana, Tex. Walking-beam mounting. 1,645,040; Oct. 11.
 Clarkson, William, Jr., Corsicana, Tex. Jack-post structure for oil-well rigs. 1,645,041; Oct. 11.
 Clausen, George, assignor to The Vulcan Last Company, Portsmouth, Ohio. Golf tee. 1,644,979; Oct. 11.
 Clausen, George, assignor to The Vulcan Last Company, Portsmouth, Ohio. Golf tee. 1,644,980; Oct. 11.
 Clauss, George E., assignor to The Ansonia O & C Company, Ansonia, Conn. Elastic webbing. 1,644,667; Oct. 11.
 Clauss, George E., assignor to The Ansonia O & C Company, Ansonia, Conn. Elastic webbing. 1,644,816; Oct. 11.
 Claypoole, Curtis M., and A. J. Eshenbaugh, Butler, Pa. Casing coupler. 1,645,042; Oct. 11.
 Cleveland Stone Company, The. (See Ballash, Joseph L., assignor.)
 Cleveland Tractor Company, The. (See Jones, George D., assignor.)
 Cleveland Trust Company, trustee. (See Hazelett, Clarence W., assignor.)
 Clyne, Robert G., St. Louis, Mo. Combined pen clip and pocket check protector. 1,644,668; Oct. 11.
 Cochran Corporation. (See Gibson, George H., assignor.)
 Coffey, Joseph M., Schenectady, assignor to Mica Insulator Company, New York, N. Y. Mica-plate composition. 1,645,415; Oct. 11.
 Cohen, David, Brooklyn, N. Y. Liquid measuring and dispensing apparatus. 1,645,475; Oct. 11.
 Coleman, John P., Edgewood Borough, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway braking apparatus. 1,644,771; Oct. 11.
 Collier, John W., Augusta, Ga. Foldable sunshade for automobiles. 1,645,416; Oct. 11.
 Collingham, Robert H., Rugby, England, assignor to General Electric Company. Vapor generator. 1,645,092; Oct. 11.
 Colvin, Charles H., et al. (See Titterington, Morris M., assignor.)
 Colvin, Charles M., Wilmette, Ill. Oil burner. 1,644,873; Oct. 11.
 Complex Ores Recoveries Company, The. (See Read, J. B., and Coolbaugh, assignors.)
 Comyn, Bernard D., assignor to White & Comyn, Limited, Hebburn-on-Tyne, England. Oil separator. 1,645,093; Oct. 11.
 Conant, Matthew A., and J. E. Goates, Provo, Utah. Gear-drive pump. 1,644,817; Oct. 11.
 Conover, Courtney, assignor to Monsanto Chemical Works, St. Louis, Mo. Producing benzoic acid from phthalic anhydride. 1,645,180; Oct. 11.

Conrad, Frank. (See Nyman, A., and Conrad.)
 Consoli, Frank, Brooklyn, N. Y. Cutting machine. 1,645,181; Oct. 11.
 Continental Can Company. (See O'Neil, James H., assignor.)
 Converse, Atherton D., assignor to Morton E. Converse & Son Co., Winchendon, Mass. Folding table. 1,644,818; Oct. 11.
 Converse, Morton E., & Son Co. (See Converse, Atherton D., assignor.)
 Cook, Charles R. (See Chapman, A. E., and Cook.)
 Cook, James T., Jr., West Springfield, J. W. Murphy, Springfield, T. J. Brunsicki, and H. C. Goldsmith, West Springfield, Mass. Metal-working apparatus. 1,645,372; Oct. 11.
 Coolbaugh, Melville F. (See Read, J. B., and Coolbaugh.)
 Copeman Laboratories Company. (See Copeman, Lloyd G., assignor.)
 Copeman, Lloyd G., Flint, Mich. Refrigerator construction. 1,644,981; Oct. 11.
 Copeman, Lloyd G., assignor to Copeman Laboratories Company, Flint, Mich. Refrigerator. 1,644,982; Oct. 11.
 Copeman, Lloyd G., assignor to Copeman Laboratories Company, Flint, Mich. Refrigerator. 1,644,983; Oct. 11.
 Copeman, Lloyd G., assignor to Copeman Laboratories Company, Flint, Mich. Refrigerator. 1,644,984; Oct. 11.
 Copeman, Lloyd G., assignor to Copeman Laboratories Company, Flint, Mich. Refrigerator manufacture. 1,644,985; Oct. 11.
 Copeman, Lloyd G., assignor to Copeman Laboratories Company, Flint, Mich. Refrigerator construction. 1,644,986; Oct. 11.
 Copeman, Lloyd G., assignor to Copeman Laboratories Company, Flint, Mich. Refrigerator. 1,644,987; Oct. 11.
 Copeman, Lloyd G., assignor to Copeman Laboratories Company, Flint, Mich. Cabinet construction and building the same. 1,644,988; Oct. 11.
 Corey, Harry R., Brooklyn, assignor to American Can Company, New York, N. Y. Talcum-powder box. 1,644,989; Oct. 11.
 Corlew, Clarence M., and G. A. Blohm, assignors of one-ninth to F. P. Hall, one-ninth to N. L. Nelson, and one-ninth to W. R. Laird, Sioux Falls, S. Dak. Crankcase oil heater. 1,645,230; Oct. 11.
 Cottrell, C. B., & Sons Company. (See Barber, Howard M., assignor.)
 Couch, David H., Warwick, R. I. Rotary drier. 1,645,373; Oct. 11.
 Coultas, Wilbur J., assignor to Deere & Company, Moline, Ill. Sheaf carrier. 1,644,874; Oct. 11.
 Contant, George E., Decatur, assignor to Union Metal Products Company, Chicago, Ill. Corrugated end wall for railway cars. 1,645,182; Oct. 11.
 Cox, Harold N., Glen Ridge, N. J., assignor to Cox Multi-Color Photo Company. Optical attachment. 1,645,374; Oct. 11.
 Cox, Harold N., Glen Ridge, N. J., assignor to Cox Multi-Color Photo Company. Color photography. 1,645,417; Oct. 11.
 Cox Multi-Color Photo Company. (See Cox, Harold N., assignor.)
 Craddock, William P., Denver, Colo. Scarf holder. 1,645,128; Oct. 11.
 Cramer, Raymond H., Newark, N. J., assignor to General Motors Corporation, Detroit, Mich. Feeding mechanism. 1,645,418; Oct. 11.
 Crews, Robert H. (See Dager, Albert, assignor.)
 Cromar Company, The. (See Crooks, Kenneth E., assignor.)
 Crompton & Knowles Loom Works. (See Gordon, Albert A., assignor.)
 Cronquist, Albert B., Portland, Oreg. Tool holder. 1,645,319; Oct. 11.
 Crooks, Kenneth E., assignor to The Cromar Company, Williamsport, Pa. Prefinished flooring. 1,644,710; Oct. 11.
 Cross, Charles S., Brooklyn, and C. A. Smith, Flushing, N. Y., assignor to Circle F. Mfg. Co., Trenton, N. J. Electric switch socket. 1,644,990; Oct. 11.
 Cross, Walter M., Kansas City, Mo., assignor to Gasoline Products Company, Inc., New York, N. Y. Converting oil. 1,644,991; Oct. 11.
 Culver, Orin S. (See Fletcher, J. B., and Culver.)
 Cunningham, Earl T., Lansing, Mich. Automobile shipping deck. 1,644,713; Oct. 11.
 Curtis, Alfred S. (See Nordenswan, R., and Curtis.)
 Cutler-Hammer Mfg. Co., The. (See Seeger, Edwin W., assignor.)
 D. & B. Pump and Supply Company. (See Burgess, L. P., and Stevenson, assignors.)
 Daemicke, Paul J., Company. (See Huenig, William T., assignor.)
 Dager, Albert, assignor of one-half to R. H. Crews, El Paso, Tex. Rotary roll-paper feeder for two-revolution cylinder presses. 1,645,094; Oct. 11.
 Daimler-Benz Aktiengesellschaft. (See Porsche, Ferdinand, assignor.)
 Dalin, Arvid G., assignor to Burd High Compression Ring Company, Rockford, Ill. Shock absorber. 1,645,183; Oct. 11.
 Dalrymple, William P., Chicago, Ill. Pressure gauge. 1,645,184; Oct. 11.

Darrin, Marc, Pittsburgh, Pa., assignor to F. N. Burt Company, Limited, Toronto, Canada. Composition of matter and forming same. 1,644,711; Oct. 11.

Daudt, Herbert W., Penns Grove, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of tetra-ethyl lead. 1,645,375; Oct. 11.

Daun, Carl L., and P. E. Keller, assignors, by mesne assignments, to Splitdorf Electric Company of Wisconsin, Milwaukee, Wis. Inclosed and ventilated electric motor. 1,645,496; Oct. 11.

Davenport, Herman A. (See Winkley, E. E., and Davenport.)

Davis, John E., Brooklyn, N. Y. Transforming inaudible oscillations into audible oscillations. 1,644,992; Oct. 11.

Davis, Robert L. (See Little, D. G., and Davis.)

Day, Harry S. Hawthorne, assignor to Pennsylvania Textile Mills, Inc., Clifton, N. J. Textile fabric. Des. 73,599; Oct. 11.

Day, Harry S., assignor to Pennsylvania Textile Mills, Inc., Clifton, N. J. Textile fabric. Des. 73,600; Oct. 11.

Dayton Scale Company. (See Hopkinson, Joseph, assignor.)

Dean, William E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Circuit-breaker device. 1,644,669; Oct. 11.

De Armond, William C., and W. R. H. Watt, Philadelphia, Pa. Water-carbonating apparatus. 1,645,320; Oct. 11.

Deere & Company. (See Conitas, Wilbur J., assignor.)

Deere & Company. (See Peterson, Julius, assignor.)

De Graaff, Antonius, Eindhoven, Netherlands, assignor to General Electric Company. Electric lamp. 1,644,712; Oct. 11.

Delmer, William H. L., Cincinnati, Ohio. Door catch. 1,645,234; Oct. 11.

De La Mare, Thomas, Toelee, assignor to P. F. McKendrick, Garfield, Utah. Contraction joint. 1,644,914; Oct. 11.

Delker, William L., assignor of one-sixth to M. D. Schlamp, one-sixth to C. L. Schlamp, and one-sixth to J. S. Marshall, Henderson, Ky. Track structure. 1,645,129; Oct. 11.

Dellinger, John M., Lancaster, Pa. Handle for umbrellas. 1,645,376; Oct. 11.

Dellinger, John M., Lancaster, Pa., assignor to Follmer-Clogg & Company, New York, N. Y. Umbrella handle. 1,645,497; Oct. 11.

Demming, William J., Lakewood, assignor to The American Multigraph Company, Cleveland, Ohio. Apparatus for removing printing strips from holders. 1,644,773; Oct. 11.

Deutsche Wollenwaren Manufaktur Aktiengesellschaft. (See Rossmann, Rudolf, assignor.)

Devers, Philip K. (See Berry, E. R., and Devers.)

Dezendorf, Richard L., Richmond Hill, N. Y. Meter and indicating means therefor. 1,645,321; Oct. 11.

Diamond Electric Specialties Corp. (See Ramsay, Karl H. W., assignor.)

Diamond Power Specialty Corporation. (See Snow, Norman L., assignor.)

Dictaphone Corporation. (See Bodine, Alfred V., assignor.)

Dietrich, Frederick, New York, N. Y., and W. H. Gerns, East Orange, assignors to Brandes Laboratories, Inc., Newark, N. J. Electromagnetic sound reproducer. 1,645,231; Oct. 11.

Diggett, Joseph H. (See Young, C. W., and Diggett.)

Dixon, James and T. Barnoldswick, England. Mop and the like. 1,645,043; Oct. 11.

Dixon, Thomas. (See Dixon, James and T.)

Dobbins, George R., Alhambra, assignor of one-fourth to H. H. Hammond and one-fourth to W. R. H. Miller, Los Angeles, Calif. Hold-up alarm. 1,645,185; Oct. 11.

Dodge Brothers, Inc. (See Goddard, George E., assignor.)

Dodge, Owen, assignor to The Automatic Electric Control Company, Colorado Springs, Colo. Over-temperature control for electric sadirons. 1,644,875; Oct. 11.

Doerr, Georg L., Mannheim, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Roller for calendaring machines. 1,644,819; Oct. 11.

Doherty Research Company. (See Griswold, Robert G., assignor.)

Domizi, David F., Cleveland, Ohio. Gear-testing machine. 1,644,876; Oct. 11.

Doollittle, Warren P., Hamden, Conn. Door stop and holder. 1,645,186; Oct. 11.

Dorey, William A., Newark, Ohio, assignor, by mesne assignments, to Holophane Company, Inc., New York, N. Y. Luminaire. 1,644,877; Oct. 11.

Dorey, William A., Newark, Ohio, assignor to Holophane Company, Inc., New York, N. Y. Luminaire. 1,644,915; Oct. 11.

Dorland, F. N. (See Robinson, George W., assignor.)

Driver, William, assignor to Hamilton Beach Mfg. Co., Racine, Wis. Motor controller. 1,644,820; Oct. 11.

Ducheneau, Alfred F., Winslow, Me. Shoe heel. 1,645,187; Oct. 11.

Du Pont, E. I., de Nemours & Company. (See Daudt, H. W., Parmelee, and Calcott, assignors.)

Du Pont, E. I., de Nemours & Company. (See Monroe, Kenneth P., assignor.)

Du Pont, E. I., de Nemours & Company. (See Sherts, James H., assignor.)

Durdin, Augustus C., Jr., assignor to Chicago Pump Company, Chicago, Ill. Centrifugal pump. 1,645,498; Oct. 11.

Duro Company, The. (See Eisenhauer, Charles P., assignor.)

Dustin, Blanche K. (See Sprague, Edward, Jr., assignor.)

Duttlinger, Emil, Detroit, and H. Speyer, Dearborn, Mich. Horn. 1,645,044; Oct. 11.

Eckart, Jacob, Furth, Bavaria, Germany. Container. 1,644,821; Oct. 11.

Edgar, David. (See Suttis, A. E., and Edgar.)

Edison, Thomas A., assignor to Thomas A. Edison Incorporated, West Orange, N. J. Cabinet. 1,644,670; Oct. 11.

Edison, Thomas A., Incorporated. (See Edison, Thomas A., assignor.)

Edwards, Henry J., Elyria, assignor to The Willys-Overland Company, Toledo, Ohio. Cooling system for gas engines. 1,645,188; Oct. 11.

Edwards, Wilson D., assignor to Turner Glass Company, Terre Haute, Ind. Jug. Des. 73,601; Oct. 11.

Ege, Robert L. (See Holman, C. B., and Ege.)

Eisenhauer, Charles P., assignor to The Duro Company, Dayton, Ohio. Water softening apparatus. 1,644,714; Oct. 11.

Ek, Arvid, assignor to Brown Company, Portland, Me. Paper towel. 1,645,189; Oct. 11.

Electrolux Serval Corporation. (See Munters, C. G., and von Platen, assignors.)

Elevator Supplies Company. (See Bassett, Cyrus W., assignor.)

Elevator Supplies Company. (See Shonnard, Harold W., assignor.)

Elliot, Frank, et al. (See Halbe, Ora F., assignor.)

Ellis, Carleton, Montclair, N. J. Oil hardening with nickel and copper formates. 1,645,377; Oct. 11.

Ellis, Samuel J., Memphis, Tenn. Cooker sweep. 1,644,878; Oct. 11.

Emmer, Hans. (See Neresheimer, H. and Emmer.)

Engel, Charles L. and W. S., Kansas City, Mo. Loose-leaf book. 1,644,772; Oct. 11.

Engel, Walter S. (See Engel, Charles L. and W. S.)

Engle, Andrew, Newton, Iowa. Portable inclinometer. 1,644,879; Oct. 11.

Enzenauer, Stephen C., assignor of one-third to J. F. Brady, Bancroft, Idaho. Trap. 1,645,095; Oct. 11.

Erdmann, Gustav, Radebeul, near Dresden, assignor to the Firm Gehe & Co. A.-G., Dresden, Germany. Manufacture of ergot-preparation. 1,645,096; Oct. 11.

Erickson, Otto H., Minneapolis, Minn. Artificial limb. 1,644,822; Oct. 11.

Eschholz, Otto H. (See Goldsborough, T. R., and Eschholz.)

Eshenbaugh, Alvin J. (See Claypoole, C. M., and Eshenbaugh.)

Essary, John W., Hamlin, Tex. Trailer hitch. 1,644,916; Oct. 11.

Evans, John R., Windsor, Ontario, Canada, assignor of one-fourth to B. W. Tanzy, Detroit, Mich. Steam generator. 1,644,715; Oct. 11.

Ewend, Walter H., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 1,645,322; Oct. 11.

Fafair Bearing Company, The. (See Vile, Merwin S., assignor.)

Fahys, Joseph, & Company. (See Vermot, Henry E., assignor.)

Fain, Walter C., Norfolk, Va. Integral closet structure. 1,644,716; Oct. 11.

Fairbanks, Morse & Co. (See Jahnke, Charles B., assignor.)

Fairchild, Glen G., Indianapolis, Ind. Automobile chassis-greasing apparatus. 1,645,097; Oct. 11.

Falk Corporation, The. (See Banner, Otto A., assignor.)

Fall, Edward A., Rutherford, N. J. Placard holder for tank cars. 1,644,774; Oct. 11.

Faries Manufacturing Company. (See Miller, George L., assignor.)

Farrand, Clair L., Forest Hills, N. Y., and E. Ross, East Orange, N. J., said Ross assignor to Farrand Mfg. Co., Inc., Long Island City, N. Y. Apparatus for making conical diaphragms. 1,645,508; Oct. 11.

Farrand Mfg. Co., Inc. (See Farrand, C. L., and Ross, assignors.)

Fay, Horace B., Shaker Heights, Ohio. Making metallic bellows. 1,644,823; Oct. 11.

Fedde, Nathaniel, Brooklyn, N. Y. Visible pulse and diastolic indicator. 1,644,824; Oct. 11.

Fell, Harold V. M., San Fernando, and W. F. Gaulke, Buenos Aires, Argentina. Electrical cut-out. 1,645,476; Oct. 11.

Fender, John B., Kaufman, Tex. Mineral machine. 1,645,378; Oct. 11.

Fenton, Paul E., Thomaston, assignor to Scovill Manufacturing Company, Waterbury, Conn. Single-pin socket. 1,645,499; Oct. 11.

Fenton, Paul E., Thomaston, and P. de F. Warner, Waterbury, Conn. Double-pin socket. 1,645,500; Oct. 11.

Ferguson, Frank C., assignor to David Lupton's Sons Company, Philadelphia, Pa. Window construction. 1,645,232; Oct. 11.

Ferretre, Louis, Paris, France. Automatic fuel regulator. 1,644,717; Oct. 11.

Fiberloid Corporation, The. (See Kenyon, Silas F., assignor.)

Fischer, Wilhelm. (See Liebert, H. R., and Fischer.)

Fitzgerald Manufacturing Company, The. (See Fitzgerald, Patrick J., assignor.)

Fitzgerald, Patrick J., assignor to The Fitzgerald Manufacturing Company, Torrington, Conn. Armature. 1,644,718; Oct. 11.

Fletcher, Joseph B., Prescott, and O. S. Culver, Blue Bell Siding, Ariz. Waterproof cap and fuse. 1,645,379; Oct. 11.

Fledner, Carlyle S., Newark, N. J., assignor, by mesne assignments, to The Prest-O-Lite Company, Inc., Indianapolis, Ind. Internal-combustion engine. 1,644,719; Oct. 11.

Flournoy, W. G., et al. (See Bellman, John A., assignor.)

Follmer-Clogg & Company. (See Dellinger, John M., assignor.)

Foot-Burt Company, The. (See Kelleher, Daniel, assignor.)

Forlyce, Rufus G., Chicago, Ill. Machine for deposition of coating. 1,644,993; Oct. 11.

Fowler, Ernest U., Santa Ana, Calif. Tree support. 1,644,994; Oct. 11.

Fox, Ernest C., Cleveland, Ohio. Thimble structure for partitions. 1,645,419; Oct. 11.

Frederburgh, Mark N., East Orange, N. J., assignor to Westinghouse Lamp Company. Inking device for obtaining uniform printing on lamp bulbs. 1,645,045; Oct. 11.

Freed, Allie S., New York, N. Y. Motor-vehicle body. Des. 73,602; Oct. 11.

Freed, Allie S., New York, N. Y. Combined motor-vehicle body and hood. Des. 73,603; Oct. 11.

Freeman, Edgar H., assignor, by mesne assignments, to Circle F. Mfg. Co., Trenton, N. J. Push-switch socket. 1,645,130; Oct. 11.

Friedrich, Walter, Niederschonenfeld, Germany, assignor to General Electric Company. Lead-cadmium alloy. 1,645,098; Oct. 11.

Frossard, John A., Pepperell, and G. Lamoureux, Worcester, Mass. Doctor-operating mechanism for calendaring machines. 1,644,917; Oct. 11.

Fuller, Truman S., Schenectady, N. Y., assignor to General Electric Company. Resistance alloy. 1,645,099; Oct. 11.

Fulton Syphon Company, The. (See Fulton, Weston M., assignor.)

Fulton, Weston M., assignor, by mesne assignments, to The Fulton Syphon Company, Knoxville, Tenn. Packless valve. 1,644,775; Oct. 11.

Fulton, Weston M., assignor, by mesne assignments, to The Fulton Syphon Company, Knoxville, Tenn. Packless valve. 1,644,825; Oct. 11.

Furman, Samuel E. (See Hoemer, C. C., and Furman.)

Galeski, Joseph S., Richmond, Va. Spectacles. 1,644,776; Oct. 11.

Gallagher, Peter F., Coffeyville, Kans. Washout plug for locomotive boilers. 1,645,046; Oct. 11.

Gams, Alphons, and M. Girard, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Manufacture of calcium salts of inositol-phosphoric acid. 1,645,233; Oct. 11.

Garcia, Emilio, New York, N. Y. Automobile brake mechanism. 1,644,671; Oct. 11.

Garden, Alexander T., Augusta, Kans. Oil regulator. 1,644,918; Oct. 11.

Garay, Albert A., Altadena, Calif. Safety device. 1,645,131; Oct. 11.

Gasoline Products Company. (See Cross, Walter M., assignor.)

Gaulke, Waldo F. (See Fell, H. V. M., and Gaulke.)

Gauriat, Pierre S., assignor to Pathe Cinema, Anciens Etablissements Pathe Freres, Paris, France. Motion-picture-projection apparatus. Rel. 7,669; Oct. 11.

Gehe & Co. A.-G. (See Erdmann, Gustav, assignor.)

Gehres, Hewitt A., Mount Vernon, Ohio. Engine-cylinder-scavenging mechanism. 1,644,777; Oct. 11.

Gelbel, John F., assignor to Master Metal Products, Inc., Buffalo, N. Y. Sanitary waste can. 1,645,100; Oct. 11.

General Electric Company. (See Berry, E. R., and Devers, assignors.)

General Electric Company. (See Burgeson, Charles F., assignor.)

General Electric Company. (See Chapman, Vern J., assignor.)

General Electric Company. (See Collingham, Robert H., assignor.)

General Electric Company. (See de Graaff, Antonius, assignor.)

General Electric Company. (See Friedrich, Walter, assignor.)

General Electric Company. (See Fuller, Truman S., assignor.)

General Electric Company. (See Huber, Herman J. H., assignor.)

General Electric Company. (See Johannesen, Svend E., assignor.)

General Electric Company. (See Junken, Lawrence H., assignor.)

General Electric Company. (See Lewinnek, Georg, assignor.)

General Electric Company. (See Pohl, Robert, assignor.)

General Electric Company. (See Potter, William B., assignor.)

General Electric Company. (See Seede, John A., assignor.)

General Electric Company. (See Steenstrup, Christian, assignor.)

General Electric Company. (See Stein, Theodor, assignor.)

General Electric Company. (See Thompson, Louis W., assignor.)

General Electric Company. (See Watson, Harold L., assignor.)

General Motors Corporation. (See Anderson, David E., assignor.)

General Motors Corporation. (See Blackmore, Lloyd, assignor.)

General Motors Corporation. (See Cramer, Raymond H., assignor.)

General Motors Corporation. (See Hunt, Ormond E., assignor.)

General Motors Corporation. (See Short, Charles R., assignor.)

General Motors Corporation. (See Taub, Alex, assignor.)

General Motors Research Corporation. (See Hallet, George E. A., assignor.)

General Motors Research Corporation. (See Ketterling, Charles F., assignor.)

General Motors Research Corporation. (See Ketterling, C. F., and Short, assignors.)

General Motors Research Corporation. (See Mougey, Harry C., assignor.)

General Motors Research Corporation. (See Short, Charles R., assignor.)

Georgievitch, Nicolas, Paris, France. Impact device. 1,645,477; Oct. 11.

Gerhard, Paul E., assignor to Lebanon Steel Foundry, Lebanon, Pa. Flange-way guard for highway crossings. 1,645,279; Oct. 11.

Gerns, William H. (See Dietrich, F., and Gerns.)

Gibb, John M., and G. M. Jobe, Providence, R. I. Tire-repair tool. 1,645,101; Oct. 11.

Gibson, George H., Montclair, N. J., assignor to Cochrane Corporation, Philadelphia, Pa. Deaerating water. 1,645,132; Oct. 11.

Gibson, James H., Brooklyn, N. Y. Hat holder. 1,645,478; Oct. 11.

Gibson, John H., Bruin, Pa. Blade sharpener. 1,644,778; Oct. 11.

Giesell, Henry, Company. (See Hansen, Harold N., assignor.)

Gilbert, A. C., Company, The. (See Gilbert, Alfred C., assignor.)

Gilbert, Alfred C., assignor to The A. C. Gilbert Company, New Haven, Conn. Toy construction element. Des. 73,604; Oct. 11.

Gilbert, Henry J., Saginaw, Mich. Folding table. 1,644,672; Oct. 11.

Glavin, Garth G., Riverside, Ill., assignor to Union Metal Products Company, Chicago, Ill. Corrugated structure for railway cars. 1,645,190; Oct. 11.

Ginger, Frank M., assignor of one-third to H. J. Olsen and one-third to W. G. Blankinship, El Dorado, Kans. Indicator for railroad cars. 1,645,133; Oct. 11.

Girard, Max. (See Gams, A., and Girard.)

Glaby, Jonathan P., Jr., Verona, N. J. Cooling system for crank cases of internal-combustion engines. 1,645,134; Oct. 11.

Glattes, William, New York, N. Y. Variable-stroke pump. 1,645,420; published Oct. 11.

Gleason Works. (See Jolls, Le Roy E., assignor.)

Glick, Benjamin, et al. (See Weiss, Max M., assignor.)

Glieberman, Abraham. (See Kirsch, J., and Glieberman.)

Glockler, John E., Pittsburgh, Pa. Supporting means for horizontally-disposed surfaces. 1,645,421; Oct. 11.

Goates, John E. (See Conant, M. A., and Goates.)

Goddard, George E., Detroit, Mich., assignor, by mesne assignments, to Dodge Brothers, Inc. Separable auto body construction. 1,644,826; Oct. 11.

Goetz, C. P., Optische Anstalt Aktiengesellschaft, Aklcova Spolecnost K. P. Goetz opticky ustav. (See Petschenig, Karl, assignor.)

Goldsberg, Solomon H., and W. H. Hermendorf, Chicago, Ill.; said Hermendorf assignor to said Goldsberg. Machine for making cartons. 1,645,135; Oct. 11.

Golden, Elliott, Mobile, Ala. Plaster cleaner. 1,645,479; Oct. 11.

Goldenberg, Benjamin, assignor to E. I. Horsman Co. Inc., New York, N. Y. Doll. 1,644,827; Oct. 11.

Goldsborough, Thaddeus E., Wilkinsburg, and O. H. Eschholz, Pittsburgh, Pa., assignor to Westinghouse Electric and Manufacturing Company. Photo-electric cell. 1,645,280; Oct. 11.

Goldsmith, Bertram J., and E. Koeb, New York, assignors to Perfect Window Regulator Corporation, Long Island City, N. Y. Window regulator. 1,645,136; Oct. 11.

Goldsmith, Harlan C. (See Cook, J. T., Jr., Murphy, Brunsick, and Goldsmith.)

Goldstein, Aaron A., Buffalo, N. Y. Buckle. 1,644,720; Oct. 11.

Goodstein, William L., Yonkers, N. Y. Buffing device. 1,645,047; Oct. 11.
 Goodyear Tire & Rubber Company. (See Bedford, Clayton W., assignor.)
 Goodyear Tire & Rubber Company, The. (See Burdette, Richard S., assignor.)
 Goodyear Tire & Rubber Company, The. (See Kraft, Herman T., assignor.)
 Goodyear Tire & Rubber Company, The. (See O'Brien, William G., assignor.)
 Goodyear Tire & Rubber Company, The. (See Williams, Dayton L., assignor.)
 Goodyear Tire & Rubber Company, The. (See Young, C. W., and Diggett, assignors.)
 Goodyear-Zepellin Corporation. (See Liebert, H. R., and Fischer, assignors.)
 Gordon, Albert A., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Warp beam for looms. 1,644,721; Oct. 11.
 Gould Car Lighting Corporation. (See Blake, Ell J., assignor.)
 Grace, John F., Kearney, N. J., assignor to Worthington Pump and Machinery Corporation, New York, N. Y. Tube cleaner. 1,644,995; Oct. 11.
 Granberg, Albert J. (See Brodie, R. N., and Granberg.)
 Grasselli Dyestuff Corporation. (See Nawaisky, P., Braunsdorf, and Holzapfel, assignors.)
 Grasselli Dyestuff Corporation. (See Rabe, P., and Schepss, assignors.)
 Gransen, Edmund W., New York, N. Y. Artist's composing frame and color chart. 1,645,102; Oct. 11.
 Gregory, Bige, and C. C. Mitchell, Vernon, assignors of three-sixteenths to J. Love, three-sixteenths to E. L. Isham, and one-fourth to C. Thresher, Wilbarger County, Tex. Automatic trip valve for storage tanks. 1,645,450; Oct. 11.
 Grell, Fred G., San Antonio, Tex. Condensing apparatus. 1,645,481; Oct. 11.
 Griffith, Richard H., Richmond, Ind., assignor to The Ohio Cultivator Company, Bellevue, Ohio. Cultivator. 1,645,422; Oct. 11.
 Griswold, Robert G., Westfield, N. J., assignor to Doherty Research Company, New York, N. Y. Gas distribution. 1,645,137; Oct. 11.
 Griswold, Walter R., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 1,645,323; Oct. 11.
 Groenestein, Philip, Cleveland, Ohio. Combined glare shield and a supporting bracket therefor. Des. 73,605; Oct. 11.
 Gross, Frederick J., Auburn, Me. Heeled shoe. 1,645,191; Oct. 11.
 Grossinger, Anton, Milwaukee, Wis. Building construction. 1,644,996; Oct. 11.
 Gruen, Frederick G., assignor to The Gruen Watch Company, Cincinnati, Ohio. Watchcase. Des. 73,606; Oct. 11.
 Gruen Watch Company, The. (See Gruen, Frederick G., assignor.)
 Gruner, Lena, Indianapolis, Ind. Hose protector. 1,644,673; Oct. 11.
 Grupka, Walter, Detroit, Mich. Toy pistol. 1,644,997; Oct. 11.
 Gruse, William A. (See Marley, S. P., and Gruse.)
 Guiberson Corporation, The. (See Wilson, Robert A., assignor.)
 Gulbert, F. Walter, Detroit, Mich. Annealing or heat treating steel or other metals. 1,644,828; Oct. 11.
 Gulf Refining Company. (See Marley, S. P., and Gruse, assignors.)
 Gulick, Russell A., and H. H. Reed, Winthrop, Mass. Refrigerator. 1,645,103; Oct. 11.
 Gunn, Robert W., and W. A. S. Thompson, Los Angeles, Calif. Standing-valve connection. 1,644,998; Oct. 11.
 Guyer, Mary A., Hutsonville, Ill. Cake pan. 1,645,235; Oct. 11.
 Hagmann, Ulrich, St. George, N. Y., assignor to The Quaker Oats Company, Chicago, Ill. Cup or similar article. Des. 73,607; Oct. 11.
 Hague, Floyd T., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Control of commutating-pole strength on nonbooster rotary converters. 1,645,281; Oct. 11.
 Hähle, Herbert. (See Schladebach, H., and Hähle.)
 Haibe, D. H., et al. (See Haibe, Ora F., assignor.)
 Haibe, Ora F., assignor of one-half to D. H. Haibe and one-half to F. Elliott, Kansas City, Mo. High-power cylinder head. 1,645,423; Oct. 11.
 Haley, Grover C., Cynthiana, Ky. Harrow tooth. 1,645,482; Oct. 11.
 Haley, Grover C., Cynthiana, Ky. Weeder and cultivator. 1,645,483; Oct. 11.
 Hall-Brown, Archibald, Surrey, England. Supercharging of internal-combustion engines. 1,645,178; Oct. 11.
 Hall, Fred P., et al. (See Corlew, C. M., and Blohm, assignors.)
 Hall, John G. S., Chicago, Ill. Weather strip. Re16,770; Oct. 11.
 Hallenberg, Harry D., and A. F. Hynninen, Tammisuo, Finland. Elastic trailer for motor cars. 1,645,484; Oct. 11.
 Hallert, George E. A., assignor to General Motors Research Corporation, Dayton, Ohio. Air-cooled engine. 1,644,722; Oct. 11.
 Halliwell, John J., Tuckahoe, assignor to R. Hoe & Co., Inc., New York, N. Y. Inking mechanism. 1,644,723; Oct. 11.
 Hamachek, Frank, assignor to Frank Hamachek Machine Company, Keweenaw, Wis. Separating apron for green-pea-vine hullers. 1,645,324; Oct. 11.
 Hamachek, Frank, Machine Company. (See Hamachek, Frank, assignor.)
 Hamilton Beach Mfg. Co. (See Driver, William, assignor.)
 Hamilton, William E., and E. J. Bagnall, deceased, Columbus, Ohio; A. M. Bagnall executrix of said E. J. Bagnall. Tunnel drier. 1,644,779; Oct. 11.
 Hammerl, Jacob, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 1,645,325; Oct. 11.
 Hammond, H. H., et al. (See Dobbins, George R., assignor.)
 Hammond, John H., jr., Gloucester, Mass. Tone control operable successively in a predetermined manner. 1,645,048; Oct. 11.
 Hampden Auto Top & Metal Company. (See Laven, Louis, assignor.)
 Hands, Howard A., assignor to Hood Rubber Company, Watertown, Mass. Method relating to the manufacture of rubber water bottles. 1,644,829; Oct. 11.
 Handy Governor Corporation. (See Bull, Arthur A., assignor.)
 Haney, Earl, Macomb, Ill. Incubator-heating system. 1,645,380; Oct. 11.
 Hanna, Clinton R. (See Sleplan, J., and Hanna.)
 Hanna, Clinton R., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Loud-speaking telephone. 1,645,282; Oct. 11.
 Hansen, Augle L., Evanston, Ill. Acetylene lamp. 1,644,780; Oct. 11.
 Hansen, Harold N., Highwood, assignor of an undivided interest to Henry Glessel Company, Chicago, Ill. Ventilator. 1,645,283; Oct. 11.
 Hardacker, William E., assignor to American Plumbing and Heating Co., Minneapolis, Minn. Truck. 1,645,485; Oct. 11.
 Hardcastle, John H., Goodlettsville, Tenn. Current motor. 1,645,486; Oct. 11.
 Hardiman, James S., assignor to Anchor Cap and Closure Corporation, Long Island City, N. Y. Article-arranging device. 1,644,999; Oct. 11.
 Harford, Albert K., Oakland, assignor to New Metal Products Company, Emeryville, Calif. Arc-welding system. 1,645,049; Oct. 11.
 Harkness, Etta J., Seattle, Wash. Combination comb holder. 1,645,138; Oct. 11.
 Harling, Walter, Cleveland, Ohio. Combination light. 1,645,487; Oct. 11.
 Harris, Victor. (See Thomas, Elmer R., assignor.)
 Harrison, Henry C., Port Washington, assignor to Western Electric Company, Incorporated, New York, N. Y. Mechanical vibratory system. 1,645,139; Oct. 11.
 Hartford-Empire Company. (See Barker, William T., jr., assignor.)
 Hartford-Empire Company. (See Howard, George E., assignor.)
 Hartford-Empire Company. (See Pelier, Karl E., assignor.)
 Hassensall, Louis W., Toledo, Ohio. Beverage-dispensing apparatus. 1,645,000; Oct. 11.
 Hastings, William A., assignor to Aluminum Products Company, La Grange, Ill. Handle. 1,645,381; Oct. 11.
 Hawkins, Arthur W., Muskegon, Mich., assignor to Chicago Railway Equipment Company, Chicago, Ill. Brake-beam-supporting means. 1,644,880; Oct. 11.
 Hawksworth, David W., assignor, by mesne assignments, to Hutchins Car Roofing Company, Detroit, Mich. Carline. 1,644,674; Oct. 11.
 Hayes-Ionia Company. (See Anderson, Roy F., assignor.)
 Hayes, Oscar, Akron, Ohio. Instrument for treating urethritis. 1,644,919; Oct. 11.
 Hazelett, Clarence W., Lakewood, assignor, by mesne assignments, to Cleveland Trust Company, trustee, Cleveland, Ohio. Making storage batteries. 1,645,424; Oct. 11.
 Hedlund, Walter, Portland, Oreg. Vending machine. 1,645,236; Oct. 11.
 Helule, Henry C., jr., Huntington Park, Calif. War air liberator. 1,644,920; Oct. 11.
 Henderson, Albert E., Toronto, Ontario, Canada. Container for first-aid kits. 1,644,830; Oct. 11.
 Henderson, Albert E., Toronto, Ontario, Canada. Airship. 1,645,237; Oct. 11.
 Henderson, James B., Lee, England. Gyroscopic instrument and apparatus. 1,644,921; Oct. 11.
 Henderson, Robert H., East Orange, N. J. Overhead-boring machine. 1,644,831; Oct. 11.
 Henderson, Robert H., East Orange, N. J. Extensible chuck for boring tools. 1,644,832; Oct. 11.
 Henderson, William E., Pittsburgh, Pa., assignor, by mesne assignments, to Visking Corporation, Chicago, Ill. Sausage casing, etc. 1,645,050; Oct. 11.
 Henry, Thomas J., Scranton, Pa. Railroad tie. 1,645,104; Oct. 11.
 Hensel, Henry, Milwaukee, Wis. Sausage casing and making the same. 1,645,425; Oct. 11.
 Herbruck, Ralph A., Dayton, Ohio. Apparatus for use with hot-air heating systems. 1,645,140; Oct. 11.

Hermisdorf, Walter H. (See Goldberg, S. H., and Hermisdorf.)
 Hershey Manufacturing Company. (See Hershey, Orville S., assignor.)
 Hershey, Orville S., assignor to Hershey Manufacturing Company, Chicago, Ill. Automobile lock. 1,644,922; Oct. 11.
 Hershey, Orville S., assignor to Hershey Manufacturing Company, Chicago, Ill. Automobile lock. 1,645,382; Oct. 11.
 Hicken, Elmer E., Collingswood, N. J. Locomotive tender tank. 1,645,426; Oct. 11.
 Hickman, William A., West Mystic, Conn. Boat. 1,644,725; Oct. 11.
 Hickok Manufacturing Company. (See Mix, Edwin S., assignor.)
 Higgins Manufacturing Company, The. (See Pendery, Edward W., assignor.)
 Hill, Guy. (See Steinberger, L., and Hill.)
 Hinton, Norman P., Bolders Green, England, assignor to Metropolitan-Vickers Electrical Company, Limited. Telephonic receiving apparatus. 1,645,284; Oct. 11.
 Hirschfeld, Harry A., and A. G. Stern, Philadelphia, Pa. Electric toaster. 1,645,327; Oct. 11.
 Hitchcock, Guy F., Houston, Tex. Lantern. 1,644,923; Oct. 11.
 Hitt, Thomas G., Seattle, Wash. Rotary-balanced rocket. 1,645,427; Oct. 11.
 Hoare, Cyril G., Hounslow, England. Joint for elbows and knees of artificial limbs. 1,644,833; Oct. 11.
 Hobson, John S., Chicago, Ill., assignor to The Union Switch & Signal Company, Swissvale, Pa. Light signal. 1,644,834; Oct. 11.
 Hodge, Perry Y., Niagara Falls, N. Y. Sound-reproducing device. 1,645,051; Oct. 11.
 Hodges, Edward N., New York, N. Y. Golf tee. 1,645,001; Oct. 11.
 Hoe, R. & Co. (See Ball, Harry V., assignor.)
 Hoe, R. & Co. (See Halliwell, John J., assignor.)
 Hokanson, Martin, assignor to Marshall-Mills Company, Duluth, Minn. Shovel. 1,644,881; Oct. 11.
 Holman, Clinton B., and E. L. Ege, Detroit, Mich. Projecting apparatus. 1,644,781; Oct. 11.
 Holmes, Frank C., Houston, Tex. Fire starter. 1,644,882; Oct. 11.
 Holmes, Morris P., Claremont, N. H., assignor to Sullivan Machinery Company. Mining machine. 1,645,002; Oct. 11.
 Holmes, Morris P., Claremont, N. H., assignor to Sullivan Machinery Company. Mining apparatus. 1,645,003; Oct. 11.
 Holmes, Morris P., Claremont, N. H., assignor to Sullivan Machinery Company. Controlling mechanism. 1,645,004; Oct. 11.
 Holophone Company. (See Dorey, William A., assignor.)
 Holzapfel, Eduard. (See Nawaisky, P., Braunsdorf, and Holzapfel.)
 Holzverkohlungsindustrie Aktiengesellschaft. (See Von Hochstetter, Heinrich, assignor.)
 Hood Rubber Company. (See Hands, Howard A., assignor.)
 Hood Rubber Company. (See Perrault, Joseph E., assignor.)
 Hooper, Harold L. (See Hunter, F. E., and Hooper.)
 Hope Machine Company. (See Kinsley, L., and Moss, assignors.)
 Hopedale Manufacturing Company. (See Northrop, Jonas, assignor.)
 Hopkinson, Joseph, assignor to Dayton Scale Company, Dayton, Ohio. Weighing scale. 1,645,326; Oct. 11.
 Hopkinson, Joseph, assignor to Dayton Scale Company, Dayton, Ohio. Weighing scale. 1,645,328; Oct. 11.
 Horii, Shinjiro, Tokyo, Japan. Stencil sheet. 1,645,141; Oct. 11.
 Horsman, E. I., Co. Inc. (See Goldenberg, Benjamin, assignor.)
 Horton, James A., Worcester, Mass. Wire-drawing machine. 1,645,052; Oct. 11.
 Hosmer, Chester C., Huntington Beach, and S. E. Furman, Long Beach, Calif. Oil-well plunger attachment and sucker-rod connection. 1,645,428; Oct. 11.
 Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Can-drying attachment. 1,645,005; Oct. 11.
 Howard, George E., Butler, Pa., assignor to Hartford-Empire Company, Hartford, Conn. Method of and apparatus for forming sheet glass. 1,645,053; Oct. 11.
 Howard, George E., Butler, Pa., assignor to Hartford-Empire Company, Hartford, Conn. Method of and apparatus for forming sheet glass. 1,645,054; Oct. 11.
 Howard, Rauland H., Omaha, Nebr. Medical truss. 1,644,835; Oct. 11.
 Hoyt, John C. (See Au, Carl H., assignor.)
 Huber, Frederick W., Riverside, Calif. Making table salt. 1,645,238; Oct. 11.
 Huber, Herman J. H., Schenectady, N. Y., assignor to General Electric Company. Electric switch. 1,645,055; Oct. 11.
 Huenling, William T., assignor to Paul J. Daemicke Company, Chicago, Ill. Display case. 1,644,675; Oct. 11.
 Huey, Harold I., assignor to Sayles Finishing Plants Inc., Saylesville, R. I. Method of and apparatus for feeding fabrics. 1,645,501; Oct. 11.
 Hume, Walter R., Melbourne, Victoria, Australia. Apparatus for the manufacture of pipes and the like from metal sheets or plates. 1,645,239; Oct. 11.
 Humphrey, Clifford W., et al. (See Humphrey, C. W., and McKittrick, assignors.)
 Humphrey, Clifford W., Redbank, N. J., and D. S. McKittrick, Oakland, assignors to C. W. Humphrey, San Francisco and H. I. Lea, Santa Monica, Calif. Solidifying aluminum chloride. 1,645,142; Oct. 11.
 Humphrey, Clifford W., Redbank, N. J., and D. S. McKittrick, Oakland, assignors to said Humphrey and H. I. Lea, Santa Monica, Calif. Purifying aluminum chloride. 1,645,143; Oct. 11.
 Humphrey, Clifford W., Redbank, N. J., and D. S. McKittrick, Oakland, assignors to C. W. Humphrey, San H. I. Lea, Santa Monica, Calif. Apparatus for purifying and solidifying aluminum chloride. 1,645,144; Oct. 11.
 Humphris, Frank, Parkstone, England. Safety clutch used in presses, machinery, shafting, and the like. 1,645,383; Oct. 11.
 Hunt, Ormond E., assignor to General Motors Corporation, Detroit, Mich. Brake mechanism for motor vehicles. 1,644,726; Oct. 11.
 Hunt, Warren T., assignor to The Willys-Overland Company, Toledo, Ohio. Transmission-lock mechanism. 1,645,192; Oct. 11.
 Hunter, Frank E., and H. L. Hooper, Grandview, Wash. Chair support. 1,644,924; Oct. 11.
 Hurlburt Research Corporation. (See Zeldler, William A., assignor.)
 Hurley, Joseph M., assignor to D. O. McClain, Minneapolis, Minn. Filling device. 1,644,676; Oct. 11.
 Hutchins Car Roofing Company. (See Hawksworth, David W., assignor.)
 Hutchins Car Roofing Company. (See Thompson, William D., assignor.)
 Huyek, F. C., & Sons. (See Wilson, Ezekiel J., assignor.)
 Hynninen, Armas F. (See Hallenberg, H. D., and Hynninen.)
 I. G. Farbenindustrie Aktiengesellschaft. (See Doerr, Georg L., assignor.)
 I. G. Farbenindustrie Aktiengesellschaft. (See Miller, Alfred, assignor.)
 I. G. Farbenindustrie Aktiengesellschaft. (See Neresheimer, Heinrich, assignor.)
 I. G. Farbenindustrie Aktiengesellschaft. (See Neresheimer, H., and Emmer, assignors.)
 I. G. Farbenindustrie Aktiengesellschaft. (See Schladebach, H., and Hähle, assignors.)
 Ile, William, assignor to Reynolds Spring Company, Jackson, Mich. Three-way cap tin-type socket. 1,645,240; Oct. 11.
 Ile, William, assignor to Reynolds Spring Company, Jackson, Mich. Table tap. 1,645,241; Oct. 11.
 Improved Office Partition Co. (See Winogradoff, Alexander, assignor.)
 Inland Manufacturing Company, The. (See Nellis, C. P., and Scott, assignors.)
 International Motor Company. (See Lelpert, August H., assignor.)
 International Precipitation Company. (See Welch, Harry V., assignor.)
 International Silver Company. (See McKeon, Patrick D., assignor.)
 Isham, E. L., et al. (See Gregory, B., and Mitchell, assignors.)
 Istell, Henry, Central San German, Oriente, Cuba. Process and apparatus for treating bagasse. 1,645,242; Oct. 11.
 Jackson, Thomas A., Pittsburg, Calif. Pedal-propelled scooter. 1,644,836; Oct. 11.
 Jacobl, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Tumbler lock. 1,645,006; Oct. 11.
 Jacobsen, Emil, Plandome, N. Y., assignor to American Telephone and Telegraph Company. By-pass selector circuit. 1,644,727; Oct. 11.
 Jacobson, Harry. (See Stone, Harry, assignor.)
 Jahnke, Charles B., Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Oil filter. 1,644,728; Oct. 11.
 Jandus, Herbert S., and E. R. Keelor, assignors to The C. G. Spring & Bumper Company, Detroit, Mich. Vehicle bumper. Des. 73,608; Oct. 11.
 Jarvis, William B., Grand Rapids, Mich. Radiator cap. 1,645,384; Oct. 11.
 Jenkins, Charles F., assignor to Jenkins Laboratories, Washington, D. C. Flexing mirror. Re16,767; Oct. 11.
 Jenkins Laboratories. (See Jenkins, Charles F., assignor.)
 Jensen, Jens J., assignor to Boggild & Jacobsen, Copenhagen, Denmark. Machine for casting chocolate. 1,645,505; Oct. 11.
 Jerrae, William, San Francisco, Calif. Pneumatic bumper. 1,645,056; Oct. 11.
 Jobe, George M. (See Gibb, J. M., and Jobe.)
 Johannesen, Svend E., Pittsfield, Mass., assignor to General Electric Company. Stationary induction apparatus. 1,644,729; Oct. 11.
 Johansen, Harry C., Michigan City, Ind., assignor to Sullivan Machinery Company. Mining machine. 1,645,007; Oct. 11.
 Johnson, Carl M., Chicago, Ill. Burial vault. Des. 73,609; Oct. 11.

Johnson, Charles E., assignor to The Plston Ring Company, Muskegon, Mich. Flexible closing fixture for piston rings. 1,644,883; Oct. 11.
 Johnson, Edward P., Superior, Wis. Fish lure. 1,644,884; Oct. 11.
 Johnson, Mervin C., Loyalton, Calif. Lumber-piling jack. 1,645,488; Oct. 11.
 Johnson, William W., Almore, Minn. Yielding windshield for funnels. 1,644,837; Oct. 11.
 Jolls, Le Roy E., Detroit, Mich., assignor, by mesne assignments, to Gleason Works, Rochester, N. Y. Gear-grinding machine. 1,645,489; Oct. 11.
 Jones, A. H., Company, The. (See Jones, Augustus H., assignor.)
 Jones, Augustus H., assignor to The A. H. Jones Company, Meriden, Conn. Combination candlestick. 1,645,193; Oct. 11.
 Jones, Edward O., Brooklyn, assignor to Josiah Wedgwood & Sons, Inc., of America, New York, N. Y. Plate or similar article. Des. 73,610; Oct. 11.
 Jones, Frank S., Philadelphia, Pa. Gearing for metal-working machines. 1,645,194; Oct. 11.
 Jones, George D., East Cleveland, Ohio, assignor to The Cleveland Tractor Company, Euclid, Ohio. Tractor-propelled implement. 1,644,885; Oct. 11.
 Jorgensen, Olav E., Forest Hills, assignor to Worthington Pump and Machinery Corporation, New York, N. Y. Steam-jacketed oil pump and pipe connection for internal-combustion engines. 1,644,838; Oct. 11.
 Judson, Ernest G., Centuria, Wash. Water meter. 1,645,243; Oct. 11.
 Junken, Lawrence H., Schenectady, N. Y., assignor to General Electric Company. Thermionic current transformer. 1,645,037; Oct. 11.
 Kahn, Milton, New York, N. Y. Educational device. 1,645,008; Oct. 11.
 Kalgren, John E., assignor to J. R. Clark Company, Minneapolis, Minn. Stepladder-assembling machine. 1,645,414; Oct. 11.
 Kanders, Helen, New York, N. Y. Sound amplifier. 1,645,329; Oct. 11.
 Kaplan, Morris L., Hazleton, Pa. Perforating wheel. 1,645,385; Oct. 11.
 Karpis, S. & Bros. (See Carter, Carnie B., assignor.)
 Karr, Andrew S., Avalon, Pa. Rail splice. 1,645,386; Oct. 11.
 Katz, Aaron S., New York, N. Y. Console table. Des. 73,611; Oct. 11.
 Katz, Aaron S., New York, N. Y. Console table. Des. 73,612; Oct. 11.
 Katz, Aaron S., New York, N. Y. Table. Des. 73,613; Oct. 11.
 Kee, Charles L., Portsmouth, Va. Advertising device. 1,645,195; Oct. 11.
 Keeler, Everett R. (See Jandus, H. S. and Keeler.)
 Keener, Charles M., assignor to W. H. Zachry, Atlanta, Ga. Detachable fastening for handles. 1,645,490; Oct. 11.
 Kelleher, Daniel Berea, assignor to The Foote-Burt Company, Cleveland, Ohio. Conduit-treading machine. 1,645,285; Oct. 11.
 Keller, Paul E. (See Daun, C. L. and Keller.)
 Keller, William H., Inc. (See Shaft, Ernest H., assignor.)
 Kelley, Herbert W., Winchester, and W. D. Wolfe, Newton, Mass., assignors, by mesne assignments, to United Shoe Machinery Corporation, Paterson, N. J. Treating rubber latex and product obtained thereby. 1,644,730; Oct. 11.
 Kellner, Louis, assignor to Chicago Fuse Mfg. Co., Chicago, Ill. Switch. 1,645,145; Oct. 11.
 Kennedy, Thomas D., Owen Sound, Ontario, Canada. Stake pocket for vehicles. 1,645,196; Oct. 11.
 Kenyon, Silas F., Indian Orchard, assignor to The Fibroid Corporation, Indian Orchard, Mass. Hinge structure. 1,645,429; Oct. 11.
 Kettering, Charles F., assignor to General Motors Research Corporation, Dayton, Ohio. Internal-combustion engine. 1,644,732; Oct. 11.
 Kettering, Charles F., and C. R. Short, assignors to General Motors Research Corporation, Dayton, Ohio. Internal-combustion engine. 1,644,731; Oct. 11.
 Kidder, William V. (See Zeratsky, A. W. and Kidder.)
 King, Nathaniel, and R. A. Ashton, assignors to Seneca Falls Machine Company, Fitchburg, Mass. Back squaring attachment for lathes. 1,644,733; Oct. 11.
 King, Otis C. F., assignor to Carbic Limited, London, England. Calculating apparatus. 1,645,009; Oct. 11.
 King, Robert P., Greensboro, N. C. Portable wall cabinet. 1,645,058; Oct. 11.
 King, William P., Syracuse, N. Y. Locking mechanism. 1,645,059; Oct. 11.
 Kinley, Myron M., Tulsa, Okla. Device for recovering casing from wells. 1,645,010; Oct. 11.
 Kinney, Aldon M., Norwood, Ohio, assignor to The Bryant Electric Company, Bridgeport, Conn. Electric switch. 1,645,387; Oct. 11.
 Kinney, Briggs R., Miami, Ariz. Replaceable liner for reverberatory furnaces. 1,645,011; Oct. 11.
 Kinsley, Lewis, Philadelphia, Pa., and J. W. S. Moss, New York, N. Y., assignors to Hope Machine Company, Philadelphia, Pa. Piston ring. 1,645,146; Oct. 11.
 Kirsch, Jack, and A. Gliberman, Brooklyn, N. Y. Hand bag. Des. 73,614; Oct. 11.

Kitchel, Robert R., Ridley Park, and J. E. Mullan, assignors to Bayuk Cigars Incorporated, Philadelphia, Pa. Clear-bunch machine. 1,645,012; Oct. 11.
 Kleinhans, H., Company. (See Mann, Seward W., assignor.)
 Klemme, Maurice G., Belleville, Stove. 1,645,244; Oct. 11.
 Kline, Fred J., New York, N. Y. Paper fastener. 1,645,430; Oct. 11.
 Knittel, Andrew W., deceased, New Castle, Pa.; M. Knittel, administratrix. Curtain stretcher. 1,645,245; Oct. 11.
 Knittel, Mary, administratrix. (See Knittel, Andrew W.)
 Koeb, Emil. (See Goldsmith, B. J. and Koeb.)
 Koelliker, George P. (See Bensing, Le Rue P., assignor.)
 Kofoed, Hans C. (See Moyer, J. M., and Kofoed.)
 Kohn, Sigmond F., New York, N. Y. Folding refrigerator. 1,644,677; Oct. 11.
 Kondolf, Henry E., New York, assignor to The Lox Seal Corporation, Brooklyn, N. Y. Method and apparatus for making tags. 1,645,013; Oct. 11.
 Koontz, Lionel E., East Palestine, Ohio. Adjustable support for range boilers. 1,645,197; Oct. 11.
 Kraft, Herman T., assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Truss construction. 1,645,060; Oct. 11.
 Krell, George, Sapulpa, Okla. Casing elevator. Re16,771; Oct. 11.
 Kress, Otto, Appleton, Wis., assignor to American Lakes Paper Company, Chicago, Ill. Bleaching paper pulp. 1,645,061; Oct. 11.
 Kroeger, Martin, et al. (See Pradas, Henry, assignor.)
 Kroll, Walter, Detroit, Mich. Resilient vehicle wheel. 1,644,925; Oct. 11.
 Kucher, Andrew A., Chester, Pa. Working fluid for refrigeration. 1,645,198; Oct. 11.
 Kuck, Henry G., assignor to Stuber & Kuck Co., Peoria, Ill. Display cover for containers. 1,644,734; Oct. 11.
 Kuhlke Machine Company, The. (See Kuhlke, Otto J., assignor.)
 Kuhlke, Otto J., assignor to The Kuhlke Machine Company, Akron, Ohio. Apparatus for vulcanizing inner tubes. 1,644,678; Oct. 11.
 Kuhn, John J., Elizabeth, N. J., and W. L. Betts, Brooklyn, assignors to Western Electric Company, Incorporated, New York, N. Y. Switching device. 1,645,147; Oct. 11.
 Kurtzon, George B., Chicago, Ill. Electric-light fixture. 1,644,926; Oct. 11.
 Lader, Jack, assignor to Concor Mills, Ch. Perman & Sons, Inc., New York, N. Y. Textile fabric or similar article of manufacture. Des. 73,615; Oct. 11.
 Laird, Willis R., et al. (See Corlew, C. M., and Blohm, assignors.)
 Lambert, Clara B., Pasadena, Calif. Mixer. 1,645,062; Oct. 11.
 Lamoureux, George. (See Frossard, J. A., and Lamoureux.)
 Lamson Company, The. (See Bengel, Edward C., assignor.)
 Lander, James G., Milwaukee, Wis. Box. 1,644,782; Oct. 11.
 Landraud, Marc, Renage, France. Apparatus for guiding flexible bands or belts in motion. 1,644,927; Oct. 11.
 Landrum, Mark L., Plymouth, Calif. Automatically-adjusting gear puller. 1,644,839; Oct. 11.
 Lang, Franz, Munich-Lymphenburg, Germany, assignor to Aro Aktiengesellschaft, Kussnacht-on-the-Rigi, Switzerland. Two cycle internal combustion engine. 1,645,199; Oct. 11.
 Langston, Samuel M., Company. (See Sleg, Karl, assignor.)
 Lapkin, Boruch, Toronto, Ontario, Canada, assignor to B. E. Lloyd, Woodcliff, N. J. Eye mounting. 1,644,735; Oct. 11.
 Lasker, George, Chicago, Ill. Water-tube boiler. 1,645,330; Oct. 11.
 Lasure, Earl E., assignor to W. C. Lasure, Dayton, Ohio. Fluid-operated brake. 1,645,105; Oct. 11.
 Lasure, Warren C. (See Lasure, Earl E., assignor.)
 Laube, Henry M., Kankakee, Ill. Collar. 1,645,431; Oct. 11.
 Lauffer, Jean, Logelbach, France. Device for distinguishing different sorts of cotton during spinning operations. 1,645,432; Oct. 11.
 Layen, Louis, assignor to Hampden Auto Top & Metal Company, Springfield, Mass. Vehicle top construction. 1,645,433; Oct. 11.
 Lea, Henry I., et al. (See Humphrey, C. W., and McKittick, assignors.)
 Lea, John M., Detroit, Mich., assignor to The Mileometer Company, Chicago, Ill. Speedometer construction. 1,645,331; Oct. 11.
 Lebanon Steel Foundry. (See Gerhard, Paul E., assignor.)
 Leiby, States L., Corning, N. Y. Projector. 1,645,063; Oct. 11.
 Ledbetter, James C., Brooklyn, assignor, by mesne assignments, to The Prosperity Company, Inc., Syracuse, N. Y. Conveyor press. 1,644,928; Oct. 11.
 Ledbetter, James C., Brooklyn, assignor, by mesne assignments, to The Prosperity Company, Inc., Syracuse, N. Y. Electric garment press. 1,644,929; Oct. 11.

Ledbetter, James C., New York, assignor to The Prosperity Company, Inc., Syracuse, N. Y. Ironing-press burr guard. 1,644,930; Oct. 11.
 Ledwinka, Joseph, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Buffer for automobile doors. 1,644,679; Oct. 11.
 Ledwinka, Joseph, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Door for automobile bodies. 1,644,680; Oct. 11.
 Ledwinka, Joseph, assignor to Edward G. Budd Manufacturing Co., Philadelphia, Pa. Automobile door buffer. 1,644,681; Oct. 11.
 Ledwinka, Joseph, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Weather strip for automobile doors. 1,644,682; Oct. 11.
 Ledwinka, Joseph, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Latch-bolt keeper and mounting the same. 1,645,332; Oct. 11.
 Ledwinka, Joseph, assignor to Edward G. Budd Manufacturing Co., Philadelphia, Pa. Latch mechanism. 1,645,333; Oct. 11.
 Lee Engineering Research Corporation. (See Lee, Royal, assignor.)
 Lee, John A., Benson, Minn. Storm-sash holder. 1,644,886; Oct. 11.
 Lee, Royal, assignor to Lee Engineering Research Corporation, Milwaukee, Wis. Valve-tappet compensator. 1,644,840; Oct. 11.
 Legg, Joseph W., Wilkinsburg, Pa. assignor to Westinghouse Electric & Manufacturing Company. Circuit-interrupter system. 1,645,286; Oct. 11.
 Leggett, Henry S., Brooklyn, N. Y. Adjustable bracket for clotheslines. 1,645,334; Oct. 11.
 Leidecker, Foster H., assignor to The Leidecker Tool Company, Marietta, Ohio. Making spiral auger stems, spiral bits, and spiral substitutes. Re16,768; Oct. 11.
 Leidecker Tool Company, The. (See Leidecker, Foster H., assignor.)
 Lelpert, August H., assignor to International Motor Company, New York, N. Y. Seat. 1,644,683; Oct. 11.
 Leishman, Le Roy J., Ogden, Utah. Telegraphophone reproducer. 1,645,401; Oct. 11.
 Leslie, Eugene H., Ann Arbor, Mich., and B. R. Tunison, New York, N. Y. Carrying out chemical reactions with liquids. 1,644,736; Oct. 11.
 Less Carload Lots Company, The. (See Smith, Alfred H., assignor.)
 Lewinnek, Georg, Berlin, Germany, assignor to General Electric Company. Ventilation of dynamo-electric machines. 1,645,064; Oct. 11.
 Lewis, Thomas A., New York, N. Y. Display apparatus. 1,645,335; Oct. 11.
 Liebert, Herman R., and W. Fischer, assignors to Goodyear-Zeppelin Corporation, Akron, Ohio. Ballast recoverer for airships. 1,645,065; Oct. 11.
 Lilly, Thomas F., Memphis, Tenn. Hydraulic power-transmission mechanism. 1,645,246; Oct. 11.
 Lincoln Pulp and Paper Company. (See MacLachlan, Kellogg S., assignor.)
 Lindblom, William E., assignor to Simmons Company, Kenosha, Wis. Method of and apparatus for shaping metallic tubing. 1,645,434; Oct. 11.
 Linderman, Garrett B., Jr., Bethlehem, Pa., assignor, by mesne assignments, to American Meter Company, New York, N. Y. Specific-gravity-determining apparatus. 1,644,684; Oct. 11.
 Ling, Steve, Spokane, Wash. Carbon-removing implement. 1,645,435; Oct. 11.
 Lissel, Karl G., assignor to Svenska Aktiebolaget Logg, Stockholm, Sweden. Adjusting arrangement for springs used in hydrostatic logs for balancing the pressure. 1,644,783; Oct. 11.
 Little, Donald G., and R. L. Davis, Wilkinsburg, Pa., assignors to Westinghouse Electric & Manufacturing Company. Rectifier protective system. 1,645,287; Oct. 11.
 Littman, William I., Brooklyn, N. Y. Shoe heel. 1,644,784; Oct. 11.
 Lloyd, Burt E. (See Lapkin, Boruch, assignor.)
 Lober, George H., Toledo, Ohio, assignor to The Beck-Frost Corporation, Detroit, Mich. Radiator. 1,644,685; Oct. 11.
 Lock, Robert J., Baltimore, Md. Shim for universal joints. 1,645,247; Oct. 11.
 Lotze, William I., Inglewood, Calif. Stress-breaking attachment for teeth. 1,645,436; Oct. 11.
 Love, Jess, et al. (See Gregory, B., and Mitchell, assignors.)
 Lower, Melvin S., assignor to The Sun Rubber Company, Barberton, Ohio. Manufacturing fabric-covered cushions. 1,645,248; Oct. 11.
 Lox Seal Corporation, The. (See Kondolf, Henry E., assignor.)
 Lunati, Peter J., Memphis, Tenn. Vehicle turntable. 1,644,785; Oct. 11.
 Lupfer, James A., assignor to Worthington Pump and Machinery Corporation, New York, N. Y. Oil-pumping system. 1,644,841; Oct. 11.
 Lupton, David, Sons Company. (See Ferguson, Frank C., assignor.)
 Lusse Brothers. (See Lusse, Joseph and R., assignors.)
 Lusse, Joseph and R., assignors to Lusse Brothers, Philadelphia, Pa. Current collector. 1,645,487; Oct. 11.
 Lusse, Robert. (See Lusse, Joseph and R.)

Maag Gear Wheel and Machine Company. (See Maag, Max, assignor.)
 Maag, Max, Schwamendingen, assignor to Maag Gear Wheel and Machine Company, Ltd., Zurich, Switzerland. Spur-gear shaper. 1,645,106; Oct. 11.
 Maatschappij, N. V., Ago. (See Van der Werff, Auke H., assignor.)
 Macdonald, Lester S., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Finishing machine. 1,644,931; Oct. 11.
 MacDonald, Margaret B., assignor to University of Tennessee, Knoxville, Tenn. Removal of undesirable foreign flavors and odors from milk, cream, and other milk products. 1,644,842; Oct. 11.
 Macintosh, Charles A., Spencerport, N. Y. Implement for removing covers or closures. 1,645,107; Oct. 11.
 Mack, Perry E., assignor, by mesne assignments, to Briggs & Stratton Corporation, Milwaukee, Wis. Gas-engine starter. 1,644,932; Oct. 11.
 Mackie-Lovejoy Manufacturing Co. (See Walker, William H., assignor.)
 MacLachlan, Kellogg S., St. Catharines, Ontario, assignor to Lincoln Pulp and Paper Company, Limited, Merriton, Canada. Preparing transparent paper with opaque markings. 1,645,249; Oct. 11.
 MacNeill, John B., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Throttling device. 1,645,288; Oct. 11.
 Madala, Anthony S. (See Williamson, Russell B., assignor.)
 Madden, Edward J., Detroit, Mich. Automobile windshield. 1,645,438; Oct. 11.
 Madden, Willie A., Palacios, Tex. Piston-ring tool. 1,645,200; Oct. 11.
 Maker, John A., Duluth, Minn. Humidifier. 1,644,737; Oct. 11.
 Mallory, Harry C., deceased, S. R. Mallory, administratrix, Bellport, N. Y. Thermostatic valve mechanism. 1,644,786; Oct. 11.
 Mallory, Sue R., administratrix. (See Mallory, Harry C.)
 Maun, Leslie, Springfield, Mass. Projector. 1,645,108; Oct. 11.
 Mann, Seward W., assignor to H. Kleinbans Company, Pittsburgh, Pa. Direct-current-generator system. 1,645,149; Oct. 11.
 Mann, Seward W., assignor to H. Kleinbans Company, Pittsburgh, Pa. Apparatus for controlling the flow of current from direct-current generators. 1,645,150; Oct. 11.
 Mansfield, Arthur, Eureka, Kans. Adjustable sawing machine. 1,644,887; Oct. 11.
 Markel, Emerich J., New Haven, Conn. Reflector attachment for vehicle headlights. 1,644,686; Oct. 11.
 Markowitz, Joseph. (See Stern, I., Roth, and Markowitz.)
 Marley, Samuel P., Pittsburgh, and W. A. Gruse, Wilkinsburg, assignors to Gulf Refining Company, Pittsburgh, Pa. Fuel composition. 1,645,109; Oct. 11.
 Marneux, Leontine, née David, Paris, France. Hosiery machine of the straight or flat web type. 1,645,429; Oct. 11.
 Mair, Robert A., Norfolk, Va. Broom and making same. 1,644,738; Oct. 11.
 Marshall, Andrew J., assignor of one-half to G. W. Mitchell, Harrisburg, Ill. Electric shot-firing device. 1,644,843; Oct. 11.
 Marshall, Josie S., et al. (See Delker, William L., assignor.)
 Marshall-Wells Company. (See Hokanson, Martin, assignor.)
 Martin, James V., Garden City, N. Y. Craft-propulsion means. 1,644,787; Oct. 11.
 Marx, Louis, Brooklyn, N. Y. Toy roundabout. 1,644,933; Oct. 11.
 Master Lock Company. (See Soref, Harry, assignor.)
 Master Metal Products, Inc. (See Geibel, John F., assignor.)
 Mathewson, Paul, Durham, Conn. Desk tray. 1,645,151; Oct. 11.
 Matlock, Chauncey, Brooklyn, N. Y., assignor to Monroe-Louisiana Carbon Company, Monroe, La. Method and apparatus for producing carbon. Re16,765; Oct. 11.
 Maxey, Robert E. L., New York, N. Y. Tie and fastening. 1,644,984; Oct. 11.
 May, David T., Port Washington, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wire-splicing machine. 1,645,152; Oct. 11.
 Mayer, Walter M., Chicago, Ill. Grease or oil gun or the like. 1,644,687; Oct. 11.
 Maytag Company, The. (See Snyder, Howard F., assignor.)
 McBrien, Roger W., Alton, Ill. Thermostatically-operated electric switch. 1,645,201; Oct. 11.
 McCabe, Ira E., Chicago, Ill. Combined pressure and float actuated switch. 1,644,935; Oct. 11.
 McCain, Donald R., Helmetta Borough, N. J. Envelope. 1,645,148; Oct. 11.
 McClain, Douglas O. (See Hurley, Joseph M., assignor.)
 McCracken, Charles C., Bradner, Ohio. Emergency ladder. 1,644,739; Oct. 11.
 McFarland, John H., Merrill, assignors of one-fourth to F. B. Walcott, Wheeler, Mich. Machine for simultaneously drying and polishing beans and the like. 1,645,440; Oct. 11.
 McGlothorn, John F., Seattle, Wash. Table. 1,645,336; Oct. 11.

McGowan, Peter J., Hyde Park, assignor to Wellman Company, Medford, Mass. Sole-cutting machine. 1,645,441; Oct. 11.

McGranaghan, John R., Philadelphia, Pa. Holder for a curling iron. Des. 73,617; Oct. 11.

McIntyre, Elmer L., Detroit, Mich., assignor to The Studebaker Corporation, South Bend, Ind. Speedometer drive mechanism. 1,644,888; Oct. 11.

McKee, Garnet W., Rockford, Ill. Temperature regulator for furnaces and the like. 1,645,506; Oct. 11.

McKendrick, Percy F. (See De La Mare, Thomas, assignor.)

McKeon, Patrick D., Shelton, assignor to International Silver Company, Meriden, Conn. Cigarette case or similar article. Des. 73,616; Oct. 11.

McKissick, William H., Tulsa, Okla. Safety sheave block. 1,645,014; Oct. 11.

McKittick, Donald S. (See Humphrey, C. W., and McKittick.)

McNair, Dora S., Waxahachie, Tex. Undergarment. 1,644,844; Oct. 11.

Melang, Ole A., Seattle, Wash. Stave-finishing machine. 1,645,015; Oct. 11.

Melco Engineering Corporation. (See Meyers, Sidney E., assignor.)

Meredith, Harry R., et al. (See Murphy, Robert N., assignor.)

Mertens, Paul, Newark, N. J. Collapsible corkscrew. 1,644,936; Oct. 11.

Messer, Adolf, Frankfurt-on-the-Main, Germany. Welding torch. 1,645,337; Oct. 11.

Messick, Charles, Brentwood, N. Y. Diaphragm and making same. 1,645,110; Oct. 11.

Metal Specialties Manufacturing Company. (See Berg, John, assignor.)

Metropolitan-Vickers Electrical Company. (See Hinton, Norman P., assignor.)

Metzner, Albert W. (See Sherman, J. Q., and Metzner.)

Meyer, Alcid A., Minneapolis, Minn. Newspaper-vending machine. 1,645,442; Oct. 11.

Meyer Furnace Company, The. (See Boesch, Jacob J., assignor.)

Meyers, Sidney E., Buffalo, N. Y., assignor to Melco Engineering Corporation. Apparatus for burning oil. 1,645,443; Oct. 11.

Mica Insulator Company. (See Coffey, Joseph M., assignor.)

Michelsen, John, Vancouver, British Columbia, Canada. Calk attachment for boots. 1,645,111; Oct. 11.

Mikottis, Joseph, Greenwood, Wis. Sawing attachment for tractors. 1,645,066; Oct. 11.

Mileometer Company, The. (See Lea, John M., assignor.)

Miller, Alfred, Dessau in Anhalt, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Photographic copying by the reflection method. 1,645,112; Oct. 11.

Miller Company, The. (See Wolter, Herman H., assignor.)

Miller, George L., assignor to Farley Manufacturing Company, Decatur, Ill. Lighting bracket. Des. 73,618; Oct. 11.

Miller, John A., Homewood, Ill. Roof structure. 1,645,202; Oct. 11.

Miller, William R. H., et al. (See Dobbins, George R., assignor.)

Milliff, Frank A. and J. A., Los Angeles, Calif. Vaporizer. 1,644,937; Oct. 11.

Milliff, John A. (See Milliff, Frank A. and J. A.)

Mishawaka Rubber and Woolen Manufacturing Company. (See Blair, George W., assignor.)

Mitchell, Albert S., Tacoma, Wash. Cord holder. 1,645,250; Oct. 11.

Mitchell, Clarence C. (See Gregory, B., and Mitchell.)

Mitchell, George W. (See Marshall, Andrew J., assignor.)

Mix, Edwin S., Rochester, N. Y., assignor to Hickok Manufacturing Company, Inc. Belt and loop fastener used in connection with the same. 1,644,845; Oct. 11.

Mleoch, Thomas V., St. Cloud, Minn. Vegetable slicer. 1,645,113; Oct. 11.

Modine, Arthur B., Racine, Wis. Maintaining the temperature of the fluid in circulating systems. 1,645,338; Oct. 11.

Mohn, Rudolf, Sulgen, assignor to W. Muller, Thal, Canton St. Gallen Switzerland. Letter-franking machine. 1,645,388; Oct. 11.

Molyneux, George E., Bayonne, assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe-tip machine. 1,644,938; Oct. 11.

Monkhouse, Allan, Roseligh, England, assignor to Westinghouse Electric & Manufacturing Company. Machine for wrapping bodies. 1,645,289; Oct. 11.

Monroe, Edward R., Bay City, Mich. Therapeutic chair. 1,645,339; Oct. 11.

Monroe, Kenneth P., Penns Grove, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of a tetra-alkyl lead. 1,645,389; Oct. 11.

Monroe, Kenneth P., Penns Grove, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Making tetra-alkyl lead. 1,645,390; Oct. 11.

Monroe-Louisiana Carbon Company. (See Matlock, Chauncey, assignor.)

Monanto Chemical Works. (See Conover, Courtney, assignor.)

Moore, Arlington, New York, N. Y., assignor to Moore Inventions Corporation, Worcester, Mass. Sanitary metal can. 1,645,016; Oct. 11.

Moore, Arlington, assignor to Moore Inventions Corporation, Worcester, Mass. Removable locking dental bridgework. 1,645,340; Oct. 11.

Moore, Charles R., Wyoming, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Acoustic device. 1,644,788; Oct. 11.

Moore Inventions Corporation. (See Moore, Arlington, assignor.)

Moore, Monte G., Prairie City, Oreg. Animal trap. 1,645,444; Oct. 11.

Moorhouse, Alfred, assignor to Packard Motor Car Company, Detroit, Mich. Carburetor. 1,645,341; Oct. 11.

Moorhouse, Alfred, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 1,645,342; Oct. 11.

Moorhouse, Alfred, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 1,645,343; Oct. 11.

Morgan, A. K. (See Bacon, George M., assignor.)

Morgan, Lancelot R., Salt Lake City, Utah. Can closure. 1,644,939; Oct. 11.

Morlock, Heinrich, Pforzheim, Germany. Magazine pencil. 1,644,740; Oct. 11.

Morris, James W., New Holland, Ohio. Wire-fence guard. 1,644,846; Oct. 11.

Morton Machine Works. (See Brown, Oscar, assignor.)

Moss, James W. S. (See Kinsley, L., and Moss.)

Motor Products Corporation. (See Pritchard, William S., assignor.)

Motor Terminals Company. (See Borkes, Francis W., assignor.)

Mottlau, August J., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company. Thermostatic switch. 1,645,290; Oct. 11.

Mougey, Harry C., assignor to General Motors Research Corporation, Dayton, Ohio. Uniting dissimilar metals. 1,644,741; Oct. 11.

Moulton, Harold R. (See Tillyer, E. D., and Moulton.)

Moyer, Fredella H., Canton, Ohio. Joining serrated steel structural units. 1,644,940; Oct. 11.

Moyer, James M., and H. C. Kofoed, Yuma, Colo. Cultivator. 1,645,507; Oct. 11.

Moynihan, Free, Chicago, Ill. Interchangeable sign. 1,644,742; Oct. 11.

Mullan, Joseph E. (See Kitchel, R. R., and Mullan.)

Müller, August, assignor of one-half to K. Schieder, Nuremberg, Germany. Direction indicator for vehicles. 1,644,847; Oct. 11.

Muller, Carl W., Hosterwitz, near Dresden, assignor to "Universelle" Cigaretten-Maschinen-Fabrik J. C. Müller & Co., Dresden, Germany. Feeding mechanism for cigarette machines. 1,645,067; Oct. 11.

Müller, Ernst, Berlin, Germany. Fur testing and cutting device. 1,645,391; Oct. 11.

Muller, Willy. (See Mohn, Rudolf, assignor.)

Multipost Company. (See Schweiger, William F., assignor.)

Munters, Carl G., Dala-Jarna, and B. C. von Platen, Ystad, Sweden, assignors, by mesne assignments, to Electroflux Serval Corporation. Absorption refrigerating apparatus. 1,645,017; Oct. 11.

Murphy, Gilbert O., and D. Wenham, Hamilton, New Zealand. Cutting blade of lawn mowers. 1,644,889; Oct. 11.

Murphy, Joseph W. (See Cook, J. T., Jr., Murphy, Brunick, and Goldsmith.)

Murphy, Robert N., assignor of twenty-eight and three-fourths per cent to J. S. Wilson and eleven and one-fourth per cent to H. R. Meredith, Ottawa, Ontario, Canada. Sanitary trap fitting. 1,644,941; Oct. 11.

Muse, Peter C., Johnson City, Tenn. Cabinet for type. 1,645,445; Oct. 11.

Myers, Eugene V., East Orange, N. J. Lubrication indicator. 1,644,848; Oct. 11.

Myers, Marcus A., Gloversville, N. Y., assignor to Myers' Woolly Animals, Inc. Carrying bag. Des. 73,619; Oct. 11.

Myers' Woolly Animals, Inc. (See Myers, Marcus A., assignor.)

Myre, James H., Detroit, Mich. Slide game mechanism. 1,644,890; Oct. 11.

Myre, James H., Detroit, Mich. Platform release. 1,644,891; Oct. 11.

Napier Co., The. (See Ross, J., and Schuelke, assignors.)

Nash, Mary B., Pasadena, Calif. Holder for containers. 1,645,392; Oct. 11.

National Cash Register Company, The. (See Von Pein, Edward J., assignor.)

National Lead Company. (See Behr, Gustave E., Jr., assignor.)

Nawlsky, Paul, Ludwigshafen-on-the-Rhine, O. Braunsdorf, and E. Holzapfel, Höchst-on-the-Main, Germany, assignors, by mesne assignments, to Grasselli Dyestuff Corporation, New York, N. Y. Manufacture of isodibenzanthrones. 1,644,849; Oct. 11.

Nebel, Ernst O., Philadelphia, Pa. Stocking. Des. 73,620; Oct. 11.

Nellis, Charles P., and A. W. Scott, assignors to The Inland Manufacturing Company, Dayton, Ohio. Steering wheel. 1,645,446; Oct. 11.

Nelson, Nelson L., et al. (See Corlew, C. M., and Glohm, assignors.)

Neresheimer, Heinrich, Ludwigshafen-on-the-Main, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Manufacture of isodibenzanthrones. 1,644,850; Oct. 11.

Neresheimer, Heinrich, Ludwigshafen-on-the-Rhine, and H. Emmer, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt-on-the-Main, Germany. Manufacture of benzanthrone derivatives containing sulphur. 1,644,851; Oct. 11.

Nero, Arvid H., New Britain, assignor to The Arrow Electric Company, Hartford, Conn. Electric switch. 1,645,393; Oct. 11.

Ness, Fred, Lake Andes, S. Dak. Tourist's combination bed. 1,644,852; Oct. 11.

New Metal Products Company. (See Harford, Albert K., assignor.)

Newman, A. L., Company. (See Newman, Almyr L., assignor.)

Newman, Almyr L., Warwick, assignor, by mesne assignments, to A. L. Newman Company, Cranston, R. I. Flexible and expandable bracelet and the like. 1,645,394; Oct. 11.

New York Brick Handling Corporation. (See Wallace, William W., assignor.)

Nichols, Henry, New York, N. Y. Vehicle wheel. 1,645,395; Oct. 11.

Nichols, Henry, New York, N. Y. Vehicle wheel. 1,645,396; Oct. 11.

Noble, Victor A., Laurens, Iowa. Vehicle body construction. 1,644,892; Oct. 11.

Nordenswan, Robert, and A. S. Curtis, assignors to Western Electric Company, Incorporated, New York, N. Y. Electromagnetic device. 1,644,789; Oct. 11.

Norris, Almon E., Brookline, Mass. Grab. 1,644,743; Oct. 11.

Norris, Almon E., Brookline, Mass. Rail-clamping mechanism. 1,644,942; Oct. 11.

Norris, Paul E., Wilkesburg, assignor to The Westinghouse Union Battery Company, Swissvale, Pa. Storage-battery separator. 1,644,853; Oct. 11.

Northrop, Jonas, Hopedale, assignor to Hopedale Manufacturing Company, Milford, Mass. Dobby for looms. 1,645,203; Oct. 11.

Northwestern Collapsible Carrier Co. (See Woolsey, C. A., and Bowman, assignors.)

Nosan, Anton, Cleveland, Ohio. Adjustable wing structure for aeroplanes. 1,645,153; Oct. 11.

Nosan, Anton, Cleveland, Ohio. Driving means for aeroplane propellers. 1,645,154; Oct. 11.

Nothstine, Paul A., Dayton, Ohio. Picture-projecting machine. 1,645,204; Oct. 11.

Nyman, Alexander, Swissvale, and F. Conrad, Pittsburgh, Pa., assignors to Westinghouse Electric and Manufacturing Company. Polyphase plate-circuit excitation system. 1,645,291; Oct. 11.

O'Brien, Gerald C., St. Louis, Mo. Electrical fuse. 1,645,344; Oct. 11.

O'Brien, William G., assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Machine for making a fiber composition. 1,645,068; Oct. 11.

Oesterreich, Edward, Philadelphia, Pa. Knitting machine. 1,644,688; Oct. 11.

O'Hagan, Bernard E., assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical apparatus. 1,645,251; Oct. 11.

Ohio Cultivator Company, The. (See Griffith, Richard H., assignor.)

Okner, Bernard, Chicago, Ill. Ball bearing. 1,645,345; Oct. 11.

Oliver Continuous Filter Company. (See Oliver, Edwin L., assignor.)

Oliver, Edwin L., assignor to Oliver Continuous Filter Company, Oakland, Calif. Pulp thickener. 1,644,854; Oct. 11.

Olsen, H. J., et al. (See Ginger, Frank M., assignor.)

Olson, Carl V., Chicago, Ill. Visible-filing device. 1,644,790; Oct. 11.

Olson, Theodore A. (See Theobald, G. A., and Olson.)

O'Neill, James H., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Automatic can-testing machine. 1,645,018; Oct. 11.

Oppenheim, Theodore H., and B. Selhorst, Coldwater, Ohio. Gear case for corn huskers. 1,645,252; Oct. 11.

Opperman, Emil L., assignor to Precise Manufacturing Corporation, Rochester, N. Y. Electric switch. 1,645,019; Oct. 11.

Osgood, Robert C., Claremont, N. H., assignor to Sullivan Machinery Company. Mining machine. 1,644,943; Oct. 11.

Ovalitt, David W., Flint, Mich. Telephone stand. 1,645,253; Oct. 11.

Package Machinery Company. (See Smith, E. L., and Phelon, assignors.)

Packard, Lester E., Brockton, assignor to Avon Sole Company, Avon, Mass. Shoe sole or heel. 1,644,855; Oct. 11.

Packard Motor Car Company. (See Ewend, Walter H., assignor.)

Packard Motor Car Company. (See Griswold, Walter R., assignor.)

Packard Motor Car Company. (See Hammerl, Jacob, assignor.)

Packard Motor Car Company. (See Moorhouse, Alfred, assignor.)

Packard Motor Car Company. (See Pierson, Robert M., assignor.)

Packer, William H., Columbus, Ohio. Stop-door hinge fixture. 1,645,114; Oct. 11.

Palmer, Granville E., Cambridge, Mass., assignor to Westinghouse Electric & Manufacturing Company. Circuit interrupter. 1,645,292; Oct. 11.

Palmer, Sylvian, Flushing, N. Y. Testing fuses. 1,645,346; Oct. 11.

Panyard, John F., Detroit, Mich. Piston packing. 1,644,944; Oct. 11.

Paragon Can & Cap Company. (See Russell, Robert A., assignor.)

Paragon Can & Cap Company. (See Seward, Edward C., assignor.)

Parker, Claude E., Mountain View, Calif. Vending-machine casing. Des. 73,621; Oct. 11.

Parmelee, Alfred E. (See Daudt, H. W., Parmelee, and Calcott.)

Paschen, Paul. (See Singer, K., Paschen, and Relme.)

Pathé Cinéma, Anciens Etablissements Pathé Frères. (See Gauriat, Pierre S., assignor.)

Pattison, Albert W., Lockport, N. Y. Headlight for spring bumpers. 1,644,945; Oct. 11.

Payne, Minton M., et al. (See Bellman, John A., assignor.)

Peck, John M., assignor to The Porcelain Insulator Corporation, Lima, N. Y. Suspension insulator. 1,645,447; Oct. 11.

Pederson, Harold G., Syracuse, N. Y. Counterbalancing device. 1,645,254; Oct. 11.

Peller, Karl E., West Hartford, assignor to Hartford Empire Company, Hartford, Conn. Feeding molten glass. 1,644,893; Oct. 11.

Pelican Toy Company. (See Wismar, Albert D., assignor.)

Pendery, Edward W., assignor to The Higgin Manufacturing Company, Newport, Ky. Metal fenestra screen support. 1,645,448; Oct. 11.

Pengilly, Joseph H., assignor to Brown & Pengilly, Inc., Los Angeles, Calif. Overload relay. 1,645,020; Oct. 11.

Pennsylvania Textile Mills, Inc. (See Day, Harry S., assignor.)

Perclabosco, Michael, Chicago, Ill., assignor of one-half to J. Rosinia. Vending-machine casing. Des. 73,622; Oct. 11.

Perfect Window Regulator Corporation. (See Goldsmith, B. J., and Koeb, assignors.)

Perky, Scott H., Rumson, N. J. Machine for forming a food product. 1,645,155; Oct. 11.

Perrault, Joseph E., assignor to Hood Rubber Company, Watertown, Mass. Tire-building machine. 1,645,397; Oct. 11.

Petard, Daniel E. J., Nice, France. Safety razor. 1,645,021; Oct. 11.

Peterson, Burt A., assignor to Barber-Colman Company, Rockford, Ill. Winder. 1,644,946; Oct. 11.

Peterson, Francis C., assignor to Peterson & Nethaway, Everett, Wash. Rotary pump. 1,645,069; Oct. 11.

Peterson, Julius, assignor to Deere & Company, Moline, Ill. Lister plow. 1,644,894; Oct. 11.

Peterson & Nethaway. (See Peterson, Francis C., assignor.)

Petschenig, Karl, Vienna, Austria, assignor to the Firm C. P. Goerz Optische Anstalt Aktiengesellschaft, Akeleya Spolecnost K. P. Goerz Opticky Ustav, Bratislava, Czechoslovakia. Plotting board. 1,644,791; Oct. 11.

Pfeiffer, Immanuel, assignor, by mesne assignments, to Blue Tip Pile Wire & Knife Company, Bedford, Mass. Pile wire for looms. 1,645,255; Oct. 11.

Phelon, Arthur E. (See Smith, E. L., and Phelon.)

Phipps, John T., Huntington Park, Calif. Core barrel. 1,644,947; Oct. 11.

Pierce, Leon, New York, N. Y. Building pile. 1,645,398; Oct. 11.

Pierson, Robert M., Akron, Ohio, assignor to Packard Motor Car Company, Detroit, Mich. Inlet manifold for internal-combustion motors. 1,645,347; Oct. 11.

Pilcher, John V. (See Babbitt, John F., assignor.)

Pingen, Henry M., Toledo, Ohio. Electron tube. 1,644,744; Oct. 11.

Pioneer Slaughtering Device Company. (See Walker, Eugene F., assignor.)

Piston Ring Company, The. (See Johnson, Charles E., assignor.)

Podel, Abraham, assignor to Anchor Cap and Closure Corporation, Long Island City, N. Y. Cap and package. 1,645,022; Oct. 11.

Pohl, Robert, Berlin, Germany, assignor to General Electric Company. Dynamo-electric machine. 1,645,070; Oct. 11.

Poirier, Leon, Tracadie, New Brunswick, Canada. Nail-punch holder. 1,644,948; Oct. 11.

Pollock Pen Company. (See Theobald, G. A., and Olson, assignors.)

Pontikis, John B., Washington, D. C. Display stand. 1,645,399; Oct. 11.

Porcelain Insulator Corporation, The. (See Peck, John M., assignor.)

Porsche, Ferdinand, Stuttgart-Unterturkheim, assignor, by mesne assignments, to Daimler-Benz Aktiengesellschaft, Berlin, Germany. Fluid-pressure brake for power-driven road vehicles. 1,645,400; Oct. 11.

Potter, Albert T., assignor to Ainsworth Manufacturing Company, Detroit, Mich. Windshield pivot. 1,644,689; Oct. 11.

Potter, Ralph K., New York, N. Y., assignor to American Telephone and Telegraph Company. Transmission-level-control system. 1,644,745; Oct. 11.

Potter, William E., Schenectady, N. Y., assignor to General Electric Company. Fuel injector for internal-combustion engines. 1,645,071; Oct. 11.

Pradas, Henry, assignor of one-third to M. Kroeger and one-third to L. Carrillo, Los Angeles, Calif. Fire alarm and detector. 1,644,949; Oct. 11.

Pratt & Whitney Company. (See Thatcher, John J., assignor.)

Pretise Manufacturing Corporation. (See Opperman, Emil L., assignor.)

Prest-O-Lite Company, The. (See Fliedner, Carlyle S., assignor.)

Pritchard, William S., assignor to Motor Products Corporation, Detroit, Mich. Radiator shield. 1,644,690; Oct. 11.

Pritchard, William S., assignor to Motor Products Corporation, Detroit, Mich. Windshield. 1,644,691; Oct. 11.

Proebstel, Delbert W., Portland, Oreg. Multiple Pitot and piezometer tube for measuring the flow of water through closed conduits. 1,645,449; Oct. 11.

Prosperity Company, The. (See Braun, Aquila R., assignor.)

Prosperity Company, The. (See Ledbetter, James C., assignor.)

Prym, Hans, Stolberg, Germany. Wire-straightening machine. 1,645,072; Oct. 11.

Pullman, James H., Fall River, Mass. Textile roll. 1,645,348; Oct. 11.

Purtzer, Edward, Lamar, Ind. Power take-off shaft for automobile wheels. 1,645,401; Oct. 11.

Quaker Oats Company, The. (See Hagmann, Ulrich, assignor.)

Quimby, William E., Inc. (See Rathman, Gilbert, assignor.)

Rabe, Paul, Leverkusen, near Cologne, and W. Schepss, Wiesdorf, near Cologne, Germany, assignors, by mesne assignments, to Grasselli Dyestuff Corporation, New York, N. Y. Dyeing acidyl celluloses. 1,645,450; Oct. 11.

Rabe, Paul, Leverkusen, near Cologne-on-the-Rhine, and W. Schepss, Wiesdorf, near Cologne-on-the-Rhine, Germany, assignors, by mesne assignments, to Grasselli Dyestuff Corporation, New York, N. Y. Dyeing acidyl celluloses. 1,645,451; Oct. 11.

Ragan, Sidney A., New Orleans, La. Paper-perforating machine. 1,644,950; Oct. 11.

Ramsay, Karl H. W., Summit, assignor to Diamond Electric Specialties Corp., Newark, N. J. Dry-cell electrode and making the same. 1,644,746; Oct. 11.

Rapley, Frank A., Silver Creek, N. Y. Separating and grading machine. 1,645,402; Oct. 11.

Rathman, Gilbert, Newark, N. J., assignor to William E. Quimby, Inc., New York, N. Y. Screw pump. 1,645,349; Oct. 11.

Read, John B., Golden, and M. F. Coolbaugh, assignors to The Complex Ores Recoveries Company, Denver, Colo. Roasting. 1,644,692; Oct. 11.

Reed, Charles E. (See Boynton, Stanley E., assignor.)

Reed, Evan L., Chicago, Ill. Stepladder stool. 1,644,356; Oct. 11.

Reed, Harry H. (See Gulick, R. A., and Reed.)

Reid, Thomas A., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Electric furnace resistor. 1,645,293; Oct. 11.

Reime, Georg. (See Singer, K., Paschen, and Reime.)

Reineke, Josef H., Bochum, Germany. Apparatus for regulating air supply. 1,645,350; Oct. 11.

Reliance Manufacturing Company. (See Watson, Otto P., assignor.)

Remy, Franz, Fosses-lenz-Namur, Belgium. Pressure and suction distributing mechanism. 1,644,792; Oct. 11.

Reynolds Spring Company. (See He, William, assignor.)

Rheinische Gummi-und Celluloid-Fabrik. (See Beyler, Albert, assignor.)

Rhodes, Russell L., North Attleboro, Mass. Box and making the same. 1,645,403; Oct. 11.

Riblet, George E., Erie, Pa. Vehicle wheel. Re16,766; Oct. 11.

Rich, George R., Battle Creek, Mich. Valve tappet and analogous articles. 1,644,793; Oct. 11.

Richards, Sidney H., Inglewood, Calif. Adjustable vise. 1,645,023; Oct. 11.

Richardson, De Soto E., Riverside, Wash. Weeding and cultivating implement. 1,645,115; Oct. 11.

Rietheimer, Rudolph. (See Ulich, Harold E. and W. E., and Rietheimer.)

Riggle, Leo J., Monroe, Wis. Apparatus for developing picture films. 1,645,452; Oct. 11.

Ringrose, Henry T., Newark-on-Trent, England. Detecting, indicating, and recording the presence of inflammable vapors or gases. 1,645,404; Oct. 11.

Rison Manufacturing Company, The. (See Beardsley, Charles E., assignor.)

Roberts, Thomas M., Villisca, Iowa. Seed-corn tester. 1,644,895; Oct. 11.

Robertson, Harry M., Lakewood, Ohio. Apparatus for producing smoke. 1,644,693; Oct. 11.

Robin, Joseph E., New York, N. Y. Coordinating signaling system. 1,645,024; Oct. 11.

Robinson, Edward A., assignor to himself and E. E. Workman, Montreal, Quebec, Canada. Automatic train-pipe connector. 1,645,025; Oct. 11.

Robinson, George W., assignor of one-half to F. N. Dorland, San Diego, Calif. Piston. 1,645,256; Oct. 11.

Rodhe, Olof, assignor to Svenska Aktiebolaget Mono, Stockholm, Sweden. Continuously-operating gas-analyzing apparatus. 1,644,951; Oct. 11.

Rodman, Clarence J., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Burner. 1,645,294; Oct. 11.

Rogers, Harrison W., New York, N. Y. Method and apparatus for plural recording and reproducing of sound. 1,645,295; Oct. 11.

Rose, William, Stuart, Fla. Septic tank. 1,645,116; Oct. 11.

Rosenthal China Corporation. (See Wesp, George, assignor.)

Rosinia, James. (See Perciabosco, Michael, assignor.)

Ross, Ernest. (See Farrand, C. L., and Ross.)

Ross, Julius, and E. A. Schuelke, assignors to The Napier Co., Meriden, Conn. Vanity box. 1,645,351; Oct. 11.

Rossmann, Rudolf, assignor to Deutsche Wollenwaren Manufaktur Aktiengesellschaft, Grunberg, Germany. Method of and apparatus for passing threads into fabrics. 1,645,257; Oct. 11.

Roth, Irving. (See Stern, I., Roth, and Markowitz.)

Roth, Martin A., Lille, France. Machine for drafting fibrous materials. 1,644,747; Oct. 11.

Rowe, Alvin V., Galesburg, Ill. Ladder and preparing rungs and rails thereof. 1,644,694; Oct. 11.

Rowe, Levi L., deceased, Boston, Mass.; T. H. Rowe, administrator. Valve. 1,645,156; Oct. 11.

Rowe, Thomas H., administrator. (See Rowe, Levi L.)

Royle, Vernon, Paterson, N. J. Tubing machine. 1,645,157; Oct. 11.

Rudenberg, Reinhold, Charlottenburg, near Berlin, Germany, assignor, by mesne assignments, to Westinghouse Electric & Manufacturing Company. Induction motor. 1,645,296; Oct. 11.

Russell, Robert A., Ridgewood, N. J. Receptacle closure. 1,645,158; Oct. 11.

Russell, Robert A., Ridgewood, assignor to Paragon Can & Cap Company, Inc., Paterson, N. J. Combined receptacle, closure therefor and dauber. 1,645,159; Oct. 11.

Rydberg, Gustav G. H. (See Broady, H. W., and Rydberg.)

Sachs, Joseph, Hartford, Conn. Electrical connection block. 1,645,453; Oct. 11.

Sachs, Philip, New York, N. Y. Transit system. 1,645,026; Oct. 11.

Saed, Theodore J., et al. (See Ankarlo, Victor E., assignor.)

Saharoff, Alexander V., Cincinnati, Ohio, assignor to Worthington Pump and Machinery Corporation, New York, N. Y. Intake silencer. 1,644,794; Oct. 11.

Sakallian, Hovagim, New York, N. Y. Door fastening. 1,645,352; Oct. 11.

Salisbury, Edgar E., Chicago, Ill. Signal system. 1,645,353; Oct. 11.

Salstrom Carving Machine Company. (See Salstrom, David B., assignor.)

Salstrom, David B., assignor to Salstrom Carving Machine Company, Chicago, Ill. Wood-carving machine. 1,644,952; Oct. 11.

Sanders, Robert L., St. Louis, Mo. Tie plate and rail brace. 1,645,258; Oct. 11.

Santiago, Juan S., San Juan, P. R. Direction indicator for vehicles. 1,645,454; Oct. 11.

Santiago, Juan S., San Juan, P. R. Direction indicator for vehicles. 1,645,455; Oct. 11.

Santiago, Juan S., San Juan, P. R. Direction indicator for vehicles. 1,645,456; Oct. 11.

Sargent & Company. (See Shaw, John H., assignor.)

Sayles Finishing Plants Inc. (See Huey, Harold L., assignor.)

Scanlon, John A., trustee. (See Zahodiakin, Victor F., assignor.)

Schall, Myron R., Palo Alto, Calif. Set-screwless collar. 1,645,457; Oct. 11.

Schepss, Wilhelm. (See Rabe, P., and Schepss.)

Schieder, Karl. (See Müller, August, assignor.)

Schinke, Edward C., Webster Groves, assignor to The Accountograph Company, St. Louis, Mo. Calculating machine. 1,644,897; Oct. 11.

Schladbach, Hermann, Dessau in Anhalt, and H. Hähle, Dessau-Ziebitz in Anhalt, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Ink. 1,645,117; Oct. 11.

Schlamp, Clara L., et al. (See Delker, William L., assignor.)

Schlamp, Mabel D., et al. (See Delker, William L., assignor.)

Schleicher, Frank J., St. Louis, Mo. Candy box. Des. 73,623; Oct. 11.

Schloemer, John F., Los Angeles, Calif. Egg case filler. 1,644,898; Oct. 11.

Schnell, William, assignor to Ternstedt Manufacturing Co., Detroit, Mich. Window-regulator handle or similar article. Des. 73,624; Oct. 11.

Schroeder, Simon E., Oak Park, Ill. Wringer. 1,645,160; Oct. 11.

Schroeder, Simon E., Newton, Iowa. Wringer. 1,645,161; Oct. 11.

Schroeder, Simon E., Newton, Iowa. Wringer. 1,645,297; Oct. 11.

Schuch, G. M., et al. (See Ankarlo, Victor E., assignor.)

Schuelke, Emil A. (See Ross, J., and Schuelke.)

Schuetz, Thomas J., Tulsa, Okla. Attachment for motor vehicles. 1,645,162; Oct. 11.

Schwartz, Morris, assignor to American Flange & Manufacturing Co., Chicago, Ill. Container. 1,645,163; Oct. 11.

Schweiger, Bruno, Erkelenz, Germany. Apparatus for raising oil from wells. 1,644,748; Oct. 11.

Schweiger, William F., assignor to Multipost Company, Incorporated, Rochester, N. Y. Stamp-pressing machine. 1,645,073; Oct. 11.

Scott, Alva W. (See Nellis, C. P., and Scott.)

Scott, Charles T., Upperville, Va. Dust-cap and rim-out connection for tire-valve stems. 1,645,027; Oct. 11.

Scott, Frank G., New Orleans, La. Operating mechanism for ice-cream freezers. 1,645,458; Oct. 11.

Scovill Manufacturing Company. (See Fenton, Paul E., assignor.)

Scovill Manufacturing Company. (See Fenton, P. E., and Warner, assignors.)

Seabright, Huber A., Columbus, Ohio. Size-gauging machine. 1,645,118; Oct. 11.

Sebell, Harry, assignor to L. F. Buff, Boston, Mass. Window catch. 1,645,354; Oct. 11.

Seede, John A., Schenectady, N. Y., assignor to General Electric Company. Electric furnace. 1,645,074; Oct. 11.

Seeger, Edwin W., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis. Control system for electric elevators. 1,645,075; Oct. 11.

Selhorst, Bernard. (See Oppenheim, T. H., and Selhorst.)

Seneca Falls Machine Company. (See King, N., and Ashton, assignors.)

Seward, Edward C., Brooklyn, N. Y., assignor to Paragon Can & Cap Company, Inc., Paterson, N. J. Receptacle closure. 1,645,164; Oct. 11.

Seyboth, Fritz, Zwickau, Germany. Stepped furnace grate. 1,644,953; Oct. 11.

Shackelton, William J., Scotch Plains, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Transformer circuits. 1,645,165; Oct. 11.

Shaff, Ernest H., assignor to William H. Keller, Inc., Grand Haven, Mich. Fluid-pressure-operated tool. 1,645,168; Oct. 11.

Shaw, Arthur L., assignor to Chicago Automatic Conveyor Co., Chicago, Ill. Screen for conveyors. 1,645,405; Oct. 11.

Shaw, John H., assignor to Sargent & Company, New Haven, Conn. Lock. 1,645,298; Oct. 11.

Shoarer, James, Johannesburg, Transvaal, South Africa. Reciprocating engine. 1,644,954; Oct. 11.

Sherman, John Q., Dayton, Ohio. Autographic register. 1,644,955; Oct. 11.

Sherman, John Q., Dayton, Ohio. Manifolding register. 1,644,957; Oct. 11.

Sherman, John Q., and A. W. Metzner, Dayton, Ohio, said Metzner assignor to said Sherman. Manifolding machine. 1,644,956; Oct. 11.

Sherts, James H., Newark, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Motor vehicle and window therefor. 1,645,355; Oct. 11.

Shonnard, Harold W., Montclair, N. J., assignor to Elevator Supplies Company, Inc. Fluid-pressure system. 1,645,076; Oct. 11.

Short, Charles R. (See Kettering, C. F., and Short.)

Short, Charles R., assignor to General Motors Corporation, Detroit, Mich. Transmission casing. 1,644,740; Oct. 11.

Short, Charles R., assignor to General Motors Research Corporation, Dayton, Ohio. Valve-operating means. 1,644,750; Oct. 11.

Short, Charles R., Dayton, Ohio, assignor to General Motors Research Corporation, Detroit, Mich. Thermostatic valve. 1,644,751; Oct. 11.

Shover, Barton R., Pittsburgh, Pa. Reel for strip metal. 1,644,857; Oct. 11.

Shurts, Englebert, assignor to The Universal Milking Machine Co., Waukesha, Wis. Dairy-equipment cleaner. 1,645,356; Oct. 11.

Sieg, Karl, Brooklawn, assignor to Samuel M. Langston Company, Camden, N. J. Sheet-feeding mechanism. 1,644,695; Oct. 11.

Sievert, Charles W., Los Angeles, Calif. Oil burner. 1,644,958; Oct. 11.

Simmons Company. (See Lindblom, William E., assignor.)

Singer, Konrad, P. Paschen, and G. Reime, Nuremberg, Germany, assignors to Westinghouse Electric & Manufacturing Company, New York, N. Y. Electricity meter. 1,645,299; Oct. 11.

Skrzeczowski, Joseph, Yonkers, N. Y. Hand polishing machine for shoes. 1,645,357; Oct. 11.

Slauson, Louis E., Rock Island, Ill. Traction wheel. 1,644,858; Oct. 11.

Slepián, Joseph, Swissvale, Pa., assignor to Westinghouse Electric & Manufacturing Company. Current-limiting device. 1,645,300; Oct. 11.

Slepián, Joseph, Swissvale, Pa., assignor to Westinghouse Electric & Manufacturing Company. Magnetic frequency changer. 1,645,303; Oct. 11.

Slepián, Joseph, Swissvale, Pa., assignor to Westinghouse Electric & Manufacturing Company. X-ray tube. 1,645,304; Oct. 11.

Slepián, Joseph, Swissvale, Pa., assignor to Westinghouse Electric & Manufacturing Company. Microphone circuit. 1,645,306; Oct. 11.

Slepián, Joseph, Swissvale, and C. R. Hanna, Wilkinsburg, Pa., assignors to Westinghouse Electric & Manufacturing Company. Sound-translating device. 1,645,305; Oct. 11.

Slepián, Joseph, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Magnetic amplifier and self modulator. 1,645,301; Oct. 11.

Slepián, Joseph, Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Magnetic amplifier and self modulator. 1,645,302; Oct. 11.

Slezak, Vincent F., assignor, by mesne assignments, to The American Ticket Scale Company, Chicago, Ill. Actuating mechanism for coin-controlled ticket-printing weighing scales. 1,644,752; Oct. 11.

Small, Arthur E., assignor to Union Metal Products Company, Chicago, Ill. Car-coupler-positioning device. 1,645,205; Oct. 11.

Smith, Alfred H., deceased, Chappaqua, N. Y.; M. E. Smith and E. H. Smith, executors, New York, N. Y., assignors to The Less Carload Lots Company, Wilmington, Del. Transportation car and container. 1,645,259; Oct. 11.

Smith, Charles A. (See Cross, C. S., and Smith.)

Smith, Elmer L., and A. E. Phelon, assignors to Package Machinery Company, Springfield, Mass. Stack forming and feeding mechanism. 1,645,406; Oct. 11.

Smith, Emory H., et al., executors. (See Smith, Alfred H.)

Smith, John W., Benovo, Pa. Car coupler. 1,645,459; Oct. 11.

Smith, Maude E., et al., executors. (See Smith Alfred H.)

Smith, Rosa C., Milwaukee, Wis. Type hanger. 1,645,358; Oct. 11.

Snow, Norman L., assignor to Diamond Power Specialty Corporation, Detroit, Mich. Boiler cleaner. 1,645,307; Oct. 11.

Snyder, Howard F., assignor, by mesne assignments, to The Maytag Company, Newton, Iowa. Washing machine. 1,644,959; Oct. 11.

Society of Chemical Industry in Basle. (See Gams, A., and Girard, assignors.)

Soref, Harry, assignor to Master Lock Company, Milwaukee, Wis. Master key. 1,645,407; Oct. 11.

Southgate, James F., Chelmsford, England. Blank for bracing brackets. 1,644,899; Oct. 11.

Spain, Sylvester P., Rochester, N. Y. Automatic grain feeder. 1,645,460; Oct. 11.

Sperry, Asahel D., Rock Island, Ill. Stove. 1,644,900; Oct. 11.

Speyer, Hanswerner. (See Duttlinger, E., and Speyer.)

Spittdorf Electric Company of Wisconsin. (See Daun, C. L., and Keller, assignors.)

Sprague, Edward, Jr., assignor of forty-nine one-hundredths to B. K. Dustin, Chicago, Ill. Method and apparatus for making confections. 1,645,260; Oct. 11.

Stafford, Floyd H., Eastland, Tex. Fishing tool. 1,645,461; Oct. 11.

Stark, Nathan I., Philadelphia, Pa. Scouring device. 1,645,359; Oct. 11.

Stauss, John, New Orleans, La. Keyboard-indicating device and registering performance. 1,644,980; Oct. 11.

Stebbins, Albert H., Los Angeles, Calif. Concentrator table. 1,644,753; Oct. 11.

Steenstrup, Christian, Schenectady, N. Y., assignor to General Electric Company. Electric furnace. 1,645,119; Oct. 11.

Steffens, George V., Company. (See Witbeck, Desford, assignor.)

Stein, Theodor, Berlin, Friedenau, Germany, assignor, by mesne assignments, to General Electric Company, Schenectady, N. Y. Power plant. 1,644,754; Oct. 11.

Steinberger, Louis, Brooklyn, N. Y., and G. Hill, Washington, D. C., assignors to Wired Radio, Inc., New York, N. Y. Insulated support for inductance coils. 1,645,462; Oct. 11.

Stephenson, Thomas E., Harrisburg, Pa. Pipe vise. 1,644,755; Oct. 11.

Stern, Allan G. (See Hirschfeld, H. A., and Stern.)

Stern, Ignatz, I. Roth, and J. Markowitz, New York, N. Y. Sanitary milk urn. 1,645,308; Oct. 11.

Sterbens, John W., Los Angeles, Calif. Panel-fastening means. 1,645,120; Oct. 11.

Stevens, Leslie, Glen Ridge, N. J. Sound amplifier. 1,644,795; Oct. 11.

Stevens, Sylvester G., Duluth, Minn. Pyrotechnic. 1,645,206; Oct. 11.

Stevenson, Edward E. (See Burgess, L. P., and Stevenson.)

Stewart, David A., Listowel, Ontario, Canada. Internal-combustion engine. 1,645,309; Oct. 11.

Stewart, Helton M., Gulfport, Miss. Garment supporter. 1,645,121; Oct. 11.

Stieglitz, Konrad, Cassel, Germany. Syringe with glass piston. 1,644,901; Oct. 11.

Stone, Harry, Chicago, Ill. Lamp shade. Des. 73,625; Oct. 11.
 Stone, Harry, assignor of one-half to H. Jacobson, New York, N. Y. Safety switch control. 1,645,028; Oct. 11.
 Stonehill, Winifred U., Cincinnati, Ohio. Automobile lamp. 1,644,696; Oct. 11.
 Strader, Sansbury, Los Angeles, Calif. Scrubbing machine. 1,644,859; Oct. 11.
 Stuart, Henry P., Seattle, Wash. Amplifying and detecting tube. 1,644,796; Oct. 11.
 Stuber & Kuck Co. (See Kuck, Henry G., assignor.)
 Studebaker Corporation, The. (See McIntyre, Elmer L., assignor.)
 Stumpf, Johann, Berlin, Germany. Connecting rod. 1,644,756; Oct. 11.
 Sullivan Machinery Company. (See Holmes, Morris P., assignor.)
 Sullivan Machinery Company. (See Johansen, Harry C., assignor.)
 Sullivan Machinery Company. (See Osgood, Robert C., assignor.)
 Summers, Louis C., Shady Point, Okla. Cultivator hopple. 1,644,757; Oct. 11.
 Sumner, Ernest, New York, N. Y. Trapezioidal lighting apparatus. 1,645,207; Oct. 11.
 Sun Rubber Company, The. (See Lower, Melvin S., assignor.)
 Sunderland, John P., Port Chester, N. Y., assignor to The Calorac Electric Corporation. Electric heating apparatus. 1,645,029; Oct. 11.
 Sutherland, Ernest E., Mansfield, Ohio, assignor to The Westinghouse Electric & Manufacturing Company. Terminal support. 1,645,261; Oct. 11.
 Suttis, Alfred E., Danvers, and D. Edgar, Lynn, Mass., assignors to The Turner Tanning Machinery Company. Portland, Me. Splitting machine. 1,644,961; Oct. 11.
 Svenska Aktiebolaget Logg. (See Broady, H. W., and Rydberg, assignors.)
 Svenska Aktiebolaget Logg. (See Lissel, Karl G., assignor.)
 Svenska Aktiebolaget Mono. (See Rodhe, Olof, assignor.)
 Sweet-Orr & Co. (See Sweet, Stanley A., assignor.)
 Sweet, Stanley A., New York, assignor to Sweet-Orr & Co., Inc., Wappingers Falls, N. Y. Bib pocket. 1,645,502; Oct. 11.
 Swickard, Frank, Clarinda, assignor of one-half to W. A. Blakely, Grant Center, Iowa. Mower cutting apparatus. 1,644,962; Oct. 11.
 Tanzy, Benjamin W. (See Evans, John R., assignor.)
 Tarbox, John P., Garden City, N. Y., assignor to Tarbox Safety Aircraft Company, Washington, D. C. Balancing system for aircraft. 1,644,755; Oct. 11.
 Tarbox, John P., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Latch mechanism. 1,645,310; Oct. 11.
 Tarbox Safety Aircraft Company. (See Tarbox, John P., assignor.)
 Taub, Alex., assignor to General Motors Corporation, Detroit, Mich. Clutch. 1,644,759; Oct. 11.
 Taylor, Clarence T., Arlington, Kans. Fruit-picker's bag. 1,645,360; Oct. 11.
 Taylor, Robert L., Pittsburgh, Pa., assignor to Toupet-Taylor Engineering Company. Prepared fireproof mortar. 1,645,030; Oct. 11.
 Ternstedt Manufacturing Co. (See Schnell, William, assignor.)
 Tetzlaff, Benjamin A., Berwyn, Ill., assignor to Wittek Manufacturing Co. (Electric switch. 1,644,797; Oct. 11.)
 Thacher, John J., Wethersfield, Conn., assignor to Pratt & Whitney Company, New York, N. Y. Bushing-turning attachment for automatic lathes. 1,645,123; Oct. 11.
 Theobald, George A., and T. A. Olson, assignors to Pollock Pen Company, Boston, Mass. Die-casting machine. 1,645,167; Oct. 11.
 Thomas, Arthur E., Wayne, Mich. Door-operating mechanism. 1,645,168; Oct. 11.
 Thomas, Elmer R., assignor of one-half to V. Harris, Shidler, Okla. Combination clamp. 1,645,463; Oct. 11.
 Thompson, Jink, Huntington, W. Va. Ice-cream disher. 1,645,208; Oct. 11.
 Thompson, Louis W., Schenectady, N. Y., assignor to General Electric Company. Moisture meter. 1,645,077; Oct. 11.
 Thompson, William D., assignor, by mesne assignments, to Hutchins Car Roofing Company, Detroit, Mich. Running-board saddle. 1,644,760; Oct. 11.
 Thompson, William D., assignor, by mesne assignments, to Hutchins Car Roofing Company, Detroit, Mich. Car roof. 1,645,078; Oct. 11.
 Thompson, Willis A. S. (See Gunn, R. W., and Thompson.)
 Thornycroft, Tom, Westminster, England. Cylinder of internal-combustion engines. 1,644,860; Oct. 11.
 Thrasher, Charlie, et al. (See Gregory, B., and Mitchell, assignors.)
 Tilley, Edgar D., and H. R. Moulton, assignors to American Optical Company, Southbridge, Mass. Ophthalmic lens. 1,644,798; Oct. 11.
 Titterington, Morris M., et al. (See Titterington, Morris M., assignor.)

Titterington, Morris M., assignor to C. H. Colvin and M. M. Titterington, Brooklyn, N. Y. Stabilizer. 1,645,079; Oct. 11.
 Todd, Edward G., Chicago, Ill. Railway-tank-car bottom outlet. 1,644,861; Oct. 11.
 Tomlinson, Charles H., assignor to The Tomlinson Coupler Company, Mansfield, Ohio. Spring draft gear. 1,645,361; Oct. 11.
 Tomlinson, Charles H., assignor to The Tomlinson Coupler Company, Mansfield, Ohio. Draft gear. 1,645,408; Oct. 11.
 Tomlinson Coupler Company, The. (See Tomlinson, Charles H., assignor.)
 Toomey, John F., New York, N. Y., assignor to American Telephone and Telegraph Company. Signaling system. 1,644,761; Oct. 11.
 Topf, Samson L., New York, N. Y. Mop holder. 1,644,799; Oct. 11.
 Tornisjo, Gustaf E., Columbia, Mo. Screw cap for containers. 1,644,697; Oct. 11.
 Toupet-Taylor Engineering Company. (See Taylor, Robert L., assignor.)
 Tredway, Alfred P., Shoals, Ind. Gear shift for motor vehicles. 1,646,464; Oct. 11.
 Treganowan, Thomas, Pittsburgh, Pa. Built-in chimney, incinerator. 1,645,262; Oct. 11.
 Trotter, Henry R., Morton, Pa., assignor to Westinghouse Electric & Manufacturing Company. Temperature-regulator system. 1,645,263; Oct. 11.
 Trout, Walter C., Lufkin, Tex. Make-up post. 1,644,862; Oct. 11.
 Tunison, Burnell R. (See Leslie, E. H., and Tunison.)
 Tunstall, Harry M., Corpus Christi, Tex. Tongs. 1,645,509; Oct. 11.
 Turner Glass Company. (See Edwards, Wilson D., assignor.)
 Turner Tanning Machinery Company, The. (See Suttis, A. E., and Edgar, assignors.)
 Ullich, H. P., & Co. (See Ullich, Harold E. and W. E., and Rietheimer, assignors.)
 Ullich, Harold E., Larchmont, W. E. Ullich, New York, and R. Rietheimer, Richmond Hill, assignors to H. P. Ullich & Co., New York, N. Y. Necktie-display card. 1,644,963; Oct. 11.
 Ullich, Walter E. (See Ullich, Harold E. and W. E., and Rietheimer.)
 Union Metal Products Company. (See Coutant, George E., assignor.)
 Union Metal Products Company. (See Gilpin, Garth G., assignor.)
 Union Metal Products Company. (See Small, Arthur E., assignor.)
 Union Switch & Signal Company, The. (See Baughman, George W., assignor.)
 Union Switch & Signal Company, The. (See Coleman, John P., assignor.)
 Union Switch & Signal Company, The. (See Hobson, John S., assignor.)
 Union Switch & Signal Company, The. (See O'Hagan, Bernard E., assignor.)
 Union Switch & Signal Company, The. (See Wallace, Herbert A., assignor.)
 United Shoe Machinery Corporation. (See Kelley, H. W., and Wolfe, assignors.)
 United Shoe Machinery Corporation. (See Macdonald, Lester S., assignor.)
 United Shoe Machinery Corporation. (See Molyneux, George E., assignor.)
 United Shoe Machinery Corporation. (See Winkley, E. E., and Davenport, assignors.)
 Universal Milking Machine Co., The. (See Shurts, Englebert, assignor.)
 "Universelle" Cigaretten-Maschinen-Fabrik J. C. Müller & Co. (See Müller Carl W., assignor.)
 University of Tennessee. (See Macdonald, Margaret B., assignor.)
 Urschel, Bertis H., Bowling Green, Ohio. Connector sleeve for telescoping shafts. 1,644,800; Oct. 11.
 Vanderlip, Louis C., Elkhart, Ind. Automobile hood clamp. 1,645,492; Oct. 11.
 Van der Werf, Auke H., assignor to N. V. Maatschappij, Ago, Ter Apel, Netherlands. Treating wood. 1,644,801; Oct. 11.
 Vergara, Juan, Buenos Aires, Argentina. Flushing apparatus. 1,645,264; Oct. 11.
 Vermont, Henry E., Sag Harbor, assignor to Joseph Fahys & Company, New York, N. Y. Watchcase. 1,644,802; Oct. 11.
 Vesta Battery Corporation. (See Angell, Chester M., assignor.)
 Vile, Merwin S., assignor to The Fafnir Bearing Company, New Britain, Conn. Hanger box. 1,645,503; Oct. 11.
 Visking Corporation. (See Henderson, William F., assignor.)
 Voigt, Frederick A., Chicago, Ill. Observation apparatus for vehicles. 1,644,902; Oct. 11.
 Voll, John T., Rochester, N. Y. Arch-supporting shoe. 1,644,762; Oct. 11.
 Von der Heide, Max, Kiel, Germany. Valve-control device. 1,645,311; Oct. 11.
 Von der Heide, Richard, Berlin, Germany. Breathing apparatus. 1,645,312; Oct. 11.

Von Frommer, Rudolf, Budapest, Hungary. Cartridge magazine. 1,645,031; Oct. 11.
 Von Hochstetter, Heinrich, assignor to the Firm Holzverarbeitungsindustrie Aktiengesellschaft, Konstanz, Germany. Making anhydrous salts of fatty acids. 1,645,265; Oct. 11.
 Von Pein, Edward J., assignor, by mesne assignments, to The National Cash Register Company, Dayton, Ohio. Cash register. 1,645,209; Oct. 11.
 Von Platen, Baltzar C. (See Munters, C. G., and von Platen.)
 Vulcan East Company, The. (See Clausen, George, assignor.)
 Waddell, Dean T., executor. (See Waddell, John M.)
 Waddell, John M., deceased; D. T. Waddell, executor, Greenfield, Ohio. Lever-actuating mechanism. 1,644,763; Oct. 11.
 Wagner, George N., Los Angeles, Calif. Circuit-closing device. 1,645,362; Oct. 11.
 Wahlberg, Nils A., Wilkesburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Insulator connector. 1,645,266; Oct. 11.
 Walcott, Frank R. (See McFarland, John H., assignor.)
 Walker, Arthur C., Roanoke, Va. Hand stamp. 1,645,267; Oct. 11.
 Walker, Eugene F., assignor to Pioneer Slaughtering Device Company, Kansas City, Mo. Bleeding appliance. 1,644,698; Oct. 11.
 Walker, Jerome E., Spartanburg, S. C. Segmental fly-wheel gear. 1,645,268; Oct. 11.
 Walker, Robert J. (See Bernon, Maurice L., assignor.)
 Walker, William D., Sacramento, Calif. Casing for dice-throwing machine. Des. 73,626; Oct. 11.
 Walker, William H., Blue Island, assignor to Mackle-Lovejoy Manufacturing Co., Chicago, Ill. Curling iron. 1,645,465; Oct. 11.
 Wallace, Herbert A., Edgewood Borough, assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for transmitting code impulse combinations. 1,645,122; Oct. 11.
 Wallace, William W., Chicago, Ill., assignor to New York Brick Handling Corporation, New York, N. Y. Apparatus for loading brick into box cars. 1,645,363; Oct. 11.
 Wallerstein Company. (See Wallerstein, Leo, assignor.)
 Wallerstein, Leo, assignor to Wallerstein Company, Inc., New York, N. Y. Degumming silk. 1,644,764; Oct. 11.
 Wappler Electric Company. (See Wappler, Reinhold H., assignor.)
 Wappler, Reinhold H., Yonkers, assignor to Wappler Electric Company, Inc., Long Island City, N. Y. Electrode clamp. 1,644,803; Oct. 11.
 Ward, Frederic L., Detroit, Mich. Hydraulic conveyor. 1,644,699; Oct. 11.
 Warner, Percy de F. (See Fenton, Paul E., and Warner.)
 Watson, Harold L., Lynn, Mass., assignor to General Electric Company. Producing high-grade vitreous silica. 1,645,080; Oct. 11.
 Watson, Otto P., Michigan City, Ind., assignor to Reliance Manufacturing Company, Chicago, Ill. Sewing machine. 1,644,700; Oct. 11.
 Watt, William R. H. (See De Armond, W. C., and Watt.)
 Weaver, Levi W., Elmhurst, Ind. Liquid strainer for orchard sprayers. 1,645,364; Oct. 11.
 Wedgewood, Josiah, & Sons, Inc., of America. (See Jones, Edward O., assignor.)
 Welsbaum, Edward J., Cincinnati, Ohio. Necktie clasp. 1,644,863; Oct. 11.
 Weiss, Harry H., Chicago, Ill. Furnace door. 1,645,171; Oct. 11.
 Weiss, Max M., New York, assignor of one-third to F. J. Boehm and one-third to B. Glick, Brooklyn, N. Y. Washing device. 1,644,903; Oct. 11.
 Welch, Harry V., assignor to International Precipitation Company, Los Angeles, Calif. Waterproof cement. 1,644,964; Oct. 11.
 Welch, Harry V., assignor to International Precipitation Company, Los Angeles, Calif. Waterproof plastic Portland cement and composition and making the same. 1,644,965; Oct. 11.
 Wellman Company. (See McGowan, Peter J., assignor.)
 Wenham, Douglas. (See Murphy, G. O., and Wenham.)
 Weski, Oskar, Berlin, Germany. Pressure bottle. 1,644,966; Oct. 11.
 Wesp, George, assignor to Rosenthal China Corporation, New York, N. Y. Plate or similar article. Des. 73,627; Oct. 11.
 West, Maxwell A., Portland, Oreg. Loading jack. 1,644,904; Oct. 11.
 Western Electric Company. (See Harrison, Henry C., assignor.)
 Western Electric Company. (See Kuhn, J. J., and Betts, assignors.)
 Western Electric Company. (See Moore, Charles R., assignor.)
 Western Electric Company. (See Nordenswan, R., and Curtis, assignors.)
 Western Electric Company. (See Shackleton, William J., assignor.)
 Western Electric Company. (See Wilson, Ira G., assignor.)
 Westinghouse Air Brake Company, The. (See Dean, William E., assignor.)

Westinghouse Electric & Manufacturing Company. (See Alben, Frank L., assignor.)
 Westinghouse Electric & Manufacturing Company. (See Burns, James A., assignor.)
 Westinghouse Electric & Manufacturing Company. (See Goldsborough, T. R., and Eschholz, assignors.)
 Westinghouse Electric & Manufacturing Company. (See Hague, Floyd T., assignor.)
 Westinghouse Electric & Manufacturing Company. (See Hanna, Clinton R., assignor.)
 Westinghouse Electric & Manufacturing Company. (See Legg, Joseph W., assignor.)
 Westinghouse Electric & Manufacturing Company. (See Little, D. G., and Davis, assignors.)
 Westinghouse Electric & Manufacturing Company. (See MacNeill, John B., assignor.)
 Westinghouse Electric & Manufacturing Company. (See Monkhous, Allan, assignor.)
 Westinghouse Electric & Manufacturing Company. (See Mottlau, August J., assignor.)
 Westinghouse Electric & Manufacturing Company. (See Nymann, A., and Conrad, assignors.)
 Westinghouse Electric & Manufacturing Company. (See Palmer, Granville E., assignor.)
 Westinghouse Electric & Manufacturing Company. (See Reid, Thomas A., assignor.)
 Westinghouse Electric & Manufacturing Company. (See Rodman, Clarence J., assignor.)
 Westinghouse Electric & Manufacturing Company. (See Rüdenberg, Reinhold, assignor.)
 Westinghouse Electric & Manufacturing Company. (See Singer, K., Paschen, and Reime, assignors.)
 Westinghouse Electric & Manufacturing Company. (See Slepian, Joseph, assignor.)
 Westinghouse Electric & Manufacturing Company. (See Slepian, J., and Hanna, assignors.)
 Westinghouse Electric & Manufacturing Company, The. (See Sutherland, Ernest E., assignor.)
 Westinghouse Electric & Manufacturing Company. (See Trotter, Henry R., assignor.)
 Westinghouse Electric & Manufacturing Company. (See Wahlberg, Nils A., assignor.)
 Westinghouse Electric & Manufacturing Company. (See Wood, Joseph K., assignor.)
 Westinghouse Lamp Company. (See Fredenburgh, Mark N., assignor.)
 Westinghouse Union Battery Company, The. (See Norris, Paul E., assignor.)
 Westlake, Albert, New York, N. Y. Galley-stove tongs. 1,645,466; Oct. 11.
 Weston, Sydney F., London, England, assignor to The Babcock & Wilcox Company, Bayonne, N. J. Boiler-gauge glass. 1,644,864; Oct. 11.
 Wettrich, George S., Pontiac, Mich. Calipers. 1,644,967; Oct. 11.
 Weyers, Howard L., assignor to Auto Wheel Coaster Company, Inc., North Tonawanda, N. Y. Steering mechanism for vehicles. 1,645,409; Oct. 11.
 Whaley Engine Patents, Inc. (See Whaley, William B. S., assignor.)
 Whaley, William B. S., New York, N. Y., assignor to Whaley Engine Patents, Inc. Operating constant-pressure internal-combustion engines. 1,645,169; Oct. 11.
 Whaley, William B. S., New York, N. Y., assignor to Whaley Engine Patents, Inc. Internal-combustion engine. 1,645,170; Oct. 11.
 Whitcomb, Elwood S., Melrose Highlands, Mass. Combined golf tee and score card. 1,644,804; Oct. 11.
 White & Comyn, Limited. (See Comyn, Bernard D., assignor.)
 White, James F., Indianapolis, Ind. Trailer. 1,645,467; Oct. 11.
 White, William G., Vesta, Wash. Log bunk. 1,645,082; Oct. 11.
 Whiteside, Sidney B., New York, N. Y. Ice-cream-can tongs. 1,644,905; Oct. 11.
 Wicks, John, Oak Park, assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill. Measured-service telephone system. 1,644,968; Oct. 11.
 Wiggins, John H., Bartlesville, Okla. Storage tank for gases and volatile liquids. 1,645,313; Oct. 11.
 Wilhite, Harriet A., Indianapolis, Ind. Self skirt marker and pin tray. 1,645,410; Oct. 11.
 Wilke, Alfred H., Boise, Idaho. Egg meter. 1,645,468; Oct. 11.
 Willans, Peter W., Pattishall, Towcester, England. Frame aerial and the like. 1,644,906; Oct. 11.
 Williams, Dayton L., assignor to The Goodyear Tire & Rubber Company, Akron, Ohio. Tire-building tool. 1,645,081; Oct. 11.
 Williams, Edward T., Brooklyn, N. Y. Refrigerating apparatus. 1,645,314; Oct. 11.
 Williams, Fred W., Santa Maria, Calif. Multiple fuse plug. 1,644,969; Oct. 11.
 Williamson, Russell B., White Fish Bay, Wis., assignor to A. S. Madala. Mail box. Des. 73,628; Oct. 11.
 Willys-Overland Company, The. (See Edwards, Henry J., assignor.)
 Willys-Overland Company, The. (See Hunt, Warren T., assignor.)
 Wilson, Bingham T., Los Angeles, Calif., assignor to Wilson Farm Tool Corporation. Swinging plow. 1,644,970; Oct. 11.

Wilson, Ezekiel J., East Greenbush, assignor to F. C. Huyck & Sons, Rensselaer, N. Y. Fulfilling mill. 1,645,210; Oct. 11.
 Wilson Farm Tool Corporation. (See Wilson, Bingham T., assignor.)
 Wilson, Ira G., Brooklyn, assignor to Western Electric Company, Incorporated, New York, N. Y. Electrical-disturbance-eliminating system. 1,645,174; Oct. 11.
 Wilson, James S., et al. (See Murphy, Robert N., assignor.)
 Wilson, John H., Burkburnett, Tex. Power take-off for tractors. 1,644,765; Oct. 11.
 Wilson, Robert A., assignor to The Guberson Corporation, Dallas, Tex. Box and pin coupling. 1,645,032; Oct. 11.
 Wilson, Vernon M., Benkelman, Nebr. Clutch for spring motors. 1,645,269; Oct. 11.
 Winckler, Aage E., Milwaukee, Wis. Controller pedal for transmissions. 1,644,805; Oct. 11.
 Winkley, Erastus E., Lynn, and H. A. Davenport, Brockton, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J. Manufacture of shoes. 1,644,971; Oct. 11.
 Winogradoff, Alexander, New York, assignor to Improved Office Partition Co., Elmhurst, Long Island, N. Y. Fire-resistant fibrous material and producing the same. 1,645,172; Oct. 11.
 Winogradoff, Alexander, New York, assignor to Improved Office Partition Co., Elmhurst, Long Island, N. Y. Liquid mixture for use in treating combustible fibrous materials to render them fire resistant. 1,645,173; Oct. 11.
 Winter, Henry, Buffalo, N. Y. Bottle. Des. 73,629; Oct. 11.
 Winters, Bird L. (See Winters, Robert E., assignor.)
 Winters, Robert E., Cleveland, Ohio, assignor to B. L. Winters, Sewickley, Pa. Friction-speed-changing mechanism. 1,645,270; Oct. 11.
 Wired Radio, Inc. (See Steinberger, L., and Hill, assignors.)
 Wismar, Albert D., Bowling Green, assignor to Pelican Toy Company, Toledo, Ohio. Toy balloon novelty. Des. 73,630; Oct. 11.
 Witbeck, Desford, assignor to George V. Steffens Company, St. Louis, Mo. Motor-car trunk. 1,644,806; Oct. 11.
 Witkowski, James J., Albion, N. Y. Battery connector. 1,645,033; Oct. 11.
 Wittke Manufacturing Co. (See Tetzlaff, Benjamin A., assignor.)
 Wolbert, Edwy E., Concrete, Wash. Gate. 1,645,365; Oct. 11.
 Wolf, Frank C., Los Angeles, Calif. Milk-bottle filler. 1,645,034; Oct. 11.
 Wolfe, William D. (See Kelley, H. W., and Wolfe.)
 Wolter, Herman H., assignor to The Miller Company, Meriden, Conn. Lantern. Des. 73,631; Oct. 11.

Wolter, Herman H., assignor to The Miller Company, Meriden, Conn. Combined lighting fixture ring and support. Des. 73,632; Oct. 11.
 Wood, Joseph K., New York, N. Y., assignor to Westinghouse Electric & Manufacturing Company. Flexible element. 1,645,510; Oct. 11.
 Woolsey, Charles A., and H. V. Bowman, Minneapolis, assignors to Northwestern Collapsible Carrier Co., St. Paul, Minn. Crate. 1,644,865; Oct. 11.
 Workman, Ellison E. (See Robinson, Edward A., assignor.)
 Worth, Jacques, Paris, France. Combined bottle and holder therefor. Des. 73,594; Oct. 11.
 Worthington Pump and Machinery Corporation. (See Grace, John F., assignor.)
 Worthington Pump and Machinery Corporation. (See Jorgensen, Olav E., assignor.)
 Worthington Pump and Machinery Corporation. (See Lupfer, James A., assignor.)
 Worthington Pump and Machinery Corporation. (See Sabharoff, Alexander V., assignor.)
 Wright, J. T., Company, The. (See Wright, Joseph T., assignor.)
 Wright, Joseph T., assignor to The J. T. Wright Company, Cincinnati, Ohio. Lubricant control for transmissions. 1,645,504; Oct. 11.
 Young, Charles W., and J. H. Diggett, Goodyear, Conn., assignors to The Goodyear Tire & Rubber Company, Akron, Ohio. Automatic doff latch. 1,645,083; Oct. 11.
 Young, Stephen L., Syracuse, N. Y. Leaf-spring cover or wrapper. 1,645,493; Oct. 11.
 Zachry, Walter H. (See Keener, Charles M., assignor.)
 Zahodiakin, Victor F., Norwood, assignor of one-third to J. A. Scanlon, trustee, Cincinnati, Ohio. Internal-combustion engine. 1,644,907; Oct. 11.
 Zahodiakin, Victor F., Norwood, assignor of one-third to J. A. Scanlon, trustee, Cincinnati, Ohio. Automatic rotary-valve clearance regulator for internal-combustion engines. 1,644,908; Oct. 11.
 Zeal, Herbert H., Clerkenwell, London, England. Thermometer. 1,645,211; Oct. 11.
 Zeldler, William A., assignor to Hurlburt Research Corporation, New York, N. Y. Scissors. 1,645,035; Oct. 11.
 Zeigler, Charles D., St. Paul, Minn. Christmas-tree holder. 1,644,807; Oct. 11.
 Zeltner, Jakob, Lorch, Germany. Water tower for firefighting purposes. 1,644,972; Oct. 11.
 Zeratsky, August W., and W. V. Kidder, La Crosse, Wis. Air-supply connection for carburetors. 1,644,766; Oct. 11.
 Zimmermann, Hans J., Cleveland, assignor to E. W. Beldier, trustee, Elyria, Ohio. Electrical plug. 1,644,767; Oct. 11.
 Zlock, Edward J., Rockford, Ill. Singeing apparatus. 1,644,808; Oct. 11.

ALPHABETICAL LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 11TH DAY OF OCTOBER, 1927.

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice). Includes patents, reissues, and designs.

Abrasive sheet material. G. E. Behr, jr. 1,645,037; Oct. 11.
 Acid from phthalic anhydride, Producing benzoic. C. Conover. 1,645,180; Oct. 11.
 Acoustic device. C. R. Moore. 1,644,788; Oct. 11.
 Advertising device. C. L. Kee. 1,645,195; Oct. 11.
 Aerial and the like, Frame. P. W. Williams. 1,644,906; Oct. 11.
 Aeroplane propellers, Driving means for. A. Nosan. 1,645,154; Oct. 11.
 Aeroplane runway. A. H. Ballard. 1,645,494; Oct. 11.
 Aeroplanes, Adjustable wing structure for. A. Nosan. 1,645,153; Oct. 11.
 Air-cooled engine. G. E. A. Hallett. 1,644,722; Oct. 11.
 Aircraft, Balancing system for. J. P. Tarbox. 1,644,758; Oct. 11.
 Air liberator, Warm. H. C. Heinle, jr. 1,644,920; Oct. 11.
 Airship. A. E. Henderson. 1,645,237; Oct. 11.
 Airships, Ballast recoverer for. H. R. Liebert and W. Fischer. 1,645,085; Oct. 11.
 Air supply, Apparatus for regulating. J. H. Reineke. 1,645,350; Oct. 11.
 Alarm: See—
 Hold-up alarm.
 Alarm and detector, Fire. H. Pradas. 1,644,949; Oct. 11.
 Alloy, Resistance. T. C. Fuller. 1,645,099; Oct. 11.
 Alloys, Lead-cadmium. W. Friedrich. 1,645,098; Oct. 11.
 Alloys, Preparing low-carbon. V. B. Browne. 1,645,126; Oct. 11.
 Aluminum chloride, Apparatus for purifying and solidifying. C. W. Humphrey and D. S. McKittrick. 1,645,144; Oct. 11.
 Aluminum chloride, Purifying. C. W. Humphrey and D. S. McKittrick. 1,645,143; Oct. 11.
 Aluminum chloride, Solidifying. C. W. Humphrey and D. S. McKittrick. 1,645,142; Oct. 11.
 Amplifier and self-modulator, Magnetic. J. Slepian. 1,645,301-2; Oct. 11.
 Amplifying and detecting tube. H. P. Stuart. 1,644,796; Oct. 11.
 Amusement device. W. E. Callison. 1,645,370; Oct. 11.
 Anhydrous salts of fatty acids, Making. H. van Hochstetter. 1,645,265; Oct. 11.
 Animal trap. A. Brzykcy. 1,645,225; Oct. 11.
 Animal trap. M. G. Moore. 1,645,444; Oct. 11.
 Armature. P. J. Fitzgerald. 1,644,718; Oct. 11.
 Arranging device, Article. J. S. Hardiman. 1,644,990; Oct. 11.
 Artificial limb. O. H. Erickson. 1,644,822; Oct. 11.
 Auger stems, spiral bits, and spiral substitutes, Making spiral. F. H. Leidecker. Ref. 6,765; Oct. 11.
 Auto body construction, Separable. G. E. Goddard. 1,644,828; Oct. 11.
 Autographic register. J. Q. Sherman. 1,644,953; Oct. 11.
 Automobile brake mechanism. E. Garcia. 1,644,871; Oct. 11.
 Automobile can holder. C. W. Beck. 1,644,665; Oct. 11.
 Automobile chassis-greasing preparation. G. G. Fairchild. 1,645,097; Oct. 11.
 Automobile lock. O. S. Hershey. 1,644,922; Oct. 11.
 Automobile lock. O. S. Hershey. 1,645,382; Oct. 11.
 Automobile visor. R. F. Anderson. 1,644,662; Oct. 11.
 Automobile wheels, Power take-off shaft for. E. Purzner. 1,645,401; Oct. 11.
 Automobiles, Brake mechanism for. E. D. Brown. 1,645,124; Oct. 11.
 Automobiles, Foldable sun shade for. J. W. Collier. 1,645,416; Oct. 11.
 Axle construction, Drive. L. Blackmore. 1,644,707; Oct. 11.
 Bag: See—
 Fruit-picker's bag.
 Bagasse, Process and apparatus for treating. H. Istelli. 1,645,242; Oct. 11.
 Bands or belts in motion, Apparatus for guiding flexible. M. Landraud. 1,644,927; Oct. 11.
 Barrel, Core. J. T. Phipps. 1,644,947; Oct. 11.
 Batteries, Making storage. C. W. Hazelett. 1,645,424; Oct. 11.
 Battery connector. J. J. Witkowski. 1,645,033; Oct. 11.
 Battery-plate-filling machine. C. M. Angell. 1,644,659; Oct. 11.
 Bearing, Ball. B. Okner. 1,645,345; Oct. 11.
 Bearing, Connecting-rod. V. E. Ankarlo. 1,644,974; Oct. 11.
 Bed, Tourist's combination. F. Ness. 1,644,852; Oct. 11.
 Belt and loop fastener used in connection with the same. E. S. Mix. 1,644,845; Oct. 11.
 Bellows, Making metallic. H. B. Fay. 1,644,823; Oct. 11.
 Benzanthrone derivatives containing sulphur, Manufacture of. H. Neresheimer and H. Emmer. 1,644,851; Oct. 11.
 Beverage-dispensing apparatus. L. W. Hassensall. 1,645,000; Oct. 11.
 Bib pocket. S. A. Sweet. 1,645,502; Oct. 11.
 Bleeding appliance. E. F. Walker. 1,644,698; Oct. 11.
 Block: See—
 Electrical connection block. Sheave block.
 Hat block.
 Bloomers, Ladies' and children's. E. G. Blberman. 1,645,369; Oct. 11.
 Board: See—
 Plotting board.
 Boat. W. A. Hickman. 1,644,725; Oct. 11.
 Boller: See—
 Water-tube boiler.
 Boiler cleaner. N. L. Snow. 1,645,307; Oct. 11.
 Boiler-gauge glass. S. F. Weston. 1,644,864; Oct. 11.
 Bolters, Adjustable support for range. L. E. Koontz. 1,645,197; Oct. 11.
 Book, Loose-leaf. C. L. and W. S. Engel. 1,644,772; Oct. 11.
 Books, Holder for manfolding. E. K. Bottle. 1,645,177; Oct. 11.
 Booth, Portable. H. H. Clark. Des. 73,598; Oct. 11.
 Boots, Calk attachment for. J. Michelson. 1,645,111; Oct. 11.
 Boring machine, Overhead. R. H. Henderson. 1,644,831; Oct. 11.
 Bottle. H. Winter. Des. 73,629; Oct. 11.
 Bottle and holder therefor, Combined. J. Worth. 73,594; Oct. 11.
 Bottle filler, Milk. F. C. Wolf. 1,645,034; Oct. 11.
 Bottle holder, Milk. B. Bardax. 1,645,274; Oct. 11.
 Bottle, Pressure. O. Weski. 1,644,966; Oct. 11.
 Bottles, Method relating to the manufacture of rubber water. H. A. Hands. 1,644,829; Oct. 11.
 Bottles or jars, Closure for. A. W. and G. W. Booth. 1,645,316; Oct. 11.
 Box: See—
 Hanger box. Talcum-powder box.
 Suction box. Vanity box.
 Box. J. G. Lander. 1,644,782; Oct. 11.
 Box and making the same. R. I. Rhodes. 1,645,403; Oct. 11.
 Box and pin coupling. R. A. Wilson. 1,645,032; Oct. 11.
 Bracelet and the like, Flexible and expansible. A. L. Newman. 1,645,394; Oct. 11.
 Brackets, Blank for bracing. J. F. Southgate. 1,644,899; Oct. 11.
 Brake: See—
 Fluid-operated brake.
 Brake-beam-supporting means. A. W. Hawkins. 1,644,880; Oct. 11.
 Brake beams and assembling same, Auxiliary support and guard for. E. G. Busse. 1,644,871; Oct. 11.
 Braking apparatus, Railway. J. P. Coleman. 1,644,771; Oct. 11.
 Breathing apparatus. R. von der Heide. 1,645,312; Oct. 11.
 Brick into box cars, Apparatus for loading. W. W. Wallace. 1,645,363; Oct. 11.
 Broom and making same. R. A. Marr. 1,644,738; Oct. 11.
 Brushes, Material for commutator. F. C. Atkinson. 1,644,703; Oct. 11.
 Buckle. A. A. Goldstein. 1,644,720; Oct. 11.
 Buffer, Automobile door. J. Ledwinka. 1,644,681; Oct. 11.
 Buffer for automobile doors. J. Ledwinka. 1,644,679; Oct. 11.
 Buffering device. W. L. Goodstein. 1,645,047; Oct. 11.
 Building construction. A. Grossinger. 1,644,996; Oct. 11.
 Building pile. L. Pierce. 1,645,398; Oct. 11.
 Bumper, Pneumatic. W. Jerrae. 1,645,056; Oct. 11.
 Burial vault. C. M. Johnson. Des. 73,609; Oct. 11.
 Burner: See—
 Oil burner.
 Burner. G. W. Bartlett. 1,645,222; Oct. 11.
 Burner. C. J. Rodman. 1,645,294; Oct. 11.
 Cabinet. T. A. Edison. 1,644,670; Oct. 11.

Cabinet, Commodity. J. H. Boye. 1,645,218; Oct. 11.
 Cabinet construction and building the same. L. G. Cope-
 man. 1,644,988; Oct. 11.
 Cabinet for type. P. C. Muse. 1,645,445; Oct. 11.
 Cabinet, Portable wall. R. P. King. 1,645,058; Oct. 11.
 Cake pan. M. A. Guyer. 1,645,235; Oct. 11.
 Calcium salts of inositol phosphoric acid. Manufacture of.
 A. Gams and M. Girard. 1,645,233; Oct. 11.
 Calculating apparatus. O. C. F. King. 1,645,009;
 Oct. 11.
 Calculating machine. E. C. Schinke. 1,644,897; Oct. 11.
 Calendering machines, Doctor-operating mechanism for.
 J. A. Frossard and G. Lamoureux. 1,644,917; Oct. 11.
 Calendering machines, Roller for. G. L. Doerr.
 1,644,819; Oct. 11.
 Callipers. G. S. Wettlich. 1,644,967; Oct. 11.
 Can: See—
 Metal can. Sanitary waste can.
 Can closure. L. R. Morgan. 1,644,939; Oct. 11.
 Can-drying attachment. J. M. Mothersall. 1,645,005;
 Oct. 11.
 Can-testing machine, Automatic. J. H. O'Neill. 1,645,018;
 Oct. 11.
 Candlestick, Combination. A. H. Jones. 1,645,193;
 Oct. 11.
 Candy box. F. J. Schleicher. Des. 73,623; Oct. 11.
 Caoutchouc, Vulcanizing. C. W. Bedford. 1,645,084;
 Oct. 11.
 Cap and package. A. Podel. 1,645,022; Oct. 11.
 Car and container, Transportation. A. H. Smith.
 1,645,259; Oct. 11.
 Car coupler. J. W. Smith. 1,645,459; Oct. 11.
 Car-coupler-positioning device. A. H. Small. 1,645,205;
 Oct. 11.
 Car roof. W. D. Thompson. 1,645,078; Oct. 11.
 Cars, Corrugated end wall for railway. G. E. Contant.
 1,645,182; Oct. 11.
 Cars, Corrugated structure for railway. G. G. Gilpin.
 1,645,190; Oct. 11.
 Cars, Elastic trailer for motor. H. D. Hallenberg and A.
 F. Hynninen. 1,645,484; Oct. 11.
 Cars, Indicator for railroad. F. M. Ginger. 1,645,133;
 Oct. 11.
 Cars, Placard holder for tank. E. A. Fall. 1,644,774;
 Oct. 11.
 Carbon, Method and apparatus for producing. C. Mat-
 lock. Re16,765; Oct. 11.
 Carbon-removing implement. S. Ling. 1,645,435; Oct. 11.
 Carburetor. A. Moorhouse. 1,645,341; Oct. 11.
 Carburetors, Air-supply connection for. A. W. Zeratsky
 and W. V. Kidder. 1,644,766; Oct. 11.
 Card holder. A. S. Mitchell. 1,645,250; Oct. 11.
 Card holder, License. N. J. Churnus. 1,645,229; Oct. 11.
 Cardline. D. W. Hawksworth. 1,644,674; Oct. 11.
 Cardline-reinforcement and load-lifting arrangement. C. D.
 Bonsall. 1,645,217; Oct. 11.
 Carrier: See—
 Dispatch carrier. Sheaf carrier.
 Carrying bag. M. A. Myers. Des. 73,619; Oct. 11.
 Cartrons, Machine for making. S. H. Goldberg and W. H.
 Hermsdorf. 1,645,135; Oct. 11.
 Cartridge magazine. R. Von Frommer. 1,645,031; Oct. 11.
 Carving machine, Wood. D. B. Salstrom. 1,644,952;
 Oct. 11.
 Case: See—
 Display case. Watchcase.
 Vanity case.
 Cash register. E. J. Von Pein. 1,645,209; Oct. 11.
 Casing coupler. C. M. Claypoole and A. J. Eshenbaugh.
 1,645,042; Oct. 11.
 Casing elevator. G. Krell. Re16,771; Oct. 11.
 Casing from wells, Device for recovering. M. M. Kinley.
 1,645,010; Oct. 11.
 Cement, Waterproof. H. V. Welch. 1,644,964; Oct. 11.
 Centering device. F. L. Alben. 1,645,271; Oct. 11.
 Chair: See—
 Therapeutic chair.
 Chair support. F. E. Hunter and H. L. Hooper. 1,644,924;
 Oct. 11.
 Chemical reactions with liquids, Carrying out. E. H.
 Leslie and B. R. Tunison. 1,644,736; Oct. 11.
 Chocolate, Machine for casting. J. J. Jensen. 1,645,505;
 Oct. 11.
 Christmas-tree holder. C. D. Zeigler. 1,644,807; Oct. 11.
 Cigar-bunch machine. R. R. Kitchel and J. E. Mullan.
 1,645,012; Oct. 11.
 Cigarette case or similar article. P. D. McKeon. Des.
 73,616; Oct. 11.
 Cigarette machines, Feeding mechanism for. C. W.
 Muller. 1,645,067; Oct. 11.
 Circuit-breaker device. W. E. Dean. 1,644,669; Oct. 11.
 Circuit, By-pass selector. E. Jacobsen. 1,644,727;
 Oct. 11.
 Circuit-closing device. G. N. Wagner. 1,645,362; Oct. 11.
 Circuit interrupter. G. E. Palmer. 1,645,292; Oct. 11.
 Circuit-interrupter system. J. W. Legg. 1,645,286;
 Oct. 11.
 Circuits, Transformer. W. J. Shackleton. 1,645,165;
 Oct. 11.
 Clamp: See—
 Combination clamp. Hood clamp.
 Electrode clamp.
 Clamping mechanism, Rail. A. E. Norris. 1,644,942;
 Oct. 11.

Clasp: See—
 Necktie clasp
 Cleaner: See—
 Boiler cleaner. Plaster cleaner.
 Dairy-equipment cleaner. Table cleaner.
 Cleaning machine. J. Carroll. 1,645,317; Oct. 11.
 Cleansing comb. V. P. Carter. 1,645,318; Oct. 11.
 Closet structure, Integral. W. C. Fain. 1,644,716;
 Oct. 11.
 Clothes drier. J. Bunyan. 1,645,179; Oct. 11.
 Clotheslines, Adjustable bracket for. H. S. Leggett.
 1,645,334; Oct. 11.
 Clothespin. G. Brady. 1,645,220; Oct. 11.
 Clutch. A. Taub. 1,644,759; Oct. 11.
 Coating, Machine for deposition of. R. G. Fordyce.
 1,644,993; Oct. 11.
 Code impulse combinations, Apparatus for transmitting
 H. A. Wallace. 1,645,122; Oct. 11.
 Collapsible case. G. A. Bender. 1,644,909; Oct. 11.
 Collar. H. M. Leabe. 1,645,431; Oct. 11.
 Collar, Set-screwless. M. R. Schall. 1,645,457; Oct. 11.
 Comb: See—
 Cleansing comb. Fountain comb.
 Comb holder, Combination. E. J. Harkness. 1,645,138;
 Oct. 11.
 Combination clamp. E. R. Thomas. 1,645,463; Oct. 11.
 Combination light. W. Harling. 1,645,487; Oct. 11.
 Composing frame and color chart, Artist's. E. W. Greac-
 en. 1,645,102; Oct. 11.
 Composition of matter and forming same. M. Darrin.
 1,644,711; Oct. 11.
 Concentrator table. A. H. Stebbins. 1,644,753; Oct. 11.
 Condensing apparatus. F. G. Grell. 1,645,481; Oct. 11.
 Confections, Method and apparatus for making. E.
 Sprague, Jr. 1,645,260; Oct. 11.
 Conical diaphragm, Apparatus for making. C. L.
 Farrand and E. Ross. 1,645,508; Oct. 11.
 Connecting rod. J. Stumpf. 1,644,756; Oct. 11.
 Console table. O. B. Bach. Des. 73,595; Oct. 11.
 Console table. A. S. Katz. Des. 73,611-12; Oct. 11.
 Container. J. Eckart. 1,644,821; Oct. 11.
 Container. M. Schwartz. 1,645,163; Oct. 11.
 Container, Draining and dumping. A. D. Brune.
 1,644,977; Oct. 11.
 Container for first-aid kits. A. E. Henderson. 1,644,830;
 Oct. 11.
 Containers, Display cover for. H. G. Kuck. 1,644,734;
 Oct. 11.
 Containers, Holder for. M. B. Nash. 1,645,392; Oct. 11.
 Containers, Screw cap for. G. E. Tornio. 1,644,697;
 Oct. 11.
 Contraction joint. T. De La Mare. 1,644,914; Oct. 11.
 Controlling mechanism. M. P. Holmes. 1,645,004; Oct.
 11.
 Conveyor, Hydraulic. F. L. Ward. 1,644,699; Oct. 11.
 Conveyor press. J. C. Ledbetter. 1,644,928; Oct. 11.
 Cooker sweep. S. J. Ellis. 1,644,878; Oct. 11.
 Corn huskers, Gear case for. T. H. Oppenheim and
 B. Seihorst. 1,645,252; Oct. 11.
 Corkscrew, Collapsible. P. Mertens. 1,644,936; Oct. 11.
 Cotton during spinning operations, Device for distin-
 guishing different sorts of. J. Laufer. 1,645,432;
 Oct. 11.
 Cotton pickers, Automatic knock-off for. O. Brown.
 1,645,412; Oct. 11.
 Counterbalancing device. H. G. Pederson. 1,645,254;
 Oct. 11.
 Coupling: See—
 Box and pin coupling.
 Covers or closures, Implement for removing. C. A.
 MacIntosh. 1,645,107; Oct. 11.
 Craft propulsion means. J. V. Martin. 1,644,787; Oct.
 11.
 Crate. C. A. Woosley and H. V. Bowman. 1,644,865;
 Oct. 11.
 Cultivator. R. H. Griffith. 1,645,422; Oct. 11.
 Cultivator. J. M. Moyer and H. C. Hoford. 1,645,507;
 Oct. 11.
 Cultivator hopple. L. C. Summers. 1,644,757; Oct. 11.
 Cup or similar article. U. Hagmann. Des. 73,607; Oct.
 11.
 Curling iron. W. H. Walker. 1,645,465; Oct. 11.
 Curling iron, Holder for a. J. R. McGranighan. Des.
 73,617; Oct. 11.
 Current collector. J. and R. Lusse. 1,645,437; Oct. 11.
 Current from direct-current generators, Apparatus for
 controlling the flow of. S. W. Mann. 1,645,150; Oct.
 11.
 Current generator system, Direct. S. W. Mann.
 1,645,149; Oct. 11.
 Current-limiting device. J. Slepian. 1,645,300; Oct. 11.
 Current motor. J. H. Hardcastle. 1,645,486; Oct. 11.
 Curtain stretcher. A. W. Knittel. 1,645,245; Oct. 11.
 Cushions, Manufacturing fabric-covered. M. S. Lower.
 1,645,248; Oct. 11.
 Cut-out, Electrical. H. V. M. Fell. 1,645,476; Oct. 11.
 Cutting machine. F. Consoli. 1,645,181; Oct. 11.
 Cylinder head, High-power. O. F. Halbe. 1,645,423;
 Oct. 11.
 Dairy-equipment cleaner. E. Shurts. 1,645,356; Oct. 11.
 Dental bridgework, Removable locking. A. Moore.
 1,645,340; Oct. 11.
 Diaphragm and making same. C. Messick. 1,645,110;
 Oct. 11.

Dice-throwing machine, Casing for. W. D. Walker. Des.
 73,626; Oct. 11.
 Die-casting machine. G. A. Theobald and T. A. Olson.
 1,645,167; Oct. 11.
 Direction indicator for vehicles. A. Müller. 1,644,847;
 Oct. 11.
 Direction indicator for vehicles. J. S. Santiago.
 1,645,454-6; Oct. 11.
 Dishwashing machine. N. W. Cease. 1,645,227; Oct. 11.
 Dispatch carrier, Pneumatic. E. C. Bengel. 1,645,495;
 Oct. 11.
 Display apparatus. T. A. Lewis. 1,645,335; Oct. 11.
 Display card, Necktie. H. E. and W. E. Ulrich and
 K. Rietheimer. 1,644,963; Oct. 11.
 Display case. W. T. Huening. 1,644,675; Oct. 11.
 Display stand. J. B. Pontikis. 1,645,399; Oct. 11.
 Dockage tester. C. W. Carter. 1,644,872; Oct. 11.
 Doll. B. Goldenberg. 1,644,827; Oct. 11.
 Doll with movable limbs. B. K. Christiansen. 1,645,228;
 Oct. 11.
 Dolls and parts thereof from cellulose derivatives, Manu-
 facture of. A. Beyler. 1,645,275; Oct. 11.
 Door catch. W. H. L. Delmer. 1,645,234; Oct. 11.
 Door fastening. H. Sakallan. 1,645,352; Oct. 11.
 Door for automobile bodies. J. Ledwinka. 1,644,680;
 Oct. 11.
 Door, furnace. H. H. Weiss. 1,645,171; Oct. 11.
 Door-operating mechanism. A. E. Thomas. 1,645,168;
 Oct. 11.
 Door stop and holder. W. P. Doolittle. 1,645,186;
 Oct. 11.
 Drier: See—
 Clothes drier. Tunnel drier.
 Rotary drier.
 Drying material. J. E. Alexander. 1,645,366; Oct. 11.
 Dyeing acidyl celluloses. P. Rabe and W. Schepss.
 1,645,450-1; Oct. 11.
 Educational device. M. Kahn. 1,645,008; Oct. 11.
 Egg-case filler. J. F. Schloemer. 1,644,898; Oct. 11.
 Egg meter. A. K. Wilke. 1,645,468; Oct. 11.
 Elastic webbing. G. E. Clauss. 1,644,667; Oct. 11.
 Elastic webbing. G. E. Clauss. 1,644,816; Oct. 11.
 Electric furnace. V. J. Chapman. 1,645,091; Oct. 11.
 Electric furnace. J. A. Seede. 1,645,074; Oct. 11.
 Electric furnace. C. Steenstrup. 1,645,119; Oct. 11.
 Electric-iron cord holder. W. G. Auenast. 1,644,661;
 Oct. 11.
 Electric-light fixture. G. B. Kurtzen. 1,644,926;
 Oct. 11.
 Electric machine, Dynamo. R. Pohl. 1,645,070; Oct. 11.
 Electric machines, Ventilation of dynamo. G. Lawinnek.
 1,645,064; Oct. 11.
 Electric motor, Inclosed and ventilated. C. L. Daun and
 P. E. Keller. 1,645,496; Oct. 11.
 Electric press. A. R. Braun. 1,644,911; Oct. 11.
 Electric switch. H. J. H. Huber. 1,645,055; Oct. 11.
 Electric switch. A. M. Kinney. 1,645,387; Oct. 77.
 Electric switch. A. H. Nero. 1,645,393; Oct. 11.
 Electric switch. E. L. Opperman. 1,645,019; Oct. 11.
 Electric switch. B. A. Teitzaff. 1,644,797; Oct. 11.
 Electric switch, Thermostatically-operated. R. W. Mc-
 Brien. 1,645,201; Oct. 11.
 Electrical apparatus. B. E. O'Hagan. 1,645,251; Oct. 11.
 Electrical connection block. J. Sachs. 1,645,453; Oct. 11.
 Electrical-disturbance-eliminating system. I. G. Wilson.
 1,645,174; Oct. 11.
 Electrical fuse. G. C. O'Brien. 1,645,344; Oct. 1.
 Electrical plug. H. J. Zimmermann. 1,644,767; Oct. 11.
 Electricity meter. K. Singer, P. Paschen, and G. Reime.
 1,645,299; Oct. 11.
 Electrode and making the same, Dry-cell. K. H. W.
 Ramsay. 1,644,746; Oct. 11.
 Electrode clamp. R. H. Wappler. 1,644,803; Oct. 11.
 Electrolytic rectifier. L. P. Bensing. 1,645,085; Oct. 11.
 Electromagnetic device. R. Nordenswan and A. S. Curtis.
 1,644,789; Oct. 11.
 Electron tube. H. M. Plingen. 1,644,744; Oct. 11.
 Elevator: See—
 Casing elevator.
 Elevator-position indicator. C. W. Bassett. 1,644,866;
 Oct. 11.
 Elevators, Control system for electric. E. W. Seeger.
 1,645,075; Oct. 11.
 Engine: See—
 Air-cooled engine. Reciprocating engine.
 Internal-combustion engine.
 Engine, Cylinder of internal-combustion. T. Thornycroft.
 1,644,860; Oct. 11.
 Engine-cylinder-scavenging mechanism. H. A. Gehres.
 1,644,777; Oct. 11.
 Engine starter, Gas. P. E. Mack. 1,644,932; Oct. 11.
 Engines, Automatic ignition-control device for. D. J.
 Baas. 1,644,810; Oct. 11.
 Engines, Automatic rotary-valve clearance regulator for
 internal-combustion. V. F. Zahodjakin. 1,644,908;
 Oct. 11.
 Engines, Cooling system for gas. H. J. Edwards.
 1,645,188; Oct. 11.
 Engines, Cooling system for the crank cases of internal-
 combustion. J. P. Glasby, Jr. 1,645,134; Oct. 11.
 Engines, Fuel-injection system for oil. O. A. Banner.
 1,644,769; Oct. 11.
 Engines, Fuel injector for internal-combustion. W. B.
 Potter. 1,645,071; Oct. 11.

Engines, Operating constant-pressure internal-combustion.
 W. B. S. Whaley. 1,645,169; Oct. 11.
 Engines, Steam-jacketed oil pump and pipe connection for
 internal-combustion. O. E. Jorgensen. 1,644,838;
 Oct. 11.
 Engines, Supercharging of internal-combustion. A. Hall-
 Brown. 1,645,178; Oct. 11.
 Envelope. D. R. McCain. 1,645,148; Oct. 11.
 Ergot preparation, Manufacture of. G. Erdmann.
 1,645,096; Oct. 11.
 Eye mounting. B. Lapkin. 1,644,735; Oct. 11.
 Fabrics, Method of and apparatus for feeding. H. I.
 Huey. 1,645,501; Oct. 11.
 Fabrics, Method of and apparatus for passing threads into.
 R. Rossmann. 1,645,257; Oct. 11.
 Feeding mechanism. R. H. Cramer. 1,645,418; Oct. 11.
 Fence guard, Wire. J. W. Morris. 1,644,846; Oct. 11.
 Fiber composition, Machine for making. W. G. O'Brien.
 1,645,068; Oct. 11.
 Fibrous material and producing the same, Fire-resistant.
 A. Winogradoff. 1,645,172; Oct. 11.
 Fibrous materials, Machine for drafting. M. A. Roth.
 1,644,747; Oct. 11.
 Fibrous materials to render them fire resistant, Liquid
 mixture for use in treating combustible. A. Winogra-
 doff. 1,645,173; Oct. 11.
 Filing device. J. M. Hurley. 1,644,676; Oct. 11.
 Filing device, Visible. C. V. Olson. 1,644,790; Oct. 11.
 Filter oil. C. B. Jahnke. 1,644,728; Oct. 11.
 Flushing machine. L. S. Macdonald. 1,644,931; Oct. 11.
 Fire starter. F. C. Holmes. 1,644,882; Oct. 11.
 Fish lure. E. P. Johnson. 1,644,884; Oct. 11.
 Flangeway guard for highway crossings. P. E. Gerhard.
 1,645,279; Oct. 11.
 Flexible element. J. K. Wood. 1,645,510; Oct. 11.
 Flooring, Prefinished. K. E. Crooks. 1,644,710; Oct. 11.
 Fluid-operated brake. E. E. Lasure. 1,645,105; Oct. 11.
 Fluid-pressure system. H. W. Shonnard. 1,645,076;
 Oct. 11.
 Flushing apparatus. J. Vergara. 1,645,264; Oct. 11.
 Folding table. A. D. Converse. 1,644,818; Oct. 11.
 Folding table. H. J. Gilbert. 1,644,672; Oct. 11.
 Food product, Machine for forming a. S. H. Perky.
 1,645,155; Oct. 11.
 Fountain comb. W. J. Borer. 1,645,038; Oct. 11.
 Fruit-picker's bag. C. T. Taylor. 1,645,360; Oct. 11.
 Fuel composition. S. P. Marley and W. A. Gruse.
 1,645,109; Oct. 11.
 Fuel regulator, Automatic. L. Ferrette. 1,644,717;
 Oct. 11.
 Furling mill. E. J. Wilson. 1,645,210; Oct. 11.
 Fur testing and cutting device. E. Müller. 1,645,391;
 Oct. 11.
 Furnace: See—
 Electric furnace.
 Furnace. J. J. Boesch. 1,645,223; Oct. 11.
 Furnace resistor, Electric. T. A. Reid. 1,645,293;
 Oct. 11.
 Furnaces and the like, Temperature regulator for. G.
 W. McKee. 1,645,506; Oct. 11.
 Furnaces, Replaceable liner for reverberatory. B. R.
 Kinney. 1,645,011; Oct. 11.
 Furniture, Store. H. A. Albelt. 1,645,470; Oct. 11.
 Fuse plug, Multiple. F. W. Williams. 1,644,969; Oct. 11.
 Fuses, Testing. S. Palmer. 1,645,346; Oct. 11.
 Game mechanism, Slide. J. H. Myre. 1,644,890; Oct. 11.
 Garment conveyor. L. B. H. and W. L. Bixler. 1,645,315;
 Oct. 11.
 Garment press, Electric. J. C. Ledbetter. 1,644,929;
 Oct. 11.
 Garment supporter. H. M. Stewart. 1,645,121; Oct. 11.
 Gas analyzing apparatus, Continuously-operating. O.
 Rodhe. 1,644,951; Oct. 11.
 Gas distribution. R. G. Griswold. 1,645,137; Oct. 11.
 Gate: See—
 Automatic regulating gate.
 Gate. E. E. Wolbert. 1,645,365; Oct. 11.
 Gauge: See—
 Hinge-recess gauge. Pressure gauge.
 Gear, Draft. C. H. Tomlinson. 1,645,408; Oct. 11.
 Gear-grinding machine. L. E. Jolls. 1,645,489; Oct. 11.
 Gear pulley, Automatically-adjusting. M. L. Landrum.
 1,644,839; Oct. 11.
 Gear, Segmental flywheel. J. E. Walker. 1,645,268;
 Oct. 11.
 Gear shaper, Spur. M. Maag. 1,645,106; Oct. 11.
 Gear, Spring draft. C. H. Tomlinson. 1,645,361; Oct. 11.
 Gear-testing machine. D. F. Domizi. 1,644,876; Oct. 11.
 Generator: See—
 Steam generator. Vapor generator.
 Glare shield and supporting bracket therefor, Combined.
 P. Groenestein. Des. 73,605; Oct. 11.
 Glass: See—
 Boiler gauge glass.
 Glass, Feeding molten. K. E. Peller. 1,644,893; Oct. 11.
 Glass, Method and apparatus for feeding molten. W. T.
 Barker, Jr. 1,645,221; Oct. 11.
 Glass, Method of and apparatus for forming sheet. G. E.
 Howard. 1,645,053-4; Oct. 11.
 Golf tee. G. Clausing. 1,644,970-80; Oct. 11.
 Golf tee. E. N. Hodges. 1,645,001; Oct. 11.
 Golf tee and score card, Combined. E. S. Whitcomb.
 1,644,804; Oct. 11.
 Governor for rotating mechanisms. W. S. Bowen.
 1,645,088; Oct. 11.

Grab. A. E. Norris. 1,644,743; Oct. 11.
 Grain feeder, Automatic. S. P. Spain. 1,645,460; Oct. 11.
 Grate, Stepped furnace. F. Seyboth. 1,644,953; Oct. 11.
 Grease or oil gun or the like. W. M. Mayer. 1,644,687; Oct. 11.
 Grinding machine. J. L. Ballash. 1,644,812; Oct. 11.
 Gyroscopic instrument and apparatus. J. B. Henderson. 1,644,921; Oct. 11.
 Hand bag. J. Kirsch and A. Glibberman. Des. 73,614; Oct. 11.
 Handle: See—
 Umbrella handle.
 Handle. W. A. Hastings. 1,645,381; Oct. 11.
 Handles, Detachable fastening for. C. M. Keener. 1,645,490; Oct. 11.
 Hanger box. M. S. Vile. 1,645,503; Oct. 11.
 Harrow tooth. G. C. Haley. 1,645,482; Oct. 11.
 Hat block. R. A. Bredow. 1,644,976; Oct. 11.
 Hat holder. J. H. Gibson. 1,645,478; Oct. 11.
 Headlight for spring bumper. A. W. Pattison. 1,644,945; Oct. 11.
 Headlights, Reflector attachment for vehicle. E. J. Markel. 1,644,686; Oct. 11.
 Heater: See—
 Oil heater.
 Water heater.
 Heating apparatus, Electric. J. P. Sunderland. 1,645,029; Oct. 11.
 Heating systems, Apparatus for use with hot-air. R. A. Herbruck. 1,645,140; Oct. 11.
 Heel, Shoe. A. F. Ducheneau. 1,645,187; Oct. 11.
 Heel, Shoe. W. I. Littman. 1,644,784; Oct. 11.
 Hinge fixture, Stop-door. W. H. Packer. 1,645,114; Oct. 11.
 Hinge-recess gauge. R. L. Carter. 1,644,666; Oct. 11.
 Hinge structure. S. F. Kenyon. 1,645,429; Oct. 11.
 Holst. F. W. Borkes. 1,644,770; Oct. 11.
 Hold-up alarm. G. R. Dobbins. 1,645,185; Oct. 11.
 Hood clamp, Automobile. L. C. Vanderlip. 1,645,492; Oct. 11.
 Horn. E. Duttlinger and H. Speyer. 1,645,044; Oct. 11.
 Hose protector. L. Gruner. 1,644,673; Oct. 11.
 Hosiery machine of the straight or flat web type. L. Marneux. 1,645,439; Oct. 11.
 Houses, Steel interior for. D. Bruhn. 1,644,869; Oct. 11.
 Hullers, Separating apron for green-pea-vine. F. Hamachek. 1,645,324; Oct. 11.
 Humidifier. J. A. Maker. 1,644,737; Oct. 11.
 Ice-cream disher. J. Thompson. 1,645,208; Oct. 11.
 Ice-cream freezers, Operating mechanism for. F. G. Scott. 1,645,458; Oct. 11.
 Impact device. N. Georgevitch. 1,645,477; Oct. 11.
 Incinerator. Built in chimney. T. Treganowan. 1,645,262; Oct. 11.
 Incinerator, Portable. A. Engle. 1,644,879; Oct. 11.
 Incubator-heating system. E. Haney. 1,645,380; Oct. 11.
 Indicator: See—
 Elevator-position indicator. Visible pulse and diastolic indicator.
 Lubrication indicator.
 Surface test indicator.
 Inductance coils, Insulated support for. L. Steinberger and G. Hill. 1,645,462; Oct. 11.
 Induction apparatus, Stationary. S. E. Johannesen. 1,644,729; Oct. 11.
 Induction motor. R. Ridenberg. 1,645,296; Oct. 11.
 Ink. H. Schladebach and H. Hähle. 1,645,117; Oct. 11.
 Inking mechanism. J. J. Halliwell. 1,644,723; Oct. 11.
 Inner tubes, Apparatus for vulcanizing. O. J. Kuhlke. 1,644,678; Oct. 11.
 Instrument for treating urethritis. O. Hayes. 1,644,919; Oct. 11.
 Insulator connector. N. A. Wahlberg. 1,645,266; Oct. 11.
 Insulator, Suspension. J. M. Peck. 1,645,447; Oct. 11.
 Intake silencer. A. V. Saharoff. 1,644,794; Oct. 11.
 Internal-combustion engine. D. E. Anderson. 1,644,702; Oct. 11.
 Internal-combustion engine. W. D. Armitage. 1,645,471; Oct. 11.
 Internal-combustion engine. C. S. Fiedner. 1,644,719; Oct. 11.
 Internal-combustion engine. C. F. Kettering. 1,644,732; Oct. 11.
 Internal-combustion engine. C. F. Kettering and C. R. Short. 1,644,731; Oct. 11.
 Internal-combustion engine. D. A. Stewart. 1,645,309; Oct. 11.
 Internal-combustion engine. W. B. S. Whaley. 1,645,170; Oct. 11.
 Internal-combustion engine. V. F. Zahodjakin. 1,644,907; Oct. 11.
 Internal-combustion engine, Two-cycle. F. Lang. 1,645,199; Oct. 11.
 Iron: See—
 Curling iron.
 Ironing-press burn guard. J. C. Ledbetter. 1,644,930; Oct. 11.
 Isodibenzanthrones, Manufacture of. P. Nawlasky. O. Braunsdorf, and E. Holzapfel. 1,644,849; Oct. 11.
 Isodibenzanthrones, Manufacture of. H. Neresheimer. 1,644,850; Oct. 11.
 Jack: See—
 Loading jack.
 Lumber-piling jack.
 Joint: See—
 Contraction joint.
 Joints, Shim for universal. R. J. Looek. 1,645,247; Oct. 11.
 Jug. W. D. Edwards. Des. 73,601; Oct. 11.
 Key: See—
 Master key.
 Keyboard indicating device and registering performance. J. Staus. 1,644,960; Oct. 11.
 Key, Master. H. Soref. 1,645,407; Oct. 11.
 Knife, Cultivator. E. H. Burks. 1,645,039; Oct. 11.
 Knitting machine. E. Oesterreich. 1,644,688; Oct. 11.
 Ladder and preparing rungs and rails thereof. A. V. Rowe. 1,644,694; Oct. 11.
 Ladder, Emergency. C. C. McCracken. 1,644,739; Oct. 11.
 Lamp, Acetylene. A. L. Hansen. 1,644,780; Oct. 11.
 Lamp, Automobile. W. U. Stonehill. 1,644,696; Oct. 11.
 Lamp, Electric. A. de Graaff. 1,644,712; Oct. 11.
 Lamp shade. H. Stone. Des. 73,625; Oct. 11.
 Lantern. G. P. Hitchcock. 1,644,923; Oct. 11.
 Lantern. H. H. Wolter. Des. 73,631; Oct. 11.
 Latch, Automatic doff. C. W. Young and J. H. Diggett. 1,645,083; Oct. 11.
 Latch-bolt keeper and mounting the same. J. Ledwinka. 1,645,332; Oct. 11.
 Latch mechanism. J. Ledwinka. 1,645,333; Oct. 11.
 Latch mechanism. J. P. Tarbox. 1,645,310; Oct. 11.
 Lathe dog. S. E. Roynton. 1,645,219; Oct. 11.
 Lathes, Back squaring attachment for. N. King and R. A. Ashton. 1,644,733; Oct. 11.
 Lathes, Rushing-turning attachment for automatic. J. J. Thacher. 1,645,123; Oct. 11.
 Laundry mangles, Linen-straightening mechanism for. G. M. Bacon. 1,645,036; Oct. 11.
 Lead, Making tetra-alkyl. K. P. Monroe. 1,645,390; Oct. 11.
 Lead, Manufacture of tetra-ethyl. H. W. Daudt, A. E. Parmelee, and W. S. Calcott. 1,645,575; Oct. 11.
 Lead, Production of a tetra-alkyl. K. P. Monroe. 1,645,389; Oct. 11.
 Lense, Ophthalmic. E. D. Thlyer and H. R. Moulton. 1,644,798; Oct. 11.
 Letter-franking machine. R. Mohr. 1,645,388; Oct. 11.
 Lever-actuating mechanism. J. M. Waddell. 1,644,763; Oct. 11.
 Light: See—
 Combination light.
 Light signal. J. S. Hobson. 1,644,834; Oct. 11.
 Lighting bracket. G. L. Miller. Des. 73,618; Oct. 11.
 Lighting-fixture ring and support, Combined. H. H. Wolter. Des. 73,632; Oct. 11.
 Limbs, Joint for elbows and knees of artificial. C. G. Hoare. 1,644,833; Oct. 11.
 Liquid meter. R. N. Brodie and A. J. Granberg. 1,644,868; Oct. 11.
 Loading jack. M. A. West. 1,644,904; Oct. 11.
 Lock: See—
 Automobile lock.
 Tumbler lock.
 Lock. J. H. Shaw. 1,645,298; Oct. 11.
 Lock mechanism, Transmission. W. T. Hunt. 1,645,192; Oct. 11.
 Locking mechanism. W. P. King. 1,645,059; Oct. 11.
 Locomotive boilers, Washout plug for. P. F. Gallagher. 1,645,046; Oct. 11.
 Locomotive-tender tank. E. E. Hicken. 1,645,426; Oct. 11.
 Locomotives, Drive mechanism for electric. F. L. Alben. 1,645,272; Oct. 11.
 Log bunk. W. G. White. 1,645,082; Oct. 11.
 Looms, Dobby for. J. Northrop. 1,645,203; Oct. 11.
 Looms, Pile wire for. I. Pfeiffer. 1,645,255; Oct. 11.
 Looms, Warp beam for. A. A. Gordon. 1,644,721; Oct. 11.
 Lubrication indicator. E. V. Myers. 1,644,848; Oct. 11.
 Lubricator: See—
 Cone-pulley lubricator.
 Lumber-piling jack. M. C. Johnson. 1,645,488; Oct. 11.
 Luminaire. W. A. Dorey. 1,644,877; Oct. 11.
 Luminaire. W. A. Dorey. 1,644,915; Oct. 11.
 Machine for simultaneously drying and polishing beans and the like. J. H. McFarland. 1,645,440; Oct. 11.
 Machine for wrapping bodies. A. Monkhouse. 1,645,289; Oct. 11.
 Magnetic frequency changer. J. Slepian. 1,645,303; Oct. 11.
 Mail box. R. B. Williamson. Des. 73,628; Oct. 11.
 Make-up post. W. C. Trout. 1,644,862; Oct. 11.
 Manifold accessory or supercharger. A. A. Bull. 1,644,870; Oct. 11.
 Manifolding machine. J. Q. Sherman and A. W. Metzner. 1,644,956; Oct. 11.
 Manifolding register. J. Q. Sherman. 1,644,957; Oct. 11.
 Marker and pin tray, Self skirt. H. A. Willbrite. 1,645,410; Oct. 11.
 Measuring and dispensing apparatus, Liquid. D. Cohen. 1,645,475; Oct. 11.
 Mechanical movement, Reciprocating. C. H. Au. 1,645,273; Oct. 11.
 Metal can, Sanitary. A. Moore. 1,645,016; Oct. 11.
 Metal-working apparatus. J. T. Cook, Jr. J. W. Murphy, T. J. Brusnicki, and H. C. Goldsmith. 1,645,372; Oct. 11.
 Metal-working machines, Gearing for. F. S. Jones. 1,645,194; Oct. 11.

Metals, Uniting dissimilar. H. C. Mougey. 1,644,741; Oct. 11.
 Meter: See—
 Egg meter.
 Electricity meter.
 Liquid meter.
 Moisture meter.
 Water meter.
 Meter and indicating means therefor. R. L. Dezendorf. 1,645,321; Oct. 11.
 Mica-plate composition. J. M. Coffey. 1,645,415; Oct. 11.
 Microphone circuit. J. Slepian. 1,645,306; Oct. 11.
 Milk, cream, and other milk products, Removal of undesirable foreign flavors and odors from. M. B. MacDonald. 1,644,842; Oct. 11.
 Mill: See—
 Fulling mill.
 Mineral machine. J. B. Fender. 1,645,378; Oct. 11.
 Mining apparatus. M. P. Holmes. 1,645,003; Oct. 11.
 Mining machine. M. P. Holmes. 1,645,002; Oct. 11.
 Mining machine. H. C. Johansen. 1,645,007; Oct. 11.
 Mining machine. R. C. Osgood. 1,644,943; Oct. 11.
 Mirror, Flexing. C. F. Jenkins. Re16,767; Oct. 11.
 Mixer. C. B. Lambert. 1,645,062; Oct. 11.
 Moisture meter. L. W. Thompson. 1,645,077; Oct. 11.
 Mop and the like. J. and T. Dixon. 1,645,043; Oct. 11.
 Mop holder. S. L. Toplitz. 1,644,799; Oct. 11.
 Mortar, Prepared fire-proof. R. L. Taylor. 1,645,030; Oct. 11.
 Motor: See—
 Current motor.
 Induction motor.
 Electric motor.
 Motor controller. W. Driver. 1,644,820; Oct. 11.
 Motors, Clutch for spring. V. M. Wilson. 1,645,269; Oct. 11.
 Motors, Dual ignition for outboard. A. J. Caille. 1,644,709; Oct. 11.
 Motors, Inlet manifold for internal-combustion. R. M. Pierson. 1,645,347; Oct. 11.
 Mower cutting apparatus. F. Swickard. 1,644,962; Oct. 11.
 Mower, Cutting blade of lawn. G. O'B. Murphy and D. Wenham. 1,644,889; Oct. 11.
 Nail-punch holder. L. Poirier. 1,644,948; Oct. 11.
 Necktie clasp. E. J. Weisbaum. 1,644,863; Oct. 11.
 Nozzle, Automatic hose. A. T. Carnes. 1,645,127; Oct. 11.
 Nut, Adjustable. J. A. Burns. 1,645,276; Oct. 11.
 Oil, Apparatus for burning. S. E. Meyers. 1,645,443; Oct. 11.
 Oil burner. C. M. Colvin. 1,644,873; Oct. 11.
 Oil burner. C. W. Slevert. 1,644,958; Oct. 11.
 Oil, Converting. W. M. Cross. 1,644,991; Oct. 11.
 Oil from wells, Apparatus for raising. B. Schweiger. 1,644,748; Oct. 11.
 Oil hardening with nickel and copper formates. C. Ellis. 1,645,377; Oct. 11.
 Oil heater, Crank-case. C. M. Corlew and G. A. Blohm. 1,645,230; Oct. 11.
 Oil regulator. A. T. Garden. 1,644,918; Oct. 11.
 Oil separator. B. D. Comyn. 1,645,093; Oct. 11.
 Oil-well-plunger attachment and sucker-rod connection. C. C. Hosmer and S. E. Furman. 1,645,428; Oct. 11.
 Oil-well rigs, Jack-post structure for. W. Clarkson, Jr. 1,645,041; Oct. 11.
 Optical attachment. H. N. Cox. 1,645,374; Oct. 11.
 Optical projection system. J. R. C. August. 1,645,367; Oct. 11.
 Oscillations into audible oscillations, Transforming inaudible. J. E. Davis. 1,644,992; Oct. 11.
 Pan: See—
 Cake pan.
 Panel-fastening means. J. W. Sterbenz. 1,645,120; Oct. 11.
 Paper fastener. F. J. Kline. 1,645,430; Oct. 11.
 Paper pulp, Bleaching. O. Kress. 1,645,061; Oct. 11.
 Paper with opaque markings, Preparing transparent. K. S. MacLachlan. 1,645,249; Oct. 11.
 Partitions, Thimble structure for. E. C. Fox. 1,645,419; Oct. 11.
 Pen clip and pocket check protector, Combined. R. G. Clyde. 1,644,668; Oct. 11.
 Pencil, Magazine. H. Morlock. 1,644,740; Oct. 11.
 Perambulator. M. L. Bernon. 1,644,706; Oct. 11.
 Perforating machine, Paper. S. A. Ragan. 1,644,950; Oct. 11.
 Perforating wheel. M. L. Kaplan. 1,645,385; Oct. 11.
 Phenol-methylene resins and alcohol from methylals, Production of. C. B. Carter. 1,645,226; Oct. 11.
 Photoelectric cell. T. R. Goldsborough and O. H. Eschholz. 1,645,280; Oct. 11.
 Photographic copying by the reflection method. A. Miller. 1,645,112; Oct. 11.
 Photography, Color. H. N. Cox. 1,645,417; Oct. 11.
 Picture films, Apparatus for developing. L. J. Riggie. 1,645,452; Oct. 11.
 Picture-projecting machine. P. A. Nothstine. 1,645,204; Oct. 11.
 Picture-projection apparatus, Motion. P. S. Gauriat. Re16,769; Oct. 11.
 Pipe vise. T. E. Stephenson. 1,644,755; Oct. 11.
 Pipes and the like from metal sheets or plates, Apparatus for the manufacture of. W. R. Hume. 1,645,239; Oct. 11.
 Piston. G. W. Robinson. 1,645,256; Oct. 11.
 Piston packing. J. F. Panyard. 1,644,944; Oct. 11.
 Piston ring. L. Kinsley and J. W. S. Moss. 1,645,146; Oct. 11.
 Piston rings, Flexible closing fixture for. C. E. Johnson. 1,644,883; Oct. 11.
 Pitot tube. H. W. Broady and G. G. H. Rydberg. 1,644,815; Oct. 11.
 Plaster cleaner. E. Golden. 1,645,479; Oct. 11.
 Plastic Portland cement and composition and making the same, Waterproof. H. V. Welch. 1,644,965; Oct. 11.
 Plate or similar article. E. O. Jones. Des. 73,610; Oct. 11.
 Plate or similar article. G. Wesp. Des. 73,627; Oct. 11.
 Platform release. J. H. Myre. 1,644,891; Oct. 11.
 Plotting board. K. Petschenig. 1,644,791; Oct. 11.
 Plow, Lister. J. Peterson. 1,644,894; Oct. 11.
 Plow, Swinging. B. T. Wilson. 1,644,970; Oct. 11.
 Polishing machine for shoes, Hand. J. Skrzeczkowski. 1,645,357; Oct. 11.
 Polyphase plate-circuit excitation system. A. Nyman and F. Conrad. 1,645,291; Oct. 11.
 Pore-rail fastener. I. A. Anderson. 1,644,768; Oct. 11.
 Post: See—
 Make-up post.
 Power plant. T. Stein. 1,644,754; Oct. 11.
 Power-transmission apparatus, Hydraulic. R. F. Carey. 1,645,371; Oct. 11.
 Press: See—
 Baling press.
 Electric press.
 Conveyer press.
 Garment press.
 Presses, machinery, shafting, and the like, Safety clutch used in. P. Humphris. 1,645,383; Oct. 11.
 Presses, Rotary roll-paper feeder for two-revolution cylinder. A. Dager. 1,645,094; Oct. 11.
 Pressure and float actuated switch, Combined. I. E. McCabe. 1,644,935; Oct. 11.
 Pressure and suction distributing mechanism. F. Remy. 1,644,792; Oct. 11.
 Pressure gauge. W. P. Dalrymple. 1,645,184; Oct. 11.
 Printing of impressions on impression-cylinder packings, Device for eliminating the. F. J. Albert. 1,645,469; Oct. 11.
 Printing on lamp bulbs, Inking device for obtaining uniform. M. N. Fredenburgh. 1,645,045; Oct. 11.
 Printing presses, Signature-delivery mechanism for. H. M. Barber. 1,645,176; Oct. 11.
 Printing strips from holders, Apparatus for removing. W. J. Demming. 1,644,773; Oct. 11.
 Projecting apparatus. C. B. Holman and E. L. Ege. 1,644,781; Oct. 11.
 Projector. S. L. Leiby. 1,645,063; Oct. 11.
 Projector. L. Mann. 1,645,108; Oct. 11.
 Propelled implement, Tractor. G. D. Jones. 1,644,885; Oct. 11.
 Pulp thickener. E. L. Oliver. 1,644,854; Oct. 11.
 Pump, Centrifugal. A. C. Durdin, Jr. 1,645,498; Oct. 11.
 Pump, Gear-drive. M. A. Conant and J. E. Coates. 1,644,817; Oct. 11.
 Pump rail, Adjustable ink. H. V. Ball. 1,644,724; Oct. 11.
 Pump, Rotary. F. C. Peterson. 1,645,069; Oct. 11.
 Pump, Screw. G. Rathman. 1,645,349; Oct. 11.
 Pump, Variable-stroke. W. Glattes. 1,645,420; Oct. 11.
 Pumping system, Oil. J. A. Lupter. 1,644,841; Oct. 11.
 Pyrotechnic. S. G. Stevens. 1,645,206; Oct. 11.
 Quartz, Method and apparatus for working. E. R. Berry and P. K. Deyers. 1,645,086; Oct. 11.
 Radiator. G. H. Lober. 1,644,685; Oct. 11.
 Radiator cap. W. B. Jarvis. 1,645,384; Oct. 11.
 Radiator shield. W. S. Pritchard. 1,644,690; Oct. 11.
 Rail splice. A. S. Karr. 1,645,386; Oct. 11.
 Railway tie. T. J. Henry. 1,645,104; Oct. 11.
 Razor, Safety. D. E. J. Petard. 1,645,021; Oct. 11.
 Receptacle closure. R. A. Russell. 1,645,158; Oct. 11.
 Receptacle closure. E. C. Seward. 1,645,164; Oct. 11.
 Receptacle, closure therefor, and dauber, Combined. R. A. Russell. 1,645,159; Oct. 11.
 Reciprocating engine. J. Shearer. 1,644,954; Oct. 11.
 Recording and reproducing of sounds, Method and apparatus for plural. H. W. Rogers. 1,645,295; Oct. 11.
 Rectifier protective system. D. G. Little and R. L. Davis. 1,645,287; Oct. 11.
 Reel for strip metal. B. R. Shover. 1,644,857; Oct. 11.
 Refrigerating apparatus. E. T. Williams. 1,645,314; Oct. 11.
 Refrigerating apparatus, Absorption. C. G. Munters and B. C. von Platen. 1,645,017; Oct. 11.
 Refrigeration, Working fluid for. A. A. Kucher. 1,645,198; Oct. 11.
 Refrigerator. G. C. Rohm. 1,644,910; Oct. 11.
 Refrigerator. L. G. Copeman. 1,644,982-4; Oct. 11.
 Refrigerator. L. G. Copeman. 1,644,987; Oct. 11.
 Refrigerator. R. A. Gulick and H. H. Reed. 1,645,103; Oct. 11.
 Refrigerator construction. L. G. Copeman. 1,644,981; Oct. 11.
 Refrigerator construction. L. G. Copeman. 1,644,986; Oct. 11.
 Refrigerator, Folding. S. F. Kohn. 1,644,677; Oct. 11.
 Refrigerator manufacture. L. G. Copeman. 1,644,985; Oct. 11.
 Register: See—
 Autographic register.
 Manifolding register.
 Cash register.

Regulator: See—
Fuel regulator. Window regulator.
Oil regulator.
Relay, Overload. J. H. Pengilly. 1,645,020; Oct. 11.
Ring: See—
Piston ring.
Roasting. J. B. Read and M. F. Coolbaugh. 1,644,692; Oct. 11.
Rocket, Rotary balanced. T. G. Hitt. 1,645,427; Oct. 11.
Rod: See—
Connecting rod.
Roof structure. J. A. Miller. 1,645,202; Oct. 11.
Rotary converters, Control of commutating pole strength on nonbooster. F. T. Hague. 1,645,281; Oct. 11.
Rotary drier. D. H. Couch. 1,645,373; Oct. 11.
Rotator. L. P. Burgess and E. E. Stevenson. 1,644,913; Oct. 11.
Rubber latex and product obtained thereby. Treating. H. W. Kelley and W. D. Wolfe. 1,644,730; Oct. 11.
Saddle, Running-board. W. D. Thompson. 1,644,760; Oct. 11.
Saddons, Overtemperature control for electric. O. Dodge. 1,644,875; Oct. 11.
Safety device. A. A. Garey. 1,645,131; Oct. 11.
Salt and pepper shaker, Combination. O. W. Baldwin. 1,644,811; Oct. 11.
Salt, Making table. F. W. Huber. 1,645,238; Oct. 11.
Sanitary waste can. J. F. Gelbel. 1,645,100; Oct. 11.
Sash holder, Storm-. J. A. Lee. 1,644,886; Oct. 11.
Sash-operating mechanism. E. L. Ackerman. 1,644,809; Oct. 11.
Sausage casing and making same. H. Hensel. 1,645,425; Oct. 11.
Sausage casing, etc. W. F. Henderson. 1,645,505; Oct. 11.
Sawing machine, Adjustable. A. Mansfield. 1,644,887; Oct. 11.
Scale, Weighing. J. Hopkinson. 1,645,326; Oct. 11.
Scale, Weighing. J. Hopkinson. 1,645,328; Oct. 11.
Scales, Actuating mechanism for coin-controlled ticket-printing weighing. V. F. Slezak. 1,644,752; Oct. 11.
Scarf holder. W. P. Craddock. 1,645,128; Oct. 11.
Scissors. W. A. Zeldner. 1,645,035; Oct. 11.
Scooter, Pedal-propelled. T. A. Jackson. 1,644,836; Oct. 11.
Scouring device. N. I. Stark. 1,645,359; Oct. 11.
Screen for conveyers. A. L. Shaw. 1,645,405; Oct. 11.
Screen, support, Metal-framed. E. W. Pendery. 1,645,448; Oct. 11.
Scrubbing machine. S. Strader. 1,644,859; Oct. 11.
Seat. A. H. Lelpert. 1,644,683; Oct. 11.
Seed-corn tester. T. M. Roberts. 1,644,895; Oct. 11.
Separating and grading machine. F. A. Rappleye. 1,645,402; Oct. 11.
Separator: See—
Oil separator. Storage-battery separator.
Septic tank. W. Rose. 1,645,116; Oct. 11.
Serrated steel structural units, Joining. F. H. Moyer. 1,644,940; Oct. 11.
Sewing machine. O. P. Watson. 1,644,700; Oct. 11.
Shafts, Connector sleeve for telescoping. B. H. Urschel. 1,644,800; Oct. 11.
Sharpener, Blade. J. H. Gibson. 1,644,778; Oct. 11.
Sheaf carrier. W. J. Coultas. 1,644,874; Oct. 11.
Sheave block, Safety. W. H. McKissick. 1,645,014; Oct. 11.
Sheet-feeding mechanism. K. Sleg. 1,644,695; Oct. 11.
Shipping deck, Automobile. E. T. Cunningham. 1,644,713; Oct. 11.
Shock absorber. A. G. Dalin. 1,645,183; Oct. 11.
Shocker, Corn. G. W. Arthur. 1,645,212; Oct. 11.
Shoe. G. W. Blair. Des. 73,597; Oct. 11.
Shoe, Arch-supporting. J. T. Voll. 1,644,762; Oct. 11.
Shoe, Heeled. F. J. Gross. 1,645,191; Oct. 11.
Shoe-tip machine. G. E. Molyneux. 1,644,938; Oct. 11.
Shoes, Manufacture of. E. E. Winkley and H. A. Davenport. 1,644,971; Oct. 11.
Shot-firing device, Electric. A. J. Marshall. 1,644,843; Oct. 11.
Shovel. M. Hokanson. 1,644,881; Oct. 11.
Sign, Illuminated. R. Austin. 1,644,663; Oct. 11.
Sign, Interchangeable. F. Moynihan. 1,644,742; Oct. 11.
Signal: See—
Light signal.
Signal system. E. E. Salisbury. 1,645,353; Oct. 11.
Signal system, Coordinating. J. E. Robin. 1,645,024; Oct. 11.
Signaling system. J. F. Toomey. 1,644,761; Oct. 11.
Silica, Producing high-grade vitreous. H. L. Watson. 1,645,080; Oct. 11.
Silk, Degumming. L. Wallerstein. 1,644,764; Oct. 11.
Sizing apparatus. E. J. Zlock. 1,644,808; Oct. 11.
Size-gauging machine. H. A. Seabright. 1,645,118; Oct. 11.
Slider, Vegetable. T. V. Meech. 1,645,113; Oct. 11.
Smoke, Apparatus for producing. H. M. Robertson. 1,644,693; Oct. 11.
Smoker's stand. C. E. Beardsley. Des. 73,596; Oct. 11.
Socket, Double-pln. P. E. Fenton and P. de F. Warner. 1,645,500; Oct. 11.
Socket, Electric switch. C. S. Cross and C. A. Smith. 1,644,990; Oct. 11.
Socket, Push-switch. E. H. Freeman. 1,645,130; Oct. 11.

Socket, Single-pln. P. E. Fenton. 1,645,499; Oct. 11.
Socket, Three-way cap pln-type. W. He. 1,645,240; Oct. 11.
Sole-cutting machine. P. J. McGowan. 1,645,441; Oct. 11.
Sole or heel, Shoe. L. E. Packard. 1,644,855; Oct. 11.
Sound amplifier. H. Kanders. 1,645,329; Oct. 11.
Sound amplifier. L. Stevens. 1,644,795; Oct. 11.
Sound modifier. A. V. Bodine. 1,645,087; Oct. 11.
Sound reproducer, Electromagnetic. F. Dietrich and W. H. Gerns. 1,645,231; Oct. 11.
Sound-reproducing device. P. Y. Hodge. 1,645,051; Oct. 11.
Sound-translating device. J. Sleplan and C. R. Hanna. 1,645,305; Oct. 11.
Specific-gravity-determining apparatus. G. B. Linderman, Jr. 1,644,684; Oct. 11.
Spectacles. J. S. Galeski. 1,644,776; Oct. 11.
Speed-changing mechanism, Friction. R. E. Winters. 1,645,270; Oct. 11.
Speedometer construction. J. M. Lea. 1,645,331; Oct. 11.
Speedometer-drive mechanism. E. L. McIntyre. 1,644,888; Oct. 11.
Splitting machine. A. E. Suttla and D. Edgar. 1,644,961; Oct. 11.
Sprayers, Liquid strainer for orchard. L. W. Weaver. 1,645,364; Oct. 11.
Spring cover or wrapper, Leaf. S. L. Young. 1,645,493; Oct. 11.
Springs used in hydrostatic logs for balancing the pressure, Adjusting arrangement for. K. G. Lissel. 1,644,783; Oct. 11.
Spudding shoe. J. A. Bellman. 1,645,472; Oct. 11.
Stabilizer. M. M. Titterton. 1,645,079; Oct. 11.
Stack forming and feeding mechanism. E. L. Smith and A. E. Phelon. 1,645,406; Oct. 11.
Stamp-affixing machine. W. F. Schweiger. 1,645,073; Oct. 11.
Stamp, Hand. A. C. Walker. 1,645,267; Oct. 11.
Stand: See—
Display stand. Telephone stand.
Stave-finishing machine. O. A. Melang. 1,645,015; Oct. 11.
Steam generator. J. R. Evans. 1,644,715; Oct. 11.
Steel, Alloy impact-tool. P. A. E. Armstrong. 1,645,213; Oct. 11.
Steel or other metals, Annealing or heat treating. F. W. Gilbert. 1,644,828; Oct. 11.
Steering mechanism for vehicles. H. L. Weyers. 1,645,409; Oct. 11.
Steering wheel. C. P. Nellis and A. W. Scott. 1,645,446; Oct. 11.
Stencil sheet. S. Horli. 1,645,141; Oct. 11.
Stepladder-assembling machine. J. E. Kalgren. 1,645,414; Oct. 11.
Stocking. E. O. Nehel. Des. 73,620; Oct. 11.
Stool, Stepladder. E. L. Reed. 1,644,856; Oct. 11.
Storage-battery separator. P. E. Norris. 1,644,853; Oct. 11.
Stove. M. G. Klemme. 1,645,244; Oct. 11.
Stove. A. D. Sperry. 1,644,900; Oct. 11.
Suction box. E. E. Berry. 1,644,867; Oct. 11.
Supporting means for horizontally-disposed surfaces. J. E. Gloekler. 1,645,421; Oct. 11.
Surface test indicator. A. G. Cash. 1,645,473; Oct. 11.
Surgical apparatus, Electrical. F. E. Bauer. 1,645,215; Oct. 11.
Switch: See—
Electric switch. Thermostatic switch.
Pressure and float actuated switch.
Switch. L. Kellner. 1,645,145; Oct. 11.
Switch control, Safety. H. Stone. 1,645,028; Oct. 11.
Switching device. J. J. Kuhn and W. L. Betts. 1,645,147; Oct. 11.
Syringe with glass piston. K. Stieglitz. 1,644,901; Oct. 11.
Table: See—
Concentrator table. Vehicle turntable.
Folding table.
Table. A. S. Katz. Des. 73,613; Oct. 11.
Table. J. F. McGlothorn. 1,645,336; Oct. 11.
Table tap. W. He. 1,645,241; Oct. 11.
Tags, Method and apparatus for making. H. E. Kondolf. 1,645,013; Oct. 11.
Talcum-powder box. H. R. Corey. 1,644,989; Oct. 11.
Tank: See—
Locomotive-tender tank. Septic tank.
Tank-car bottom outlet, Railway. E. G. Todd. 1,644,861; Oct. 11.
Tank for gases and volatile liquids, Storage. J. H. Wiggins. 1,645,313; Oct. 11.
Tanks, Automatic trip valve for storage. B. Gregory and C. C. Mitchell. 1,645,480; Oct. 11.
Tape carriers, Holding sheets in register on. H. M. Barber. 1,645,175; Oct. 11.
Teeth, Stress-breaking attachment for. W. I. Lotze. 1,645,436; Oct. 11.
Telegraphophone reproducer. L. J. Leishman. 1,645,491; Oct. 11.
Telephone, Loud-speaking. C. R. Hanna. 1,645,282; Oct. 11.
Telephone stand. D. W. Ovalitt. 1,645,253; Oct. 11.

Telephone system, Measured-service. J. Wicks. 1,644,968; Oct. 11.
Telephonic receiving apparatus. N. P. Hinton. 1,645,284; Oct. 11.
Temperature of the fluid in circulating systems, Maintaining the. A. B. Modine. 1,645,338; Oct. 11.
Temperature-regulator system. H. R. Trotter. 1,645,263; Oct. 11.
Tent or shelter. C. E. Banbury. 1,644,664; Oct. 11.
Terminal connector, Bushing. C. F. Burgeson. 1,645,090; Oct. 11.
Terminal support. E. E. Sutherland. 1,645,261; Oct. 11.
Textile fabric. H. S. Day. Des. 73,599-600; Oct. 11.
Textile fabric or similar article of manufacture. J. Lader. Des. 73,615; Oct. 11.
Textile roll. J. H. Pullman. 1,645,348; Oct. 11.
Therapeutic chair. E. R. Monroe. 1,645,339; Oct. 11.
Thermionic-current transformer. L. H. Junken. 1,645,057; Oct. 11.
Thermometer. H. H. Zeal. 1,645,211; Oct. 11.
Thermostatic switch. A. J. Mottlau. 1,645,290; Oct. 11.
Threading machine, Conduit. D. Kelleher. 1,645,285; Oct. 11.
Throttling device. J. B. MacNeill. 1,645,288; Oct. 11.
Tie: See—
Railway tie.
Tie and fastening. R. E. L. Maxey. 1,644,934; Oct. 11.
Tie plate and rail brace. R. L. Sanders. 1,645,258; Oct. 11.
Tie. E. G. Barratt. 1,645,214; Oct. 11.
Tire-building machine. J. E. Perrault. 1,645,397; Oct. 11.
Tire, Solid vehicle. R. S. Burdette. 1,645,089; Oct. 11.
Tire-valve stems, Dust cap and rim nut connection for. C. T. Scott. 1,645,027; Oct. 11.
Tires, Repair shield for vehicle. J. H. Burrow. 1,645,413; Oct. 11.
Toaster, Electric. H. A. Hirshfeld and A. G. Stern. 1,645,327; Oct. 11.
Tone control operable successively in a predetermined manner. J. H. Hammond, Jr. 1,645,048; Oct. 11.
Tongs. H. M. Tunstall. 1,645,509; Oct. 11.
Tongs, Galley-stove. A. Westlake. 1,645,466; Oct. 11.
Tongs, Ice-cream-can. S. B. Whiteside. 1,644,907; Oct. 11.
Tool, Combination. M. H. Belcher. 1,644,705; Oct. 11.
Tool, Fishing. F. H. Stafford. 1,645,461; Oct. 11.
Tool, Fluid-pressure-operated. E. H. Shaff. 1,645,166; Oct. 11.
Tool holder. A. B. Cronquist. 1,645,319; Oct. 11.
Tool, Piston-ring. W. A. Madden. 1,645,200; Oct. 11.
Tool, Tire-building. D. L. Williams. 1,645,081; Oct. 11.
Tool, Tire-repair. J. M. Gibb and J. M. Jobe. 1,645,101; Oct. 11.
Tools, Extensible chuck for boring. R. H. Henderson. 1,644,832; Oct. 11.
Torch, Welding. A. Messer. 1,645,337; Oct. 11.
Towel, Paper. A. Ek. 1,645,189; Oct. 11.
Toy balloon novelty. A. D. Wismar. Des. 73,630; Oct. 11.
Toy construction element. A. C. Gilbert. Des. 73,604; Oct. 11.
Toy pistol. W. Grupka. 1,644,997; Oct. 11.
Toy roundabout. L. Marx. 1,644,933; Oct. 11.
Track structure. W. L. Deiker. 1,645,129; Oct. 11.
Traction wheel. L. E. Slauson. 1,644,858; Oct. 11.
Tractor. B. F. Childers. 1,644,978; Oct. 11.
Tractor and implement construction. C. S. Brown. 1,645,224; Oct. 11.
Tractors, Power take-off for. J. H. Wilson. 1,644,765; Oct. 11.
Tractors, Sawing attachment for. J. Mikottis. 1,645,066; Oct. 11.
Traffic-controlling apparatus, Railway. G. W. Baughman. 1,644,813; Oct. 11.
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180-	22:	1,644,975		124:	1,644,975		1,644,987		2:	1,644,864		6:	1,644,926		169:	1,645,310			
53:	1,645,162		125:	1,644,970		26:	1,644,988		7.1:	1,644,945			1,644,851		226:	1,645,354			
181-	0.5:	1,645,087		138:	1,645,290		36:	1,644,865		41:	1,645,063		98:	1,645,233		254:	1,645,234		
27:	1,644,795		140:	1,644,949		38:	1,645,049		48.2:	1,644,686		108:	1,645,180		262:	1,645,352			
	1,645,329		142:	1,645,201		8:	1,644,911		106:	1,644,877		112:	1,645,265		265:	1,644,886			
31:	1,644,788		146:	1,645,055		39:	1,645,327		151:	1,644,923		41:	1,645,341			1,645,186			
32:	1,645,110		150:	1,645,288			1,645,277		241-	8:	1,644,845		79:	1,644,766		340:	1,645,332		
182-	22:	1,644,941		45:	1,644,830		1,645,278		12:	1,645,121		5:	1,645,003		55:	1,645,056			
183-	2.5:	1,645,132	201-	45:	1,645,300		46:	1,645,230		242-	28:	1,644,973			57:	1,644,881			
184-	7:	1,645,097		51:	1,645,074		47:	1,645,029		37:	1,644,946		7:	1,644,943		71:	1,645,259		
	1,645,504		64:	1,645,074		20:	1,644,821		78:	1,644,857		30:	1,645,002		86:	1,645,461			
187-	29:	1,645,075	204-		1,645,119	230-	24:	1,644,939		109:	1,645,254		13:	1,645,004		90:	R. 16,771		
189-	43:	1,644,942			1,645,126		26:	1,645,354		118:	1,644,721		17:	1,645,088		98:	1,645,010		
	77:	1,644,707			1,645,236		32:	1,645,313		34:	1,645,495		44:	1,645,328		97:	1,645,500		
	1,644,726		205-	13:	1,645,052		36:	1,645,100		12:	1,645,153		5:	1,645,237		106:	1,644,905		
140:	1,644,671	206-	16:	1,644,830		39:	1,645,046		25:	1,644,787		43:	1,645,011		23:	1,644,892			
152:	1,645,105		57:	1,645,169		55:	1,645,163		60:	1,645,154		10:	1,645,183		28:	1,644,826			
	1,645,400		18:	1,645,338		60:	1,645,016		29:	1,644,758		37:	1,645,493		43:	1,645,196			
174:	1,645,124	208-	34:	1,644,838		82:	1,644,734		31:	1,645,065		60:	1,644,783		44:	1,644,680			
210:	1,644,571	209-	88:	1,645,118		221-	47.1:	1,644,687		34:	1,645,122		104:	1,644,763		84:	1,645,355		
	1,644,880		114:	1,645,324		64:	1,644,989		63:	1,644,813		127:	1,644,809		85:	1,645,438			
189-	1:	1,644,869		247:	1,645,405		67:	1,645,308		219:	1,645,251		271-	2.3:	1,645,501		92:	1,644,689	
	37:	1,645,060	210-	6:	1,645,116		112:	1,645,475		478:	1,644,834		44:	1,644,095		93:	1,644,691		
	62:	1,644,690		23:	1,645,378	223-	21:	1,644,976		245-	20:	1,644,665		50:	1,645,175		95:	1,645,216	
	69:	1,645,448		466:	1,644,753		21:	1,645,320		20:	1,645,253		64:	1,645,176			1,645,322		
	72:	1,644,814		24:	1,644,714	225-	28:	1,645,000		30.5:	1,644,661		31:	1,644,933		135:	1,645,433		
	75:	1,645,232		43:	1,644,728		29:	1,644,837		38:	1,644,807		33:	1,644,804		139:	1,645,325		
190-	28:	1,644,806		59:	1,645,093	226-	14:	1,645,406		41:	1,645,197		102:	1,644,890		300-	21:	1,644,738	
191-	54:	1,645,437		164:	1,645,364		39:	1,644,659		17:	1,645,291			1,644,891		301-	63:	R. 16,766	
192-	2:	1,644,669	211-	7:	1,645,058		121:	1,645,034		33:	1,645,280		103:	1,645,370		302-	15:	1,644,699	
	4:	1,645,136		184:	1,644,854		124:	1,645,127		35:	1,645,304		35:	1,645,051		303-	20:	1,644,771	
	13:	1,645,125		8:	1,645,218	228-	2:	1,644,856		31:	1,644,773		41:	1,645,008		305-	13:	1,644,858	
	46:	1,645,269		12:	1,645,470		44:	1,644,739		5:	1,644,825		277-	27:	1,645,156		306-	30:	1,645,490
	61:	1,645,246		24:	1,645,399	229-	58:	1,644,694		73:	1,645,148		280-	33.4:	1,645,484			1,645,041	
	113:	1,644,759		25:	1,644,675		31:	1,644,782		22:	1,644,957		33.55:	1,644,916		68:	1,644,974		
	136:	1,645,050		33:	1,645,073		44:	1,645,429		59:	1,644,897			1,645,467		189:	1,645,503		
	148:	1,645,383		34:	1,644,963	232-	73:	1,645,148		72:	1,644,947		281-	37:	1,644,706		194:	1,645,345	
193-	42:	1,645,458	212-	126:	1,644,770		41:	1,645,274		252-	5:	1,645,198		282-	21:	1,644,955			
	43:	1,644,999		142:	1,645,455	235-	22:	1,644,957		294-	197:	1,645,014							
194-	1:	1,644,752	213-	14:	1,645,361		59:	1,644,897		255-	14:	1,644,913							
	85:	1,645,442		21:	1,645,205		67:	1,645,009			33:	1,645,472							
196-	47:	1,644,736		43:	1,645,408		8:	1,644,918			35:	1,644,862							
	48:	1,644,991		116:	1,645,459	236-	6:	1,644,918			72:	1,644,947							
198-	26:	1,645,315	214-	6:	1,645,363		15:	1,645,350			3:	1,644,846							
200-	55:	1,645,382																	
	59:	1,644,797																	
	1,645,362																		

ALPHABETICAL LIST OF REGISTRANTS OF TRADE-MARKS.

- A/S. Flsker & Nielsen, Copenhagen, Denmark. Vacuum cleaners, brushing and polishing machines, etc. 234,055; Oct. 18; Serial No. 246,274; published Aug. 9, 1927. Class 21.
- Alkin, Merrill, St. Petersburg, Fla. Skin cream used for the prevention of mosquito bites. 234,242; Oct. 18; Serial No. 249,399; published Aug. 9, 1927. Class 6.
- Allen, Mark W., & Co., Detroit, Mich. Laundry soaps, toilet and shaving-cream soaps, etc. 234,030; Oct. 18; Serial No. 249,882; published July 26, 1927. Class 4.
- Alloy Steel and Metals Co., Los Angeles, Calif. Machinery. 234,007; Oct. 18; Serial No. 249,936; published Aug. 9, 1927. Class 23.
- Aluminum Ore Company, Pittsburgh, Pa. Chemical composition for use in the purification of water. 234,040; Oct. 18; Serial No. 249,883; published Aug. 9, 1927. Class 8.
- Amazinc Products Co., The, East Liverpool, Ohio. Cleaning compound. 234,096; Oct. 18; Serial No. 248,026; published July 26, 1927. Class 4.
- American Bread Wrapper Company, Chicago, Ill. Printed paper wrappers. 234,134; Oct. 18; Serial No. 230,705; published July 19, 1927. Class 37.
- American Reforestation Association, Los Angeles, Calif. Periodical and books. 234,122; Oct. 18; Serial No. 235,873; published July 19, 1927. Class 38.
- American Resistor Company, Milwaukee, Wis., assignor to American Resistor Corporation, Philadelphia, Pa. Electrical appliances. 234,147; Oct. 18; Serial No. 214,227; published Aug. 2, 1927. Class 21.
- American Steel and Wire Company of New Jersey, The, Cleveland, Ohio; Chicago, Ill.; Pittsburgh, Pa.; New York, N. Y.; and Worcester, Mass. Cold-rolled-metal strips. 234,317; Oct. 18; Serial No. 237,526; published Aug. 9, 1927. Class 6.
- Anderson, Robert P., Sunbury, Ohio. Medicine. 234,197; Oct. 18; Serial No. 237,526; published Aug. 9, 1927. Class 6.
- Anglin, Richard, Hempstead, N. Y. Antiseptic mouth and throat tablets. 234,212; Oct. 18; Serial No. 251,313; published Aug. 9, 1927. Class 6.
- Anglo-American Pharmaceutical Corp., New York, N. Y. Glycerophosphate syrups, proteid products, greaseless ointments, etc. 234,318; Oct. 18; Serial No. 234,318; published Aug. 9, 1927. Class 6.
- Arco Battery & Plate Co., doing business as Minuet Electric Co., Fort Wayne, Ind. Storage batteries. 234,288; Oct. 18; Serial No. 250,289; published Aug. 2, 1927. Class 21.
- Arcus Ticket Co., Chicago, Ill. Printed tickets, coupons, and restaurant checks. 234,132; Oct. 18; Serial No. 230,865; published June 22, 1926. Class 38.
- Associated Portland Cement Manufacturers, Limited, The, London, England. Portland cement. 234,282; Oct. 18; Serial No. 250,350; published Aug. 2, 1927. Class 12.
- B. and H. Engineering Laboratories, Oakland, Calif. Belt and brake dressing. 234,133; Oct. 18; Serial No. 230,709; published July 19, 1927. Class 4.
- Baird & Bell, Inc., Glendale, Calif. Power-driven meat and bone saws. 234,080; Oct. 18; Serial No. 250,057; published Aug. 9, 1927. Class 23.
- Baird, John L., London, England. Apparatus for use in transmitting views, scenes, or images to a distance by telegraphy. 234,039; Oct. 18; Serial No. 249,886; published Aug. 2, 1927. Class 21.
- Ballantine, P. and Sons, Newark, N. J. Malt sirup for food purposes. 234,031; Oct. 18; Serial No. 245,321; published Apr. 26, 1927. Class 46.
- Baltimore and Ohio Railroad Company, Baltimore, Md. Booklets, circulars, pamphlets, and calendars. 234,244; Oct. 18; Serial No. 249,403; published July 19, 1927. Class 38.
- Barlow, Mrs. Elizabeth, doing business as Non-Fattening Products Co., Rochester, N. Y. Mayonnaise. 234,281; Oct. 18; Serial No. 250,415; published Aug. 2, 1927. Class 46.
- Barrist & Goodwin, Philadelphia, Pa. Magazine. 234,262; Oct. 18; Serial No. 250,895; published Aug. 2, 1927. Class 38.
- Beard, Edward L., New York, N. Y. Telephone-transmitter mouthpieces. 234,021; Oct. 18; Serial No. 249,321; published Aug. 9, 1927. Class 21.
- Beimes, William H., doing business as Every Day Coffee Company, St. Louis, Mo. Coffee. 234,189; Oct. 18; Serial No. 240,058; published Jan. 11, 1927. Class 46.
- Belknap Hardware & Manufacturing Company, Louisville, Ky. Radio receiving sets and radio loud speakers. 234,006; Oct. 18; Serial No. 249,940; published Aug. 2, 1927. Class 21.
- Ben-Burk, Inc., Boston, Mass. Malt sirup. 234,154; Oct. 18; Serial No. 247,407; published May 31, 1927. Class 46.
- Ben-Burk, Inc., Boston, Mass. Malt sirup. 234,167; Oct. 18; Serial No. 246,735; published May 10, 1927. Class 46.
- Ben-Burk, Inc., Boston, Mass. Malt sirup. 234,168; Oct. 18; Serial No. 246,732; published May 10, 1927. Class 46.
- Ben-Burk, Inc., Boston, Mass. Malt sirup. 234,169; Oct. 18; Serial No. 246,734; published May 17, 1927. Class 46.
- Ben-Burk, Inc., Boston, Mass. Malt sirup. 234,170; Oct. 18; Serial No. 246,731; published May 10, 1927. Class 46.
- Berland Shoe Stores Inc., St. Louis, Mo. Women's shoes and hosiery. 234,128; Oct. 18; Serial No. 245,618; published July 12, 1927. Class 39.
- Birmingham & Prosser Company, Kalamazoo, Mich. Book paper. 234,301; Oct. 18; Serial No. 249,887; published Aug. 9, 1927. Class 22.
- Berry, James H., Bakersfield, Calif. Soap flakes. 234,157; Oct. 18; Serial No. 247,162; published July 26, 1927. Class 4.
- Binghamton Waterproofing Company, Binghamton, N. Y. Black dressing for auto tops. 234,155; Oct. 18; Serial No. 247,309; published July 26, 1927. Class 4.
- Blanchard, N. C. Company, Harriman, Tenn. Golf shafts and golf clubs. 234,038; Oct. 18; Serial No. 249,887; published Aug. 9, 1927. Class 22.
- Blank & Gottshall Co., Inc., Sunbury and Williamsport, Pa. Stock feeds including poultry feeds, comprising chick starter, chick grains, growing mash, etc. 234,079; Oct. 18; Serial No. 250,059; published Aug. 2, 1927. Class 46.
- Blechman, S., & Sons, Inc., New York, N. Y. Rattles, dolls, bunnies, and toy animals. 234,156; Oct. 18; Serial No. 247,250; published Aug. 9, 1927. Class 22.
- Borgfeldt, Geo., & Co., New York, N. Y. Clocks and parts thereof. 234,296; Oct. 18; Serial No. 250,157; published Aug. 2, 1927. Class 27.
- Brittenall Manufacturing Co., Inc., New York, N. Y. Deteriorating, cleaning, and polishing compound for metal ware. 234,105; Oct. 18; Serial No. 247,673; published July 19, 1927. Class 4.
- Brooks Oil Company, The, Cleveland, Ohio. Gasoline, kerosene, lubricating oil, etc. 234,141; Oct. 18; Serial No. 224,232; published July 27, 1926. Class 15.
- Brownville Canning Company, Brownsville, Wis. Canned vegetables. 234,293; Oct. 18; Serial No. 250,223; published Aug. 9, 1927. Class 46.
- Bryant, Cuno R., Portland, Oreg. Account books and accounting forms. 234,029; Oct. 18; Serial No. 245,080; published July 26, 1927. Class 37.
- Buck and Rayner, doing business as The Century Products Co., Chicago, Ill. Soap. 234,176; Oct. 18; Serial No. 243,413; published July 26, 1927. Class 4.
- Buzza Company, The, Minneapolis, Minn. Gift mottoes. 234,119; Oct. 18; Serial No. 234,371; published July 26, 1927. Class 38.
- Buzza Company, The, Minneapolis, Minn. Tally cards and score pads. 234,134; Oct. 18; Serial No. 230,081; published July 12, 1927. Class 37.
- Cairo Products Co., (See McCarthy, Callaghan J.)
- Carson Pirie Scott & Co., Chicago, Ill. Men's and boys' union suits. 234,110; Oct. 18; Serial No. 231,523; published July 5, 1927. Class 39.
- Caulkins, Cecil P., New London, Conn. Game. 234,202; Oct. 18; Serial No. 250,975; published Aug. 9, 1927. Class 22.
- Century Products Co., The, (See Buck and Rayner.)
- Chabrow Brothers, Philadelphia, Pa. Butter and bread. 234,142; Oct. 18; Serial No. 224,080; published Aug. 2, 1927. Class 46.
- Champion Refining Company, Enid, Okla. Gasoline. 234,126; Oct. 18; Serial No. 245,471; published Aug. 2, 1927. Class 15.
- Chicago Gum Tape Company, Chicago, Ill. Gummed and ungummed paper sealing, veneer, and stay tapes. 234,054; Oct. 18; Serial No. 246,331; published July 19, 1927. Class 37.
- Clarke, Harry C., & Co., East Pittsburgh, Pa. Preparation for polishing silver, nickel, brass, aluminum, and copper. 234,047; Oct. 18; Serial No. 248,673; published July 19, 1927. Class 4.
- Clogg, Folmer, & Co., Lancaster, Columbia, and Philadelphia, Pa.; New York, N. Y.; and San Francisco, Calif. Umbrellas, umbrella ribs, and umbrella frames. 234,198; Oct. 18; Serial No. 237,230; published July 26, 1927. Class 41.
- Cluever, Edna S., doing business as

Colgate & Company, Jersey City, N. J. Soap flakes. 234,000; Oct. 18; Serial No. 250,013; published July 26, 1927. Class 4.

Colgate & Company, Jersey City, N. J. Soap flakes. 234,001; Oct. 18; Serial No. 250,012; published July 19, 1927. Class 4.

Colgate & Company, Jersey City, N. J., and New York, N. Y. Soap. 234,002; Oct. 18; Serial No. 250,011; published July 19, 1927. Class 4.

Collins, J. N., Company, Minneapolis, Minn. Sirup for ice-cream sundaes and food purposes. 234,077-8; Oct. 18; Serial Nos. 250,070-1; published Aug. 2, 1927. Class 46.

Consolidated Millinery Company, Chicago, Ill. Ladies' and misses' hats. 234,011-12; Oct. 18; Serial Nos. 249,342-3; published July 12, 1927. Class 39.

Consolidated Millinery Company, Chicago, Ill. Ladies' and misses' hats. 234,013-14; Oct. 18; Serial Nos. 249,339-40; published July 12, 1927. Class 39.

Consolidated Millinery Company, Chicago, Ill. Ladies' and misses' hats. 234,015-16; Oct. 18; Serial Nos. 249,333-4; published July 12, 1927. Class 39.

Consolidated Millinery Company, Chicago, Ill. Ladies' and misses' hats. 234,017; Oct. 18; Serial No. 249,330; published July 12, 1927. Class 39.

Consolidated Millinery Company, Chicago, Ill. Ladies' and misses' hats. 234,018; Oct. 18; Serial No. 249,326; published July 12, 1927. Class 39.

Consolidated Millinery Company, Chicago, Ill. Ladies' and misses' hats. 234,241; Oct. 18; Serial No. 249,327; published July 12, 1927. Class 39.

Consumers Brewing Company of New York Limited, New York, N. Y. Malt sirup. 234,127; Oct. 18; Serial No. 245,474; published May 3, 1927. Class 46.

Cooke Auto School. (See Coyne Trade & Engineering School.)

Corn Products Refining Company, New York, N. Y. Edible starch. 234,264; Oct. 18; Serial No. 250,837; published Aug. 2, 1927. Class 46.

Coyne Trade & Engineering School, doing business as Cooke Auto School, assignor to Job-Way Home Study, Inc., Chicago, Ill. Printed lessons and lectures. 234,151; Oct. 18; Serial No. 186,828; published Aug. 2, 1927. Class 38.

Craine, Benjamin H., doing business as Rembrandt Studios, Detroit, Mich. Photographs. 234,163-4; Oct. 18; Serial Nos. 246,818-19; published July 26, 1927. Class 38.

Daily Review Corporation, Rockville Center, N. Y. Newspapers. 234,292; Oct. 18; Serial No. 250,231; published July 19, 1927. Class 38.

Daisy Products, Inc., The, New York, N. Y. Hand bags and hat bags. 234,298; Oct. 18; Serial No. 250,737; published Aug. 2, 1927. Class 3.

Davis, C. E., & A. E. Davis, Reedville, Va. Canned fish roe and fish. 234,179; Oct. 18; Serial No. 242,711; published Aug. 9, 1927. Class 46.

Davis, N., & Company, Inc., Baltimore, Md. Pickled herring. 234,276; Oct. 18; Serial No. 250,529; published Aug. 9, 1927. Class 46.

Delage, Marc, Paris, France. Dentifrices. 234,311; Oct. 18. Class 6.

Denend, Joseph F., doing business as Wurzenburg Malt Extract Co., Chicago, Ill. Malt sirup. 234,052; Oct. 18; Serial No. 245,898; published June 7, 1927. Class 46.

Dernoga, J. S., doing business as Drum Polish Co., Baltimore, Md. Metal polish. 234,291; Oct. 18; Serial No. 250,232; published Aug. 2, 1927. Class 4.

Derrenbacher, Wm., Inc., New York and Brooklyn, N. Y. Candy. 234,114; Oct. 18; Serial No. 232,913; published July 26, 1927. Class 46.

Diei Watch Case Co., Inc., New York, N. Y. Watches and parts thereof. 234,210; Oct. 18; Serial No. 251,177; published Aug. 9, 1927. Class 27.

Dilbert Bros., Inc., New York and Brooklyn, N. Y. Eggs. 234,280; Oct. 18; Serial No. 250,445; published Aug. 2, 1927. Class 46.

Dixon, L. S., & Co., Ltd., Liverpool, England. Boards of paper or bongs. 234,111; Oct. 18; Serial No. 231,530; published July 26, 1927. Class 37.

Dog and Cat Drug Stores, Inc., The, Baltimore, Md. Periodical. 234,063; Oct. 18; Serial No. 249,812; published July 19, 1927. Class 38.

Dow, Louis F., Co., St. Paul, Minn. Greeting cards, wall calendars, etc. 234,218; Oct. 18; Serial No. 244,494; published Aug. 9, 1927. Class 38.

Drum Polish Co. (See Dernoga, J. S.)

Economy Malt Company. (See Stone, Samuel H.)

Electrical Manufacturing & Piping Company, Hampton Wick, Kingston-on-Thames, England. Loud speakers for wireless telephony. 234,216; Oct. 18; Serial No. 244,923; published Aug. 9, 1927. Class 21.

Elne's Incorporated, Milwaukee, Wis. Candy. 234,213; Oct. 18; Serial No. 251,326; published Aug. 9, 1927. Class 46.

Embroidery Manufacturers Association, Inc., Union City, N. J. Publication. 234,287; Oct. 18; Serial No. 250,302; published July 19, 1927. Class 38.

Emily Shops, Inc., New York, N. Y. Blouses, dresses, sweaters, suits, ensemble suits, and hats. 234,249; Oct. 18; Serial No. 249,467; published July 12, 1927. Class 39.

Englander Spring Bed Co., Brooklyn, N. Y. Beds. 234,303; Oct. 18. Class 32.

Estes, William H., doing business as Estes Bakery, Ardmore, Okla. Bread. 234,252; Oct. 18; Serial No. 249,579; published Aug. 2, 1927. Class 46.

Every Day Coffee Company. (See Belmes, William H.)

Evkob Watch Co., New York, N. Y. Watches. 234,258; Oct. 18; Serial No. 249,652; published Aug. 2, 1927. Class 27.

Excelsior Baking Co., Inc., Minneapolis, Minn. Toast. 234,320; Oct. 18. Class 46.

Exporters & Importers Journal, Inc., New York, N. Y.; Boston, Mass.; San Francisco, Calif.; London and Liverpool, England. Magazine. 234,092; Oct. 18; Serial No. 248,167; published Aug. 2, 1927. Class 38.

Faber, Eberhard, Pencil Company, Brooklyn, N. Y. Lead pencils. 234,037; Oct. 18; Serial No. 249,895; published July 26, 1927. Class 37.

Federal Food Products Company. (See Giroux Company, Inc.)

Fiction House, Inc., New York, N. Y. Magazine. 234,036; Oct. 18; Serial No. 249,897; published July 26, 1927. Class 38.

Field & Flint Co., Boston and Brockton, Mass. Shoes. 234,158; Oct. 18; Serial No. 247,070; published July 12, 1927. Class 39.

Florita, John R., Company, St. Louis, Mo. Fresh, stuffed, and candied dates. 234,313; Oct. 18. Class 46.

Fishelov, Irving H., doing business as H. Fishelov & Co., Chicago, Ill. Toy U. S. mail wagons, mail trucks, etc. 234,004; Oct. 18; Serial No. 249,962; published Aug. 9, 1927. Class 22.

Frank, M. H., & Co., New York, N. Y. Bridge-outfit container. 234,223; Oct. 18; Serial No. 248,766; published Aug. 9, 1927. Class 22.

Freshman, Chas., Co., Inc., New York, N. Y. Radio receiving sets and radio parts. 234,072-3; Oct. 18; Serial Nos. 249,717-18; published Aug. 9, 1927. Class 21.

Fut Rub Co., The, Chicago, Ill. Liquid preparation to relieve ailing feet. 234,310; Oct. 18. Class 6.

General Citrus Corporation, Los Angeles, Calif. Beverage sold as a soft drink. 234,193; Oct. 18; Serial No. 239,101; published Aug. 9, 1927. Class 45.

General Distributing Company, Detroit, Mich. Trunks. 234,321; Oct. 18. Class 3.

Gilbert, William H., doing business as The Gilbert Signal Company, Los Angeles, Calif. Automobile drivers' electric signal lights. 234,188; Oct. 18; Serial No. 240,253; published Feb. 15, 1927. Class 21.

Gilmore Oil Company, Los Angeles, Calif. Asphalt, asphaltic binder, cement, etc. 234,236; Oct. 18; Serial No. 249,062; published Aug. 2, 1927. Class 12.

Giroux Company, Inc., doing business as Federal Food Products Corp., New York, N. Y. Worcestershire sauce. 234,205; Oct. 18; Serial No. 251,033; published Aug. 2, 1927. Class 46.

Goetz, M. K., Brewing Co., St. Joseph, Mo. Malt cereal beverages. 234,125; Oct. 18; Serial No. 236,264; published Oct. 26, 1926. Class 48.

Goodman, Robert, doing business as Goody Products Company, Philadelphia, Pa. Malt extract. 234,162; Oct. 18; Serial No. 246,831; published May 31, 1927. Class 46.

Goodrich, B. F., Company, The, New York, N. Y. Adhesive cement. 234,182; Oct. 18; Serial No. 241,822; published Aug. 2, 1927. Class 5.

Goody Products Company. (See Goodman, Robert.)

Gottlieb, Joseph, doing business as Jagot, New York, N. Y. Watches, watch movements, and parts of the same. 234,091; Oct. 18; Serial No. 248,176; published Aug. 2, 1927. Class 27.

Graf, William, doing business as Southwark Beverage & Products Co., Philadelphia, Pa. Malt sirups. 234,082; Oct. 18; Serial No. 248,362; published June 14, 1927. Class 46.

Graham Paper Company, St. Louis, Mo. Book paper. 234,053; Oct. 18; Serial No. 245,905; published July 19, 1927. Class 37.

Grant, Theodore P., doing business as T. P. Grant Co., Somerville, Mass. Cheese. 234,319; Oct. 18. Class 46.

Grant, W. T., Company, Lynn, Mass., and New York, N. Y. Phonograph records. 233,999; Oct. 18; Serial No. 250,022; published Aug. 9, 1927. Class 36.

Gross-Brennan, Inc., New York, N. Y. Publication. 234,290; Oct. 18; Serial No. 250,238; published July 19, 1927. Class 38.

Gross Chandelier Co., St. Louis, Mo. Electric-lighting fixtures. 234,020; Oct. 18; Serial No. 249,222; published Aug. 2, 1927. Class 21.

Hagen-Becker Company, St. Paul, Minn. Malt extract. 234,307; Oct. 18. Class 46.

Haire Publishing Company, Inc., New York, N. Y. Magazine. 234,274; Oct. 18; Serial No. 250,016; published Aug. 2, 1927. Class 38.

Hanson, Minnie A., doing business as Kleinslick Mfg. Co., St. Paul, Minn. Powdered hand soap. 234,162; Oct. 18; Serial No. 247,614; published July 26, 1927. Class 4.

Harmon, Frank S., doing business as Tom-A-Hawk Farms, Burton, Ohio. Live cattle and hogs. 234,266; Oct. 18; Serial No. 250,797; published Aug. 9, 1927. Class 46.

Harvard Lock Mfg. Co. (See Rosenberg, Abraham.)

Hecker-H-O Company, Inc., Buffalo, N. Y. Whole-wheat cereal foods. 234,046; Oct. 18; Serial No. 248,683; published Aug. 2, 1927. Class 46.

Hershfield, Sarah J., New York, N. Y. Cartoon strip. 234,298-300; Oct. 18; Serial Nos. 250,124-6; published July 26, 1927. Class 38.

Hoberg Paper & Fibre Company, Green Bay, Wis. Toilet paper. 234,041; Oct. 18; Serial No. 248,688; published July 19, 1927. Class 37.

Hoberg Paper & Fibre Company, Green Bay, Wis. Toilet paper. 234,042; Oct. 18; Serial No. 248,687; published July 26, 1927. Class 37.

Hoberg Paper & Fibre Company, Green Bay, Wis. Toilet paper. 234,043-5; Oct. 18; Serial Nos. 248,684-6; published July 19, 1927. Class 37.

Hoberg Paper & Fibre Company, Green Bay, Wis. Toilet paper. 234,227-9; Oct. 18; Serial Nos. 248,689-91; published July 19, 1927. Class 37.

Hoffman, Samuel L., doing business as S. L. Hoffman & Co., New York, N. Y. House dresses and aprons. 234,097; Oct. 18; Serial No. 248,000; published June 28, 1927. Class 39.

Hohner, M., Inc., New York, N. Y. Mouth harmonicas. 234,051; Oct. 18; Serial No. 248,494; published Aug. 2, 1927. Class 36.

Holdenville Mill & Elevator Co. (See Moore Bros.)

Hollidge, C. Crawford, Boston, Mass. Undergarments and clothing. 234,172; Oct. 18; Serial No. 244,156; published July 12, 1927. Class 59.

Hospital Specialty Co., The, Cleveland, Ohio. Cold-cream remover made in the form of paper napkins. 234,192; Oct. 18; Serial No. 239,112; published Aug. 9, 1927. Class 37.

Houghton, E. F., & Co., Philadelphia, Pa. Check straps for textile looms. 234,208; Oct. 18; Serial No. 251,039; published Aug. 9, 1927. Class 23.

House, L., & Sons Co., Inc., Syracuse, N. Y. Maltless beverages sold as soft drinks and sirups for making the same. 234,295; Oct. 18; Serial No. 250,175; published Aug. 9, 1927. Class 45.

Hudson, J. L., Company, The, Detroit, Mich. Playing cards. 234,086; Oct. 18; Serial No. 248,234; published Aug. 9, 1927. Class 22.

Hume, G. W., Company, San Francisco, Calif. Canned fruits and vegetables. 234,118; Oct. 18; Serial No. 234,302; published Aug. 9, 1927. Class 46.

Humphrey Fruit Farm, Belleville, W. Va. Farm products. 234,183; Oct. 18; Serial No. 241,531; published Aug. 2, 1927. Class 46.

Hutchinson, J. G., & Company, Ottumwa, Iowa. Writing paper. 234,071; Oct. 18; Serial No. 249,725; published July 26, 1927. Class 37.

Independent Grocers' Alliance. (See Marketing Specialists, Inc.)

Independent Oil & Chemical Company. (See Trivisono, Louis M.)

International Corset Company, Aurora, Ill. Corsets and hip confiners. 234,245; Oct. 18; Serial No. 249,424; published July 12, 1927. Class 39.

Jagot. (See Gottlieb, Joseph.)

Jambor Tool & Stamping Company, Milwaukee, Wis. Automobile accessories—namely, spark timers and electric wiring sets. 234,113; Oct. 18; Serial No. 231,805; published Aug. 9, 1927. Class 21.

Job-Way Home Study, Inc. (See Coyne Trade & Engineering School, assignor.)

Kalo Company, The, Quincy, Ill. Livestock remedies. 234,233; Oct. 18; Serial No. 248,842; published Aug. 9, 1927. Class 6.

Kana, S., Sons Company, The, Washington, D. C. Shoes. 234,226; Oct. 18; Serial No. 247,694; published June 28, 1927. Class 39.

Kasal, Joseph, Chicago, Ill. Malt extract. 234,088; Oct. 18; Serial No. 247,544; published July 12, 1927. Class 46.

Kellogg Company, Battle Creek, Mich. Cereal breakfast food. 234,062; Oct. 18; Serial No. 249,852; published July 26, 1927. Class 46.

Kendall Mills, Inc., Walpole, Mass. Publication. 234,112; Oct. 18; Serial No. 231,935; published July 19, 1927. Class 38.

Kessler, Albert, doing business as F. A. Kessler, Mittweld, Germany. Pot scourers having the form of woven metal iron pads. 234,187; Oct. 18; Serial No. 240,355; published Aug. 2, 1927. Class 4.

Keystone Mushroom Company, Pomeroy and Conesville, Pa. Canned mushrooms. 234,306; Oct. 18. Class 46.

Kislinger, Joseph B., New York, N. Y. Watches, watch dials, frames, etc. 234,145; Oct. 18; Serial No. 223,584; published Aug. 9, 1927. Class 27.

Kleinslick Mfg. Co. (See Hanson, Minnie A.)

Knapp Electric Corporation, Port Chester, N. Y. Electric motors generally, and particularly electric motors suitable for driving fans. 234,058; Oct. 18; Serial No. 245,057; published Aug. 2, 1927. Class 21.

Knapp Electric Corporation, Port Chester, N. Y. Electric motors generally, and particularly electric motors suitable for driving fans. 234,059; Oct. 18; Serial No. 245,059; published Aug. 2, 1927. Class 21.

Know St. Louis Publishing Co., St. Louis, Mo. Weekly publication and periodical. 234,035; Oct. 18; Serial No. 249,911; published July 19, 1927. Class 38.

Kozak. (See Walker, Edward C.)

Kremer, Nicholas, doing business as Kremer's Malt Extract Company, Chicago, Ill. Malt extracts. 234,067; Oct. 18; Serial No. 249,798; published July 19, 1927. Class 46.

Larada Coffee House. (See O'Connor, Edward J.)

Lenza & Spitz, New York, N. Y. Watches. 234,070; Oct. 18; Serial No. 249,734; published Aug. 9, 1927. Class 27.

Levy, Charles M., & Son, New York, N. Y. Articles of jewelry made of precious or semiprecious metals or a combination thereof. 234,095; Oct. 18; Serial No. 248,042; published Aug. 2, 1927. Class 28.

Lexington Electric Products Co., Inc., New York, N. Y. Panels, switchboards, switches, and parts for the same. 234,101; Oct. 18; Serial No. 247,900; published Aug. 9, 1927. Class 21.

Lier Manufacturing Co., The, Sioux City, Iowa. Luggage carriers. 234,253; Oct. 18; Serial No. 249,595; published Aug. 2, 1927. Class 3.

Lizgett & Myers Tobacco Company, New York, N. Y. Smoking and chewing tobacco. 234,217; Oct. 18; Serial No. 244,617; published Aug. 9, 1927. Class 17.

Lincoln, Charles J., New Bedford, Mass. Mailing envelopes, letterheads, invoices, binders, etc. 234,159; Oct. 18; Serial No. 247,029; published July 19, 1927. Class 37.

Lincoln Quality Products Company, The, Cleveland, Ohio. Radio receiving and detecting sets and parts thereof, etc. 234,231; Oct. 18; Serial No. 248,915; published Aug. 2, 1927. Class 21.

Lippmann, Spier & Hahn, New York, N. Y. Bracelets, bead necklaces, brooches, etc. 234,259; Oct. 18; Serial No. 249,666; published Aug. 2, 1927. Class 28.

Manischewitz, B., Company, The, Cincinnati, Ohio. Crackers and cracker meal. 234,050; Oct. 18; Serial No. 248,507; published Aug. 2, 1927. Class 46.

Mansfield Tire & Rubber Co., The, Mansfield, Ohio. Tire casings and inner tubes. 234,190; Oct. 18; Serial No. 239,622; published Aug. 9, 1927. Class 35.

Manus, Samuel, Brooklyn, N. Y. Covers for sheet music. 234,100; Oct. 18; Serial No. 247,902; published July 26, 1927. Class 37.

Marion Steam Shovel Company, The, Marion, Ohio. Magazine. 234,195; Oct. 18; Serial No. 238,125; published July 19, 1927. Class 38.

Maritime Milling Company, Inc., Buffalo, N. Y. Dairy feed. 234,023; Oct. 18; Serial No. 249,229; published Aug. 2, 1927. Class 46.

Marketing Specialists, Inc., doing business as Independent Grocers' Alliance, Chicago, Ill. Publication. 234,107-8; Oct. 18; Serial Nos. 246,966-7; published Aug. 2, 1927. Class 38.

Marketing Specialists, Inc., doing business as Independent Grocers' Alliance, Chicago, Ill. Publication. 234,161; Oct. 18; Serial No. 246,968; published Aug. 2, 1927. Class 38.

Martin & Martin Inc., New York, N. Y. Leather saddles. 234,219; Oct. 18; Serial No. 244,457; published Aug. 2, 1927. Class 3.

Master Products Corporation, San Francisco, Calif. Brake-adjusting device. 234,010; Oct. 18; Serial No. 249,360; published Aug. 9, 1927. Class 23.

May Department Stores Company, New York, N. Y. Shoes. 234,129; Oct. 18; Serial No. 245,850; published July 12, 1927. Class 39.

McCarthy, Callaghan J., doing business as Carlo Products Co., New York, N. Y. Beverage sold as a soft drink. 234,297; Oct. 18; Serial No. 250,129; published Aug. 9, 1927. Class 46.

McGowan, Frank A., Canton, Ohio. Antiseptic, deodorizing, cleansing, and scouring compounds. 234,279; Oct. 18; Serial No. 250,467; published July 19, 1927. Class 4.

Melo-Cream Distributing Co. (See Cluever, Edna S.)

Merker, Monte C., Harrisburg, Pa. Malt sirup. 234,030; Oct. 18; Serial No. 245,447; published May 17, 1927. Class 46.

Merrill-Clark-Melnic, Inc., New York, N. Y. Gloves, underwear, hosiery, etc. 234,184; Oct. 18; Serial No. 241,665; published July 12, 1927. Class 39.

Messerschmidt, Herman, doing business as Schmidt Products Company, Detroit, Mich. Malt sirup. 234,084; Oct. 18; Serial No. 248,312; published June 14, 1927. Class 46.

Middlesex Products Company. (See Reversible Collar Company.)

Miles, W. H., Shoe Co., Inc., Richmond, Va. Boots and shoes. 234,260; Oct. 18; Serial No. 249,668; published July 12, 1927. Class 39.

Millard Candy Company, The, Baltimore, Md. Candy suckers. 234,273; Oct. 18; Serial No. 250,628; published Aug. 9, 1927. Class 46.

Millers Falls Paper Company, Millers Falls, Mass. Bond paper. 234,308; Oct. 18. Class 37.

Millers Falls Paper Company, Millers Falls, Mass. Ledger paper. 234,309; Oct. 18. Class 37.

Miller, Frank D., Denver, Colo. Cartoons. 234,106; Oct. 18; Serial No. 247,625; published July 26, 1927. Class 38.

Miller Products Company, Milwaukee, Wis. Concentrated malt sirup. 234,174; Oct. 18; Serial No. 243,769; published June 14, 1927. Class 46.

Minuet Electric Co. (See Arco Battery & Plate Co.)

Mission Hosiery Mills, Los Angeles, Calif. Hosiery and knit goods. 234,186; Oct. 18; Serial No. 241,427; published July 12, 1927. Class 39.

Mode Publishing Co., Inc., New York, N. Y. Periodical. 234,181; Oct. 18; Serial No. 242,604; published Aug. 2, 1927. Class 38.

Monroe Evening News Co., Monroe, Mich. Newspaper. 234,272; Oct. 18; Serial No. 250,629; published Aug. 2, 1927. Class 38.

Monsanto Chemical Works, St. Louis, Mo. Orthodichlorobenzene and solvents for leather dyes. 234,207; Oct. 18; Serial No. 251,065; published Aug. 9, 1927. Class 6.

Mooney, Albert J., doing business as Wheeling Malt Co., Wheeling, W. Va. Malt sirup. 234,225; Oct. 18; Serial No. 248,708; published June 14, 1927. Class 46.

Moore Bros., doing business as Holdenville Mill & Elevator Co., Holdenville, Okla. Dairy feed mixture. 234,102; Oct. 18; Serial No. 247,863; published Aug. 2, 1927. Class 46.

Motor Requirements Corporation, Camden, N. J. Gasoline purifiers for use with internal-combustion engines. 234,237; Oct. 18; Serial No. 249,087; published Aug. 9, 1927. Class 23.

Mueller, C. F., Company, Jersey City, N. J. Prepared spaghetti. 234,177; Oct. 18; Serial No. 243,226; published Aug. 2, 1927. Class 46.

Musical American Company, The, New York, N. Y. Annual directories of the musical resources of the United States and Canada. 234,076; Oct. 18; Serial No. 250,090; published July 26, 1927. Class 38.

National Association of Leather Glove and Mitten Manufacturers, Utica, N. Y. Leather gloves. 234,140; Oct. 18; Serial No. 210,803; published July 12, 1927. Class 39.

National Cloak & Suit Co., New York, N. Y. Kitchen cabinets. 234,183; Oct. 18; Serial No. 241,952; published Aug. 9, 1927. Class 32.

National Paper Products Company, San Francisco, Calif. Toilet tissue cabinets. 234,305; Oct. 18; Class 2.

Nederland Bakery. (See Yentzen, George J.)

New Jersey Storage Battery Company. (See Staudt, Charles.)

New York Canners, Inc., Rochester, N. Y. Canned fruits and vegetables. 234,208; Oct. 18; Serial No. 251,075; published Aug. 9, 1927. Class 46.

Newark Paraffine and Parchment Paper Co., Newark, N. J., and New York, N. Y. Glassine, waxed paper, and combination of waxed glassine paper. 234,178; Oct. 18; Serial No. 243,061; published July 26, 1927. Class 37.

Niagara Sprayer Company, Middleport, N. Y. Parasiticides. 234,115; Oct. 18; Serial No. 233,142; published Jan. 4, 1927. Class 6.

Nicholson, Mollie D., Chevy Chase, Md. Publication. 234,008; Oct. 18; Serial No. 250,033; published July 19, 1927. Class 38.

Nicolsa, Vincent N., Houston, Tex. Hair-waving fluid. 234,302; Oct. 18; Class 6.

Non-Fattening Products Co. (See Barlow, Mrs. Elizabeth.)

Non-Skid Balloon Heel Corporation, Chicago, Ill. Rubber heels. 234,146; Oct. 18; Serial No. 223,319; published July 5, 1927. Class 39.

Novack, Maurice L., Minneapolis, Minn. Finger rings. 234,116; Oct. 18; Serial No. 233,457; published Aug. 2, 1927. Class 28.

Nubuck Underwear Company, Kansas City, Mo. Men's textile-fabric union-suit underwear. 234,246; Oct. 18; Serial No. 249,430; published July 12, 1927. Class 39.

Oakite Products, Inc., New York, N. Y. General cleaning and washing compound. 234,061; Oct. 18; Serial No. 249,859; published July 19, 1927. Class 4.

Oehlert Electric Company, Pittsburgh, Pa. Electric-lighting fixtures. 234,277; Oct. 18; Serial No. 250,518; published Aug. 2, 1927. Class 21.

O'Connell, Charles S., Meriden, Conn. Golf balls. 234,185; Oct. 18; Serial No. 230,565; published Aug. 9, 1927. Class 22.

O'Connor, Edward J., doing business as Larada Coffee House, Youngstown, Ohio. Coffee, teas, rice, and food-flavoring extracts. 234,221; Oct. 18; Serial No. 244,364; published Aug. 2, 1927. Class 46.

Ollendorff, L. Co., Inc., New York, N. Y. Watches, clocks, and their cases and movements. 234,069; Oct. 18; Serial No. 249,745; published Aug. 9, 1927. Class 27.

Optical Products Corporation, New York, N. Y. Frames, rims, and nose pieces for eyeglasses. 234,286; Oct. 18; Serial No. 250,319; published Aug. 9, 1927. Class 26.

Osetkowski, Andrew A., doing business as Red Boy Products Co., Detroit, Mich. Malt sirup and malt extracts. 234,057; Oct. 18; Serial No. 246,496; published July 19, 1927. Class 46.

Owens, Thomas W., Wesleyville, Pa. Reversible hame ruz. 234,285; Oct. 18; Serial No. 250,321; published July 26, 1927. Class 3.

Pans Dye Company, Newark, N. J. Dyes. 234,028; Oct. 18; Serial No. 249,190; published Aug. 9, 1927. Class 6.

Packard, M. A., Company, Brockton, Mass. Boots and shoes. 234,081; Oct. 18; Serial No. 248,437; published July 12, 1927. Class 39.

Palmetto Coffee Company, Inc., Washington, D. C. Eggs and butter. 234,056; Oct. 18; Serial No. 216,116; published Aug. 2, 1927. Class 46.

Papadeas, John D., Inc., New York, N. Y. Olive oil. 234,124; Oct. 18; Serial No. 236,222; published July 26, 1927. Class 46.

Paper Supply Company, Los Angeles, Calif. Decorative and fancy papers. 234,180; Oct. 18; Serial No. 242,744; published Aug. 9, 1927. Class 37.

Paramount Distilled Water Co., New York, N. Y. Ginger ale and sirup for making the same. 234,075; Oct. 18; Serial No. 250,093; published Aug. 9, 1927. Class 45.

Parke, Davis & Company, Detroit, Mich. Soap and germicidal soap. 234,278; Oct. 18; Serial No. 250,473; published July 26, 1927. Class 4.

Parker Hosiery Mill & Dye Works, Inc., Portsmouth, Va. Stockings. 234,250; Oct. 18; Serial No. 249,536; published July 12, 1927. Class 39.

Patterson, Robert H., Atlanta, Ga. Soft drinks. 234,261; Oct. 18; Serial No. 250,936; published Aug. 9, 1927. Class 45.

Pawtucket Braided Line Company, Inc., Pawtucket, R. I. Fishing lines. 234,144; Oct. 18; Serial No. 223,053; published Aug. 9, 1927. Class 22.

Pearson Brothers, London, England. Waterproof coats and capes. 234,160; Oct. 18; Serial No. 246,076; published July 5, 1927. Class 39.

Peerless Chemical Co., Inc., New York, N. Y. Window-cleaning preparation. 234,271; Oct. 18; Serial No. 250,633; published Aug. 2, 1927. Class 4.

Phenix Cheese Corporation, New York, N. Y. Cheese. 234,117; Oct. 18; Serial No. 234,051; published Aug. 9, 1927. Class 46.

Phillips, Walter P., Boston, Mass. Greeting cards. 234,304; Oct. 18; Class 38.

Photomaton, Inc., New York, N. Y. Photographic sensitized plates, films, papers, cameras, lenses, and developing apparatus. 234,199; Oct. 18; Serial No. 250,937; published Aug. 9, 1927. Class 26.

Platten, Emmet, doing business as Platten Refrigeration Company, Green Bay, Wis. Refrigeration counters. 234,089; Oct. 18; Serial No. 247,444; published July 26, 1927. Class 31.

Posner, David H., Inc., Boston, Mass. Dress, negligee, and work shirts. 234,232; Oct. 18; Serial No. 248,924; published June 28, 1927. Class 39.

Procter & Gamble Company, The, Cincinnati, Ohio. Washing powder. 234,222; Oct. 18; Serial No. 248,792; published July 19, 1927. Class 4.

Puritan Chemical Company, Atlanta, Ga. Liquid cleanser. 234,255; Oct. 18; Serial No. 249,602; published July 19, 1927. Class 4.

Quaker Oats Company, The, Chicago, Ill. Stock feed. 234,130; Oct. 18; Serial No. 245,749; published July 26, 1927. Class 46.

Quaker Oats Company, The, Chicago, Ill. Poultry and stock feeds. 234,131; Oct. 18; Serial No. 245,655; published July 26, 1927. Class 46.

Radiant Laboratories, Inc., Cleveland, Ohio. Radio-frequency transformers. 234,270; Oct. 18; Serial No. 250,638; published Aug. 2, 1927. Class 21.

Railway Equipment and Publication Company, The, New York, N. Y. Periodical. 233,997-8; Oct. 18; Serial Nos. 250,937-8; published July 19, 1927. Class 38.

Red Boy Products Co. (See Osetkowski, Andrew A.)

Red Star News Company, The, New York, N. Y. Magazine. 234,200; Oct. 18; Serial No. 250,938; published Aug. 2, 1927. Class 38.

Red Sun Products Company, Chicago, Ill. Hop-flavored malt sirup. 234,173; Oct. 18; Serial No. 243,887; published May 31, 1927. Class 46.

Reliance Manufacturing Company, Chicago, Ill. Work shirts. 234,094; Oct. 18; Serial No. 245,058; published July 12, 1927. Class 39.

Rembrandt Studios. (See Crane, Benjamin H.)

Renard, Inc., Kalamazoo, Mich. Soap. 234,251; Oct. 18; Serial No. 249,541; published July 19, 1927. Class 4.

Renware Pharmacal Co., Manchester, N. H. Antiseptic mouth wash and gargle. 234,211; Oct. 18; Serial No. 251,244; published Aug. 9, 1927. Class 6.

Reversible Collar Company, doing business as Middlesex Products Company, Boston, Mass. Paper. 234,153; Oct. 18; Serial No. 247,571; published July 26, 1927. Class 37.

Rice, H. E., Company, Muskegon, Mich. Pocketbooks, key cases, cigarette cases, etc. 234,049; Oct. 18; Serial No. 248,594; published July 26, 1927. Class 3.

Richards Company, Inc., Boston, Mass. Babbitt metal. 234,003; Oct. 18; Serial No. 249,904; published Aug. 2, 1927. Class 14.

Richardson, Almon E., Melrose Highlands, Mass. Combination order slip and bottle closure. 234,254; Oct. 18; Serial No. 249,601; published July 19, 1927. Class 37.

Rico Laboratories, Denver, Colo. Soap pastes. 234,238; Oct. 18; Serial No. 249,096; published July 19, 1927. Class 4.

Rockford Malleable Iron Works, Rockford, Ill. Iron-carbon alloy. 234,066; Oct. 18; Serial No. 249,809; published Aug. 2, 1927. Class 14.

Rocky Mountain Packing Corporation, Salt Lake City, Utah. Canned fruits, vegetables, and catchup. 234,074; Oct. 18; Serial No. 250,096; published Aug. 2, 1927. Class 46.

Rosenberg, Abraham, doing business as Harvard Lock Mfg. Co. and Harvard Lock & Hdwe. Co., New York, N. Y. Cylinder-rim night latches. 234,316; Oct. 18; Class 25.

Rosenberg, August, New York, N. Y. Printed booklets and printed sheets. 234,032; Oct. 18; Serial No. 245,227; published July 26, 1927. Class 38.

Rozell, J. D., Company, Peoria, Ill. Pasteurized milk. 234,139; Oct. 18; Serial No. 227,911; published Aug. 2, 1927. Class 46.

Rumford Chemical Works, Providence, R. I. Chemical cleansing and burnishing compound for use on metallic surfaces. 234,234; Oct. 18; Serial No. 248,930; published Aug. 9, 1927. Class 6.

Russ, Harry O., Boston, Mass. Coal. 234,138; Oct. 18; Serial No. 229,253; published June 1, 1926. Class 1.

Russia Cement Company, Gloucester, Mass. Adhesive paste. 233,996; Oct. 18; Serial No. 250,039; published Aug. 9, 1927. Class 5.

Sammon, John J., doing business as J. J. Sammon, Boston, Mass. Hand-cleaning preparation. 234,027; Oct. 18; Serial No. 249,194; published July 19, 1927. Class 4.

Saugamon Coal Company, Chicago, Ill. Coal. 234,294; Oct. 18; Serial No. 250,191; published Aug. 2, 1927. Class 1.

Savory, Inc., Buffalo, N. Y. Electric fans. 234,215; Oct. 18; Serial No. 244,960; published Aug. 9, 1927. Class 21.

Savoy Watch Co., Inc., New York, N. Y. Watches, watchcases, etc. 234,239; Oct. 18; Serial No. 249,100; published Aug. 9, 1927. Class 27.

Schettlin, Emil, Basel, Switzerland. Preparation for the prevention and treatment of tuberculosis. 234,315; Oct. 18; Class 6.

Schlosser, Louis, doing business as L. Schlosser & Co., Chicago, Ill. Tablets of sugar and other ingredients used in the preparation of soft drinks. 234,019; Oct. 18; Serial No. 249,196; published Aug. 9, 1927. Class 45.

Schmidt Products Company. (See Messerschmidt, Herman.)

Schroeder Bros., New York, N. Y. Cheese, olive oil, and canned tomatoes. 234,083; Oct. 18; Serial No. 248,327; published Aug. 2, 1927. Class 46.

Schulzfabrik Hassia A. G., Offenbach-on-the-Main, Germany. Shoes. 234,168; Oct. 18; Serial No. 246,780; published July 12, 1927. Class 39.

Schwartz, J., Music Co., Inc., New York, N. Y. Musical-instrument accessories. 234,009; Oct. 18; Serial No. 249,377; published Aug. 2, 1927. Class 36.

Schwartz, J., Music Co., Inc., New York, N. Y. Musical-instrument accessories. 234,243; Oct. 18; Serial No. 249,379; published Aug. 2, 1927. Class 36.

Segal Lock & Hardware Co., Inc., New York, N. Y. Keys, locks, padlocks, and door bolts. 234,314; Oct. 18; Class 45.

Selmsheimer, H. A., Company, The, Cincinnati, Ohio. Boys' suits, vests, pants, and overcoats. 234,104; Oct. 18; Serial No. 247,824; published July 12, 1927. Class 39.

Shaw, A. W., Company, Chicago, Ill. Magazine. 234,275; Oct. 18; Serial No. 250,572; published July 19, 1927. Class 38.

Shoe & Leather Reporter, Boston, Mass. Publication. 234,203; Oct. 18; Serial No. 251,017; published Aug. 2, 1927. Class 38.

Siegel, Abe, New York, N. Y. Danish pastry. 234,224; Oct. 18; Serial No. 248,732; published July 26, 1927. Class 40.

Skinner, Robert W., Jr., Upper Gwynedd Township, Montgomery County, near North Wales, Pa. Farm products. 234,025; Oct. 18; Serial No. 249,199; published July 26, 1927. Class 46.

Smith, J. P., Shoe Company, Chicago, Ill. Shoes. 234,175; Oct. 18; Serial No. 243,628; published July 12, 1927. Class 39.

Societe Vinicole De Champagne, Paris, France. Champagne wine. 234,022; Oct. 18; Serial No. 249,301; published Aug. 9, 1927. Class 47.

Southwork Beverage & Products Co. (See Graf, William.)

Standard Biscuit Company, Des Moines, Iowa. Animal cookies, biscuits, butter flakes, cheese wafers, etc. 234,121; Oct. 18; Serial No. 235,176; published July 26, 1927. Class 46.

Standard Oil Company, Whiting, Ind., and Chicago, Ill. Gasoline. 234,090; Oct. 18; Serial No. 248,202; published Aug. 2, 1927. Class 15.

Standard Oil Company (New Jersey), Bayonne, N. J. Periodical. 234,068; Oct. 18; Serial No. 249,757; published July 19, 1927. Class 38.

Staudt, Charles, doing business as New Jersey Storage Battery Company, Union City, N. J. Storage batteries. 234,284; Oct. 18; Serial No. 250,331; published Aug. 9, 1927. Class 21.

Sterilized Beverage Manufacturing Co., Inc., Philadelphia, Pa. Beverage sold as a soft drink. 234,247; Oct. 18; Serial No. 249,446; published Aug. 9, 1927. Class 45.

Stone, Samuel H., doing business as Economy Malt Company, Akron, Ohio. Malt sirup. 234,171; Oct. 18; Serial No. 244,246; published June 7, 1927. Class 46.

Sutherland, C. R. & W. J., Albany, N. Y. Butter, cheese, eggs. 234,194; Oct. 18; Serial No. 238,751; published Dec. 14, 1926. Class 46.

Swan-Finch Oil Corporation, New York, N. Y. Illuminating, motor fuel, and lubricating oils and lubricating greases. 234,648; Oct. 18; Serial No. 248,654; published Aug. 2, 1927. Class 15.

T-N-T Spark Plug Company. (See Tuangl Sales Company, The.)

Tawney, Everett F., Winona, Minn. Perfume. 234,209; Oct. 18; Serial No. 251,155; published Aug. 9, 1927. Class 6.

Toledo Scale Company, Toledo, Ohio. House organs issued from time to time. 234,120; Oct. 18; Serial No. 234,420; published Nov. 2, 1926. Class 38.

Tom-A-Hawk Farms. (See Harmon, Frank S.)

Trade Publications, Inc. (See Musical American Company, The, assignor.)

Trav-Ler Manufacturing Corporation, Chicago, Ill. Radio receiving sets and loop aerials. 234,087; Oct. 18; Serial No. 248,207; published Aug. 9, 1927. Class 21.

Trivisone, Louis M., doing business as Independent Oil & Chemical Company, Port Richmond, N. Y. Insect exterminator. 234,093; Oct. 18; Serial No. 248,067; published Aug. 9, 1927. Class 6.

Tropical Food Products Company, Jacksonville, Fla. Malt sirup. 234,240; Oct. 18; Serial No. 249,106; published July 12, 1927. Class 46.

Troy Sunshade Company, The, Troy, Ohio. Carpenters' aprons, work and change aprons. 234,140; Oct. 18; Serial No. 225,208; published July 12, 1927. Class 39.

Tuagl Sales Company, The, Cleveland, Ohio. Spark plugs. 234,148; Oct. 18; Serial No. 212,764; published Aug. 2, 1927. Class 21.

Tuscaloosa Syrup Co., Inc., Tuscaloosa, Ala. Table sirup. 234,269; Oct. 18; Serial No. 250,653; published Aug. 2, 1927. Class 46.

20th Century Manufacturing Co., Midlothian, Tex. Lace-on type blow-out boot or patch for use in automobile tires. 234,165; Oct. 18; Serial No. 246,786; published Aug. 9, 1927. Class 35.

Underberg, Hubert, doing business as H. Underberg-Albrecht, Rheinfelden, Germany. Stomachic. 234,267; Oct. 18; Serial No. 250,769; published Aug. 2, 1927. Class 6.

Union Oil Company of California, Los Angeles, Calif. Lubricating oils and greases. 234,026; Oct. 18; Serial No. 249,140; published Aug. 9, 1927. Class 15.

Universal Mills, Fort Worth, Tex. Scratch feed and egg mash for poultry. 234,214; Oct. 18; Serial No. 251,367; published Aug. 9, 1927. Class 46.

Universal Portland Cement Co., Chicago, Ill. Magazines. 234,201; Oct. 18; Serial No. 250,947; published Aug. 2, 1927. Class 38.

Utica Daily Press Company, Utica, N. Y. Newspaper. 234,265; Oct. 18; Serial No. 250,828; published Aug. 2, 1927. Class 38.

Vetterlein Cigar Company, Pensburg, Pa. Cigars, cigarettes, etc. 234,034; Oct. 18; Serial No. 245,121; published Aug. 9, 1927. Class 17.

Voegele & Dinning Company, The, Huntington, W. Va. Chocolates, bonbons, caramels, etc. 234,123; Oct. 18; Serial No. 235,003; published Oct. 12, 1926. Class 46.

Volton Battery Co., Inc., Brooklyn, N. Y. Batteries. 234,065; Oct. 18; Serial No. 249,825; published Aug. 2, 1927. Class 21.

Wachlin, A. B., Fairfield, Me. Potatoes in their natural state. 234,024; Oct. 18; Serial No. 249,205; published Aug. 9, 1927. Class 46.

Walker, Edward C., doing business as Kozak, Batavia, N. Y. Chemically-treated cloths for cleaning lacquered and enameled finishes. 234,257; Oct. 18; Serial No. 249,623; published July 19, 1927. Class 4.

Waltke, Wm., & Co., St. Louis, Mo. Soap. 234,191; Oct. 18; Serial No. 239,156; published July 19, 1927. Class 4.

Ward, Samuel, Manufacturing Company, Boston, Mass. Leather playing card cases, writing cases, brief cases, portfolios, and pocketbooks. 234,098; Oct. 18; Serial No. 247,975; published Aug. 2, 1927. Class 3.

Wayside Gardens Co., The, Mentor, Ohio. Booklets relating to the culture of flowers and shrubs. 234,109; Oct. 18; Serial No. 246,867; published Aug. 2, 1927. Class 38.

Weeping Water Stone Co., The, Weeping Water, Nebr. Limestone. 234,235; Oct. 18; Serial No. 248,945; published July 19, 1927. Class 1.

Well-Kalter Manufacturing Company, St. Louis, Mo. Ladies' knit underwear. 234,090; Oct. 18; Serial No. 247,919; published July 12, 1927. Class 39.

Westenhoff & Co., Hanover, Germany. Duplicating machines. 234,150; Oct. 18; Serial No. 210,595; published July 19, 1927. Class 37.

Wettengel Corporation, The, Rochester, N. Y. Canned fruits, vegetables, and pork and beans. 234,033; Oct. 18; Serial No. 245,126; published Aug. 2, 1927. Class 46.

Wheeling Malt Co. (See Mooney, Albert J.)

White, Morris, Inc., New York, N. Y. Purses, wallets, etc. 234,289; Oct. 18; Serial No. 250,281; published Aug. 9, 1927. Class 3.

Wilder & Company, Chicago, Ill. Liquid dressing for leather. 234,064; Oct. 18; Serial No. 249,826; published July 19, 1927. Class 4.

Williams, Villor P., assignor to Miriam S. F. Williams, Baltimore, Md. Automobiles. 234,230; Oct. 18; Serial No. 248,803; published Aug. 2, 1927. Class 19.

Winship, Bolt & Co., Wakefield, Mass. Women's and misses' underwear. 234,143; Oct. 18; Serial No. 223,979; published July 12, 1927. Class 39.

Wolverine Rubber Co., Detroit, Mich. Automobile tires and tubes. 234,312; Oct. 18. Class 35.

Wood, W. D., Lumber Company, Birmingham, Ala. Roofing shingles and asphalt roofing materials. 234,137; Oct. 18; Serial No. 229,714; published July 6, 1926. Class 12.

Woods, J. R. & Sons, New York, N. Y. Finger rings. 234,283; Oct. 18; Serial No. 250,336; published Aug. 9, 1927. Class 28.

Wuille, Dan & Company, Incorporated, New York, N. Y. Fresh apples. 234,196; Oct. 18; Serial No. 237,788; published Oct. 12, 1927. Class 46.

Würzenburg Malt Extract Co. (See Denend, Joseph F.) Yentzen, George J., doing business as Nederland Bakery, Nederland, Tex. Bread. 234,248; Oct. 18; Serial No. 249,456; published Aug. 9, 1927. Class 46.

Yucalpa Valley Fruit Co., Yucalpa, Calif. Canned fruits and vegetables, dried or dehydrated fruits and vegetables, fresh vegetables, fresh fruits, and preserves. 234,263; Oct. 18; Serial No. 250,882; published Aug. 9, 1927. Class 46.

Zion, Sol. & Co., Philadelphia, Pa. Men's clothing. 234,220; Oct. 18; Serial No. 244,417; published July 12, 1927. Class 39.

ALPHABETICAL LIST OF REGISTRANTS OF LABELS.

A. B. C. Candy Co., The, Sherman, Tex. Hopson's Mexican Style Pecan Candy. For Pecan Candy. 32,856; Oct. 18.

Adams-Henry Company, San Diego, Calif. Sun Coffee. For Coffee. 32,857; Oct. 18.

Angel Dainty Dye Co., Chicago, Ill. Angel Dainty Dry Cleaner. For Dry Cleaner. 32,858; Oct. 18.

August, Joseph, doing business as August Baking Co., Central Falls, R. I. August Health Bread. For Bread. 32,859; Oct. 18.

Bridgeport Chain Company, The, Bridgeport, Conn. Read-Set Window Chain. For Window Chains. 32,860; Oct. 18.

Bug Annihilator Co. (See Regelson, Morris.) California Paint Company, Oakland, Calif. Add-A-Tint. For Paint. 32,861; Oct. 18.

Engel Art Corners Manufacturing Co., Chicago, Ill. Art Corners. For Gunned Mounting Corners for Mounting Photographs, Prints, Clippings, and the Like. 32,862; Oct. 18.

Feeders' Supply Company, Kansas City, Mo. Equity Green Bag Egg Mash. For Poultry Feed. 32,863; Oct. 18.

Feeders' Supply Company, Kansas City, Mo. Equity Green Bag Starter & Grower. For Chick Feed. 32,864; Oct. 18.

Feedola Milling Co., The, McPherson, Kans. Growola. For Growing Mash Poultry Feed for Growing Chickens. 32,865; Oct. 18.

Feedola Milling Co., The, McPherson, Kans. Startola. For Starting Mash Poultry Feed for Baby Chicks. 32,866; Oct. 18.

Feedola Milling Co., The, McPherson, Kans. Eggola. For Egg Mash Feed for Hens. 32,867; Oct. 18.

Gold Dust Corporation, Jersey City, N. J. Mole Instant Window Cleaner. For Window Cleaner. 32,868; Oct. 18.

Hansel, Paul F., Los Angeles, Calif. Celery Salt Flavored Potato Chips. For Celery-Salt-Flavored Potato Chips. 32,869; Oct. 18.

Ideal Aeroplane & Supply Co., New York, N. Y. Ideal New York-Paris Monoplane. For Material for Construction of a Scale Model Aeroplane. 32,870; Oct. 18.

Lantz Bros. Baking Co., St. Louis, Mo. Grandma's Cakes. For Cakes. 32,871; Oct. 18.

Lynch, Thomas J., doing business as Polar Egg Corporation, Los Angeles, Calif. Frost-Kissed Ice Cream. For Ice-Cream Food Units Called Polar Eggs. 32,872; Oct. 18.

Menasha Printing and Carton Company, Menasha, Wis., assignor to Peerless Butter Company, Memphis, Tenn. Jersey. For Butter. 32,873; Oct. 18.

Mooney, John H., doing business as J. H. Mooney Co., Kansas City, Mo. J. H. Mooney See-Touch Playing Cards Blind and Seeing. For Playing Cards. 32,874; Oct. 18.

Myers, C. D., & Co., Red Lion, Pa. Ne-Hi. For Cigars. 32,875; Oct. 18.

Paristyle Novelty Co. Inc., doing business as Paristyle, New York, N. Y. Komplex. For Facial Creams or Cosmetics. 32,876; Oct. 18.

Peerless Butter Company. (See Menasha Printing and Carton Company, assignor.)

Peverley, Geo. W., doing business as Geo. W. Peverley Co., Pacolima, Calif. Valley Club. For a Nonalcoholic, Maltless Beverage Sold as a Soft Drink and Sirups for Making Same. 32,877; Oct. 18.

Peyton, W. P., Fruit Co., Los Angeles, Calif. Rotary. For Oranges. 32,878; Oct. 18.

Polar Egg Corporation. (See Lynch, Thomas J.)

Regelson, Morris, doing business as Bug Annihilator Co., New York, N. Y. Merder. For Insecticide. 32,879; Oct. 18.

Sanders, J. A., San Francisco, Calif. B Well Herbs. For Herbs. 32,880; Oct. 18.

Sanders, J. O., San Francisco, Calif. B Well Oil. For Oil. 32,881; Oct. 18.

Smart & Final Co., Wilmington, Calif. S & F. For Canned Peaches. 32,882; Oct. 18.

Valley Drug Company, Inc., The, Johnstown, Pa. Hydrastone. For a Medicinal Preparation. 32,883; Oct. 18.

Valley Drug Company, Inc., The, Johnstown, Pa. Ungt. Cadinol Comp. For a Medicinal Preparation. 32,884; Oct. 18.

Van Paper Supply Co., St. Paul, Minn. Ad-Van-Tage. For Toilet Paper. 32,885; Oct. 18.

Van Paper Supply Co., St. Paul, Minn. Van-quish. For Toilet Paper. 32,886; Oct. 18.

Western Cartridge Company, East Alton, Ill. Western Xpert Shotgun Shells. For Shotgun Shells. 32,888; Oct. 18.

Western Cartridge Company, East Alton, Ill. Western Xpert Trap Load. For Shotgun Shells. 32,887; Oct. 18.

Western Cartridge Company, East Alton, Ill. Western Field Trap Load. For Shotgun Shells. 32,889; Oct. 18.

Zimmer, M. D., & Co., New York, N. Y. Best Fat. For Vegetable Fat. 32,890; Oct. 18.

ALPHABETICAL LIST OF REGISTRANTS OF PRINTS.

Abbott, C. W., & Co., Baltimore, Md. It'll Put You on Your Toes. For a Tonic. 10,262; Oct. 18.

Cadet Knitting Company, The, Philadelphia, Pa. The New Complete Cadet Van Dyke Foot. For Hosiery. 10,263; Oct. 18.

Constans, Nicholas M., Minneapolis, Minn. C Bungalow Stores. For Foods. 10,264; Oct. 18.

Corn Fix Company, Inc., Newark, N. J. Billy Cold Fix. For Laxative Cold Fix Tablets. 10,265; Oct. 18.

Cream of Wheat Co., Minneapolis, Minn. Health Authorities Are Now Urging Mothers. For Wheat Breakfast Food. 10,266; Oct. 18.

D & C Co. Inc., The, Wilmington, Del., and Brooklyn, N. Y. Taste That Marvelous Chocolate Flavor. For Dessert Preparations. 10,267; Oct. 18.

Florida Power & Light Company, Miami, Fla. Sunshine Service. For Electricity, Gas, and Ice. 10,268; Oct. 18.

Florida Power & Light Company, Miami, Fla. Sunshine Serv-ice. For Ice. 10,269; Oct. 18.

Florida Power & Light Company, Miami, Fla. Sunshine Service. For Power, Gas, and Ice. 10,270; Oct. 18.

Florida Power & Light Company, Miami, Fla. Sunshine Serv-ice. For Power, Gas, and Ice. 10,271; Oct. 18.

General Outdoor Advertising Co. Inc., New York, N. Y. Aged 6 Months. For Cluquot Club Ginger Ale. 10,272; Oct. 18.

Hendrickson Motor Truck Company, Chicago, Ill. 6-4-4. For Motor Trucks. 10,273; Oct. 18.

Ideal Pleating Co. Inc., New York, N. Y. Better Pleatings at Prices That Meet Competition. For Pleatings. 10,274; Oct. 18.

Kolynos Company, The, New Haven, Conn. Why Hesitate. For Dental Cream. 10,275; Oct. 18.

M. J. B. Co., San Francisco, Calif. Coffee Contentment M. J. B. (With Design of Two Persons Appearing in Bathing Dress). For Coffee. 10,304; Oct. 18.

M. J. B. Co., San Francisco, Calif. Coffee Contentment M. J. B. (With Design of Two Persons in Conventional Dress, Seated at a Table). For Coffee. 10,305; Oct. 18.

Mathews Industries Inc., Detroit, Mich. The Proper Little Cherry. For Ice Cream. 10,276; Oct. 18.

Mathews Industries Inc., Detroit, Mich. The Banana Boy. For Ice Cream. 10,277; Oct. 18.

Mathews Industries Inc., Detroit, Mich. Friendly Pine-apple Pote. For Ice Cream. 10,278; Oct. 18.

Mathews Industries Inc., Detroit, Mich. The Nutty Walnut. For Ice Cream. 10,279; Oct. 18.

Mathews Industries Inc., Detroit, Mich. The Raspberry Rumpus. For Ice Cream. 10,280; Oct. 18.

Mathews Industries Inc., Detroit, Mich. Helpful Polly Peach. For Ice Cream. 10,281; Oct. 18.

Mathews Industries Inc., Detroit, Mich. Why Strawberry Get in Jams. For Ice Cream. 10,282; Oct. 18.

Mathews Industries Inc., Detroit, Mich. Cones—A Pure Food. For Ice Cream. 10,283; Oct. 18.

Mathews Industries Inc., Detroit, Mich. A Large Dish of Strawberry Ice Cream. For Ice Cream. 10,284; Oct. 18.

Mathews Industries Inc., Detroit, Mich. Maplenut—A Wholesome Food. For Ice Cream. 10,285; Oct. 18.

Mathews Industries Inc., Detroit, Mich. Chocolate Sundae The Children's Delight. For Ice Cream. 10,286; Oct. 18.

Mathews Industries Inc., Detroit, Mich. Healthful and Appetizing. For Ice Cream. 10,287; Oct. 18.

Mathews Industries Inc., Detroit, Mich. Delicious and Inviting. For Ice Cream. 10,288; Oct. 18.

Mathews Industries Inc., Detroit, Mich. The Ice Cream Town Bricks and Sodas. For Ice Cream. 10,289; Oct. 18.

Mathews Industries Inc., Detroit, Mich. The Ice Cream Town of Bricks and Cones. For Ice Cream. 10,290; Oct. 18.

Mathews Industries Inc., Detroit, Mich. Everybody's Favorite. For Ice Cream. 10,291; Oct. 18.

Mathews Industries Inc., Detroit, Mich. Sweet and Wholesome. For Ice Cream. 10,292; Oct. 18.

Mathews Industries Inc., Detroit, Mich. The Child's Desire. For Ice Cream. 10,293; Oct. 18.

Mathews Industries Inc., Detroit, Mich. Father's Delicious Brick. For Ice Cream. 10,294; Oct. 18.

Mathews Industries Inc., Detroit, Mich. Grandma's Choice. For Ice Cream. 10,295; Oct. 18.

Mathews Industries Inc., Detroit, Mich. The Youngster's Standby. For Ice Cream. 10,296; Oct. 18.

Mathews Industries Inc., Detroit, Mich. Grandma's Favorite. For Ice Cream. 10,297; Oct. 18.

Mathews Industries Inc., Detroit, Mich. Sister's Treat. For Ice Cream. 10,298; Oct. 18.

Mathews Industries Inc., Detroit, Mich. The Sleeping Boy's Delight. For Ice Cream. 10,299; Oct. 18.

Mathews Industries Inc., Detroit, Mich. The Ice Cream Town of Bricks and Creams. For Ice Cream. 10,300; Oct. 18.

Mathews Industries Inc., Detroit, Mich. Nutritious and Wholesome. For Ice Cream. 10,301; Oct. 18.

Mathews Industries Inc., Detroit, Mich. As Pure as The Dew. For Ice Cream. 10,302; Oct. 18.

Minneapolis Linen Co., Minneapolis, Minn. Lady Lustra. For Underwear, Both Silk and Rayon. 10,303; Oct. 18.

Mutual Creamery Company, Los Angeles, Calif. Maid O'Clover. For Butter, Eggs, and Cheese. 10,306; Oct. 18.

Odell Company, Inc., The, Newark, N. J. Odell's American Beauty. For Hair Tonic. 10,307; Oct. 18.

Singer Sewing Machine Company, Elizabeth, N. J. Maguinias Singer Para Coser. For Sewing Machines. 10,308; Oct. 18.

Tanglefoot Company, The, Grand Rapids, Mich. Tanglefoot Fly Spray. For Insecticide. 10,309; Oct. 18.

Wallace, J. D., & Co., Chicago, Ill. Wallace Electric Handsaw. For Electric Handsaws. 10,310; Oct. 18.

Weinreich, David J., doing business as Joseph Weinreich, Dayton, Ohio. Right Here, The Cuban Seal Cigar. For Cigars. 10,311; Oct. 18.

ALPHABETICAL LIST OF TRADE-MARK APPLICANTS.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

A. B. A. Specialties Company, Inc., New York, N. Y. Shoulder straps, draw strings, etc. 254,023; Oct. 18. Class 39.

Aaron, Solomon E., Boston, Mass. Adhesive rubber compound. 252,491; Oct. 18. Class 35.

Adamsen, Baeder, Company, Boston, Mass. Abrasive papers and cloths. 254,027; Oct. 12. Class 4.

Aktiebolaget Westerdaal & Karsten, Stockholm, Sweden. Bread and rusks of all kinds. 250,952; Oct. 18. Class 40.

Albany Card and Paper Manufacturing Company, Albany, N. Y. Photographic mounts. 253,970; Oct. 18. Class 37.

Alberta Mills, Inc., Philadelphia, Pa. Bathing suits. 253,561; Oct. 18. Class 39.

Allied Merke Institutes, Inc., New York, N. Y. Shampoo cream, hair tonic, and preparations. 251,024; Oct. 18. Class 6.

American Glue Company, Boston, Mass. Abrasive papers and cloths. 253,348; Oct. 18. Class 4.

American Trunk Company, The, Cincinnati, Ohio. Ladies' hat boxes, suit cases, etc. 248,872; Oct. 18. Class 3.

Anchor Coal Company, Cleveland, Ohio. Coal. 253,259-60; Oct. 18. Class 1.

Anglo-American Pharmaceutical Corp., New York, N. Y. Glycerophosphate sirups, liniments, etc. 248,463; Oct. 18. Class 6.

Ankeney Linseed Manufacturing Co., Des Moines, Iowa. Linseed meal and compounding of stock and poultry foods. 240,766; Oct. 18. Class 46.

Antillian Sea Island Cotton Co. (See Frank, Julio E.) Applebaum-Mautner Company, Inc., The, Champaign, Ill. Boots and shoes. 253,635; Oct. 18. Class 39.

Aumack, Howard W., doing business as Aumack Manufacturing Co., Jersey City, N. J. Metal moth-preventing clothes-hanger rods. 245,243; Oct. 18. Class 13.

Babcock, Elvin B., Seattle, Wash. Sprinkler heads, lawn sprinklers, couplings, and hose spuds. 252,495; Oct. 18. Class 13.

Bahlsens, H., Kekesfabrik Aktiengesellschaft, Hanover, Germany. Pastry, alimentary pastes, sweet meats, candies, etc. 240,842; Oct. 18. Class 46.

Bear Brand Hosiery Co., Chicago, Ill. Hosiery. 253,863; Oct. 18. Class 39.

Bean-Art Laboratories, Chicago, Ill. Shave cream. 252,755; Oct. 18. Class 4.

Reekman Paper & Card Company, Inc., New York, N. Y. Printing and writing paper. 254,483; Oct. 18. Class 37.

Berliner, Jacob S., New York, N. Y. Toilet preparations. 252,932; Oct. 18. Class 6.

Bernard Laboratories, Inc. (See Marquis, Francis.) Biesenthal-Johnston Co., The, New York, N. Y. Misses' and children's dresses. 253,690; Oct. 18. Class 39.

Big Four Products Co. (See Goldman, Sigmund L.) Binney Castings Co., The, Toledo, Ohio. Commercial castings and metal alloys. 250,593; Oct. 18. Class 14.

Binney & Smith Company, New York, N. Y. Crayons. 253,864; Oct. 18. Class 37.

Block, Nass, Inc., New York, N. Y. Men's suits, overcoats, and topcoats. 253,287; Oct. 18. Class 39.

Blue Seal Extract Company, Cambridge, Mass. Beverages sold as soft drinks and sirups, extracts, and concentrates for making the same. 253,264; Oct. 18. Class 45.

Booth Brothers Company, Rochester, N. Y. Trimming, heading, and seam-pressing machines. 254,380; Oct. 18. Class 23.

Branche, Ralph P., Albany, N. Y. Preparation for securing dental plates in place. 253,981; Oct. 18. Class 6.

Brown, Ralph J., Godfrey, Ill. Paper bands for tying vegetables into bunches. 251,257; Oct. 18. Class 37.

Brownstein-Louis Co., Los Angeles, Calif. Watch, rule, and side pockets for men's overalls and other outer garments. 253,356; Oct. 18. Class 39.

Buckeye Blower Company, The, Columbus, Ohio. Heating and ventilating units. 253,006; Oct. 18. Class 34.

Buffalo Optical Co., Buffalo, N. Y. Optical device. 253,983; Oct. 18. Class 26.

Burson Knitting Company, Rockford, Ill. Hosiery. 253,408; Oct. 18. Class 39.

Butterfield, Fred, & Co., Inc., New York, N. Y. Dresses, union suits, underwear, etc. 253,008; Oct. 18. Class 39.

California Fruit Preserving Corporation. (See Keller, F., assignor.)

California Packing Corporation, San Francisco, Calif. Canned fruits, vegetables, dried fruits, and catchup. 252,883; Oct. 18. Class 46.

Cecil, Marie, Inc., New York, N. Y. Face and toilet powder, cold cream, face and vanishing cream, etc. 255,919; Oct. 18. Class 6.

Cedar Grove Shoe Mfg. Co., Cedar Grove, Wis. Shoes. 253,631; Oct. 18. Class 39.

Celanese Inc., New York, N. Y. Olive oil. 246,739; Oct. 18. Class 46.

Century Engineering Corporation, Cedar Rapids, Iowa. Fuel-oil burners. 250,787; Oct. 18. Class 34.

Chalfant & Scott, Philadelphia, Pa. Coal. 245,425; Oct. 18. Class 1.

Champ Mfr. Co., Indianapolis, Ind. Beverages sold as soft drinks and sirups, extracts, and concentrates for making the same. 253,631; Oct. 18. Class 45.

Cherokee Mills, Nashville, Tenn. Self-rising flour. 248,155; Oct. 18. Class 46.

Chipman Chemical Engineering Company, Inc., Middlesex, N. J. Insecticides. 252,547; Oct. 18. Class 6.

Clark & Courts, Galveston, Tex. Printing and writing paper. 253,491; Oct. 18. Class 37.

Cleveland Cleaner and Paste Co., The, Cleveland, Ohio. Wall-paper cleaner. 230,016; Oct. 18. Class 4.

Coates, Amelia W., Clarendon, Va. Dresses, suits, skirts, etc. 253,013; Oct. 18. Class 39.

Cobb Mfr. Co., Inc., The, Richmond, Va. Laundry bluing. 251,545; Oct. 18. Class 6.

Coca Cola Bottling Company of Los Angeles, Los Angeles, Calif. Beverages used as soft drinks, sirups, extracts, etc. 252,685; Oct. 18. Class 45.

Commercial Envelope Company, Inc., Baltimore, Md. Mailing and correspondence envelopes. 252,868; Oct. 18. Class 37.

ALPHABETICAL LIST OF TRADE-MARK APPLICANTS.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Conklin, Horace E., doing business as E. W. Conklin & Son, Binghamton, N. Y. Grass, field, and agricultural seeds and seed grains. 252,944; Oct. 18. Class 1.

Continental Paper & Bag Mills Corporation, New York, N. Y. Wrapping paper. 253,410; Oct. 18. Class 37.

Copeloff, Stillman & Co., Inc., New York, N. Y. Coats, suits, and dresses. 253,832-3; Oct. 18. Class 39.

Cox, Edward C., doing business as Souve-Envelo-Ad Co., Rhinebeck, N. Y. Advertising and display envelopes. 249,707; Oct. 18. Class 37.

Crescent-Felco, Inc., New York, N. Y. Chemical preparation prepared in powder form for cleaning felt material and textiles. 253,742; Oct. 18. Class 4.

Cristani, John E., New York, N. Y. Mineral waters. 253,271; Oct. 18. Class 45.

Crown Drug Co., Inc., Kansas City, Mo. Alkaline antiseptic, antiseptic solution, cream of tartar, etc. 257,154; Oct. 18. Class 6.

Dickins, Hasseltine M., New York, N. Y. Stuffed toys. 253,957; Oct. 18. Class 22.

Dixon's Inc., Sioux Falls, S. Dak. Women's clothing. 252,821; Oct. 18. Class 39.

Dixon's Inc., Sioux Falls, S. Dak. Women's clothing. 252,822; Oct. 18. Class 39.

Dunlop Tire and Rubber Corporation, Buffalo, N. Y. Golf balls. 252,419; Oct. 18. Class 22.

Dunn & McCarthy, Inc., Auburn, N. Y. Leather shoes. 253,493; Oct. 18. Class 39.

Eagle Candy Manufacturing Company, The, Baltimore, Md. Candy. 253,988; Oct. 18. Class 46.

Eaton G. m. b. H., Munich, Germany. Honey substitutes, sirup for baking purposes, bread, cake, pies, etc. 248,290; Oct. 18. Class 46.

Eckel, Francis S., Los Angeles, Calif. Fresh deciduous fruits, fresh vegetables, and grapes. 228,230; Oct. 18. Class 46.

Elf Dress Co., Inc., New York, N. Y. Wearing apparel. 251,436; Oct. 18. Class 39.

Elliott Knitting Mills, Inc., Hickory, N. C. Hosiery. 253,178; Oct. 18. Class 39.

Enkravographia, New York, N. Y. Letterheads, envelopes, checks, etc. 253,364; Oct. 18. Class 37.

Eskimo Pie Corporation, Louisville, Ky. Candy-covered frozen confections. 248,626; Oct. 18. Class 46.

Esmond Mills, The, Esmond, R. I. Capes. 252,149; Oct. 18. Class 39.

Fallston Fire Clay Co., Pittsburgh, Pa. Floor tile. 226,892; Oct. 18. Class 12.

Fletcher Paper Company, Alpena, Mich. Wrapping paper. 253,142; Oct. 18. Class 37.

Fletcher Paper Company, Alpena, Mich. Wrapping paper. 253,143; Oct. 18. Class 37.

Frank, Julio E., doing business as Antillian Sea Island Cotton Co., Lajas, P. R. Raw cotton. 244,765; Oct. 18. Class 1.

Gardner Wire Co., Chicago, Ill. Weather strips. 253,498; Oct. 18. Class 12.

Gembrozink Co., (See Scrannage, Lawrence E.)

General Refrigeration Company, South Beloit, Ill. Refrigerating machines and parts thereof. 253,499; Oct. 18. Class 31.

Giant Grip Mfg. Co., Oshkosh, Wis. Traction equipment for motor trucks and automobiles. 252,770; Oct. 18. Class 13.

Giant Grip Mfg. Co., Oshkosh, Wis. Traction equipment for motor trucks. 253,237; Oct. 18. Class 13.

Gibson, Guy T., Inc., New York, N. Y. Toilet lotions, powders, creams, etc. 251,785; Oct. 18. Class 6.

Golden West Tobacco Company, San Francisco, Calif. Cigarettes. 254,177; Oct. 18. Class 17.

Goldman, Sigmund L., doing business as Big Four Products Co., Chicago, Ill. Hop flavored malt sirup for food purposes. 254,178; Oct. 18. Class 46.

Goodman, Cohen & Co., New York, N. Y. Dress and negligee shirts. 248,407; Oct. 18. Class 39.

Goodyear's Metallic Rubber Shoe Company, The, doing business as Wales-Goodyear Shoe Co., Naugatuck, Conn. Boots and shoes. 243,697; Oct. 18. Class 39.

Gough, Walter L., Baltimore, Md. Hair grower. 251,830; Oct. 18. Class 6.

Grams, Wm. H. & Sons, Chicago, Ill. Periodical. 252,953; Oct. 18. Class 38.

Grasselli Chemical Company, The, Cleveland, Ohio. Accelerators for rubber vulcanization. 254,487; Oct. 18. Class 6.

Griffith and Wolf Laboratories, Hinsdale, Ill. Breath deodorants and purifiers. 254,035; Oct. 18. Class 6.

Handi-Apppliance Co., Inc., The, Buffalo, N. Y. Laundry washing machines. 253,188; Oct. 18. Class 24.

Heine, Otto H., Cottage Grove, Oreg. Canned fruits and vegetables. 253,325; Oct. 18. Class 46.

Helmiller, Flora, St. Paul, Minn. Shampoo preparation for the washing of hair. 251,836; Oct. 18. Class 6.

Heusch, Hugo, & Cie. G. m. b. H., Aachen, Germany. Hand-sewing needles, pins, safety pins, etc. 241,155; Oct. 18. Class 40.

Hickey-Freeman Company, Rochester, N. Y. Men's overcoats. 254,038; Oct. 18. Class 39.

Hoffman, Sam., New York, N. Y. Men's suits and overcoats. 252,828; Oct. 18. Class 39.

Hornbahl, Eric W., Brooklyn, N. Y. Silhouette cut-out game. 252,654; Oct. 18. Class 22.

Houston Sales & Mfg. Co., Houston, Tex. Pickles, pepper sauce, salad mustard, chowchow, etc. 247,188; Oct. 18. Class 46.

Huston, Tom, doing business as Tom Huston Peanut Company, Columbus, Ga. Peanut-cracker sandwiches. 253,892-3; Oct. 18. Class 46.

Independent Baking Company, Davenport, Iowa. Crackers, cookies, biscuits, and wafers. 253,757; Oct. 18. Class 46.

Independent Baking Company, Davenport, Iowa. Crackers and biscuits. 254,285; Oct. 18. Class 46.

Independent Pneumatic Tool Company, Chicago, Ill. Air compressors. 253,504; Oct. 18. Class 23.

Indicator Laboratories, Inc., Chicago, Ill. Antiseptic solution. 254,550; Oct. 18. Class 6.

Interior Flour Mills Company, The. (See Larabee Flour Mills Company, The.)

International Shoe Company, doing business as Interstate Shoe Company, St. Louis, Mo., and Manchester, N. H. Leather boots, shoes, slippers, etc. 253,804; Oct. 18. Class 39.

Interstate Shoe Company. (See International Shoe Company.)

Italian-Swiss Colony, San Francisco, Calif. Unfermented grape juice. 253,896; Oct. 18. Class 45.

Joliet Macaroni Company, doing business as The New Macaroni Co., Joliet, Ill. Alimentary pastes. 253,758; Oct. 18. Class 46.

Jones, Nell M., Los Angeles, Calif. Radioactive water container. 234,211; Oct. 18. Class 44.

Judell, Maxson F., New York, N. Y. Titles of newspaper columns. 252,968; Oct. 18. Class 38.

Judell, Maxson F., New York, N. Y. Books and magazines. 253,026; Oct. 18. Class 38.

Keller, F., doing business as California Fruit Preserving Co., assignor to California Fruit Preserving Corporation, San Francisco, Calif. Mince-meat, jams, jellies, etc. 240,552; Oct. 18. Class 46.

Keuffel & Esser Company, Hoboken, N. J. Drawing paper. 253,327; Oct. 18. Class 37.

Kimball, C. M., Company, Winthrop, Mass. Window wash. 251,907; Oct. 18. Class 4.

Knapp, A. S. & Company, St. Louis, Mo. Trunks. 251,399; Oct. 18. Class 3.

Koro Electric Corporation, Chicago, Ill. Hand tools. 228,992; Oct. 18. Class 23.

Kuehko, Nicholas, Brooklyn, N. Y. Shoe polish. 253,376; Oct. 18. Class 4.

Lake Charles Rice Milling Company, Lake Charles, La. Rice. 254,402; Oct. 18. Class 46.

Lanco Soap Company. (See Stevens, Rollin H.)

Larabee Flour Mills Company, doing business as The Interior Flour Mills Company, Kansas City, Mo. Wheat flour. 254,404-5; Oct. 18. Class 46.

Lawndale Garment Co., Chicago, Ill. Ladies', misses', and children's dresses, house dresses, bloomers, etc. 252,779; Oct. 18. Class 39.

Leaf, Philip A., doing business as Leaf & Company, Chicago, Ill. Garments. 247,548; Oct. 18. Class 39.

Levi Strauss and Company, San Francisco, Calif. Blouses and shirts for men and boys. 251,564; Oct. 18. Class 39.

Liebovitz, S. & Sons, Inc., New York, N. Y. Work shirts. 253,098; Oct. 18. Class 39.

Longtin, Frank E., Los Angeles, Calif. Soap. 253,901; Oct. 18. Class 4.

Lowry-Rodgers Company, doing business as Lowry Coffee Company, Philadelphia, Pa. Coffee. 236,807; Oct. 18. Class 46.

Manhattan Eye Salve Co., Louisville, Ky. Ointment. 252,246; Oct. 18. Class 6.

Mann, George, & Co., Inc., Providence, R. I. Finishing material for textiles, paper, and leather. 250,305; Oct. 18. Class 6.

Mansfield, G. H. & Co., Inc., Canton, Mass. Fishlines. 254,188-92; Oct. 18. Class 22.

Marquis, Francis, doing business as Bernard Laboratories, Inc., New York, N. Y. Antiseptic mouth wash. 249,013; Oct. 18. Class 6.

Marshall Field & Company, Chicago, Ill. Sanitary napkins. 252,372; Oct. 18. Class 44.

Martin, L. Company, The, New York, N. Y. Blacks or black pigments. 249,078; Oct. 18. Class 12.

Martin, L. Company, The, New York, N. Y. Blacks or black pigments. 249,230; Oct. 18. Class 12.

Maryland Clothing Manufacturing Co., Baltimore, Md. Suits and overcoats, etc. 252,269; Oct. 18. Class 39.

Masterbilt Wall Fixture Co., Santa Barbara, Calif. Built-in-the-wall-type kitchen cabinets, kitchen tables, dining-room buffets, dining-room tables, etc. 220,031; Oct. 18. Class 12.

May Department Stores Company, New York, N. Y. Boys' coats, vests, and trousers. 252,560; Oct. 18. Class 39.

McEwen, Irving, Omaha, Nebr. Liquid antiseptic, tooth powder, and dental cream. 254,640; Oct. 18. Class 6.

ALPHABETICAL LIST OF TRADE-MARK APPLICANTS.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Mennen Company, The, Newark, N. J. Toilet and talcum powders, antiseptic powder, etc. 253,100; Oct. 18. Class 6.

Mesa Orchard Company, Mesa, Idaho. Fresh apples, pears, and peaches. 253,952; Oct. 18. Class 46.

Metal Stamping Company, Long Island City, N. Y. Automobile heaters and radiator shutters. 253,285; Oct. 18. Class 19.

Metropolitan Body Company, The, Bridgeport, Conn. Cabs, dump bodies, and rack bodies for automotive vehicles. 253,102; Oct. 18. Class 19.

Meyers, Arthur E., Cloquet, Minn. Salve. 252,343; Oct. 18. Class 6.

Miles, Lester H., Los Angeles, Calif. Audible sirens, alarms, and signals. 249,857; Oct. 18. Class 23.

Mulkey Salt Co., Detroit, Mich. Salt. 252,867; Oct. 18. Class 6.

New Macaroni Co., The. (See Joliet Macaroni Company.)

North Shore Food Products Co., Chicago, Ill. Cottage cheese. 224,199; Oct. 18. Class 46.

Parkersburg Rig and Steel Company, The, Parkersburg, W. Va. Belt houses, engine houses, bull-wheel houses, pump houses, etc. 251,982; Oct. 18. Class 12.

Passano, Robert G., New York, N. Y. Used safety-razor-blade boxes. 250,261; Oct. 18. Class 2.

Paterson Parchment Paper Co., The, Passaic, N. J. Waxed paper. 253,387; Oct. 18. Class 37.

Penney, J. C., Company, Wilmington, Del., and New York, N. Y. Dresses, bloomers, nightgowns, etc. 252,978; Oct. 18. Class 39.

Peppers Gasoline Company, Enid, Okla. Cleaners' solvent. 254,010; Oct. 18. Class 4.

Petroleum Derivatives Company, Montclair, N. J. Antiseptic preparation for the hair, scalp, and skin. 252,524; Oct. 18. Class 6.

Pikes Peak Fuel Company, The, Colorado Springs, Colo. Coal. 253,479; Oct. 18. Class 1.

Pittsburgh Cleanser Laboratory, Inc., Pittsburgh, Pa. Bath salts. 253,111; Oct. 18. Class 6.

Planters Nut and Chocolate Co., Suffolk, Va. Chocolate-covered peanuts. 254,050; Oct. 18. Class 46.

Portage Underwear Manufacturing Co., Portage, Wis. Ladies' and children's underwear. 246,290; Oct. 18. Class 39.

Rainbow Appliance Corporation, Rochester, N. Y. Ironing machines. 244,838; Oct. 18. Class 24.

Raleigh Haberdasher, Inc., Washington, D. C. Coats. 248,322; Oct. 18. Class 39.

Raleigh Tobacco Co., The. (See Young, A. G.)

Red Sun Products Company, Chicago, Ill. Malt sirup for food purposes. 254,200-2; Oct. 18. Class 46.

Red Sun Products Company, Chicago, Ill. Malt sirup for food purposes. 254,205; Oct. 18. Class 46.

Red Top Malt Extract Co., Cincinnati, Ohio. Malt extracts and sirups. 253,199; Oct. 18. Class 46.

Riverdale Products Company, Chicago, Ill. Poultry food. 253,481; Oct. 18. Class 46.

Roach, Tisdale & Co., Minneapolis, Minn. Candy bar. 251,514; Oct. 18. Class 46.

Robin, Esrol, doing business as Robin Paint & Varnish Co., New York, N. Y. Paints and varnishes. 252,792; Oct. 18. Class 16.

Rogers Fibre Company, Kennebunk, Me. Boxes, trucks, cans, barrels, etc. 236,618; Oct. 18. Class 2.

Röhm & Haas Company, Philadelphia, Pa. Chemical compound. 252,620; Oct. 18. Class 6.

Rosemald Company, The, Gallon, Ohio. Women's dresses, scarfs, princess and costume slips, etc. 251,631; Oct. 18. Class 39.

Rossid Manufacturing Corporation, Orlando, Fla. Combined cardcase, bill fold, check book and cover, etc. 245,298; Oct. 18. Class 3.

Rothchild & Hirschensohn Inc., New York, N. Y. Hats. 254,206; Oct. 18. Class 39.

Rubin, Isidor J., doing business as I. J. Rubin & Co., New York, N. Y. Women's and misses' sport wear. 253,550; Oct. 18. Class 39.

Scodes, Arthur W., doing business as Silkon Varnish Co., Kansas City, Mo. Automobile enamel. 252,351; Oct. 18. Class 16.

Scrannage, Lawrence E., doing business as Gembrozink Co., Camden, N. J. Writing, printing, lithographing, bronzing, and lettering inks, etc. 252,571; Oct. 18. Class 11.

Seldeman & Seldeman, Inc., New York, N. Y. Greek black olives. 242,916; Oct. 18. Class 46.

Seldeman & Seldeman, Inc., New York, N. Y. Greek black olives. 242,918-20; Oct. 18. Class 46.

Selby Shoe Co., The, Portsmouth, Ohio. Shoes. 236,147; Oct. 18. Class 39.

Shane, C. B. Co., Chicago, Ill. Men's overcoats and topcoats. 253,293; Oct. 18. Class 39.

Sharpville Boiler Works Co., Sharpville, Pa. Meter unit for dispensing motor fuel, motor-lubricating oils, and other petroleum products. 254,305; Oct. 18. Class 26.

Shenker, W. A., Pen Co., Fort Madison, Iowa. Cases for pens and pencils. 254,210; Oct. 18. Class 37.

Shimer, Samuel J., & Sons, Milton, Pa. Cutter and matcher heads. 249,817; Oct. 18. Class 23.

Shulkin, Harry, doing business as Star Novelty Company, Minneapolis, Minn. Candy. 251,363; Oct. 18. Class 46.

Siemens & Halske Aktiengesellschaft, Berlin-Siemensstadt, Germany. Electromedical appliances. 253,961; Oct. 18. Class 44.

Siemens-Schuckertwerke Gesellschaft mit beschränkter Haftung, Berlin-Siemensstadt, Germany. Electric refrigerating apparatus and systems and parts thereof. 253,963; Oct. 18. Class 31.

Silikon Varnish Co. (See Scodes, Arthur W.)

Simon, Alfred L., & Company, New York, N. Y. Tillings, panels, cornices, etc. 250,195; Oct. 18. Class 12.

Solar Products Company, Chicago, Ill. Metal polish. 253,337; Oct. 18. Class 4.

Souve-Envelo-Ad Co. (See Cox, Edward C.)

Spee Dec Products Company, Bethlehem, Pa. Repair enamel and body enamel. 236,099; Oct. 18. Class 16.

Star Novelty Company. (See Shulkin, Harry.)

Sterling Motor Truck Co., Milwaukee, Wis. Internal-combustion motors. 254,430; Oct. 18. Class 23.

Stevens, Rollin H., doing business as Lanco Soap Company, Detroit, Mich. Soaps. 253,298; Oct. 18. Class 4.

Studebaker Corporation, The, South Bend, Ind. Tire covers. 253,670; Oct. 18. Class 35.

Tennessee Tool Works, Inc., Knoxville, Tenn. Composition for sealing leaks in tires and tubes. 253,821-2; Oct. 18. Class 5.

Theonett & Co., Chicago, Ill. Beverages sold as soft drinks and flavoring sirups and extracts and concentrates for making the same. 253,554; Oct. 18. Class 45.

Theonett & Co., Chicago, Ill. Dressing or sauce for meats, gravies, soups, game, etc. 253,555; Oct. 18. Class 46.

Thomas, Evan L., doing business as The S. Thomas Knitting Mills, Schuylkill Haven, Pa. Children's knitted underwear. 252,988; Oct. 18. Class 39.

Thorens, Hermann, Sainte Croix, Switzerland. Friction lighters. 247,225; Oct. 18. Class 34.

Tillary Chemical & Perfumery Laboratories, Inc., Brooklyn, N. Y. Hairdressing, hair tonic, etc. 253,118; Oct. 18. Class 6.

Tropic-Aire, Incorporated, Minneapolis, Minn. Heaters for automotive vehicles. 245,763; Oct. 18. Class 19.

U. S. Sanitary Specialties Corporation, Chicago, Ill. General cleaning or washing compound. 253,843; Oct. 18. Class 4.

Victori, Joseph, & Co., New York, N. Y. Castile soap. 253,398; Oct. 18. Class 4.

Vignes-Bombet Grocer Co., Inc., Baton Rouge, La. Wheat flour. 254,460; Oct. 18. Class 46.

Wales-Goodyear Shoe Co. (See Goodyear's Metallic Rubber Shoe Company, The.)

Wanamaker, John, Philadelphia, Philadelphia, Pa. Powder puff. 253,926; Oct. 18. Class 29.

Wanamaker, John, Philadelphia, Philadelphia, Pa. Toothbrushes. 253,927; Oct. 18. Class 29.

Ward's Snappy Snack Co., Detroit, Mich. Milk-chocolate bar with a confection filling. 208,940; Oct. 18. Class 46.

Werner & Mertz Aktiengesellschaft, Mainz, Germany. Polishing wax for floors. 251,596; Oct. 18. Class 16.

Wolf, H. & Co., Inc., New York, N. Y. Shade pulls. 251,940; Oct. 18. Class 22.

Wood, Nathan & Virkus Co., Inc., New York, N. Y. Machines for melting and cooling compounds on wet ink for producing a raised-letter effect. 253,257; Oct. 18. Class 23.

Worcester Lawn Mower Company, Worcester, Mass. Lawn mowers. 254,256-7; Oct. 18. Class 23.

Wrenn Paper Company, The, Middletown, Ohio. Blotting paper. 254,488; Oct. 18. Class 37.

Xpontanoe Products Company, West Palm Beach, Fla. Preparation for use as a rust remover and cleaner. 240,561; Oct. 18. Class 6.

Young A. G., doing business as The Raleigh Tobacco Co., New York, N. Y. Smoking and chewing tobacco, cigars, and cigarettes. 252,633; Oct. 18. Class 17.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED.

CLASS 1.

Coal. H. O. Russ. 234,138; Oct. 18; Serial No. 229,253; published June 1, 1926.
Coal. Sangamon Coal Company. 234,294; Oct. 18; Serial No. 250,191; published Aug. 2, 1927.
Limestone. Weeping Water Stone Co. 234,235; Oct. 18; Serial No. 248,943; published July 19, 1927.

CLASS 2.

Cabinets, Toilet-tissue. National Paper Products Company. 234,305; Oct. 18.

CLASS 3.

Bags and hat bags. Hand. Daisy Products, Inc. 234,268; Oct. 18; Serial No. 250,737; published Aug. 2, 1927.
Cases, portfolios, and pocketbooks. Playing card, writing, and brief. Samuel Ward Manufacturing Company. 234,098; Oct. 18; Serial No. 247,975; published Aug. 2, 1927.
Hame tug. Reversible. T. W. Owens. 234,285; Oct. 18; Serial No. 250,321; published July 26, 1927.
Luggage carriers. Lier Manufacturing Co. 234,253; Oct. 18; Serial No. 249,595; published Aug. 2, 1927.
Pocketbooks, key cases, cigarette cases, etc. H. E. Rice Company. 234,049; Oct. 18; Serial No. 248,594; published July 26, 1927.
Purses, wallets, pocketbooks, and hand bags. Morris White Inc. 234,289; Oct. 18; Serial No. 250,281; published Aug. 9, 1927.
Saddles. Leather. Martin & Martin Inc. 234,219; Oct. 18; Serial No. 244,457; published Aug. 2, 1927.
Trunks. General Distributing Company. 234,321; Oct. 18.

CLASS 4.

Antiseptic, deodorizing, cleansing, and scouring compounds. F. A. McGowan. 234,279; Oct. 18; Serial No. 250,467; published July 19, 1927.
Cleaner preparation. Hand. J. J. Sammon. 234,027; Oct. 18; Serial No. 249,194; published July 19, 1927.
Cleansing compound. Amazine Products Co. 234,096; Oct. 18; Serial No. 248,026; published July 26, 1927.
Cleansing lacquered and enameled finishes. Chemically-treated cloths for. E. C. Walker. 234,257; Oct. 18; Serial No. 249,623; published July 19, 1927.
Cleaning preparation. Window. Peerless Chemical Co. Inc. 234,271; Oct. 18; Serial No. 250,633; published Aug. 2, 1927.
Cleanser. Liquid. Puritan Chemical Company. 234,255; Oct. 18; Serial No. 249,602; published July 19, 1927.
Cleansing and washing compound. Oakite Products, Inc. 234,061; Oct. 18; Serial No. 249,859; published July 19, 1927.
Cleansing compound. A. Cody. 234,085; Oct. 18; Serial No. 248,282; published July 26, 1927.
Detarnishing, cleaning, and polishing compound for metal ware. Britenall Manufacturing Co. 234,105; Oct. 18; Serial No. 247,673; published July 19, 1927.
Dressing. Belt and brake. B. and H. Engineering Laboratories. 234,133; Oct. 18; Serial No. 230,709; published July 19, 1927.
Dressing for auto tops. Black. Binghamton Waterproofing Company. 234,155; Oct. 18; Serial No. 247,309; published July 26, 1927.
Dressing for leather. Liquid. Wilder & Company. 234,064; Oct. 18; Serial No. 249,826; published July 19, 1927.
Metal polish. J. S. Dernoga. 234,291; Oct. 18; Serial No. 250,232; published Aug. 2, 1927.
Pot scourers. A. Kessler. 234,187; Oct. 18; Serial No. 240,355; published Aug. 2, 1927.
Preparation for polishing silver, nickel, etc. Harry C. Clarke & Co. 234,047; Oct. 18; Serial No. 248,673; published July 19, 1927.
Soap. Buck and Rayner. 234,176; Oct. 18; Serial No. 243,413; published July 26, 1927.
Soap. Colgate & Company. 234,002; Oct. 18; Serial No. 250,011; published July 19, 1927.
Soap. Parke, Davis & Company. 234,278; Oct. 18; Serial No. 250,473; published July 26, 1927.
Soap. Renard. Inc. 234,251; Oct. 18; Serial No. 249,541; published July 19, 1927.
Soap. Wm. Walke & Co. 234,191; Oct. 18; Serial No. 239,156; published July 19, 1927.
Soap flakes. J. H. Berry. 234,157; Oct. 18; Serial No. 247,162; published July 26, 1927.
Soap flakes. Colgate & Company. 234,000; Oct. 18; Serial No. 250,013; published July 26, 1927.
Soap flakes. Colgate & Company. 234,001; Oct. 18; Serial No. 250,012; published July 19, 1927.
Soap pastes. Rico Laboratories. 234,238; Oct. 18; Serial No. 249,006; published July 19, 1927.
Soap. Powdered hand. M. A. Hanson. 234,152; Oct. 18; Serial No. 247,614; published July 26, 1927.
Soaps, toilet soaps, shaving cream, etc., Laundry. Mark W. Allen & Co. 234,060; Oct. 18; Serial No. 249,882; published July 26, 1927.

Washing powder. Procter & Gamble Company. 234,222; Oct. 18; Serial No. 248,792; published July 19, 1927.

CLASS 5.

Adhesive cement. B. F. Goodrich Company. 234,182; Oct. 18; Serial No. 241,822; published Aug. 2, 1927.
Adhesive paste. Russia Cement Company. 233,996; Oct. 18; Serial No. 250,039; published Aug. 9, 1927.

CLASS 6.

Antiseptic mouth and throat tablets. R. Anglin. 234,212; Oct. 18; Serial No. 251,313; published Aug. 9, 1927.
Antiseptic mouth wash and gargle. Renware Pharmacal Co. 234,211; Oct. 18; Serial No. 251,244; published Aug. 9, 1927.
Chemical cleansing and burnishing compound for use on metallic surfaces. 234,234; Oct. 18; Serial No. 248,930; published Aug. 9, 1927.
Chemical composition. Aluminum Ore Company. 234,040; Oct. 18; Serial No. 249,883; published Aug. 9, 1927.
Cream used for the prevention of mosquito bites. Skin. M. Aikin. 234,242; Oct. 18; Serial No. 249,399; published Aug. 9, 1927.
Dentifrices. M. Delage. 234,311; Oct. 18.
Dyes. Pans Dye Company. 234,028; Oct. 18; Serial No. 249,190; published Aug. 9, 1927.
Dyes. Orthodichlorobenzene and solvents for leather. Monsanto Chemical Works. 234,207; Oct. 18; Serial No. 251,065; published Aug. 9, 1927.
Exterminator. Insect. L. M. Trivisono. 234,093; Oct. 18; Serial No. 248,067; published Aug. 9, 1927.
Fluid. Hair-waving. V. N. Nicolsia. 234,302; Oct. 18.
Glycerophosphate syrups, proteid products, greaseless ointments, etc. Anglo-American Pharmaceutical Corp. 234,318; Oct. 18.
Medicine. R. P. Anderson. 234,197; Oct. 18; Serial No. 237,526; published Aug. 9, 1927.
Parasiticide. Niagara Sprayer Company. 234,115; Oct. 18; Serial No. 233,142; published Jan. 4, 1927.
Perfume. E. F. Tawney. 234,209; Oct. 18; Serial No. 251,155; published Aug. 9, 1927.
Preparation to relieve ailing feet. Liquid. Fut Rub Co. 234,310; Oct. 18.
Preparations for the prevention and treatment of tuberculosis. E. Scheitlin. 234,315; Oct. 18.
Remedies. Livestock. Kalo Company. 234,233; Oct. 18; Serial No. 248,842; published Aug. 9, 1927.
Stomachic. H. Underberg. 234,267; Oct. 18; Serial No. 250,769; published Aug. 2, 1927.

CLASS 12.

Asphalt, asphaltic binder, cement, etc. Gilmore Oil Company. 234,236; Oct. 18; Serial No. 249,062; published Aug. 2, 1927.
Cement. Portland. Associated Portland Cement Manufacturers, Limited. 234,282; Oct. 18; Serial No. 250,350; published Aug. 2, 1927.
Shingles and asphalt roofing material. Roofing. W. D. Wood Lumber Company. 234,137; Oct. 18; Serial No. 229,714; published July 6, 1926.

CLASS 14.

Iron-carbon alloy. Rockford Malleable Iron Works. 234,066; Oct. 18; Serial No. 249,809; published Aug. 2, 1927.
Metal. Babbitt. Richards Company. 234,003; Oct. 18; Serial No. 249,994; published Aug. 2, 1927.
Metal strips. Cold-rolled. American Steel and Wire Company of New Jersey. 234,317; Oct. 18.

CLASS 15.

Gasoline. Champlain Refining Company. 234,126; Oct. 18; Serial No. 245,471; published Aug. 2, 1927.
Gasoline. Standard Oil Company. 234,090; Oct. 18; Serial No. 248,202; published Aug. 2, 1927.
Gasoline, kerosene, lubricating oil, etc. Brooks Oil Company. 234,141; Oct. 18; Serial No. 224,232; published July 27, 1927.
Oils and grease. Swan-Flinch Oil Corporation. 234,048; Oct. 18; Serial No. 248,654; published Aug. 2, 1927.
Oils and greases. Union Oil Company of California. 234,026; Oct. 18; Serial No. 249,140; published Aug. 9, 1927.

CLASS 17.

Cigars, cigarettes, and tobacco. Vetterlein Cigar Company. 234,034; Oct. 18; Serial No. 245,121; published Aug. 9, 1927.
Tobacco, smoking and chewing. Liggett & Myers Tobacco Company. 234,217; Oct. 18; Serial No. 244,617; published Aug. 9, 1927.

CLASS 19.

Automobiles. V. P. Williams. 234,230; Oct. 18; Serial No. 248,803; published Aug. 2, 1927.

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CLASS 21.

Automobile accessories. Jambor Tool & Stamping Company. 234,113; Oct. 18; Serial No. 231,865; published Aug. 9, 1927.
Batteries. Volton Battery Co. 234,065; Oct. 18; Serial No. 249,825; published Aug. 2, 1927.
Batteries, Storage. Arco Battery & Plate Co. 234,288; Oct. 18; Serial No. 250,289; published Aug. 2, 1927.
Batteries, Storage. C. Staudt. 234,284; Oct. 18; Serial No. 250,331; published Aug. 9, 1927.
Electric fans. Savory, Inc. 234,215; Oct. 18; Serial No. 244,960; published Aug. 9, 1927.
Electric-lighting fixtures. Gross Chandler Co. 234,020; Oct. 18; Serial No. 249,222; published Aug. 2, 1927.
Electrical appliances. American Resistor Company. 234,147; Oct. 18; Serial No. 214,227; published Aug. 2, 1927.
Lighting fixtures. Electric. Ochiltree Electric Company. 234,277; Oct. 18; Serial No. 250,518; published Aug. 2, 1927.
Loud speakers for wireless telephony. Electrical Manufacturing & Plating Company. 234,216; Oct. 18; Serial No. 244,923; published Aug. 9, 1927.
Motors. Electric. Knapp Electric Corporation. 234,058; Oct. 18; Serial No. 245,057; published Aug. 2, 1927.
Motors. Electric. Knapp Electric Corporation. 234,059; Oct. 18; Serial No. 245,059; published Aug. 2, 1927.
Panels, switchboards, switches, and parts for the same. Lexington Electric Products Co. 234,101; Oct. 18; Serial No. 247,900; published Aug. 9, 1927.
Radiofrequency transformers. Radiart Laboratories, Inc. 234,276; Oct. 18; Serial No. 250,638; published Aug. 2, 1927.
Radio receiving and detecting sets and parts thereof, etc. Lincoln Quality Products Company. 234,231; Oct. 18; Serial No. 248,915; published Aug. 2, 1927.
Radio receiving sets and loop aerials. Trav-Ler Manufacturing Corporation. 234,087; Oct. 18; Serial No. 248,207; published Aug. 9, 1927.
Radio receiving sets and radio loud speakers. Belknap Hardware & Manufacturing Company. 234,006; Oct. 18; Serial No. 249,940; published Aug. 2, 1927.
Radio receiving sets and radio parts. Chas. Freshman Co. Inc. 234,072-3; Oct. 18; Serial Nos. 249,717-18; published Aug. 9, 1927.
Signal lights. W. H. Gilbert. 234,188; Oct. 18; Serial No. 240,253; published Feb. 15, 1927.
Spark plugs. Tuangl Sales Company. 234,148; Oct. 18; Serial No. 212,764; published Aug. 2, 1927.
Telephone-transmitter mouthpieces. E. L. Beard. 234,021; Oct. 18; Serial No. 249,321; published Aug. 9, 1927.
Transmitting views, scenes, or images to a distance by telegraphy. Apparatus for use in. J. L. Baird. 234,039; Oct. 18; Serial No. 249,886; published Aug. 2, 1927.
Vacuum cleaners, brushing and polishing machines, etc. A/S Fisker & Nielsen. 234,055; Oct. 18; Serial No. 246,274; published Aug. 9, 1927.

CLASS 22.

Bridge-outfit container. M. H. Frank & Co. 234,223; Oct. 18; Serial No. 248,766; published Aug. 9, 1927.
Cards, Playing. J. L. Hudson Company. 234,086; Oct. 18; Serial No. 248,234; published Aug. 9, 1927.
Fishing lines. Pawtucket Braided Line Company. 234,144; Oct. 18; Serial No. 223,653; published Aug. 9, 1927.
Game. C. P. Caulkins. 234,202; Oct. 18; Serial No. 250,975; published Aug. 9, 1927.
Golf balls. C. S. O'Connell. 234,135; Oct. 18; Serial No. 230,565; published Aug. 9, 1927.
Golf shafts and golf clubs. N. C. Blanchard Company. 234,038; Oct. 18; Serial No. 249,887; published Aug. 9, 1927.
Rattles, dolls, bunnies, and toy animals. S. Blechman & Sons, Inc. 234,156; Oct. 18; Serial No. 247,250; published Aug. 9, 1927.
Toy U. S. mail wagons, mail trucks, mail cars, etc. I. H. Fishelov. 234,004; Oct. 18; Serial No. 249,962; published Aug. 9, 1927.

CLASS 23.

Brake-adjusting device. Master Products Corporation. 234,010; Oct. 18; Serial No. 249,360; published Aug. 9, 1927.
Engines. Gasoline purifiers for use with internal-combustion. Motor Requirements Corporation. 234,237; Oct. 18; Serial No. 249,087; published Aug. 9, 1927.
Looms. Check siraps for textile. E. T. Houghton & Co. 234,206; Oct. 18; Serial No. 251,039; published Aug. 9, 1927.
Rock-crushing apparatus. Alloy Steel and Metals Co. 234,007; Oct. 18; Serial No. 249,936; published Aug. 9, 1927.
Saws. Power-driven meat and bone. Baird & Bell, Inc. 234,080; Oct. 18; Serial No. 250,057; published Aug. 9, 1927.

CLASS 25.

Keys, locks, padlocks, and door bolts. Segal Lock & Hardware Co. Inc. 234,314; Oct. 18.
Latches. Cylinder-rim night. A. Rosenberg. 234,316; Oct. 18.

CLASS 26.

Eyeglasses, Frames, rims, and nose pieces for. Optical Products Corporation. 234,286; Oct. 18; Serial No. 250,319; published Aug. 9, 1927.
Photographic sensitized plates, films, and papers, cameras, etc. Photomaton, Inc. 234,199; Oct. 18; Serial No. 250,937; published Aug. 9, 1927.

CLASS 27.

Clocks and parts thereof. Geo. Borgfeldt & Co. 234,296; Oct. 18; Serial No. 250,157; published Aug. 9, 1927.
Watches. Evkob Watch Co. 234,258; Oct. 18; Serial No. 249,652; published Aug. 2, 1927.
Watches. Lenga & Spitz. 234,070; Oct. 18; Serial No. 249,734; published Aug. 9, 1927.
Watches and parts thereof. Dial Watch Case Co. 234,210; Oct. 18; Serial No. 251,177; published Aug. 9, 1927.
Watches, clocks, and their cases and movements. 234,069; Oct. 18; Serial No. 249,745; published Aug. 9, 1927.
Watches, watchcases, etc. Savoy Watch Co. 234,239; Oct. 18; Serial No. 249,100; published Aug. 9, 1927.
Watches, watch dials, watch movements, and watchcases. J. B. Kissinger. 234,145; Oct. 18; Serial No. 223,584; published Aug. 9, 1927.
Watches, watch movements, and parts of the same. J. Gottlieb. 234,091; Oct. 18; Serial No. 248,176; published Aug. 2, 1927.

CLASS 28.

Bracelets, head necklaces, brooches, etc. Lippmann, Spier & Hahn. 234,259; Oct. 18; Serial No. 249,666; published Aug. 2, 1927.
Jewelry. Charles M. Levy & Son. 234,095; Oct. 18; Serial No. 248,042; published Aug. 2, 1927.
Pearls, necklaces, bracelets, earrings, etc. Cohn & Rosenberger, Inc. 234,204; Oct. 18; Serial No. 251,028; published Aug. 9, 1927.
Pins. Ornamental. Cohn & Rosenberger. 234,005; Oct. 18; Serial No. 249,949; published Aug. 2, 1927.
Rings. Finger. M. L. Novack. 234,116; Oct. 18; Serial No. 233,457; published Aug. 2, 1927.
Rings. Finger. J. B. Wood & Sons. 234,283; Oct. 18; Serial No. 250,336; published Aug. 9, 1927.

CLASS 31.

Refrigeration counters. E. Platten. 234,089; Oct. 18; Serial No. 247,444; published July 26, 1927.

CLASS 32.

Beds. Englander Spring Bed Co. 234,303; Oct. 18.
Kitchen cabinets. National Cloak & Suit Co. 234,183; Oct. 18; Serial No. 241,952; published Aug. 9, 1927.

CLASS 35.

Blow-out boot or patch for use in automobile tires. 20th Century Manufacturing Co. 234,165; Oct. 18; Serial No. 246,786; published Aug. 9, 1927.
Tire casings and inner tubes. Mansfield Tire & Rubber Co. 234,190; Oct. 18; Serial No. 239,622; published Aug. 9, 1927.
Tires and tubes. Automobile. Wolverine Rubber Co. 234,312; Oct. 18.

CLASS 36.

Harmonicas, Mouth. M. Hohner, Inc. 234,051; Oct. 18; Serial No. 248,494; published Aug. 21, 1927.
Musical instrument accessories. J. Schwartz Music Co. Inc. 234,009; Oct. 18; Serial No. 249,377; published Aug. 2, 1927.
Musical-instrument accessories. J. Schwartz Music Co. Inc. 234,243; Oct. 18; Serial No. 249,379; published Aug. 2, 1927.
Phonograph records. W. T. Grant Company. 233,999; Oct. 18; Serial No. 250,022; published Aug. 9, 1927.

CLASS 37.

Boards of paper or slings. L. S. Dixon & Co. 234,111; Oct. 18; Serial No. 231,530; published July 26, 1927.
Books and accounting forms. Account. C. R. Bryant. 234,029; Oct. 18; Serial No. 245,080; published July 26, 1927.
Cards and score pads. Tally. Buzza Company. 234,136; Oct. 18; Serial No. 230,081; published July 12, 1927.
Duplicating machines. Westenhoff & Co. 234,150; Oct. 18; Serial No. 210,595; published July 19, 1927.
Envelopes, letterheads, invoices, etc. Malling. C. J. Lincoln. 234,159; Oct. 18; Serial No. 247,029; published July 19, 1927.
Glassine, waxed paper, and combination of waxed glassine paper. Newark Paraffin and Parchment Paper Co. 234,178; Oct. 18; Serial No. 243,061; published July 26, 1927.
Music. Covers for sheet. S. Manus. 234,100; Oct. 18; Serial No. 247,902; published July 26, 1927.
Order slip and bottle closure. Combination. A. E. Richardson. 234,254; Oct. 18; Serial No. 249,601; published July 19, 1927.
Paper. Reversible Collar Company. 234,153; Oct. 18; Serial No. 247,571; published July 26, 1927.
Paper. Bond. Millers Falls Paper Company. 234,308; Oct. 18.

Paper, Book. Birmingham & Prosser Company. 234,301; Oct. 18; Serial No. 234,301; published July 12, 1927.
 Paper, Book. Graham Paper Company. 234,053; Oct. 18; Serial No. 245,905; published July 19, 1927.
 Paper, Ledger. Millers Falls Paper Company. 234,309; Oct. 18; Serial No. 234,309; published July 12, 1927.
 Paper napkins, Cold-cream remover made in form of. Hospital Specialty Co. 234,192; Oct. 18; Serial No. 239,112; published Aug. 9, 1927.
 Paper sealing, veneer, and stay tapes, Gummed and un-gummed. Chicago Gum Tape Company. 234,054; Oct. 18; Serial No. 246,331; published July 19, 1927.
 Paper, Toilet. Hoberg Paper & Fibre Company. 234,041; Oct. 18; Serial No. 248,688; published July 19, 1927.
 Paper, Toilet. Hoberg Paper & Fibre Company. 234,042; Oct. 18; Serial No. 248,687; published July 26, 1927.
 Paper, Toilet. Hoberg Paper & Fibre Company. 234,043-5; Oct. 18; Serial Nos. 248,684-6; published July 19, 1927.
 Paper, Toilet. Hoberg Paper & Fibre Company. 234,227-9; Oct. 18; Serial Nos. 248,689-91; published July 19, 1927.
 Paper wrappers, Printed. American Bread Wrapper Company. 234,134; Oct. 18; Serial No. 230,705; published July 19, 1927.
 Paper, Writing. J. G. Hutchison & Company. 234,071; Oct. 18; Serial No. 249,725; published July 26, 1927.
 Papers, Decorative and fancy. Paper Supply Company. 234,180; Oct. 18; Serial No. 242,744; published Aug. 9, 1927.
 Pencils, Lead. Eberhard Faber Pencil Company. 234,037; Oct. 18; Serial No. 249,895; published July 26, 1927.

CLASS 38.

Booklets and sheets, Printed. A. Rosenberg. 234,032; Oct. 18; Serial No. 245,227; published July 26, 1927.
 Booklets, circulars, pamphlets, and calendars. Baltimore and Ohio Railroad Company. 234,244; Oct. 18; Serial No. 249,403; published July 19, 1927.
 Booklets relating to the culture of flowers and shrubs. Wayside Gardens Co. 234,109; Oct. 18; Serial No. 246,867; published Aug. 2, 1927.
 Cards, Greeting. W. F. Phillips. 234,304; Oct. 18; Serial No. 234,218; Oct. 18; Serial No. 244,494; published Aug. 9, 1927.
 Cartoon strip. S. J. Herschfeld. 234,298-300; Oct. 18; Serial No. 250,124-6; published July 26, 1927.
 Cartoons. F. D. Miller. 234,106; Oct. 18; Serial No. 247,625; published July 26, 1927.
 Directories. Musical American Company. 234,076; Oct. 18; Serial No. 250,090; published July 26, 1927.
 House organs. Toledo Scale Company. 234,120; Oct. 18; Serial No. 234,420; published Nov. 2, 1926.
 Magazine. Barrist & Goodwin. 234,262; Oct. 18; Serial No. 250,895; published Aug. 2, 1927.
 Magazine. Exporters & Importers Journal, Inc. 234,092; Oct. 18; Serial No. 248,167; published Aug. 2, 1927.
 Magazine. Fiction House, Inc. 234,036; Oct. 18; Serial No. 249,897; published July 26, 1927.
 Magazine. Halre Publishing Company. 234,274; Oct. 18; Serial No. 250,616; published Aug. 2, 1927.
 Magazine. Marion Steam Shovel Company. 234,195; Oct. 18; Serial No. 238,125; published July 19, 1927.
 Magazine. A. W. Shaw Company. 234,275; Oct. 18; Serial No. 250,572; published July 19, 1927.
 Magazine. Name of a weekly. Red Star News Company. 234,200; Oct. 18; Serial No. 250,038; published Aug. 2, 1927.
 Magazines, Monthly. Universal Portland Cement Co. 234,201; Oct. 18; Serial No. 250,947; published Aug. 2, 1927.
 Mottoes, Gift. Buzza Company. 234,119; Oct. 18; Serial No. 234,371; published July 26, 1927.
 Newspaper. Monroe Evening News Co. 234,272; Oct. 18; Serial No. 250,629; published Aug. 2, 1927.
 Newspaper. Utica Daily Press Company. 234,265; Oct. 18; Serial No. 250,828; published Aug. 2, 1927.
 Newspapers. Daily Review Corporation. 234,292; Oct. 18; Serial No. 250,231; published July 19, 1927.
 Periodical. Dog and Cat Drug Stores, Inc. 234,063; Oct. 18; Serial No. 249,842; published July 19, 1927.
 Periodical. Mode Publishing Co. 234,181; Oct. 18; Serial No. 242,604; published Aug. 2, 1927.
 Periodical. Railway Equipment and Publication Company. 233,997-8; Oct. 18; Serial Nos. 250,037-8; published July 19, 1927.
 Periodical. Standard Oil Company (New Jersey). 234,068; Oct. 18; Serial No. 249,757; published July 19, 1927.
 Periodical and books. American Reforestation Association. 234,122; Oct. 18; Serial No. 235,873; published July 19, 1927.
 Photographs. B. H. Craine. 234,163-4; Oct. 18; Serial Nos. 246,818-19; published July 26, 1927.
 Printed lessons and lectures. Coyne Trade & Engineering school. 234,151; Oct. 18; Serial No. 186,828; published Aug. 2, 1927.
 Publication. Embroidery Manufacturers Association, Inc. 234,287; Oct. 18; Serial No. 250,302; published July 19, 1927.
 Publication. Gross-Brennan, Inc. 234,290; Oct. 18; Serial No. 250,238; published July 19, 1927.

Publication. Kendall Milla Inc. 234,112; Oct. 18; Serial No. 231,935; published July 19, 1927.
 Publication. Marketing Specialists, Inc. 234,107-8; Oct. 18; Serial Nos. 246,966-7; published Aug. 2, 1927.
 Publication. Marketing Specialists, Inc. 234,161; Oct. 18; Serial No. 246,968; published Aug. 2, 1927.
 Publication. M. D. Nicholson. 234,008; Oct. 18; Serial No. 250,033; published July 19, 1927.
 Publication. Shoe & Leather Reporter. 234,203; Oct. 18; Serial No. 251,017; published Aug. 2, 1927.
 Publication and periodical. Know St. Louis Publishing Co. 234,035; Oct. 18; Serial No. 249,911; published July 19, 1927.
 Tickets, coupons, and restaurant checks, Printed. Arcus Ticket Co. 234,132; Oct. 18; Serial No. 230,865; published June 22, 1926.

CLASS 39.

Aprons, Carpenters' work and change. Troy Sunshade Company. 234,140; Oct. 18; Serial No. 225,208; published July 12, 1927.
 Blouses, dresses, sweaters, etc. Emily Shops, Inc. 234,240; Oct. 18; Serial No. 249,467; published July 12, 1927.
 Boots and shoes. Samuel Cohen Shoe Co. 234,256; Oct. 18; Serial No. 249,607; published July 12, 1927.
 Boots and shoes. W. H. Miles Shoe Co. 234,260; Oct. 18; Serial No. 249,668; published July 12, 1927.
 Boots and shoes. M. A. Packard Company. 234,081; Oct. 18; Serial No. 248,437; published July 12, 1927.
 Clothing, Men's. Sol Zion & Co. 234,220; Oct. 18; Serial No. 244,417; published July 12, 1927.
 Coats and capes, Waterproof. Pearson Brothers. 234,160; Oct. 18; Serial No. 246,976; published July 5, 1927.
 Corsets and hip confiners. International Corset Company. 234,245; Oct. 18; Serial No. 249,424; published July 12, 1927.
 Dresses and aprons, House. S. L. Hoffman. 234,097; Oct. 18; Serial No. 248,009; published June 28, 1927.
 Gloves, Leather. National Association of Leather Glove and Mitten Manufacturers. 234,149; Oct. 18; Serial No. 210,803; published July 12, 1927.
 Gloves, underwear, hosiery, etc. Merrill-Clark-Melnig, Inc. 234,184; Oct. 18; Serial No. 241,665; published July 12, 1927.
 Hats. Consolidated Millinery Company. 234,015-16; Oct. 18; Serial Nos. 249,333-4; published July 12, 1927.
 Hats. Consolidated Millinery Company. 234,018; Oct. 18; Serial No. 249,326; published July 12, 1927.
 Hats, Ladies' and misses'. Consolidated Millinery Company. 234,011-12; Oct. 18; Serial Nos. 249,342-3; published July 12, 1927.
 Hats, Ladies' and misses'. Consolidated Millinery Company. 234,013-14; Oct. 18; Serial Nos. 249,339-40; published July 12, 1927.
 Hats, Ladies' and misses'. Consolidated Millinery Company. 234,017; Oct. 18; Serial No. 249,330; published July 12, 1927.
 Hats, Ladies' and misses'. Consolidated Millinery Company. 234,241; Oct. 18; Serial No. 249,327; published July 12, 1927.
 Heels, Rubber. Non-Skid Balloon Heel Corporation. 234,146; Oct. 18; Serial No. 223,319; published July 5, 1927.
 Hosiery and knit goods. Mission Hosiery Mills. 234,186; Oct. 18; Serial No. 241,427; published July 12, 1927.
 Shirts, Dress, negligee, and work. David H. Posner Inc. 234,232; Oct. 18; Serial No. 248,924; published June 28, 1927.
 Shirts, Men's work. Reliance Manufacturing Company. 234,094; Oct. 18; Serial No. 248,058; published July 12, 1927.
 Shoes. Field & Flint Co. 234,158; Oct. 18; Serial No. 247,070; published July 12, 1927.
 Shoes. S. Kann Sons Company. 234,226; Oct. 18; Serial No. 247,694; published June 28, 1927.
 Shoes. May Department Stores Company. 234,129; Oct. 18; Serial No. 245,550; published July 12, 1927.
 Shoes. Schuhfabrik Hassia A. G. 234,186; Oct. 18; Serial No. 246,780; published July 12, 1927.
 Shoes. J. P. Smith Shoe Company. 234,175; Oct. 18; Serial No. 243,628; published July 12, 1927.
 Shoes, Women's. Berland Shoe Stores Inc. 234,128; Oct. 18; Serial No. 245,613; published July 12, 1927.
 Stockings. Parker Hosiery Mill & Dye Works, Inc. 234,250; Oct. 18; Serial No. 249,536; published July 12, 1927.
 Suits, vests, pants, and overcoats, Boys'. H. A. Selmsheimer Company. 234,104; Oct. 18; Serial No. 244,824; published July 12, 1927.
 Undergarments and clothing. C. C. Hollidge. 234,172; Oct. 18; Serial No. 244,156; published July 12, 1927.
 Underwear, Ladies' knit. Well-Kaliter Manufacturing Company. 234,099; Oct. 18; Serial No. 247,919; published July 12, 1927.
 Underwear, Men's. Nuback Underwear Company. 234,246; Oct. 18; Serial No. 249,430; published July 12, 1927.
 Underwear, Women's and misses'. Winship, Bolt & Co. 234,143; Oct. 18; Serial No. 223,979; published July 12, 1927.
 Union suits, Men's and boys'. Carson Pirie Scott & Co. 234,110; Oct. 18; Serial No. 281,523; published July 5, 1927.

CLASS 41.

Umbrellas, umbrella ribs and frames. Follmer Clogg & Co. 234,198; Oct. 18; Serial No. 237,230; published July 26, 1927.

CLASS 45.

Beverage. General Citrus Corporation. 224,193; Oct. 18; Serial No. 239,101; published Aug. 9, 1927.
 Beverage. Maltless. C. J. McCarthy. 234,287; Oct. 18; Serial No. 250,129; published Aug. 9, 1927.
 Beverage, Maltless. Sterilized Beverage Manufacturing Co. 234,247; Oct. 18; Serial No. 249,446; published Aug. 9, 1918.
 Beverages and sirups for making the same, Maltless. L. House & Sons Co. 234,295; Oct. 18; Serial No. 250,175; published Aug. 9, 1927.
 Ginger ale and sirup for making the same. Paramount Distilled Water Co. 234,075; Oct. 18; Serial No. 250,093; published Aug. 9, 1927.
 Soft drinks. R. H. Patterson. 234,261; Oct. 18; Serial No. 250,936; published Aug. 9, 1927.
 Sugar and other ingredients used in the preparation of soft drinks. Tablets of. L. Schlosser. 234,019; Oct. 18; Serial No. 249,190; published Aug. 9, 1927.

CLASS 46.

Apples, Fresh. Dan Wulfe & Company. 234,196; Oct. 18; Serial No. 237,788; published July 12, 1927.
 Bread. W. H. Estes. 234,232; Oct. 18; Serial No. 249,579; published Aug. 2, 1927.
 Bread. G. J. Yentzen. 234,248; Oct. 18; Serial No. 249,456; published Aug. 9, 1927.
 Butter and bread. Chabrow Brothers. 234,142; Oct. 18; Serial No. 224,080; published Aug. 2, 1927.
 Butter, cheese, eggs. C. R. & W. J. Sutherland. 234,194; Oct. 18; Serial No. 238,751; published Dec. 14, 1926.
 Candy. Wm. Derrenbacher, Inc. 234,114; Oct. 18; Serial No. 232,913; published July 26, 1927.
 Candy. Ellne's Incorporated. 234,213; Oct. 18; Serial No. 251,326; published Aug. 9, 1927.
 Candy suckers. Millard Candy Company. 234,273; Oct. 18; Serial No. 250,628; published Aug. 9, 1927.
 Canned fish roe and fish. C. E. Davis & A. E. Davis. 234,179; Oct. 18; Serial No. 242,711; published Aug. 9, 1927.
 Canned fruits and vegetables. G. W. Hume Company. 234,118; Oct. 18; Serial No. 234,302; published Aug. 9, 1927.
 Canned fruits and vegetables. New York Cannery, Inc. 234,208; Oct. 18; Serial No. 251,075; published Aug. 9, 1927.
 Canned fruits and vegetables, dried or dehydrated fruits and vegetables, etc. Yucalpa Valley Fruit Co. 234,263; Oct. 18; Serial No. 250,882; published Aug. 9, 1927.
 Canned fruits, vegetables, and catchup. Rocky Mountain Packing Corporation. 234,074; Oct. 18; Serial No. 250,096; published Aug. 2, 1927.
 Canned fruits, vegetables, and pork and beans. Wettengel Corporation. 234,033; Oct. 18; Serial No. 245,126; published Aug. 2, 1927.
 Canned mushrooms. Keystone Mushroom Company. 234,306; Oct. 18; Serial No. 250,223; published Aug. 9, 1927.
 Canned vegetables. Brownsville Canning Company. 234,293; Oct. 18; Serial No. 250,223; published Aug. 9, 1927.
 Cattle and hogs, Live. F. S. Harmon. 234,266; Oct. 18; Serial No. 250,707; published Aug. 9, 1927.
 Cereal breakfast food. Kellogg Company. 234,062; Oct. 18; Serial No. 249,852; published July 26, 1927.
 Cereal foods, Whole-wheat. Hecker-H-O Company. 234,046; Oct. 18; Serial No. 248,683; published Aug. 2, 1927.
 Cheese. T. P. Grant. 234,319; Oct. 18; Serial No. 234,051; published Aug. 9, 1927.
 Cheese, Phenix Cheese Corporation. 234,117; Oct. 18; Serial No. 234,051; published Aug. 9, 1927.
 Cheese, olive oil, and canned tomatoes. Schroeder Bros. 234,083; Oct. 18; Serial No. 248,327; published Aug. 2, 1927.
 Chocolates, bonbons, caramels, etc. Voegelé & Dinning Company. 234,123; Oct. 18; Serial No. 235,903; published Oct. 12, 1926.
 Coffee. W. H. Belmes. 234,189; Oct. 18; Serial No. 240,058; published Jan. 11, 1927.
 Coffee, teas, rice, and food-flavoring extracts. E. J. O'Connor. 234,221; Oct. 18; Serial No. 244,864; published Aug. 2, 1927.
 Cookies, biscuits, butter flakes, cheese wafers, etc. Animal Standard Biscuit Company. 234,121; Oct. 18; Serial No. 235,176; published July 26, 1927.
 Crackers and cracker meal. B. Manschwitz Company. 234,050; Oct. 18; Serial No. 248,507; published Aug. 2, 1927.
 Dates, Fresh, stuffed and candied. John R. Florita Company. 234,313; Oct. 18; Serial No. 250,445; published Aug. 2, 1927.
 Eggs and butter. Palmetto Coffee Company. 234,056; Oct. 18; Serial No. 246,116; published Aug. 2, 1927.

Extract, Malt. E. S. Cluever. 234,103; Oct. 18; Serial No. 247,838; published July 12, 1927.
 Extract, Malt. R. Goodman. 234,162; Oct. 18; Serial No. 246,831; published May 31, 1927.
 Extract, Malt. Hagen-Becker Company. 234,307; Oct. 18; Serial No. 247,544; published July 12, 1927.
 Farm products. Humphrey Fruit Farm. 234,185; Oct. 18; Serial No. 241,531; published Aug. 2, 1927.
 Farm products. R. W. Skluner, Jr. 234,025; Oct. 18; Serial No. 249,199; published July 26, 1927.
 Feed and egg mash for poultry, Scratch. Universal Mills. 234,214; Oct. 18; Serial No. 251,367; published Aug. 9, 1927.
 Feed, Dairy. Maritime Milling Company. 234,023; Oct. 11; Serial No. 249,229; published Aug. 2, 1927.
 Feed mixture, Dairy. Moore Bros. 234,102; Oct. 18; Serial No. 247,863; published Aug. 2, 1927.
 Feed, Stock. Quaker Oats Company. 234,130; Oct. 18; Serial No. 245,749; published July 26, 1927.
 Feeds. Blank & Gottshall Co. 234,079; Oct. 18; Serial No. 250,059; published Aug. 2, 1927.
 Feeds, Poultry and stock. Quaker Oats Company. 234,131; Oct. 18; Serial No. 245,655; published July 26, 1927.
 Herring, Pickled. N. Davis & Company. 234,276; Oct. 18; Serial No. 529; published Aug. 9, 1927.
 Malt extracts. N. Kremer. 234,067; Oct. 18; Serial No. 249,798; published July 19, 1927.
 Malt sirup and malt extracts. A. A. Oostkowski. 234,057; Oct. 18; Serial No. 246,496; published July 19, 1927.
 Mayonnaise. Mars. E. Barlow. 234,281; Oct. 18; Serial No. 250,415; published Aug. 2, 1927.
 Milk, Pasteurized. J. D. Roszell Company. 234,139; Oct. 18; Serial No. 227,911; published Aug. 2, 1927.
 Oil, Olive. John D. Papadeas Inc. 234,124; Oct. 18; Serial No. 236,222; published July 26, 1927.
 Pastry, Danish. A. Siegel. 234,224; Oct. 18; Serial No. 248,732; published July 26, 1927.
 Potatoes. A. B. Wachlin. 234,024; Oct. 18; Serial No. 249,205; published Aug. 9, 1927.
 Sirup for ice-cream sundaes and food purposes. J. N. Collins Company. 234,077-8; Oct. 18; Serial No. 250,070-1; published Aug. 2, 1927.
 Sirup, Hop-flavored malt. Red Sun Products Company. 234,173; Oct. 18; Serial No. 243,887; published May 31, 1927.
 Sirup, Malt. P. Ballantine and Sons. 234,031; Oct. 18; Serial No. 245,321; published Apr. 26, 1927.
 Sirup, Malt. Ben-Burk, Inc. 234,154; Oct. 18; Serial No. 247,407; published May 31, 1927.
 Sirup, Malt. Ben-Burk, Inc. 234,167; Oct. 18; Serial No. 234,167; published May 10, 1927.
 Sirup, Malt. Ben-Burk, Inc. 234,168; Oct. 18; Serial No. 246,735; published May 10, 1927.
 Sirup, Malt. Ben-Burk, Inc. 234,169; Oct. 18; Serial No. 246,734; published May 17, 1927.
 Sirup, Malt. Ben-Burk, Inc. 234,170; Oct. 18; Serial No. 246,731; published May 10, 1927.
 Sirup, Malt. Consumers Brewing Company of New York Limited. 234,127; Oct. 18; Serial No. 245,474; published May 3, 1927.
 Sirup, Malt. J. F. Denend. 234,052; Oct. 18; Serial No. 245,898; published June 7, 1927.
 Sirup, Malt. W. Graf. 234,082; Oct. 18; Serial No. 248,362; published June 14, 1927.
 Sirup, Malt. M. C. Merker. 234,030; Oct. 18; Serial No. 245,447; published May 17, 1927.
 Sirup, Malt. H. Messerschmidt. 234,084; Oct. 18; Serial No. 248,312; published June 14, 1927.
 Sirup, Malt. Miller Products Company. 234,174; Oct. 18; Serial No. 243,769; published June 14, 1927.
 Sirup, Malt. A. J. Mooney. 234,225; Oct. 18; Serial No. 248,708; published June 14, 1927.
 Sirup, Malt. S. H. Stone. 234,171; Oct. 18; Serial No. 244,246; published June 7, 1927.
 Sirup, Malt. Tropical Food Products Company. 234,240; Oct. 18; Serial No. 249,106; published July 12, 1927.
 Sirup, Table. Tuscaloosa Syrup Co. 234,269; Oct. 18; Serial No. 250,653; published Aug. 2, 1927.
 Spaghetti. C. F. Mueller Company. 234,177; Oct. 18; Serial No. 243,226; published Aug. 2, 1927.
 Starch. Edible. Corn Products Refining Company. 234,264; Oct. 18; Serial No. 250,837; published Aug. 2, 1927.
 Toast. Excelsior Baking Co. 234,320; Oct. 18; Serial No. 248,038; published Aug. 2, 1927.
 Worcestershire sauce. Gliroux Company. 234,205; Oct. 18; Serial No. 251,033; published Aug. 2, 1927.

CLASS 47.

Wine, Champagne. Societe Vinicole de Champagne. 234,022; Oct. 18; Serial No. 249,301; published Aug. 9, 1927.

CLASS 48.

Malt cereal beverages. M. K. Goetz Brewing Co. 234,125; Oct. 18; Serial No. 236,264; published Oct. 26, 1926.

ALPHABETICAL LIST OF LABELS.

Add-A-Tint. For Paint. California Paint Company. 32,861; Oct. 18.
Ad-Van-tage. For Toilet Paper. Van Paper Supply Co. 32,885; Oct. 18.
Angel Dainty Dry Cleaner. For Dry Cleaner. Angel Dainty Dye Co. 32,858; Oct. 18.
Art Corners. For Gummed Mounting Corners for Mounting Photographs, Prints, Clippings, and the Like. Engel Art Corners Manufacturing Co. 32,862; Oct. 18.
August Health Bread. For Bread. J. August. 32,859; Oct. 18.
B Well Herbs. For Herbs. J. O. Sanders. 32,880; Oct. 18.
B Well Oil. For Oil. J. O. Sanders. 32,881; Oct. 18.
Best Fat. For Vegetable Fat. M. D. Zimmer & Co. 32,890; Oct. 18.
Celery Salt Flavored Potato Chips. For Celery-Salt-Flavored Potato Chips. P. F. Hansel. 32,869; Oct. 18.
Eggola. For Egg Mash Feed for Hens. Feedola Milling Co. 32,867; Oct. 18.
Equity Green Bag Egg Mash. For Poultry Feed. Feeders' Supply Company. 32,863; Oct. 18.
Equity Green Bag Starter & Grower. For Chick Feed. Feeders' Supply Company. 32,864; Oct. 18.
Frost-Kissed Ice Cream. For Ice-Cream Food Units Called Polar Eggs. T. J. Lynch. 32,872; Oct. 18.
Grandma's Cakes. For Cakes. Lantz Bros. Baking Co. 32,871; Oct. 18.
Growola. For Growing Mash Poultry Feed for Growing Chickens. Feedola Milling Co. 32,865; Oct. 18.
Hopson's Mexican Style Pecan Candy. For Pecan Candy. A. B. C. Candy Co. 32,856; Oct. 18.
Hydrastone. For a Medicinal Preparation. Valley Drug Company. 32,883; Oct. 18.

Ideal New York-Paris Monoplane. For Material for Construction of a Scale Model Aeroplane. Ideal Aeroplane & Supply Co. 32,870; Oct. 18.
J. H. Mooney See-Touch Playing Cards Blind and Seeing. For Playing Cards. J. H. Mooney. 32,874; Oct. 18.
Jersey. For Butter. Menasha Printing and Carton Company. 32,873; Oct. 18.
Komplex. For Facial Creams or Cosmetics. Paristyle Novelty Co. Inc. 32,876; Oct. 18.
Merder. For Insecticide. M. Regelson. 32,879; Oct. 18.
Mole Instant Window Cleaner. For Window Cleaner. Gold Dust Corporation. 32,868; Oct. 18.
Ne-Hi. For Cigars. C. D. Meyers & Co. 32,875; Oct. 18.
Readi-Set Window Chain. For Window Chains. Bridgeport Chain Company. 32,860; Oct. 18.
Rotary. For Oranges. W. P. Peyton Fruit Co. 32,878; Oct. 18.
S & F. For Canned Peaches. Smart & Final Co. 32,882; Oct. 18.
Startola. For Starting Mash Poultry Feed for Baby Chicks. Feedola Milling Co. 32,866; Oct. 18.
Sun Coffee. For Coffee. Adams-Henry Company. 32,857; Oct. 18.
Ungt. Cadinol Comp. For a Medicinal Preparation. Valley Drug Company. 32,884; Oct. 18.
Valley Club. For a Nonalcoholic, Maltless Beverage Sold as a Soft Drink and Sirups for Making Same. G. W. Peverley. 32,877; Oct. 18.
Van-Quish. For Toilet Paper. Van Paper Supply Co. 32,886; Oct. 18.
Western Field Trap Load. For Shotgun Shells. Western Cartridge Company. 32,889; Oct. 18.
Western Xpert Trap Load. For Shotgun Shells. Western Cartridge Company. 32,887; Oct. 18.
Western Xpert Shotgun Shells. For Shotgun Shells. Western Cartridge Company. 32,888; Oct. 18.

ALPHABETICAL LIST OF PRINTS.

A Large Dish of Strawberry Ice Cream. For Ice Cream. Mathews Industries Inc. 10,284; Oct. 18.
Aged 6 Months. For Cluquot Club Ginger Ale. General Outdoor Advertising Co. Inc. 10,272; Oct. 18.
As Pure as The Dew. For Ice Cream. Mathews Industries Inc. 10,302; Oct. 18.
Better Pleatings at Prices that Meet Competition. For Pleatings. Ideal Pleating Co. Inc. 10,274; Oct. 18.
Billy Cold Fix. For Laxative Cold-Fix Tablets. Corn Fix Company. 10,265; Oct. 18.
C Bungalow Stores. For Foods. N. M. Constans. 10,264; Oct. 18.
Chocolate Sundae The Children's Delight. For Ice Cream. Mathews Industries Inc. 10,286; Oct. 18.
Coffee Contentment M. J. B. (With Design of Two Persons Appearing in Bathing Dress.) For Coffee. M. J. B. Co. 10,304; Oct. 18.
Coffee Contentment M. J. B. (With Design of Two Persons in Conventional Dress, Seated at a Table.) For Coffee. M. J. B. Co. 10,305; Oct. 18.
Cones—A Pure Food. For Ice Cream. Mathews Industries Inc. 10,283; Oct. 18.
Delicious and Inviting. For Ice Cream. Mathews Industries Inc. 10,288; Oct. 18.
Everybody's Favorite. For Ice Cream. Mathews Industries Inc. 10,291; Oct. 18.
Father's Delicious Brick. For Ice Cream. Mathews Industries Inc. 10,294; Oct. 18.
Friendly Pineapple Pete. For Ice Cream. Mathews Industries Inc. 10,278; Oct. 18.
Grandma's Favorite. For Ice Cream. Mathews Industries Inc. 10,297; Oct. 18.
Grandpa's Choice. For Ice Cream. Mathews Industries Inc. 10,295; Oct. 18.
Health Authorities Are Now Urging Mothers. For Wheat Breakfast Food. Cream of Wheat Co. 10,266; Oct. 18.
Healthful and Appetizing. For Ice Cream. Mathews Industries Inc. 10,287; Oct. 18.
Helpful Polly Peach. For Ice Cream. Mathews Industries Inc. 10,281; Oct. 18.
It'll Put You on Your Tocs. For a Tonic. C. W. Abbott & Co. 10,262; Oct. 18.
Lady Lustra. For Underwear. Both Silk and Rayon. Minneapolis Linc Co. 10,303; Oct. 18.
Maid O'Clover. For Butter, Eggs, and Cheese. Mutual Creamery Company. 10,306; Oct. 18.
Maplenut—A Wholesome Food. For Ice Cream. Mathews Industries Inc. 10,285; Oct. 18.
Maquinas Singer Para Coser. For Sewing Machines. Singer Sewing Machine Company. 10,308; Oct. 18.
Nutritious and Wholesome. For Ice Cream. Mathews Industries Inc. 10,301; Oct. 18.

Odell's American Beauty. For Hair Tonic. Odell Company. 10,307; Oct. 18.
Right Here. The Cuban Seal Cigar. For Cigars. D. J. Weinreich. 10,311; Oct. 18.
Slater's Treat. For Ice Cream. Mathews Industries Inc. 10,298; Oct. 18.
6-4-4. For Motor Trucks. Hendrickson Motor Truck Company. 10,273; Oct. 18.
Sunshine Service. For Electricity, Gas, and Ice. Florida Power & Light Company. 10,268; Oct. 18.
Sunshine Serv-Ice. For Ice. Florida Power & Light Company. 10,269; Oct. 18.
Sunshine Service. For Power, Gas, and Ice. Florida Power & Light Company. 10,270; Oct. 18.
Sunshine Serv-Ice. For Power, Gas, and Ice. Florida Power & Light Company. 10,271; Oct. 18.
Sweet and Wholesome. For Ice Cream. Mathews Industries Inc. 10,292; Oct. 18.
Tanglefoot Fly Spray. For Insecticide. Tanglefoot Company. 10,309; Oct. 18.
Taste That Marvelous Chocolate Flavor. For Dessert Preparations. D & C Co. Inc. 10,267; Oct. 18.
The Banana Boy. For Ice Cream. Mathews Industries Inc. 10,277; Oct. 18.
The Child's Desire. For Ice Cream. Mathews Industries Inc. 10,293; Oct. 18.
The Ice Cream Town Bricks and Sodas. For Ice Cream. Mathews Industries Inc. 10,289; Oct. 18.
The Ice Cream Town of Bricks and Cones. For Ice Cream. Mathews Industries Inc. 10,290; Oct. 18.
The Ice Cream Town of Bricks and Creams. For Ice Cream. Mathews Industries Inc. 10,300; Oct. 18.
The New Complete Cadet Van Dyke Foot. For Hosiery. Cadet Knitting Company. 10,263; Oct. 18.
The Nutty Walnut. For Ice Cream. Mathews Industries Inc. 10,279; Oct. 18.
The Proper Little Cherry. For Ice Cream. Mathews Industries Inc. 10,276; Oct. 18.
The Raspberry Rumpus. For Ice Cream. Mathews Industries Inc. 10,280; Oct. 18.
The Sleeping Boy's Delight. For Ice Cream. Mathews Industries Inc. 10,299; Oct. 18.
The Youngster's Standby. For Ice Cream. Mathews Industries Inc. 10,296; Oct. 18.
Wallace Electric Hand saw. For Electric Handsaws. J. D. Wallace & Co. 10,310; Oct. 18.
Why Hesitate. For Dental Cream. Kolynos Company. 10,275; Oct. 18.
Why Strawberries Get in Jams. For Ice Cream. Mathews Industries Inc. 10,282; Oct. 18.

ALPHABETICAL LIST OF PATENTEES

TO WHOM

PATENTS WERE ISSUED ON THE 18TH DAY OF OCTOBER, 1927.

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice). Includes patents, reissues, and designs.

Abraham, George W., Detroit, Mich. Shot loader. 1,645,638; Oct. 18.
Abrams, Herman, Philadelphia, assignor to Crescent Brass Mfg. Co., Reading, Pa. Bridge arm for lighting fixtures. Des. 73,633; Oct. 18.
Adams, William S. (See Cole, C. M., and Adams.)
Adams, Arthur L., Reed City, Mich. Railroad tie. 1,645,514; Oct. 18.
Aerial Service Corporation. (See Mummert, Harvey C., assignor.)
Affholder, Clements S., Madison, Wis., assignor to French Battery Company. Dry-cell-core-making machine. 1,645,678; Oct. 18.
Aktiengesellschaft Brown, Boveri and Cie. (See Wirtz, Ernst, assignor.)
Alaska Refrigerator Company, The. (See Bult, Ralph, assignor.)
Albee, William H., assignor to B. A. Corbin & Son Company, Marlboro, Mass. Machine, and making box-toe blanks. 1,645,845; Oct. 18.
Alfano, Matthew A., Garfield, and S. Bohenek, Passaic, N. J. Line tightener. 1,646,336; Oct. 18.
Allen, Grosvenor N., Onelda, N. Y. Dish or similar article. Des. 73,634; Oct. 18.
Allen, Joseph H., Chandler, Ariz. Oil-reservoir alarm for cook stoves. 1,646,337; Oct. 18.
Allen, Samuel E., Poughkeepsie, assignor to The De Laval Separator Company, New York, N. Y. Gradually speeding up engine-driven machines. 1,645,979; Oct. 18.
Allerhelliggen, Albert H., C. Erichsen, and L. F. Crain, Missouri Valley, Iowa. Temperature control for internal-combustion motors. 1,646,338; Oct. 18.
Alter, Julius M., Brooklyn, N. Y. Match book and method of making. 1,646,229; Oct. 18.
Altorfer, Lehmann & Cie., Zentralhelzungsabrik. (See Seikinger, Otto, assignor.)
Ambler Asbestos Shingle, Slate and Sheathing Company. (See Frey, Ralph E., assignor.)
American Hemberg Corporation. (See Meyer-Gaus, Karl, assignor.)
American Can Company. (See Pittelkow, August, assignor.)
American Dresser Tunnel Kilns, Inc. (See Dressler, Conrad, assignor.)
American Dresser Tunnel Kilns, Inc. (See Meehan, Paul A., assignor.)
American Electrical Heater Company. (See Thomas, L. H., and Kuhn, assignors.)
American Multigraph Company, The. (See Schultz, August L., assignor.)
American Stamping Co. (See Ordway, Donald P., assignor.)
American Telephone and Telegraph Company. (See Bascom, Henry M., assignor.)
American Telephone and Telegraph Company. (See Matte, Andrew L., assignor.)
American Telephone and Telegraph Company. (See Nyquist, Harry, assignor.)
Amles, Joseph H., Philadelphia, Pa. Hardening and toughening broken-mineral aggregates, consisting of trap rock, limestones, sandstones, and types of shale rocks. 1,645,891; Oct. 18.
Anderson, Nils A., Brooklyn, N. Y. Wrench. 1,645,570; Oct. 18.
Anderson, William J., Brooklyn, N. Y. Automatic operating device for steam-jet pumps or the like. 1,645,639; Oct. 18.
Andres, William J., South Bend, Ind. Brake-operating connection. 1,645,846; Oct. 18.
Andrews, Arthur G., Rockford, Ill., assignor to The Washburn Company, Worcester, Mass. Dish drier. 1,646,179; Oct. 18.
Andrews, Isaac, Spartanburg, S. C. Loom harness. 1,645,571; Oct. 18.
Andrews, Isaac, Spartanburg, S. C. Loom harness. 1,645,572; Oct. 18.
Anthony, David S., San Antonio, Tex. Flour mill. 1,645,847; Oct. 18.
Apeldorn, Guy S., Philadelphia, Pa. Water-softening system. 1,646,270; Oct. 18.
Aquila, Anthony, Iselin, N. J. Price-card holder. 1,645,640; Oct. 18.
Arctic Dairy Products Company. (See Zoller, Harper F., assignor.)
Armstrong Cork Company, The. (See Busch, Herman F., assignor.)

Arizona Minerals Corporation. (See Lindsay, Frederick K., assignor.)
Ash, Louis R., Kansas City, Mo. Center lock for bascule bridges. 1,646,340; Oct. 18.
Atkins, E. C., & Company. (See Gommel, Dewey E., assignor.)
Atlas-Globe China Co., The. (See Habermann, Henry, assignor.)
Atlas Press Company. (See Collins, James G., assignor.)
Augenstein, Wilhelm, Elmendingen, Germany. Facet-cutting machine. 1,646,375; Oct. 18.
Austin, Walter S., Grand Rapids, Mich. Spring suspension for vehicles. 1,646,180; Oct. 8.
Automatic Electric Inc. (See Richardson, R. G., and Bellamy, assignors.)
Automatic Electric Inc. (See Schwartz, Michael, assignor.)
Automatic Electric Inc. (See Smith, Arthur B., assignor.)
Automatic Electric Inc. (See Wicks, John, assignor.)
Automotive Valves Co., The. (See Burnett, Everett R., assignor.)
Axtell, Frank C., South Pasadena, assignor to Axtell Research Laboratories, Inc., Los Angeles, Calif. Petroleum-refining process and reagent for the removal of sulphur. 1,645,679; Oct. 18.
Axtell Research Laboratories, Inc. (See Axtell, Frank C., assignor.)
Ayres, Eugene E., Jr., Chester, assignor to The Sharples Specialty Company, Philadelphia, Pa. Resolving water-in-oil emulsions. 1,646,339; Oct. 18.
B & H Engineering Laboratories. (See Barrows, Ira C., assignor.)
Babcock & Wilcox Company, The. (See Kemnal, James, assignor.)
Babekuhl, William, Los Angeles, Calif. Lock for railroad cars. 1,646,181; Oct. 18.
Bacon, Daniel R., Goshen, assignor to Percy Manufacturing Company, Inc., New York, N. Y. Turnstile. 1,646,078; Oct. 18.
Badische Anilin- & Soda-Fabrik. (See Müller-Cunradi, M., and Wilke, assignors.)
Bair-Collins Company. (See Stolberg, Anders J., assignor.)
Baker-Perkins Company. (See Hickley, Harry W., assignor.)
Baker-Raulang Company, The. (See Stoner, Frank, assignor.)
Baldwin Company, The. (See Tower, Herschel E., assignor.)
Baldwin Locomotive Works, The. (See Neebe, Lawrence L., assignor.)
Balfour, Guthrie & Co. (See Jones, Paul R., assignor.)
Ballard, Harrie A., assignor to General Shoe Machinery Company, Boston, Mass. Innersole-forming machine. 1,645,515; Oct. 18.
Ballard, Milton H., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Strip-attaching means. 1,645,641; Oct. 18.
Baltimore Paper Company. (See Berkowitz, Eugene B., assignor.)
Bangs, Edwin Q., assignor to Hamilton Beach Mfg. Co., Racine, Wis. Motor mounting. 1,645,680; Oct. 18.
Baquet, Pierre (called) Gaston, Colombes, France. Grease tube for facial make-up. 1,646,005; Oct. 18.
Baradat, Claudio, Barcelona, Spain. Cinematographic apparatus adapted for the continuous travel of the film. 1,646,341; Oct. 18.
Barbee, Thomas M. (See Reynolds, W. B., and Barbee.)
Barber, William J., assignor to The Delphos Mop Company, Delphos, Ohio. Wringer-mop construction. 1,645,681; Oct. 18.
Barker, Edmund G., et al. (See O'Brien, J. R., and Revell, assignors.)
Barker & Rawson. (See O'Brien, J. R., and Revell, assignor.)
Barnes, Cornelia, executrix. (See Barnes, William H., assignor.)
Barnes, George L., Everett, Wash. Crude-oil burner. 1,645,787; Oct. 18.
Barnes, William H., deceased, Seattle, Wash.; C. Barnes, executrix. Motor vehicle. 1,646,131; Oct. 18.
Barney, Edwin E., New Rochelle, assignor to Remington Typewriter Company, Ilion, N. Y. Typewriting machine. 1,646,271; Oct. 18.
Barr and Stroud Limited. (See Strang, John M., assignor.)

Barrowman, Robert. (See Tape, William H., assignor.)
 Barrows, Ira C., assignor to B & H Engineering Laboratories, Oakland, Calif. Brake dressing. 1,645,682; Oct. 18.
 Barry, Carl A., Sutherland, Iowa. Hitch. 1,646,342; Oct. 18.
 Barry, Nicholas, Muscatine, Iowa. Button-blank-facing machine. 1,646,132; Oct. 18.
 Barrymore Seamless Wiltons, Inc., The. (See Finlay, Alexander, assignor.)
 Barthélemy, Henri, assignor to The Societe Industrielle des Matieres Plastiques, Paris, France. Manufacture of the condensation products of urea and of formaldehyde. 1,645,848; Oct. 18.
 Bascom, Henry M., Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Telephone-exchange system. 1,645,573; Oct. 18.
 Bassick Alemitte Corporation. (See Zerk, Oscar U., assignor.)
 Bassick Manufacturing Company, The. (See Davis, Ernest W., assignor.)
 Bassick Manufacturing Company, The. (See Fesler, Douglas F., assignor.)
 Bassick Manufacturing Company, The. (See Fuller, Percy H., assignor.)
 Bassick Manufacturing Company, The. (See Zerk, Oscar, assignor.)
 Bates, Benjamin E., assignor to Wilson-Western Sporting Goods Company, Chicago, Ill. Helmet or headguard. 1,646,272; Oct. 18.
 Battelle, Eugene E., New York, N. Y. Purifying liquids and making sugar. 1,646,079; Oct. 18.
 Beach, Hamilton, Mfg. Co. (See Bangs, Edwin Q., assignor.)
 Bearly, Fred D., Oklahoma City, Okla. Derrick. 1,645,980; Oct. 18.
 Bechman, William O., and F. G. Knudsen, Chicago, Ill. Hoisting derrick. 1,646,133; Oct. 18.
 Beck, John, Brooklyn, N. Y. Combination article of furniture. 1,645,683; Oct. 18.
 Beck, Sigmond, Nuremberg, Germany. Paintbrush. 1,646,182; Oct. 18.
 Becker, Heinrich, Kiel-Hasse, assignor to Fried. Krupp Germanlawerft Aktiengesellschaft, Kiel-Garden, Germany. Valve gear for power engines. 1,645,574; Oct. 18.
 Becker, Heinrich, Kiel-Hasse, assignor to Fried. Krupp Germanlawerft Aktiengesellschaft, Kiel-Garden, Germany. Cylinder for two-stroke internal-combustion engines with scavenging ports. 1,645,575; Oct. 18.
 Becker, Joseph E., San Francisco, Calif. Trailer-steering device. 1,645,892; Oct. 18.
 Beckman, Arthur C., Mound City, S. Dak. Corn harvesting and husking machine. 1,646,004; Oct. 18.
 Beckwith, Clinton H., Geneva, assignor to Crane Co., Chicago, Ill. Limit switch. 1,646,080; Oct. 18.
 Becomnier, Paul M., Paris, France. Shock absorber. 1,645,576; Oct. 18.
 Behlmer, Otto. (See Holmes, R. C., Manley, and Behlmer.)
 Bell, Daniel, assignor to Invincible Laundry Equipment Co., Chicago, Ill. Door latch. 1,645,949; Oct. 18.
 Bell Telephone Laboratories, Incorporated. (See Shann, O. A., and Kuntz, assignors.)
 Bell Telephone Laboratories, Incorporated. (See Shiel, John R., assignor.)
 Bellamy, John I., (See Richardson, R. G., and Bellamy.)
 Beltz, Peter J., Stillwater, Minn. Latch. 1,646,343; Oct. 18.
 Bendix Brake Company. (See McConkey, Montgomery W., assignor.)
 Benedict, Charles F., New York, N. Y. Scissors. 1,645,981; Oct. 18.
 Bennett, Arthur J., Cambridge, Ohio. Flower holder. 1,645,577; Oct. 18.
 Benninger, Mario, Rheineck, St. Gall, Switzerland. Peeling machine. 1,645,516; Oct. 18.
 Benson, George F., Syracuse, N. Y. Preventing leaking of oil from axle housings. 1,645,578; Oct. 18.
 Bergquist, Arthur E., Lindstrom, Minn. Protective apparatus for banks. 1,646,344; Oct. 18.
 Bernhard, Frederick S., Brooklyn, assignor to Western Electric Company, Incorporated, New York, N. Y. Regulator. 1,645,850; Oct. 18.
 Berkowitz, Eugene B., assignor to Baltimore Paper Company, Kansas City, Mo. Feeding device. 1,646,230; Oct. 18.
 Berry, Edgar, Hyde, Manchester, England. Machine for taping or sealing boxes, bottles, and like containers. 1,645,734; Oct. 18.
 Bethend, Joseph, and E. Girardeau, Paris, France. High-frequency alternator. 1,645,517; Oct. 18.
 Bethlehem Steel Company. (See Seavey, Elmer S., assignor.)
 Bevier, Philip H., Brooklyn, N. Y., assignor to National Fire Proofing Company, Pittsburgh, Pa. Composite floor structure. 1,646,183; Oct. 18.
 Billings, Frank. (See Greenleaf, Robert P., assignor.)
 Billingsley, Ora, New York, N. Y. Lock. 1,645,579; Oct. 18.
 Billingsley, Ora. (See Raines, B. D., and Billingsley.)
 Binder, Adolph E., Spokane, Wash. Grate bar and support. 1,645,735; Oct. 18.
 Birch, Charles H., Joliet, Ill. Apparatus for comminuting materials. 1,646,184; Oct. 18.

Birch-Field, Charles A., Larchmont, N. Y. Inductance unit. 1,645,511; Oct. 18.
 Bischof, Bernhard, Geneva, Switzerland. Engine with rotating cylinders arranged radially. 1,646,185; Oct. 18.
 Bishop, Orlen E., Clifton, S. C., assignor to E. E. Child Company, Spartanburg, S. C. Shaft box. 1,645,982; Oct. 18.
 Blacher, Joseph, et al. (See Burgess, Pearl M., assignor.)
 Black, Lester C., Los Angeles, Calif. Multistage pump plunger. 1,646,134; Oct. 18.
 Black, Silvals & Bryson Mfg. Co. (See Raymond, Gwynne, assignor.)
 Black, Thomas C., Portland, Oreg. Detachable link. 1,646,135; Oct. 18.
 Blackadder, Thomas, Great Neck, N. Y. Treating leather. 1,645,842; Oct. 18.
 Blanch, Sven M., and G. W. Fleming, assignors to Fleming Machine Company, Worcester, Mass. Metal-cutting tool. 1,645,736; Oct. 18.
 Block, Maurice, assignor to Block Porteller Company, Chicago, Ill. Lightline fixture. Des. 73,635; Oct. 18.
 Block, Maurice, assignor to Block Porteller Company, Chicago, Ill. Floor lamp. Des. 73,636; Oct. 18.
 Block, Maurice, assignor to Block Porteller Company, Chicago, Ill. Floor lamp. Des. 73,637; Oct. 18.
 Block Porteller Co. (See Block, Maurice, assignor.)
 Bluhm, Leo, New York, N. Y. Woven fabric or similar article. Des. 73,638; Oct. 18.
 Bluhm, Leo, New York, N. Y. Woven fabric or similar article. Des. 73,639; Oct. 18.
 Blumstead, Ralph W., Lowell, Mass., and R. S. Robertson, Covington, Tenn., assignors of one-third to H. J. Monty, Lowell, Mass. Vibrator for card doffers. 1,645,794; Oct. 18.
 Bock, Edward S., Croydon, Pa. Apparatus for making laminated glass. 1,645,580; Oct. 18.
 Bock, William E., Eagle Point Colony, assignor to The Erie Glass Company, Toledo, Ohio. Method and apparatus for manufacturing glassware. 1,645,684; Oct. 18.
 Bockhoff, William F. (See Galloway, R. M., Bockhoff, and Meloy.)
 Bodine Electric Company. (See Williams, Ralph T., assignor.)
 Boehringer, C. H., Sohn Chemische Fabrik. (See Wieland, Heinrich, assignor.)
 Boesch, Gustav S., Danbury, Conn. Hat-sizing machine. 1,645,581; Oct. 18.
 Bohenek, Stephen. (See Alfano, M. A., and Bohenek.)
 Boles, Harry R., Harvey, Ill. Combination tire pump and gauge. 1,645,788; Oct. 18.
 Bolz, James H. C., San Francisco, Calif. Blade holder. 1,645,685; Oct. 18.
 Boltz, Fred S. (See Perry, E. J., and Boltz.)
 Bonsall, Charles D., Pittsburgh, Pa., assignor to P. H. Murphy Company, New Kensington, Pa. Car roof. 1,645,551; Oct. 18.
 Booth David, Baltimore, Md. Bolt for doors, gates, etc. 1,646,136; Oct. 18.
 Borden, Percy, et al. (See Dickie, James, assignor.)
 Bornhauser, Otto E., and J. E. Herman, Sandusky, Ohio. Apparatus for effecting a continuous preparation and delivery of a cementitious mixture. 1,645,518; Oct. 18.
 Boston Machine Works Company. (See Osgood, Walter P., assignor.)
 Bound Brook Oil-Less Bearing Company. (See Shoemaker, George A., assignor.)
 Bourgon, Joseph H., Detroit, Mich., assignor to The Studebaker Corporation, South Bend, Ind. Top construction. 1,645,582; Oct. 18.
 Bowen, Phillip A., assignor to L. A. Little, Lynn, Mass. Grade-crossing-protecting system. 1,645,512; Oct. 18.
 Boye, James H., assignor to James H. Boye Manufacturing Company, Chicago, Ill. Curtain rod. 1,646,049; Oct. 18.
 Boye, James H., Manufacturing Company. (See Boye, James H., assignor.)
 Brackelsberg, Casper D., Madella, Minn. Tilting apparatus for harrows. 1,646,273; Oct. 18.
 Brady, John D., Bartlesville, Okla., assignor to Brady Process Company, El Dorado, Ark. Fluid-feed apparatus. 1,645,686; Oct. 18.
 Brady Process Company. (See Brady, John D., assignor.)
 Brandes Laboratories, Inc. (See Brigham, C. A., and Gerns, assignors.)
 Brecknell, Munro & Rogers Limited. (See Dolman, Henry J., assignor.)
 Brides, Thomas J. (See Ralche, P. A., Dowling, and Brides.)
 Brigham, Cyril A., and W. H. Gerns, East Orange, assignors to Brandes Laboratories, Inc., Newark, N. J. Electromagnetic driver. 1,645,583; Oct. 18.
 Brinckerhoff, Francis M., Suffern, N. Y., assignor to Pressed Steel Car Company, Pittsburgh, Pa. Safety device for articulated cars. 1,645,983; Oct. 18.
 Brogden, Joah, Melrose Park, assignor to David Lupton's Sons Company, Philadelphia, Pa. Metallic window. 1,646,006; Oct. 18.
 Brook, Harold, assignor to The C. G. Spring & Bumper Company, Detroit, Mich. Automobile bumper. 1,646,789; Oct. 18.
 Brooks, George C. Jr., Camden, N. J. Radio tuning coil. 1,646,231; Oct. 18.

Brown, Harold, Kansas City, Kans. Packless ball valve. 1,645,790; Oct. 18.
 Brown, John L., assignor to The Pooley Company, Philadelphia, Pa. Amplifier. 1,646,050; Oct. 18.
 Brown, Maurice H., North Baltimore, Ohio. Cap for horse collars. 1,646,051; Oct. 18.
 Brownlee, Roy H., Pittsburgh, Pa. Dentifrice. 1,645,791; Oct. 18.
 Brownlee, Roy H., Pittsburgh, Pa. Dentifrice. 1,645,792; Oct. 18.
 Brownlee, Roy H., Pittsburgh, Pa. Dentifrice. 1,645,793; Oct. 18.
 Brownlee, Roy H., Pittsburgh, Pa. Dentifrice. 1,645,852; Oct. 18.
 Bruce, Alfred W., New York, N. Y. Locomotive frame. 1,645,687; Oct. 18.
 Bucknam, Worth C., Jersey City, N. J., assignor to The Linde Air Products Company. Welding and cutting apparatus. 1,645,893; Oct. 18.
 Budd, Edward G., Manufacturing Company. (See Ledwinka, Joseph, assignor.)
 Budd, Edward G., Manufacturing Company. (See Meadowcroft, Joseph W., assignor.)
 Buell, Oliver D., and H. J. Miller, Kansas City, Mo. Fire-extinguisher mounting. 1,645,584; Oct. 18.
 Buffalo Co-operative Stove Co. (See Kener, Edward, Jr., assignor.)
 Bugenhagen, George H., Minot, N. Dak. Snubber for automobiles. 1,645,519; Oct. 18.
 Bult, Ralph, assignor to The Alaska Refrigerator Company, Muskegon, Mich. Brine-tank hanger. 1,646,186; Oct. 18.
 Burgess and Blacher. (See Burgess, Pearl M.)
 Burgess, Pearl M., et al. (See Burgess, Pearl M., assignor.)
 Burgess, Pearl M., Reading, assignor to P. M. Burgess and J. Blacher, doing business under the firm name of Burgess and Blacher, Boston, Mass. Hospital operating room. 1,645,520; Oct. 18.
 Burkhalter, John M., Canyon, Tex. Sled lister cultivator. 1,646,007; Oct. 18.
 Burnap, James M., Chicago, Ill. Foot-washing slipper. 1,645,688; Oct. 18.
 Burson Knitting Company. (See Hinchliff, Ralph, assignor.)
 Burnett, Everett R., assignor to The Automotive Valves Co., Los Angeles, Calif. Internal-combustion engine. 1,645,795; Oct. 18.
 Burnett, Everett R., assignor to The Automotive Valves Co., Los Angeles, Calif. Internal-combustion engine. 1,645,796; Oct. 18.
 Burnett, Everett R., assignor to The Automotive Valves Co., Los Angeles, Calif. Internal-combustion engine. 1,645,797; Oct. 18.
 Burton, Edward, Grand Rapids, Mich., assignor to Keeler Brass Co., Grand Rapids, Mich. Drawer pull. Des. 73,640; Oct. 18.
 Burton, Garrett G., Topeka, Kans. Sealing composition for punctures in pneumatic tires and the like. 1,645,585; Oct. 18.
 Busch, Herman F., Millvale, assignor to Armstrong Cork Company, Pittsburgh, Pa. Cork ribbon and making the same. 1,646,187; Oct. 18.
 Busch-Sulzer Bros.-Diesel Engine Co. (See Schaeren, Ernst, assignor.)
 Bushnell, James E., North Plainfield, assignor to Ransome Concrete Machinery Company, Plainfield, N. J. Apparatus for elevating and distributing material. 1,645,942; Oct. 18.
 Butchart, William A. (See De Mier, Fred, assignor.)
 Butler, George P., assignor, by mesne assignments, to Postindex Company, Inc., Boston, Mass. Index memorandum, and reference equipment. 1,646,008; Oct. 18.
 C. G. Spring & Bumper Company, The. (See Brook, Harold, assignor.)
 Calarco, Domenico, Burlington, Vt. Radiator-cap ornament or the like. Des. 73,641; Oct. 18.
 Calarco, Domenico, Burlington, Vt. Wall and mantel ornament or the like. Des. 73,642; Oct. 18.
 California Stucco Products Company. (See Kennedy, Earl J., assignor.)
 Callan, William H., Cleveland, Ohio, assignor to Chicago Pneumatic Tool Company, New York, N. Y. Apparatus for unloading compressors. 1,645,798; Oct. 18.
 Camel Company. (See Posson, Edward, assignor.)
 Cameron, Hugh M., New York, assignor of one-half to E. A. Judge, Brooklyn, N. Y. Scale. 1,646,009; Oct. 18.
 Campbell, Ross C., Springfield, Ill. Awning bracket. 1,645,737; Oct. 18.
 Campbell, Samuel J., St. Louis, Mo. Shoe support and stretcher. 1,646,137; Oct. 18.
 Campbell, Sterling H., assignor to Railway Devices Company, St. Louis, Mo. Angle-cock holder. 1,645,689; Oct. 18.
 Canott, Moody L., Wellman, and J. E. Hall, Eagle Grove, Iowa. Safety-vault lock. 1,646,188; Oct. 18.
 Cantwell, George L., Wichita, Kans. Syringe. 1,645,984; Oct. 18.
 Caprarola, Domenico, assignor of one-half to D. S. Gross, Baltimore, Md. Coat. 1,646,274; Oct. 18.
 Carbide and Carbon Chemicals Corporation. (See Curme, George O., Jr., assignor.)

Carpenter, Charles L., and W. E. Jaquith, Syracuse, N. Y. Sanitary toilet bowl. 1,645,799; Oct. 18.
 Carr Fastener Company. (See Carr, Fred S., assignor.)
 Carr, Fred S., Newton, assignor to Carr Fastener Company, Cambridge, Mass. Fastener. 1,646,345; Oct. 18.
 Carr, Fred S., Newton, assignor to Carr Fastener Company, Cambridge, Mass. Nut fastening. 1,646,360; Oct. 18.
 Carr, Fred S., Newton, assignor to Carr Fastener Company, Cambridge, Mass. Nut and screw fastening. 1,646,367; Oct. 18.
 Carr, Fred S., Newton, assignor to Carr Fastener Company, Cambridge, Mass. Lock-nut-fastening installation. 1,646,368; Oct. 18.
 Cave, Henry, Hartford, Conn., assignor, by mesne assignments, to General Railway Signal Company. Dishwashing machine. 1,646,052; Oct. 18.
 Central Door and Lumber Company. (See De Penning, John C., assignor.)
 Cesa, Joseph M., Antioch, Calif. Air-heating system for fireplaces. 1,645,586; Oct. 18.
 Chadoleff Chemical Company. (See Enell, Otto E., assignor.)
 Chalmer, Albert H., Fairfield, Ala. Coke-quenching car. 1,645,587; Oct. 18.
 Chapman, Frank C., Modesto, Calif. Brier. 1,645,738; Oct. 18.
 Cheatham, Chester W., assignor of one-half to J. N. Nissen, Seattle, Wash. Automatic regulating gate. 1,645,943; Oct. 18.
 Chenoweth, Jesse, East Salt Lake City, Utah. Cross-chain hook opener and closer. 1,646,346; Oct. 18.
 Chicago Pneumatic Tool Company. (See Callan, William H., assignor.)
 Chicago Rhopoc Products Company. (See Johnson, Norman E., assignor.)
 Child, E. E., Company. (See Bishop, Orlen E., assignor.)
 Christie, John, assignor to Eastman Kodak Company, Rochester, N. Y. Spool holder for cameras. 1,645,894; Oct. 18.
 Clark, John M., assignor to Universal Button Fastening & Button Company, Detroit, Mich. Button fastening. 1,646,053; Oct. 18.
 Clarke, Michael J., Baltimore, Md. Safety cock for gas appliances. 1,645,985; Oct. 18.
 Cleveland Folding Machine Company, The. (See Shipley, John H., assignor.)
 Cleveland Graphite Bronze Company, The. (See Dann, Ernest G., assignor.)
 Clover, George R., Detroit, Mich., assignor to Cooper Hewitt Electric Company, Hoboken, N. J. Method of and apparatus for applying and treating varnish. 1,646,010; Oct. 18.
 Cohen, Edouard, Brussels, Belgium. Making files. 1,645,805; Oct. 18.
 Cohen, Leon, St. Louis, Mo. Hat-size reducing pad. 1,645,588; Oct. 18.
 Colborne Manufacturing Company. (See Smith, Dennis W., assignor.)
 Cole, Clifford M., Los Angeles, and W. S. Adams, San Diego, Calif., assignors to The Grolan Manufacturing Company, Dayton, Ohio. Liquid-level gauge. 1,645,800; Oct. 18.
 Collette, Clarence C., Amsterdam, N. Y. Play ball. 1,646,347; Oct. 18.
 Collins, James G., assignor to Atlas Press Company, Kalamazoo, Mich. Mandrel press. 1,645,521; Oct. 18.
 Colman, George A., Seattle, Wash. Timber-perforating mechanism. 1,646,188; Oct. 18.
 Combustion Engineering Corporation. (See Krelsinger, Henry, assignor.)
 Commonwealth Steel Company. (See Pfleger, Harry M., assignor.)
 Conant, Frederick W., Conway, Mass. Reaming apparatus. 1,646,054; Oct. 18.
 Concentrate Products Company, The. (See Lapp, William H., assignor.)
 Conklin, David L., Omaha, Nebr. Lubricating gun. 1,646,081; Oct. 18.
 Connorsville Blower Company, The. (See Wilkin, John T., assignor.)
 Conrad, Paul M., Alcoa, Tenn., assignor to General Electric Company. Electroresponsive device. 1,646,233; Oct. 18.
 Constantine, Shickrill, New Bedford, Mass. Window-shade and curtain-rod holder. 1,646,011; Oct. 18.
 Cook, George W., Los Angeles, Calif. Adjusting device for brake-actuating mechanisms. 1,646,012; Oct. 18.
 Cooper Hewitt Electric Company. (See Clover, George R., assignor.)
 Corbin, B. A., and Son. (See Albee, William H., assignor.)
 Cornell, Fritz G., Jr., Caldwell, N. J., assignor to W. H. Sheffield, New York, N. Y. Plug valve. 1,646,013; Oct. 18.
 Crabtree, R. W., & Sons, Limited. (See Smith, Edgar W., assignor.)
 Crain, Lewis F. (See Allerhellgen, A. H., Erichsen, and Crain.)
 Crampton, Basil R. (See Winters, A. F., and Crampton.)
 Crane Co. (See Beckwith, Clinton H., assignor.)
 Crawford, Harry H., Chicago, Ill. Radiator hanger. 1,645,853; Oct. 18.
 Crawford, Jefferson A., Lake Charles, La. Coffee percolator. 1,645,886; Oct. 18.

Creed, Frederick G., Croydon, England. Electromagnetic apparatus. 1,646,234; Oct. 18.
 Creek Chub Bait Co., The. (See Davenport, Sam F., assignor.)
 Crescent Brass Mfg. Co. (See Abrams, Herman, assignor.)
 Cressler, Edward P., Newton, Kans. Artificial tooth. 1,646,232; Oct. 18.
 Crimmel, Alvie C., Hartford City, Ind. Jar. Des. 73,643; Oct. 18.
 Croan, Walter B., Chicago, Ill. Heat interchanger. 1,645,801; Oct. 18.
 Crocker, Alfred C., Chagrin Falls, Ohio. Chain and plug holder for bathtubs and basins. 1,645,986; Oct. 18.
 Crocker, Charles C., Newark, N. J., assignor of one-half to S. J. Wolff, New York, N. Y. Package opener. 1,646,348; Oct. 18.
 Crocker-Wheeler Electric Manufacturing Company. (See Spencer, Millard C., assignor.)
 Cronk, David J., Poughkeepsie, N. Y. Measuring device. 1,646,275; Oct. 18.
 Crook, Louis H., Washington, D. C., assignor of one-half to H. Jakobsson, Takoma Park, Md. Nongrounded transmission line. 1,645,643; Oct. 18.
 Crosby, John J., assignor of one-half to P. F. Leahy, Detroit, Mich. Binding post. 1,645,854; Oct. 18.
 Crowe, Douglas C., London, England. Electromagnetic relay. 1,645,897; Oct. 18.
 Crowell, Joyce H., Buffalo, assignor to National Aniline & Chemical Co., Inc., New York, N. Y. Making halogen derivatives of aromatic organic compounds. 1,646,235; Oct. 18.
 Cuban-American Sugar Co., The. (See Spencer, Gullford L., assignor.)
 Cureton, Samuel. (See Loftus, S. A., and Cureton, assignors.)
 Cureton, Thomas. (See Loftus, S. A., and Cureton.)
 Curme, George O., Jr., Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Thermal decomposition of hydrocarbons. 1,646,349; Oct. 18.
 Curren, Joseph A., Boston, Mass. Stiffening reinforcement for shirt neckbands. 1,645,946; Oct. 18.
 Curtis, Arthur R., Cleveland, Ohio. Automatic releasing switch. 1,646,189; Oct. 18.
 Cutler-Hammer Mfg. Co., The. (See Meuer, George J., assignor.)
 Cutler-Hammer Mfg. Co., The. (See Miller, William W., assignor.)
 Cutler-Hammer Mfg. Co., The. (See Seeger, Edwin W., assignor.)
 Cytkowski, Frank A., Detroit, Mich. Window-decorating device. 1,646,190; Oct. 18.
 Dachs, Artur. (See Siegfried, W., and Dachs.)
 D'Agunno, Angelo, Providence, R. I. Automobile safety device. 1,646,139; Oct. 18.
 Dalley, Frank L., assignor to Johnson & Johnson, New Brunswick, N. J. Toothbrush. 1,646,082; Oct. 18.
 Daley, Robert H., et al. (See Woodward, Jesse H., assignor.)
 Dann, Ernest G., Chicago, Ill., assignor to The Cleveland Graphite Bronze Company, Cleveland, Ohio. Segmental spring bumper. 1,645,589; Oct. 18.
 Dapron, Joseph M., St. Louis, Mo., assignor to National Pneumatic Company, New York, N. Y. Safety car-control mechanism. 1,645,690; Oct. 18.
 Davenport Manufacturing Company. (See Hansen, John, assignor.)
 Davenport, Sam F., Auburn, assignor to The Creek Chub Bait Co., Garrett, Ind. Artificial bait. 1,645,644; Oct. 18.
 Davis, Alex B. (See Pennington, M. E., and Davis.)
 Davis, Ernest W., Oak Park, assignor to The Bassick Manufacturing Company, Chicago, Ill. Lubricant compressor. 1,645,893; Oct. 18.
 Davis, John E., Cincinnati, Ohio. Flagpole. 1,645,645; Oct. 18.
 Davis, John E., Cincinnati, Ohio. Protective housing for attachment to flagpoles. 1,645,691; Oct. 18.
 Davis, John E., Cincinnati, Ohio. Flag protector. 1,646,015; Oct. 18.
 Davis, Lewis F., Santa Ana, Calif. Deep-well pump-plunger attachment. 1,645,802; Oct. 18.
 Davis, Lewis F., Los Angeles, Calif. Method of and apparatus for spirally winding wire in tubes. 1,645,803; Oct. 18.
 Davol Rubber Company. (See Rathe, P. A., Dowling, and Brides, assignors.)
 Day, Albert V. T., Paris, France. Telephonic and telegraphic repeater or relay. 1,645,987; Oct. 18.
 Debor, Hermann, Munich, Germany. Shell-shaped body suitable for the allowance of high pressure stresses. 1,645,944; Oct. 18.
 De Clairmont, Adolph, Los Angeles, Calif. Apparatus for generating radium water. 1,645,899; Oct. 18.
 De Clerque, Alvin W. (See Payne, H. D., De Clerque, and Sjoberg.)
 De Garkovenko, Wladimir, Vallauris, and M. Fighiera, Cannes, France. Cartridge-closing machine. 1,646,083; Oct. 18.
 Deguire, Adelard. (See Thibedeau, J. F., Deguire, Turner, and McDermid.)
 De Hertegedy, Andor, Washington, D. C. Ratchet wrench. 1,646,350; Oct. 18.
 De Laval Separator Company, The. (See Allen, Samuel E., assignor.)

Delphos Mop Company, The. (See Barber, William J., assignor.)
 De Mier, Fred, Picher, Okla., assignor to W. A. Butchart, Joplin, Mo. Flotation machine. 1,646,351; Oct. 18.
 Denham, Reginald I., Hampstead, London, England. Mounting vehicle wheels. 1,646,352; Oct. 18.
 De Penning, John C., assignor to Central Door and Lumber Company, Portland, Oreg. Making wooden doors. 1,645,892; Oct. 18.
 Derk, Joseph, Philadelphia, Pa., assignor to The Derk Manufacturing Company, Doylestown, Pa. Table cover. Des. 73,644; Oct. 18.
 Derk Manufacturing Company, The. (See Derk, Joseph, assignor.)
 Desnoyers, Joseph A. (See McCleave, Arthur S., assignor.)
 De Vore, Ernest E., Mount Wilson, Calif. Wind motor. 1,645,855; Oct. 18.
 De Witt, William J., assignor to The Shoe Form Co., Inc., Auburn, N. Y. Expandible shoe form. 1,646,016; Oct. 18.
 Dexter, Edward R., Goshen, N. Y. Tire flap. 1,646,191; Oct. 18.
 Dickerson, Arthur, Salt Lake City, Utah, assignor to Dickerson Carburetor Company, Carburetor. 1,645,945; Oct. 18.
 Dickerson Carburetor Company, The. (See Dickerson, Arthur, assignor.)
 Dickie, James, Berwick, assignor of two-thirds to W. I. Huntley and P. Borden, Nova Scotia, Canada. Wrench. 1,646,140; Oct. 18.
 Dickinson, Stella B., assignor to Ginzkey-Maffersdorf, Inc., Belleville, N. J. Rug. Des. 73,645; Oct. 18.
 Dickinson, Tom, assignor to Entwistle & Kenyon Limited, Accrington, England. Carpet sweeper. 1,645,739; Oct. 18.
 Diel Watch Case Co. (See Dinstman, Isidor, assignor.)
 Dill Manufacturing Company, The. (See Tobold, Ewald F., assignor.)
 Dinhofer, Julius, New York, N. Y. Cigar lighter. 1,646,276; Oct. 18.
 Dinstman, Isidor, assignor to Diel Watch Case Co., Inc., New York, N. Y. Watchcase. Des. 73,646; Oct. 18.
 Dinstman, Isidor, assignor to Diel Watch Case Co., Inc., New York, N. Y. Combined wrist-watch case, strap, and buckle. Des. 73,647; Oct. 18.
 Dittman, William F., Arlington, assignor, to Elevator Supplies Company, Inc., Hoboken, N. J. Indicator. 1,645,513; Oct. 18.
 Dobbins, Ray H. (See Perkins, L. B. C., and Dobbins.)
 Dobrowsky, Emmanuel, assignor to Motor Car Advertising Device Co., Inc., New York, N. Y. Taxi advertising device. 1,645,804; Oct. 18.
 Dolman, Henry J., assignor to Brecknell, Munro & Rogers Limited, Bristol, England. Coin-freed apparatus. 1,646,277; Oct. 18.
 Dominguez, José A., Mayaguez, P. R. Watch charm or similar article. Des. 73,648; Oct. 18.
 Dormandy, Garry J., assignor to Lion Collars & Shirts, Inc., Troy, N. Y. Collar and making same. 1,646,192; Oct. 18.
 Dostal, Gustave A., Dallas, S. Dak. Lacing cutter. 1,646,141; Oct. 18.
 Dougherty, James P., Jr., trustee. (See Weathers, Henry W., assignor.)
 Douglass, Frank J., Chicago, Ill. Steam-heating apparatus. 1,645,522; Oct. 18.
 Dowd, Andrew D., Hoboken, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Printing telegraphy. 1,645,805; Oct. 18.
 Dowling, Thomas B. (See Rathe, P. A., Dowling, and Brides.)
 Dowsett, Harry M., Colchester, England, assignor to Radio Corporation of America, New York, N. Y. Crystal detector of electric currents. 1,645,523; Oct. 18.
 Drake, Herbert W., East Orange, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Synchronizing clocks over simplex circuits having central-battery telephone signaling. 1,646,354; Oct. 18.
 Draper Corporation. (See Merrill, Charles E., assignor.)
 Draper Corporation. (See Rhoades, Alonzo E., assignor.)
 Drauden, Artur, Brooklyn, N. Y. Toy whirligig. 1,646,278; Oct. 18.
 Dressler, Conrad, assignor to American Dressler Tunnel Kilns, Inc., Cleveland, Ohio. Tunnel kiln. 1,646,279; Oct. 18.
 Dubiller Condenser Corporation. (See Dubiller, William, assignor.)
 Dubiller, William, New York, N. Y., assignor to Dubiller Condenser Corporation. Variable condenser. 1,646,286; Oct. 18.
 Dunbar, Thomas L., assignor to Stebbins Engineering and Manufacturing Company, Watertown, N. Y. Method and apparatus for treating fibrous materials. 1,646,084; Oct. 18.
 Duncan, Charles H., assignor of one-third to F. C. Richardson and one-third to W. F. Johnson, Erie, Pa. Valve. 1,645,900; Oct. 18.
 Duncan, J. W., et al. (See Thompson, William H., assignor.)
 Duncanson, Walter E., assignor to The J. G. Wilson Corporation, New York, N. Y. Blind or awning construction. 1,645,947; Oct. 18.

Dunn, Edward L. (See Lindquist, D. L., Dunn, and Larson.)
 Durable Knitting Mills. (See Sack, Leo S., assignor.)
 Durand & Huguenin S. A. (See Peterhauser, Fritz, assignor.)
 Eastman Kodak Company. (See Christie, John, assignor.)
 Eastman Kodak Company. (See Malm, Carl J., assignor.)
 Eastman Kodak Company. (See Marshall, Walter D., assignor.)
 Eastman Kodak Company. (See Ohlau, George H., assignor.)
 Eastman Kodak Company. (See Riddell, William A., assignor.)
 Eastman Kodak Company. (See Stuber, Adolph, assignor.)
 Eastman Kodak Company. (See Wittel, Otto, assignor.)
 Ebaugh, Albert E., Baltimore, Md. Extensible and contractible bumper for vehicles. 1,646,055; Oct. 18.
 Eckstein, Andreas, Waldsassen, Germany. Device for preventing boiling over of milk and for indicating the boiling of the milk. 1,646,017; Oct. 18.
 Economy Baler Company. (See Hill, Hermann, assignor.)
 Economy Fuse and Manufacturing Company. (See Gordon, David D., assignor.)
 Economy Fuse and Manufacturing Company. (See Gordon, D. D., and Lindsay, assignors.)
 Economy Products Corporation. (See Voight, George F., assignor.)
 Efcollie Corporation. (See Von Nessen, Walter, assignor.)
 Eichelberger, John C., Stockton, Calif. Header reel. 1,646,886; Oct. 18.
 Eiffe, James M., assignor to White Mop Wringer Company, Fultonville, N. Y. Pail. Des. 73,649; Oct. 18.
 Eijk Anna L., South Plainfield, N. J. Table dolly or the like. Des. 73,650; Oct. 18.
 Eijk Anna L., South Plainfield, N. J. Table cover or the like. Des. 73,651; Oct. 18.
 Eijk Anna L., South Plainfield, N. J. Piano cover or the like. Des. 73,652; Oct. 18.
 Electrical Improvements Limited. (See Gregory, R. W., and Grant, assignors.)
 Electrolux Serval Corporation. (See Lenning, Alvar, assignor.)
 Elevator Supplies Company. (See Dittman, William F., assignor.)
 Elevator Supplies Company. (See Haas, Richard E., assignor.)
 Elliott, Thomas, Birmingham, Ala. Rail brake for railway cars. 1,645,741; Oct. 18.
 Ellis, Carleton, Montclair, N. J. Cold-molding composition containing orthocresol-aldehyde resin binder and making same. 1,645,693; Oct. 18.
 Elvey, Frederick M., Wimbledon, Surrey, England. Music tuner. 1,646,353; Oct. 18.
 Emmons, Harold H. (See Little, Thomas J., Jr., assignor.)
 Empire Milking Machine Co. (See Hazard, George E., assignor.)
 Enell, Otto E., Alhambra, Calif., assignor to Chadeloid Chemical Company, New York, N. Y. Treating wax and the products resulting from same. 1,646,280; Oct. 18.
 Enell, Otto E., Alhambra, Calif., assignor to Chadeloid Chemical Company, New York, N. Y. Finish remover containing wax. 1,646,281; Oct. 18.
 Engelslepen, John W., Pittsburgh, Pa., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,646,237; Oct. 18.
 Ensdorf, Walter, New York, N. Y., and J. Sandberg, Elizabeth, N. J. Electrical soldering iron. 1,646,238; Oct. 18.
 Entwistle & Kenyon Limited. (See Dickinson, Tom, assignor.)
 Entwistle & Kenyon Limited. (See Kenyon, William H., assignor.)
 Erichsen, Chris. (See Allerheiligen, A. H., Erichsen, and Crain.)
 Erickson, Erick E., Scandia, Kans. Rail joint. 1,645,857; Oct. 18.
 Erie Glass Company, The. (See Bock, William E., assignor.)
 Ernst, Eugene C. F., Pittsburgh, Pa. Wall-paper machine. 1,646,282; Oct. 18.
 Ernst, Johannes, assignor to J. Ernst, Bad Salzungen, Germany. Exhaust silencer. 1,646,283; Oct. 18.
 Ernst, Josef. (See Ernst, Johannes, assignor.)
 Ernst, Victor C., Lakewood, Ohio. Photographic appliance. 1,645,590; Oct. 18.
 Esagro, Samuel, Clarksdale, Miss. Merchandise-delivery cabinet. 1,645,694; Oct. 18.
 Eskimo Pie Corporation. (See Urschel, William E., assignor.)
 Etablissements Samga et Bavoix Reunis. (See Voreaux, Paul, assignor.)
 Esterow, Harry, New York, N. Y. Cigar lighter. 1,646,085; Oct. 18.
 Evans, Robert M., Seattle, Wash. Treating threaded surfaces of nuts and bolts. 1,645,740; Oct. 18.
 Evensen, William, Chicago, Ill., assignor to Goss Printing Press Company, Cylinder bearing. 1,646,056; Oct. 18.
 Evensen, William, Chicago, Ill., assignor to Goss Printing Press Company. Printing-press inking mechanism. 1,646,057; Oct. 18.

Ewing, Walter L., Philadelphia, Pa. Combined advertising cigar cutter and lighter stand. 73,653; Oct. 18.
 Farkas, Louis, Bronx, N. Y. Hat and neck protector. 1,646,193; Oct. 18.
 Farnet, Violet C. (See Levering, James F., assignor.)
 Fassio, Julius, San Francisco, Calif. Dishwashing apparatus. 1,646,142; Oct. 18.
 Federal Addressing Machine Corporation. (See Smith, E. R., and Rice and Jackson, assignors.)
 Federal Electric Company. (See Ogle, Elmer L., assignor.)
 Fee, Thomas A., Jr., Vancouver, British Columbia, Canada, and H. Lamb, Chicago, Ill. Chilling and aerating fluids and devices for carrying out said process. 1,645,742; Oct. 18.
 Ferriter, John F., Boston, Mass., and E. E. Stradley, West Orange, N. J. Telegraph-printer system. 1,645,591; Oct. 18.
 Fessler, Douglas F., assignor to The Bassick Manufacturing Company, Chicago, Ill. Lubricant receptacle. 1,645,901; Oct. 18.
 Fighiera, Marcel. (See de Garkovenko, W., and Fighiera.)
 Filtrators Company. (See Sanftleben, Joseph F., assignor.)
 Fine, Bernard M. (See Ruckert, H. E., and Fine.)
 Finlay, Alexander, assignor to The Barrymore Seamless Wiltons, Inc., Philadelphia, Pa. Carpet. Des. 73,654; Oct. 18.
 Fischer, Albert C., Chicago, Ill. Reinforcing and the like band for expansion joint strips. 1,645,743; Oct. 18.
 Fischer, Ernest, Budapest, Hungary. Orthopedic appliance. 1,646,194; Oct. 18.
 Fiske, Eugene B., Saugus, Mass. Ice-house plow. 1,645,524; Oct. 18.
 Fitch, Benjamin F., Greenwich, Conn. Turntable crane. 1,645,744; Oct. 18.
 Fitz Gerald, Francis A. J., Niagara Falls, N. Y., assignor to Harper Electric Furnace Corporation. Electric furnace. 1,646,058; Oct. 18.
 Flagstad, Cornell, assignor of 95 per cent to Folding Crate and Box Company, Minneapolis, Minn. Collapsible crate. 1,646,284; Oct. 18.
 Fleming, George W. (See Blanch, S. M., and Fleming.)
 Fleming Machine Company. (See Blanch, S. M., and Fleming, assignors.)
 Fleming, Robert G., Bloomfield, N. J., assignor to Smokador Manufacturing Co., Inc., New York, N. Y. Smoker's stand. 1,645,525; Oct. 18.
 Fleming, Robert G., Bloomfield, N. J., assignor to Smokador Manufacturing Co., Inc., New York, N. Y. Ash stand. 1,646,086; Oct. 18.
 Foamite-Chilids Corporation. (See White, Clifford B., assignor.)
 Folberth, Frederick G. and W. M., Cleveland, Ohio, assignors to Trico Products Corporation, Buffalo, N. Y. Wipehead, cleaner. 1,645,592; Oct. 18.
 Folberth, William M. (See Folberth, Frederick G. and W. M.)
 Folding Crate and Box Company. (See Flagstad, Cornell, assignor.)
 Forbes Lithograph Manufacturing Company. (See Meyers, Walter F., assignor.)
 Force, John L., University City, Mo. Lubricating mechanism. 1,646,018; Oct. 18.
 Forkin, John, Manchester, England. Machine for cleaning, opening, and combing cotton, cotton waste, and like materials. 1,645,745; Oct. 18.
 Forrest, Thomas W. W., assignor to Sun-Maid Raisin Growers of California, Fresno, Calif. Drying berries especially Thompson seedless raisins. 1,645,695; Oct. 18.
 Forrester, David L., Globe, Ariz. Flotation method and apparatus. 1,646,019; Oct. 18.
 Forster, Merle, Oakland, Calif. Piston ring. 1,646,143; Oct. 18.
 Forsyth, Robert, Chicago, Ill., assignor, by means assignments, to H. J. Rodgers, receiver. Treating fibrous vegetable material. 1,646,087; Oct. 18.
 Foster, Theodore W., & Brother Company. (See Noble, Arthur H., assignor.)
 Föttinger, Hermann, Berlin-Wilmersdorf, Germany. Differential gear for motor vehicles. 1,646,020; Oct. 18.
 Francis, Roy E. (See McCulloch, J. W., and Francis.)
 Franklin Railway Supply Company. (See Peters, Frank R., assignor.)
 Frediani, Anselmo. (See Martin, Charles H., assignor.)
 French Battery Company. (See Affholder, Clements S., assignor.)
 Frey, Ralph E., Ambler, Pa., assignor to Ambler Asbestos Shingle, Slate and Sheathing Company. Fastener. 1,646,285; Oct. 18.
 Frick, Henry H., Fricks, Pa. Power-transmitting means. 1,645,746; Oct. 18.
 Fried, Krupp Germaniawerft Aktiengesellschaft. (See Becker, Heinrich, assignor.)
 Fried, Krupp Germaniawerft Aktiengesellschaft. (See Herkt, Ernst, assignor.)
 Fries, William P., Cynwyd, Pa. Dustpan. 1,645,806; Oct. 18.
 Fritz, George, Waterbury, Conn. Reamer. 1,645,696; Oct. 18.
 Frost, John G. G., assignor to The National Smelting Company, Cleveland, Ohio. Recovering aluminum from oily metallic mixtures and the like. 1,646,239; Oct. 18.

Fry, John J., Logan City, Utah. Swivel. 1,645,747; Oct. 18.
 Fuller, Perley H., Auburn, Me., assignor, by mesne assignments, to The Bessick Manufacturing Company, Chicago, Ill. Lubricant-exPELLING cup. 1,645,902; Oct. 18.
 Gadsby, Frederick C., Sydney, New South Wales, Australia. Adjustable hinge for suitcases or the like. 1,646,286; Oct. 18.
 Galloway, Robert M., W. F. Bockhoff, and J. M. Meloy, assignors to The National Automatic Tool Co., Richmond, Ind. Drill holder. 1,645,948; Oct. 18.
 Gammeter, John R., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Rubber-coated article and making the same. 1,645,748; Oct. 18.
 Garber, Charles N., Covington, Va. Anchor-bolt sleeve. 1,645,903; Oct. 18.
 Gas Appliance Manufacturing Co., The. (See Waddell, Homer J., assignor.)
 Gavin, Percy, National Sanatorium, Tenn. Electron-discharge device. 1,645,904; Oct. 18.
 Geler, P. A., Company, The. (See Schiltz, Bernard P., assignor.)
 Geler, P. A., Company, The. (See Willis, Olo C., assignor.)
 Geiger, Erwin A., Ridgewood, N. J., assignor to Rapid Addressing Machine Company. Colored stencil card. 1,645,593; Oct. 18.
 General Electric Company. (See Conrad, Paul M., assignor.)
 General Electric Company. (See Goodwin, Victor E., assignor.)
 General Electric Company. (See Guay, E. J., and Mansur, assignors.)
 General Electric Company. (See Hoxie, Charles A., assignor.)
 General Electric Company. (See McSheen, Edward W., assignor.)
 General Electric Company. (See Norris, Marvin L., assignor.)
 General Electric Company. (See Otis, Albert N., assignor.)
 General Electric Company. (See Place, Claude W., assignor.)
 General Electric Company. (See Raus, A., and Isaac, assignors.)
 General Electric Company. (See Schilling, Walter W., assignor.)
 General Electric Company. (See Seede, John A., assignor.)
 General Electric Company. (See Steinmetz, Charles P., assignor.)
 General Railway Signal Company. (See Cave, Henry, assignor.)
 General Shoe Machinery Company. (See Ballard, Harrie A., assignor.)
 Gerber, Lydia M. (See Ulrich, Toney D., assignor.)
 German, Howard M., Crafton, Pa. Hardness-testing machine and method of testing hardness. 1,646,195; Oct. 18.
 Gerns, William H. (See Brigham, C. A., and Gerns.)
 Gerth, Felix, Berlin-Tempelhof, assignor to C. Lorens Aktiengesellschaft, Berlin-Tempelhof, Germany. High-frequency electric furnace. 1,645,526; Oct. 18.
 Gesellschaft für Drahtlose Telegraphie m. b. H. (See Lock, Michael, assignor.)
 Gesellschaft für Drahtlose Telegraphie m. b. H., Halle-Schles. (See Osnos, Mendel, assignor.)
 Gesellschaft für Drahtlose Telegraphie m. b. H. (See Von Arco, George, assignor.)
 Gesellschaft für Drahtlose Telegraphie m. b. H. (See von Bronk, Otto, assignor.)
 Gilbertson, Ell. Fairchild, Wis. Dishwashing machine. 1,645,749; Oct. 18.
 Gluskey-Maffersdorf, Inc. (See Dickinson, Stella B., assignor.)
 Girardeau, Emile. (See Bethenod, J., and Girardeau.)
 Glenwood Range Company. (See Wilde, Samuel A., assignor.)
 Goldberg, Abraham, Bronx, assignor to Texto* Metal Art Products Co., Inc., New York, N. Y. Lamp stem. Des. 73,635; Oct. 18.
 Goldberger, Richard, New York, N. Y. Stormproof umbrella. 1,646,144; Oct. 18.
 Gommel, Dewey E., assignor to E. C. Atkins & Company, Indianapolis, Ind. Hack saw. 1,646,369; Oct. 18.
 González, Juanita, New York, N. Y. Cocktail shaker. Des. 73,656; Oct. 18.
 Goodrich, B. F., Company, The. (See Gammeter, John R., assignor.)
 Goodwin, Victor E., Pittsfield, Mass., assignor to General Electric Company. Condenser switching apparatus. 1,646,240; Oct. 18.
 Gorge, Charles, and H. Lindsey, Corinth, Miss. Safety device for railroad switches. 1,646,287; Oct. 18.
 Gordon, David D., assignor to Economy Fuse and Manufacturing Company, Chicago, Ill. Electric switch. 1,645,528; Oct. 18.
 Gordon, David D., and W. Lindsay, Chicago, Ill., assignors to Economy Fuse and Manufacturing Company, Chicago, Ill. Adjustable light-holding means. 1,645,527; Oct. 18.
 Goss Printing Press Company. (See Evensen, William, assignor.)
 Gould Coupler Company, The. (See Sauvage, William H., assignor.)

Graffmberger, Gust, Portland, Oreg. Trimmer-saw mechanism. 1,645,750; Oct. 18.
 Graffmberger, Gust, Portland, Oreg. Valve. 1,645,751; Oct. 18.
 Graham, Matthew P., Detroit, Mich., assignor to Thompson Products Inc., Cleveland, Ohio. Tie-rod construction. 1,646,288; Oct. 18.
 Grant, George W., Everett, assignor to Lovell & Covel Co., Boston, Mass. Box. 1,645,807; Oct. 18.
 Grant, Lewis C. (See Gregory, R. W., and Grant.)
 Grasselli Dyestuff Corporation. (See Herz, R., and Schulte, assignors.)
 Gray, Charles B., Philadelphia, Pa. Machine for cutting sheet-form material. 1,646,145; Oct. 18.
 Gray, William B., Chicago, Ill. Windshield wiper. 1,645,646; Oct. 18.
 Greason, William, Detroit, Mich. Oil cup. 1,646,196; Oct. 18.
 Green, Thomas W., Westmont, N. J., assignor to Thomas Wilbraham Green Engineering Co., Philadelphia, Pa. Electric suction sweeper. 1,646,088; Oct. 18.
 Green, Thomas Wilbraham, Engineering Co. (See Green, Thomas W., assignor.)
 Greenhalgh, George H. (See Sweetland, E. J., and Greenhalgh.)
 Greenleaf, Robert P., Shaker Heights, assignor to F. Billings, Cleveland, Ohio. Loading system. 1,646,197; Oct. 18.
 Gregel, Fred F., Fort Lupton, Colo. Shingling gauge. 1,645,808; Oct. 18.
 Gregory Auto Awning Corporation. (See Gregory, Oscar T., assignor.)
 Gregory, Oscar T., Chicago, Ill., assignor to Gregory Auto Awning Corporation, Oil City, Pa. Awning. 1,645,697; Oct. 18.
 Gregory, Richard W., Hexham-on-Tyne, and L. C. Grant, Heaton, England, assignors to Electrical Improvements Limited, Newcastle-upon-Tyne, England. Electric switch or circuit breaker. 1,645,905; Oct. 18.
 Greseth, Melvin I. (See Overboe, E. C., and Greseth.)
 Griffith, Isaac E., Lowell, Ind. Portable swing. 1,646,089; Oct. 18.
 Gritman, Add D. and C., Spokane, Wash. Storage battery. 1,645,698; Oct. 18.
 Gritman, Carl. (See Gritman, Add D. and C.)
 Grolan Manufacturing Company, The. (See Cole, C. M., and Adams, assignors.)
 Grondahl, Lars O., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway-traffic-controlling apparatus. 1,645,529; Oct. 18.
 Gross, David S. (See Caprarola, Domenick, assignor.)
 Grosser, Hans, Buenos-Aires, Argentina, assignor to the Firm United States Import House Emanuel Van Dam, Amsterdam, Netherlands. Printing apparatus for painting india-rubber balloons in an inflated condition. 1,646,021; Oct. 18.
 Gruendler, Gustav J., Clayton, Mo. Refrigerator. 1,646,241; Oct. 18.
 Guay, Emile J., Swampscott, and C. W. Mansur, Malden, Mass., assignors to General Electric Company. Nonmetallic gear. 1,646,242; Oct. 18.
 Gubitov, Sabino, Brooklyn, N. Y. Shoe-heel-attaching apparatus. 1,645,809; Oct. 18.
 Gullborg, John S., Chicago, Ill. Indicator. 1,645,699; Oct. 18.
 Gunnell, Harold H. (See Miller, Ralph, assignor.)
 Haas, Richard E., East Orange, N. J., assignor to Elevator Supply Company, Inc., Hoboken, N. J. Elevator indicator. 1,645,949; Oct. 18.
 Habermann, Henry, New York, N. Y., assignor, by mesne assignments, to The Atlas-Globe China Co., Niles, Ohio. Decalcomania strip for a dinner plate or similar article. Des. 73,657; Oct. 18.
 Hadley, Art, assignor to The Hadley Company, Providence, R. I. Securing rows of pearls or the like. 1,646,289; Oct. 18.
 Hadley Company, The. (See Hadley, Art, assignor.)
 Hagel, Robert W., New Orleans, La. Percolator. 1,646,022; Oct. 18.
 Hall, Joseph E. (See Canott, M. L., and Hall.)
 Ham, Robert L., Boston, Mass., assignor to Summit Thread Company, East Hampton, Conn. Thread cop. 1,646,198; Oct. 18.
 Hamilton, Charles S., Harrison, assignor to New York Mills Corporation, New York Mills, N. Y. Pile fabric. Des. 73,658; Oct. 18.
 Hammer, Willibald, assignor to Firm Zellweger A.-G., Uster, Switzerland. Warp-heddling machine. 1,645,988; Oct. 18.
 Hanbridge, Charles W. W. (See Rankin, Ernest L., assignor.)
 Handelan, Daniel, Minneapolis, Minn. Ventilating and humidifying device. 1,646,243; Oct. 18.
 Hansen, Charles C., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Mud guard for submarine drills. 1,645,989; Oct. 18.
 Hansen, Charles S., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Broaching attachment. 1,646,090; Oct. 18.
 Hansen, Charles C., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Steel retainer. 1,646,091; Oct. 18.

Hansen, John, Bettendorf, assignor to Davenport Manufacturing Company, Inc., Davenport, Iowa. Power balling press. 1,645,906; Oct. 18.
 Hansen, Theodore N., Seattle, Wash. Reproducing device. 1,645,752; Oct. 18.
 Hanson, Edward, Cleveland, Ohio. Tool. 1,645,753; Oct. 18.
 Harper Electric Furnace Corporation. (See Fitz Gerald, Francis A. J., assignor.)
 Harris, Frank W. (See Percy, William W., assignor.)
 Hassler, Elmer E., Chapman, Kans. Home gasoline station. 1,645,594; Oct. 18.
 Hassler, Paul M., assignor to The Loudon Machinery Company, Fairfield, Iowa. Connection for track hangers. 1,646,244; Oct. 18.
 Hawes, Alfred B., London, R. W. Horton, Edgeware, and F. C. C. Mayo, High Barnet, England. Expanding suitcase. 1,646,092; Oct. 18.
 Hawkins, James B., Slater, Mo. Drinking fountain for livestock. 1,646,245; Oct. 18.
 Hawes, Amos, Ogden, Utah. Agricultural implement. 1,646,023; Oct. 18.
 Hayes, Clifford B., Needham, Mass. Fabric. 1,645,858; Oct. 18.
 Hayden, Joseph L. R., executor. (See Steinmetz, Charles P.)
 Hayden, Robert P., assignor to Johnson & Johnson, New Brunswick, N. J. System of rolling surgical adhesive plaster. 1,646,093; Oct. 18.
 Hazard, George E., assignor to Empire Milking Machine Co., Inc., Rochester, N. Y. Animal-watering device. 1,646,246; Oct. 18.
 Healey, Charles W., Pittsburgh, Pa. Cuff link. 1,645,907; Oct. 18.
 Heather-Matthews Co., The. (See Matthews, Robert F., assignor.)
 Hebs, William J., and J. Hultgreen, Chicago, Ill. Musical instrument. 1,646,059; Oct. 18.
 Heinicke, Hermann, Seehof, near Teltow, assignor to P. Jung, Neukölln, Germany. Apparatus for ascertaining the compositions of gaseous mixtures. 1,646,247; Oct. 18.
 Hellthaler, Theodor, Granschütz, assignor to the Firm: Hugo Stinnes Riebeck Montan und Ölwerke Akt., Ges., Halle-on-the-Saale, Germany. Refining mineral oils. 1,645,580; Oct. 18.
 Henderson, Albert E., Toronto, Ontario, Canada. Aeroplane projectile. 1,646,146; Oct. 18.
 Hennessy, Peter, Menomonee Falls, Wis. Cultivator. 1,646,024; Oct. 18.
 Herman, John E. (See Bornhauser, O. E., and Herman.)
 Herrmann, Karl L., Detroit, Mich., assignor to The Studebaker Corporation, Hobbing machine. 1,645,596; Oct. 18.
 Herrmann, Karl L., Detroit, Mich., assignor to The Studebaker Corporation, South Bend, Ind. Hobbing machine. 1,645,597; Oct. 18.
 Herkt, Ernst, Kiel, assignor to Fried. Krupp Germaniawerft Aktiengesellschaft, Kiel Gaarden, Germany. Internal-combustion engine. 1,645,595; Oct. 18.
 Hertz, Morris. (See Schneider, E. A., and Hertz.)
 Herz, Richard, and F. Schulte, Frankfurt-on-the-Main, Germany, assignors to Grasselli Dyestuff Corporation, New York, N. Y. Manufacturing 1-aminonaphthalene-8-carboxylic acid. 1,646,290; Oct. 18.
 Hewitt, Thomas J. (See McLeod, G. D., Pokorski, and Hewitt.)
 Hickley, Harry W., London, England, assignor, by mesne assignments, to Baker Perkins Company, Inc., Saginaw, Mich. Vessel for mixing chocolate and similar substances. 1,645,990; Oct. 18.
 Higgins, John J., East Orange, N. J., assignor to Westinghouse Lamp Company. Sealing-in machine. 1,645,991; Oct. 18.
 Hill, Hermann, Fredonia, N. Y., assignor, by mesne assignments, to Economy Baler Company, Ann Arbor, Mich. Baling press. 1,646,355; Oct. 18.
 Hinchliff, Ralph, assignor to Burson Knitting Company, Rockford, Ill. Knitted stocking. 1,646,199; Oct. 18.
 Hinde, Charles, Los Angeles, Calif. Portable container. 1,645,992; Oct. 18.
 Hines, Francis J., Brooklyn, N. Y. Electrical receptacle. 1,645,950; Oct. 18.
 Hirsch, Anna E. (See Torme, William D., assignor.)
 Hodge, William B., Charlotte, N. C., assignor to Parks-Cramer Company, Fitchburg, Mass. Self-cleaning port. 1,645,700; Oct. 18.
 Hoeger, Joseph A., Jersey City, N. J. Wall cabinet. 1,646,200; Oct. 18.
 Hoffman, Carl C., Emporia, Kans. Dinner-pail container. 1,646,147; Oct. 18.
 Hoffman, Zigmund. (See Taylor, W. E., and Hoffman.)
 Holnowski, Jakob, Nekeosa, Wis. Sectional railway tie. 1,646,248; Oct. 18.
 Holling, Frederick C. (See Johnson, M., and Holling.)
 Holman, Leslie A., Waltham, Mass. Lift magazine for heel-building machines. 1,645,531; Oct. 18.
 Holmes, Ralph C., New York, N. Y., F. T. Manley, Houston, and O. Behlmer, Fort Arthur, Tex., assignors, by mesne assignments, to The Texas Company, New York, N. Y. Treating hydrocarbon oils. 1,646,380; Oct. 18.
 Homestead Valve Manufacturing Company. (See Trinks, Willibald, assignor.)

Hopkins, Arthur C., assignor to National Standard Company, Niles, Mich. Making spools. 1,645,701; Oct. 18.
 Horacek, Paul, Germantown, Pa. Bookmark. 1,646,291; Oct. 18.
 Horning, Frederick H., Toledo, Ohio. Phonograph. 1,646,148; Oct. 18.
 Horton, Robert W. (See Hawes, A. B., Horton, and Mayo.)
 Hosking, Richard T., Wilmette, assignor to Shakeproof Lock Washer Company, Incorporated, Division of Illinois Tool Works, Chicago, Ill. Lock washer for cap screws. 1,645,859; Oct. 18.
 Hough, Azel C., assignor to Hough Shade Corporation, Janesville, Wis. Woven slit shade. 1,645,951; Oct. 18.
 Hough, Clinton W., Roonville, N. Y., assignor to Wired Radio, Inc., New York, N. Y. Directing light rays upon light-sensitive elements. 1,646,292; Oct. 18.
 Hough Shade Corporation. (See Hough, Azel C., assignor.)
 Houghton, Leroy V., Haverhill, Mass. Vehicle tail lamp. 1,646,004; Oct. 18.
 Howell, Wallace H., Jr., Willsboro, N. Y. Method and apparatus for producing paper pulp. 1,645,754; Oct. 18.
 Hoxie, Charles A., Schenectady, N. Y., assignor to General Electric Company. Narrow light aperture. 1,646,249; Oct. 18.
 Hubbard, Francis A., West Englewood, N. Y., assignor to Western Electric Company, Incorporated, New York, N. Y. Direction finding and indicating system. 1,645,810; Oct. 18.
 Hubbell, Harvey, Bridgeport, Conn. Candle pull socket. 1,645,952; Oct. 18.
 Hudnall, John W., Shreveport, La. Portable fence panel. 1,646,293; Oct. 18.
 Hueller, Walter, Union, N. J. Needle mechanism. 1,645,532; Oct. 18.
 Hugo Stinnes Riebeck Montan und Ölwerke Akt. Ges. (See Hellthaler, Theodor, assignor.)
 Hultgreen, Jacob. (See Hebs, W. J., and Hultgreen.)
 Huntington, Willis G. (See Roberts, Frank B., assignor.)
 Huntley, Willis L., et al. (See Dickie, James, assignor.)
 Hutchins, Elliott H., Baltimore, Md. Invalid-bed elevator. 1,645,908; Oct. 18.
 Hutsell Motor Company. (See Hutsell, Thomas A., assignor.)
 Hutsell, Thomas A., assignor to Hutsell Motor Company, Spokane, Wash. Internal-combustion engine. 1,645,647; Oct. 18.
 I. G. Farbenindustrie Aktiengesellschaft. (See Kirchelsen, Theodor, assignor.)
 Ile, William, assignor to Reynolds Spring Company, Jackson, Mich. Electric-lamp socket. 1,645,860; Oct. 18.
 Illingworth Carbonization Company, The. (See Illingworth, Stewart R., assignor.)
 Illingworth, Stewart R., Radyr, Wales, assignor to The Illingworth Carbonization Company, Limited, Manchester, England. Apparatus for the manufacture of carbonized fuel. 1,645,861; Oct. 18.
 Illinois Watch Case Company. (See Wakefield, Frank E., assignor.)
 Ingersoll-Rand Company. (See Hansen, Charles C., assignor.)
 Inland Steel Company. (See Murton, Crawford B., assignor.)
 Innes, George, Davenport, Iowa. Grain shocker. 1,646,250; Oct. 18.
 Innes, George, Davenport, Iowa. Grain shocker. 1,646,251; Oct. 18.
 Inviulible Laundry Equipment Co. (See Bell, Daniel, assignor.)
 Irving Iron Works Company. (See Prince, Burton A., assignor.)
 Irwin, Howard W., et al. (See Rehn, Edward A., assignor.)
 Isaac, Elmer B. (See Raus, A., and Isaac.)
 Ischinger, Eric, East Rochester, N. Y. Wind-operated toy and mounting therefor. 1,645,702; Oct. 18.
 Iwwerks, Eert U., Kansas City, Mo. Sound-reproducing device. 1,646,201; Oct. 18.
 Jackson, Ernest G., Montreal, Quebec, Canada. Side bearing for railway cars. 1,645,909; Oct. 18.
 Jackson, John R. (See Smith, E. R., Rice, and Jackson.)
 Jakobson, Herman. (See Crook, Louis H., assignor.)
 Jaquith, Willard E. (See Carpenter, C. L., and Jaquith.)
 Jarvis, Charles H., assignor to United Steel & Wire Company, Battle Creek, Mich. Rack. 1,645,533; Oct. 18.
 Jeffery Manufacturing Company, The. (See Levin, Nils D., assignor.)
 Jenkins, Alexander F., Boone, Md. Acetylene generator. 1,646,252; Oct. 18.
 Jenkins, Carl H. (See Smith, Earl H., assignor.)
 Jennings, William F., London, England. Compression pump. 1,646,294; Oct. 18.
 Jeppsson, Ivar. (See Lundberg, G. E., and Jeppsson.)
 Johnson, Martin, and F. C. Holling, Antioch, Calif. Door-operating mechanism. 1,646,025; Oct. 18.
 Johnson & Johnson. (See Bailey, Frank L., assignor.)
 Johnson & Johnson. (See Hayden, Robert P., assignor.)
 Johnson, Earl R., Chicago, Ill. Frame and mounting. 1,645,862; Oct. 18.
 Johnson, James F., Cleveland Heights, Ohio. Starting mechanism. 1,646,202; Oct. 18.

Johnson, Norman E., assignor to Chicago Rhopac Products Company, Chicago, Ill. Packing and making the same. 1,646,356; Oct. 19.

Johnson, William F., et al. (See Duncan, Charles H., assignor.)

Johnston, Roland, Vancouver, British Columbia, Canada. Standing boom. 1,645,910; Oct. 18.

Johnston, William F., Los Angeles, Calif., assignor, by mesne assignments, to Remington Rand, Inc., Tonawanda, N. Y. Index. 1,645,598; Oct. 18.

Jones, Neil M., Los Angeles, Calif. Radioactive adhesive plastic composition. 1,645,599; Oct. 18.

Jones, Paul R., Porterville, Calif., assignor to Balfour, Guthrie & Co. Insecticide emulsion. 1,646,149; Oct. 18.

Joslin, William H., assignor to Shoe Lace Company, Ltd., Providence, R. I. Box. 1,646,203; Oct. 18.

Judze, Edward A. (See Cameron, Hugh M., assignor.)

Judkins, Orlo W., assignor to H. M. Reynolds Shingle Company, Grand Rapids, Mich. Forming designs. 1,645,534; Oct. 18.

Jung, Peter. (See Heinicke, Hermann, assignor.)

Junker, Thomas J., Williamsport, Pa. Game device. 1,646,005; Oct. 18.

Junkers, Hugo, Dessau, Germany. Propeller. 1,645,811; Oct. 18.

Kadow, August, assignor to The Libbey Glass Manufacturing Company, Toledo, Ohio. Gathering means for glass-working apparatus. 1,645,755; Oct. 18.

Kales Stamping Company. (See Whitehead, James F., assignor.)

Karasevich, John, Mount Carmel, Pa. Trouble lamp for motor vehicles. 1,645,953; Oct. 18.

Kawneer Company, The. (See Plym, Francis J., assignor.)

Keall, Frank B., Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Perforating. 1,645,645; Oct. 18.

Keeler Brass Co. (See Burton, Edward, assignor.)

Keizer, Aaron, assignor to T. Keizer, New York, N. Y. Fraudproof bottle. 1,645,954; Oct. 18.

Keizer, Tillie. (See Keizer, Aaron, assignor.)

Kelchner, Sara A., New York, N. Y. Doll. Des. 73,659; Oct. 18.

Kellackey, Timothy, Cleveland, Ohio. Pipe-threading die-stock. 1,645,535; Oct. 18.

Kelley, William V. (See Stevens, Burt D., assignor.)

Kelly, Richard L. (See Vandenberghe, Charles, assignor.)

Kelly, William M., Westfield, N. J. Extension sheet delivery. 1,645,993; Oct. 18.

Kelso, William, assignor to The McConway & Torley Company, Pittsburgh, Pa. Uncoupling device. 1,645,756; Oct. 18.

Kelso, William, assignor to The McConway & Torley Company, Pittsburgh, Pa. Uncoupling device. 1,645,757; Oct. 18.

Kemnal, James, London, England, assignor, by mesne assignments, to The Babcock & Wilcox Company, Bayonne, N. J. Steam-boiler installation. 1,645,955; Oct. 18.

Kemp, Archie R., Jamaica, assignor to Western Electric Company, Incorporated, New York, N. Y. Submarine-cable insulation. 1,645,758; Oct. 18.

Kener, Edward, Jr., assignor to Buffalo Co-operative Stove Co., Buffalo, N. Y. Incinerator. 1,645,863; Oct. 18.

Kennedy, Earl J., assignor of one-half to California Stucco Products Company, Los Angeles, Calif. Stucco jointer. 1,646,150; Oct. 18.

Kennedy, Homer, assignor, by mesne assignments, to Lincoln Scale Corporation, Pittsburgh, Pa. Scale. 1,646,151; Oct. 18.

Kennedy, Walter, Cliff Side, N. J., assignor to Radiant Heat Corporation of America, New York, N. Y. Heater. 1,646,026; Oct. 18.

Kent-Owens Machine Company, The. (See Shepherd, Harold E., assignor.)

Kenyon, William H., assignor to Entwistle & Kenyon Limited, Accrington, England. Carpet sweeper. 1,645,759; Oct. 18.

Keyl, Hans, Berlin, Germany. High-frequency signaling system. 1,645,956; Oct. 18.

Kimmel, Abraham, Newark, N. J. Bow tie. 1,646,295; Oct. 18.

King, Clifford G., Providence, R. I. Pin. 1,645,649; Oct. 18.

King, Francis E., Huntington, W. Va. Rail joint. 1,645,864; Oct. 18.

King, John R. (See Miles, William B., assignor.)

King, William S., Hartford, Conn. Gravity propeller release. 1,646,204; Oct. 18.

Kirchelsen, Theodor, Dessau in Anhalt, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfurt, Germany. Fast dyeing on the fiber. 1,646,296; Oct. 18.

Kirkman, Thomas W., New York, N. Y. Electric plug. 1,645,650; Oct. 18.

Kleber, Jackson O., Pittsburgh, Pa. Radio-circuit-testing instrument. 1,646,152; Oct. 18.

Knipschild, Frederick F., Oakland, Calif. Drier or dehydrating plant. 1,645,760; Oct. 18.

Knudsen, Frank G. (See Bechman, W. O., and Knudsen.)

Kohler, John F., Larchmont Manor, N. Y. Coconut-shelling machine. 1,645,600; Oct. 18.

Kondakjian, Daniel, Newark, N. J. Bending press. 1,645,865; Oct. 18.

Kramer, Erwin, Berlin, Germany. Device for recording and reproducing sounds. 1,645,911; Oct. 18.

Kreh, Max, New Orleans, La., assignor to Wick Narrow Fabric Company, Philadelphia, Pa. Hatband. 1,646,153; Oct. 18.

Kreisinger, Henry, Piermont, assignor to Combustion Engineering Corporation, New York, N. Y. Finely-divided-fuel-burning furnace. 1,645,651; Oct. 18.

Kroll, Philip J., Joplin, Mo. Closure member. 1,646,154; Oct. 18.

Krueger, Hermann O., Niles Township, Floyd County, Iowa. Automatic tractor hitch. 1,646,253; Oct. 18.

Kuhn, Frank. (See Thomas, L. H., and Kuhn.)

Kulage, Dominick, St. Louis, Mo. Weather-strip unit. 1,646,155; Oct. 18.

Kuntz, Frank A. (See Shann, O. A., and Kuntz.)

La Rodny, William, assignor to Standard Mirror Company, Inc., Buffalo, N. Y. Glass plate for a mirror or the like. Des. 73,660; Oct. 18.

Lamb, Harry. (See Fee, T. A., Jr. and Lamb.)

Lamson, Dode M. (See Maus, H. P., and Lamson.)

Lane, Leavitt J., Hamden, assignor to Winchester Repeating Arms Co., New Haven, Conn. Manufacture of split-bamboo fishing rods. 1,645,812; Oct. 18.

Lange, Edward H., Baltimore, Md. Stabilizing amplifiers. 1,646,027; Oct. 18.

Lange, Henry, Quincy, Ill. Coal range. Des. 73,661; Oct. 18.

Lanza, Luigi, Placati, Italy. Construction of buildings. 1,646,113; Oct. 18.

Lapp, William H., Chicago, Ill., assignor to The Concentrate Products Company. Supplementary poultry-food material. 1,645,703; Oct. 18.

Larson, David C. (See Lindquist, D. L., Dunn, and Larson.)

Lauter, Philip, New York, N. Y., assignor to Polymet Manufacturing Corporation. Extension connector. 1,645,957; Oct. 18.

Lawler, John, San Francisco, Calif. Shipping of food, especially eggs. 1,645,813; Oct. 18.

Leather, William F., Chicago, Ill. Transformer for open and closed signal systems. 1,645,958; Oct. 18.

Leahy, Patrick F. (See Crosby, John J., assignor.)

Lederer, Morris W., Detroit, Mich. Toothbrush. Des. 73,662; Oct. 18.

Le Duc, John J., Burbank, Calif. Expandable-fluid motor. 1,645,761; Oct. 18.

Ledwinka, Joseph, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Apparatus for electrical vulcanizing. 1,645,704; Oct. 18.

Ledwinka, Joseph, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Electric spot-welding apparatus. 1,645,705; Oct. 18.

Lee, Henry B., New London, Conn. Velocity-reducing valve. 1,645,601; Oct. 18.

Leeds, Marie P., New York, N. Y. Kitchen cabinet. 1,645,652; Oct. 18.

Lehman, Hyman. (See Miller, Nathan, assignor.)

Lehmkuhler, John W., Arnold, Nebr. Road grading and scraping machine. 1,646,156; Oct. 18.

Leldy, Anthony F., et al. (See Rein, Edward A., assignor.)

Lelper, John, New York Mills, N. Y., assignor to New York Mills Corporation, New York Mills, N. Y. Pile fabric. Des. 73,663; Oct. 18.

Lenning, Alvar, Brooklyn, assignor to Electrolux Servel Corporation, New York, N. Y. Thermosiphon circulation for absorption refrigeration systems. 1,645,706; Oct. 18.

Leo, Herbert T., Topeka, Kans. Dry powdered jelly base containing pectin and sugar and making same. 1,646,157; Oct. 18.

Levering, James F., Atlantic City, N. Y., assignor of one-half to V. C. Farnet, Valley Falls, Kans. Compound vacuum cotton gin. 1,646,060; Oct. 18.

Levin, Nils D., assignor to The Jeffery Manufacturing Company, Columbus, Ohio. Method and machine for loading coal. 1,645,653; Oct. 18.

Livingston, Aaron. (See Stricker, William, assignor.)

Levy, Henry, Brooklyn, N. Y. Small-batch-mixing apparatus. 1,645,912; Oct. 18.

Lewis, Jacob D., Yonkers, and A. Pinto, New York, N. Y., assignors to Otis Elevator Company, Jersey City, N. J. Electric safety apparatus. 1,646,028; Oct. 18.

Lewis, Phillip P., Tujunga, Calif. Tool for flaring holes. 1,645,602; Oct. 18.

Libbey Glass Manufacturing Company, The. (See Kadow, August, assignor.)

Lichty, Norman A. (See Ostrander, Charles L., assignor.)

Lifshitz, Alex M., Brooklyn, N. Y. Electrical attachment for musical instruments. 1,646,061; Oct. 18.

Lincoln Scale Corporation. (See Kennedy, Homer, assignor.)

Linde Air Products Company, The. (See Bucknam, Worthly C., assignor.)

Lindquist, David L., Hartsdale, N. Y., E. L. Dunn, East Orange, N. J., and D. C. Larson, Yonkers, N. Y., assignors to Otis Elevator Company, Jersey City, N. J. Electromagnetic switch. 1,646,029; Oct. 18.

Lindsay, Frederick K., assignor to Arizona Minerals Corporation, St. Paul, Minn. Preparing a base exchange material from gels. 1,646,297; Oct. 18.

Lindsay, William. (See Gordon, D. D., and Lindsay.)

Lindsey, Henry. (See Googe, C., and Lindsey.)

Linendoll, Asa E., Norwalk, Ohio. Adjustable shell. 1,646,030; Oct. 18.

Lion Collars & Shirts, Inc. (See Dormandy, Garry J., assignor.)

Lipp, Julius J., Chicago, Ill. Football-lineman's apparatus. 1,645,707; Oct. 18.

Liptak, Michael, St. Paul, Minn. Baffle-wall form. 1,646,096; Oct. 18.

Liptak, Michael, St. Paul, Minn. Reinforced glass. 1,646,097; Oct. 18.

Little, Thomas J., Jr., assignor, by mesne assignments, to H. H. Emmons, Detroit, Mich. Oil-purifying device. 1,646,298; Oct. 18.

Little, Lillian A. (See Bowen, Philip A., assignor.)

Lloyd, Glover C., Vancouver, British Columbia, Canada. Agricultural implement. 1,645,994; Oct. 18.

Lock, Michael, Berlin, assignor to Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Arrangement for coupling high-frequency apparatus to power-transmission lines. 1,645,530; Oct. 18.

Lockenitz, Edward W., Bloomington, Ill. Self-cleaning spark plug. 1,645,708; Oct. 18.

Loftus, Sebastian A., and T. Cureton, Dayton, Ohio; said Loftus assignor to said T. and S. Cureton, Plymouth, Ohio. Sand and gravel washer. 1,645,603; Oct. 18.

Lohbiller, Harry J., St. Louis, Mo. Support for heat-conveying pipes. 1,645,762; Oct. 18.

Lorber, Charles, Louisville, Ky. Combination key case. 1,645,709; Oct. 18.

Lorentzen, Hans K., New York, N. Y. Dimmer. 1,645,654; Oct. 18.

Lorenz, C., Aktiengesellschaft. (See Gerth, Felix, assignor.)

Lorenz, C., Aktiengesellschaft. (See Vopel, Johannes, assignor.)

Lothrop, Marcus T., assignor to The Timken Roller Bearing Company, Canton, Ohio. Making cages for roller bearings. 1,645,866; Oct. 18.

Louden Machinery Company, The. (See Hassler, Paul M., assignor.)

Louthan, William B., East Liverpool, Ohio. Electric heating unit. 1,645,867; Oct. 18.

Lovell & Covel Co. (See Grant, George W., assignor.)

Lower, Melvin S., assignor to The Sun Rubber Company, Harborton, Ohio. Making compound sponge rubber and fabric articles. 1,645,604; Oct. 18.

Lum, Chaney. (See White, F. R., and Lum.)

Lunday, Russell E., Hurley, N. Mex. Collapsible shoe-horn. 1,645,605; Oct. 18.

Lundberg, Gunnar E., and I. Jeppsson, Chicago, Ill. Automatic timing valve. 1,645,763; Oct. 18.

Lupton, David, Sous Company. (See Brogden, Joah, assignor.)

Lyle, Samuel E., Montgomery, Ala. Cutter guard for mowing machines. 1,645,606; Oct. 18.

Lyons, Robert L., Waltham, Mass., assignor to Frederick Osann Company, New York, N. Y. Button clamp. 1,645,537; Oct. 18.

Macdonald, Angus S., Great Neck, N. Y., assignor to Sneed & Company, Floor grid. 1,645,538; Oct. 18.

Malmuin, David S., New York, N. Y., assignor to H. Malmuin Company, Incorporated. Cloth-cutting machine. 1,646,031; Oct. 18.

Malmuin, H., Company Incorporated. (See Malmuin, David S., assignor.)

Malm, Carl J., assignor to Eastman Kodak Company, Rochester, N. Y. Making cellulose esters of organic acids. 1,645,915; Oct. 18.

Mandry, Leo, San Antonio, Tex. Steam jet for washing machines. 1,646,299; Oct. 18.

Manifold Company, The. (See Mayer, George A., assignor.)

Manley, Frederick T. (See Holmes, R. C., Manley, and Behmer.)

Mansur, Clarence W. (See Guay, E. J., and Mansur.)

Markatos, Spiros C., New York, N. Y. Attachment for hot-water boilers. 1,646,098; Oct. 18.

Matquette, William V. B., New York, N. Y. Internal-combustion engine. 1,645,859; Oct. 18.

Marshall, David O., assignor to Mound City Wood Heel & Mfg. Co., St. Louis, Mo. Wood-heel-turning machine. 1,646,205; Oct. 18.

Marshall & Stearns Company. (See Smith, Arthur M., assignor.)

Marshall, Walter D., assignor to Eastman Kodak Company, Rochester, N. Y. Film-looping device for motion-picture processing machines. 1,645,916; Oct. 18.

Martin, Charles B., Canton, Ohio. Match box. 1,646,300; Oct. 18.

Martin, Charles H., assignor of one-half to A. Frediani, Los Angeles, Calif. Ruling machine. 1,646,206; Oct. 18.

Martin, Ella, Providence, Ky. Burial slipper. Des. 73,664; Oct. 18.

Mashlorens, Esteban, Olot, Spain, assignor to the Firm of Schubert & Salzer Maschinenfabrik Aktiengesellschaft, Chemnitz, Saxony. Production of rib-top fabrics and mechanism for use in producing the same. 1,646,301; Oct. 18.

Mason, Seward, Helena, Mont. Ore stamping machine. 1,646,032; Oct. 18.

Maszczyk, Alexander, Chicago, Ill. Lock. 1,645,917; Oct. 18.

Mathews, Robert F., Newark, N. J., assignor to The Heather-Mathews Co., New York, N. Y. Combination lamp and globe. Des. 73,665; Oct. 18.

Mathews, Robert F., Newark, N. J., assignor to The Heather-Mathews Co., New York, N. Y. Table lamp. Des. 73,666; Oct. 18.

Matte, Andrew L., Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. System of synchronizing signaling apparatus. 1,645,607; Oct. 18.

Mau, Edward A., New Haven, assignor to Rockbestos Products Corporation, New Haven, Conn. Insulated-conductor terminal. 1,645,539; Oct. 18.

Maus, Harry P., and D. M. Lamson, Lima, Ohio, assignors to The Page Organ Company. Sectional pipe chest. 1,645,608; Oct. 18.

Maxwell, Colin J. E., Montreal, assignor to Quilman, Robertson & Janin Limited, Montreal, Quebec, Canada. Clamping device for molds. 1,645,609; Oct. 18.

May, Gerald J., Detroit, Mich. Checkbook. 1,646,033; Oct. 18.

Mayer, George A., Lakewood, assignor to The Manifold Company, Cleveland, Ohio. Printing apparatus. 1,646,034; Oct. 18.

Mayer, Oscar G., Chicago, Ill. Machine for linking sausages. 1,645,610; Oct. 18.

Mayo, Frederick C. C. (See Hawes, A. B., Horton, and Mayo.)

McCandless, David C., Boise, Idaho. Dam and headgate. 1,645,913; Oct. 18.

McCarthy, Justin, New York, N. Y. Chest protector. 1,645,995; Oct. 18.

McCathran, William R., Washington, D. C. Intermittent inductive train-control system. 1,645,655; Oct. 18.

McConkey, Montgomery W., assignor to Bendix Brake Company, Chicago, Ill. Brake. 1,646,035; Oct. 18.

McConway & Torley Company, The. (See Kelso, William, assignor.)

McCleave, Arthur S., assignor of one-half to J. A. Desnoyers, Montreal, Quebec, Canada. Furnace-door structure. 1,645,764; Oct. 18.

McCree, Eben, Arlington, N. J. Receptacle. 1,645,765; Oct. 18.

McCulloch, James W., and R. E. Francis, Okmulgee, Okla. Device for preventing cavings. 1,645,766; Oct. 18.

McCullough, Paul J., assignor, by mesne assignments, to Scullin Steel Co., St. Louis, Mo. Journal-box structure. 1,646,036; Oct. 18.

McDermid, Archibald. (See Thibedeau, J. F., Deguire, Turner, and McDermid.)

McKale, George W., Elmore Township, Allen County, Kans. Bearing for connecting rods and for other parts of machinery. 1,646,302; Oct. 18.

McLain, Edgar W., Higginsville, Mo. Pan scraper. 1,646,303; Oct. 18.

McLaughlin, Allen W., River Falls, Wis. Motor brace. 1,646,062; Oct. 18.

McLaughlin, Everett E. (See Naujoks, W., and McLaughlin.)

McLeod, George D., Chicago, T. F. Pokorski, Calumet City, Ill., and T. J. Hewitt, Hammond, Ind. Steel water arch and siphon. 1,646,304; Oct. 18.

McLeod, John E., Washington, Kans. Locking device for motor vehicles. 1,645,914; Oct. 18.

McQuiston, Frank L., Redondo, Calif. Water wheel. 1,645,996; Oct. 18.

McShen, Edward W., Schenectady, N. Y., assignor to General Electric Company. Cable-retaining shroud. 1,646,207; Oct. 18.

McWhirter, Robert B., Marietta, Ohio. Exerciser swing. 1,646,158; Oct. 18.

Mendowcroft, Joseph W., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Electric welding machine. 1,645,710; Oct. 18.

Mendowcroft, Joseph W., assignor to Edward G. Budd Manufacturing Co., Philadelphia, Pa. Jig for electric welding sheet-metal panels. 1,645,711; Oct. 18.

Mederer, Max, Bloemfontein, South Africa. Sanatorium. 1,645,611; Oct. 18.

Meehan, Paul A., assignor to American Dressler Tunnel Kilns, Inc., Cleveland, Ohio. Tunnel kiln. 1,646,208; Oct. 18.

Meehan, Paul A., assignor to American Dressler Tunnel Kilns, Inc., Cleveland, Ohio. Tunnel kiln. 1,646,254; Oct. 18.

Meloy, John M. (See Galloway, R. M., Bockhoff, and Meloy.)

Mergenthaler Linotype Company. (See Muehleisen, Carl, assignor.)

Merrill, Charles F., assignor to Draper Corporation, Hopedale, Mass. Spinning ring and traveler. 1,646,063; Oct. 18.

Metal Protection Corporation. (See Pierce, Harrie C., assignor.)

Metherd, Gilbert E., Indianapolis, Ind. Direction indicator. 1,646,159; Oct. 18.

Meuer, George J., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis. Electric connectors. 1,646,037; Oct. 18.

Meyer-Gaus, Karl, Barmen, Germany, assignor to the Firm: American Bemberg Corporation, New York, N. Y. Spinning or doubling spindle. 1,645,960; Oct. 18.

Meyers, Mearl C., Los Angeles, Calif. Water filter. 1,645,712; Oct. 18.

Meyers, Walter F., Chicago, Ill., assignor to Forbes Lithograph Manufacturing Company, Boston, Mass. Display stand. 1,646,305; Oct. 18.

Miele, Adolph, Pittsburgh, Pa. Pick container. 1,645,918; Oct. 18.
 Millam, William A., Seymour, Tex. Swing. 1,646,160; Oct. 18.
 Miles, William B., assignor of one-half to J. R. Kline, Downers Grove, Ill. Child's vehicle. 1,646,161; Oct. 18.
 Millnare, James. (See Perry, H. A., and Millnare.)
 Miller, Henry H., River Edge, N. J. Shovel. 1,645,656; Oct. 18.
 Miller, Henry J. (See Buell, O. D., and Miller.)
 Miller, Joseph, Walnut Hill, Me. Air tunnel for aeroplane fuselages. 1,645,612; Oct. 18.
 Miller, Nathan, assignor of one-half to H. Lehman, Brooklyn, N. Y. Fur stretcher. 1,645,961; Oct. 18.
 Miller, Ralph, Los Angeles, Calif., assignor to H. H. Gurnell. Spray attachment for hose nozzles. 1,645,814; Oct. 18.
 Miller, Robert E., Ridgefield Park, N. J. Device for holding monogram plates. 1,645,919; Oct. 18.
 Miller, Thomas D., Clarksville, Md. Shingle. 1,645,767; Oct. 18.
 Miller, William W., New York, N. Y., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis. Strain relief for terminal connections of electrical devices. 1,646,038; Oct. 18.
 Mills, Roy, Clarksville, Tenn. Stave-jointing machine. 1,645,920; Oct. 18.
 Mills, William W., Compton, Calif. Drilling bit. 1,645,962; Oct. 18.
 Milton, Robert L., St. Paul, Minn. Automatic brake control. 1,646,306; Oct. 18.
 Miner, W. H., Inc. (See O'Connor, John F., assignor.)
 Minty, Robert F., Montreal, Quebec, Canada. Hair waver. 1,646,162; Oct. 18.
 Mitchell, Benjamin A., Tompkinsville, N. Y. Vibrating screen. 1,645,613; Oct. 18.
 Mitchell, Robert C., Mount Vernon, N. Y. Smoker's stand. 1,646,099; Oct. 18.
 Mobley, James C., Des Moines, Iowa. Feed-chute plate for hot-air furnaces. 1,646,209; Oct. 18.
 Moffat, Walter A., Meridian, Miss. Fireplace construction. 1,646,307; Oct. 18.
 Monahan, Ormond B., Des Moines, Iowa. Agitator. 1,645,614; Oct. 18.
 Montellhet, Antonin, assignor to Société Anonyme des Télégraphes Edouard Belin, Paris, France. Electric transmission arrangement. Re16,773; Oct. 18.
 Monty, Henry J. (See Bumstead, R. W., and Robertson, assignors.)
 Moore, Charles W. (See Ryder, P. H., and Moore.)
 Moore, Frank S., Queens Village, N. Y. Lock clip for nipples. 1,645,963; Oct. 18.
 Moore, Thomas W., Dallas, Tex. Motor-vehicle luggage carrier. 1,646,163; Oct. 18.
 Moore, William J. P., New York, N. Y. Interlock for pneumatic-tire casings, inner tubes, and wheel rims. 1,645,921; Oct. 18.
 Morris, William L., Oak Park, Ill. Hydraulic draft controller. 1,645,713; Oct. 18.
 Morton, Joseph, Jr., Hartington, Nebr. Mail-box support. 1,645,768; Oct. 18.
 Moscate, Guy, Salamanca, N. Y. Tire alarm. 1,646,164; Oct. 18.
 Motor Car Advertising Device Co. (See Dobrowsky, Emmanuel, assignor.)
 Mound City Wood Heel & Mfg. Co. (See Marshall, David O., assignor.)
 Muehleisen, Carl, Berlin, Germany, assignor to Mergenthaler Linotype Company, Brooklyn, N. Y. Transferring the matrices from the first elevator to the second elevator of a matrix-composing and line-casting machine. 1,645,615; Oct. 18.
 Muehleisen, Carl, Berlin, Germany, assignor to Mergenthaler Linotype Company, Brooklyn, N. Y. Transferring the matrices from the first elevator to the second elevator of a matrix-composing and line-casting machine. 1,645,616; Oct. 18.
 Muehleman, Henry J., Hamilton, Ontario, Canada. Clamp. 1,646,255; Oct. 18.
 Muller, L. J., Furnace Company. (See Wagner, Charles H., assignor.)
 Müller-Cunrad, Martin, Ludwigshafen-on-Rhine, and W. Wilke, Mannheim, assignors to Badische Anilin- & Soda-Fabrik, Ludwigshafen-on-Rhine, Germany. Manufacture of liquid fuel. 1,646,014; Oct. 18.
 Mummert, Harvey C., Hammondsport, N. Y., assignor to Aerial Service Corporation. Airplane fuselage. 1,645,964; Oct. 18.
 Murdoch, Charles A., New York, N. Y. Combined sink and dishwashing machine. 1,645,815; Oct. 18.
 Murdoch, Charles A., New York, N. Y. Household washing machine. 1,645,816; Oct. 18.
 Murdoch, Charles A., New York, N. Y. Washing machine. 1,645,869; Oct. 18.
 Murphy, P. H., Company. (See Bonsall, Charles D., assignor.)
 Murray, Sarah L., Los Angeles, Calif. Combination desk and table. 1,645,769; Oct. 18.
 Murton, Crawford B., Chicago Heights, assignor to Inland Steel Company, Chicago, Ill. Post driver. 1,646,039; Oct. 18.
 Myer, Albert P., assignor to Simplex Heat Regulator Company, Minneapolis, Minn. Electric thermostat casing. Des. 73,607; Oct. 18.

Myers, Hubert A., assignor to The Myers Regulator Company, Toledo, Ohio. Window regulator. 1,645,617; Oct. 18.
 Myers Regulator Company, The. (See Myers, Hubert A., assignor.)
 Myrurgia, S. A. (See Prat, Esteban M., assignor.)
 Namiot, Charles B., New York, N. Y. Combined lamp stand and ash tray. Des. 73,608; Oct. 18.
 National Aniline & Chemical Co. (See Crowell, Joyce H., assignor.)
 National Aniline & Chemical Co. (See Wait, Justin F., assignor.)
 National Automatic Tool Co., The. (See Galloway, R. M., Bockhoff, and Meloy, assignors.)
 National Blank Book Company. (See Schade, John, assignor.)
 National Brick Company. (See Weber, Clarence J., assignor.)
 National Fire Proofing Company. (See Bevier, Philip H., assignor.)
 National Pneumatic Company. (See Dapron, Joseph M., assignor.)
 National Smelting Company, The. (See Frost, John G., assignor.)
 National Standard Company. (See Hopkins, Arthur C., assignor.)
 Naujoks, William, and E. E. McLaughlin, Los Angeles, Calif. Support for musical instruments. 1,646,165; Oct. 18.
 Neebe, Lawrence L., Woodbury, N. J., assignor to The Baldwin Locomotive Works, Philadelphia, Pa. Locomotive-driving mechanism. 1,646,210; Oct. 18.
 Neilson, Albert H., Tulsa, Okla. Clevis. 1,645,714; Oct. 18.
 Nelson, Charles O. (See Witt, B. V., and Nelson.)
 Nelson, Ernest B., Burchinal, Iowa. Corner construction. 1,646,308; Oct. 18.
 Nemcovsky, Louis A., New York, N. Y., assignor to Voices, Incorporated. Sound producing and controlling device. 1,645,657; Oct. 18.
 Nerney, George E., Attleboro, Mass. Eyeglass construction. 1,645,658; Oct. 18.
 Neumarkel, Gertrude, Mount Vernon, N. Y. Toothbrush. 1,645,965; Oct. 18.
 Newton, John M., Sioux Falls, S. Dak. Tire-repair knife. 1,646,166; Oct. 18.
 New York Mills Corporation. (See Hamilton, Charles S., assignor.)
 New York Mills Corporation. (See Lelper, John, assignor.)
 Nichols, Andrew H., et al. (See Woodward, Jesse H., assignor.)
 Niers, Joseph, Milwaukee, Wis. Adjustable window ventilator. 1,646,040; Oct. 18.
 Niles, Schuyler, Washougal, Wash. Gold separator. 1,646,309; Oct. 18.
 Nissen, J. N. (See Cheatham, Chester W., assignor.)
 Noble, Arthur H., Pawtucket, R. I., assignor to Theodore W. Foster & Brother Company, Providence, R. I. Lipstick holder. 1,646,357; Oct. 18.
 Noble, Arthur H., Pawtucket, R. I., assignor to Theodore W. Foster & Brother Company, Providence, R. I. Lipstick holder. 1,646,358; Oct. 18.
 Norris, Marvin L., Fort Wayne, Ind., assignor to General Electric Company. Dynamo-electric machine. 1,646,211; Oct. 18.
 Northern Corrugating Company. (See Thorp, Fred W., assignor.)
 Northrop, Edward G. (See Pitney, A. H., Ogden, Northrop, and Wheeler.)
 Northrup, Annabelle S., Norfolk, Va. Flea and insect trap. 1,645,715; Oct. 18.
 Northrup, Joshua K., Ellicottville, N. Y. Shoe last. 1,645,716; Oct. 18.
 Nyquist, Harry, Milburn, N. J., assignor to American Telephone and Telegraph Company. Method and apparatus for measuring transmission delay. 1,645,618; Oct. 18.
 Nystrom, Karl F., Chicago, Ill. Draft-gear key-retaining means. 1,645,817; Oct. 18.
 Obermeyer, George J., Jr., West Bend, Wis. Mail-box post. 1,646,064; Oct. 18.
 O'Brien, John R., North Melbourne, and W. Revell, assignors to E. G. Barker and G. A. Rawson, trading in partnership as Barker & Rawson, Melbourne, Australia. Sound-reproducing machine. 1,645,922; Oct. 18.
 O'Connor, John F., Chicago, Ill., assignor, by mesne assignments, to W. H. Miner, Inc. Resilient shackle for mine cars. 1,645,540; Oct. 18.
 Ogden, Jacob W. (See Pitney, A. H., Ogden, Northrop, and Wheeler.)
 Ogil, Elmer L., assignor to Federal Electric Company, Chicago, Ill. Fuse. 1,645,541; Oct. 18.
 Ohlau, George H., assignor to Eastman Kodak Company, Rochester, N. Y. Aviation camera. 1,645,923; Oct. 18.
 Oldson, John A., assignor to Wyman-Gordon Company, Worcester, Mass. Balanced crankshaft. 1,645,717; Oct. 18.
 Oldson, John A., assignor to Wyman-Gordon Company, Worcester, Mass. Balanced crankshaft. 1,645,718; Oct. 18.
 Olson, Harry J., assignor to Olson Mill Company, Des Moines, Iowa. Forage mill. 1,645,770; Oct. 18.
 Olson Mill Company. (See Olson, Harry J., assignor.)

Olson, Samuel, & Company. (See Olson, Samuel, assignor.)
 Olson, Samuel, Oak Park, assignor to Samuel Olson & Company, Chicago, Ill. Selective electric control system. 1,645,819; Oct. 18.
 Ordway, Donald P., assignor to American Stamping Co., Battle Creek, Mich. Combination holder for razor-blade wipers and used razor blades. 1,646,100; Oct. 18.
 Ordway, Donald P., assignor to American Stamping Co., Battle Creek, Mich. Combination holder for razor-blade wipers and used razor blades. 1,646,101; Oct. 18.
 Osann, Frederick, Company. (See Lyons, Robert L., assignor.)
 Osgood, Walter P., Malden, assignor to Boston Machine Works Company, Lynn, Mass. Combined taping and seam-pressing machine. 1,646,212; Oct. 18.
 Osnos, Mendel, assignor to Gesellschaft für Drahtlose Telegraphie m. b. H., Hallesches, Berlin, Germany. Circuit arrangement for high-frequency sending stations. 1,645,542; Oct. 18.
 Osthoff, Max, Cöthbus, Germany. Movement of vehicles. 1,646,310; Oct. 18.
 Ostrander, Charles L., assignor of one-half to N. A. Lichty, Waterloo, Iowa. Gasoline clarifier. 1,646,102; Oct. 18.
 Otis, Albert N., Schenectady, N. Y., assignor to General Electric Company, Farnace. 1,646,213; Oct. 18.
 Otis Elevator Company. (See Lewis, J. D., and Pinto, assignors.)
 Otis Elevator Company. (See Lindquist, D. L., Dunn, and Larson, assignors.)
 Overton, Booker L., Shreveport, La., and F. L. Overton, Houston, Tex. Combined receptacle and illuminated sign. 1,645,870; Oct. 18.
 Overton, Fitzhugh L. (See Overton, Booker L., and F. L.)
 Overboe, Ellert C., Wanamingo, and M. I. Greath, Zumbrota, Minn. Strainer and cover for pails. 1,645,818; Oct. 18.
 Pagano, Gaetano, Brooklyn, N. Y. Safety apparatus. 1,645,819; Oct. 18.
 Page, Charles H., Hatchchubbee, Ala. Depth indicator. 1,646,311; Oct. 18.
 Page Organ Company, The. (See Maus, H. P., and Lamson, assignors.)
 Page, Reginald J., Ponsonby, Auckland, New Zealand. Vehicle resilient wheel. 1,645,620; Oct. 18.
 Palmer-Bee Company. (See Simpson, William E., assignor.)
 Palmigiano, Anthony, Jr., Brooklyn, N. Y. Tree-felling saw. 1,645,924; Oct. 18.
 Parks-Cramer Company. (See Hodge, William B., assignor.)
 Patrick, Byron O., Des Moines, Iowa. Compressed-air protective shield. 1,646,103; Oct. 18.
 Patten, William F., Washington, D. C. Syringe. 1,646,256; Oct. 18.
 Patterson, Martin L., Bogota, N. J., assignor to The Sperry Gyroscope Company, Brooklyn, N. Y. Arc lamp. 1,645,966; Oct. 18.
 Patterson, Thomas S., Malaga, N. J. Rotary pump. 1,645,967; Oct. 18.
 Patch, Albert C., Topeka, Kans. Clamp. 1,645,621; Oct. 18.
 Patch, Allen J., Ripon, Wis. Internal-combustion engine. 1,645,543; Oct. 18.
 Paulsen, Adolph, San Carlos, Calif. Casing for artesian wells. 1,645,719; Oct. 18.
 Payne, Halsey D., A. W. De Clerque, and S. T. Sjöberg, Chicago, Ill., assignors, by mesne assignments, to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Washing machine with folding wringer. Re16,776; Oct. 18.
 Pearce, Richard T., Covington, Ky. Splice for wick ends and the like. 1,646,104; Oct. 18.
 Pennington, Mary E., St. Davids, Pa., and A. B. Davis, Cincinnati, Ohio. Manufacture of strawboard. 1,645,997; Oct. 18.
 Percy, William W., Seattle, assignor of one-fourth to F. W. Harris, Renton, Wash. Making sponge iron from its oxide ores. 1,645,968; Oct. 18.
 Percy Manufacturing Company. (See Bacon, Daniel R., assignor.)
 Perfection Package Sealer Company. (See Utts, William A., sr.)
 Perkins, L. B., Choc, and R. H. Dobbins, Oklahoma City, Okla. Tile lock. 1,646,312; Oct. 18.
 Permolde Company, The. (See Vaughan, Conrad, assignor.)
 Perry, Emanuel J., Fairhaven, and F. S. Bolts, Mansfield, Mass. Laundry apparatus. 1,645,998; Oct. 18.
 Perry, Hugh A., and J. Millnare, Chicago, Ill. Dispensing device. 1,646,313; Oct. 18.
 Peterhauer, Fritz, Riehen, near Basel, assignor to the Firm Durand & Huguenin S. A., Basel, Switzerland. Production of fast dyelings. 1,645,925; Oct. 18.
 Peters, Frank R., New York, N. Y., assignor to Franklin Railway Supply Company. Locomotive-driving-box wedge-adjusting device. 1,645,659; Oct. 18.
 Peters, Heber C., New York, N. Y. Adding machine. 1,646,105; Oct. 18.
 Pew, Arthur E., Jr., Bryn Mawr, and H. Thomas, Ridley Park, assignors to Sun Oil Company, Philadelphia, Pa. Apparatus for completely separating gasoline from mineral oil. 1,646,969; Oct. 18.

Pfanzstiel, Carl, Highland Park, Ill., assignor to Pfanzstiel Radio Company. Method of and apparatus for controlling battery chargers. 1,645,720; Oct. 18.
 Pfanzstiel Radio Company. (See Pfanzstiel, Carl, assignor.)
 Pfeil, Paul F., South Bend, Ind. Light projector. 1,645,721; Oct. 18.
 Pfeuffer, Joseph, Dudelingen, near Luxemburg, Germany. Brushing apparatus for washing the human body. 1,645,926; Oct. 18.
 Pfleger, Harry M., assignor to Commonwealth Steel Company, St. Louis, Mo. Car truck. 1,646,214; Oct. 18.
 Pieper, Alphonse F., Rochester, N. Y. Instrument support. 1,645,660; Oct. 18.
 Pieretti, Peter J., Mount Morris, N. Y. Commode. 1,646,257; Oct. 18.
 Pierce, Harrie C., assignor to Metal Protection Corporation, Indianapolis, Ind. Chromium plating. 1,645,927; Oct. 18.
 Pillars, Edward R., Fostoria, Ohio. Automatic lubrication system. 1,645,661; Oct. 18.
 Pillsbury, Ralph B., Benton Station, Me. Combined container and dispenser. 1,645,771; Oct. 18.
 Pinto, Anthony. (See Lewis, J. D., and Pinto.)
 Pitney, Arthur H., J. W. Ogden, E. G. Northrop, and W. H. Wheeler, Jr., assignors, by mesne assignments, to Pitney-Bowes Postage Meter Company, Stamford, Conn. Moistener and sealer for postage-meter machines. 1,646,106; Oct. 18.
 Pitney, Arthur H., J. W. Ogden, E. G. Northrop, and W. H. Wheeler, Jr., assignors to Pitney-Bowes Postage Meter Company, Stamford, Conn. Separator for postage-meter machines. 1,646,107; Oct. 18.
 Pitney, Arthur H., J. W. Ogden, E. G. Northrop, and W. H. Wheeler, Jr., assignors to Pitney-Bowes Postage Meter Co., Stamford, Conn. Trip mechanism for postage-meter machines. 1,643,108; Oct. 18.
 Pitney-Bowes Postage Meter Company. (See Pitney, A. H., Ogden, Northrop, and Wheeler, assignors.)
 Pittelkow, August, Chicago, Ill., assignor to American Can Company, New York, N. Y. Cracker can. 1,645,772; Oct. 18.
 Place, Claude W., La Grange, Ill., assignor to General Electric Company. Automatic switching equipment. 1,646,215; Oct. 18.
 Plym, Francis J., assignor to The Kawneer Company, Niles, Mich. Threshold and constructing same. 1,646,167; Oct. 18.
 Pneumatic Appliances Corporation. (See Welland, Alfred, assignor.)
 Pohlmann, Bruno G., assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Telephone. 1,645,773; Oct. 18.
 Pohlmann, Max, Berlin-Kaulsdorf, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, Germany. Apparatus for X-ray examination and X-ray photographing. 1,646,065; Oct. 18.
 Pokorski, Theodore F. (See McLeod, G. D., Pokorski, and Hewitt.)
 Polymet Manufacturing Corporation. (See Lauter, Philip, assignor.)
 Pooley Company, The. (See Brown, John L., assignor.)
 Posselt, Albert J., Salda, Colo. Journal lubricator. 1,646,109; Oct. 18.
 Posson, Edward, assignor to Camel Company, Chicago, Ill. Auxiliary door for freight cars. 1,645,544; Oct. 18.
 Postindex Company. (See Butler, George P., assignor.)
 Potez, Henry C. A., Levallois-Perret, France. Aeroplane fin. 1,645,928; Oct. 18.
 Powell, A. L., Power Company, The. (See Powell, Alvah L., assignor.)
 Powell, Alvah L., Miles City, Mont., assignor, to The A. L. Powell Power Company, Incorporated. Engine. 1,646,110; Oct. 18.
 Powell, John E., Issaquah, Wash. Gasoline-consumption tester. 1,645,774; Oct. 18.
 Prat, Esteban M., assignor to Myrurgia, S. A., Barcelona, Spain. Perfume-bottle container. Des. 73,609; Oct. 18.
 Pressed Steel Car Company. (See Brinckerhoff, Francis M., assignor.)
 Prince, Burton A., Westfield, Mass., assignor to Irving Iron Works Company. Metal and concrete structure for flooring and similar purposes. 1,645,622; Oct. 18.
 Pringle, Wayne, assignor to Woods Brothers Corporation, Lincoln, Nebr. Jetty. 1,646,168; Oct. 18.
 Probst, Albert, Los Angeles, Calif. Handkerchief-vending machine. 1,646,314; Oct. 18.
 Proctor & Schwartz, Inc. (See Roberts, Joseph, assignor.)
 Puck, George, Lakefield, Minn. Motor attachment for corn pickers. 1,645,868; Oct. 18.
 Pullis, Frederick J., Jersey City, N. J. Mail-bag ejector for toy railways. 1,646,815; Oct. 18.
 Quinlan, Robertson & Janin Limited. (See Maxwell, Colin J. E., assignor.)
 Radiant Heat Corporation of America. (See Kennedy, Walter, assignor.)
 Radio Corporation of America. (See Dowsett, Harry M., assignor.)
 Radio Corporation of America. (See Weagant, Roy A., assignor.)
 Radio Corporation of America. (See Whistler, Arthur W., assignor.)
 Radiotive Corporation. (See Schmidt, Lambert, assignor.)

Raiche, Paul A., and T. B. Dowling, Providence, and T. J. Brides, Warwick, assignors to Davol Rubber Company, Providence, R. I. Machine for gumming the edges of nipples. 1,646,359; Oct. 18.

Railway Devices Company. (See Campbell, Sterling H., assignor.)

Raines, Benjamin D., and O. Billingsley, New York, N. Y. Lock. 1,646,216; Oct. 18.

Rankin, Ernest L., assignor of one-half to C. W. W. Hanbidge, London, England. Gramophone. 1,646,316; Oct. 18.

Ransome Concrete Machinery Company. (See Bushnell, James E., assignor.)

Rapid Addressing Machine Company. (See Gelger, Erwin A., assignor.)

Raus, Anton, Cleveland, and E. B. Isaac, East Cleveland, Ohio, assignors to General Electric Company. Stem-forming machine. 1,646,258; Oct. 18.

Rawson, George A., et al. (See O'Brien, J. R., and Revell, assignors.)

Raymond, Gwynne, assignor to Black, Sivalis & Bryson Mfg. Co., Kansas City, Mo. Relief-valve mechanism for oil tanks. 1,645,722; Oct. 18.

Reaser, Fred S., et al. (See Thompson, William H., assignor.)

Reboul, Louise, St. Etienne, France. French. 1,645,999; Oct. 18.

Reckford, John K., New York, N. Y. Pencil tip. Des. 73,670; Oct. 18.

Reeves, Paul B., assignor to Reeves Pulley Company, Columbus, Ind. Cone-pulley lubricator. 1,646,370; Oct. 18.

Reeves Pulley Company. (See Reeves, Paul B., assignor.)

Reid, James M., et al. (See Reid, James M., assignor.)

Reid, James M., assignor to J. O. and J. M. Reid, trading under firm name J. M. and J. O. Reid, Parry Sound, Ontario, Canada. Broom. 1,646,041; Oct. 18.

Reid, James O., et al. (See Reid, James M., assignor.)

Reid, John, New York, N. Y. Air-draft system for furnaces. 1,646,111; Oct. 18.

Reilly, William, White Plains, N. Y. Fish scaler. 1,645,970; Oct. 18.

Rein, Edward A., assignors of one-third to H. W. Irwin and one-third to A. F. Ledy, Seaside-Heights, N. J. Liquid gauge. 1,646,317; Oct. 18.

Reinhardt, Otto, Central Falls, R. I. Curtain-rod holder. 1,646,360; Oct. 18.

Relay Automatic Telephone Company, The. (See Rausseau, Ernest J. C., assignor.)

Remington Rand Inc. (See Johnston, William F., assignor.)

Remington Typewriter Company. (See Barney, Edwin, E., assignor.)

Reschke, William F., Wichita, Kans. Gearing for oil-well rigs. 1,645,623; Oct. 18.

Revell, Wilfred. (See O'Brien, J. R., and Revell.)

Reynolds, H. M., Shingle Company. (See Judkins, Orlo W., assignor.)

Reynolds Spring Company. (See Webster, Benjamin C., assignor.)

Reynolds Spring Company. (See He, William, assignor.)

Reynolds, William B., and T. M. Barbee, Louisville, Ky. Whirligig toy. 1,645,820; Oct. 18.

Rheinische Kampfer-Fabrik Gesellschaft mit beschränkter Haftung. (See Schüllkopf, Karl, assignor.)

Rhoades, Alonzo E., assignor to Draper Corporation, Hopedale, Mass. Quick-acting warp stop mechanism for warpers. 1,646,361; Oct. 18.

Rhoades, Alonzo E., assignor to Draper Corporation, Hopedale, Mass. Quick-acting warp stop mechanism for warpers having an oscillatory detector bar. 1,646,362; Oct. 18.

Rhoades, Alonzo E., assignor to Draper Corporation, Hopedale, Mass. Quick-acting warp stop mechanism for warpers. 1,646,363; Oct. 18.

Riccia, Angelo D., Brussels, Belgium. Transforming machine with symmetrically subdivided flux for the control of traction motors or the like. 1,646,066; Oct. 18.

Rice, William R. (See Smith, E. R., Rice, and Jackson.)

Richardson, Frank C., et al. (See Duncan, Charles H., assignor.)

Richardson, Lawrence, Louisville, Ky. Railway-car side bearing. 1,645,871; Oct. 18.

Richardson, Rodney G., Chicago, and J. I. Bellamy, Brookfield, assignors, by mesne assignments, to Automatic Electric Inc., Chicago, Ill. Measured-service telephone system. 1,645,662; Oct. 18.

Richter, Paul C., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Trolley construction. 1,646,217; Oct. 18.

Riddell, William A., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic shutter. 1,645,929; Oct. 18.

Riegel, Clarence H., Niles, Ohio. Making sheet-metal barrels. 1,645,971; Oct. 18.

Ritzerfeld, Wilhelm, Berlin-Charlottenburg, Germany. Multiplying records. 1,645,930; Oct. 18.

Roberts, Frank B., Anaheim, assignor of one-half to W. G. Huntington, Sawtelle, Calif. Stacking and conveying mechanism. 1,646,067; Oct. 18.

Roberts, Frank B., Anaheim, assignor of one-half to W. G. Huntington, Sawtelle, Calif. Stacking and conveying mechanism. 1,646,381; Oct. 18.

Roberts, Joseph, Englewood, R. L., assignor, by mesne assignments, to Proctor & Schwartz, Inc., Philadelphia, Pa. Drier. 1,646,259; Oct. 18.

Robertson, Robert S. (See Bumstead, R. W., and Robertson.)

Rockbestos Products Corporation. (See Mau, Edward A., assignor.)

Rockford Drilling Machine Company. (See Stickney, Charles A., assignor.)

Rodgers, Henry J., receiver. (See Forsyth, Robert, assignor.)

Roethel, John H., Brooklyn, N. Y. Window-operating mechanism. 1,646,218; Oct. 18.

Roger, Gabriel C., Bordeaux, France. Shoe-sole sewing machine. 1,645,872; Oct. 18.

Rogers, Harry T., Chicago, Ill. Concrete-working tool. 1,645,873; Oct. 18.

Rose, Charles E., Willenhall, England. Stair carpet and like fastening. 1,645,663; Oct. 18.

Rosenbaum, Fritz, Nuremberg, Germany. Toy automobiles. 1,646,169; Oct. 18.

Rosner, Frank A., St. Paul, Minn. Towel holder. 1,646,068; Oct. 18.

Ross, Philip S., Montreal, Quebec, Canada. Fly screen. 1,645,775; Oct. 18.

Roučka, Erich, Blansko, Czechoslovakia. Flow-measuring system. 1,645,624; Oct. 18.

Rousseau, Ernest J. C., assignor to The Relay Automatic Telephone Company, Limited, London, England. Telephone trunking scheme. 1,645,972; Oct. 18.

Rubber Latex Research Corporation, The. (See Westcott, William B., assignor.)

Ruckert, Harry E., and B. M. Fine, assignors, by mesne assignments, to Sanitary Products Corporation of America, Philadelphia, Pa. Method and apparatus for making paper plates and the like. 1,645,931; Oct. 18.

Rütsche, Gallus, Rorschach, Switzerland. Removing deposit, scale, or incrustations from metal. 1,645,664; Oct. 18.

Ryder, Parmly H., and C. W. Moore, Bucyrus, Ohio, assignors to Smokeless Oil Burner Company. Oil burner. 1,645,546; Oct. 18.

Sack, Leo S., assignor to Durable Knitting Mills, Philadelphia, Pa. Knitted sweater. Des. 73,671; Oct. 18.

Sack, Leo S., assignor to Durable Knitting Mills, Philadelphia, Pa. Knitted sweater. Des. 73,672; Oct. 18.

Salyards, Elmer S., Moline, Ill. Coal-dust-feed mechanism. 1,645,932; Oct. 18.

Sandberg, Johannes. (See Ensford, W., and Sandberg.)

Sandhoff, Jacob, Saskatoon, Saskatchewan, Canada. Weeding attachment for land harrows. 1,645,933; Oct. 18.

Sandlifer, William T., Jackson, Miss. Spring hanger. 1,645,821; Oct. 18.

Sanford, Choral B., Avalon, Calif. Diving sinker for deep-sea angling. 1,645,874; Oct. 18.

Sanfleben, Joseph F., assignor to Filtrators Company, Incorporated, New York, N. Y. Apparatus for use in preventing the incrustation of steam boilers. 1,645,973; Oct. 18.

Sanitary Products Corporation of America. (See Ruckert, H. E., and Fine, assignors.)

Sanson, Charles E., East Syracuse, N. Y. Sectional mold for making concrete blocks. 1,645,776; Oct. 18.

Sauvage, William H., New York, N. Y., assignor, by mesne assignments, to The Gould Coupler Company. Slack adjuster. 1,645,777; Oct. 18.

Savage, Guyton D., Norfolk, Va. Ring. Des. 73,673; Oct. 18.

Scarborough, Elmore D., Corsicana, Tex. Signal apparatus for railways and highways. 1,645,875; Oct. 18.

Schacht, William F., Huntington, Ind. Stopple. 1,646,112; Oct. 18.

Schade, John, assignor to National Blank Book Company, Hoxloke, Mass. Locking device for telescoping elements. 1,645,934; Oct. 18.

Schaeren, Ernst, Bern, Switzerland, assignor to Busch-Sulzer Bros. Diesel Engine Co., St. Louis, Mo. High-pressure crude-oil motor. 1,646,042; Oct. 18.

Schel, Iver P., Fergus Falls, Minn. Powder dispenser. 1,645,935; Oct. 18.

Schleiferstein, Georg H., Berlin-Charlottenburg, Germany. Bell-ring machinery. 1,645,822; Oct. 18.

Schilling, Walter W., Scotia, N. Y., assignor to General Electric Company. Relay. 1,646,219; Oct. 18.

Schultz, Bernard P., assignor to The P. A. Geler Company, Cleveland, Ohio. Straightening press and method of straightening. 1,646,260; Oct. 18.

Schlesinger, Georg, Berlin-Charlottenburg, Germany. Method of and apparatus for producing cylindrical formations or hollow bodies from veneer or thin sheet wood. 1,645,936; Oct. 18.

Schmidt, Carlos A., Oakland, Calif. Vehicle bumper. 1,645,723; Oct. 18.

Schmidt, Lambert, Brooklyn, N. Y., assignor to Radiotive Corporation, Diaphragm. 1,646,261; Oct. 18.

Schneider, Edward A., New York, N. Y., and M. Hertz, Stamford, Conn. Spark plug. 1,646,318; Oct. 18.

Schubert & Salzer Maschinenfabrik Aktiengesellschaft. (See Masliorens, Esteban, assignor.)

Schulte, Fritz. (See Herz, R., and Schulte.)

Schultz, August L., assignor to The American Multigraph Company, Cleveland, Ohio. Addressing machine. 1,646,220; Oct. 18.

Schütte, Johann C. F. A., Berlin, Germany. Holding device for printing blocks or plates. 1,645,876; Oct. 18.

Schwartz, Michael, assignor to Automatic Electric Inc., Chicago, Ill. Automatic telephone system. 1,646,262; Oct. 18.

Schüllkopf, Karl, assignor to Rheinische Kampfer-Fabrik Gesellschaft mit beschränkter Haftung, Oberkassel, near Düsseldorf, Germany. Substituting halogen. 1,645,974; Oct. 18.

Scott, Clarence E., Norristown, assignor to York Heating and Ventilating Corporation, Philadelphia, Pa. Fan-housing construction. 1,646,319; Oct. 18.

Scott, David J., et al., executors. (See Scott, David J., assignor.)

Scott, David J., Plainfield, N. J., assignor to I. Scott and D. J. Scott, executors of the estate of Walter Scott, deceased. Printing machine. 1,646,114; Oct. 18.

Scott, Isabella, et al., executors. (See Scott, David J., assignor.)

Scullin Steel Co. (See McCullough, Paul J., assignor.)

Searies, Volney A., Jackson, Mich., assignor to Stewart-Warner Speedometer Corporation, Chicago, Ill. Liquid-feeding device. 1,646,069; Oct. 18.

Seavey, Elmer S., Bethlehem, Pa., assignor to Bethlehem Steel Company. Splice bar and method of manufacture. 1,646,170; Oct. 18.

Seede, John A., Schenectady, N. Y., assignor to General Electric Company. Electric furnace. 1,646,221; Oct. 18.

Seeger, Edwin W., assignor to The Cutler-Hammer Mfg. Co., Milwaukee, Wis. Motor controller. 1,646,171; Oct. 18.

Sekinger, Otto, Zurich, assignor to Aitorfer, Lehmann & Cie., Zentralheizungs-fabrik, Zofingen, Switzerland. Liquid-dispensing apparatus. 1,645,545; Oct. 18.

Sewell Cushion Wheel Company. (See Sewell, H. J., and Wilking, assignors.)

Sewell, Herbert J., and L. C. Wilkins, assignors to Sewell Cushion Wheel Company, Detroit, Mich. Steering wheel. 1,646,172; Oct. 18.

Shakeproof Lock Washer Company, Division of Illinois Tool Works. (See Hosking, Richard T., assignor.)

Shann, Oscar A., Brooklyn, and F. A. Kuntz, Woodhaven, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sound-producing device. 1,645,823; Oct. 18.

Shardlow, Harry, assignor to Solar Lighting Fixture Co., Los Angeles, Calif. Lighting-fixture bracket. Des. 73,674; Oct. 18.

Sharples, Arthur E., Astoria, N. Y. Ring cigarette holder. 1,645,877; Oct. 18.

Sharples Specialty Company, The. (See Ayres, Eugene E., jr., assignor.)

Sheffield, W. H. (See Cornell, Fritz G., jr., assignor.)

Sheldon Axle and Spring Company. (See Welland, Alfred, assignor.)

Shepherd, Harold F., assignor to The Kent-Owens Machine Company, Toledo, Ohio. Method of and apparatus for delivering measured charges. 1,645,547; Oct. 18.

Shiel, John B., Corona, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 1,645,778; Oct. 18.

Shipley, John H., assignor to The Cleveland Folding Machine Company, Cleveland, Ohio. Sheet-feeding mechanism. 1,645,824; Oct. 18.

Shoe Form Co. Inc., The. (See De Witt, William J., assignor.)

Shoe Lace Company. (See Joslin, William H., assignor.)

Shoemaker, George A., Philadelphia, Pa., assignor to Bound Brook Oil-Less Bearing Company, Boundbrook, N. J. Bearing and making same. 1,646,371; Oct. 18.

Shrope, Carl H., Columbus, Ohio. Nut-castellating machine. 1,646,222; Oct. 18.

Shuler, Hubert L., Orangeburg, S. C. Cigar and cigarette holder. 1,646,320; Oct. 18.

Siegfried, Wilhelm, and A. Dachs, Erfurt, Germany. Ticket for marking delicate fabrics. 1,645,878; Oct. 18.

Siegmund, Paul F., San Antonio, Tex. Attachment for gas engines. 1,646,321; Oct. 18.

Siemens & Halske Aktiengesellschaft. (See Pohlmann, Bruno G., assignor.)

Siemens & Halske Aktiengesellschaft. (See Pohlmann, Max, assignor.)

Silberman, David, New York, N. Y. Hook and eye tape. 1,645,548; Oct. 18.

Simplex Heat Regulator Company. (See Myer, Albert P., assignor.)

Simpson, William E., assignor to Palmer-Bee Company, Detroit, Mich. Air hoist. 1,645,665; Oct. 18.

Slipping, Frank R., Ramsey, Ill. Track liner. 1,645,825; Oct. 18.

Sjoberg, Sidney T. (See Payne, H. D., De Clerque, and Sjoberg.)

Sjöström, John G., Jonkoping, Sweden. Veneer lathe. 1,646,115; Oct. 18.

Skels, Henry E., Rochester, N. Y. Ladder and platform support. 1,645,879; Oct. 18.

Slepien, Joseph, Wilkesburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Transmission system. 1,645,937; Oct. 18.

Slivinski, Hugo R., Chicago, Ill. Sand cutting and mixing machine. 1,645,625; Oct. 18.

Smedley, William H., Stoke-on-Trent, England. Display card, price ticket, and the like. 1,646,263; Oct. 18.

Smith, Abram E., Huguenot Park, N. Y., assignor to Union Tank Car Company, Jersey City, N. J. Railroad car. 1,645,626; Oct. 18.

Smith, Arthur B., Evanston, assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill. Multi-office automatic telephone system. 1,645,549; Oct. 18.

Smith, Arthur M., assignor to Marshall & Stearns Company, San Francisco, Calif. Portable folding bed. 1,646,116; Oct. 18.

Smith, Charles F., Los Angeles, Calif. Nail stripper. 1,645,938; Oct. 18.

Smith, Dennis W., Wilmette, assignor to Colborne Manufacturing Company, Chicago, Ill. Pie-making machine. 1,645,627; Oct. 18.

Smith, Earl H., Oak Park, assignor of one-half to C. H. Jenkins, Chicago, Ill. Circulating system for internal-combustion engines. 1,646,070; Oct. 18.

Smith, Edgar W., Edinburgh, Scotland, assignor to R. W. Crabtree & Sons, Limited, Leeds, England. Printing machine. 1,645,939; Oct. 18.

Smith, Edwin R., W. R. Rice, and J. R. Jackson, Fitchburg, Mass., assignors, by mesne assignments, to Federal Addressing Machine Corporation, Buffalo, N. Y. Sheet-feeding mechanism. 1,646,117; Oct. 18.

Smith, Irving R., assignor to Sterling Wheelbarrow Company, Milwaukee, Wis. Wheelbarrow. 1,645,666; Oct. 18.

Smith, Major & Stevens Limited. (See Stevens, Percy H., assignor.)

Smith, Warren S., Bangor, Pa. Magnetically-operated signal. 1,645,628; Oct. 18.

Smith, William P., Tucson, Ariz. Condiment holder. 1,646,322; Oct. 18.

Smokador Manufacturing Co. (See Fleming, Robert G., assignor.)

Smokeless Oil Burner Company. (See Ryder, P. H., and Moore, assignors.)

Snead & Company. (See Macdonald, Angus S., assignor.)

Société Anonyme des Télégraphes Edouard Belin. (See Montellhet, Antonin, assignor.)

Société Industrielle des Matières Plastiques, The. (See Barthélemy, Henri, assignor.)

Solar Lighting Fixture Co. (See Shardlow, Harry, assignor.)

Solomon, Adrian R., San Francisco, Calif. Lamp canopy. Des. 73,675; Oct. 18.

Spahr, Otto, Philadelphia, Pa. Electric sadiron. 1,645,667; Oct. 18.

Spang, Joseph P., Quincy, Mass. Meat tenderer. 1,646,071; Oct. 18.

Spanish River Pulp & Paper Mills, The. (See Thibedeau, J. F., Deguire, Turner, and McDermid, assignors.)

Spencer, Guilford L., Herricks, Me., assignor to The Cuban American Sugar Co., New York, N. Y. Desugaring molasses. 1,646,323; Oct. 18.

Spencer, Millard C., East Orange, assignor to Crocker-Wheeler Electric Manufacturing Company, Ampere, N. J. High-frequency alternating-current amplifier. 1,646,364; Oct. 18.

Sperry Gyroscope Company, The. (See Patterson, Martin L., assignor.)

Springer, Franklin W., Minneapolis, Minn. Electrical regulating system. 1,645,724; Oct. 18.

Stadnick, John, Elizabeth, N. J. Bow for stringed musical instruments. 1,646,118; Oct. 18.

Standard Conveyor Company. (See Taylor, William J., assignor.)

Standard Mirror Company. (See La Hodney, William, assignor.)

Stansbury, Harry B., St. Louis, Mo. Pneumatic chassis support. 1,645,826; Oct. 18.

Starkweather, George B., Washington, D. C. Aircraft. 1,645,779; Oct. 18.

Stebbins Engineering and Manufacturing Company. (See Dunbar, Thomas L., assignor.)

Steichen, Malre C., New York, N. Y. Hair waver. 1,646,173; Oct. 18.

Stein, Charles M., Paris, France. Automatic obturator for the supply pipe for burners. 1,645,550; Oct. 18.

Steinmetz, Charles P., deceased, by J. L. B. Hayden, executor, Schenectady, N. Y., assignor to General Electric Company. Protective system. 1,646,265; Oct. 18.

Sterling Wheelbarrow Company. (See Smith, Irving R., assignor.)

Stetson, Warner D., Detroit, Mich. Wire-splicing tool. 1,645,668; Oct. 18.

Stevens, Burt D., Evanston, assignor of three-fourths to W. V. Kelley, Chicago, Ill. Carburetor. 1,646,043; Oct. 18.

Stevens, Louis W., Boston, Mass. Grease package. 1,646,264; Oct. 18.

Stevens, Percy H., assignor to Smith, Major & Stevens Limited, Abbey Works, Northampton, England. Control of polyphase electromotors. 1,645,827; Oct. 18.

Stevenson, Donald M., Portland, Oreg. Load moving and raising and lowering means. 1,646,119; Oct. 18.

Stevenson, Thomas K., assignor to Francis Van Blarcom, New York, N. Y. Gear-wheel holder. 1,645,669; Oct. 18.

Stewart, Laurence G., St. Louis, Mo. Ring. Des. 73,876; Oct. 18.

Stewart, Robert, New York, N. Y. Liquid dispenser and applicator. 1,646,324; Oct. 18.

Stewart-Warner Speedometer Corporation. (See Searles, Volney A., assignor.)

Stickney, Charles A., assignor to Rockford Drilling Machine Company, Rockford, Ill. Friction clutch. 1,645,780; Oct. 18.

Stimpson, Edwin B., assignor to Edwin B. Stimpson Company, Brooklyn, N. Y. Rivet-setting machine. 1,646,072; Oct. 18.

Stimpson, Edwin B., Company. (See Stimpson, Edwin B., assignor.)

Stolberg, Anders J., assignor of forty-nine one-hundredths to Bair-Collins Company, Roundup, Mont. Railroad tie. 1,645,629; Oct. 18.

Stoner, Frank, Lakewood, assignor to The Baker-Rauland Company, Cleveland, Ohio. Receptacle. 1,646,266; Oct. 18.

Stoney, John T., Cleveland, Ohio. Automatic valve mechanism. 1,645,828; Oct. 18.

Stradley, Early E. (See Ferriter, J. P., and Stradley.)

Strang, John M., assignor to Barr and Stroud Limited, Glasgow, Scotland. Periscope, telescope, and like observational instrument. 1,645,880; Oct. 18.

Strassmann, Paul G., Crefeld, Germany. Closure for vertical retorts. 1,646,325; Oct. 18.

Stricker, William, assignor of one-half to A. Livingston, Kansas City, Mo. Drier. 1,646,223; Oct. 18.

Strong, Eugene H., Pearsall, Tex. Electric target practice apparatus for firearms. 1,645,881; Oct. 18.

Strunack, Michael, Potomstown, Pa. Tool retainer for pneumatic hammers. 1,646,120; Oct. 18.

Stuber, Adolph, assignor to Eastman Kodak Company, Rochester, N. Y. Self-threading winding means. 1,645,882; Oct. 18.

Studebaker Corporation, The. (See Bourgon, Joseph H., assignor.)

Studebaker Corporation, The. (See Herrman, Karl L., assignor.)

Stukart, Hendrik, assignor to U. S. Slicing Machine Company, La Porte, Ind. Bread slicer. 1,645,551; Oct. 18.

Snodds, Homer A., Everett, Wash. Bottle-container closure. 1,645,829; Oct. 18.

Sugg, Frederick B., Ozark, Ala. Movable headlight. 1,646,326; Oct. 18.

Summit Thread Company. (See Ham, Robert L., assignor.)

Sun-Maid Raisin Growers of California. (See Forrest, Thomas W., assignor.)

Sun Oil Company. (See Pew, A. E., Jr., and Thomas, assignors.)

Sun Rubber Company, The. (See Lower, Melvin S., assignor.)

Sutherland, John G., Oakwood, Ohio. Combination tire carrier and signaling means. 1,645,830; Oct. 18.

Sutton-Abramsen Engineering Company. (See Wise, George A., assignor.)

Sweetland, Ernest J., Hazleton, Pa., and G. H. Greenhaigh, Newark, N. J., said Greenhaigh assignor to said Sweetland. Renewable filter unit. 1,646,377; Oct. 18.

Sweetland, Ernest J., Hazleton, Pa., and G. H. Greenhaigh, North Arlington, N. J., said Greenhaigh assignor to said Sweetland. Renewable filter unit. 1,646,378; Oct. 18.

Syler, Claude E., Fort Worth, Tex. Mold-liner gauge. 1,646,327; Oct. 18.

Sylvester, Howard C., Bakersfield, Calif. Switchman's lantern. 1,646,328; Oct. 18.

Szako, John, New York, N. Y. Bench plane. 1,645,781; Oct. 18.

Sekeley, Otto E., Moline, Ill. Washing machine. 1,646,174; Oct. 18.

Taft, John A., Cincinnati, Ohio. Cotton condenser. 1,645,630; Oct. 18.

Tannowitz, Carl E., Grand Rapids, Mich. Band-saw wheel. 1,645,552; Oct. 18.

Tape, William H., Lethbridge, assignor of one-half to R. Barrowman, Lethbridge, Alberta, Canada. Brake. 1,645,975; Oct. 18.

Tariel, Roy A., Sacramento, Calif. Spare-tire advertising sign. 1,645,940; Oct. 18.

Taveau, René de M., Elizabeth, N. J., assignor, by mesne assignments, to The Texas Company, New York, N. Y. Treating hydrocarbons. 1,645,563; Oct. 18.

Taylor, Richardson H., Meeker, Colo. Dental mandrel. 1,646,330; Oct. 18.

Taylor, William E., Bloomfield, and Z. Hoffman, East Orange, N. J. Feeding machine. 1,645,555; Oct. 18.

Taylor, William J., North Chicago, Ill., assignor to Standard Conveyor Company, St. Paul, Minn. Portable elevator. 1,645,554; Oct. 18.

Teichmann, Albert, Zeitz, Germany. Safety device for elevators, conveyers, and like apparatus. 1,645,883; Oct. 18.

Texas Company, The. (See Holmes, R. C., Manley, and Behlmer, assignors.)

Texas Company, The. (See Taveau, René de M., assignor.)

Texto* Metal Art Products Co. (See Goldberg, Abraham, assignor.)

Thibedeau, Joseph F., A. Deguire, W. Turner, and A. McDermid, assignors to The Spanish River Pulp & Paper Mills, Limited, Espanola, Ontario, Canada. Rope paper carrier for paper machines. 1,646,044; Oct. 18.

Thiede, August, Chicago, Ill. Foldable table. 1,646,175; Oct. 18.

Thomas, Henry. (See Pew, A. E., Jr., and Thomas.)

Thomas, Lawrence H. and F. Kuhn, assignors to American Electrical Heater Company, Detroit, Mich. Machine for making asbestos-covered wire. 1,645,884; Oct. 18.

Thompson, George T., Lake City, Colo. Tent support. 1,645,885; Oct. 18.

Thompson Products Inc. (See Graham, Matthew P., assignor.)

Thompson, Roy S., Bay Village, Ohio. Greenhouse-bar painter. 1,645,976; Oct. 18.

Thompson, William H., assignor of one-third to F. S. Reaser, and one-third to J. W. Duncan, Wichita Falls, Tex. Cotton-dusting machine. 1,646,224; Oct. 18.

Thorp, Fred W., assignor to Northern Corrugating Company, Green Bay, Wis. Napkin dispenser. 1,646,121; Oct. 18.

Thrift, Homer C., Houston, Tex. Pump mechanism. 1,645,670; Oct. 18.

Thrush, Homer A., Peru, Ind. Temperature damper regulator. 1,645,886; Oct. 18.

Tiedemann, Anton H., Weehawken, N. J. Caster. 1,645,831; Oct. 18.

Tidwell, William A., Indianapolis, Ind. Missile for toy guns. 1,646,122; Oct. 18.

Timbs, Edward, Los Angeles, L. E. Zerbe, Moneta, and F. von Schlegel, Pasadena, assignors to Union Tool Company, Torrance, Calif. Sand reel for well-drilling rigs. 1,646,123; Oct. 18.

Timken Roller Bearing Company, The. (See Lothrop, Marcus T., assignor.)

Tinnerman, Albert H., Cleveland, Ohio. Stove-leg connection. 1,646,267; Oct. 18.

Titus, Alfred E., Trenton, N. J. Door hinge. 1,645,977; Oct. 18.

Tobold, Ewald F., assignor to The Dill Manufacturing Company, Cleveland, Ohio. Sheet-metal article. 1,645,832; Oct. 18.

Torme, William D., assignor to A. E. Hirsch, Chicago, Ill. Detachable cuff. 1,645,833; Oct. 18.

Touchstone, Burt W., Eldorado, Ark. Fence post. 1,646,000; Oct. 18.

Tower, Herschel E., assignor to The Baldwin Company, Cincinnati, Ohio. Expression mechanism for mechanical musical instruments. 1,646,001; Oct. 18.

Trefoils, Léon, Brussels, Belgium. Self-scraping hearth for gas generators and other furnaces. 1,645,671; Oct. 18.

Trico Products Corporation. (See Folberth, Frederick G. and W. M., assignors.)

Trinks, Willibald, Pittsburgh, assignor to Homestead Valve Manufacturing Company, Homestead, Pa. Rotary valve. 1,645,631; Oct. 18.

Trumpour, Frederick J., Forest Glen, Md. Blue-printing machine. 1,646,331; Oct. 18.

Tulls, Ross L., New Haven, Conn. Bird cage. Des. 73,677; Oct. 18.

Turnell, Ernest H., Chicago, Ill. Milk bottle and cream separator for use therewith. 1,645,632; Oct. 18.

Turner, William. (See Thibedeau, J. F., Deguire, Turner, and McDermid.)

Tuttle, Henry A., Upton, Mass. Brake mechanism. 1,646,124; Oct. 18.

Tuttle, Henry A., Upton, Mass. Clutch mechanism. 1,646,125; Oct. 18.

Tuttle, Henry A., Upton, Mass. Reversing gearing. 1,646,126; Oct. 18.

Tuttle, Henry A., Upton, Mass. Reversing gearing. 1,646,127; Oct. 18.

Twitchell, James E., Detroit, Mich. Cleaning device. 1,646,176; Oct. 18.

Tyson, Frank, Canton, Ohio. Freezing mechanism. 1,645,782; Oct. 18.

Ullom, Lewis O., Ellwood City, Pa. Removing wall paper from walls. 1,646,177; Oct. 18.

Ulrich, Toney D., Sharpville, Ind., assignor of one-half to L. M. Gerber, Argenta, Ill. Humidifier. 1,646,329; Oct. 18.

Underwood Typewriter Company. (See Engelslepen, John W., assignor.)

Underwood Typewriter Company. (See Vickers, Harry H., assignor.)

Union Switch & Signal Company, The. (See Grondahl, Lars O., assignor.)

Union Tank Car Company. (See Smith, Abram E., assignor.)

Union Tool Company. (See Timbs, E., Zerbe, and von Schlegel, assignors.)

United Shoe Machinery Corporation. (See Ballard, Milton H., assignor.)

United Shoe Machinery Corporation. (See Keall, Frank B., assignor.)

United Shoe Machinery Corporation. (See Winkley, Erastus E., assignor.)

United States Import House Emanuel Van Dam. (See Grosser, Hans, assignor.)

U. S. Slicing Machine Company. (See Stukart, Hendrik, assignor.)

United Steel & Wire Company. (See Jarvis, Charles H., assignor.)

Universal Button Fastening & Button Company. (See Clark, John M., assignor.)

Urschel, William E., Valparaiso, Ind., assignor to Eskimo Pie Corporation, Louisville, Ky. Automatic ice-cream cutting and coating machine. 1,645,835; Oct. 18.

Utz, William A., sr., Fort Worth, Tex., assignor, by mesne assignments, to Perfection Package Sealer Company. Gunned-tape-serving machine. Re16,774; Oct. 18.

Van Alen, William, Brooklyn, N. Y. Street-lighting system. 1,646,045; Oct. 18.

Van Blarcom, Francis. (See Stevenson, Thomas K., assignor.)

Vandenbergh, Charles, assignor of 15 per cent to R. L. Kelly, New York, N. Y. Latch for electric water heaters. 1,646,225; Oct. 18.

Van Deventer, Horace, Knoxville, Tenn. Fuel-feeding system for internal-combustion engines. 1,645,836; Oct. 18.

Van Saun, Peter E., Los Angeles, Calif. Automatic disconnecting device for rock crushers. 1,645,672; Oct. 18.

Van Schaack, Robert H., Jr., Evanston, Ill. Esters of normal-amyl alcohol. 1,646,128; Oct. 18.

Vaughan, Conrad, assignor to The Permod Company, Cleveland, Ohio. Mold. 1,645,725; Oct. 18.

Vaughan, Conrad, assignor to The Permod Company, Cleveland, Ohio. Mold. 1,645,726; Oct. 18.

Vaughan, Conrad, assignor to The Permod Company, Cleveland, Ohio. Mold. 1,645,727; Oct. 18.

Vaughan, Conrad, assignor to The Permod Company, Cleveland, Ohio. Mold. 1,645,728; Oct. 18.

Vaughan, Conrad, assignor to The Permod Company, Cleveland, Ohio. Mold. 1,645,729; Oct. 18.

Vaughan, Conrad, assignor to The Permod Company, Cleveland, Ohio. Casting. 1,645,730; Oct. 18.

Vaughan, Conrad, assignor to The Permod Company, Cleveland, Ohio. Mold. 1,645,731; Oct. 18.

Vaughan, Conrad, assignor to The Permod Company, Cleveland, Ohio. Mold. 1,645,732; Oct. 18.

Veeder, Curtis H., Hartford, Conn. Shutter-operating device. 1,645,873; Oct. 18.

Vickers, Harry H., Corona, assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,646,073; Oct. 18.

Vincent, Edward H., Detroit, Mich. Steering-wheel switch. 1,646,074; Oct. 18.

Voices, Incorporated. (See Nemcovsky, Lewis A., assignor.)

Voight, George F., Oakland, Calif., assignor to Economy Products Corporation. Plasterer's nails. 1,645,674; Oct. 18.

Von Arco, Georg, assignor to Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Speed governor. 1,645,556; Oct. 18.

Von Bronk, Otto, assignor to Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Arrangement for generating electric oscillations. 1,645,557; Oct. 18.

Von Nessen, Walter, New York, N. Y., assignor to Effcolite Corporation. Wall bracket. Des. 73,678; Oct. 18.

Von Schlegel, Frederick. (See Timbs, E., Zerbe, and von Schlegel.)

Vopel, Johannes, Berlin-Marliendorf, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Multiplex alternating-current telegraphy. 1,645,558; Oct. 18.

Voreaux, Paul, assignor to Etablissements Sanget Bavoix Reunis, Paris, France. Valveless pump. 1,645,834; Oct. 18.

Waddell, Homer J., assignor to The Gas Appliance Manufacturing Co., Baltimore, Ohio. Diaphragm structure. 1,646,376; Oct. 18.

Wadsworth, Wilbur H., Watertown, N. Y. Snowplow. 1,645,837; Oct. 18.

Wagner, Charles H., assignor to L. J. Mueller Furnace Company, Milwaukee, Wis. Guide for cutting elbows. 1,646,129; Oct. 18.

Wait, Justin F., New York, N. Y., assignor to National Aniline & Chemical Co., Inc. Producing sodamide. 1,646,372; Oct. 18.

Walte, Frank H., Long Island City, N. Y. Muffler and sanding device. 1,646,130; Oct. 18.

Walker, Harry R., St. Louis, Mo. Oil burner. 1,645,559; Oct. 18.

Walton, William B., Halifax, England. Drawing or drafting mechanism for drawing or drafting cotton and other fibrous material. 1,645,733; Oct. 18.

Wakefield, Frank E., assignor to Illinois Watch Case Company, Elgin, Ill. Watch. 1,645,633; Oct. 18.

Warner Bros. Inc. (See Warner, William E., assignor.)

Warner, Joseph, Nashville, Tenn. Manufacture of ferrophosphorous. 1,646,268; Oct. 18.

Warner, William E., Linden, assignor to Warner Bros. Inc., Newark, N. J. Bung for metal receptacles. 1,645,675; Oct. 18.

Warren Clock Company. (See Warren, Henry E., assignor.)

Warren, Henry E., Ashland, assignor to Warren Clock Company, Ashland, Mass. Speed regulator. 1,646,269; Oct. 18.

Washburn Company, The. (See Andrews, Arthur G., assignor.)

Weagant, Roy A., New York, N. Y., assignor to Radio Corporation of America. Wireless-telegraph receiving apparatus. 1,645,660; Oct. 18.

Wethers, Henry W., assignor of one-half to J. P. Dougherty, Jr., trustee, Augusta, Ga. Attachment for automobile indicators. 1,645,634; Oct. 18.

Weber, Clarence J., assignor to National Brick Company, Chicago, Ill. Transport means for bricks and the like. 1,645,783; Oct. 18.

Webster, Benjamin C., assignor, by mesne assignments, to Reynolds Spring Company, Jackson, Mich. Pull socket. 1,646,002; Oct. 18.

Webster, Leo N., Brentwood, Mo. Rotatable pipe joint. 1,645,838; Oct. 18.

Welland, Alfred, Neshanic, N. J., assignor to Sheldon Axle and Spring Company, Wilkes-Barre, Pa. Vehicle bumper. 1,645,561; Oct. 18.

Welland, Alfred, Neshanic, N. J., assignor to Pneumatic Appliances Corporation, New York, N. Y. Bumper construction. 1,645,562; Oct. 18.

Wescott, William B., Quincy, Mass., assignor to The Rubber Latex Research Corporation, Boston, Mass. Paving. 1,645,635; Oct. 18.

Westerfield, Granville G., Indianapolis, Ind. Carrying ball. 1,645,839; Oct. 18.

Western Electric Company. (See Bernhard, Frederick S., assignor.)

Western Electric Company. (See Dowd, Andrew D., assignor.)

Western Electric Company. (See Hubbard, Francis A., assignor.)

Western Electric Company. (See Kemp, Archie R., assignor.)

Western Union Telegraph Company, The. (See Drake, Herbert W., assignor.)

Westinghouse Electric & Manufacturing Company. (See Payne, H. D., De Clerque, and Sjoberg, assignors.)

Westinghouse Electric & Manufacturing Company. (See Siple, Joseph, assignor.)

Westinghouse Lamp Company. (See Higgins, John J., assignor.)

Wheeler, Grace B., Boston, Mass. Stopping holder for safety-razor blades. 1,645,676; Oct. 18.

Wheeler, Walter H., Jr. (See Pitney, A. H., Ogden, Northrop, and Wheeler.)

Whincap, Frederic J., Sturgis, Mich. Curtain rod or similar article. Des. 73,679; Oct. 18.

Whincap, Frederic J., Sturgis, Mich. Curtain rod or similar article. Des. 73,680; Oct. 18.

Whistlercroft, Arthur W., London, England, assignor to Radio Corporation of America. Electric calling device. 1,645,563; Oct. 18.

White, Clifford B., assignor to Foamite-Chilids Corporation, Utica, N. Y. Revivifying fire-extinguishing solutions. 1,646,046; Oct. 18.

White, Clifford B., assignor to Foamite-Chilids Corporation, Utica, N. Y. Fire extinguisher. 1,646,226; Oct. 18.

White, Frank R., and C. Lum, Columbia, N. Y.; said White assignor to said Lum. Device for expanding and contracting split rims. 1,645,564; Oct. 18.

White, Jesse M., Philadelphia, Pa. Automobile lock. 1,646,227; Oct. 18.

White, Martin C., Alton, Ill. Nut lock. 1,645,840; Oct. 18.

White Mop Wringer Company. (See Eiffe, James M., assignor.)

Whitehead, James F., assignor to Kales Stamping Company, Detroit, Mich. Mirror support. 1,646,379; Oct. 18.

Whitlow, John B., Lexington, Ky. Transmission mechanism. 1,645,841; Oct. 18.

Whitmore, Frederick C., New York, N. Y. Automobile signal. 1,646,332; Oct. 18.

Whitney, George E., assignor to S. Zimmer, Bridgeport, Conn. Service tray. 1,646,333; Oct. 18.

Wick Narrow Fabric Company. (See Kreh, Max, assignor.)

Wicks, John, assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill. Automatic telephone system. 1,645,636; Oct. 18.

Widmaler, Otto, Stuttgart, Germany. Envelope folding and sealing device. 1,645,842; Oct. 18.

Wieland, Heinrich, Munich, Germany, assignor to the Firm of C. H. Boehringer Sohn Chemische Fabrik, Neider Ingelheim-on-the-Rhine, Germany. Obtaining the active principle of lobelia. Re16,772; Oct. 18.

Wilde, Samuel A., assignor to Glenwood Range Company, Taunton, Mass. Gas range. 1,645,843; Oct. 18.

Wilde, Samuel A., assignor to Glenwood Range Company, Taunton, Mass. Gas range. 1,645,784; Oct. 18.

Wilke, Wilhelm. (See Muller-Cunradi, M., and Wilke.)

Wilkin, John T., Connersville, Ind. Gear. 1,646,374; Oct. 18.

Wilkin, John T., assignor to The Connersville Blower Company, Connersville, Ind. High-speed lobed-impeller blower. 1,646,373; Oct. 18.

Wilking, Lester C. (See Sewell, H. J., and Wilking.)

Willey, George H., Somerville, assignor to Willey-Noyes Manufacturing Company, Boston, Mass. Circuit-closing device. 1,645,978; Oct. 18.

Willey-Noyes Manufacturing Company. (See Willey, George H., assignor.)

ALPHABETICAL LIST OF PATENTEES.

- Williams, Percy Q., Huntington, W. Va. Leer conveyer. 1,646,047; Oct. 18.
 Williams, Ralph T., assignor to Bodine Electric Company, Chicago, Ill. Radio tuning inductance. 1,645,941; Oct. 18.
 Willis, Olo C., assignor to The P. A. Geler Company, Cleveland, Ohio. Applicator for surgical dressings and the like. 1,646,365; Oct. 18.
 Wilson, J. G., Corporation, The. (See Duncanson, Walter E., assignor.)
 Wilson-Western Sporting Goods Company. (See Bates, Benjamin E., assignor.)
 Wilson, Wylie G., Elizabeth, N. J. Gate valve. 1,645,785; Oct. 18.
 Winchester Repeating Arms Co. (See Lane, Leavitt J., assignor.)
 Wine, William E., Toledo, Ohio. Car-door mechanism. 1,646,003; Oct. 18.
 Wingquist, Sven G., Gottenborg, Sweden. Hydraulic coupling and change-speed gear. 1,645,565; Oct. 18.
 Winkley, Erastus E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating upon shoe bottoms. 1,645,566; Oct. 18.
 Winkley, Erastus E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Heel-building machine. 1,645,567; Oct. 18.
 Winters, Alexander F., and B. R. Crampton, Grand Rapids, Mich. Reversible latch. 1,646,075; Oct. 18.
 Wired Radio, Inc. (See Hough, Clinton W., assignor.)
 Wirz, Ernst, assignor to Aktiengesellschaft Brown, Boveri and Cie., Baden, Switzerland. Automatic regulating apparatus for electric furnaces. 1,646,048; Oct. 18.
 Wise, George A., assignor to Sutton-Abramsen Engineering Company, Pittsburgh, Pa. Leveling apparatus for metallic sheets and the like. 1,645,637; Oct. 18.
 Witt, Birdie V., Pasadena, and C. O. Nelson, Chicago, Ill. Orchard heater. 1,645,677; Oct. 18.
 Witte, John, Ferguson, Mo. Gear-shift lock. 1,646,076; Oct. 18.
 Witte, John, Ferguson, Mo. Gear-shift-lever lock. 1,646,077; Oct. 18.
 Wittel, Otto, assignor to Eastman Kodak Company, Rochester, N. Y. Motor-disconnecting means. 1,645,837; Oct. 18.
 Wolfe, William C., Richmond, Ind. Tamping tool. 1,646,775; Oct. 18.
 Wolf, Sidney J. (See Crocker, Charles C., assignor.)
 Wollenhaupt, Amos C., San Antonio, Tex. Chicken roost. 1,646,334; Oct. 18.
 Woodruff, Alvie C., Oakridge, Oreg. Four-wheel brake. 1,646,335; Oct. 18.
 Wood, Straud K., Hutchinson, Kans. Car-identifying means. 1,645,844; Oct. 18.
 Woods Brothers Corporation. (See Pringle, Wayne, assignor.)
 Woodward, Jesse H., assignor of one-third to A. H. Nichols and R. H. Daley, Perryton, Tex. Grain drier and cleaner. 1,645,568; Oct. 18.
 Wulf, Frank F., Neligh, Nebr. Draft evener. 1,645,569; Oct. 18.
 Wyman-Gordon Company. (See Oldson, John A., assignor.)
 Yale & Towne Manufacturing Company, The. (See Richter, Paul C., assignor.)
 York Heating and Ventilating Corporation. (See Scott, Clarence E., assignor.)
 Zsch. Johann, Munich, Germany Water vehicle. 1,646,178; Oct. 18.
 Zellweger A.-G. (See Hammer, Willibald, assignor.)
 Zerbe, Lewis E. (See Timbs, E. Zerbe and von Schlegel.)
 Zerk, Oscar, now, by judicial change of name, O. U. Zerk, Cleveland, Ohio, assignor, by mesne assignments, to The Bassick Manufacturing Company. Lubricant-dispensing apparatus. 1,645,888; Oct. 18.
 Zerk, Oscar, now, by judicial change of name, O. U. Zerk, Cleveland, Ohio, assignor, by mesne assignments, to The Bassick Manufacturing Company. Lubricant-feeding nipple and the like. 1,645,889; Oct. 18.
 Zerk, Oscar U. (See Zerk, Oscar.)
 Zerk, Oscar U., Newark, N. J., assignor to Bassick Alemite Corporation, Chicago, Ill. Lubricant compressor. 1,645,890; Oct. 18.
 Zimmer, Samuel. (See Whitney, George E., assignor.)
 Zoller, Harper F., assignor to Arctic Dairy Products Company, Detroit, Mich. Food compound. 1,645,786; Oct. 18.
 Zoller, Harper F., assignor to Arctic Dairy Products Company, Detroit, Mich. Food compound and making same. 1,646,228; Oct. 18.

ALPHABETICAL LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 18TH DAY OF OCTOBER, 1927.

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice). Includes patents, releases, and designs.

- Acetylene generator. A. F. Jenkins. 1,646,252; Oct. 18.
 Acids, Making cellulose esters of organic. C. J. Malm. 1,645,915; Oct. 18.
 Adding machine. H. C. Peters. 1,646,105; Oct. 18.
 Addressing machine. A. L. Schultz. 1,646,220; Oct. 18.
 Adhesive plaster, System of rolling surgical. R. P. Hayden. 1,646,093; Oct. 18.
 Advertising cigar cutter and lighter stand, Combined. W. L. Ewing. Des. 73,653; Oct. 18.
 Advertising device, Taxi. E. Dobrowsky. 1,645,804; Oct. 18.
 Aeroplane fin. H. C. A. Potez. 1,645,928; Oct. 18.
 Aeroplane fuselages, Air tunnel for. J. Miller. 1,645,612; Oct. 18.
 Aeroplane projectile. A. E. Henderson. 1,646,146; Oct. 18.
 Agitator. O. B. Monahan. 1,645,614; Oct. 18.
 Agricultural implement. A. Hawks. 1,646,023; Oct. 18.
 Agricultural implement. G. C. Lloyd. 1,645,994; Oct. 18.
 Aircraft. G. B. Starkweather. 1,645,779; Oct. 18.
 Airplane fuselage. H. C. Mummert. 1,645,964; Oct. 18.
 Air protective shield, Compressed. B. O. Patrick. 1,646,103; Oct. 18.
 Alarm: See—
 Tire alarm.
 Alcohol, Esters of normal-amyl. R. H. Van Schaack, Jr. 1,646,128; Oct. 18.
 Alternator, High-frequency. J. Bethenod and E. Girardieu. 1,645,517; Oct. 18.
 Aluminum from oily metallic mixtures and the like, Recovering. J. G. G. Frost. 1,646,239; Oct. 18.
 Amplifier. J. L. Brown. 1,646,050; Oct. 18.
 Amplifier, High-frequency alternating current. M. C. Spencer. 1,646,364; Oct. 18.
 Amplifiers, Stabilizing. E. H. Lange. 1,646,027; Oct. 18.
 Anchor-bolt sleeve. C. N. Garber. 1,645,903; Oct. 18.
 Arch and siphon, Steel water. G. D. McLeod, T. F. Pokorski, and T. J. Hewitt. 1,646,304; Oct. 18.
 Ash stand. R. G. Fleming. 1,646,088; Oct. 18.
 Automobile lock. J. M. White. 1,646,227; Oct. 18.
 Automobile safety device. A. D'Aguzzano. 1,646,139; Oct. 18.
 Automobile signal. F. C. Whitmore. 1,646,332; Oct. 18.
 Awning. O. T. Gregory. 1,645,697; Oct. 18.
 Awning bracket. R. C. Campbell. 1,645,737; Oct. 18.
 Axle housings, Preventing leaking of oil from. G. F. Benson. 1,645,578; Oct. 18.
 Baffle-wall form. M. Liptak. 1,646,096; Oct. 18.
 Ball: See—
 Play ball.
 Ball, Carrying. G. G. Westerfield. 1,645,839; Oct. 18.
 Ball, Artificial. S. F. Davenport. 1,645,644; Oct. 18.
 Baling press. H. Hill. 1,646,355; Oct. 18.
 Band-saw wheel. C. E. Tannewitz. 1,645,552; Oct. 18.
 Banks, Protective apparatus for. A. E. Bergquist. 1,646,344; Oct. 18.
 Bar and method of manufacture, Splice. E. S. Seavey. 1,646,170; Oct. 18.
 Barrels, Making sheet-metal. C. H. Riegel. 1,645,971; Oct. 18.
 Bathtubs and basins, Chain and plug holder for. A. C. Crocker. 1,645,986; Oct. 18.
 Battery: See—
 Storage battery.
 Battery chargers, Method of and apparatus for controlling. C. Pfanstiehl. 1,645,720; Oct. 18.
 Bearing and making same. G. A. Shoemaker. 1,646,871; Oct. 18.
 Bearing, Cylinder. W. Evensen. 1,646,056; Oct. 18.
 Bearing for railway cars, Side. E. G. Jackson. 1,645,909; Oct. 18.
 Bearing, Railway-car side. L. Richardson. 1,645,871; Oct. 18.
 Bearings, Making cages for roller. M. T. Lothrop. 1,645,866; Oct. 18.
 Bed elevator, Invalid. E. H. Hutchins. 1,645,908; Oct. 18.
 Bed, Portable folding. A. M. Smith. 1,646,116; Oct. 18.
 Bell-ring machinery. G. H. Schleferstein. 1,645,822; Oct. 18.
 Bending press. D. Kondakjian. 1,645,865; Oct. 18.
 Berries, especially Thompson seedless raisin, Drying. T. W. W. Forrest. 1,645,895; Oct. 18.
 Binding post. J. J. Crosby. 1,645,854; Oct. 18.
 Bird cage. R. L. Tullis. Des. 73,677; Oct. 18.
 Bit: See—
 Drilling bit.
 Blade holder. H. C. Bolg. 1,645,685; Oct. 18.
 Blind or awning construction. W. E. Duncanson. 1,645,947; Oct. 18.
 Blue-printing machine. F. J. Trampour. 1,646,331; Oct. 18.
 Boiler installation, Steam. J. Kemnal. 1,645,955; Oct. 18.
 Boilers, Apparatus for use in preventing the incrustation of steam. J. F. Sanftleben. 1,645,973; Oct. 18.
 Boilers, Attachment for hot-water. S. C. Markatos. 1,646,098; Oct. 18.
 Bookmark. P. Horacek. 1,646,291; Oct. 18.
 Bottle and cream separator for use therewith, Milk. E. H. Turnell. 1,645,632; Oct. 18.
 Bottle-container closure. H. A. Sudds. 1,645,829; Oct. 18.
 Bottle container, Perfume. E. M. Prat. Des. 73,669; Oct. 18.
 Bottle, Fraudproof. A. Kelzer. 1,645,954; Oct. 18.
 Bow tie. A. Kimmel. 1,646,295; Oct. 18.
 Bowl, Sanitary toilet. C. L. Carpenter and W. E. Jaquith. 1,645,799; Oct. 18.
 Box: See—
 Match box.
 Shaft box.
 Box. G. W. Grant. 1,645,807; Oct. 18.
 Box. W. H. Joslin. 1,646,203; Oct. 18.
 Boxes, bottles, and like containers, Machine for taping or sealing. E. Berry. 1,645,734; Oct. 18.
 Brace: See—
 Motor brace.
 Bracket: See—
 Awning bracket.
 Brake: See—
 Four-wheel brake.
 Brake. M. W. McConkey. 1,646,035; Oct. 18.
 Brake. W. H. Tape. 1,645,975; Oct. 18.
 Brake-actuating mechanisms, Adjusting device for. G. W. Cook. 1,646,012; Oct. 18.
 Brake control, Automatic. R. L. Milton. 1,646,306; Oct. 18.
 Brake dressing. I. C. Barrows. 1,645,682; Oct. 18.
 Brake mechanism. H. A. Tuttle. 1,646,124; Oct. 18.
 Brake-operating connection. W. J. Andres. 1,645,846; Oct. 18.
 Bricks and the like, Transport means for. C. J. Weber. 1,645,783; Oct. 18.
 Bridges, Center lock for bascule. L. R. Ash. 1,646,340; Oct. 18.
 Broaching attachment. C. C. Hansen. 1,646,090; Oct. 18.
 Broom. J. M. Reid. 1,646,041; Oct. 18.
 Brushing apparatus for washing the human body. J. Pfeuffer. 1,645,926; Oct. 18.
 Buildings, Construction of. L. Lanza. 1,646,113; Oct. 18.
 Bumper, Automobile. H. Broock. 1,645,789; Oct. 18.
 Bumper construction. A. Welland. 1,645,562; Oct. 18.
 Bumper for vehicles, Extensible and contractible. A. E. Ebaugh. 1,646,055; Oct. 18.
 Bumper, Vehicle. C. A. Schmidt. 1,645,723; Oct. 18.
 Bumper, Vehicle. A. Welland. 1,645,561; Oct. 18.
 Bumper, Segmental spring. E. G. Dann. 1,645,589; Oct. 18.
 Burial slipper. E. Martin. Des. 73,664; Oct. 18.
 Burner: See—
 Oil burner.
 Burners, Automatic obturator for the supply pipe for. C. M. Stein. 1,645,550; Oct. 18.
 Button-blank-facing machine. N. Barry. 1,646,132; Oct. 18.
 Button clamp. R. L. Lyons. 1,645,537; Oct. 18.
 Button fastening. J. M. Clark. 1,646,053; Oct. 18.
 Cabinet, Kitchen. M. P. Leeda. 1,645,652; Oct. 18.
 Cabinet, Merchandise delivery. S. Esagro. 1,645,694; Oct. 18.
 Cabinet, Wall. J. A. Hoegger. 1,646,200; Oct. 18.
 Cable insulation, Submarine. A. R. Kemp. 1,645,758; Oct. 18.
 Cable-retaining shroud. E. W. McSheen. 1,646,207; Oct. 18.
 Camera, Aviation. G. H. Ohlau. 1,645,923; Oct. 18.
 Cameras, Spool holder for. J. Christie. 1,645,894; Oct. 18.
 Can: See—
 Cracker can.
 Car, Coke-quenching. A. H. Chalmers. 1,645,587; Oct. 18.

Car-control mechanism, Safety. J. M. Dapron. 1,645,690; Oct. 18.
 Car-door mechanism. W. E. Wine. 1,646,003; Oct. 18.
 Car-identifying means. S. K. Wood. 1,645,844; Oct. 18.
 Car, Railroad. A. E. Smith. 1,645,626; Oct. 18.
 Car roof. C. D. Bonnell. 1,645,851; Oct. 18.
 Cars, Auxiliary door for freight. E. Posson. 1,645,544; Oct. 18.
 Cars, Lock for railroad. W. Babekuhl. 1,646,181; Oct. 18.
 Cars, Rail brake for railway. T. Elliott. 1,645,741; Oct. 18.
 Cars, Resilient shackle for mine. J. F. O'Connor. 1,645,540; Oct. 18.
 Cars, Safety device for articulated. F. M. Brinckerhoff. 1,645,983; Oct. 18.
 Carburetor. A. Dickerson. 1,645,945; Oct. 18.
 Carburetor. B. D. Stevens. 1,646,043; Oct. 18.
 Card doffers, Vibrator for. R. W. Blumstead and R. S. Robertson. 1,645,794; Oct. 18.
 Carpet. A. Finlay. Des. 73,654; Oct. 18.
 Carpet and like fastening, Stair. C. E. Rose. 1,645,663; Oct. 18.
 Carrier. See—
 Luggage carrier.
 Cartridge-closing machine. W. de Garkovenko and M. Fighiera. 1,646,083; Oct. 18.
 Case. See—
 Key case.
 Caster. A. H. Tiedemann. 1,645,831; Oct. 18.
 Casting. C. Vaughan. 1,645,730; Oct. 18.
 Cavings, Device for preventing. J. W. McCulloch and R. E. Francis. 1,645,766; Oct. 18.
 Cementitious mixture, Apparatus for effecting a continuous preparation and delivery of a. O. E. Bornhauser and J. E. Herman. 1,645,518; Oct. 18.
 Chain hook opener and closer, Cross-. J. Chenoweth. 1,646,346; Oct. 18.
 Chassis support, Pneumatic. H. B. Stansbury. 1,645,826; Oct. 18.
 Check book. G. J. May. 1,646,033; Oct. 18.
 Chest. See—
 Pipe chest.
 Chest protector. J. McCarthy. 1,645,995; Oct. 18.
 Chilling and aerating fluids and a device for carrying out said process. T. A. Fee, Jr., and H. Lamb. 1,645,742; Oct. 18.
 Chromium plating. H. C. Pierce. 1,645,927; Oct. 18.
 Cigar and cigarette holder. H. L. Shuler. 1,646,320; Oct. 18.
 Cigar lighter. J. Dinhofer. 1,646,276; Oct. 18.
 Cigar lighter. H. Esterow. 1,646,085; Oct. 18.
 Cigarette holder. King. A. E. Sharples. 1,645,877; Oct. 18.
 Cinematographic apparatus adapted for the continuous travel of the film. C. Baradat. 1,646,341; Oct. 18.
 Circuit arrangement for high-frequency sending stations. M. Osnos. 1,645,542; Oct. 18.
 Circuit-closing device. G. H. Willey. 1,645,978; Oct. 18.
 Clamp. See—
 Button clamp.
 Clamp. H. J. Muehleman. 1,646,255; Oct. 18.
 Clamp. A. C. Patch. 1,645,621; Oct. 18.
 Cleaner. See—
 Windshield cleaner.
 Cleaning device. J. E. Twitchell. 1,646,176; Oct. 18.
 Cleaning port. Self. W. B. Hodge. 1,645,700; Oct. 18.
 Clevis. A. H. Neilson. 1,645,714; Oct. 18.
 Closure member. P. J. Kroll. 1,646,154; Oct. 18.
 Cloth-cutting machine. D. S. Malmirn. 1,646,031; Oct. 18.
 Clutch. Friction. C. A. Stickney. 1,645,780; Oct. 18.
 Clutch mechanism. H. A. Tuttle. 1,646,125; Oct. 18.
 Coat. D. Caprarola. 1,646,274; Oct. 18.
 Cock holder, Angle. S. H. Campbell. 1,645,689; Oct. 18.
 Cocktail shaker. J. Gonzalez. Des. 73,656; Oct. 18.
 Coconut-shelling machine. J. F. Kohler. 1,645,600; Oct. 18.
 Coin-freed apparatus. H. J. Dolman. 1,646,277; Oct. 18.
 Collar and making the same. G. J. Dormandy. 1,646,192; Oct. 18.
 Communiting material, Apparatus for. C. H. Birch. 1,646,184; Oct. 18.
 Commode. P. J. Pieretti. 1,646,257; Oct. 18.
 Compressors, Apparatus for unloading. W. H. Callan. 1,645,798; Oct. 18.
 Concrete blocks, Sectional mold for making. C. E. Sanson. 1,645,776; Oct. 18.
 Condenser, Cotton. J. A. Taft. 1,645,630; Oct. 18.
 Condenser, Variable. W. Dubiller. 1,646,236; Oct. 18.
 Condiment holder. W. P. Smith. 1,646,322; Oct. 18.
 Cone-pulley lubricator. P. B. Reeves. 1,646,370; Oct. 18.
 Connector, Extension. P. Lauter. 1,645,957; Oct. 18.
 Connecting rods and for other parts of machinery, Bearing for. G. W. McKale. 1,646,302; Oct. 18.
 Container and dispenser, Combined. R. B. Pillsbury. 1,645,771; Oct. 18.
 Container, Dinner-pail. C. C. Hoffman. 1,646,147; Oct. 18.
 Container, Pick. A. Miele. 1,645,918; Oct. 18.
 Container, Portable. C. Hinde. 1,645,992; Oct. 18.
 Conveyor, Leer. P. Q. Williams. 1,646,047; Oct. 18.
 Core-making machine, Dry-cell. C. S. Affholder. 1,645,878; Oct. 18.
 Cork ribbon and making the same. H. F. Busch. 1,646,187; Oct. 18.
 Corn-crib construction. E. B. Nelson. 1,646,308; Oct. 18.
 Corn harvesting and husking machine. A. C. Beckman. 1,646,004; Oct. 18.
 Corn pickers, Motor attachment for. G. Puck. 1,645,868; Oct. 18.
 Cotton-dustling machine. W. H. Thompson. 1,646,224; Oct. 18.
 Cotton gin, Compound vacuum. J. F. Levering. 1,646,060; Oct. 18.
 Coupling and change-speed gear, Hydraulic. S. G. Wingquist. 1,645,565; Oct. 18.
 Cracker can. A. Pittelkow. 1,645,772; Oct. 18.
 Crane, Turntable. B. F. Fitch. 1,645,744; Oct. 18.
 Crank shaft, Balanced. J. A. Oldson. 1,645,717-8; Oct. 18.
 Crate, Collapsible. C. Flagstad. 1,646,284; Oct. 18.
 Crude-oil motor, High-pressure. E. Schaeren. 1,646,042; Oct. 18.
 Cuff, Detachable. W. D. Torme. 1,645,833; Oct. 18.
 Cuff link. C. W. Heasley. 1,645,907; Oct. 18.
 Cultivator. P. Hennes. 1,646,024; Oct. 18.
 Cultivator. Sled-lister. J. M. Burkhalter. 1,646,007; Oct. 18.
 Cup. See—
 Lubricant-exPELLING cup. Oil cup.
 Curtain rod. J. H. Boye. 1,646,049; Oct. 18.
 Curtain-rod holder. O. Reinhardt. 1,646,360; Oct. 18.
 Curtain rod or similar article. F. J. Whincap. Des. 73,679-80; Oct. 18.
 Cutter. See—
 Lacing cutter.
 Cylindrical formations or hollow bodies from veneer or thin sheet wood, Method of and apparatus for producing. G. Schlesinger. 1,645,936; Oct. 18.
 Dam and headgate. D. C. McCandless. 1,645,913; Oct. 18.
 Damper regulator, Temperature. H. A. Thrush. 1,645,886; Oct. 18.
 Dentifrice. R. H. Brownlee. 1,645,791-3; Oct. 18.
 Dentifrice. R. H. Brownlee. 1,645,852; Oct. 18.
 Depth indicator. C. H. Page. 1,646,311; Oct. 18.
 Derrick. F. D. Bearly. 1,645,980; Oct. 18.
 Derrick, Hoisting. W. O. Bechman and F. G. Knudsen. 1,646,133; Oct. 18.
 Designs, Forming. O. W. Judkins. 1,645,534; Oct. 18.
 Desk and table, Combination. S. L. Murray. 1,645,769; Oct. 18.
 Diaphragm. L. Schmidt. 1,646,261; Oct. 18.
 Diaphragm structure. H. J. Waddell. 1,646,376; Oct. 18.
 Dimmer. H. K. Lorenzen. 1,645,654; Oct. 18.
 Dinner plate or similar article, Decalcomania strip for. H. Habermann. Des. 73,657; Oct. 18.
 Direction finding and indicating system. F. A. Hubbard. 1,645,810; Oct. 18.
 Direction indicator. G. E. Metherd. 1,646,159; Oct. 18.
 Dish drier. A. G. Andrews. 1,646,179; Oct. 18.
 Dish or similar article. G. N. Allen. Des. 73,634; Oct. 18.
 Dishwashing apparatus. J. Fassio. 1,646,142; Oct. 18.
 Dishwashing machine. H. Cave. 1,646,052; Oct. 18.
 Dishwashing machine. E. Gilbertson. 1,645,749; Oct. 18.
 Dispensing device. H. A. Perry and J. Millnare. 1,646,313; Oct. 18.
 Display card, price ticket, and the like. W. H. Smedley. 1,646,263; Oct. 18.
 Display stand. W. F. Meyers. 1,646,305; Oct. 18.
 Diving sinker for deep-sea angling. C. B. Sanford. 1,645,874; Oct. 18.
 Dolly or the like, Table. A. L. Ejik. Des. 73,650; Oct. 18.
 Doll, Stuffed. S. A. Kelchner. Des. 73,659; Oct. 18.
 Door-operating mechanism. M. Johnson and P. C. Holmg. 1,646,025; Oct. 18.
 Door structure, Furnace. A. S. McCleave. 1,645,764; Oct. 18.
 Doors, gates, etc., Bolt for. D. Booth. 1,646,136; Oct. 18.
 Doors, Making wooden. J. C. De Penning. 1,645,692; Oct. 18.
 Draft controller, Hydraulic. W. L. Morris. 1,645,713; Oct. 18.
 Draft evener. F. F. Wulf. 1,645,569; Oct. 18.
 Drawer pull. E. Burton. Des. 73,640; Oct. 18.
 Drawing or drafting mechanism for drawing or drafting cotton and other fibrous material. W. B. Walton. 1,645,733; Oct. 18.
 Drier. See—
 Dish drier.
 Drier. F. C. Chapman. 1,645,738; Oct. 18.
 Drier. J. Roberts. 1,646,259; Oct. 18.
 Drier. W. Stricker. 1,646,223; Oct. 18.
 Drier and cleaner, Grain. J. H. Woodward. 1,645,568; Oct. 18.
 Drier or dehydrating plant. F. F. Knipschild. 1,645,760; Oct. 18.
 Drill holder. R. M. Galloway. W. F. Boekhoff, and J. M. Meloy. 1,645,948; Oct. 18.
 Drilling bit. W. W. Mills. 1,645,962; Oct. 18.
 Drills, Mud guard for submarine. C. C. Hansen. 1,645,989; Oct. 18.

Dust-feed mechanism, Coal. E. S. Salyards. 1,645,932; Oct. 18.
 Dustpan. W. P. Fries. 1,645,806; Oct. 18.
 Dyeing on the fiber, Fast. T. Kirchseisen. 1,646,296; Oct. 18.
 Dyeings, Production of fast. F. Peterhauser. 1,645,925; Oct. 18.
 Elbows, Guide for cutting. C. H. Wagner. 1,646,129; Oct. 18.
 Electric calling device. A. W. Whistlecroft. 1,645,563; Oct. 18.
 Electric control system, Selective. S. Olson. 1,645,619; Oct. 18.
 Electric currents, Crystal detector of. H. M. Dowsett. 1,645,523; Oct. 18.
 Electric furnace. F. A. J. Fitz Gerald. 1,646,058; Oct. 18.
 Electric furnace. J. A. Seede. 1,646,221; Oct. 18.
 Electric furnace, High-frequency. F. Gerth. 1,645,526; Oct. 18.
 Electric machine, Dynamo-. M. L. Norris. 1,646,211; Oct. 18.
 Electric oscillations, Arrangement for generating. O. Von Bronk. 1,645,557; Oct. 18.
 Electric plug. T. W. Kirkman. 1,645,650; Oct. 18.
 Electric safety apparatus. J. D. Lewis and A. Pinto. 1,646,028; Oct. 18.
 Electric switch. D. D. Gordon. 1,645,528; Oct. 18.
 Electric thermostat casing. A. P. Myer. Des. 73,667; Oct. 18.
 Electrical connector. G. J. Meuer. 1,646,037; Oct. 18.
 Electrical devices, Strain relief for the terminal connections of. W. W. Miller. 1,646,038; Oct. 18.
 Electrical regulating system. F. W. Springer. 1,645,724; Oct. 18.
 Electromagnetic apparatus. F. G. Creed. 1,646,234; Oct. 18.
 Electromagnetic driver. C. A. Brigham and W. H. Gerns. 1,645,583; Oct. 18.
 Electromagnetic relay. D. C. Crowe. 1,645,897; Oct. 18.
 Electromagnetic switch. D. L. Lindquist, E. L. Dunn, and D. C. Larson. 1,646,020; Oct. 18.
 Electron-discharge device. P. Gavlin. 1,645,904; Oct. 18.
 Electroresponsive device. P. M. Conrad. 1,646,233; Oct. 18.
 Elevating and distributing material, Apparatus for. J. E. Bushnell. 1,645,942; Oct. 18.
 Elevator. See—
 Bed elevator. Portable elevator.
 Elevator indicator. R. E. Haas. 1,645,949; Oct. 18.
 Elevators, conveyors, and like apparatus, Safety device for a. Telchmann. 1,645,883; Oct. 18.
 Engine. See—
 Internal-combustion engine.
 Engine. A. L. Powell. 1,646,110; Oct. 18.
 Engine driven machines, Gradually speeding up. S. E. Allen. 1,645,979; Oct. 18.
 Engine with rotating cylinders arranged radially. B. Bischof. 1,646,185; Oct. 18.
 Engines, Attachment for gas. P. F. Siegmann. 1,646,321; Oct. 18.
 Engines, Circulating system for internal combustion. E. H. Smith. 1,646,070; Oct. 18.
 Engines, Fuel feeding system for internal-combustion. H. Van Deventer. 1,645,836; Oct. 18.
 Engines, Valve gear for power. H. Becker. 1,645,574; Oct. 18.
 Engines with scavenging ports, Cylinder for two stroke internal-combustion. H. Becker. 1,645,575; Oct. 18.
 Envelope folding and sealing device. O. Widmaier. 1,645,842; Oct. 18.
 Exhaust silencer. J. Ernst. 1,646,283; Oct. 18.
 Eyeglass construction. G. E. Nerner. 1,645,658; Oct. 18.
 Fabric. C. B. Hayes. 1,645,858; Oct. 18.
 Fabric or similar article, Woven. L. Bluhm. Des. 73,638-9; Oct. 18.
 Facet cutting machine. W. Augenstein. 1,646,375; Oct. 18.
 Fan housing construction. C. E. Scott. 1,646,319; Oct. 18.
 Fastener. F. S. Carr. 1,646,345; Oct. 18.
 Fastener. R. E. Frey. 1,646,285; Oct. 18.
 Feeding device. E. B. Berkowitz. 1,646,230; Oct. 18.
 Feeding machine. W. E. Taylor and Z. Hoffman. 1,645,555; Oct. 18.
 Fence panel, Portable. J. W. Hudnall. 1,646,293; Oct. 18.
 Fencepost. B. W. Touchstone. 1,646,300; Oct. 18.
 Ferrophosphorous, Manufacture of. J. Warner. 1,646,268; Oct. 18.
 Fibrous materials, Method and apparatus for treating. T. L. Dunbar. 1,646,084; Oct. 18.
 Fibrous vegetable material, Treating. R. Forsyth. 1,646,087; Oct. 18.
 Files, Making. E. Coenen. 1,645,895; Oct. 18.
 Filter unit, Renewable. E. J. Sweetland and G. H. Greenhalgh. 1,646,377-8; Oct. 18.
 Filter, Water. M. C. Meyers. 1,645,712; Oct. 18.
 Firearms, Electric target practice apparatus for. E. H. Strong. 1,645,881; Oct. 18.
 Fire extinguisher. C. B. White. 1,646,226; Oct. 18.
 Fire extinguisher mounting. O. D. Buell and H. J. Miller. 1,645,584; Oct. 18.
 Fire extinguishing solutions, Revivifying. C. B. White. 1,646,046; Oct. 18.
 Fireplace construction. W. A. Moffat. 1,646,307; Oct. 18.
 Fireplaces, Air heating system for. J. M. Cesa. 1,645,586; Oct. 18.
 Fishing rods, Manufacture of split bamboo. L. J. Lane. 1,645,812; Oct. 18.
 Flagpole. J. E. Davis. 1,645,645; Oct. 18.
 Flagpoles, Protective housing for attachment to. J. E. Davis. 1,645,691; Oct. 18.
 Flag protector. J. E. Davis. 1,646,015; Oct. 18.
 Floor and insect trap. A. S. Northrup. 1,645,715; Oct. 18.
 Floor grid. A. S. Macdonald. 1,645,538; Oct. 18.
 Floor structure, Composite. P. H. Bevier. 1,646,183; Oct. 18.
 Flooring and similar purposes, Metal and concrete structure for. B. A. Prince. 1,645,622; Oct. 18.
 Flotation machine. F. De Mier. 1,646,351; Oct. 18.
 Flotation method and apparatus. D. L. Forrester. 1,646,019; Oct. 18.
 Flour mill. D. S. Anthony. 1,645,847; Oct. 18.
 Flower holder. A. J. Bennett. 1,645,577; Oct. 18.
 Fluid-feed apparatus. J. D. Brady. 1,645,686; Oct. 18.
 Fluid motor, Expandible. J. J. Le Duc. 1,645,761; Oct. 18.
 Fly screen. P. S. Ross. 1,645,775; Oct. 18.
 Foldable table. A. Thiede. 1,646,175; Oct. 18.
 Food compound. H. F. Zoller. 1,645,786; Oct. 18.
 Food compound and making same. H. F. Zoller. 1,646,228; Oct. 18.
 Food, especially eggs, Shipping of. J. Lawler. 1,645,813; Oct. 18.
 Food material, Supplemental poultry. W. H. Lapp. 1,645,703; Oct. 18.
 Football linesman's apparatus. J. J. Lipp. 1,645,707; Oct. 18.
 Forage mill. H. J. Olson. 1,645,770; Oct. 18.
 Fountain for livestock, Drinking. J. B. Hawkins. 1,646,245; Oct. 18.
 Four-wheel brake. A. C. Woodruff. 1,646,335; Oct. 18.
 Frame. See—
 Locomotive frame.
 Frame and mounting. E. R. Johnson. 1,645,862; Oct. 18.
 Freezing mechanism. F. Tyson. 1,645,782; Oct. 18.
 Fuel, Apparatus for the manufacture of carbonized. S. R. Illingworth. 1,645,861; Oct. 18.
 Fuel-burning furnace, Finely-divided. H. Kreisinger. 1,645,651; Oct. 18.
 Fur stretcher. N. Miller. 1,645,961; Oct. 18.
 Furnace. See—
 Electric furnace. Fuel-burning furnace.
 Furnace. A. N. Otis. 1,646,213; Oct. 18.
 Furnaces, Air-draft system for. J. Reid. 1,646,111; Oct. 18.
 Furnaces, Automatic regulating apparatus for electric. E. Wirz. 1,646,048; Oct. 18.
 Furnaces, Feed-chute plate for hot-air. J. C. Mobley. 1,646,209; Oct. 18.
 Furniture, Combination article of. J. Beck. 1,645,683; Oct. 18.
 Fuse. E. L. Ogle. 1,645,541; Oct. 18.
 Game device. T. J. Junker. 1,646,095; Oct. 18.
 Gas appliances, Safety cock for. M. J. Clarke. 1,645,985; Oct. 18.
 Gaseous mixtures, Apparatus for ascertaining the composition of. H. Heinicke. 1,646,247; Oct. 18.
 Gas generators and other furnaces, Self-scraping hearth for. L. Tréfois. 1,645,671; Oct. 18.
 Gasoline clarifier. C. L. Ostrander. 1,646,102; Oct. 18.
 Gasoline-consumption tester. J. E. Powell. 1,645,774; Oct. 18.
 Gasoline from mineral oil, Apparatus for completely separating. A. E. Pew, Jr., and H. Thomas. 1,645,969; Oct. 18.
 Gasoline station, Home. E. E. Hassler. 1,645,594; Oct. 18.
 Gate. See—
 Regulating gate.
 Gauge. See—
 Liquid gauge. Mold-liner gauge. Shingling gauge.
 Gear. J. T. Wilkin. 1,646,374; Oct. 18.
 Gear key-retaining means, Draft. K. F. Nystrom. 1,645,817; Oct. 18.
 Gear, Nonmetallic. E. J. Guay and C. W. Mansur. 1,646,242; Oct. 18.
 Gear-shift lock. J. Witte. 1,646,076; Oct. 18.
 Gear-wheel holder. T. K. Stevenson. 1,645,669; Oct. 18.
 Gearing for oil-well rigs. W. F. Roschke. 1,645,623; Oct. 18.
 Gearing, Reversing. H. A. Tuttle. 1,646,126-7; Oct. 18.
 Gels, Preparing a base exchange material from. F. K. Lindsay. 1,646,297; Oct. 18.
 Generator. See—
 Acetylene generator.
 Glass. See—
 Reinforced glass.
 Glass, Apparatus for making laminated. E. S. Bock. 1,645,580; Oct. 18.
 Glass plate for a mirror or the like. W. La Hodny. Des. 73,660; Oct. 18.
 Glassware, Method and apparatus for manufacturing. W. E. Bock. 1,645,684; Oct. 18.
 Glass-working apparatus, Gathering means for. A. Kadow. 1,645,755; Oct. 18.

Gold separator. S. Niles. 1,646,309; Oct. 18.
Grade-crossing-protecting system. P. A. Bowen. 1,645,512; Oct. 18.
Grading and scraping machine. Road. J. W. Lehmkuhler. 1,646,156; Oct. 18.
Gramophone. E. L. Rankin. 1,646,316; Oct. 18.
Grate bar and support. A. E. Binder. 1,645,735; Oct. 18.
Grease package. L. W. Stevens. 1,646,264; Oct. 18.
Grease tube for facial make-up. P. (called) G. Baquay. 1,646,005; Oct. 18.
Greenhouse-bar painter. R. S. Thompson. 1,645,976; Oct. 18.
Gummed-tape-serving machine. W. A. Uttz, sr. Re16,774; Oct. 18.
Gun. Lubricating. D. L. Conklin. 1,646,081; Oct. 18.
Hair waver. R. F. Minty. 1,646,162; Oct. 18.
Hair waver. M. C. Steichen. 1,646,173; Oct. 18.
Halogen. Substituting. K. Schölkopf. 1,645,974; Oct. 18.
Hammers. Tool retainer for pneumatic. M. Strunack. 1,646,120; Oct. 18.
Hanger. See—
Radiator hanger. Tank hanger.
Spring hanger.
Hardness-testing machine and method of testing hardness. H. M. German. 1,646,195; Oct. 18.
Harrows. Tilting apparatus for. C. D. Brackelsberg. 1,646,273; Oct. 18.
Harrows. Weeding attachment for land. J. Sandhoff. 1,645,933; Oct. 18.
Hat and neck protector. L. Farkas. 1,646,193; Oct. 18.
Hatband. M. Kreh. 1,646,153; Oct. 18.
Hat-sizing machine. G. S. Boesch. 1,645,581; Oct. 18.
Header reel. J. C. Elchberger. 1,645,856; Oct. 18.
Headlight. Movable. E. B. Sugg. 1,646,326; Oct. 18.
Heat interchanger. W. B. Croan. 1,645,801; Oct. 18.
Heater. See—
Orchard heater. Water heater.
Heater. W. Kennedy. 1,646,026; Oct. 18.
Heating apparatus. Steam. F. J. Douglass. 1,645,522; Oct. 18.
Heating unit. Electric. W. B. Louthan. 1,645,867; Oct. 18.
Heel-attaching apparatus. Shoe. S. Gubitosi. 1,645,809; Oct. 18.
Heel-building machine. E. E. Winkley. 1,645,567; Oct. 18.
Heel-building machine. Lift magazine for. L. A. Holman. 1,645,531; Oct. 18.
Heel-turning machine. Wood. D. O. Marshall. 1,646,205; Oct. 18.
Helmet or head guard. B. E. Bates. 1,646,272; Oct. 18.
Hinge. Door. A. E. Titus. 1,645,977; Oct. 18.
Hinge. for suitcases or the like. Adjustable. F. C. Gadsby. 1,646,286; Oct. 18.
Hitch. C. A. Barry. 1,646,342; Oct. 18.
Hobbling machine. K. L. Herrmann. 1,645,596; Oct. 18.
Holt. Air. W. E. Simpson. 1,645,665; Oct. 18.
Hook-and-eye tape. D. Silberman. 1,645,548; Oct. 18.
Horse collars. Cap for. M. H. Brown. 1,646,051; Oct. 18.
Hose nozzles. Spray attachment for. R. Miller. 1,645,814; Oct. 18.
Humidifier. T. D. Ulrich. 1,646,329; Oct. 18.
Hydrocarbons. Thermal decomposition of. G. O. Curme, jr. 1,646,349; Oct. 18.
Hydrocarbons. Treating. R. de M. Taveau. 1,645,553; Oct. 18.
Ice-cream cutting and coating machine. Automatic. W. E. Urschel. 1,645,835; Oct. 18.
Impeller blower. High-speed lobed. J. T. Wilkin. 1,646,373; Oct. 18.
Incinerator. E. Kener, jr. 1,645,863; Oct. 18.
Index. W. F. Johnston. 1,645,598; Oct. 18.
Index. memorandum and reference equipment. G. P. Butler. 1,646,008; Oct. 18.
Indicator. See—
Depth indicator. Elevator indicator.
Direction indicator.
Indicator. W. F. Dittman. 1,645,513; Oct. 18.
Indicator. J. S. Gullborg. 1,645,699; Oct. 18.
Indicators. Attachment for automobile. H. W. Weathers. 1,645,634; Oct. 18.
Inductance unit. C. A. Birch-Field. 1,645,511; Oct. 18.
Innersole-forming machine. H. A. Ballard. 1,645,515; Oct. 18.
Insecticide emulsion. P. R. Jones. 1,646,149; Oct. 18.
Instrument support. A. F. Pieper. 1,645,660; Oct. 18.
Insulated conductor terminal. E. A. Mau. 1,645,539; Oct. 18.
Internal-combustion engine. E. R. Burnett. 1,645,795-7; Oct. 18.
Internal-combustion engine. E. Herkt. 1,645,595; Oct. 18.
Internal-combustion engine. T. A. Hutsell. 1,645,647; Oct. 18.
Internal-combustion engine. W. V. B. Marquette. 1,645,959; Oct. 18.
Internal-combustion engine. A. J. Patch. 1,645,543; Oct. 18.

Iron. See—
Soldering iron.
Iron from its oxide ores. Making sponge. W. W. Percy. 1,645,968; Oct. 18.
Jar. A. C. Crimmel. Des. 73,643; Oct. 18.
Jelly base containing pectin and sugar and making same. Dry-powdered. H. T. Leo. 1,646,157; Oct. 18.
Jetty. W. Pringle. 1,646,168; Oct. 18.
Joint. See—
Pipe joint.
Rail joint.
Joint strips. Reenforcing and the like band for expansion. A. C. Fischer. 1,645,743; Oct. 18.
Joining machine. Stave. R. Mills. 1,645,920; Oct. 18.
Journal-box structure. P. J. McCullough. 1,646,036; Oct. 18.
Journal lubricator. A. J. Posselt. 1,646,109; Oct. 18.
Key case. Combination. C. Lorber. 1,645,709; Oct. 18.
Kiln. Tunnel. C. Dressler. 1,646,279; Oct. 18.
Kiln. Tunnel. P. A. Meehan. 1,646,208; Oct. 18.
Kiln. Tunnel. P. A. Meehan. 1,646,254; Oct. 18.
Knife. Tire-repair. J. M. Newton. 1,646,166; Oct. 18.
Lacing cutter. G. A. Dostal. 1,646,141; Oct. 18.
Ladder and platform support. H. E. Skeels. 1,645,879; Oct. 18.
Lamp and globe. Combination. R. F. Mathews. Des. 73,665; Oct. 18.
Lamp. Arc. M. L. Patterson. 1,645,960; Oct. 18.
Lamp canopy. A. R. Solomon. Des. 73,675; Oct. 18.
Lamp. Floor. M. Block. Des. 73,636-7; Oct. 18.
Lamp socket. Electric. W. He. 1,645,860; Oct. 18.
Lamp stand and ash tray. Combined. C. B. Namlot. Des. 73,668; Oct. 18.
Lamp stem. A. Goldberg. Des. 73,655; Oct. 18.
Lamp. Table. R. F. Mathews. Des. 73,666; Oct. 18.
Lamp. Vehicle tail. L. V. Houghton. 1,646,094; Oct. 18.
Lantern. Switchman's. H. C. Sylvester. 1,646,328; Oct. 18.
Latch. P. J. Belliz. 1,646,343; Oct. 18.
Latch. Door. D. Bell. 1,645,849; Oct. 18.
Latch. Reversible. A. F. Winters and B. R. Crampton. 1,646,076; Oct. 18.
Lathe. Veneer. J. G. Sjöström. 1,646,115; Oct. 18.
Laundry apparatus. E. J. Perry and F. S. Boltz. 1,645,998; Oct. 18.
Leather. Treating. T. Blackadder. 1,645,642; Oct. 18.
Lever lock. Gear-shift. J. Witte. 1,646,077; Oct. 18.
Light aperture. Narrow. C. A. Hoxie. 1,646,249; Oct. 18.
Light-holding means. Adjustable. D. D. Gordon and W. Lindsay. 1,645,527; Oct. 18.
Light rays upon light-sensitive elements. Directing. C. W. Hough. 1,646,292; Oct. 18.
Lighting fixture bracket. H. Shardlow. Des. 73,674; Oct. 18.
Lighting fixtures. Bridge arm for. H. Abrams. Des. 73,633; Oct. 18.
Lighting system. Street. W. Van Alen. 1,646,045; Oct. 18.
Limit switch. C. H. Beckwith. 1,646,080; Oct. 18.
Line tightener. M. A. Alfano and S. Bohenek. 1,646,336; Oct. 18.
Link. Detachable. T. C. Black. 1,646,135; Oct. 18.
Lip-stick holder. A. H. Noble. 1,646,357-8; Oct. 18.
Liquid dispenser and applicator. R. Stewart. 1,646,324; Oct. 18.
Liquid-dispensing apparatus. O. Sekinger. 1,645,545; Oct. 18.
Liquid-feeding device. V. A. Searles. 1,646,069; Oct. 18.
Liquid fuels. Manufacture of. M. Müller-Cunradi and W. Wilke. 1,646,014; Oct. 18.
Liquid gauge. E. A. Rein. 1,646,317; Oct. 18.
Liquid-level gauge. C. M. Cole and W. S. Adams. 1,645,800; Oct. 18.
Lobelia. Obtaining the active principle of. H. Wiedand. Re16,772; Oct. 18.
Load moving and raising and lowering means. D. M. Stevenson. 1,646,119; Oct. 18.
Loading coal. Method and machine for. N. D. Levin. 1,645,653; Oct. 18.
Loading system. R. P. Greenleaf. 1,646,197; Oct. 18.
Lock. See—
Automobile lock. Nut lock.
Gear-shift lock. Tile lock.
Lever lock. Vault lock.
Lock. O. Billingsley. 1,645,579; Oct. 18.
Lock. A. Maszczyk. 1,645,917; Oct. 18.
Lock. B. D. Raines and O. Billingsley. 1,646,216; Oct. 18.
Lock-nut-fastening installation. F. S. Carr. 1,646,368; Oct. 18.
Locomotive-driving-box wedge-adjusting device. F. R. Peters. 1,645,659; Oct. 18.
Locomotive driving mechanism. L. L. Neebe. 1,646,210; Oct. 18.
Locomotive frame. A. W. Bruce. 1,645,687; Oct. 18.
Loom harness. I. Andrews. 1,645,571-2; Oct. 18.
Lubricator. See—
Cone-pulley lubricator. Journal lubricator.
Lubricant compressor. E. W. Davis. 1,645,898; Oct. 18.
Lubricant compressor. O. U. Zerk. 1,645,890; Oct. 18.
Lubricant-dispensing apparatus. O. Zerk. 1,645,888; Oct. 18.
Lubricant-expelling cup. P. H. Fuller. 1,645,902; Oct. 18.
Lubricant receptacle. D. F. Fesler. 1,645,901; Oct. 18.

Lubricating mechanism. J. L. Force. 1,346,018; Oct. 18.
Lubrication system. Automatic. E. R. Pillars. 1,645,661; Oct. 18.
Luggage carrier. Motor-vehicle. T. W. Moore. 1,646,163; Oct. 18.
Machine and making box-toe blanks. W. H. Albee. 1,645,845; Oct. 18.
Machine for cleaning, opening, and combing cotton, cotton waste, and like materials. J. Forkin. 1,645,745; Oct. 18.
Machine for linking sausages. O. G. Mayer. 1,645,610; Oct. 18.
Magnetically-operated signal. W. S. Smith. 1,645,628; Oct. 18.
Mail-box post. G. J. Obermeyer, jr. 1,646,064; Oct. 18.
Mail-box support. J. Morten, jr. 1,645,768; Oct. 18.
Mandrel. Dental. R. H. Taylor. 1,646,330; Oct. 18.
Mandrel press. J. G. Collins. 1,645,521; Oct. 18.
Match book and method of making. J. M. Alter. 1,646,229; Oct. 18.
Match box. C. B. Martin. 1,646,300; Oct. 18.
Matrix-composing and line-casting machine. Transferring the matrices from the first elevator to the second elevator of a C. Muchleisen. 1,645,615-16; Oct. 18.
Measured charges. Method of and apparatus for delivering. H. F. Shepherd. 1,645,547; Oct. 18.
Measuring device. D. J. Cronk. 1,646,275; Oct. 18.
Measuring system. Flow. E. Roucka. 1,645,624; Oct. 18.
Meat tenderer. J. P. Spang. 1,646,071; Oct. 18.
Metal. Removing deposit, scale, or incrustations from. G. Ritsche. 1,645,664; Oct. 18.
Metallic sheets and the like. Leveling apparatus for. G. A. Wise. 1,645,637; Oct. 18.
Mill. See—
Flour mill. Forage mill.
Milk and for indicating the boiling of the milk. Device for preventing boiling over of. A. Eckstein. 1,646,017; Oct. 18.
Mineral aggregates consisting of trap rock, lime stones, sandstones, and types of shale rocks. Hardening and toughening broken. J. H. Ames. 1,645,891; Oct. 18.
Mineral oil. Refining. T. Heithaler. 1,645,530; Oct. 18.
Mirror support. J. F. Whitehead. 1,646,379; Oct. 18.
Mixing apparatus. Small batch. H. Levy. 1,645,912; Oct. 18.
Mixing. chocolate and similar substances. Vessel for. H. W. Hickley. 1,645,990; Oct. 18.
Molasses. Deastring. G. L. Spencer. 1,646,323; Oct. 18.
Mold. C. Vaughan. 1,645,725-29; Oct. 18.
Mold. C. Vaughan. 1,645,731-2; Oct. 18.
Mold-line gauge. C. E. Syler. 1,646,327; Oct. 18.
Molds. Clamping device for. C. J. E. Maxwell. 1,645,609; Oct. 18.
Molding composition containing orthocresol-aldehyde resin binder and making same. Cold. C. Ellis. 1,645,693; Oct. 18.
Monogram plates. Device for holding. R. E. Miller. 1,645,919; Oct. 18.
Map construction. Wringer. W. J. Barber. 1,645,681; Oct. 18.
Motor. See—
Crude-oil motor. Wind motor.
Fluid motor.
Motor brace. A. W. McLaughlin. 1,646,062; Oct. 18.
Motor controller. E. W. Seeger. 1,646,171; Oct. 18.
Motor-disconnecting means. O. Wittel. 1,645,887; Oct. 18.
Motor mounting. E. Q. Banna. 1,645,680; Oct. 18.
Motors. Control of polyphase electric. P. H. Stevens. 1,645,827; Oct. 18.
Motors. Temperature control for internal-combustion. A. H. Allerhellgen, C. Erichsen, and L. F. Crain. 1,646,338; Oct. 18.
Mowing machines. Cutter guard for. S. E. Lyle. 1,645,608; Oct. 18.
Muffer and sanding device. F. H. Walte. 1,646,130; Oct. 18.
Multiplying records. W. Ritzerfeld. 1,645,930; Oct. 18.
Music turner. F. M. Elvey. 1,646,353; Oct. 18.
Musical instrument. W. J. Hebs and J. Hultgreen. 1,646,059; Oct. 18.
Musical instruments. Bow for stringed. J. Stadnicsek. 1,646,118; Oct. 18.
Musical instruments. Electrical attachment for. A. M. Lifshitz. 1,646,061; Oct. 18.
Musical instruments. Expression mechanism for mechanical. H. E. Tower. 1,646,001; Oct. 18.
Musical instruments. Support for. W. Naujoks and E. E. McLaughlin. 1,646,165; Oct. 18.
Nail. Plasterer's. G. F. Volght. 1,645,674; Oct. 18.
Nail stripper. C. F. Smith. 1,645,938; Oct. 18.
Napkin dispenser. F. W. Thorp. 1,646,121; Oct. 18.
Neckbands. Stiffening reinforcement for shirt. J. A. Curra. 1,645,946; Oct. 18.
Needle mechanism. W. Hueller. 1,645,532; Oct. 18.
Nipple and the like. Lubricant-feeding. O. Zerk. 1,645,889; Oct. 18.
Nipples. Lock clip for. F. S. Moore. 1,645,963; Oct. 18.
Nipples. Machine for gumming the edges of. P. A. Raiche, T. B. Dowling, and T. J. Brides. 1,646,359; Oct. 18.
Nut and screw fastening. F. S. Carr. 1,646,367; Oct. 18.

Nut-castellating machine. C. H. Shrope. 1,646,222; Oct. 18.
Nut fastening. F. S. Carr. 1,646,366; Oct. 18.
Nut lock. M. C. White. 1,645,840; Oct. 18.
Nuts and bolts. Treating threaded surfaces of. R. M. Evans. 1,645,740; Oct. 18.
Oil burner. P. H. Ryder and C. W. Moore. 1,645,546; Oct. 18.
Oil burner. H. R. Walker. 1,645,559; Oct. 18.
Oil burner. Crude. G. L. Barnes. 1,645,787; Oct. 18.
Oil cup. W. Greason. 1,646,196; Oct. 18.
Oil-purifying device. T. J. Little, jr. 1,646,298; Oct. 18.
Oils. Treating hydrocarbon. R. C. Holmes, F. T. Manley, and O. Behimer. 1,646,380; Oct. 18.
1-aminonaphthalene-8-carboxylic acid. Manufacturing. R. Herz and F. Schulte. 1,646,290; Oct. 18.
Orchard heater. B. V. Witt and C. O. Nelson. 1,645,677; Oct. 18.
Ore-sampling machine. S. Mason. 1,646,032; Oct. 18.
Organic compounds. Making halogen derivatives of aromatic. J. H. Crowell. 1,646,235; Oct. 18.
Orthopedic appliance. E. Fischer. 1,646,164; Oct. 18.
Package opener. C. C. Crocker. 1,646,348; Oct. 18.
Packing and making the same. N. E. Johnson. 1,646,356; Oct. 18.
Pad. See—
Reducing pad.
Pail. J. M. Elffe. Des. 73,649; Oct. 18.
Pails. Strainer and cover for. E. C. Overboe and M. I. Gresheth. 1,645,818; Oct. 18.
Paint brush. S. Beck. 1,646,182; Oct. 18.
Paper from walls. Removing wall. L. O. Ullom. 1,646,177; Oct. 18.
Paper machines. Rope paper carrier for. J. F. Thibodeau, A. Deguire, W. Turner, and A. McDermid. 1,646,044; Oct. 18.
Paper plates and the like. Method and apparatus for making. H. E. Ruckert and B. M. Fine. 1,645,931; Oct. 18.
Paper pulp. Method and apparatus for producing. W. H. Howell, jr. 1,645,754; Oct. 18.
Paving. W. B. Westcott. 1,645,635; Oct. 18.
Pearls or the like. Securing rows of. A. Hadley. 1,646,289; Oct. 18.
Peeling machine. M. Benninger. 1,645,516; Oct. 18.
Pencil tip. J. K. Reckford. Des. 73,670; Oct. 18.
Percolator. R. W. Hagel. 1,646,022; Oct. 18.
Perforator. Coffee. J. A. Crawford. 1,645,896; Oct. 18.
Perforating. P. B. Keall. 1,645,648; Oct. 18.
Periscope. telescope, and like observational instrument. J. M. Strange. 1,645,880; Oct. 18.
Phonograph. P. H. Hornung. 1,646,148; Oct. 18.
Photographic appliance. V. C. Ernst. 1,645,590; Oct. 18.
Photographic shutter. W. A. Riddell. 1,645,929; Oct. 18.
Piano cover or the like. A. L. Ejik. Des. 73,652; Oct. 18.
Picture processing machines. Film-looping device for motion. W. D. Marshall. 1,645,916; Oct. 18.
Pie-making machine. D. W. Smith. 1,645,627; Oct. 18.
Pile fabric. C. S. Hamilton. Des. 73,658; Oct. 18.
Pile fabric. J. Lelper. Des. 73,663; Oct. 18.
Pin. C. G. Kling. 1,645,649; Oct. 18.
Pipe chest. Sectional. H. P. Mana and D. M. Lamson. 1,645,608; Oct. 18.
Pipe joint. Rotatable. L. N. Webster. 1,645,838; Oct. 18.
Pipe-threading diestock. T. Kellackey. 1,645,535; Oct. 18.
Pipes. Support for heat-conveying. H. J. Lohbiller. 1,645,762; Oct. 18.
Piston ring. M. Forster. 1,646,143; Oct. 18.
Plane. Bench. J. Szako. 1,645,781; Oct. 18.
Plastic composition. Radioactive adhesive. N. M. Jones. 1,645,599; Oct. 18.
Play ball. C. C. Collette. 1,646,347; Oct. 18.
Plow. Ice-house. E. B. Fiske. 1,645,524; Oct. 18.
Plow. Snow. W. H. Wadsworth. 1,645,837; Oct. 18.
Portable elevator. W. J. Taylor. 1,645,554; Oct. 18.
Post. See—
Binding post. Mail-box post.
Post driver. C. B. Murton. 1,646,039; Oct. 18.
Postage-meter machines. Moistener and sealer for. A. H. Pitney, J. W. Ogden, E. G. Northrop, and W. H. Wheeler, jr. 1,646,108; Oct. 18.
Postage-meter machines. Separator for. A. H. Pitney, J. W. Ogden, E. G. Northrop, and W. H. Wheeler, jr. 1,646,107; Oct. 18.
Postage-meter machines. Trip mechanism for. A. H. Pitney, J. W. Ogden, E. G. Northrop, and W. H. Wheeler, jr. 1,646,108; Oct. 18.
Powder dispenser. I. P. Schel. 1,645,935; Oct. 18.
Power balling press. J. Hansen. 1,645,906; Oct. 18.
Power-transmission lines. Arrangement for coupling high-frequency apparatus to. M. Lock. 1,645,536; Oct. 18.
Power-transmitting means. H. H. Frick. 1,645,746; Oct. 18.
Press. See—
Baling press. Power baling press.
Bending press.
Price-card holder. A. Aquila. 1,645,640; Oct. 18.
Printing apparatus. G. A. Mayer. 1,646,034; Oct. 18.

Printing apparatus for printing india-rubber balloons in an inflated condition. H. Grosser. 1,646,021; Oct. 18.
 Printing blocks or plates, Holding device for. J. C. F. A. Schütte. 1,645,876; Oct. 18.
 Printing machine. D. J. Scott. 1,646,114; Oct. 18.
 Printing machine. E. W. Smith. 1,645,939; Oct. 18.
 Printing-press inking mechanism. W. Evensen. 1,646,057; Oct. 18.
 Projector, Light. P. F. Pfeil. 1,645,721; Oct. 18.
 Propeller. H. Junkers. 1,645,811; Oct. 18.
 Propeller release, Gravity. W. S. King. 1,646,204; Oct. 18.
 Protective system. C. P. Steinmetz. 1,646,265; Oct. 18.
 Pump, Compression. W. F. Jennings. 1,646,294; Oct. 18.
 Pump mechanism. H. C. Thrift. 1,645,670; Oct. 18.
 Pump-plunger attachment, Deep-well. L. F. Davis. 1,645,802; Oct. 18.
 Pump plunger, Multistage. L. C. Black. 1,646,134; Oct. 18.
 Pump, Rotary. T. S. Patterson. 1,645,967; Oct. 18.
 Pump, Valveless. P. Voreaux. 1,645,834; Oct. 18.
 Pumps or the like, Automatic operating device for steam-jet. W. J. Anderson. 1,645,639; Oct. 18.
 Rack. C. H. Jarvis. 1,645,533; Oct. 18.
 Radiator-cap ornament or the like. D. Calarco. Des. 73,641; Oct. 18.
 Radiator hanger. H. H. Crawford. 1,645,853; Oct. 18.
 Radio-circuit-testing instrument. J. O. Kleber. 1,646,152; Oct. 18.
 Radio tuning coil. G. C. Brooks, Jr. 1,646,231; Oct. 18.
 Radio tuning inductance. R. T. Williams. 1,645,941; Oct. 18.
 Radium water, Apparatus for generating. A. de Clairmont. 1,645,899; Oct. 18.
 Rail joint. E. E. Erickson. 1,645,857; Oct. 18.
 Rail joint. F. E. King. 1,645,864; Oct. 18.
 Railway switches, Safety device for. C. Googe and H. Lindsey. 1,646,287; Oct. 18.
 Railway tie. A. L. Adams. 1,645,514; Oct. 18.
 Railway tie. A. J. Stolberg. 1,645,629; Oct. 18.
 Railway tie, Sectional. J. Hojnowski. 1,646,248; Oct. 18.
 Range, Coal. H. Lange. Des. 73,661; Oct. 18.
 Range, Gas. S. A. Wilde. 1,645,784; Oct. 18.
 Range, Gas. S. A. Wilde. 1,645,843; Oct. 18.
 Ratchet wrench. A. de Hertelendy. 1,646,350; Oct. 18.
 Razor blades, Stropping holder for safety-. G. B. Wheeler. 1,645,676; Oct. 18.
 Razor-blade wipers and used razor blades, Combination holder for. D. P. Ordway. 1,646,100-1; Oct. 18.
 Reamer. G. Fritz. 1,645,696; Oct. 18.
 Reaming apparatus. F. W. Conant. 1,646,054; Oct. 18.
 Receptacle. E. McCree. 1,645,765; Oct. 18.
 Receptacle. F. Stoner. 1,646,266; Oct. 18.
 Receptacle and illuminated sign, Combined. B. L. Overton and F. L. Overton. 1,645,870; Oct. 18.
 Receptacle, Electrical. F. J. Hines. 1,645,950; Oct. 18.
 Receptacles, Bung for metal. W. E. Warner. 1,645,675; Oct. 18.
 Reel: See—
 Header reel.
 Reducing pad, Hat-size. L. Cohen. 1,645,588; Oct. 18.
 Refrigerated glass. M. Lintak. 1,646,097; Oct. 18.
 Refrigeration systems, Thermosiphon circulation for absorption. A. Lenning. 1,645,706; Oct. 18.
 Refrigerator. G. J. Grondler. 1,646,241; Oct. 18.
 Regulating gate, Automatic. C. W. Cheatham. 1,645,943; Oct. 18.
 Regulator: See—
 Damper regulator. Window regulator.
 Speed regulator.
 Regulator. F. S. Bernhard. 1,645,850; Oct. 18.
 Relay. W. W. Schilling. 1,646,219; Oct. 18.
 Releasing switch, Automatic. A. R. Curtis. 1,646,189; Oct. 18.
 Reproducing device. T. N. Hansen. 1,645,752; Oct. 18.
 Resilient wheel, Vehicle. R. J. Page. 1,645,620; Oct. 18.
 Retorts, Closure for vertical. P. G. Strassmann. 1,646,325; Oct. 18.
 Rib top fabrics and mechanism for producing the same, Production of. E. Masllorens. 1,646,301; Oct. 18.
 Rims, Device for expanding and contracting split. F. B. White and C. Lum. 1,645,564; Oct. 18.
 Ring: See—
 Piston ring.
 Ring. G. D. Savage. Des. 73,673; Oct. 18.
 Ring. L. G. Stewart. Des. 73,676; Oct. 18.
 Rivet-setting machine. E. B. Stimpson. 1,646,072; Oct. 18.
 Rock crushers, Automatic disconnecting device for. P. E. Van Saun. 1,645,672; Oct. 18.
 Rod: See—
 Curtain rod.
 Room, Hospital operating. P. M. Burgess. 1,645,520; Oct. 18.
 Roost, Chicken. A. C. Wollenhaupt. 1,646,334; Oct. 18.
 Rubber-coated article and making the same. J. R. Gam-meter. 1,645,748; Oct. 18.
 Rug. S. B. Dickinson. Des. 73,645; Oct. 18.
 Ruling machine. C. H. Martin. 1,646,206; Oct. 18.
 Saddle, Electric. O. Spahr. 1,645,667; Oct. 18.
 Safety apparatus. G. Pagano. 1,645,819; Oct. 18.
 Sanatorium. M. Mederer. 1,645,611; Oct. 18.

Sand and gravel washer. S. A. Loftus and T. Cureton. 1,645,603; Oct. 18.
 Sand cutting and mixing machine. H. R. Sliwinski. 1,645,625; Oct. 18.
 Saw, Hack. D. E. Gommel. 1,646,369; Oct. 18.
 Saw mechanism, Trimmer. G. Graffmberger. 1,645,750; Oct. 18.
 Saw, Tree-felling. A. Palmigiano, Jr. 1,645,924; Oct. 18.
 Scale. H. M. Cameron. 1,646,009; Oct. 18.
 Scale. H. Kennedy. 1,646,151; Oct. 18.
 Scaler, Fish. W. Reilly. 1,645,970; Oct. 18.
 Scissors. C. E. Benedict. 1,645,981; Oct. 18.
 Scraper, Pan. E. W. McLain. 1,646,303; Oct. 18.
 Screen: See—
 Fly screen. Vibrating screen.
 Screws, Lock washer for cap. R. T. Hosking. 1,645,859; Oct. 18.
 Sealing-in machine. J. J. Higgins. 1,645,991; Oct. 18.
 Self-threading winding means. A. Stuber. 1,645,882; Oct. 18.
 Separator: See—
 Gold separator.
 Sewing machine, Shoe-sole. G. C. Roger. 1,645,872; Oct. 18.
 Shade, Woven slat. A. C. Hough. 1,645,951; Oct. 18.
 Shaft box. O. E. Bishop. 1,645,982; Oct. 18.
 Sheet delivery, Extension. W. M. Kelly. 1,645,903; Oct. 18.
 Sheet-feeding mechanism. J. H. Shipley. 1,645,824; Oct. 18.
 Sheet-feeding mechanism. E. R. Smith, W. R. Rice, and J. R. Jackson. 1,646,117; Oct. 18.
 Sheet-form material, Machine for cutting. C. B. Gray. 1,646,145; Oct. 18.
 Sheet-metal article. E. F. Tobold. 1,645,832; Oct. 18.
 Shell, Adjustable. A. E. Linendoll. 1,646,030; Oct. 18.
 Shell-shaped body for the allowance of high-pressure stresses. H. Debor. 1,645,944; Oct. 18.
 Shingle. T. D. Miller. 1,645,767; Oct. 18.
 Shingling gauge. F. F. Gregel. 1,645,808; Oct. 18.
 Shock absorber. P. M. Beconner. 1,645,576; Oct. 18.
 Shocker, Grain. G. Innes. 1,646,250-1; Oct. 18.
 Shoe bottoms, Machine for operating on. E. E. Winkley. 1,645,566; Oct. 18.
 Shoe form, Expandable. W. J. De Witt. 1,646,016; Oct. 18.
 Shoehorn, Collapsible. R. E. Lunday. 1,645,605; Oct. 18.
 Shoe last. J. K. Northrup. 1,645,716; Oct. 18.
 Shoe support and stretcher. S. J. Campbell. 1,646,137; Oct. 18.
 Shot loader. G. W. Abraham. 1,645,638; Oct. 18.
 Shovel. H. H. Miller. 1,645,656; Oct. 18.
 Shutter-operating device. C. H. Veeder. 1,645,673; Oct. 18.
 Sign, Spare-tire advertising. R. A. Tarel. 1,645,940; Oct. 18.
 Signal: See—
 Automobile signal. Magnetically-operated signal.
 Signal apparatus for railways and highways. E. D. Scarborough. 1,645,875; Oct. 18.
 Signal systems, Transformer for open and closed. W. F. Leather. 1,645,958; Oct. 18.
 Signaling apparatus, System of synchronizing. A. L. Matte. 1,645,607; Oct. 18.
 Signaling system, High-frequency. H. Key. 1,645,956; Oct. 18.
 Sink and dishwashing machine, Combined. C. A. Murdoch. 1,645,815; Oct. 18.
 Slack adjuster. W. H. Sauvage. 1,645,777; Oct. 18.
 Slicer, Bread. H. Stukart. 1,645,551; Oct. 18.
 Slipper, Foot-washing. J. M. Burnap. 1,645,688; Oct. 18.
 Smoker's stand. R. G. Fleming. 1,645,525; Oct. 18.
 Smoker's stand. R. C. Mitchell. 1,646,099; Oct. 18.
 Snubber, Automobile. G. H. Bugenhagen. 1,645,519; Oct. 18.
 Socket, Candle pull. H. Hubbell. 1,645,952; Oct. 18.
 Socket, Pull. B. C. Webster. 1,646,002; Oct. 18.
 Sodamide, Producing. J. F. Walt. 1,646,372; Oct. 18.
 Soldering iron, Electrical. W. Ensford and J. Sandberg. 1,646,238; Oct. 18.
 Sound, Device for recording and reproducing. E. Kramer. 1,645,911; Oct. 18.
 Sound producing and controlling device. L. A. Nemcovsky. 1,645,657; Oct. 18.
 Sound-producing device. O. A. Shann and F. A. Kuntz. 1,645,823; Oct. 18.
 Sound-reproducing device. E. U. Iwwerks. 1,646,201; Oct. 18.
 Sound-reproducing machine. J. R. O'Brien and W. Revell. 1,645,922; Oct. 18.
 Spark plug. E. A. Schneider and M. Hertz. 1,646,318; Oct. 18.
 Spark plug, Self-cleaning. E. W. Lockenvitz. 1,645,708; Oct. 18.
 Speed governor. G. Von Arco. 1,645,556; Oct. 18.
 Speed regulator. H. E. Warren. 1,646,269; Oct. 18.
 Spinning or doubling spindle. K. Meyer-Gans. 1,645,960; Oct. 18.
 Spinning ring and traveler. C. F. Merrill. 1,646,063; Oct. 18.
 Sponge rubber and fabric articles, Making compound. M. S. Lower. 1,645,604; Oct. 18.
 Spools, Making. A. C. Hopkins. 1,645,701; Oct. 18.

Spring hanger. W. T. Sandifer. 1,645,821; Oct. 18.
 Stacking and conveying mechanism. F. B. Roberts. 1,646,067; Oct. 18.
 Stacking and conveying mechanism. F. B. Roberts. 1,646,381; Oct. 18.
 Stand: See—
 Ash stand. Smoker's stand.
 Display stand.
 Standing boom. R. Johnston. 1,645,910; Oct. 18.
 Starting mechanism. J. P. Johnson. 1,646,202; Oct. 18.
 Steel retainer. C. C. Hansen. 1,646,091; Oct. 18.
 Steering device, Traller. J. E. Becker. 1,645,892; Oct. 18.
 Steering wheel. H. J. Sewell and L. C. Wilking. 1,646,172; Oct. 18.
 Steering-wheel switch. E. H. Vincent. 1,646,074; Oct. 18.
 Stem-forming machine. A. Raus and E. B. Isaac. 1,646,258; Oct. 18.
 Stencil card, Colored. E. A. Gelger. 1,645,593; Oct. 18.
 Stocking, Knitted. R. Hinchliff. 1,646,199; Oct. 18.
 Stoppie. W. F. Schacht. 1,646,112; Oct. 18.
 Storage battery. A. D. and C. Gritman. 1,645,698; Oct. 18.
 Stove-leg connection. A. H. Tinnerman. 1,646,267; Oct. 18.
 Stoves, Oil-reservoir alarm for cook. J. H. Allen. 1,646,337; Oct. 18.
 Straightening press and method of straightening. B. P. Schiltz. 1,646,260; Oct. 18.
 Strawboard, Manufacture of. M. E. Pennington and A. B. Davis. 1,645,997; Oct. 18.
 Strip-attaching means. M. H. Ballard. 1,645,641; Oct. 18.
 Stucco jointer. E. J. Kennedy. 1,646,150; Oct. 18.
 Sugar, Purifying liquids and making. E. E. Battelle. 1,646,079; Oct. 18.
 Sulfate, Expanding. A. B. Hawes, R. W. Horton, and F. C. Mayo. 1,646,092; Oct. 18.
 Sulphur, Petroleum-refining process and reagent for the removal of. F. C. Axtell. 1,645,679; Oct. 18.
 Surgical dressings and the like, Applicator for. O. C. Willis. 1,646,365; Oct. 18.
 Sweater, Knitted. L. S. Sack. Des. 73,671-2; Oct. 18.
 Sweeper, Carpet. T. Dickinson. 1,645,739; Oct. 18.
 Sweeper, Carpet. W. H. Kenyon. 1,645,759; Oct. 18.
 Sweeper, Electric suction. T. W. Green. 1,646,088; Oct. 18.
 Swing. W. A. Milam. 1,646,160; Oct. 18.
 Swing, Exerciser. R. B. McWhirter. 1,646,158; Oct. 18.
 Swing, Portable. I. E. Griffith. 1,646,059; Oct. 18.
 Switch: See—
 Electric switch. Releasing switch.
 Electromagnetic switch. Steering-wheel switch.
 Limit switch. Wheel switch.
 Switch or circuit breaker, Electric. R. W. Gregory and L. C. Grant. 1,645,905; Oct. 18.
 Switching apparatus, Condenser. V. E. Goodwin. 1,646,240; Oct. 18.
 Switching equipment, Automatic. C. W. Place. 1,646,215; Oct. 18.
 Swivel. J. J. Fry. 1,645,747; Oct. 18.
 Synchronizing clocks over simplex circuits having central-battery telephone signaling. H. W. Drake. 1,646,354; Oct. 18.
 Syringe. G. L. Cantwell. 1,645,984; Oct. 18.
 Syringe. W. F. Patten. 1,636,256; Oct. 18.
 Table: See—
 Foldable table.
 Table cover. J. Derk. Des. 73,644; Oct. 18.
 Table cover or the like. A. L. Ejik. Des. 73,651; Oct. 18.
 Tank hanger, Brine. R. Buit. 1,646,186; Oct. 18.
 Tanks, Relief-valve mechanism for oil. G. Raymond. 1,645,722; Oct. 18.
 Taping and seam-pressing machine, Combined. W. P. Oswood. 1,646,212; Oct. 18.
 Telegraph-printer system. J. P. Ferriter and E. E. Stradley. 1,645,591; Oct. 18.
 Telegraph-receiving apparatus, Wireless. R. A. Weagant. 1,645,560; Oct. 18.
 Telegraphy, Multiplex alternating-current. J. Vopel. 1,645,558; Oct. 18.
 Telegraphy, Printing. A. D. Dowd. 1,645,805; Oct. 18.
 Telephone. R. G. Pohlmann. 1,645,773; Oct. 18.
 Telephone-exchange system. H. M. Bascom. 1,645,573; Oct. 18.
 Telephone system. J. B. Shiel. 1,645,778; Oct. 18.
 Telephone system, Automatic. M. Schwartz. 1,646,262; Oct. 18.
 Telephone system, Automatic. J. Wicks. 1,645,636; Oct. 18.
 Telephone system, Measured-service. R. G. Richardson and J. I. Bellamy. 1,645,662; Oct. 18.
 Telephone system, Multioffice automatic. A. B. Smith. 1,645,549; Oct. 18.
 Telephone trunking scheme. E. J. C. Rousseau. 1,645,972; Oct. 18.
 Telephonic and telegraphic repeater or relay. A. V. T. Day. 1,645,987; Oct. 18.
 Telescoping elements, Locking device for. J. Schade. 1,645,934; Oct. 18.
 Tent support. G. T. Thompson. 1,645,885; Oct. 18.
 Thread cop. R. L. Ham. 1,646,198; Oct. 18.
 Threshold and constructing same. F. J. Plym. 1,646,167; Oct. 18.
 Ticket for marking delicate fabrics. W. Siegfried and A. Dachs. 1,645,878; Oct. 18.

Tie: See—
 Bow tie. Railway tie.
 Tie-rod construction. M. P. Graham. 1,646,288; Oct. 18.
 Tile lock. L. B. C. Perkins and R. H. Dobbins. 1,646,312; Oct. 18.
 Timber-perforating mechanism. G. A. Colman. 1,646,188; Oct. 18.
 Tire alarm. G. Moscate. 1,646,164; Oct. 18.
 Tire carrier and signaling means, Combination. J. G. Sutherland. 1,645,830; Oct. 18.
 Tire casings, Inner tubes, and wheel rims, Interlock for pneumatic. W. J. P. Moore. 1,645,921; Oct. 18.
 Tire flap. E. R. Dexter. 1,646,191; Oct. 18.
 Tire pump and gauge, Combination. H. B. Boles. 1,645,788; Oct. 18.
 Tires and the like, Sealing composition for punctures in pneumatic. G. G. Burton. 1,645,585; Oct. 18.
 Tool. E. Hanson. 1,645,753; Oct. 18.
 Tool, Concrete-working. H. T. Rogers. 1,645,873; Oct. 18.
 Tool for flaring holes. P. P. Lewis. 1,645,602; Oct. 18.
 Tool, Metal-cutting. S. M. Blanch and G. W. Fleming. 1,645,736; Oct. 18.
 Tool, Tamping. W. C. Wolfe. Rel. 6,775; Oct. 18.
 Tool, Wire-splicing. W. D. Stetson. 1,645,668; Oct. 18.
 Tooth, Artificial. E. P. Cressler. 1,646,232; Oct. 18.
 Toothbrush. F. L. Dailey. 1,646,082; Oct. 18.
 Toothbrush. M. W. Lederer. Des. 73,662; Oct. 18.
 Toothbrush. G. Neumerkel. 1,645,995; Oct. 18.
 Top construction. J. H. Bourgon. 1,645,582; Oct. 18.
 Towel holder. F. A. Rosner. 1,646,068; Oct. 18.
 Toy and mounting therefor, Wind-operated. E. Ischinger. 1,645,820; Oct. 18.
 Toy automobile. F. Rosenbaum. 1,646,169; Oct. 18.
 Toy guns, Missile for. W. A. Tidwell. 1,646,122; Oct. 18.
 Toy railways, Mail-bag ejector for. F. J. Pullis. 1,646,315; Oct. 18.
 Toy whirligig. A. Drauden. 1,646,278; Oct. 18.
 Toy, Whirligig. W. B. Reynolds and T. M. Barbee. 1,645,820; Oct. 18.
 Track hangers, Connection for. P. M. Hassler. 1,646,244; Oct. 18.
 Track liner. F. R. Sinning. 1,645,825; Oct. 18.
 Tractor hitch, Automatic. H. O. Krueger. 1,646,253; Oct. 18.
 Traffic-controlling apparatus, Railway. L. O. Grondahl. 1,645,529; Oct. 18.
 Train-control system, Intermittent inductive. W. R. McCanthran. 1,645,655; Oct. 18.
 Transforming machine with symmetrically subdivided flux for the control of traction motors or the like. A. D. Riccia. 1,646,066; Oct. 18.
 Transmission arrangement, Electric. A. Montellhet. Rel. 6,773; Oct. 18.
 Transmission delay, Method and apparatus for measuring. H. Nyquist. 1,645,618; Oct. 18.
 Transmission line, Nongrounded. L. H. Crook. 1,645,643; Oct. 18.
 Transmission mechanism. J. B. Whitlow. 1,645,841; Oct. 18.
 Transmission system. J. Sleplan. 1,645,937; Oct. 18.
 Trap: See—
 Flea and insect trap.
 Tray, Service. G. E. Whitney. 1,646,333; Oct. 18.
 Trolley construction. P. C. Richter. 1,646,217; Oct. 18.
 Truck, Car. H. M. Pfager. 1,646,214; Oct. 18.
 Tubes, Method of and apparatus for spirally winding wire on. L. F. Davis. 1,645,803; Oct. 18.
 Turnstile. D. R. Bacon. 1,646,078; Oct. 18.
 Typewriting machine. E. E. Barney. 1,646,271; Oct. 18.
 Typewriting machine. J. W. Engelslepen. 1,646,237; Oct. 18.
 Typewriting machine. H. H. Vickers. 1,646,073; Oct. 18.
 Umbrella, Stormproof. R. Goldberger. 1,646,144; Oct. 18.
 Uncoupling device. W. Kelso. 1,645,756-7; Oct. 18.
 Urea and of formaldehyde, Manufacture of the condensation products of. H. Barthélemy. 1,645,848; Oct. 18.
 Valve. C. H. Duncan. 1,645,900; Oct. 18.
 Valve. G. Graffmberger. 1,645,751; Oct. 18.
 Valve, Automatic timing. G. E. Lundberg and I. Jeppson. 1,645,763; Oct. 18.
 Valve, Gate. W. G. Wilson. 1,645,785; Oct. 18.
 Valve mechanism, Automatic. J. T. Stoney. 1,645,828; Oct. 18.
 Valve, Packless ball. H. Brown. 1,645,790; Oct. 18.
 Valve, Plug. F. G. Cornell, Jr. 1,646,013; Oct. 18.
 Valve, Rotary. W. Trinks. 1,645,631; Oct. 18.
 Valve, Velocity-reducing. H. B. Lee. 1,645,601; Oct. 18.
 Varnish, Method of and apparatus for applying and treating. G. R. Clover. 1,646,010; Oct. 18.
 Vault lock, Safety. M. L. Canott. 1,646,138; Oct. 18.
 Vehicle, Child's. W. B. Miles. 1,646,161; Oct. 18.
 Vehicle, Motor. W. H. Barnes. 1,646,131; Oct. 18.
 Vehicle, Water. J. Zäch. 1,646,178; Oct. 18.
 Vehicles, Differential gear for motor. H. Föttinger. 1,646,020; Oct. 18.
 Vehicles, Locking device for motor. J. E. McLeod. 1,645,914; Oct. 18.
 Vehicles, Movement of. M. Osthoff. 1,646,310; Oct. 18.
 Vehicles, Spring suspension for. W. S. Austin. 1,646,180; Oct. 18.
 Vehicles, Trouble light for motor. J. Karasovich. 1,645,953; Oct. 18.

- Vending machine, Handkerchief. A. Probst. 1,646,314; Oct. 18.
 Ventilating and humidifying device. D. Handelan. 1,646,243; Oct. 18.
 Ventilator: See—
 Window ventilator.
 Vibrating screen. B. A. Mitchell. 1,645,613; Oct. 18.
 Vulcanizing apparatus for electrical. J. Ledwinka. 1,645,704; Oct. 18.
 Wall and mantel ornament or the like. D. Calarco. Des. 73,642; Oct. 18.
 Wall bracket. W. von Nessen. Des. 73,678; Oct. 18.
 Wall-paper machine. E. C. F. Ernst. 1,646,282; Oct. 18.
 Warp-bedding machine. W. Hammer. 1,645,088; Oct. 18.
 Wipers having an oscillatory detector bar, Quick-acting warp stop mechanism for. 1,646,362; Oct. 18.
 Wipers, Quick-acting warp stop mechanism for. A. E. Rhoades. 1,646,362; Oct. 18.
 Wipers, Quick-acting warp stop mechanism for. A. E. Rhoades. 1,646,363; Oct. 18.
 Washer: See—
 Sand and gravel washer.
 Washing machine. C. A. Murdoch. 1,645,869; Oct. 18.
 Washing machine. O. E. Szekely. 1,646,174; Oct. 18.
 Washing machine. Household. C. A. Murdoch. 1,645,816; Oct. 18.
 Washing machine with folding wringer. H. D. Payne. A. W. De Clerque, and S. T. Sjoberg. Re16,776; Oct. 18.
 Washing machines, Steam jet for. L. Mandry. 1,646,299; Oct. 18.
 Watch. W. E. Wakefield. 1,645,633; Oct. 18.
 Watchcase. I. Dinstman. Des. 73,646; Oct. 18.
 Watchcase, strap, and buckle, Combined wrist. I. Dinstman. Des. 73,647; Oct. 18.
 Watch charm or similar article. J. A. Dominguez. Des. 73,648; Oct. 18.
 Water heaters, Latch for electric. C. Vandenberghe. 1,616,225; Oct. 18.
 Water in oil emulsions, Resolving. E. E. Ayres, Jr. 1,646,339; Oct. 18.
 Water-softening system. G. S. Apeldorn. 1,646,270; Oct. 18.
 Water wheel. F. L. McQuiston. 1,645,996; Oct. 18.
 Watering device, Animal. G. E. Hazard. 1,646,246; Oct. 18.
 Wax and the products resulting from same, Treating. O. E. Enell. 1,646,280; Oct. 18.
 Wax, Finish remover containing. O. E. Enell. 1,646,281; Oct. 18.
 Weather-strip unit. D. Kulage. 1,646,155; Oct. 18.
 Welding and cutting apparatus. W. C. Bucknam. 1,645,893; Oct. 18.
 Welding apparatus, Electric-spot. J. Ledwinka. 1,645,705; Oct. 18.
 Welding machine, Electric. J. W. Meadowcroft. 1,645,710; Oct. 18.
 Welding sheet-metal panels, Jig for electric. J. W. Meadowcroft. 1,645,711; Oct. 18.
 Well-drilling rigs, Sand reel for. E. Timbs, L. E. Zerbe, and F. von Schlegell. 1,646,123; Oct. 18.
 Wells, Casing for artesian. A. Paulsen. 1,645,719; Oct. 18.
 Wheel: See—
 Band-saw wheel. Steering wheel.
 Resilient wheel. Water wheel.
 Wheels, Mounting vehicle. R. I. Denham. 1,646,352; Oct. 18.
 Wheelbarrow. I. R. Smith. 1,645,666; Oct. 18.
 Wick ends and the like, Splice for. R. T. Pearce. 1,646,104; Oct. 18.
 Wind motor. E. E. De Vore. 1,645,855; Oct. 18.
 Window-decorating device. F. A. Cykowsky. 1,646,190; Oct. 18.
 Window, Metallic. J. Brogden. 1,646,006; Oct. 18.
 Window-operating mechanism. J. H. Roethel. 1,646,218; Oct. 18.
 Window regulator. H. A. Myers. 1,645,617; Oct. 18.
 Window-shade and curtain-rod holder. S. Constantine. 1,646,011; Oct. 18.
 Window ventilator, Adjustable. J. Niers. 1,646,040; Oct. 18.
 Windshield cleaner. F. G. and W. M. Folberth. 1,645,592; Oct. 18.
 Windshield wiper. W. G. Bray. 1,645,646; Oct. 18.
 Wires, Machine for making asbestos-covered. L. H. Thomas and F. Kuhn. 1,645,884; Oct. 18.
 Wrench: See—
 Ratchet wrench.
 Wrench. N. A. Anderson. 1,645,570; Oct. 18.
 Wrench. J. Dickie. 1,646,140; Oct. 18.
 Wrench. L. Reboul. 1,645,999; Oct. 18.
 X-ray examination and X-ray photographing, Apparatus for. M. Pohlmann. 1,646,065; Oct. 18.

CLASSIFICATION OF PATENTS

ISSUED OCTOBER 18, 1927.

NOTE.—First number=class, second number=subclass, third number=patent number.

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178: 1,646,041	10: 1,645,919	66: 1,646,183	243: 1,646,024	122: 1,646,338	1: 1,645,740
202: 1,646,182	16: 1,645,640	98: 1,646,167	31: 1,645,611	140: 1,645,547	35: 1,645,859
227: 1,645,965	21: 1,646,263	103: 1,646,312	54: 1,646,308	189: 1,645,708	65: 1,645,840
253: 1,645,592	23: 1,645,878	105: 1,645,903	99: 1,645,040	173: 1,645,595	152— 12: 1,645,832
1,645,646	37: 1,645,804	118: 1,645,674	11: 1,645,708	1,646,318	20: 1,645,921
14: 1,645,603	129: 1,645,830	138: 1,646,150	1,645,786	175: 1,646,070	29: 1,645,620
23: 1,645,831	1,645,940	1: 1,646,376	1,645,813	180: 1,646,070	21: 1,645,865
130: 1,646,296	130: 1,646,100	21: 1,646,032	1,646,157	190: 1,646,298	52: 1,646,260
190: 1,645,977	132: 1,645,870	31: 1,646,311	1,646,228	196: 1,646,298	54: 1,645,637
198: 1,646,218	146: 1,646,305	51: 1,646,247	13: 1,645,742	124— 14: 1,645,742	66: 1,645,803
219: 1,645,916	148: 1,645,962	82: 1,645,900	8: 1,645,906	126— 39: 1,645,784	2: 1,646,356
5: 1,645,970	5: 1,646,196	1,646,317	1,646,355	92: 1,646,026	43: 1,646,242
27: 1,646,071	36: 1,645,534	111: 1,645,593	1,646,376	99: 1,646,220	46: 1,645,858
34: 1,645,610	87: 1,645,598	151: 1,645,774	52: 1,646,220	130: 1,645,930	58: 1,646,089
5: 1,645,678	39: 1,645,635	167: 1,645,624	221: 1,646,034	236: 1,646,108	61: 1,646,160
6: 1,645,704	64: 1,645,874	7: 1,646,374	236: 1,646,108	363: 1,646,057	88: 1,645,683
17: 1,645,580	115: 1,645,715	26: 1,645,680	383: 1,645,876	383: 1,645,876	15: 1,645,697
47.5: 1,646,267	148: 1,645,224	34: 1,645,641	1: 1,646,344	102— 1: 1,646,344	17: 1,645,947
59: 1,645,604	9: 1,646,014	1,646,126	1,646,376	103— 126: 1,645,967	19: 1,646,049
96: 1,645,745	11: 1,646,175	1,646,127	1,646,376	157: 1,645,834	22: 1,646,360
106: 1,645,794	16: 1,645,652	38: 1,645,623	1,645,717	194: 1,646,134	23: 1,646,011
142: 1,645,733	82: 1,645,769	1,645,717	1,645,717	236: 1,646,069	37: 1,645,775
156: 1,645,630	97: 1,646,370	1,645,718	1,645,718	48: 1,645,783	44: 1,645,787
22: 1,645,544	14: 1,645,702	41: 1,645,746	59: 1,646,202	111: 1,646,244	1: 1,645,564
69: 1,646,155	1,645,820	81: 1,645,846	4: 1,645,983	257: 1,646,365	158— 27.4: 1,645,893
92: 1,645,727	46: 1,645,657	100: 1,646,020	29: 1,646,210	268: 1,646,093	75: 1,645,546
1,645,732	49: 1,646,169	109: 1,646,143	81: 1,645,659	129— 13: 1,645,934	1,645,787
93: 1,645,726	41: 1,645,577	112: 1,646,268	154: 1,646,310	16: 1,645,598	77: 1,645,559
151: 1,645,729	41: 1,646,252	77: 1,645,968	172: 1,646,217	10: 1,645,877	91: 1,645,677
177: 1,645,725	2: 1,645,991	24: 1,645,895	194: 1,646,214	51: 1,645,525	28: 1,645,545
1,645,731	3: 1,645,694	69: 1,645,736	220: 1,646,036	1,646,086	37: 1,646,141
200: 1,645,730	47: 1,646,047	75.5: 1,645,696	254: 1,645,587	59: 1,646,099	63: 1,646,129
11: 1,646,046	62: 1,645,755	15: 1,646,346	308: 1,646,003	7: 1,646,048	76: 1,646,031
190: 1,646,372	92: 1,646,097	57: 1,645,570	341.5: 1,645,690	36.1: 1,645,621	88: 1,645,648
19: 1,645,963	48: 1,646,375	58: 1,645,999	362: 1,645,626	36.2: 1,646,162	5: 1,645,719
95: 1,646,053	1,646,377	63: 1,646,350	26: 1,645,693	40: 1,646,173	10: 1,645,766
102: 1,645,907	109: 1,646,132	155: 1,646,140	7: 1,645,847	64: 1,646,062	6: 1,646,149
134: 1,646,336	3: 1,645,896	10: 1,645,672	10: 1,645,847	107— 1: 1,645,627	9: 1,645,791
161: 1,645,649	1,646,022	11: 1,646,184	11: 1,646,184	108— 5.4: 1,645,851	1,645,792
211: 1,646,345					1,645,793
244: 1,646,068					1,645,852

169— 27: 1,645,584	179— 27: 1,645,573	200— 83: 1,645,381	216— 25: 1,645,734	246— 126: 1,645,875	267— 41: 1,646,180
32: 1,646,226	84: 1,645,636	91: 1,646,233	62: 1,646,177	172: 1,646,306	54: 1,645,821
170— 13: 1,645,855	100: 1: 1,645,956	104: 1,646,807	47: 1,646,264	148: 1,646,267	35: 1,646,025
23: 1,645,996	171— 118: 1,645,811	106: 1,646,180	218— 2: 1,646,072	17: 1,645,853	95: 1,645,673
173: 1,645,811	119: 1,645,215	107: 1,646,029	219— 4: 1,645,705	30: 1,646,133	132: 1,645,617
118: 1,646,215	170: 1,645,987	150: 1,645,905	48: 1,645,654	31: 1,645,089	8: 1,646,114
119: 1,645,724	171: 1,645,987	63: 1,645,867	25: 1,645,667	40: 1,646,165	1: 1,646,230
1,646,231	171: 1,645,987	9: 1,645,861	27: 1,646,235	41: 1,646,064	28: 1,645,824
1,646,269	171: 1,645,987	14: 1,646,325	3: 1,645,944	8: 1,645,560	41: 1,645,551
252: 1,645,517	175: 1,645,618	1: 1,645,927	18: 1,646,266	17: 1,645,542	1,646,117
314: 1,645,720	180— 64: 1,646,062	64: 1,645,526	32: 1,645,772	27: 1,645,904	69: 1,645,993
172— 152: 1,645,827	83: 1,646,139	1,646,048	39: 1,645,675	31: 1,645,523	272— 61: 1,646,186
179: 1,646,171	181— 27: 1,646,050	1,646,058	44: 1,645,722	34: 1,645,643	273— 65: 1,646,347
237: 1,645,937	32: 1,646,261	1,646,221	11: 1,646,154	1,645,899	102: 1,646,095
239: 1,646,066	6: 1,646,018	1,646,101	47: 3: 1,645,898	1,646,065	274— 2: 1,645,922
246: 1,646,240	7: 1,645,661	4: 1,646,147	47: 4: 1,645,888	36: 1,645,557	13: 1,645,911
279: 1,646,211	45: 1,645,902	16: 1,646,100	1,645,890	1,645,850	15: 1,646,148
173— 259: 1,645,541	89: 1,645,889	31: 1,645,771	76: 1,646,081	61: 1,645,785	25: 1,646,201
1,645,854	105: 1,645,901	33: 1,646,300	99: 1,645,545	110: 1,646,013	278— 14: 1,645,569
263: 1,646,255	186— 1: 1,645,694	14: 1,645,807	102: 1,645,594	132: 1,645,594	279— 83: 1,645,948
264: 1,645,758	72: 1,645,975	56: 1,646,005	146: 1,645,935	139: 1,645,790	280— 33: 1,646,253
269: 1,645,539	77: 1,646,124	1,646,264	29: 1,646,163	152: 1,645,631	33: 44: 1,646,342
322: 1,646,038	81: 1,645,554	1,646,357	229— 23: 1,646,203	159: 1,645,601	33: 55: 1,645,892
328: 1,645,957	130: 1,645,576	1,646,358	44: 1,645,765	165: 1,645,985	52: 1,645,666
330: 1,645,950	165: 1,645,741	170: 1,646,019	30: 1,646,373	44: 1,645,825	81: 5: 1,646,131
332: 1,646,037	187: 1,646,316	188: 1,646,309	133: 1,646,319	186: 1,646,207	283— 58: 1,646,033
335: 1,645,860	194: 1,646,035	215: 1,646,239	177: 1,646,185	11: 1,646,123	285— 107: 1,645,838
336: 1,645,527	196: 1,646,012	403: 1,645,613	184: 1,645,670	51: 1,645,969	286— 7: 1,645,578
354: 1,645,952	199: 1,645,777	452: 1,645,603	206: 1,646,294	61: 1,645,962	287— 90: 1,646,286
1,646,002	19: 1,645,980	24: 1,646,270	40: 1,645,768	24: 1,646,293	99: 1,645,885
175— 41: 5: 1,646,236	35: 1,646,285	50: 1,646,102	232— 60: 1,646,105	54: 1,646,001	125: 1,645,802
294: 1,646,028	75: 1,646,006	51: 5: 1,645,632	235— 15: 1,645,713	241: 1,646,030	291— 3: 1,646,130
1,646,265	19: 1,645,992	105: 1,645,712	236— 20: 1,645,886	6: 1,646,315	292— 136: 1,646,225
337: 1,645,628	45: 1,646,092	159: 1,645,818	237— 1: 1,645,522	100: 1,646,174	145: 1,646,136
339: 1,646,219	52: 1,645,780	181: 1,646,378	238— 24: 1,645,857	107: 1,645,990	173: 1,645,849
356: 1,645,958	58: 1,645,565	7: 1,646,200	35: 1,645,514	121: 1,645,912	202: 1,646,343
359: 1,645,511	69: 1,646,125	14: 1,645,533	51: 1,645,629	136: 1,646,351	244: 1,646,075
1,645,941	97: 1,646,277	29: 1,646,121	195: 1,645,864	3: 5: 1,645,848	203— 2: 1,645,819
176— 3: 1,646,258	196— 4: 1,646,339	31: 1,646,313	243: 1,646,170	25: 1,645,773	55: 1,645,561
110: 1,645,966	31: 1,645,679	33: 1,646,774	6: 4: 1,645,881	61: 1,646,235	1,645,562
177— 329: 1,645,512	44: 1,645,530	70: 1,645,747	7: 1: 1,646,094	101: 1,645,915	1,645,589
1,645,513	54: 1,645,553	81: 1,646,119	25: 1,646,045	103: 1,646,128	1,645,723
1,646,332	58: 1,646,380	12: 1,645,540	38: 1,646,328	109: 1,646,290	1,645,789
353: 1,645,563	135: 1,645,969	164: 1,645,756	41: 1,645,721	159: 1,645,974	1,646,055
356: 1,645,810	197— 127: 1,646,073	1: 1,645,757	62: 1,646,326	170: 1,646,349	204— 50: 1,645,656
178— 11: 1,645,773	178— 232: 1,645,619	6: 1,646,067	55: 1,645,882	107: 1,646,329	82: 1,645,714
17: 5: 1,645,591	1,645,883	41: 1,646,197	71: 1,645,894	12: 1,646,043	206— 137: 1,645,582
33: 1,645,805	199— 36: 1,645,615	93: 1,645,653	75: 1,645,939	116: 1,646,243	299— 74: 1,645,514
44: 1,645,773	1,645,616	119: 1,645,942	120: 1,646,198	121: 1,645,945	301— 9: 1,646,352
52: 1,645,558	200— 47: 1,646,080	7: 1,645,954	1: 1,646,146	2: 1,645,625	302— 37: 1,645,932
53: 1,645,607	48: 1,646,164	63: 1,645,829	2: 1,645,779	20: 1,645,524	304— 34: 1,645,879
179— 2: 1,645,536	59: 1,645,975	73: 1,646,324	18: 1,645,612	12: 1,646,195	308— 67: 1,646,302
9: 1,645,662	67: 1,645,528	100: 1,645,839	29: 1,645,928	68: 1,646,009	70: 1,646,056
18: 1,645,549	80: 1,645,556	216— 7: 1,646,282	30: 1,645,964	69: 1,646,151	85: 1,646,109
1,645,972			34: 1,645,529	97: 1,646,370	97: 1,646,370
1,646,262			63: 1,645,655	124: 1,645,962	138: 1,645,871
				226: 1,645,909	

ALPHABETICAL LIST OF REGISTRANTS OF TRADE-MARKS.

Adler, L. Bros. & Co., to Levy Bros. & Adler Rochester Inc., Rochester, N. Y., successor. Coats, overcoats, vests, and trousers. 68,879; renewed Dec. 31, 1927.

Aga-Jell Co., The. (See Jobbers Candy Co. Inc.)

Air-Scale Company, The, Toledo and Delta, Ohio. Metallic valves together with fittings and connections therefor. 234,393; Oct. 25; Serial No. 250,152; published Aug. 16, 1927. Class 13.

Ajax Radiator Enclosure Co. Inc., Brooklyn, N. Y. Radiator enclosures. 234,468; Oct. 25; Serial No. 250,591; published Aug. 2, 1927. Class 34.

Alpha Laboratories. (See Pupella, Salvatore.)

Amberg, Louis, & Sons, New York, N. Y. Dolls. 234,374; Oct. 25; Serial No. 247,056; published Aug. 16, 1927. Class 22.

Ambrosia Malt Prod. Co. Inc., New York, N. Y. Extract from malt and rye. 234,363; Oct. 25; Serial No. 237,010; published Mar. 8, 1927. Class 46.

Amendola Brothers, Inc., New Haven, Conn. Hair tonics and dandruff remedies. 234,390; Oct. 25; Serial No. 250,287; published Aug. 16, 1927. Class 6.

American Envelope Co., The, West Carrollton, Ohio. Mailing envelopes. 234,384; Oct. 25; Serial No. 245,526; published Aug. 9, 1927. Class 37.

American Narrow Fabric Company, Worcester, Mass. Sanitary belts. 234,440; Oct. 25; Serial No. 232,062; published Aug. 16, 1927. Class 44.

Apollo Fur Dyeing Co., Inc., New York, N. Y. Dyed fur skins. 234,498; Oct. 25; Class 1.

Arden Chemical Company, New York, N. Y. Hair tonic. 234,430; Oct. 25; Serial No. 236,584; published Aug. 16, 1927. Class 6.

Armand Company, The, Des Moines, Iowa. Lotions and creams. 234,359; Oct. 25; Serial No. 238,541; published Aug. 16, 1927. Class 6.

Associated Devices Corporation, St. Louis, Mo. Clothes-washing machines. 234,347; Oct. 25; Serial No. 243,576; published July 26, 1927. Class 24.

Associated Merchandising Corporation, New York, N. Y. Absorbent cotton and combination syringes. 234,450; Oct. 25; Serial No. 251,316; published Aug. 16, 1927. Class 44.

Atlas Paint Manufacturing Co., to The Henry Weiskopf Company, Minneapolis, Minn., successor. Mixed paints and paste paints. 65,430; renewed Sept. 24, 1927.

Babcock & Wilcox Company, The, New York, N. Y. Bricks. 234,409; Oct. 25; Serial No. 249,885; published Aug. 9, 1927. Class 12.

Bachrodt, A. L., doing business as Bachrodt & Company, San Jose, Calif. Ground animal fertilizer or pulverized animal manure. 234,380; Oct. 25; Serial No. 237,773; published July 26, 1927. Class 10.

Banská-a Hutní Společnost, Brno, Czechoslovakia. Commercial castings of all kinds, rolled slabs, etc. 234,442-3; Oct. 25; Serial Nos. 231,784-5; published Aug. 9, 1927. Class 14.

Baskind, Louis, & Co. Inc., New York, N. Y. Shirts. 234,361; Oct. 25; Serial No. 237,531; published June 21, 1927. Class 39.

Basick Manufacturing Company, The, Chicago, Ill. Covers for the tops of automotive vehicles. 234,383; Oct. 25; Serial No. 245,689; published Aug. 16, 1927. Class 19.

Bejean, Etienne, Paris, France. Preparation for the treatment of gout and rheumatism. 234,493; Oct. 25; Class 6.

Bilo Co., The. (See Green, Charles W.)

Bing Werke (formerly Gebrüder Bing A. G.), Nuremberg, Germany. Toy phonographs and talking machines. 234,350; Oct. 25; Serial No. 242,877; published Aug. 16, 1927. Class 22.

Birote Inc., New York, N. Y. Cosmetics. 234,486; Oct. 25; Class 6.

Bliss, Edward P., Jr., Philadelphia, Pa. Automatically-controlled coal-combustion system or parts therefor. 234,331; Oct. 25; Serial No. 249,323; published Aug. 2, 1927. Class 34.

Bliss Steel Products Corporation, East Syracuse, N. Y. Windows, sashes, and window frames. 234,354; Oct. 25; Serial No. 240,480; published Aug. 16, 1927. Class 12.

Bolton, W. H., Bristle Company, Wilmington, Del. Bristles. 234,428; Oct. 25; Serial No. 250,432; published Aug. 16, 1927. Class 1.

Bono, Michael, Bronx, N. Y. Medicine. 234,513; Oct. 25; Class 6.

Borsdia Company, The, Ephrata, Wash. Liniment. 234,478; Oct. 25; Serial No. 250,969; published Aug. 16, 1927. Class 6.

Borelio Bros., San Rafael, Calif. Natural mineral waters and carbonated beverages. 67,326; renewed Jan. 28, 1928.

Bourjois, Inc., New York, N. Y. Perfume, toilet water, sachet, etc. 234,406; Oct. 25; Serial No. 250,866; published Aug. 16, 1927. Class 6.

Boye Needle Co., The, Chicago, Ill. Lubricating oil. 234,482; Oct. 25; Class 15.

Boye Needle Co., The, Chicago, Ill. Sewing machine belts. 234,483; Oct. 25; Class 35.

Boye Needle Co., The, Chicago, Ill. Screw drivers, jar wrenches, etc. 234,504; Oct. 25; Class 23.

Boye Needle Co., The, Chicago, Ill. Key chains, metal curtain rods, key hooks, and hasps. 234,505; Oct. 25; Class 13.

Bradley, Smith Co., The, New Haven, Conn. Candy. 234,404; Oct. 25; Serial No. 249,700; published Aug. 16, 1927. Class 46.

Bram Laboratories. (See Drosness, Vitold.)

Brand, Sylvester, St. Paul, Minn. Coal. 234,501; Oct. 25; Class 1.

Brandt, Peter, New York, N. Y. Varnishes. 234,516; Oct. 25; Class 18.

Brooks Oil Company, The, Cleveland, Ohio. Petroleum products. 234,446; Oct. 25; Serial No. 225,465; published Mar. 2, 1928. Class 15.

Brown, Fred A., et al. (See Kesar, Hiram L., assignor.)

Butler Paper Corporation, Chicago, Ill. Paper. 234,497; Oct. 25; Class 37.

Butterfield, Charles M., doing business as Fruit Products Co., assignor to Fruit Products Company, Inc., Savannah, Ga. Vinegar. 234,400; Oct. 25; Serial No. 249,834; published Aug. 2, 1927. Class 46.

Cameron, Wm., & Co. Inc., Waco, Tex. Ready-cut, machined, and partly-assembled materials intended for use in the final construction and completion of household and kitchen furniture, fixtures, etc. 234,410; Oct. 25; Serial No. 249,835; published Aug. 16, 1927. Class 12.

Chapman Orchards, Fullerton, Lindsay, and Mirador, Calif. Oranges, lemons, grapefruit, pomegranates, and grapes. 234,355; Oct. 25; Serial No. 240,170; published Aug. 16, 1927. Class 46.

Chappel Bros., Inc., Rockford, Ill. Shampoo and extermiator of fleas, etc. 234,411; Oct. 25; Serial No. 249,639; published Aug. 16, 1927. Class 6.

Chemical Foundation, Incorporated, The. (See Chemische Fabrik auf Actien (vorm. E. Schering) assignor.)

Chemische Fabrik auf Actien (vorm. E. Schering), Berlin, Germany, assignor to The Chemical Foundation, Incorporated, Wilmington, Del., and New York, N. Y. Product of formaldehyde. 65,625; renewed Oct. 15, 1927.

Chippewa Indian Medicine Co. (See Coon, Eli A.)

Columbus Handle & Tool Corporation, Columbus, Ind. Tools. 234,496; Oct. 25; Class 23.

Construction Supplies Company of America, New York, N. Y. Compression bids and stops, P traps, connected waste and overflow, etc. 234,357; Oct. 25; Serial No. 239,239; published July 26, 1927. Class 13.

Construction Supplies Company of America, New York, N. Y. Coal and gas water heaters, hot-water and steam coal and gas furnaces, etc. 234,358; Oct. 25; Serial No. 239,238; published Aug. 16, 1927. Class 34.

Cook, Grafton H., doing business as Ultra-Nu Basket Co., Niles, Mich. Hampers and baskets. 234,509; Oct. 25; Class 2.

Coon, Eli A., doing business as Chippewa Indian Medicine Co., Bay City, Mich. Medicine. 234,408; Oct. 25; Serial No. 250,230; published Aug. 16, 1927. Class 6.

Cork Import Corporation, New York, N. Y. Cork board for building and thermal insulating purposes. 234,427; Oct. 25; Serial No. 250,442; published Aug. 9, 1927. Class 12.

Covington, Isaac B., Wadesboro, N. C. Cotton napped flannel and flannelette piece goods. 234,502-3; Oct. 25; Class 42.

Cramp, Wm., & Sons Ship & Engine Building Co., The, assignor to The Cramp Brass and Iron Foundries Company, Philadelphia, Pa. Metals. 64,766; renewed Aug. 20, 1927.

Cressey, George A., Modesto, Calif. Fresh grapes. 234,514; Oct. 25; Class 46.

Crevey, William, doing business as Red Monk Medicinal Wine Co., Los Angeles, Calif. Wine-bitters tonic. 234,462; Oct. 25; Serial No. 250,838; published Aug. 16, 1927. Class 6.

Cullen, Francis J., doing business as Cullen Salve Company, Jersey City, N. J. Medicinal preparation in the form of a salve. 234,428; Oct. 25; Serial No. 250,444; published Aug. 16, 1927. Class 6.

Curran, William G., Astoria, N. Y. Clamps, catches, or holders for swinging or sliding closures. 234,562; Oct. 25; Serial No. 237,266; published Aug. 16, 1927. Class 13.

De Bataafsche Petroleum Maatschappij, the Hague, Netherlands. Asphalt and bituminous compounds for roofing, road making, and wall coatings. 234,549; Oct. 25; Serial No. 242,949; published Aug. 16, 1927. Class 2.

De Mott, Beatrice G., Englewood, N. J. Sport frocks. 234,346; Oct. 25; Serial No. 243,427; published June 21, 1927. Class 39.

Dean-Oaking Company, Hatton, N. Dak. Potatoes. 234,389; Oct. 25; Serial No. 250,300; published Aug. 16, 1927. Class 46.

Deck, Gregory J., doing business as Deco Refreshments, Buffalo, N. Y. Finger rolls, sandwich rolls, wieners, minced meat, etc. 234,435; Oct. 25; Serial No. 234,663; published Feb. 15, 1927. Class 46.

Deco Refreshments. (See Deck, Gregory J.)

Denver Pharmaceutical Mfg. Co., Inc., Long Island City, N. Y. Shampooing preparations. 234,452; Oct. 25; Serial No. 251,222; published Aug. 16, 1927. Class 6.

Devices Development Company, The. (See Saffold, James W.)

Doloricide Laboratories, The. (See Small, Fred A., and R. H. Horak.)

Dowd, J. C. & Co., to J. C. Dowd & Co., New York, N. Y., successor. Hairbrushes and nail and tooth brushes. 67,780; renewed Feb. 18, 1928.

Drosness, Vitold, doing business as Bram Laboratories, New York, N. Y. Insecticide. 234,460; Oct. 25; Serial No. 250,910; published Aug. 9, 1927. Class 6.

Eagle Paint & Varnish Company, Allegheny City, to Eagle Paint & Varnish Works, Pittsburgh, Pa., successor. Painters' materials. 63,332; renewed June 18, 1927.

Edwards Manufacturing Company, The, Cincinnati, Ohio. Metal lath. 234,417; Oct. 25; Serial No. 248,625; published Aug. 16, 1927. Class 12.

Ehrich, Edward E., doing business as The Grand Mfg. Co., Indianapolis, Ind. Dry-cleaning machines, extractors, and parts thereof. 234,335; Oct. 25; Serial No. 248,889; published Aug. 16, 1927. Class 24.

Elsendrach, Joseph N., Company, The, Chicago, Ill. Gloves, mittens, and gauntlets. 67,514; renewed Feb. 4, 1928.

Ely, Albert E., doing business as Quiz Chemical Company, Glasgow, Ky. Medicine for treating kidney diseases in hogs. 234,480; Oct. 25.

Fabriques des Montres Zenith, successeur de Fabriques des Montres Zenith Georges Favre-Jacot & Cie. (See Georges Favre-Jacot & Company, assignor.)

Family Medicine Co. (See Turner, A. Franklin.)

Ferdinand Dreyfus, Jean, Paris, France. Pocket lighters, tinder boxes, etc. 234,375; Oct. 25; Serial No. 248,956; published July 26, 1927. Class 34.

Fox, Carolyn G., doing business as Carolyn Renard, St. Louis, Mo. Facial cleansing and massage creams and lotions, astringent lotions, and lip salves. 234,455; Oct. 25; Serial No. 251,031; published Aug. 9, 1927. Class 6.

French, R. T., Company, The, assignor, by mesne assignments, to The R. T. French Company, Rochester, N. Y. Mustard. 67,193; renewed Jan. 21, 1928.

Fruit Products Co. (See Butterfield, Charles M.)

Georges Favre-Jacot & Company, assignor, to Fabriques des Montres Zenith, successeur de Fabriques des Montres Zenith Georges Favre-Jacot & Cie., Le Locle, Switzerland. Watches and parts of watches. 64,731; renewed Aug. 20, 1927.

Gilbert, Edwin R., doing business as Play-Boy Products Co., Los Angeles, Calif. Dart and target game. 234,342; Oct. 25; Serial No. 248,565; published Aug. 16, 1927. Class 22.

Goddard, Gilbert E., doing business as Goddard & Co., Sidney, Vancouver Island, British Columbia, Canada. Chemical compound. 234,356; Oct. 25; Serial No. 239,360; published Aug. 16, 1927. Class 6.

Goldfarb, M., New York, N. Y. Fresh cut flowers and plants. 234,416; Oct. 25; Serial No. 248,681; published Aug. 16, 1927. Class 1.

Goldmeyer & Arnold, Incorporated, New York, N. Y. Fruit preserves. 234,399; Oct. 25; Serial No. 249,846; published Aug. 16, 1927. Class 46.

Goodrich, B. F., Company, The, New York, N. Y. Stationers' hands made of rubber. 234,474-75; Oct. 25; Serial Nos. 251,333-4; published Aug. 16, 1927. Class 37.

Gorton, George, Machine Company, Racine, Wis. Engraving and die-sinking machines, etc. 234,499; Oct. 25. Class 23.

Grand Mfg. Co., The. (See Ehrich, Edward E.)

Green, Charles W., doing business as The Bilo Co., New York, N. Y. Medicinal preparation. 234,464; Oct. 25; Serial No. 250,746; published Aug. 16, 1927. Class 6.

Greenbaum, Harry L., doing business as Technical Color & Chemical Works, New York, N. Y. Floor paints, varnish stains, paint enamel, and thinner. 234,365; Oct. 25; Serial No. 248,364; published Aug. 16, 1927. Class 16.

Gross-Pfeiffer Tanning Co., The, Peabody, Mass. Leather. 234,476-7; Oct. 25; Serial Nos. 251,052-3; published Aug. 9, 1927. Class 1.

Griggs, Cooper & Company, St. Paul, Minn. Waxed paper and wrapping paper. 234,441; Oct. 25; Serial No. 231,863; published July 19, 1927. Class 37.

Grossman, Joseph, doing business as Kasdum Company, Steubenville, Ohio. Toilet tissue paper. 234,333; Oct. 25; Serial No. 249,004; published Aug. 9, 1927. Class 37.

Guest, Keen & Nettlefolds Limited, London Works, Smethwick, England. Screws of ordinary metal. 234,338-40; Oct. 25; Serial Nos. 248,769-71; published Aug. 16, 1927. Class 13.

Gunz Durler Candy Co., Oshkosh, Wis. Candy. 234,337; Oct. 25; Serial No. 248,834; published Aug. 16, 1927. Class 46.

Hales Milling Company, Milwaukee, Wis. Shelled and unshelled and popped pop corn. 234,377; Oct. 25; Serial No. 248,899; published Aug. 16, 1927. Class 46.

Hall, Chas. W. & Co., Inc., Valparaiso, Ind. Containers. 234,388; Oct. 25; Serial No. 250,308; published Aug. 16, 1927. Class 2.

Hamill, S., Company, Keokuk, Iowa. Baking powder, lye, soda, salt, and bluing. 64,687; renewed Aug. 20, 1927.

Hamill, S., Company, Keokuk, Iowa. Coffee. 64,757; renewed Aug. 20, 1927.

Hamill, S., Company, Keokuk, Iowa. Canned fish and sardines. 65,128; renewed Sept. 10, 1927.

Hamill, S., Company, Keokuk, Iowa. Pancake and buckwheat flour. 65,145; renewed Sept. 10, 1927.

Hamill, S., Company, Keokuk, Iowa. Soap. 65,201; renewed Sept. 10, 1927.

Hillcrest Products Co., St. Louis, Mo. Sandwich spread, mayonnaise dressing, etc. 234,385; Oct. 25; Serial No. 250,451; published Aug. 9, 1927. Class 46.

Hollins, William, and Company, Limited, Mansfield, Radford, Nottingham, Bridgeton, and London, England, and Glasgow, Scotland, assignor, to William Hollins and Company, Limited, London, England. Woolen piece goods and haircloth. 63,690; renewed July 2, 1927.

Honigbaum, Harry H., doing business as Patent Nail & Holder Factories, New York, N. Y. Nails, hinges, etc. 234,341; Oct. 25; Serial No. 248,694; published Aug. 9, 1927. Class 13.

Honigbaum, Harry H., doing business as The Rubber Roofing Co., New York, N. Y. Roll roofing, building paper, and composition shingles. 234,415; Oct. 25; Serial No. 248,695; published Aug. 9, 1927. Class 12.

Houbigant, Inc., New York, N. Y. Perfume, toilet water, face powder, etc. 234,458; Oct. 25; Serial No. 250,995; published Aug. 16, 1927. Class 6.

Houghton, E. F. & Co., Philadelphia, Pa. Oils for lubricating woolen and worsted yarns. 234,454; Oct. 25; Serial No. 251,037; published Aug. 16, 1927. Class 6.

Hy-Lo Oil Heater Company, Peoria, Ill. Oil and gas heating stoves. 234,328; Oct. 25; Serial No. 249,422; published Aug. 16, 1927. Class 34.

Ingrassia, Leon, doing business as I. Leon Company, New York, N. Y. Pads for use in permanent hair waving and for permanent hair-waving machines and appliances. 234,371; Oct. 25; Serial No. 247,738; published Aug. 16, 1927. Class 44.

Jobbers Candy Co., Inc., doing business as The Aga-Jell Co., Bristol, Va. Candy. 234,336; Oct. 25; Serial No. 248,839; published Aug. 16, 1927. Class 46.

Johnson & Baillie, Millersburg and Halifax, Pa., to Johnson-Baillie Shoe Company, Millersburg, Pa., successor. Shoes and slippers. 31,101; renewed Jan. 4, 1928.

Jordan Marsh Company, Boston, Mass. Ironing-board covers and pads. 234,392; Oct. 25; Serial No. 250,243; published Aug. 16, 1927. Class 24.

Kasdum Company. (See Grossman, Joseph.)

Keystone Steel & Wire Company, South Bartonville, Peoria, Ill. Bale ties. 234,403; Oct. 25; Serial No. 249,730; published Aug. 9, 1927. Class 13.

Kezar, Hiram L., assignor to F. A. Brown and H. W. Randall, Durand, Wis. Salve. 234,438; Oct. 25; Serial No. 233,647; published Aug. 16, 1927. Class 6.

Klick Products Co., The, Grand Junction, Colo. Candy ice-cream cups. 234,376; Oct. 25; Serial No. 246,911; published July 5, 1927. Class 46.

Ko-Cin-Ko Company, The, Oklahoma City, Okla. Baby balm. 234,351; Oct. 25; Serial No. 242,301; published May 24, 1927. Class 6.

Kren, Jos. G., Syracuse, N. Y. Baseball bats. 234,370; Oct. 25; Serial No. 248,003; published Aug. 16, 1927. Class 22.

La Verne Orange Association, La Verne, Calif. Oranges, lemons, and grapefruit. 234,348; Oct. 25; Serial No. 243,375; published Aug. 16, 1927. Class 46.

Lake, Robert H., Takoma Park, Md. Uniform-cap cover stretcher. 234,421; Oct. 25; Serial No. 248,306; published Aug. 9, 1927. Class 50.

Lederer, Henry, & Bro. Inc., Providence, R. I. Pyrophoric pocket cigar lighters. 234,334; Oct. 25; Serial No. 248,914; published July 26, 1927. Class 34.

Lehigh Chemist, Inc., New York, N. Y. Rouge. 234,494; Oct. 25. Class 6.

Lehman, Charles, Greensburg, Pa. Bolt provided with means for locking a nut thereon. 234,510; Oct. 25. Class 13.

Leon, L., Company. (See Ingrassia, Leon.)

Leonhardt, Dr., Co., Buffalo, N. Y. Remedy for the treatment of piles. 234,507; Oct. 25. Class 6.

Levy Bros. & Adler Rochester Inc. (See Adler, L. Bros. & Co.)

Lichtenberger-Ferguson Company, Los Angeles, Calif. Sole leather. 234,344; Oct. 25; Serial No. 244,779; published Aug. 16, 1927. Class 1.

Lipscomb Bros. Inc., New Orleans, La. Maltless table and cooking sirups. 234,457; Oct. 25; Serial No. 251,001; published Aug. 9, 1927. Class 46.

Logan Company, Louisville, Ky. Ornamental wire and iron work. 234,447; Oct. 25; Serial No. 215,801; published Aug. 16, 1927. Class 12.

Lubbers & Bell Manufacturing Co., Clinton, Iowa. Fly swatters. 234,413; Oct. 25; Serial No. 249,077; published Aug. 16, 1927. Class 50.

Luxor, Limited, Chicago, Ill. Cold cream, lip stick, face powder, etc. 234,418; Oct. 25; Serial No. 248,580; published Aug. 16, 1927. Class 6.

M. & P. Products Co., Detroit, Mich. Kegs and barrels. 234,387; Oct. 25; Serial No. 250,313; published Aug. 2, 1927. Class 2.

Majestic Company, The, Huntington, Ind. Hot-air heater, etc. 234,382; Oct. 25; Serial No. 245,738; published July 26, 1927. Class 34.

Manhattan Baking Powder Co., Inc., Brooklyn, N. Y. Compound for preparing chocolate food drinks. 234,461; Oct. 25; Serial No. 250,852; published Aug. 9, 1927. Class 46.

Marvel Laboratories Company. (See Pezzella, Albert.)

Marron Corporation, The, Poughkeepsie, N. Y. Salve. 234,425; Oct. 25; Serial No. 250,811; published Aug. 16, 1927. Class 6.

Marteller Coal Company, The, Keyser, W. Va. Coal. 234,479; Oct. 25; Serial No. 250,928; published Aug. 16, 1927. Class 1.

Mayer, Max, doing business as The Max Mayer Company, New York, N. Y. Electric incandescent and arc lamps. 234,492; Oct. 25; Serial No. 251,146; published Aug. 16, 1927. Class 26.

McCormick & Co., Incorporated, Baltimore, Md. Insecticides. 234,453; Oct. 25; Serial No. 251,146; published Aug. 16, 1927. Class 6.

Metropolitan Body Company, The, Bridgeport, Conn. Automotive vehicle cabs, dump bodies, and rack bodies. 234,381; Oct. 25; Serial No. 245,852; published Aug. 9, 1927. Class 19.

Meyer, August A., doing business as Universal Water Softener Co., (Not Inc.), Maywood, Ill. Apparatus for filtering and softening water. 234,491; Oct. 25. Class 31.

Miller Laboratories, Inc., The, Chicago, Ill. Antiseptic, deodorant, and healing preparation. 234,369; Oct. 25; Serial No. 248,044; published Aug. 9, 1927. Class 6.

Miller, Palmer & Co., Dubuque, Iowa. Toy gliders. 234,364; Oct. 25; Serial No. 236,885; published Aug. 16, 1927. Class 22.

Mills Woven Cartridge Belt Co., assignor to Mills Belt Company, Worcester, Mass. Military equipments. 65,890; renewed Oct. 20, 1927.

Morin's Laboratories, Inc., Newton, Mass. Chemical preparations. 234,353; Oct. 25; Serial No. 240,618; published Aug. 16, 1927. Class 6.

Murray Corporation of America, The, Detroit, Mich. Vehicle bodies. 243,329-30; Oct. 25; Serial Nos. 249,365-6; published July 26, 1927. Class 19.

National Sanitary Rag Co., San Francisco, Calif. Rags and old newspapers. 234,426; Oct. 25; Serial No. 250,517; published Aug. 16, 1927. Class 1.

Neelie & Anglo-Swiss Condensed Milk Co., Cham, Switzerland, assignor to Nestle's Food Company, Inc., New York, N. Y. Coffee with milk. 67,164; renewed Jan. 21, 1928.

Nipola Company, The. (See Sinykin, Arthur T.)

Odor-Nox Chemical Company, Los Angeles, Calif. Deodorants, disinfectants, antiseptics, and germicides. 234,420; Oct. 25; Serial No. 248,423; published Aug. 16, 1927. Class 6.

Orr & Semhower, Inc., Reading, Pa. Coal, wood, oil, or gas burning steam and hot-water heating furnaces. 234,326; Oct. 25; Serial No. 249,486; published Aug. 2, 1927. Class 34.

Osberg, John E., doing business as Rixon Novelty Co. and Rixon Nov. Co., Chicago, Ill. Game of chance played with numbered and marked pieces. 234,396; Oct. 25; Serial No. 249,991; published Aug. 16, 1927. Class 22.

Pabst Corporation, Milwaukee, Wis. Malt sirup. 234,378; Oct. 25; Serial No. 246,563; published May 10, 1927. Class 46.

Pacific Gas Radiator Company, Los Angeles, Calif. Radiant gas heaters, wall gas heaters, and gas heaters. 234,352; Oct. 25; Serial No. 240,995; published July 26, 1927. Class 34.

Pacific Manifold Book Company, Oakland, to Pacific Manifold Book Company, Emeryville, Calif. Sales books. 64,367; renewed Aug. 6, 1927.

Parfums Dixor. (See Schoepfer, M.)

Parkersburg Iron and Steel Co., The, Beechwood, Parkersburg, W. Va. Stovepipes. 234,367; Oct. 25; Serial No. 248,191; published July 26, 1927. Class 34.

Patent Nail & Holder Factories. (See Honigbaum, Harry H.)

Perkins Goodwin Company, The, New York, N. Y. Printing paper. 234,487; Oct. 25. Class 37.

Perry & Derrick Co., The, Dayton, Ohio. Enamel paint and ready-mixed paint. 234,402; Oct. 25; Serial No. 249,746; published Aug. 9, 1927. Class 16.

Pezzella, Albert, doing business as Marvel Laboratories Company, New York, N. Y. Medicated chewing gum. 234,434; Oct. 25; Serial No. 234,800; published Aug. 16, 1927. Class 6.

Play-Boy Products Co. (See Gilbert, Edwin R.)

Plusco Company, Inc., The, Concord, N. H. Pipe hangers. 234,386; Oct. 25; Serial No. 250,323; published July 26, 1927. Class 13.

Portland Flouring Mills Co., The, Portland, Oreg., to Sperry Flour Co., San Francisco, Calif., successor. Wheat, pancake, cake, and pastry flour. 65,071; renewed Sept. 3, 1927.

Pozsoni, J. A., Pharmaceutical Company, The, New York, N. Y. Complexion powder. 234,343; Oct. 25; Serial No. 251,013; published Aug. 16, 1927. Class 6.

Preferred Products, Inc., Los Angeles, Calif. Tonic. 234,401; Oct. 25; Serial No. 249,805; published Aug. 16, 1927. Class 6.

Printex Company, The, St. Petersburg, Fla. Chemical compositions. 234,495; Oct. 25. Class 6.

Pupella, Salvatore, doing business as Alpha Laboratories, New York, N. Y. Powder for alleviating pain of burns, sores, and wounds. 234,451; Oct. 25; Serial No. 251,241; published Aug. 16, 1927. Class 6.

Quiz Chemical Company. (See Ely, Albert E.)

Randall, Henry W., et al. (See Kezar, Hiram L., assignor.)

Raymond City Coal Company, The, Cincinnati, Ohio. Coal. 234,488; Oct. 25. Class 1.

Red Lodge Canning Company, Red Lodge, Mont. Canned vegetables. 234,489; Oct. 25. Class 46.

Red Monk Medicinal Wine Co. (See Crevey, William.)

Reed, Dr. A., Shoe Co. Inc., The, Los Angeles, Calif. Arch-support shoes. 234,515; Oct. 25. Class 39.

Renard, Carolyn. (See Fox, Carolyn G.)

Rexite Company. (See Wood, William H.)

Richards, Inc., Glen Olden, Pa. Laxative. 234,423; Oct. 25; Serial No. 246,569; published May 31, 1927. Class 6.

Richter, Friedrich A., Rudolstadt, Germany, and New York, N. Y., assignor, by mesne assignments, to F. Ad. Richter & Co., Brooklyn, N. Y. Soap. 64,399; renewed Aug. 6, 1927.

Rixon Novelty Co. (See Osberg, John E.)

Robbins, R. D., Estate. (See Roberts, W. J.)

Roberts, W. J., doing business as R. D. Robbins Estate, Suisun, Calif. Deciduous fruits. 234,472; Oct. 25; Serial No. 251,630; published Aug. 16, 1927. Class 46.

Rosebud Perfume Company. (See Smith, George F.)

Rossite Manufacturing Co., Inc., Rockville Center, N. Y. Compositions for cleaning and polishing. 234,332; Oct. 25; Serial No. 249,297; published Aug. 16, 1927. Class 16.

Royal River Manufacturing & Power Company, Boston, Mass. Seamless cotton bags. 234,466-67; Oct. 25; Serial No. 250,713-14; published Aug. 16, 1927. Class 2.

Roycrofters, The, East Aurora, N. Y. Candlesticks, sconces, lamps, etc. 234,379; Oct. 25; Serial No. 246,438; published July 26, 1927. Class 34.

Rubber City Mfg. Co., The, Akron, Ohio. Plastic composition used as floor covering. 234,444; Oct. 25; Serial No. 227,729; published Aug. 16, 1927. Class 12.

Rubber Roofing Co., The. (See Honigbaum, Harry H.)

Ruas-Suchard & Cie. (See Suchard Societe Anonyme.)

Rutshaw, Henry W., Chicago, Ill. Salves. 234,378; Oct. 25; Serial No. 247,144; published Aug. 16, 1927. Class 6.

Saffold, James W., doing business as The Devices Development Company, Cleveland, Ohio. Illustrative specimens and models of patented inventions of different types. 234,439; Oct. 25; Serial No. 232,101; published Aug. 16, 1927. Class 50.

Safer, S., Inc., Jersey City, N. J. Wrapping paper. 234,473; Oct. 25; Serial No. 251,458; published Aug. 16, 1927. Class 37.

Sager Pen Corporation, The, Chicago, Ill., and New York, N. Y. Fountain pens. 234,459; Oct. 25; Serial No. 250,941; published Aug. 16, 1927. Class 37.

Sands Manufacturing Company, The, Cleveland, Ohio. Gas water heaters. 234,395; Oct. 25; Serial No. 250,040; published Aug. 16, 1927. Class 34.

Scarlett, William G., doing business as Wm. G. Scarlett & Co., Baltimore, Md. Grass and field seeds. 234,405; Oct. 25; Serial No. 250,421; published Aug. 9, 1927. Class 1.

Schaper, Harry C., doing business as Schaper Scale Company, St. Louis, Mo. Weighing scales. 234,490; Oct. 25. Class 26.

Schoepfer, M., doing business as Parfums Dixor, Paris, France. Toilet preparation in paste form. 234,368; Oct. 25; Serial No. 248,063; published Aug. 9, 1927. Class 6.

Seelhoff, Robert G., doing business as Robert G. Seelhoff and Company, Chicago, Ill. Cotton and silk and artificial-silk draperies. 234,511; Oct. 25. Class 42.

Sheepool, George. (See Universal Candy Company, assignor.)

Shepler, Florence W., doing business as The F. W. Shepler Stove Company, Pittsburgh, Pa. Heating devices. 234,448; Oct. 25; Serial No. 214,280; published July 26, 1927. Class 34.

Sinykin, Arthur T., doing business as The Nipola Company, St. Paul, Minn. Perfumes and perfumed hair tonics. 234,456; Oct. 25; Serial No. 251,019; published Aug. 9, 1927. Class 6.

Slater, Joseph, Limited, Aberdeen, Scotland. Pickled herrings. 234,445; Oct. 25; Serial No. 883; published Aug. 16, 1927. Class 46.

Small, Fred A., and Robert H. Horak, doing business as The Doloricide Laboratories, Cedar Rapids, Iowa. Antipain tablet. 234,380; Oct. 25; Serial No. 246,056; published Aug. 16, 1927. Class 6.

Smith, E. L. & Co., Barre, Vt. Blocks of granite not prepared for building purposes. 234,414; Oct. 25; Serial No. 248,938; published Aug. 16, 1927. Class 1.

Smith, George F., doing business as Rosebud Perfume Company, Woodsboro, Md. Preparation for the relief of colds, croup, etc. 234,391; Oct. 25; Serial No. 250,268; published Aug. 9, 1927. Class 6.

Southern Pine Remedies, Incorporated, Brooklyn, N. Y. Medicinal ointment. 234,407; Oct. 25; Serial No. 250,328; published Aug. 16, 1927. Class 6.

ALPHABETICAL LIST OF REGISTRANTS OF TRADE-MARKS.

Sparklets, Incorporated, New York, N. Y. Siphon bottles. 234,366; Oct. 25; Serial No. 248,200; published July 26, 1927. Class 2.

Sperry Flour Co. (See Portland Flouring Mills Co., The.)

Standard Fuel Engineering Company, Detroit, Mich. Fire brick. 234,422; Oct. 25; Serial No. 247,759; published Aug. 16, 1927. Class 12.

Standard Oil Company (New Jersey), Bayonne, N. J. Mineral oils for chemical, medicinal, and pharmaceutical purposes. 234,484; Oct. 25. Class 6.

Steele and Johnson Mfg. Co., Waterbury, Conn. Dish-washers. 234,397; Oct. 26; Serial No. 249,935; published July 26, 1927. Class 13.

Steele and Johnson Mfg. Co., Waterbury, Conn. Non-electric cigar lighters. 234,398; Oct. 25; Serial No. 249,934; published Aug. 16, 1927. Class 34.

Sterling Products (Incorporated), Wheeling, W. Va. Medicines. 234,433; Oct. 25; Serial No. 236,100; published May 17, 1927. Class 6.

Storey, Willard M., doing business as W. M. Storey Lumber Company, Winston-Salem, N. C. Bottle crates. 234,325; Oct. 25; Serial No. 249,551; published Aug. 2, 1927. Class 2.

Suchard Societe Anonyme, Neuchatel, Switzerland, as assignee of Russ-Suchard & Cie., assignor to Suchard, S. A., Serrieres, Switzerland. Chocolate, cocoa, and chocolate candies. 63,555; renewed June 25, 1927.

Sunland Laboratories, Inc., Los Angeles, Calif. Salves, ointment, face powder, etc. 234,431; Oct. 25; Serial No. 238,449; published Aug. 16, 1927. Class 6.

Sunland Laboratories, Inc., Los Angeles, Calif. Salves, ointment, face powder, etc. 234,432; Oct. 25; Serial No. 238,447; published Aug. 16, 1927. Class 6.

Superior Sheet Steel Company, The, Canton, Ohio. Lead covered or coated steel or iron sheets. 234,512; Oct. 25. Class 14.

Technical Color & Chemical Works. (See Greenbaum, Harry L.)

Trankina, J. & Co., Chicago, Ill. Tomatoes. 234,463; Oct. 25; Serial No. 250,766; published Aug. 16, 1927. Class 46.

Tucker Pharmacal Co., The, Brooklyn, N. Y., assignor to Tucker Pharmacal Company, New York, N. Y. Remedy for epilepsy. 67,770; renewed Feb. 18, 1928.

Turner, A. Franklin, doing business as Family Medicine Co., Arthur, Ill. Medicinal preparation. 237,327; Oct. 25; Serial No. 249,448; published Aug. 16, 1927. Class 6.

Turner, Alfred S., doing business as Turner Brothers, Bladen, Neb., and Wellington, Ohio. Paraffin-treated cloth for window coverings and the like. 234,424; Oct. 25; Serial No. 245,816; published Aug. 16, 1927. Class 50.

Twindolox Corporation, Long Beach, Calif. Window lock. 234,469; Oct. 25; Serial No. 250,479; published Aug. 16, 1927. Class 25.

Ultra-Nu Basket Co. (See Cook, Grafton H.)

Union Hardware Company, Torrington, Conn. Tapered and tapered steel tubing. 234,437; Oct. 25; Serial No. 232,664; published Aug. 16, 1927. Class 13.

United States Hoffman Machinery Corporation, The, New York, N. Y. Garment-pressing machines. 234,508; Oct. 25. Class 24.

ALPHABETICAL LIST OF REGISTRANTS OF LABELS.

Adams, William C., doing business as Adams Mfg. Co., Panama City, Fla. Adams Roach and Water Bug Killer. For insecticide. 32,891; Oct. 25.

Amend, Fred W., Co., Chicago, Ill. Patches. For Candy. 32,892; Oct. 25.

Arista Neckwear Co., New York, N. Y. Arista Quality Cravat. For Four-in-Hand Ties. 32,893; Oct. 25.

Better Products Co. (See Kircher, Stephen A.)

Climax Bathing Suit Company, Philadelphia, Pa. Climax-sun Bath. For Bathing Suits. 32,894; Oct. 25.

Dorado Club Beverage Co., Los Angeles, Calif. Dorado Club Pale Dry Ginger Ale. For Ginger Ale. 32,895; Oct. 25.

Federal Cartridge Corporation, Minneapolis, Minn. Federal Trap Shells. For Loaded Shotgun Shells. 32,896; Oct. 25.

French Sardine Company of California, doing business as French Sardine Company, Terminal Island, Calif. Blue Banner. For Canned Fish. 32,897; Oct. 25.

Hawley, Fred B., doing business as Hawley's Grist-Mill, Long Beach, Calif. Play Coffee. For a Health Beverage. 32,898; Oct. 25.

Hay, Lydia O., doing business as Lydia O. Hay Medicine Co., Lynn, Mass. Lydia O. Hay's Herb Compound. For Herb Compound. 32,899; Oct. 25.

Hongue-Sprague Corporation, Lynn, Mass. Frank Werner Co. For Footwear. 32,900; Oct. 25.

Hongue-Sprague Corporation, Lynn, Mass. The John Irving Shoe. For Footwear. 32,901; Oct. 25.

Italian-Swiss Colony, San Francisco, Calif. Asti Colony. For Grape Juice. 32,902; Oct. 25.

Universal Candy Company, assignor, by mesne assignments, to George Sheopulos, Chicago, Ill. Candy. 234,449; Oct. 25; Serial No. 118,576; published June 22, 1920. Class 46.

Universal Water Softener Co. (See Meyer, August A.)

Upjohn Company, The, Kalamazoo, Mich. Tablets for the treatment of heart diseases. 234,470; Oct. 25; Serial No. 251,800; published Aug. 16, 1927. Class 6.

Upjohn Company, The, Kalamazoo, Mich. Ointment. 234,471; Oct. 25; Serial No. 251,799; published Aug. 16, 1927. Class 6.

Van Camp Packing Company, The, Indianapolis, Ind. Canned beans. 234,394; Oct. 25; Serial No. 250,052; published Aug. 16, 1927. Class 46.

Vauxhall Motors Limited, Luton, Bedfordshire, England. Automobiles and chassis therefor. 234,465; Oct. 25; Serial No. 250,725; published Aug. 16, 1927. Class 19.

Wahl, John, Chicago, Ill. Liniment. 234,324; Oct. 25; Serial No. 249,622; published Aug. 9, 1927. Class 6.

Wahl, M., & Son, New York, N. Y. Toilet preparations. 234,412; Oct. 25; Serial No. 249,308; published Aug. 16, 1927. Class 6.

Walker, A. B., & Son, Corsicana, Tex. Dressed poultry and eggs. 234,500; Oct. 25. Class 46.

Weaver-Jackson Company, Los Angeles, Calif. Shampoo. 234,345; Oct. 25; Serial No. 243,633; published Aug. 16, 1927. Class 6.

Weber, Albert J., Dallas, Tex. Root beer. 234,506; Oct. 25. Class 45.

Welskopf, Henry, Company, The. (See Atlas Paint Manufacturing Company.)

Werk, M. Co., The, to The M. Werk Company, St. Bernard, Ohio. Soap. 64,966; renewed Sept. 3, 1927.

Werk, M. Co., The, Cincinnati, Ohio, to The M. Werk Company, St. Bernard, Ohio. Soap. 65,321; renewed Sept. 17, 1927.

Werk, M. Co., The, Cincinnati, Ohio, to The M. Werk Company, St. Bernard, Ohio. Soap. 65,535; renewed Oct. 8, 1927.

White, Albert A., doing business as White Brothers, Long Beach, Calif. Furniture polish, automobile polish, and paint remover. 234,372; Oct. 25; Serial No. 247,233; published Aug. 9, 1927. Class 16.

Williams and Company, Inc., Pittsburgh, Pa. Welding wire adapted to be deposited on a metal article in the process of welding. 234,322; Oct. 25; Serial No. 249,687; published Aug. 9, 1927. Class 14.

Wood, William H., doing business as Rexlite Company, Cleveland, Ohio. Metal headlight reflectors. 234,436; Oct. 25; Serial No. 233,803; published Aug. 2, 1927. Class 34.

Woodfield, W., assignor to William Woodfield & Sons Limited, Redditch, England. Needles and fishhooks. 30,065; renewed May 18, 1927.

Wrenn Paper Company, The, Middletown, Ohio. Blotting paper. 234,485; Oct. 25. Class 37.

Wright Brothers Pharmacal Laboratory, Orange, N. J. Ointment. 234,481; Oct. 25. Class 6.

Yates Lumber Company, Penn Yan, N. Y. Grape baskets and shipping baskets. 234,323; Oct. 25; Serial No. 249,630; published Aug. 2, 1927. Class 2.

Zorn Products Co., Michigan City, Ind. Hops. 234,419; Oct. 25; Serial No. 248,542; published Aug. 16, 1927. Class 1.

ALPHABETICAL LIST OF REGISTRANTS OF PRINTS.

Cream of Wheat Co., Minneapolis, Minn. The Hardest Crop to Raise—Babies. Wheat Breakfast Food. 10,312; Oct. 25.

Cream of Wheat Co., Minneapolis, Minn. Working Wonders for Teachers in 60,000 Schools. For Wheat Breakfast Food. 10,313; Oct. 25.

Cream of Wheat Co., Minneapolis, Minn. The Use of Carbohydrates in Infant Feeding. For Wheat Breakfast Food. 10,314; Oct. 25.

D & C Co., Inc., The, Wilmington, Del., and New York, N. Y. For Dessert My-T-Fine. For Dessert Preparations. 10,315; Oct. 25.

Excelsior Stove & Manufacturing Company, Quincy, Ill. Mantle National. For Stoves. 10,316; Oct. 25.

Italian Swiss Colony, San Francisco, Calif. Italian Swiss Colony. For Grapes and Grape Products. 10,317; Oct. 25.

Johnson, Charles Eneu, and Company, Philadelphia, Pa. Independence Hall. For Printing Inks. 10,318; Oct. 25.

Johnson, Charles Eneu, and Company, Philadelphia, Pa. Crow Inn. For Printing Inks. 10,319; Oct. 25.

Johnson, Charles Eneu, and Company, Philadelphia, Pa. Printing Press. For Printing Inks. 10,320; Oct. 25.

Singer Manufacturing Company, The, Elizabeth, N. J. Singer Five Drawer Cabinet Table. For Sewing Machines. 10,321; Oct. 25.

Squibb, E. R., & Sons, New York, N. Y. Dentists Say This to Beautiful Women. For Dental Cream. 10,322; Oct. 25.

Squibb, E. R., & Sons, doing business as Squibb's, New York, N. Y. Here, In Simple Terms, Are the Facts About Proper Mouth Hygiene. For Dental Cream. 10,323; Oct. 25.

Squibb, E. R., & Sons, doing business as Squibb's, New York, N. Y. Guard Your Children's Teeth and Gums—This Statement By the Dental Profession Tells You How. For Dental Cream. 10,324; Oct. 25.

Squibb, E. R., & Sons, doing business as Squibb's, New York, N. Y. Dentists Overwhelmingly Support Us in Our Warning to Guard the Danger Line. For Dental Cream. 10,325; Oct. 25.

Squibb, E. R., & Sons, doing business as Squibb's, New York, N. Y. The Dental Profession of America Renders an Opinion. For Dental Cream. 10,326; Oct. 25.

Squibb, E. R., & Sons, doing business as Squibb's, New York, N. Y. They Have Reached a Verdict. For Dental Cream. 10,327; Oct. 25.

Squibb, E. R., & Sons, doing business as Squibb's, New York, N. Y. What Is the Danger? Where Does It Threaten? How Can you Ward It Off? For Dental Cream. 10,328; Oct. 25.

Squibb, E. R., & Sons, doing business as Squibb's, New York, N. Y. 50,000 Questions—and One Answer. For Dental Cream. 10,329; Oct. 25.

Squibb, E. R., & Sons, doing business as Squibb's, New York, N. Y. You Can Trust the Name "Squibb" as You Trust Your Physician. For Milk of Magnesia. 10,330; Oct. 25.

Squibb, E. R., & Sons, doing business as Squibb's, New York, N. Y. The Only Existing Authority Tells You How to Protect your Teeth and Gums. For Dental Cream. 10,331; Oct. 25.

ALPHABETICAL LIST OF TRADE-MARK APPLICANTS.

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[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

Ace Yeast Company, Davenport, Iowa. Yeast. 251,106; Oct. 25. Class 46.

Adams Watch Co., Inc., New York, N. Y. Watches, watch-cases, and watch movements. 253,345; Oct. 25. Class 27.

Adjuta Co., New York, N. Y. Buckles. 253,722; Oct. 25. Class 40.

Advertising Sale Agency. (See Baron, Lena F.)

Afro-American Company, Baltimore, Md. Newspapers. 254,612; Oct. 25. Class 38.

Alberta Mills, Inc., Philadelphia, Pa. Bathing suits. 253,404; Oct. 25. Class 39.

Alpine Press, Inc., Newark, N. J. Publication. 254,340; Oct. 25. Class 38.

American Chicle Company, Long Island City, N. Y. Chewing gum. 249,108; Oct. 25. Class 46.

American Druggists Syndicate, Long Island City and New York, N. Y. Sanitary napkins. 253,971; Oct. 25. Class 44.

American Electric Company. (See Monarch Telephone Manufacturing Company, assignor.)

American Hair Felt Company, Chicago, Ill. Hair-felt products for sound-densening and thermal insulation. 249,771; Oct. 25. Class 12.

American Society for Steel Treating, Cleveland, Ohio. Periodicals. 254,262; Oct. 25. Class 38.

American Society for Steel Treating, Cleveland, Ohio. Periodicals, handbooks, supplemental sheets, and miscellaneous printed matter. 254,375; Oct. 25. Class 38.

Anchor Coal Company, Cleveland, Ohio. Coal. 253,824; Oct. 25. Class 1.

Anlin & Co., New York, N. Y. Flagpole holder. 251,532; Oct. 25. Class 13.

Aron, J., & Company, Inc., New York, N. Y. Green coffee. 252,930; Oct. 25. Class 46.

Associated Oil Company, San Francisco, Calif. Kerosene. 251,814; Oct. 25. Class 15.

Associated Oil Company, San Francisco, Calif. Gasoline and motor oil. 253,875; Oct. 25. Class 15.

Attica Mills, The, Attica, Kans. Wheat flour. 237,771; Oct. 25. Class 46.

Autofount System Incorporated, Washington, D. C. Beverage-dispensing machines and parts thereof. 253,688; Oct. 25. Class 23.

B-M-B Clearshield Company, Okmulgee, Okla. Clear-vision composition. 254,376; Oct. 25. Class 4.

Baltimore Chewing Gum Co. (See Goetze, William A.)

Bamberger, L., & Company, Newark, N. J. Dolls. 254,269; Oct. 25. Class 22.

Baron, Lena F., doing business as Advertising Sale Agency, New Orleans, La. Insecticide. 252,413; Oct. 25. Class 6.

Bartholomew, Dr., Remedy Co., Winter Park, Fla. Tablets for disorders of the kidneys and bladder. 254,619; Oct. 25. Class 6.

Bass-Hueter Paint Company, San Francisco, Calif. Paints, varnishes, paint enamels, etc. 250,896; Oct. 25. Class 10.

Batterien- u. Elemente-Fabrik System Zeller Aktiengesellschaft, Berlin, Germany. Electric batteries. 251,648; Oct. 25. Class 21.

Beaumont, D. W., & Co., Inc., New York, N. Y. Fountain pens. 244,649; Oct. 25. Class 37.

Becker, Edw. M., Company, The, Cleveland, Ohio. Candy. 252,458; Oct. 25. Class 46.

Beggs, Annabell H., doing business as H-O Chemical Company, Denver, Colo. Cleaning fluid. 249,039; Oct. 25. Class 4.

Blanchini, Ferrier, Lyon, France. Silk fabrics. 247,668; Oct. 25. Class 42.

Bloch Company, The, Cleveland, Ohio. Men's suits. 251,600; Oct. 25. Class 39.

Blue Book Publishing Company, The. (See Spector, I. Raymond.)

Borgfeldt, Geo., & Co., New York, N. Y. Dolls, toy animal figures, and other toy animate figures. 252,144; Oct. 25. Class 22.

Boss Manufacturing Company, The, Kewanee, Ill., and Brooklyn, N. Y. Gloves and mittens. 252,935-6; Oct. 25. Class 39.

Bowker, Leighton, New York, N. Y. Fire extinguishers. 254,030; Oct. 25. Class 23.

Bradass & Gheens. (See Gheens, C. E.)

Brock, John D., doing business as Specialty Optical Co., Kansas City, Mo. Optical frames. 247,259; Oct. 25. Class 26.

Brown, George A., doing business as Tropic Shoe Dressing Co., Honolulu, Hawaii. Cleaner for white kid, buckskin, and canvas shoes. 253,530; Oct. 25. Class 4.

Brown Manufacturing Co., Le Roy, N. Y. Preparations for liver complaint. 225,869; Oct. 25. Class 6.

Brown, Paul W., St. Louis, Mo. Magazine. 253,677; Oct. 25. Class 38.

Buell, George C., & Co., Inc., Rochester, N. Y. Tea and coffee. 251,540; Oct. 25. Class 46.

Buick Motor Company, Flint, Mich. Printed publication. 254,791; Oct. 25. Class 38.

Burnham, E., Inc., Chicago, Ill. Liquid powder, shampoo powder, etc. 230,659; Oct. 25. Class 6.

Buzza Company, The, Minneapolis, Minn. Gift mottoes. 234,374; Oct. 25. Class 38.

Cadotte Freres (Societe a Responsabilite Limitee), Paris, France. Perfume, toilet water, face powder, etc. 254,541; Oct. 25. Class 6.

California Animal Products Co., Oakland, Calif. Canned meat and vegetables for cats and dogs. 254,624; Oct. 25. Class 46.

California By-Products Co., San Francisco, Calif. Tennis strings. 254,381; Oct. 25. Class 22.

California Petroleum Corporation, Los Angeles, Calif. Motor oil. 253,736; Oct. 25. Class 16.

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California Rex Spray Co., Benicia, Calif. Fly repellent. 254,347; Oct. 25. Class 6.

Cape City Laboratories, Cape Elizabeth, Me. Massage cream. 254,703; Oct. 25. Class 6.

Capitol Battered Works. (See Lind, David.)

Carreras, Charles, Brooklyn, N. Y. Ornamental seat pads. 253,830; Oct. 25. Class 42.

Central States Laboratories, Chicago, Ill. Salve. 254,072; Oct. 25. Class 6.

Chappel Bros., Inc., Rockford, Ill. Animal tonic. 253,937; Oct. 25. Class 6.

Charmaphone Company. (See Simpson, John.)

Chemische Fabrik Helfenberg A. G. vorm. Eugen Dieterich, Helfenberg, near Dresden, Germany. Medicaments. 249,948; Oct. 25. Class 6.

Cheney Brothers, South Manchester, Conn. Woven, knitted, netted, textile, and pile fabrics in the piece. 252,943; Oct. 25. Class 42.

Cloutier, Urie, Fall River, Mass. Bluing for laundry purposes. 254,125; Oct. 25. Class 6.

Cohen, Harry J., doing business as Royalty Specialty Company, Philadelphia, Pa. Barley-malt sirup. 251,027; Oct. 25. Class 46.

Consolidation Coal Company, The, New York, N. Y. Coal. 253,458-60; Oct. 25. Class 1.

Consolidation Coal Company, The, New York, N. Y. Coal. 253,462; Oct. 25. Class 1.

Cosmetique Laboratories of America, Portland, Oreg. Cosmetics. 252,887; Oct. 25. Class 6.

Cosmetique Laboratories of America, Portland, Oreg. Perfumes. 252,889; Oct. 25. Class 6.

Cosmetique Laboratories of America, Portland, Oreg. Perfumes. 252,891-2; Oct. 25. Class 6.

Courlands, Limited, London, England. Cellulose filaments. 250,980; Oct. 25. Class 43.

Craftex Company, Boston, Mass. Water paint. 233,870; Oct. 25. Class 16.

Curran, John P., doing business as Curran Laboratories, New York, N. Y. Dressing for the hair. 254,742; Oct. 25. Class 6.

D. W. & C. L. (See Wulle, Dan, & Company, Incorporated.)

Davis, W. B. & Son Co., Inc., New York, N. Y. Hosiery. 254,325; Oct. 25. Class 39.

Day, E. J. W., Jacksonville, Fla. Preparation for use in external treatment of the eyes. 254,962; Oct. 25. Class 6.

Deltex Products Co. (See Lowenthal, Frederick.)

Demarce, Delmar E., Chicago, Ill. Hairdressing oils and hair-waving fluid. 253,182; Oct. 25. Class 6.

Denny, William F., doing business as Denny & Denny, Philadelphia, Pa. Toilet preparations. 253,360; Oct. 25. Class 6.

Destombes & Vandeputte, Paris and Roubaix, France. Woolen threads and yarns. 242,523; Oct. 25. Class 43.

Detra Flag Company, Inc., Oaks, Pa. Flags, pennants, banners, etc. 247,990; Oct. 25. Class 50.

De Witt Grocery Company, Brattleboro, Vt. Maple sirup, pastry flour, and mince meat. 252,764; Oct. 25. Class 46.

Dittlinger Film Co., New Braunfels, Tex. Bulk and package film. 253,790; Oct. 25. Class 12.

Doehler Die-Casting Co., Brooklyn, N. Y. Unfinished die castings. 251,434; Oct. 25. Class 14.

Dot Products Inc., Detroit, Mich. Washing powder. 253,361; Oct. 25. Class 4.

Douglas Co., The, Menlo Park, Calif. Pyrophoric pocket lighters. 253,334; Oct. 25. Class 34.

Dres-Sir Trunk Company. (See Galloway, James M.)

Dupont, Donat, executor of the estate of Philippe Dupont, Auburn, Me. Bread. 252,094; Oct. 25. Class 46.

E. M. E. Corporation, doing business as Kemiko Mfg. Co., Newark, N. J. Disinfectants, deodorants, etc. 251,549; Oct. 25. Class 6.

E. Z. Walk Arch Corporation, The, New York, N. Y. Supports for the arches and other parts of the feet and inner supporting soles. 208,331; Oct. 25. Class 44.

Ethiopian Chemical Company, The. (See Mitchell, Annie E.)

Fawcett Publications, Inc., Robbinsdale, Minn. Monthly publication. 253,648; Oct. 25. Class 38.

Federal Gauge Company, The, Chicago, Ill. Mercury-tube electric switches, temperature-operated electric switches, etc. 240,072; Oct. 25. Class 21.

Felst, Max, New York, N. Y. Piece goods composed of artificial silk and cotton. 241,148; Oct. 25. Class 42.

Fisher Bros. Co., The, Cleveland, Ohio. Coffee. 254,448; Oct. 25. Class 46.

Fitchburg Yarn Company, Fitchburg, Mass. Yarns. 251,185; Oct. 25. Class 43.

Fits-U Cap Company, St. Louis, Mo. Caps. 238,369; Oct. 25. Class 39.

Ford Food Products. (See Lactein Company, The.)

Foster, Albert T., Jersey City, N. J. Stiff ironed men's dress shirts. 199,984; Oct. 25. Class 39.

Galloway, James M., doing business as Dres-Sir Trunk Company, Monmouth, Ill. Wardrobe trunks and suitcases. 252,828; Oct. 25. Class 3.

Ganzhorn, Philip, Glen Ellyn, Ill. Card games. 254,278; Oct. 25. Class 22.

Gearech Manufacturing Company. (See Peterson, Joseph A.)

General Carbonic Company, New York, N. Y. Portable hand fire-extinguishing apparatus. 251,438; Oct. 25. Class 23.

General Industries Company, The, formerly known as the General Phonograph Company, Elyria, Ohio. Electrical signaling horns, electric motors, electrical switches, etc. 253,186; Oct. 25. Class 21.

Gheens, C. E., doing business as Bradas & Gheens, Louisville, Ky. Candy. 253,020; Oct. 25. Class 46.

Gochenour-Collins Laboratories, Washington, D. C. Remedy. 254,486; Oct. 25. Class 6.

Goeller, Lawrence E., Circleville, Ohio. Clothes brushes and whisks and leather cases sold as a unit. 252,099; Oct. 25. Class 29.

Goetze, William A., doing business as Baltimore Chewing Gum Co., Baltimore, Md. Candy. 254,132; Oct. 25. Class 46.

Goldenberg's, Washington, D. C. Perfumeries and toilet water, face powder, etc. 170,641; Oct. 25. Class 6.

Graef & Schmidt, Inc., New York, N. Y. Scissors. 253,838; Oct. 25. Class 23.

Grant, W. T. Company, New York, N. Y., and Lynn, Mass. Children's dresses and knit suits. 254,352; Oct. 25. Class 39.

Guadalupe Medicine Co. (See McLean, Dr. J. H., Medicine Co., The.)

H-O Chemical Company. (See Beggs, Annabell H.)

Haas Brothers Fabrics Corporation, New York, N. Y. Piece goods. 253,887-8; Oct. 25. Class 42.

Hackenberg, Harvey J. A., Cleveland, Ohio. Candles. 236,007; Oct. 25. Class 46.

Heckel, Wilhelm H., doing business as Wilhelm Heckel, Hebrich-on-the-Rhine, Germany. Musical instruments. 251,502; Oct. 25. Class 36.

Hickok Producing Co., The, Toledo, Ohio. Lubricants. 238,117; Oct. 25. Class 15.

Holland Varnish Co. (See Ritwe, Jacob.)

Honey Wheat Company, Kenosha, Wis. Wafers. 254,658; Oct. 25. Class 46.

Housel, Ray M., Kannapolis, N. C. Gasoline and lubricating oils. 250,617; Oct. 25. Class 15.

Howe Waste & Packing Company, Wyoming, R. I., and Taunton, Mass. Wool waste and cotton waste. 253,891; Oct. 25. Class 1.

Huch Nelson-Columbia Carpet Mills, Inc., Philadelphia, Pa. Textile rugs and carpets. 254,182; Oct. 25. Class 42.

Huey, Horace G., Homerville, Ga. Gasoline and fuel and lubricating oils. 250,024; Oct. 25. Class 15.

Hurd, William E., Absecon, N. J. Medicinal preparation. 249,121; Oct. 25. Class 6.

Huron Milling Company, Harbor Beach, Mich. Wheat pastes. 232,081; Oct. 25. Class 5.

Hygrade Oil & Fuel Corporation, Buffalo, N. Y. Gasoline, lubricating oils, and greases. 253,023; Oct. 25. Class 15.

Industrial Oil & Grease Company, Inc., Warren, Pa. Motor oils. 254,492; Oct. 25. Class 15.

Insurance Mirror Publishing Company, Inc., The, Hartford, Conn. Newspaper feature articles. 250,693-4; Oct. 25. Class 38.

International Union of Steam and Operating Engineers, Chicago, Ill. Magazine. 253,805; Oct. 25. Class 38.

Interwoven Stocking Company, New Brunswick, N. J. Hosiery. 253,025; Oct. 25. Class 39.

Ipswich Mills, Ipswich, Mass. Hosiery. 254,138; Oct. 25. Class 39.

Italian Importing Co., Inc., Spokane, Wash. Malt sirup and macaroni. 252,044; Oct. 25. Class 46.

Jackson Brewing Company, New Orleans, La. Malt sirup for food purposes. 246,685-6; Oct. 25. Class 46.

Johns-Manville Corporation, New York, N. Y. Publication. 254,220-2; Oct. 25. Class 38.

Jumbo Lemon Company, Hamilton City, Calif. Soft-drink-dispensing booths. 254,458; Oct. 25. Class 50.

Kahn's S. Sons, Inc., Evansville, Ind. Canned vegetables, meats, etc. 247,189; Oct. 25. Class 46.

Kemiko Mfg. Co. (See E. M. E. Corporation.)

Kerr, Abraham S., Tompkinsville, N. Y. Medicinal preparation. 243,860; Oct. 25. Class 6.

Kissimmee Peanut Company, Inc., Kissimmee, Fla. Salted peanuts in package form. 254,330; Oct. 25. Class 46.

Klothes Shoppe, Inc., The, Louisville, Ky. Outer garments. 254,401; Oct. 25. Class 39.

Kohlberg, Alfred, Inc., New York, N. Y. Silk piece goods. 242,997; Oct. 25. Class 42.

Krauk, Alfred J., St. Paul, Minn. Soap. 251,278; Oct. 25. Class 4.

Kronenberg, I. Bert, doing business as The Mokeen Company, Baltimore, Md. Coffee substitute. 254,460; Oct. 25. Class 46.

Kupres, George, Chicago, Ill. Medicine for tuberculosis. 253,651; Oct. 25. Class 6.

Lactein Company, The, also doing business as Ford Food Products, San Francisco, Calif. Table sirup. 252,210; Oct. 25. Class 46.

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Laurel-Wheat Company, Logan, Utah. Prepared cereal food for infants. 249,071; Oct. 25. Class 46.

Lefkowitz, I. & Sons, Inc., Brooklyn, N. Y. Fruit sirups for beverages and soda-fountain use. 252,211; Oct. 25. Class 45.

Lehman, Joe A., doing business as Penn Swing and Ladder Company, Lancaster, Pa. Stepladders, extensions ladders, clothes props, and ladder stools. 252,334; Oct. 25. Class 50.

Le Montree Mfg. Company, The, Cincinnati, Ohio. Moth-proof bag. 237,127; Oct. 25. Class 2.

Leonhardt, Dr. Co., Buffalo, N. Y. Remedy for the treatment of piles. 252,970; Oct. 25. Class 6.

Liberty Orchard Company, Cashmere, Wash. Jams. 254,462; Oct. 25. Class 46.

Lily Mill & Power Co., Shelby, N. C. Threads and yarn. 253,704-5; Oct. 25. Class 43.

Lind, David, doing business as Capitol Battery Works, New York, N. Y. Batteries. 253,653; Oct. 25. Class 21.

Little Dutch Candy Mill, Chicago, Ill. Candy and confections. 254,245; Oct. 25. Class 46.

Locke, Dena, Avondale, Cincinnati, Ohio. Preparation for treating skin irritations. 238,601; Oct. 25. Class 6.

Logan-Beltnes Sales Co., Los Angeles, Calif. Orangeade. 253,542; Oct. 25. Class 45.

Los Angeles Biscuit Company, Los Angeles, Calif. Biscuits, crackers, and cakes. 233,830; Oct. 25. Class 46.

Lowenthal, Frederick, doing business as Deltex Products Co., Brooklyn, N. Y. Paints. 253,099; Oct. 25. Class 16.

Mandel & Cohen, New York, N. Y. Knitted underwear for women and children. 247,697; Oct. 25. Class 39.

Manganese Steel Forge Company, Philadelphia, Pa. Forged steel screens. 244,619; Oct. 25. Class 23.

Marshall Field & Company, Chicago, Ill. Drapery materials. 251,495; Oct. 25. Class 42.

McCollum Holst & Mfg. Co., Downers Grove, Ill. Electric-driven portable hoist. 233,695; Oct. 25. Class 21.

McCormick & Co., Incorporated, Baltimore, Md. Liquid-insecticide-spraying compositions. 253,950; Oct. 25. Class 6.

McLean, Dr. J. H., Medicine Co., The, doing business as Guadalupe Medicine Co., St. Louis, Mo. Medicinal preparations. 253,681-2; Oct. 25. Class 6.

McMurray, William, and Company, St. Paul, Minn. Coffee, tea, cocoa, jelly powder, etc. 249,362; Oct. 25. Class 46.

Merchants Association, Inc., Dayton, Ohio. Stationery. 247,805; Oct. 25. Class 37.

Mitchell, Annie E., doing business as The Ethiopian Chemical Company, Tampa, Fla. Hair beautifier, day and night cream, etc. 252,438; Oct. 25. Class 6.

Mokeen Company, The. (See Kronenberg, I. Bert.)

Molony & Carter Company, Charleston, S. C. Dairy feeds. 253,430; Oct. 25. Class 46.

Monarch Telephone Manufacturing Company, assignor to American Electric Company, Inc., Chicago, Ill. Substation telephone equipment. 237,613; Oct. 25. Class 21.

Montgomery & Co., Inc., New York, N. Y. Speed indicators, plumb bobs, etc. 254,811; Oct. 25. Class 26.

Moore, John S., doing business as The Personal Hygiene Company, Wichita, Kans. Jelliseptic, an antiseptic. 253,648; Oct. 25. Class 6.

Mossman, George P., Honolulu, Hawaii. Ukuleles and guitars. 253,125; Oct. 25. Class 36.

Mulkey Salt Co., Detroit, Mich. Salt. 254,088; Oct. 25. Class 6.

Namlot, Charles B., New York, N. Y. Salt and pepper shakers. 235,968-9; Oct. 25. Class 13.

Nathan & Cohen Co., Inc., New York, N. Y. Silk, cotton, etc., piece goods. 251,234; Oct. 25. Class 42.

Nathan & Cohen Co., Inc., New York, N. Y. Piece goods. 254,144; Oct. 25. Class 42.

New Haven Clock Company, The, New Haven, Conn. Clocks. 254,148; Oct. 25. Class 27.

New Haven Clock Company, The, New Haven, Conn. Clocks. 254,247; Oct. 25. Class 27.

New Life Herb Co., Chicago, Ill. Tonic and blood purifier. 254,149; Oct. 25. Class 6.

Ney, Abe, doing business as Primp Chemical Company, Atlanta, Ga. Hair pomades. 254,248; Oct. 25. Class 6.

Norda Essential Oil & Chemical Co., Inc., New York, N. Y. Astringents, astringent cerates, bleach creams, beauty creams, etc. 254,249; Oct. 25. Class 6.

North and Judd Manufacturing Company, New Britain, Conn. Accessories for harness and saddlery of all kinds. 242,844-5; Oct. 25. Class 8.

North and Judd Manufacturing Company, New Britain, Conn. Buckles for footwear, shoe buttons, etc. 242,850; Oct. 25. Class 28.

Oaklands, The, Ann Arbor, Mich. Dairy products. 199,884; Oct. 25. Class 46.

O'Neill Duro Company, Milwaukee, Wis. Tire finish or dressing. 248,512; Oct. 25. Class 6.

Orthodyne Acoustic Corporation, New York, N. Y. Radio receiving sets and battery eliminators. 253,044; Oct. 25. Class 21.

Paramount Newspaper Syndicate, Los Angeles, Calif. Newspaper comic sections. 253,816; Oct. 25. Class 38.

Parker Pen Company, The, Janesville, Wis. Leather containers for pens and pencils in sets. 253,909; Oct. 25. Class 3.

Patterson, George O., Hawesville, Ky. Beverage and sirups for making the same. 220,201; Oct. 25. Class 45.

Peerless Oil & Refining Company, Chanute, Kans. Lubricating oils and greases. 253,912; Oct. 25. Class 15.

Penn Swing and Ladder Company. (See Lehman, Joe A.)

Peoples Bottling Company, Inc., Akron, Ohio. Beverages and sirups, extracts, flavors, and concentrates for making the same. 254,648; Oct. 25. Class 45.

Personal Hygiene Company, The. (See Moore, John S.)

Peterson, Joseph A., doing business as Gearech Manufacturing Company, College Station, Tex. Nuts for use in connection with bolts, rods, etc. 238,850; Oct. 25. Class 13.

Petri Cigar Co., Incorporated, San Francisco, Calif. Cigars. 244,177; Oct. 25. Class 17.

Phillips' Patents Limited, London, England. India-rubber plates or pads for attachment to the soles of boots and shoes. 252,727; Oct. 25. Class 39.

Pinal Laboratories, Jamestown, N. Y. Pinal, a pine-oil emulsion. 253,513; Oct. 25. Class 6.

Pittsburgh Electric Furnace Corp., Pittsburgh, Pa. Electric heat-treating furnace. 253,389; Oct. 25. Class 21.

Piver, L. T., Inc., Wilmington, Del., and New York, N. Y. Perfumes, eau de toilette, eau de toilette, face powder, etc. 254,717-19; Oct. 25. Class 6.

Polk, James K., Inc., Atlanta, Ga. Mainsprings, repair parts, tone arms, and needles. 248,648; Oct. 25. Class 36.

Pomeroy, I. Company, Newark, N. J. Writing ink. 248,014; Oct. 25. Class 11.

Portage Underwear Manufacturing Co., Portage, Wis. Ladies' and children's underwear of knitted and textile fabric. 245,289; Oct. 25. Class 39.

Porto Corporation, The, Cincinnati, Ohio. Saws, pole shavers, and planes, all electrically operated. 252,217; Oct. 25. Class 21.

Primp Chemical Company. (See Ney, Abe.)

Rainbow Light, Inc., New York, N. Y. Illuminating tubes. 251,242; Oct. 25. Class 21.

Ranier Pulp and Paper Co., Shelton, Wash. Wood pulp. 251,990; Oct. 25. Class 1.

Rattan Manufacturing Co., The, New Haven, Conn. Conduit fittings, outlet boxes, and covers. 249,600; Oct. 25. Class 21.

Rawley Bros., Washington, D. C. Beverages. 254,511; Oct. 25. Class 45.

Raytheon Manufacturing Company, Cambridge, Mass. Rectifying, regulating, and smoothing tubes and battery eliminators. 253,161; Oct. 25. Class 21.

Red Sun Products Co., Chicago, Ill. Malt sirup. 254,424; Oct. 25. Class 46.

Regal Shoe Company, Whitman, Mass. Calfekins. 236,891; Oct. 25. Class 1.

Reichardt Cocoa & Chocolate Co., Inc., New York, N. Y. Chocolate malt food beverage and cocoa malt food beverage. 247,965; Oct. 25. Class 46.

Reinschold Chemical Co., The, New York, N. Y. Medicinal preparation. 253,709; Oct. 25. Class 6.

Restman Publishing Co., Incorporated, The, New York, N. Y. Periodical. 254,153; Oct. 25. Class 38.

Richards, Inc., Glenolden, Pa. Laxative. 254,514; Oct. 25. Class 6.

Rio Chemical Co., New York, N. Y. House organ. 253,663; Oct. 25. Class 38.

Ritwe, Jacob, doing business as Holland Varnish Co., Jersey City, N. J. Shellac gum compounds. 227,687; Oct. 25. Class 1.

Roessel, Louis, & Co., Inc., Hazelton, Pa. Silk goods. 239,695; Oct. 25. Class 42.

Rose Slipper Shop, The, Little Rock, Ark. Shoes, garters, shoe heels, and hosiery. 247,102; Oct. 25. Class 39.

Ross, M. C., & Company, Chicago, Ill. Bird-cage covers and birdseed catchers. 253,915; Oct. 25. Class 42.

Royal Specialty Company. (See Cohen, Harry J.)

Roycrofters, The, East Aurora, N. Y. Vases, wastebaskets, and trophies. 246,440; Oct. 25. Class 2.

Rubenstein, Helena, Inc., New York, N. Y. Face lotions. 254,397; Oct. 25. Class 6.

S. & S. Novelty Company, The, Cleveland, Ohio. Knitted table mats. 252,169; Oct. 25. Class 42.

Sana Tone Products Company. (See Smith, John M.)

Sanwah Keen Game Company, Stockton, Calif. Indoor football game. 254,425; Oct. 25. Class 22.

Saver Manufacturing Company, Los Angeles, Calif. Measuring and delivering devices. 250,568; Oct. 25. Class 26.

Schaeffer, Charles P., doing business as Schaeffer & Company, Reading, Pa. Shoe laces. 252,794; Oct. 25. Class 40.

Sellers & Holland, Seattle, Wash. Preparation for the treatment of sore feet, etc. 248,328; Oct. 25. Class 6.

Shapleigh Hardware Company, St. Louis, Mo. Radio receiving and transmitting sets and parts thereof and storage batteries. 237,339; Oct. 25. Class 21.

Sharp & Dohme, Incorporated, Baltimore, Md. Antiseptic solution. 254,209; Oct. 25. Class 6.

Sledenburg, Henry, New York, N. Y. Hosiery. 254,334; Oct. 25. Class 39.

PUBLISHED FOR OPPOSITION.

[Act of Feb. 20, 1905, Sec. 6, as amended Mar. 2, 1907.]

- Simon, Alfred L. & Company, New York, N. Y. Cigarette holders, cigar holders, etc. 250,194; Oct. 25. Class 8.
- Simon, Alfred L. & Company, New York, N. Y. Plates, trays, vases, bowls, etc. 250,200; Oct. 25. Class 30.
- Simon, Alfred L. & Company, New York, N. Y. Tables, chairs, show cases, etc. 250,201; Oct. 25. Class 32.
- Simon, Alfred L. & Company, New York, N. Y. Drinking vessels, vases, boudoir seats, etc. 250,203; Oct. 25. Class 33.
- Simpson, John, doing business as Charnaphone Company, Pulaski, N. Y. Phonographs and portable phonographs. 252,070; Oct. 25. Class 36.
- Slack, Rassnick & Company, Inc., New York, N. Y. Beds, commodore, chifforobes, etc. 251,307; Oct. 25. Class 32.
- Smith, Goldwin, Tampa, Fla. Table board game. 253,774; Oct. 25. Class 22.
- Smith, John M., doing business as Sana Tone Products Company, Perry, Iowa. Disinfectant. 253,294; Oct. 25. Class 6.
- Smith, Norman M., Minneapolis, Minn. Sedatives. 254,564; Oct. 25. Class 6.
- Smith Reduction Corporation, Norfolk, Va. Fertilizers. 253,275; Oct. 25. Class 10.
- Smith, Wm. J., Music Co. Inc., New York, N. Y. Musical publications. 248,132; Oct. 25. Class 38.
- Specialty Optical Co. (See Brock, John D.)
- Spector, I. Raymond, doing business as The Blue Book Publishing Company, Philadelphia, Pa. Annual publications. 253,918; Oct. 25. Class 38.
- Squibb, E. R. & Sons, New York, N. Y. Extract used in the treatment of diabetes mellitus. 254,606; Oct. 25. Class 6.
- Standard Oil Company of California, Wilmington, Del., and San Francisco, Calif. Gasoline. 249,549; Oct. 25. Class 15.
- Standard School Equipment Co., Louisville, Ky. Chairs. 253,483; Oct. 25. Class 32.
- Stein, S. & Co., New York, N. Y. Woolen goods. 243,460; Oct. 25. Class 42.
- Steinberg, Leon, Detroit, Mich. Hosiery. 254,101; Oct. 25. Class 39.
- Sterling Wholesale Grocery Co., Sterling, Ill. Spices, condiments, sirup, and canned evaporated milk. 252,665; Oct. 25. Class 46.
- Stevens, Jordan, Co., Minneapolis, Minn. Macaroni, spaghetti, and egg noodles. 250,459; Oct. 25. Class 46.
- Sullivan Co., The, Memphis, Tenn. Waterproofing powder, waterproofing liquid, etc. 253,396; Oct. 25. Class 12.
- Sweet-Orr & Co., Inc., Wappingers Falls and New York, N. Y. Men's and boys' coats, vests, regular pants, knee pants, and breeches. 254,365; Oct. 25. Class 39.
- Synthetic Nitrogen Products Corporation, New York, N. Y. Fertilizer. 252,355; Oct. 25. Class 10.
- Thompson and Norris Company, The, Brooklyn, N. Y. Paper and cardboard mailing wrappers, mailing receptacles, etc. 249,492; Oct. 25. Class 2.
- Toledo Glove Manufacturing Company, The, Toledo, Ohio. Gloves and gauntlets. 248,557; Oct. 25. Class 39.
- Tropic Shoe Dressing Co. (See Brown, George A.)
- Tunison, Jerry D., Chicago, Ill. Ice cream, sherbets, and ices. 251,877; Oct. 25. Class 46.
- United Hoisting Co., Inc., New York, N. Y. Hoists and concrete mixers. 252,357; Oct. 25. Class 23.
- United States Recording Instruments Corporation, New York, N. Y. Recorders, registers, and record-producing instruments for indicating fare. 253,122; Oct. 25. Class 26.
- Vabac Company, The. (See Virginia Baking Company.)
- Vanetta Velvet Co., Inc., New York, N. Y. Silks, velvets, velveteen, and corduroy in the piece. 252,448; Oct. 25. Class 42.
- Vee-Bee Products Company, Newark, N. J. Ointment. 251,696; Oct. 25. Class 6.
- Victorius, A. V., & Co. Inc., New York, N. Y. Hosiery. 254,160; Oct. 25. Class 39.
- Virginia Baking Company, doing business as The Vabac Company, Richmond, Va. Wafers. 254,826; Oct. 25. Class 46.
- Wagner, Robert, Chemnitz, Germany. Iron furniture. 247,874; Oct. 25. Class 32.
- Wallace & Tiersan Co., Inc., Newark, N. J. Laundry bleaching material. 250,273; Oct. 25. Class 6.
- Warshaw, Charles S., doing business as C. S. Warshaw & Co., New York, N. Y. Toilet and cosmetic preparations. 254,736; Oct. 25. Class 6.
- Washline-National-Sands, Inc., New York, N. Y. Laundering products. 254,521-2; Oct. 25. Class 6.
- Western Coal & Coke Co., Milwaukee, Wis. Bituminous coal. 254,315; Oct. 25. Class 1.
- Wetherill, Geo. D., & Co., Inc., Philadelphia, Pa. Ready-mixed paints, paint enamels, and stains. 252,003; Oct. 25. Class 16.
- Wheelan, Albertine R., New York, N. Y. Comic strips. 254,653; Oct. 25. Class 38.
- White and Hallock, Inc., Muskegon, Mich. Beaters for culinary purposes. 253,402; Oct. 25. Class 23.
- White Star Refining Co. of Delaware, Detroit, Mich. Lubricating oils and greases. 254,437; Oct. 25. Class 15.
- Whitman, Clarence, & Sons, Inc., New York, N. Y. Cotton fabrics. 249,878; Oct. 25. Class 42.
- Wilno Sausage Co., Chicago, Ill. Sausages, corned beef, tongue, etc. 247,351; Oct. 25. Class 46.
- Wuille, Dan, & Company, Incorporated, doing business as D. W. & C. L., New York, N. Y. Fresh apples. 237,793; Oct. 25. Class 46.
- Yakima City Creamery, Incorporated, Yakima, Wash. Cottage cheese. 254,258; Oct. 25. Class 46.
- Zaring, C. W., Co., Jacksonville, Fla. Canned fruits and vegetables. 241,364; Oct. 25. Class 46.
- Zodiac Company of America, The, New York, N. Y. Fruit beverages. 252,578; Oct. 25. Class 45.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED.

CLASS 1.

- Blocks of granite. E. L. Smith & Co. 234,414; Oct. 25; Serial No. 248,938; published Aug. 16, 1927.
- Bristles. W. H. Bolton Bristle Company. 234,429; Oct. 25; Serial No. 250,432; published Aug. 16, 1927.
- Coal. S. Brand. 234,501; Oct. 25.
- Coal. Masteller Coal Company. 234,479; Oct. 25; Serial No. 250,928; published Aug. 16, 1927.
- Coal. Raymond City Coal Company. 234,488; Oct. 25.
- Flowers and plants. Fresh cut. M. Godfarh. 234,416; Oct. 25; Serial No. 248,681; published Aug. 16, 1927.
- Fur skins. Dyed. Apollo Fur Dyeing Co. 234,498; Oct. 25.
- Hops. Zorn Products. 234,419; Oct. 25; Serial No. 248,542; published Aug. 16, 1927.
- Leather. Griess-Pfeizer Tanning Co. 234,476-7; Oct. 25; Serial Nos. 251,052-3; published Aug. 9, 1927.
- Leather. Sole. Lichtenberger-Ferguson Company. 234,344; Oct. 25; Serial No. 244,779; published Aug. 16, 1927.
- Rags and old newspapers. National Sanitary Rag Co. 234,426; Oct. 25; Serial No. 250,517; published Aug. 16, 1927.
- Seeds. Grass and field. W. G. Scarlett. 234,405; Oct. 25; Serial No. 250,421; published Aug. 9, 1927.

CLASS 2.

- Bags. Seamless cotton. Royal River Manufacturing & Power Company. 234,466-7; Oct. 25; Serial Nos. 250,713-14; published Aug. 16, 1927.
- Baskets. Yates Lumber Company. 234,323; Oct. 25; Serial No. 249,630; published Aug. 2, 1927.
- Bottles. Siphon. Sparklets, Incorporated. 234,366; Oct. 25; Serial No. 248,200; published July 26, 1927.

- Containers. Chas. W. Hall & Co. 234,388; Oct. 25; Serial No. 250,306; published Aug. 16, 1927.
- Crates. Bottle. W. M. Storey. 234,325; Oct. 25; Serial No. 249,551; published Aug. 2, 1927.
- Hampers and baskets. G. H. Cook. 234,509; Oct. 25.
- Kegs and barrels. M. & P. Products Co. 234,387; Oct. 25; Serial No. 250,313; published Aug. 2, 1927.
- Military equipments. Mills Woven Cartridge Belt Co. 65,890; renewed Oct. 29, 1927.

CLASS 4.

- Soap. S. Hamill Company. 65,201; renewed Sept. 10, 1927.
- Soap. F. A. Richter. 64,399; renewed Aug. 6, 1927.
- Soap. M. Werk Co. 64,066; renewed Sept. 3, 1927.
- Soap. M. Werk Co. 65,321; renewed Sept. 17, 1927.
- Soap. M. Werk Co. 65,535; renewed Oct. 8, 1927.

CLASS 6.

- Antiseptic, deodorant, and healing preparation. Miller Laboratories, Inc. 234,369; Oct. 25; Serial No. 248,044; published Aug. 9, 1927.
- Baking powder. Iye, soda, salt, and bluing. S. Hamill Company. 64,687; renewed Aug. 20, 1927.
- Balm. Baby. Ko-Cin-Ko Company. 234,351; Oct. 25; Serial No. 242,301; published May 24, 1927.
- Chemical compositions. Printex Company. 234,495; Oct. 25.
- Chemical compound. G. E. Goddard. 234,356; Oct. 25; Serial No. 239,360; published Aug. 16, 1927.
- Chemical preparations. Morin's Laboratories, Inc. 234,353; Oct. 25; Serial No. 240,618; published Aug. 16, 1927.

CLASSIFIED LIST OF TRADE-MARKS REGISTERED.

- Cosmetics. Bioto Inc. 234,486; Oct. 25.
- Cream, lip stick, face powder, etc. Cold. Luxor, Limited. 234,418; Oct. 25; Serial No. 248,580; published Aug. 16, 1927.
- Creams and ices, astringent lotions, and lip salve. Facial cleansing and massage. 234,455; Oct. 25; Serial No. 251,031; published Aug. 9, 1927.
- Deodorants, disinfectants, antiseptics, and germicides. Odor-Nox Chemical Company. 234,420; Oct. 25; Serial No. 248,423; published Aug. 16, 1927.
- Formaldehyde. Product of. Chemische Fabrik auf Actien (vorm. E. Schering). 65,625; renewed Oct. 15, 1927.
- Hair tonics and dandruff remedies. Amendola Brothers, Inc. 234,390; Oct. 25; Serial No. 250,287; published Aug. 16, 1927.
- Insecticide. V. Drossness. 234,460; Oct. 25; Serial No. 250,910; published Aug. 9, 1927.
- Insecticides. McCormick & Co. 234,453; Oct. 25; Serial No. 251,146; published Aug. 16, 1927.
- Laxative. Richards, Inc. 234,423; Oct. 25; Serial No. 248,569; published May 31, 1927.
- Liniment. Boradis Company. 234,478; Oct. 25; Serial No. 250,969; published Aug. 16, 1927.
- Liniment. J. Wahl. 234,324; Oct. 25; Serial No. 249,622; published Aug. 9, 1927.
- Lotions and creams. Armand Company. 234,359; Oct. 25; Serial No. 238,541; published Aug. 16, 1927.
- Medicated chewing gum. A. Pezzella. 234,434; Oct. 25; Serial No. 234,806; published Aug. 16, 1927.
- Medicinal preparation. F. J. Cullen. 234,428; Oct. 25; Serial No. 250,444; published Aug. 16, 1927.
- Medicinal preparation. C. W. Green. 234,464; Oct. 25; Serial No. 250,746; published Aug. 16, 1927.
- Medicinal preparation. A. F. Turner. 234,327; Oct. 25; Serial No. 249,448; published Aug. 16, 1927.
- Medicine. M. Bono. 234,513; Oct. 25.
- Medicine for treating kidney diseases in hogs. A. E. Ely. 234,480; Oct. 25.
- Medicine. Herb. E. A. Coon. 234,408; Oct. 25; Serial No. 250,230; published Aug. 16, 1927.
- Medicines. Sterling Products (Incorporated). 234,433; Oct. 25; Serial No. 236,100; published May 17, 1927.
- Oils for lubricating woolen and worsted yarns. E. F. Houghton & Co. 234,454; Oct. 25; Serial No. 251,037; published Aug. 16, 1927.
- Oils. Mineral. Standard Oil Company (New Jersey). 234,484; Oct. 25.
- Ointment. Upjohn Company. 234,471; Oct. 25; Serial No. 251,799; published Aug. 16, 1927.
- Ointment. Wright Brothers Pharmaceutical Laboratory. 234,481; Oct. 25.
- Ointment. Medicinal. Southern Pine Remedies, Incorporated. 234,407; Oct. 25; Serial No. 250,328; published Aug. 16, 1927.
- Perfume, toilet water, face powder, etc. Honigbantz, Inc. 234,458; Oct. 25; Serial No. 250,995; published Aug. 16, 1927.
- Perfume, toilet water, sachet, etc. Bourjois, Inc. 234,406; Oct. 25; Serial No. 250,366; published Aug. 16, 1927.
- Perfumes and perfumed hair tonics. A. T. Sinykin. 234,456; Oct. 25; Serial No. 251,019; published Aug. 9, 1927.
- Powder. Complexion. J. A. Pozzoni Pharmaceutical Company. 234,343; Oct. 25; Serial No. 251,013; published Aug. 16, 1927.
- Powder for alleviating pain of burns, sores, and wounds. S. Puppella. 234,451; Oct. 25; Serial No. 251,241; published Aug. 16, 1927.
- Preparation for the relief of colds, croup, etc. G. F. Smith. 234,391; Oct. 25; Serial No. 250,268; published Aug. 9, 1927.
- Preparation for the treatment of gout and rheumatism. E. Bejean. 234,493; Oct. 25.
- Remedy. Dr. Leonhardt Co. 234,507; Oct. 25.
- Remedy for epilepsy. Tucker Pharmaceutical Co. 67,770; renewed Feb. 18, 1928.
- Rouge. Lehigh Chemist, Inc. 234,494; Oct. 25.
- Salve. H. L. Kezar. 234,438; Oct. 25; Serial No. 233,647; published Aug. 16, 1927.
- Salve. Marvon Corporation. 234,425; Oct. 25; Serial No. 250,811; published Aug. 16, 1927.
- Salves. H. W. Rutshaw. 234,373; Oct. 25; Serial No. 247,144; published Aug. 16, 1927.
- Salves, ointment, face powder, etc. Sunland Laboratories, Inc. 234,431; Oct. 25; Serial No. 236,449; published Aug. 16, 1927.
- Salves, ointment, face powder, etc. Sunland Laboratories, Inc. 234,482; Oct. 25; Serial No. 236,447; published Aug. 16, 1927.
- Shampoo. Weaver-Jackson Company. 234,345; Oct. 25; Serial No. 243,633; published Aug. 16, 1927.
- Shampoo and exterminator. Chappel Bros., Inc. 234,411; Oct. 25; Serial No. 249,639; published Aug. 16, 1927.
- Shampooing preparations. Denver Pharmaceutical Mfg. Co. 234,452; Oct. 25; Serial No. 251,222; published Aug. 16, 1927.
- Tablet. Compressed antipain. Fred A. Small and Robert H. Hornk. 234,380; Oct. 25; Serial No. 246,056; published Aug. 16, 1927.
- Tablets for the treatment of heart diseases. Upjohn Company. 234,470; Oct. 25; Serial No. 251,800; published Aug. 16, 1927.

- Toilet preparation in paste form. M. Schoepfer. 234,368; Oct. 25; Serial No. 248,063; published Aug. 16, 1927.
- Toilet preparations. M. Wahl & Son. 234,412; Oct. 25; Serial No. 249,308; published Aug. 16, 1927.
- Tonic. Preferred Products, Inc. 234,401; Oct. 25; Serial No. 249,805; published Aug. 16, 1927.
- Tonic. Hair. Harden Chemical Company. 234,430; Oct. 25; Serial No. 236,584; published Aug. 16, 1927.
- Tonic. Wine-bitters. W. Crevey. 234,462; Oct. 25; Serial No. 250,838; published Aug. 16, 1927.

CLASS 10.

- Fertilizer or pulverized animal manure, Ground animal. A. L. Bachrodt. 234,360; Oct. 25; Serial No. 237,773; published July 26, 1927.

CLASS 12.

- Asphalt and bituminous compounds. De Bataafsche Petroleum Maatschappij. 234,349; Oct. 25; Serial No. 242,949; published Aug. 16, 1927.
- Brick. Fire. Standard Fuel Engineering Company. 234,422; Oct. 25; Serial No. 247,759; published Aug. 16, 1927.
- Bricks. Babcock & Wilcox Company. 234,409; Oct. 25; Serial No. 249,885; published Aug. 9, 1927.
- Cork board. Cork Import Corporation. 234,427; Oct. 25; Serial No. 250,442; published Aug. 9, 1927.
- Lath. Metal. Edwards Manufacturing Company. 234,417; Oct. 25; Serial No. 248,625; published Aug. 16, 1927.
- Materials. Ready-cut, machined, and partly-assembled. Wm. Cameron & Co., Inc. 234,410; Oct. 25; Serial No. 249,535; published Aug. 16, 1927.
- Plastic composition used as floor covering. Rubber City Mfg. Co. 234,444; Oct. 25; Serial No. 227,279; published Aug. 16, 1927.
- Roofing, building paper, and composition shingles. Roll. H. H. Honigbaum. 234,415; Oct. 25; Serial No. 248,965; published Aug. 9, 1927.
- Windows, sashes, and window frames. Bliss Steel Products Corporation. 234,354; Oct. 25; Serial No. 240,480; published Aug. 16, 1927.
- Wire and iron work. Ornamental. Logan Company. 234,447; Oct. 25; Serial No. 215,801; published Aug. 16, 1927.

CLASS 13.

- Bale ties. Keystone Steel & Wire Company. 234,403; Oct. 25; Serial No. 249,730; published Aug. 9, 1927.
- Bolt provided with means for locking a nut thereon. C. Lehman. 234,510; Oct. 25.
- Chains, curtain rods, key hooks, and hasps. Key. Boye Needle Co. 234,505; Oct. 25.
- Clamps, catches, or holders for swinging or sliding closures. W. G. Curran. 234,362; Oct. 25; Serial No. 237,266; published Aug. 16, 1927.
- Compression bills and stops, P traps, connected and waste overflow, bath cocks, etc. Construction Supplies Company of America. 234,357; Oct. 25; Serial No. 239,239; published July 26, 1927.
- Dishwashers. Steele and Johnson Mfg. Co. 234,397; Oct. 25; Serial No. 249,935; published July 26, 1927.
- Nails, hangers, hinges, etc. H. H. Honigbaum. 234,341; Oct. 25; Serial No. 248,694; published Aug. 9, 1927.
- Pipe hangers. Plussco Company. 234,386; Oct. 25; Serial No. 250,323; published July 26, 1927.
- Screws. Guest, Keen & Notteloffs Limited. 234,338-40; Oct. 25; Serial Nos. 248,769-71; published Aug. 16, 1927.
- Steel tubing, Tapered and tempered. Union Hardware Company. 234,437; Oct. 25; Serial No. 233,664; published Aug. 16, 1927.
- Valves together with fittings and connections therefor. Metallic Air-Scal Company. 234,393; Oct. 25; Serial No. 250,152; published Aug. 16, 1927.

CLASS 14.

- Castings of all kinds, rolled slabs, etc., Commercial. Banská A. Hutní Společnost. 234,442-3; Oct. 25; Serial Nos. 231,784-5; published Aug. 9, 1927.
- Metals. Wm. Cramp & Sons Ship & Engine Building Co. 64,766; renewed Aug. 20, 1927.
- Steel or iron sheets, Lead covered or coated. Superior Sheet Steel Company. 234,512; Oct. 25.
- Welding wire. Williams and Company. 234,322; Oct. 25; Serial No. 249,687; published Aug. 9, 1927.

CLASS 15.

- Oil, Lubricating. Boye Needle Co. 234,482; Oct. 25.
- Petroleum products. Brooks Oil Company. 234,446; Oct. 25; Serial No. 225,465; published Mar. 2, 1926.

CLASS 16.

- Compositions for cleaning and polishing. Rossite Manufacturing Co. 234,332; Oct. 25; Serial No. 249,297; published Aug. 16, 1927.
- Paint. Perry & Derrick Co. 234,402; Oct. 25; Serial No. 249,746; published Aug. 9, 1927.
- Paints. Atlas Paint Manufacturing Co. 65,430; renewed Sept. 24, 1927.
- Paints, varnish stains, paint enamel, and thinner. Floor. A. L. Greenbaum. 234,365; Oct. 25; Serial No. 248,304; published Aug. 16, 1927.

Painters' materials. Eagle Paint & Varnish Company. 63,332; renewed June 18, 1927.
Polish, automobile polish, and paint remover. Furniture. A. A. White. 234,372; Oct. 25; Serial No. 247,233; published Aug. 9, 1927.
Varnishes. P. Braudt. 234,516; Oct. 25.

CLASS 19.

Automobiles and chassis therefor. Vauxhall Motors Limited. 234,465; Oct. 25; Serial No. 250,725; published Aug. 16, 1927.
Automotive vehicle cabs, dump bodies, and rack bodies. Metropolitan Body Company. 234,381; Oct. 25; Serial No. 245,852; published Aug. 9, 1927.
Automotive vehicles, covers for the tops of. Bassick Manufacturing Company. 234,383; Oct. 25; Serial No. 245,689; published Aug. 16, 1927.
Vehicle bodies. Murray Corporation of America. 234,329-30; Oct. 25; Serial Nos. 249,365-6; published July 26, 1927.

CLASS 22.

Bats, Baseball. J. G. Kren. 234,370; Oct. 25; Serial No. 248,003; published Aug. 16, 1927.
Dolls. Louis Amberg & Sons. 234,374; Oct. 25; Serial No. 247,056; published Aug. 16, 1927.
Game, Dart and target. E. R. Gilbert. 234,342; Oct. 25; Serial No. 248,565; published Aug. 16, 1927.
Game of chance. J. E. Osberg. 234,396; Oct. 25; Serial No. 249,991; published Aug. 16, 1927.
Needles and fishhooks. W. Woodfield & Sons. 30,065; renewed May 18, 1927.
Toy gilders. Miller, Palmer & Co. 234,364; Oct. 25; Serial No. 236,835; published Aug. 16, 1927.
Toy phonographs and talking machines. Bing Werke (formerly Gebrüder Bing A. G.). 234,350; Oct. 25; Serial No. 242,877; published Aug. 16, 1927.

CLASS 23.

Engraving and die-sinking machines, etc. George Gorton Machine Company. 234,499; Oct. 25.
Screw drivers, jar wrenches. Boye Needle Co. 234,504; Oct. 25.
Tools. Columbus Handle & Tool Corporation. 234,496; Oct. 25.

CLASS 24.

Garment-pressing machines. United States Hoffman Machinery Corporation. 234,508; Oct. 25.
Ironing-board covers and pads. Jordan Marsh Company. 234,392; Oct. 25; Serial No. 250,243; published Aug. 16, 1927.
Machines, extractors, and parts thereof. Dry-cleaning. E. E. Ehrlich. 234,335; Oct. 25; Serial No. 248,889; published Aug. 16, 1927.
Washing machines, clothes. Associated Devices Corporation. 234,347; Oct. 25; Serial No. 243,576; published July 26, 1927.

CLASS 25.

Lock, Window. Twindolox Corporation. 234,469; Oct. 25; Serial No. 250,479; published Aug. 16, 1927.

CLASS 26.

Incandescent and arc lamps, Electric. M. Mayer. 234,492; Oct. 25.
Scales, Weighing. H. C. Schaper. 234,490; Oct. 25.

CLASS 27.

Watches and parts of watches. Georges Favre-Jacot & Company. 64,731; renewed Aug. 20, 1927.

CLASS 29.

Brushes and nail and tool brushes. Hair. J. C. Dowd & Co. 67,780; renewed Feb. 18, 1928.

CLASS 31.

Filtering and softening water. A. A. Meyer. 234,491; Oct. 25.

CLASS 34.

Candlesticks, scones, etc. Roycrofters. 234,379; Oct. 25; Serial No. 246,438; published July 26, 1927.
Cigar lighters. Henry Lederer Bro. Inc. 234,334; Oct. 25; Serial No. 248,914; published July 26, 1927.
Combustion systems or parts thereof. Automatically-controlled coal. E. P. Bliss, Jr. 234,331; Oct. 25; Serial No. 249,323; published Aug. 2, 1927.
Furnaces. Orr & Sombower, Inc. 234,326; Oct. 25; Serial No. 249,486; published Aug. 2, 1927.
Heaters, etc. Hot-air. Majestic Company. 234,382; Oct. 25; Serial No. 245,738; published July 26, 1927.
Heaters. Gas water. Sands Manufacturing Company. 234,395; Oct. 25; Serial No. 250,040; published Aug. 16, 1927.
Heaters, hot-water and steam, coal and gas furnaces, etc., coal and gas water. Construction Supplies Company of America. 234,358; Oct. 25; Serial No. 239,238; published Aug. 16, 1927.
Heaters, wall gas heaters, etc., Radiant gas. Pacific Gas Radiator Company. 234,352; Oct. 25; Serial No. 240,995; published July 26, 1927.
Heating devices. F. W. Shepler. 234,448; Oct. 25; Serial No. 214,280; published July 26, 1927.

Lighters, Nonelectric cigar. Steele and Johnson Mfg. Co. 234,398; Oct. 25; Serial No. 249,934; published Aug. 16, 1927.
Lighters, tinder boxes, etc., Pocket. J. Ferdinand-Dreyfus. 234,375; Oct. 25; Serial No. 246,956; published July 26, 1927.
Radiator enclosures. Ajax Radiator Enclosure Co. Inc. 234,468; Oct. 25; Serial No. 250,591; published Aug. 2, 1927.
Reflectors, Metal headlight. W. H. Wood. 234,436; Oct. 25; Serial No. 233,803; published Aug. 2, 1927.
Stovepipes. Parkersburg Iron and Steel Co. 234,367; Oct. 25; Serial No. 248,191; published July 26, 1927.
Stoves. Hy-Lo Oil Heater Company. 234,328; Oct. 25; Serial No. 249,422; published Aug. 16, 1927.

CLASS 35.

Belts, Sewing-machine. Boye Needle Co. 234,483; Oct. 25.

CLASS 37.

Bands made of rubber, Stationers'. B. F. Goodrich Company. 234,474-5; Oct. 25; Serial Nos. 251,333-4; published Aug. 16, 1927.
Books, Sales. Pacific Manifold Book Company. 64,367; renewed Aug. 6, 1927.
Envelopes, Mailing. American Envelope Co. 234,384; Oct. 25; Serial No. 245,526; published Aug. 9, 1927.
Paper. Butler Paper Corporations. 234,497; Oct. 25.
Paper, Blotting. Wrenn Paper Company. 234,485; Oct. 25.
Paper, Printing. Perkins Goodwin Company. 234,487; Oct. 25.
Paper, Toilet tissue. J. Grossman. 234,333; Oct. 25; Serial No. 249,004; published Aug. 9, 1927.
Paper, Waxed and wrapping. Griggs, Cooper & Company. 234,441; Oct. 25; Serial No. 231,863; published July 19, 1927.
Paper, Wrapping. S. Saffer, Inc. 234,473; Oct. 25; Serial No. 251,458; published Aug. 16, 1927.
Pens, Fountain. Sager Pen Corporation. 234,459; Oct. 25; Serial No. 250,941; published Aug. 16, 1927.

CLASS 39.

Coats, overcoats, vests, and trousers. L. Adler Bros. & Co. 66,879; renewed Dec. 31, 1927.
Frocks, Sport. B. G. De Mott. 234,346; Oct. 25; Serial No. 243,427; published June 21, 1927.
Gloves, mittens, gauntlets. Joseph N. Elsendrath Company. 67,514; renewed Feb. 4, 1928.
Shirts. Louis Baskind & Co. Inc. 234,361; Oct. 25; Serial No. 237,531; published June 21, 1927.
Shoes and slippers. Johnson & Baillie. 31,101; renewed Jan. 4, 1928.
Shoes, Arch-support. Dr. A. Reed Shoe Co. Inc. 234,515; Oct. 25.

CLASS 42.

Cotton-napped flannel and flannelette piece goods. I. B. Govington. 234,502-3; Oct. 25.
Draperies. R. G. Seelhoff. 234,511; Oct. 25.
Woolen piece goods and haircloth. William Hollins and Company. 63,690; renewed July 2, 1927.

CLASS 44.

Absorbent cotton and combination syringes. Associated Merchandising Corporation. 234,450; Oct. 25; Serial No. 251,316; published Aug. 16, 1927.
Belts, Sanitary. American Narrow Fabric Company. 234,440; Oct. 25; Serial No. 232,062; published Aug. 16, 1927.
Pads for use in permanent hair waving and for permanent-hair-waving machines and appliances. 234,371; Oct. 25; Serial No. 247,738; published Aug. 16, 1927.

CLASS 45.

Beer, Root. A. J. Weber. 234,506; Oct. 25.
Waters and carbonated beverages, Natural mineral. Borello Bros. 67,326; renewed Jan. 28, 1928.

CLASS 46.

Candy. Bradley, Smith Co. 234,404; Oct. 25; Serial No. 249,700; published Aug. 16, 1927.
Candy. Gunz Durrer Candy Co. 234,337; Oct. 25; Serial No. 248,834; published Aug. 16, 1927.
Candy. Jobbers Candy Co. Inc. 234,330; Oct. 25; Serial No. 248,839; published Aug. 16, 1927.
Candy. Universal Candy Company. 234,449; Oct. 25; Serial No. 118,576; published June 22, 1920.
Candy, Ice-cream cups. Klek Products Co. 234,376; Oct. 25; Serial No. 246,911; published July 5, 1927.
Canned beans. Van Camp Packing Company. 234,594; Oct. 25; Serial No. 234,394; published Aug. 16, 1927.
Canned fish and sardines. S. Hamill Company. 65,128; renewed Sept. 10, 1927.
Canned vegetables. Red Lodge Canning Company. 234,489; Oct. 25.
Chocolate, cocoa and chocolate candies. Suchard Societe Anonyme. 63,555; renewed June 25, 1927.
Chocolate food drinks, Compound for preparing. Manhattan Baking Powder Co. 234,461; Oct. 25; Serial No. 250,852; published Aug. 9, 1927.

Coffee. S. Hamill Company. 64,757; renewed Aug. 20, 1927.
Coffee with milk. Nestlé & Anglo-Swiss Condensed Milk Co. 67,164; renewed Jan. 21, 1928.
Extract from malt and rye. Ambrosia Malt Prod. Co. 234,363; Oct. 25; Serial No. 237,010; published Mar. 8, 1927.
Flour, Pancake and buckwheat. S. Hamill Company. 65,145; renewed Sept. 10, 1927.
Flour, Wheat, pancake, cake, and pastry. Portland Flouring Mills Co. 65,071; renewed Sept. 3, 1927.
Fruits, Deciduous. W. J. Roberts. 234,472; Oct. 25; Serial No. 251,630; published Aug. 16, 1927.
Grapes, Fresh. G. A. Cresscy. 234,514; Oct. 25.
Mustard. R. T. French Company. 67,193; renewed Jan. 21, 1928.
Oranges, lemons, grapefruit. La Verne Orange Association. 234,348; Oct. 25; Serial No. 243,375; published Aug. 16, 1927.
Oranges, lemons, grapefruit, pomegranates, and grapes. Chapman Orchards. 234,355; Oct. 25; Serial No. 240,170; published Aug. 16, 1927.
Pickled herrings. Joseph Slater Limited. 234,445; Oct. 25; Serial No. 225,883; published Aug. 16, 1927.
Pop corn, Shelled and unshelled and popped. Hales Milling Company. 234,377; Oct. 25; Serial No. 246,899; published Aug. 16, 1927.
Potatoes. Deane-Osling Company. 234,389; Oct. 25; Serial No. 250,800; published Aug. 16, 1927.
Poultry and eggs, Dressed. A. B. Walker & Son. 234,500; Oct. 25.

Preserves, Fruit. Goldmeyer & Arnold, Incorporated. 234,399; Oct. 25; Serial No. 249,846; published Aug. 16, 1927.
Rolls, wieners, minced meat, pickles, etc. G. J. Deck. 234,435; Oct. 25; Serial No. 234,663; published Feb. 15, 1927.
Sandwich spread, mayonnaise dressing, etc. Hillcrest Product Co. 234,385; Oct. 25; Serial No. 250,451; published Aug. 9, 1927.
Sirup, Malt. Pabst Corporation. 234,378; Oct. 25; Serial No. 246,563; published May 10, 1927.
Sirups, Maltless table and cooking. Lipscomb Bros. Inc. 234,457; Oct. 25; Serial No. 251,001; published Aug. 9, 1927.
Tomatoes. J. Frankina & Co. 234,463; Oct. 25; Serial No. 250,766; published Aug. 16, 1927.
Vinegar. C. M. Butterfield. 234,400; Oct. 25; Serial No. 249,834; published Aug. 2, 1927.

CLASS 50.

Cap cover stretcher, Uniform-. R. H. Lake. 234,421; Oct. 25; Serial No. 248,306; published Aug. 9, 1927.
Illustrative specimens and models of patented inventions of different types. J. W. Saffold. 234,439; Oct. 25; Serial No. 232,101; published Aug. 16, 1927.
Paraffin-treated cloth for window coverings and the like. A. S. Turner. 234,424; Oct. 25; Serial No. 245,816; published Aug. 16, 1927.
Swatters, Fly. Lubbards & Bell Manufacturing Co. 234,413; Oct. 25; Serial No. 249,077; published Aug. 16, 1927.

ALPHABETICAL LIST OF LABELS.

Adams Roach and Water Bug Killer. For Insecticide. C. Adams. 32,891; Oct. 25.
Artista Quality Cravat. For Four-in-Hand Ties. Artista Neckwear Co. 32,893; Oct. 25.
Asti Colony. For Grape Juice. Italian-Swiss Colony. 32,902; Oct. 25.
Better Bred Creme de Malt. For Malt Extract. S. A. Kircher. 32,903; Oct. 25.
Blue Banner. For Canned Fish. French Sardine Company of California. 32,897; Oct. 25.
C. B. L. For Butter. Menasha Printing and Carton Company. 32,905; Oct. 25.
Climax-Sun Bath. For Bathing Suits. Climax Bathing Suit Company. 32,894; Oct. 25.
Dorado Club Pale Dry Ginger Ale. For Ginger Ale. Dorado Club Beverage Co. 32,895; Oct. 25.
Eugenia's Real Whole Wheat Genuine Graham Flour. For Wheat Flour. A. E. E. Schneider. 32,908; Oct. 25.
Federal Tran Shells. For Loaded Shotgun Shells. Federal Cartridge Corporation. 32,896; Oct. 25.
Frank Werner Co. For Footwear. Hoague-Sprague Corporation. 32,900; Oct. 25.

Kenilworth. For Oranges. Sierra Vista Packing Association. 32,909; Oct. 25.
Lydia O. Hay Herb Compound. For Herb Compound. L. O. Hay. 32,899; Oct. 25.
Old Rum. For Tobacco. A. G. Young. 32,913; Oct. 25.
Patches. For Candy. Fred W. Amend Co. 32,892; Oct. 25.
Play Coffee. For a Health Beverage. F. B. Hawley. 32,898; Oct. 25.
Prairie Belle. For Oranges. Sierra Vista Packing Association. 32,910; Oct. 25.
Renz's Twin Bread. For Bread. Ohio Wax Paper Company. 32,907; Oct. 25.
Salt Fish Pretzels. For Pretzels. National Biscuit Company. 32,906; Oct. 25.
Sur Gro. For Hair Tonic. N. Lipson. 32,904; Oct. 25.
The John Irving Shoe. For Footwear. Hoague-Sprague Corporation. 32,901; Oct. 25.
Tin-Apa. For Canned Sardines (Smoked). Van Camp Sea Food Company, Inc. 32,911; Oct. 25.
Woodbridge. For Fresh Grapes. Woodbridge Fruit Growers Association. 32,912; Oct. 25.

ALPHABETICAL LIST OF PRINTS.

Crow Inn. For Printing Inks. Charles Eneu Johnson and Company. 10,319; Oct. 25.
Dentists Overwhelmingly Support us in our Warning to Guard the Danger Line. For Dental Cream. E. R. Squibb & Sons. 10,325; Oct. 25.
Dentists Say this to Beautiful Women. For Dental Cream. E. R. Squibb & Sons. 10,322; Oct. 25.
50,000 Questions—and One Answer. For Dental Cream. E. R. Squibb & Sons. 10,329; Oct. 25.
For Dessert. My-T-Fine. For Dessert Preparations. D & C Co. Inc. 10,315; Oct. 25.
Guard Your Children's Teeth and Gums—This Statement by the Dental Profession Tells You How. For Dental Cream. E. R. Squibb & Sons. 10,324; Oct. 25.
Here, in Simple Terms, Are the Facts About Proper Mouth Hygiene. For Dental Cream. E. R. Squibb & Sons. 10,323; Oct. 25.
Independence Hall. For Printing Inks. Charles Eneu Johnson and Company. 10,318; Oct. 25.
Italian Swiss Colony. For Grapes and Grape Products. Italian Swiss Colony. 10,317; Oct. 25.
Mantle National. For Stoves. Excelsior Stove & Manufacturing Company. 10,316; Oct. 25.
Printing Press. For Printing Inks. Charles Eneu Johnson and Company. 10,320; Oct. 25.

Singer Five Drawer Cabinet Table. For Sewing Machines. Singer Manufacturing Company. 10,321; Oct. 25.
The Dental Profession of America Renders an Opinion. For Dental Cream. E. R. Squibb & Sons. 10,326; Oct. 25.
The Hardest Crop to Raise—Babies. For Wheat Breakfast Food. Cream of Wheat Co. 10,312; Oct. 25.
The Only Existing Authority Tells You How to Protect Your Teeth and Gums. For Dental Cream. E. R. Squibb & Sons. 10,331; Oct. 25.
The Use of Carbohydrates in Infant Feeding. For Wheat Breakfast Food. Cream of Wheat Co. 10,314; Oct. 25.
They Have Reached a Verdict. For Dental Cream. E. R. Squibb & Sons. 10,327; Oct. 25.
What is the Danger? Where Does it Threaten? How Can You Ward it Off? For Dental Cream. E. R. Squibb & Sons. 10,328; Oct. 25.
Working Wonders for Teachers in 60,000 Schools. For Wheat Breakfast Food. Cream of Wheat Co. 10,313; Oct. 25.
You can Trust the Name "Squibb" as You Trust Your Physician. For Milk of Magnesia. E. R. Squibb & Sons. 10,330; Oct. 25.

ALPHABETICAL LIST OF PATENTEEES

TO WHOM

PATENTS WERE ISSUED ON THE 25TH DAY OF OCTOBER, 1927.

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice). Includes patents, reissues, and designs.

- A/S. Krystnl. (See Isaachsen, Isak, assignor.)
 Abendroth Brothers. (See Hansen, John, assignor.)
 Acme Rayon Corporation, The. (See Huttering, Charles A., assignor.)
 Actiengesellschaft der Maschinenfabrik von Theodor Bell & Co. (See Schnyder, Johann, assignor.)
 Adams Grease Gun Corporation. (See Richmond, Jesse P., assignor.)
 Adams, Walter L., assignor to The Enterprise Manufacturing Company, Akron, Ohio. Drag mechanism for fishing reels. 1,647,101; Oct. 25.
 Additon, Forrest, Flowery Branch, Ga. Wardrobe. 1,647,031; Oct. 25.
 Affel, Herman A., Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Harmonic generator. 1,646,438; Oct. 25.
 Affel, Herman A., Ridgewood, N. J., assignor to American Telephone and Telegraph Company. Harmonic generator. 1,646,439; Oct. 25.
 Ahlman, Franz H., Morristown, Minn. Anchoring device for containers. 1,647,069; Oct. 25.
 Aktiebolaget Ljungströms Angturbin. (See Ljungström, F., Eriksson, and Broberg, assignors.)
 Alcázar, Alcides M., Brooklyn, assignor to Meter Service Corporation, New York, N. Y. Housing. 1,646,739; Oct. 25.
 Alland, Maurice, Atlantic City, N. J. Magazine pencil. 1,646,740; Oct. 25.
 Allen, Edward B., Newtown, Conn. Cord-handling mechanism for buttonhole sewing machines. 1,646,946; Oct. 25.
 Aluminum Cooking Utensil Co., The. (See Wilson, John H., assignor.)
 Aluminum Products Company. (See Hastings, William A., assignor.)
 Amann, Adolf, Schomberg, near Wildbach, Germany. Instrument sterilizer. 1,647,070; Oct. 25.
 American Bemberg Corporation. (See Elsaesser, E., and Hartmann, assignors.)
 American Cable Company. (See Rosenberg, Ralph H., assignor.)
 American Can Company. (See Egenolf, Jacob F., assignor.)
 American Can Company. (See Fieischer, Paul W., assignor.)
 American Can Company. (See Nordquist, Ronald E. J., assignor.)
 American Can Company. (See Young, John M., assignor.)
 American Can Performer Company, The. (See Lyman, Walter H., assignor.)
 American Chain Company. (See Campbell, Andrew C., assignor.)
 American Cuptor Corporation. (See Weckbaugh, Joseph V., assignor.)
 American Laundry Machinery Company, The. (See Carroll, Emil J., assignor.)
 American Mine Door Co., The. (See Prince, Harry, assignor.)
 American Multigraph Company, The. (See Chisholm, Clifton, assignor.)
 American Safety Device Company. (See Davidson, Frederic A., assignor.)
 American Steel and Wire Company of New Jersey, The. (See Larson, Charles L., assignor.)
 American Telephone and Telegraph Company. (See Affel, Herman A., assignor.)
 American Telephone and Telegraph Company. (See Carpe, A., and Deardorff, assignors.)
 American Textile Co. (See Ball, Ben A., assignor.)
 Anchor Cap and Closure Corporation. (See Ramsey, George, assignor.)
 Andrews, L. V., assignor to Riley Stoker Corporation, Worcester, Mass. Pulverizing apparatus. 1,646,720; Oct. 25.
 Angelillo, Fedele, New York, N. Y. Lock. 1,646,674; Oct. 25.
 Angert Brothers. (See Angert, George H., assignor.)
 Angert, George H., assignor to Angert Brothers, Cincinnati, Ohio. Table. 1,647,103; Oct. 25.
 Anthouille, George D. (See Deligianes, T. N., and Bourdes, assignors.)
 Arbogast, William H., assignor to W. McElwee, Dunmore, W. Va. Wrench. 1,647,071; Oct. 25.
 Aridor Company, The. (See Moyer, Paul S., assignor.)
 Armstrong, Percy A. E., New York, N. Y. Preventing displacement in rollers for roller bearings. 1,646,947; Oct. 25.
 Asbestos Spinning and Weaving Corporation. (See Trainor, Edward J., assignor.)
 Ashford, Alfred J., assignor of one-half to S. L. Stough, Kluston, N. C. Electric switch. 1,646,440; Oct. 25.
 Ashleman, Adolph E., and T. E. Haney, Waco, Tex. Signal. 1,646,675; Oct. 25.
 Astoria Importing and Manufacturing Co. Inc. (See Straub, Christopher, assignor.)
 Astrom, John, assignor to Fort Wayne Engineering & Mfg. Co., Fort Wayne, Ind. Automatic pressure-control apparatus. 1,646,847; Oct. 25.
 Atkinson, William L., Edmonds, Wash. Grip ratchet. 1,646,676; Oct. 25.
 Atlas Portland Cement Company, The. (See Croll, Andrew G., assignor.)
 Atwood, Edwin H., W. E. Wanner, C. A. Kieble, and E. H. Wright, Olean, assignors to Vacuum Oil Company, New York, N. Y. Cleaning machine for containers. 1,646,570; Oct. 25.
 Austin, George B., Junco, Nev. Demountable rim for tires. 1,646,677; Oct. 25.
 Automatic Electric Inc. (See Erickson, John, assignor.)
 Automatic Electric Inc. (See Gardner, J. E., and Bellamy, assignors.)
 Automatic Electric Inc. (See Ray, Arthur J., assignor.)
 Automatic Musical Instrument Company. (See Green, Clifford H., assignor.)
 Avis, Samuel W., West Hartford, assignor to The Fuller Brush Company, Hartford, Conn. Feeding device. 1,646,571; Oct. 25.
 Babcock & Wilcox Company, The. (See Roszak, Charles L., assignor.)
 Bailey, William M., Company. (See Tobin, John M., assignor.)
 Baker, Arthur R., assignor to I. T. Swartz, Indianapolis, Ind. Fastening clamp. 1,646,636; Oct. 25.
 Baker, Arthur R., assignor to I. T. Swartz, Indianapolis, Ind. Oil burner. 1,646,637; Oct. 25.
 Baker, John H., Detroit, Mich. Boiler. 1,646,382; Oct. 25.
 Ball, Ben A., assignor to American Textile Co., Inc. Yawtucket, R. I. Lace. Des. 73,681; Oct. 25.
 Ball, Ben A., assignor to American Textile Co., Inc. Yawtucket, R. I. Lace. Des. 73,682; Oct. 25.
 Ball, Ben A., assignor to American Textile Co., Inc. Yawtucket, R. I. Lace. Des. 73,683; Oct. 25.
 Ball, Ben A., assignor to American Textile Co., Inc. Yawtucket, R. I. Lace. Des. 73,684; Oct. 25.
 Barber-Colman Company. (See Peterson, Burt A., assignor.)
 Barber, Howard M., assignor to C. B. Cottrell & Sons Company, Westbury, R. I. Plate-clamping mechanism for printing presses. 1,646,721; Oct. 25.
 Barber, William, Brooklyn, N. Y. Shock absorber and buffer. 1,646,518; Oct. 25.
 Barnes, Frank, Columbus, Ohio. Automobile signal. 1,646,678; Oct. 25.
 Barnett, Sell W., Webster City, Iowa. Corn picking and husking machine. 1,646,741; Oct. 25.
 Barney, Arthur L., assignor to Tiffany & Company, New York, N. Y. Spoon or analogous article. Des. 73,685; Oct. 25.
 Barnhart, Harry J., assignor to The Osgood Company, Marion, Ohio. Steam shovel. 1,646,781; Oct. 25.
 Barrett, Edward R., assignor to Wood Hydraulic Hoist and Body Company, Detroit, Mich. Elevating-dumping apparatus. 1,646,679; Oct. 25.
 Baseman, Ernest, assignor to Massey-Harris Harvester Company, Inc., Batavia, N. Y. Hitching mechanism for connecting mowers and tractors. 1,646,519; Oct. 25.
 Basore, George W., Berryville, Ark. Carpenter's wrecking tool. 1,646,894; Oct. 25.
 Bassick Manufacturing Company, The. (See Davis, E. W., and Reynolds, assignors.)
 Bauerle, Charles E., assignor to The Motobile Products Company, Cleveland, Ohio. Motor-vehicle lock. 1,647,111; Oct. 25.
 Bayer, Gaudenz, Augsburg, Germany. Absorption refrigerating apparatus. 1,646,520; Oct. 25.
 Beach, Mally P., Ridgefield, Conn. Finger and thumb nail buffer. 1,646,848; Oct. 25.
 Bead Chain Manufacturing Company, The. (See Gagnon, William J., assignor.)
 Bead Chain Manufacturing Co., The. (See Goodridge, Gilbert W., assignor.)
 Becker, Bernard C., York, Pa. Clasp for pencils. 1,646,742; Oct. 25.
 Becker, Eulabee D., New York, N. Y. Embroidery and process. 1,646,383; Oct. 25.

Beecher, Elmer C., Wakeman, Ohio, assignor of one-third to H. C. Beecher, San Francisco, Calif., and one-third to R. L. Beecher, Detroit, Mich. Auto traffic signal. 1,646,895; Oct. 25.

Beecher, Herbert C., et al. (See Beecher, Elmer C., assignor.)

Beecher, Raymond L., et al. (See Beecher, Elmer C., assignor.)

Bell, Alvah, Brooklyn, New York, N. Y. Lock nut. 1,646,805; Oct. 25.

Bellamy, John I. (See Gardner, J. E., and Bellamy.)

Belluche, Frank R., Mansfield, Mass., assignor, by mesne assignments, to Miller Saw-Trimmer Company, Pittsburgh, Pa. Mechanical movement. 1,646,441; Oct. 25.

Bendix Brake Company. (See La Brie, Ludger E., assignor.)

Benham, Edgar M., Norwood, Ohio, assignor to The Mosler Lock Company, Covington, Ky. Lock. 1,646,987; Oct. 25.

Benjamin Electric Manufacturing Company. (See Benjamin, Reuben B., assignor.)

Benjamin Electric Manufacturing Company. (See Hopkins, Charles L., assignor.)

Benjamin, Reuben B., assignor to Benjamin Electric Manufacturing Company, Chicago, Ill. Electrical connector device. 1,646,806; Oct. 25.

Benjamin, Reuben B., assignor to Benjamin Electric Manufacturing Company, Chicago, Ill. Fixture connector. 1,646,807; Oct. 25.

Benjamin, Reuben B., assignor to Benjamin Electric Manufacturing Company, Chicago, Ill. Ceiling connector device. 1,646,808; Oct. 25.

Benson, Elsie C., Seattle, Wash. Portable bath cabinet. 1,646,521; Oct. 25.

Berg, Elwin H., Eveleth, Minn. Attachment for windows. 1,646,522; Oct. 25.

Berger, Augusta M., Brooklyn, N. Y. Shoe-lace fastener. 1,646,849; Oct. 25.

Berger Manufacturing Company, The. (See Schlafly, Julius H., assignor.)

Bergstein, Samuel, assignor to Interstate Folding Box Company, Middletown, Ohio. Adhesive-applying mechanism for paper-box making machines. 1,647,072; Oct. 25.

Bergstein, Samuel, assignor to The Interstate Folding Box Company, Middletown, Ohio. Sealing boxes and the like. 1,647,073; Oct. 25.

Bergström, Yngve E., West Hartford, Conn. Producing radiators. 1,646,384; Oct. 25.

Berliner, Robert, B. Stein, and W. Trautner, Elberfeld, Germany, assignors to Grasselli Dyestuff Corporation, New York, N. Y. Glyoxal-dianthraquinone compound. 1,646,782; Oct. 25.

Bernard, Harry, Allentown, Pa., assignor to International Motor Company, New York, N. Y. Weatherproof joint for windshields and the like. 1,646,743; Oct. 25.

Bernard, Pete, Philadelphia, Pa. Table accessory. 1,646,523; Oct. 25.

Berthon, Marcel G., Pratt City, Ala. Milling jig. 1,646,988; Oct. 25.

Betts, John H. (See Curtis, Henry E., assignor.)

Billetdoux, Chester A. (See Winkler, John, assignor.)

Birkigt, Marc, Bois Colombes, France. Gear-wheel transmission. 1,647,032; Oct. 25.

Bischof, Ulrich, Horgen, Switzerland, assignor, by mesne assignments, to Smyth Manufacturing Company, Hartford, Conn. Apparatus for sheet-fastening machines for applying adhesive to the sheets. 1,646,783; Oct. 25.

Bishop, George E., Cleveland, Ohio. Automobile inclosure. 1,646,722; Oct. 25.

Blaker, Louis P., Philadelphia, Pa. Protector or automobile wash apron. 1,646,524; Oct. 25.

Blazer, Philip L., Chicago, Ill. Powder box or similar article. Des. 73,686; Oct. 25.

Blecker, William M., assignor to E. A. Langenbach, Canton, Ohio. Sheet-shearing apparatus. 1,646,989; Oct. 25.

Bloom, Joseph, Los Angeles, Calif. Badge. Des. 73,687; Oct. 25.

Bloss, Richard R., assignor to The International Derrick & Equipment Company, Columbus, Ohio. Pitman structure. 1,646,948; Oct. 25.

Bock, Charles S., Chicago, Ill., assignor of four one-hundredths to W. J. O'Brien, thirty-two one-hundredths to J. W. Seward, and thirty-two one-hundredths to F. Colombo. Hinge. 1,647,074; Oct. 25.

Bogoslosky, Boris. (See Shmyroff, A., Bogoslosky, and Dill.)

Bolles, William B., Milwaukee, Wis. Antipanic actuator for door fasteners. 1,646,990; Oct. 25.

Bonetto, Domenico, St. Louis, Mo. Fluid motor. 1,646,723; Oct. 25.

Bonnetti, Harry M. (See Sarr, Elmer E., assignor.)

Borden Company, The. (See Taylor, Burt E., assignor.)

Bornkessel, Max, New York, N. Y. Heating-unit adapter. 1,646,525; Oct. 25.

Bourdes, Andreas A. (See Deligianes, T. N., and Bourdes.)

Bourmonville, Eugene M., Jersey City, N. J. Rotary valve. 1,646,949; Oct. 25.

Boustead, John R. (See Christian, C. L., and Boustead.)

Boving, Jens O., Westminster, London, England. Refrigerating apparatus. 1,646,007; Oct. 25.

Bowen, Richard, Columbus, Ohio, assignor to Super Coal Process Company, Augusta, Me. Apparatus for fabricating agglomerated masses. 1,646,385; Oct. 25.

Bowen, Richard, Columbus, Ohio, assignor to Super Coal Process Company, Augusta, Me. Mixing device. 1,646,386; Oct. 25.

Bowen, Richard, Columbus, Ohio, assignor to Super Coal Process Company, Augusta, Me. Fabricating agglomerated masses. 1,647,075; Oct. 25.

Boyce and Veeder Co. Inc. (See Louder, Earl A., assignor.)

Boylan, Thomas F., sr., assignor to Eversharp Manufacturing Co., New Brunswick, N. J. Manufacturing horseshoe calks. 1,647,076; Oct. 25.

Bradshaw, Frank H., Reno, Nev. Wrench. 1,646,608; Oct. 25.

Brandes Laboratories, Inc. (See Respass, William R., assignor.)

Brandt, Frederick, Mount Vernon, N. Y. Composition wall covering. 1,646,809; Oct. 25.

Brandwood, Joseph, Waban, Mass. Collapsible holder for yarn packages. 1,646,472; Oct. 25.

Bréguet, Louis G. and P. A., Geneva, Switzerland. Wire-drawing bench. 1,646,896; Oct. 25.

Bréguet, Paul A. (See Bréguet, Louis G. and P. A.)

Bremer, Frederick G., assignor to United States Chain & Forging Company, Pittsburgh, Pa. Automobile bumper. 1,646,473; Oct. 25.

Brenk, Ernest L., Cicero, Ill. Socket. 1,646,609; Oct. 25.

Brennan, Joseph L., New York, N. Y. Snow removing and loading plow. 1,646,638; Oct. 25.

Briggs, Southwick W., Glenmont, Md. Diluent separator. 1,646,724; Oct. 25.

Bright, John W., Grand Junction, Colo. Beet harvester and topping machine. 1,646,680; Oct. 25.

Brillo Manufacturing Company. (See Field, Crosby, assignor.)

Brinser, Elizabeth E., Elizabethtown, Pa. Automatic pattern stab. 1,646,744; Oct. 25.

Bristow, Francis G. (See Wright, H. C., and Bristow.)

Brizendine, Olle, Attica, Kans. Lamp. 1,646,442; Oct. 25.

Broberg, Isidor. (See Ljungström, F., Eriksson, and Broberg.)

Brown, Daniel B., Dover, N. H. Rake. 1,647,077; Oct. 25.

Brown, Emma, et al. (See Brown, George W., assignor.)

Brown, George W., Cape Elizabeth, assignor of one-half to S. J. Dodge, Damariscotta, and one-half to E. Brown, Cape Elizabeth, Me. Pencil sharpener. 1,647,078; Oct. 25.

Brown, Howard M., Philadelphia, Pa. Recorder and indicator. 1,646,474; Oct. 25.

Brown, Leeland F., assignor of one-half to K. W. Dennis, Knoxville, Tenn. Gear lock. 1,647,033; Oct. 25.

Brown, Robert S., assignor to The New Britain Machine Company, New Britain, Conn. Chuck mechanism. 1,646,850; Oct. 25.

Brunner, John P. (See Luley, J., and Brunner.)

Bucyrus Company. (See Wilkinson, F., and Lehman, assignors.)

Budd Wheel Company. (See Hunt, J. Harold, assignor.)

Budd Wheel Company. (See Ludwick, Herbert V., assignor.)

Budd Wheel Company. (See Nelson, Emil A., assignor.)

Budd Wheel Company. (See Trout, W. M., and Des Jardins, assignors.)

Buescher, Ferdinand A., Elkhart, Ind. Slide trombone. 1,647,079; Oct. 25.

Bullard, Maurice L., Rutherford, N. J., assignor to P. S. Thorsen & Company, Inc., Brooklyn, N. Y. Heat insulator. 1,646,388; Oct. 25.

Bundrick David D., assignor to Moore Dry Kiln Company, Jacksonville, Fla. Fireproof dry-kill door. 1,647,080; Oct. 25.

Bunting, Elmer N., East Orange, N. J. Granular carbon and making the same. 1,646,389; Oct. 25.

Burdett, Horace H., assignor to Draper Corporation, Hopedale, Mass. Robbin-clutching means for rotatable spindles. 1,647,106; Oct. 25.

Burdine, Pearl G., Chester, Miss. Automobile seat construction. 1,646,610; Oct. 25.

Burgdorf, Herman, assignor to The Frank A. Rolling Company, Inc., Philadelphia, Pa. Paper-bag machine. 1,646,572; Oct. 25.

Burgess, C. F., Laboratories, Inc. (See Weiss, Howard F., assignor.)

Burgess, Warren B., Boston, Mass. Compensator for radiocompasses. 1,646,443; Oct. 25.

Burns, John L., assignor to H. H. Franklin Manufacturing Company, Syracuse, N. Y. Counterbalancing device for shafts. 1,646,897; Oct. 25.

Burton, Warren D. (See Page, C. B., and Burton.)

Busch-Sulzer Bros.-Diesel Engine Co. (See Schaefer, Charles, assignor.)

Buzza, George E., Minneapolis, Minn. Display album. 1,646,573; Oct. 25.

Buzza, George E., Minneapolis, Minn. Piano-playing guide. 1,646,574; Oct. 25.

Byrne, Thomas J., Tulsa, Okla. Measuring device for ice-making cans. 1,646,898; Oct. 25.

C. G. Spring & Bumper Company. (See Jandus, H. S., and Keeler, assignors.)

C. G. Spring & Bumper Company, The. (See Jandus, H. S., and Van Husen, assignors.)

Campbell, Andrew C., Waterbury, Conn., assignor to American Chain Company, Inc. Punching machine. 1,646,851; Oct. 25.

Cantrill, Frank, Wray, Colo. End-gate fastener. 1,646,899; Oct. 25.

Carder, Earle H., Hollywood, Calif. Combination hot and cold water faucet. 1,646,575; Oct. 25.

Carlson, Edwin E., and L. A. Stread, Chester, Pa. Dyeing warps. 1,646,526; Oct. 25.

Carlson, Gustave A. (See Parsons, John H., assignor.)

Carlton, James A., St. Louis, Mo., assignor, by mesne assignments, to C. S. Russell, West Medford, Mass. Automatic suction sheet-feeding machine. 1,646,681; Oct. 25.

Carnowsky, Robert R., and J. T. Stratman, assignors, by mesne assignments, to General Motors Corporation, Detroit, Mich. Abrading tool and preparing automobile bodies for finishing. 1,646,852; Oct. 25.

Carpe, Allen, New York, N. Y., and R. W. Deardoff, Kensington, Calif., assignors to American Telephone and Telegraph Company. Protection circuit. 1,646,444; Oct. 25.

Carpmill, John F., and H. G. Hancock, assignors to North & Judd Manufacturing Company, New Britain, Conn. Snap. 1,646,745; Oct. 25.

Carrikan, Jesse L., Birmingham, Ala. Screen adjuster. 1,646,390; Oct. 25.

Carroll, Emil J., Norwood, assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Electric steam generator. 1,646,746; Oct. 25.

Cascio, Salvatore. (See Greenwald, S., and Cascio.)

Castan, Karl, Pforzheim, Germany. Manifold device. 1,646,576; Oct. 25.

Castricum, Martin, Springfield, assignor to The Fisk Rubber Company, Chicopee Falls, Mass. Weighing moving material. 1,646,950; Oct. 25.

Celcolik Company. (See Furness, William H., assignor.)

Chapman, Frank D., Berlin, Wis. Continuous cooker. 1,646,577; Oct. 25.

Charavay, Frederick, assignor of one-half to G. W. Hartzell, Piqua, Ohio. Propeller ventilating motor. 1,646,578; Oct. 25.

Chase, Leon W., Lincoln, Nebr., assignor to Chase Plow Company. Steering gear. 1,647,034; Oct. 25.

Chase Plow Company. (See Chase, Leon W., assignor.)

Chicago Flexible Shaft Company. (See Wright, H. C., and Bristow, assignors.)

Chicago Miniature Lamp Works. (See St. James, Robert T., assignor.)

Chilton, Roland, Keyport, N. J., assignor to Healey-Aeromarine Bus Company, Inc. Spring wheel. 1,646,991; Oct. 25.

Chin, Howard T., Atascadero, Calif. Stovepipe holder. 1,647,081; Oct. 25.

Chisholm, Clifton, assignor to The American Multigraph Company, Cleveland, Ohio. Changeable printing form. Re16,777; Oct. 25.

Christian, Charles L., San Francisco, and J. R. Boustead, Oakland, Calif. Egg separator. 1,646,682; Oct. 25.

Cincinnati Butchers' Supply Company, The. (See Schmidt, Oscar C., assignor.)

Clark, James E. (See Clark, Thomas E. and J. E.)

Clark, Thomas E., assignor to Continuous Train Control Corporation, Detroit, Mich. Train-control apparatus. 1,646,683; Oct. 25.

Clark, Thomas E. and J. E., assignors to Continuous Train Control Corporation, Detroit, Mich. Railway-train-control system. 1,646,684; Oct. 25.

Clark, Thomas E. and J. E., assignors to Continuous Train Control Corporation, Detroit, Mich. Continuous train-control system. 1,646,685; Oct. 25.

Code, Samuel M., Chicago, Ill. Amphibious vehicle. 1,646,611; Oct. 25.

Cody, Martin M., Chicago, Ill., assignor to Crane Packing Company. Packing and packing-forming machine. 1,646,992; Oct. 25.

Coe, Edward D., Kilbourne, Wis., assignor to C. G. Conn, Ltd., Elkhart, Ind. Trombone attachment. 1,647,102; Oct. 25.

Coffey, Edward I. (See Keays, R. J., and Coffey.)

Cole, William F., Hana, Hawaii. Manufacturing sirup. 1,647,082; Oct. 25.

Collins, George E., Atkinson, Nebr. Implement draft device. 1,646,784; Oct. 25.

Collins, John R., Wichita, Kans. Hammer. 1,646,993; Oct. 25.

Colombo, Frank, et al. (See Book, Charles S., assignor.)

Columbia Quarry Company. (See Glassen, Charles E., assignor.)

Concealed Door Check Company. (See Eastman, Floyd K., assignor.)

Conn. C. G., Ltd. (See Coe, Edward D., assignor.)

Container Corporation of America. (See Walter, Harrison B., assignor.)

Continental Can Company. (See Hurley, Charles, assignor.)

Continental Gin Company. (See Munger, Eugene, assignor.)

Continuous Train Control Corporation. (See Clark, Thomas E., assignor.)

Continuous Train Control Corporation. (See Clark, Thomas E. and J. E., assignors.)

Cook, Floyd J., Medford, Oreg. Assorting machine. 1,646,951; Oct. 25.

Cook, George E., Detroit, Mich. Automatic air-vaporizing device for radiators. 1,646,810; Oct. 25.

Copp, John F. (See Frye, C. M., and Copp.)

Corey, Matt M., assignor to R. D. Swisher Mfg. Co., Chicago, Ill. Lock for pocket seals. 1,646,612; Oct. 25.

Coasia, Santino, New York, and A. Triunfo, Corona, N. Y. Copy-pad composition. 1,646,391; Oct. 25.

Costa, Eugene S., Chattanooga, Tenn. Turn-page clamp. 1,646,747; Oct. 25.

Cottrell, C. B., & Sons Company. (See Barber, Howard M., assignor.)

Courtenay, Frederick D., Chicago, Ill., assignor to Embossograph Corporation of America, New York, N. Y. Making embossed show cards. 1,646,613; Oct. 25.

Crane Packing Company. (See Cody, Martin M., assignor.)

Craslineck, Jake N., San Antonio, Tex. Binding for shoeheel facings. 1,646,475; Oct. 25.

Cribben & Sexton Company. (See Harter, Augustus F., assignor.)

Croll, Andrew G., Weatherly, Pa., assignor to The Atlas Portland Cement Company. Furnace lining. 1,647,083; Oct. 25.

Crosby, Arthur P., assignor of one-half to W. T. Price, Minneapolis, Minn. Radiator return trap. 1,646,686; Oct. 25.

Crosthwaite, Ralph L., Chicago, Ill. Ventilator. 1,646,853; Oct. 25.

Crowell, Ernest L., Chicago, Ill. Automobile direction indicator. 1,646,445; Oct. 25.

Crowell, Frank M., Tulsa, Okla. Support for well casings. 1,646,639; Oct. 25.

Crumrine, Chester W. (See Thompson, R. G., and Crumrine.)

Cumpton, Ira E., and L. N. Pyzer, Tryon, Nebr. Stock guard. 1,646,476; Oct. 25.

Curry, John K., Peoria, Ill. Fruit-juice extractor. 1,646,527; Oct. 25.

Curtis, Austen M., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Electric-current transmission. 1,646,811; Oct. 25.

Curtis, Henry E., San Jose, assignor of one-half to J. H. Betts, Long Beach, Calif. Motor-vehicle construction. 1,647,084; Oct. 25.

Cutler Hammer Mfg. Co., The. (See Wade, Henry N., assignor.)

Daly, Thomas, New York, N. Y. Indicating device. 1,646,687; Oct. 25.

Daniel, Rogers W., Indianapolis, Ind. Whistle-control valve. 1,646,640; Oct. 25.

Darby, John, Summit, N. J., and H. C. Jones, Larchmont, assignors to Lithoprint Corporation, New York, N. Y. Photomechanical apparatus for transferring designs from flat to cylindrical surfaces. 1,646,392; Oct. 25.

Davey, George W. (See Waite, F. H., and Davey.)

Davey, James A., Sound Beach, Conn., P. H. Davey, and C. L. Gaugler; said Gaugler assignor of his one-third to The Davey Tree Expert Company, Kent, Ohio. Apparatus for excavating tree cavities. 1,646,812; Oct. 25.

Davey, James A., South Beach, Conn., P. H. Davey, and C. L. Gaugler; said Gaugler assignor of his entire right to The Davey Tree Expert Company, Kent, Ohio. Apparatus for excavating tree cavities. 1,646,813; Oct. 25.

Davey, Paul H. (See Davey, James A. and P. H., and Gaugler.)

Davey Tree Expert Company, The. (See Davey, James A. and P. H., and Gaugler, assignors.)

Davidson, Frederic A., Chicago, Ill., assignor to American Safety Device Company, New York, N. Y. Supporting structure. 1,646,725; Oct. 25.

Davis, Albert J., New York, N. Y. Pasteurizing apparatus. 1,647,035; Oct. 25.

Davis and Son Manufacturing Company, The. (See Davis, Harold G., assignor.)

Davis, Ernest W., Oak Park, and F. D. Reynolds, Hubbard Woods, assignors to The Bassick Manufacturing Company, Chicago, Ill. Lubricant-dispensing device. 1,646,477; Oct. 25.

Davis, Harold G., assignor to The Davis and Son Manufacturing Company, Denver, Colo. Display device for oils. 1,646,579; Oct. 25.

Davis, Harry A., assignor to Draper Corporation, Hopedale, Mass. Shuttle-feeler thread parter and clamp. 1,647,103; Oct. 25.

Davis, Walter T., and J. A. McGinnis, assignors to Wheeling Stamping Company, Wheeling, W. Va. Forming articles by extrusion. 1,646,854; Oct. 25.

Dearborn, Moses S., Oakland, Calif. Grass-shears attachment. 1,647,085; Oct. 25.

Deardoff, Ralph W. (See Carpe, Allen, and Deardoff.)

Decker, Harold E., Allentown, Pa., assignor of one-half to J. G. Fleck, Bala, Pa. Drain device. 1,646,994; Oct. 25.

De La Mater, Robert G., assignor to Reed Small Tool Works, Worcester, Mass. Micrometer gauge. 1,646,593; Oct. 25.

De Lathauwer, Arthur, Flawinne, Belgium. Apparatus for braking railway vehicles. 1,646,900; Oct. 25.

De Lemme, Philip, Jersey City, N. J. Mechanical toy greyhound. 1,646,814; Oct. 25.

Deligianes, Thomas N., and A. A. Bourdes, Chicago, Ill., assignors, by mesne assignments, to G. D. Anthoulla, Gary, Ind. Discharging mechanism for paper-folding machines. 1,647,086; Oct. 25.

Del Riccio, Lorenzo, New York, N. Y. Motion-picture exhibiting. 1,646,855; Oct. 25.

Demers, Telesphore C., Lebanon, N. H. Warp-tension equalizer. 1,646,446; Oct. 25.
 Denison, George W., Bay Village, Ohio. Mechanism for progressing cars in kilns. 1,646,901; Oct. 25.
 Denmire, Harold A., assignor to The General Tire and Rubber Company, Akron, Ohio. Tire-building machine. 1,647,104; Oct. 25.
 Dennis, Kenneth W. (See Brown, Leeland F., assignor.)
 De Roo, William C., and J. E. Larsh, assignors to The Dresses Machine Tool Co., Cincinnati, Ohio. Variable-speed mechanism. 1,647,087; Oct. 25.
 De Vrieschouwer, Camille, Amsterdam, Netherlands. Automatic door-latching device. 1,646,888; Oct. 25.
 De Wallace, Harry, Syracuse, N. Y. Flush-valve-operating mechanism. 1,647,088; Oct. 25.
 Design Laboratories, Incorporated. (See Wilson, Edwin B., assignor.)
 Des Jardins, Clarence B. (See Trout, W. M., and Des Jardins.)
 Dickinson, Albert G. (See Simpson, Ward T., assignor.)
 Dickson, Charles F., London, assignor, by mesne assignments, to C. Gold, Ravens, Stansted, England. Advertising device. 1,646,689; Oct. 25.
 Diebold, Leo A., Stuart, Iowa. Display box. 1,646,902; Oct. 25.
 Dieterich, William, assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Belt buckle. Des. 73,688; Oct. 25.
 Dietzgen, Eugene, Co. (See Langsner, Adolph, assignor.)
 Dileo, Dominick, Utica, N. Y. Pipe fitting. 1,647,036; Oct. 25.
 Dill, John. (See Shmyroff, A., Bogoslawsky, and Dill.)
 Diniz, Richard W., Wywood, assignor to Southward Foundry & Machine Company, Philadelphia, Pa. Rubber-cutting machine. 1,646,447; Oct. 25.
 Dobson, William A., Bridgeport, Conn., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,646,952; Oct. 25.
 Dodge, Susan J., et al. (See Brown, George W., assignor.)
 Doherty, Henry, Jr., Clifton, N. J. Stop motion. 1,646,642; Oct. 25.
 Doherty, Henry L., assignor to Doherty Research Company, New York, N. Y. Storage reservoir. 1,646,641; Oct. 25.
 Doherty Research Company. (See Doherty, Henry L., assignor.)
 Donovan, William J., assignor to The Fisk Rubber Company, Chicopee Falls, Mass. Locating valve parts in rubber tubes. 1,646,953; Oct. 25.
 Dorsey, Farnum F., assignor to North East Electric Company, Rochester, N. Y. Engine-starter mechanism. 1,646,643; Oct. 25.
 Doty, Vernon A., West Springfield, Mass. Vegetable washer. 1,646,690; Oct. 25.
 Doughty, William E., Detroit, Mich. Display container. Des. 73,689; Oct. 25.
 Dow Chemical Company, The. (See Hoy, John E., assignor.)
 Draper Corporation. (See Burdett, Horace H., assignor.)
 Draper Corporation. (See Davis, Harry A., assignor.)
 Draper Corporation. (See Johnson, Arthur S., assignor.)
 Draper Corporation. (See Miller, Joseph A., assignor.)
 Draper Corporation. (See Skedgell, John A., assignor.)
 Dresses Machine Tool Co., The. (See De Roo, W. C., and Larsh, assignors.)
 Duchesne, Ernest, Schenectady, N. Y., assignor to Landis Machine Company, Waynesboro, Pa. Cutting threads. 1,647,037; Oct. 25.
 Duckwall, Esther M. (See Signer, M., and Duckwall.)
 Duisberg, Walter, Leverkusen, near Cologne, W. Henrich and L. Zeh, Wiesdorf, near Cologne, Germany, assignors to Grasselli Dyestuff Corporation, New York, N. Y. Aryl esters of nitro amino benzene sulphonic acids. 1,646,785; Oct. 25.
 Dulany, George W., Jr. (See Page, C. B., and Burton, assignors.)
 Dunn, J. Struthers. (See Trent, Harold E., assignor.)
 Dunn Manufacturing Company. (See Rick, Edward L., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Jacobs, Charles B., assignor.)
 Duro Company, The. (See Eisenbauer, Charles P., assignor.)
 D'Yarmett, Edward C., Wichita Falls, Tex., assignor of one-half to O. K. Herndon, Kansas City, Mo. Oil-distilling apparatus and method. 1,646,448; Oct. 25.
 D'Yarmett, Edward C., assignor of one-half to O. K. Herndon, Kansas City, Mo. Oil distillation. 1,646,449; Oct. 25.
 Dybeck, Carl W. (See Jonsson, J., and Dybeck.)
 Eastman, Floyd K., assignor to Concealed Door Check Company, Kokomo, Ind. Doorcheck. 1,646,580; Oct. 25.
 Eathing, Cloyde B., Carroll, Iowa. Heating system. 1,646,786; Oct. 25.
 Echaniz, Jose L., and F. G. Mansilla, assignors of one-third to M. L. Echaniz, one-third to J. L. Echaniz, and one-third to P. G. Mansilla, Buenos Aires, Argentina. Weighing machine. 1,647,038; Oct. 25.
 Echaniz, Manuel L., et al. (See Echaniz, J. L., and Mansilla, assignors.)
 Economides, Michael J., Brooklyn, N. Y. Hinge. 1,646,644; Oct. 25.

Eden, James A., Jr., Springfield, Mass., assignor to W. H. Foster, New York, N. Y. Machine for threading or turning bolt blanks or the like. 1,646,954; Oct. 25.
 Edwards, Daniel D., Takoma Park, Md., and J. H. Mangfield, assignors to Greenlee Bros. & Co., Rockford, Ill. Incising machine. 1,646,955; Oct. 25.
 Egenolf, Jacob F., Maywood, Ill., assignor to American Can Company, New York, N. Y. Bail for containers. 1,646,856; Oct. 25.
 Ehrigott, Karl, Erie, assignor to Bernard Gloekler Company, Pittsburgh, Pa. Waffle iron. 1,646,726; Oct. 25.
 Ehrigott, Karl, Erie, assignor to Bernard Gloekler Company, Pittsburgh, Pa. Electric waffle iron. 1,646,727; Oct. 25.
 Elchner, Robert F., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Belt buckle. Des. 73,690; Oct. 25.
 Eldmann, Frank L. (See Germond, H. S., Jr., and Eldmann.)
 Eisenbauer, Charles P., assignor to The Duro Company, Dayton, Ohio. Water softener. 1,646,581; Oct. 25.
 Eler, John L., assignor, by mesne assignments, to National Malleable and Steel Castings Company, Cleveland, Ohio. Car-door fastener. 1,646,748; Oct. 25.
 Elmenthaler, William, Cleveland Heights, Ohio. Sifting device. 1,646,787; Oct. 25.
 El Paso Sash & Door Company. (See Trammell, Earl M., assignor.)
 Elrod, Henry E., Santa Monica, Calif. Sewage-purifying device. 1,646,478; Oct. 25.
 Elsnesser, Emil, and A. Hartmann, Barmen-Langerfeld, Germany, assignors, by mesne assignments, to American Bemberg Corporation. Manufacture of artificial silk. 1,646,788; Oct. 25.
 Embosograf Corporation of America. (See Courtenay, Frederick D., assignor.)
 Empire Gas and Fuel Company. (See Fisher, James P., assignor.)
 Ennslepen, John W., Pittsburgh, Pa., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,646,394; Oct. 25.
 Enterprise Manufacturing Company, The. (See Adams, Walter L., assignor.)
 Erickson, John, assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill. Electromagnetic relay. 1,646,956; Oct. 25.
 Eriksson, Erik O. (See Ljungström, F., Eriksson, and Broberg.)
 Evans, George S., Oak Park, Ill., assignor to The Mathieson Alkali Works, New York, N. Y. Refining of iron. 1,646,728; Oct. 25.
 Eversharp Manufacturing Co. (See Boylan, Thomas F., sr., assignor.)
 Eynon, Thomas M., Philadelphia, Pa. Liquid-level indicator. 1,646,957; Oct. 25.
 Faehl, Anthony, Hastings, Pa. Square, plumb, level, and measure. 1,646,958; Oct. 25.
 Fairchild, Charles N., Milford, Conn., assignor to Fairchild Lock Corporation, New Castle County, Del. Retarder for circuit breakers. 1,646,528; Oct. 25.
 Fairchild Lock Corporation. (See Fairchild, Charles N., assignor.)
 Faltelowitz, Arnold, Berlin, Germany. Apparatus for the production of preserves of vegetable matter of unlimited durability. 1,647,089; Oct. 25.
 Fales, Ellsha N., Dayton, Ohio. Air-speed indicator. 1,646,903; Oct. 25.
 Fallot, Alfred, Planen, Germany, deceased; H. Priester, executor. Sheet-delivering device for printing presses. 1,646,529; Oct. 25.
 Feather, John A., New Bedford, assignor to Powdrell & Alexander, Inc., Boston, Mass. Textile fabric. Des. 73,691; Oct. 25.
 Feather, John A., New Bedford, assignor to Powdrell & Alexander, Inc., Boston, Mass. Textile fabric. Des. 73,692; Oct. 25.
 Federal Electric Company. (See Ogle, Elmer L., assignor.)
 Felch, Eldon L. (See Moore, Herbert B., assignor.)
 Ferretti, John, Hastings, Pa. Mouthpiece. 1,646,530; Oct. 25.
 Ferro Machine and Foundry Co., The. (See Gill, Frank P., Jr., assignor.)
 Fibroc Insulation Company. (See Frederick, Louis T., assignor.)
 Field, Crosby, Brooklyn, N. Y., assignor to Brillo Manufacturing Company, Inc. Cleaning pad. 1,646,395; Oct. 25.
 Field, Crosby, Brooklyn, N. Y., assignor to Brillo Manufacturing Company, Inc. Scrubbing device and material therefor. 1,646,396; Oct. 25.
 Fischer, Geza S., Berlin, Germany. Automatic circuit breaker. 1,646,904; Oct. 25.
 Fischer, Robert L., Larchmont, N. Y. Syringe holder. 1,647,039; Oct. 25.
 Fishback, F. M. (See Loy, James W., assignor.)
 Fisher, James P., Bartlesville, Okla., assignor, by mesne assignments, to Empire Gas and Fuel Company, Dover, Del. Hydraulic vibratory drilling tool. 1,646,959; Oct. 25.
 Fisk Rubber Company, The. (See Castircum, Martin, assignor.)
 Fisk Rubber Company, The. (See Donovan, William J., assignor.)
 Fisk Rubber Company, The. (See Little, Thomas P., assignor.)

Fisk Rubber Company, The. (See Peglow, Albert H., assignor.)
 Fleck, John G. (See Decker, Harold E., assignor.)
 Flescher, Paul W., Weehawken Heights, N. J., assignor to American Can Company, New York, N. Y. Feeding and spacing mechanism for filled-can-closing machines. 1,646,960; Oct. 25.
 Fleming, George W. (See Van Norman, F. D., and Fleming.)
 Floyd, Earl T., near Temple, assignor to The Nolde and Horst Company, Reading, Pa. Stripping attachment for circular-knitting machines. 1,646,905; Oct. 25.
 Floyd, George G., Riverside, Ill. Container. 1,646,531; Oct. 25.
 Forkey, Willard G., Chicago, Ill. Building construction. 1,646,450; Oct. 25.
 Forsyth, Joseph E., assignor to M. K. Northam, Chicago, Ill. Draft gear. 1,646,857; Oct. 25.
 Fort Wayne Engineering & Mfg. Co. (See Astrom, John, assignor.)
 Fosbery, Ernest. (See Newlands, A. F., and Fosbery.)
 Foster, Walter H. (See Eden, James A., Jr., assignor.)
 Franchini, Oreste, assignor to G. Ratti, Turin, Italy. Goggles. 1,647,107; Oct. 25.
 Frank, Julius, Chicago, Ill. Bag-sealing machine. 1,646,397; Oct. 25.
 Franklin, H. H., Manufacturing Company. (See Burns, John L., assignor.)
 Frederick, Louis T., assignor to Fibroc Insulation Company, Valparaiso, Ind. Making tubes. 1,646,479; Oct. 25.
 Frederickson, Axel L., San Francisco, and E. C. Pitcher, Hayward, Calif. Wall-board machine. 1,646,645; Oct. 25.
 Freund, Edward, New York, N. Y. Warp prevention in boards or panels. 1,646,906; Oct. 25.
 Freund, Edward, Long Beach, N. Y. Producing ornamental effects on wood, glass, etc. 1,646,907; Oct. 25.
 Friedman, Jacob E., New York, N. Y. Display stand. Des. 73,693; Oct. 25.
 Fritz, Roy D., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Vulcanizing apparatus. 1,647,040; Oct. 25.
 Froesch, Charles. (See Masury, A. F., and Froesch.)
 Fronk, Lester H., Salt Lake City, Utah. Loud-speaker unit. 1,646,451; Oct. 25.
 Frye, Charles M., Amity, Oreg., and J. F. Copp, Hawthorne, Calif. Liquid heating and dispensing mechanism. 1,646,614; Oct. 25.
 Fox, Anna E. (See Fox, Ivan, assignor.)
 Fox, Ivan, assignor to A. B. Fox, Media, Pa. Eye-exercising device. 1,647,117; Oct. 25.
 Fuller Brush Company, The. (See Avis, Samuel W., assignor.)
 Furness, William H., National Park, N. J., assignor to Cellocik Company, Philadelphia, Pa. Pump. 1,646,615; Oct. 25.
 Gaffin, Benjamin B., Brooklyn, N. Y. Bubble pipe. 1,646,398; Oct. 25.
 Gagnon, William J., assignor to The Bead Chain Manufacturing Company, Bridgeport, Conn. Plumbing plug post. 1,646,995; Oct. 25.
 Gale, Alexander. (See Mellor, Dennis, assignor.)
 Gardner, John E., Chicago, and J. I. Bellamy, Brookfield, assignors, by mesne assignments, to Automatic Electric Inc., Chicago, Ill. Automatic telephone system. 1,646,399; Oct. 25.
 Gatchell, George S., Roselle Park, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Presser foot for sewing machines. 1,646,961; Oct. 25.
 Gatti, Mario, Milan, Italy. Internal-combustion engine. 1,646,789; Oct. 25.
 Gaugler, Charles L. (See Davey, James A. and P. H., and Gaugler.)
 Gaylord, John F., Indianapolis, Ind. Clutch mechanism for transmission gearing. 1,646,646; Oct. 25.
 Geale, Frederick M., assignor to T. F. Hlire, in trust, Toronto, Ontario, Canada. Telephone dial. 1,646,996; Oct. 25.
 Gelder, Royal W., Greeley, Colo. Concrete pavement for reservoirs, dams, levees, and the like. 1,646,997; Oct. 25.
 General Electric Company. (See Karapetoff, Vladimir, assignor.)
 General Electric Company. (See Seede, John A., assignor.)
 General Motors Corporation. (See Carnowsky, R. R., and Stratman, assignors.)
 General Tire and Rubber Company, The. (See Denmire, Harold A., assignor.)
 Germond, Henry S., Jr., Bayonne, and F. L. Eldmann, North Bergen, N. J., assignors to said Henry S. Germond, Jr. Elevating truck. 1,646,729; Oct. 25.
 Gerwitz, Frederick H., North Braddock, Pa. Bosh-cooling plate. 1,647,041; Oct. 25.
 Gesellschaft für Drahtlose Telegraphie m. b. H. Halleches. (See Zeitski, Willy, assignor.)
 Gets, Benjamin E., Morton, Ill. Electric motor. 1,646,400; Oct. 25.
 Gilchrist, William L., Albany, Oreg. Automatic hydraulic ball cock. 1,646,691; Oct. 25.
 Gill, Frank P., Jr., East Cleveland, assignor to The Ferro Machine and Foundry Co., Cleveland, Ohio. Piston. 1,646,998; Oct. 25.

Gilson, Robert M., Pittsburgh, Pa., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling. 1,646,401; Oct. 25.
 Glasen, Charles E., Columbia, Ill., assignor to Columbia Quarry Company, St. Louis, Mo. Dumping apparatus. 1,646,815; Oct. 25.
 Gleason Works. (See Slade, Alton P., assignor.)
 Globus, Henry, Cleveland, Ohio. Perforated illuminated sign and its manufacture. 1,647,090; Oct. 25.
 Gloekler, Bernard, Company. (See Ehrigott, Karl, assignor.)
 Goebels, Paul, Dessau, Germany. Drum mill. 1,646,532; Oct. 25.
 Goerk, Jacob, Irvington, N. J. Brief bag. 1,646,730; Oct. 25.
 Gold, Charles. (See Dickson, Charles F., assignor.)
 Goldman, Abraham W., Los Angeles, Calif. Pulley for balanced window sashes. 1,646,908; Oct. 25.
 Gommels, John P., Monmouth, Ill. Road sign. Des. 73,694; Oct. 25.
 Goo, Emma S. K., Honolulu, Hawaii. Statuette. Des. 73,695; Oct. 25.
 Gooder, Seth M. (See Noe, F. P., and Gooder.)
 Goodman Manufacturing Company. (See Housman, John S., assignor.)
 Goodrich, B. F., Company, The. (See Fritz, Roy D., assignor.)
 Goodridge, Gilbert W., assignor to The Bead Chain Manufacturing Co., Bridgeport, Conn. Chain ornament. 1,646,999; Oct. 25.
 Goodspeed, Arthur B., Chester, Conn. Oil burner. 1,646,816; Oct. 25.
 Goodspeed, Arthur B., Chester, Conn. Oil burner. 1,647,091; Oct. 25.
 Goodspeed, Arthur B., Chester, Conn. Oil burner. 1,647,092; Oct. 25.
 Gordon, Charles E., Detroit, Mich., assignor of one-half to J. G. Hedrick, Hailey, Idaho. Automatic dispensing and weighing machine. 1,646,817; Oct. 25.
 Gossling, Walter E., New York, N. Y., assignor, by mesne assignments, to Prest-O-Lite Storage Battery Corporation. Clamp terminal. 1,646,909; Oct. 25.
 Government and the People of the United States, The. (See Webb, Byron H., assignor.)
 Grasselli Dyestuff Corporation. (See Berliher, R., Stein, and Trautner, assignors.)
 Grasselli Dyestuff Corporation. (See Duisberg, W., Henrich, and Zeh, assignors.)
 Grasselli Dyestuff Corporation. (See Neelmeier, Wilhelm, assignor.)
 Green, Clifford H., assignor, by mesne assignments, to Automatic Musical Instrument Company, Grand Rapids, Mich. Spool mechanism for musical-instrument-player devices. 1,647,112; Oct. 25.
 Green, Michael A., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Cap for bottles or similar articles. Des. 73,696; Oct. 25.
 Greenlee Bros. & Co. (See Edward, D. W., and Mansfield, assignors.)
 Greenspoon, Hovner, Los Angeles, Calif. Window awning. 1,646,910; Oct. 25.
 Greenwald, Sidney, and S. Cascio, Brooklyn, N. Y. Tool for applying shoe buttons. 1,647,042; Oct. 25.
 Greer, Fredric. (See Umbdenstock, Walter, assignor.)
 Gritman, Abel D., Philadelphia, Pa. Dental apparatus. 1,646,749; Oct. 25.
 Gromeeko, John. (See Trootneff, M., and Gromeeko.)
 Gronke, Barney, Chicago, Ill., assignor to International Harvester Company. Stone shield for conveyer supports. 1,646,452; Oct. 25.
 Grossenbacher, Henry E., Overland, Mo. Cooking utensil. 1,646,858; Oct. 25.
 Guide Motor Lamp Manufacturing Company, The. (See White, Harold C., assignor.)
 Hadaway, John R., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Mailing mechanism. 1,646,402; Oct. 25.
 Hadley, Arth., assignor to The Hadley Company, Providence, R. I. Wrist-watch bracelet. 1,647,108; Oct. 25.
 Hadley Company, The. (See Hadley, Art., assignor.)
 Halliburton, Erle P., Los Angeles, Calif. Mixer and proportioner. 1,646,582; Oct. 25.
 Hamilton, Ernest, Manchester, England. Split pulley and the like. 1,646,692; Oct. 25.
 Hampson, William H., Watertown, Mass. Handhold for vehicles. 1,646,647; Oct. 25.
 Hancock, Horace G. (See Carpmill, J. F., and Hancock.)
 Haney, Thomas E. (See Ashleman, A. E., and Haney.)
 Hanley, Frank H., Detroit, Mich. Electric-iron switch. 1,646,911; Oct. 25.
 Hansen, Emil J., Green Bay, Wis. Napkin-dispensing device. 1,647,000; Oct. 25.
 Hansen, John, Greenwich, Conn., assignor to Abendroth Brothers, Port Chester, N. Y. Gas range. Des. 73,697; Oct. 25.
 Hardesty, Shortridge, Larchmont, and W. G. Williams, Flushing, N. Y., assignors to Waddell & Hardesty, New York, N. Y. Lift bridge. 1,646,403; Oct. 25.
 Harpstrite, Augustus J., Los Angeles, Calif. Tire filler. 1,646,480; Oct. 25.
 Harris, Walter S. (See O'Connell, Charles J., assignor.)
 Harter, Augustus F., Oak Park, assignor to Cribben & Sexton Company, Chicago, Ill. Gas range. 1,646,859; Oct. 25.
 Hartford-Empire Company. (See Mulholland, Vergil, assignor.)

Hartford-Empire Company. (See Peiler, Karl E., assignor.)
 Hartman, Abe, Brooklyn, N. Y. Casing for automobile signal. Des. 73,698; Oct. 25.
 Hartmann, August. (See Elsaesser E., and Hartmann.)
 Hartzell, George W. (See Charavay, Frederick, assignor.)
 Hassler Manufacturing Co. (See Hassler, Robert H., assignor.)
 Hassler, Robert H., assignor, by mesne assignments, to Hassler Manufacturing Co., Inc., Indianapolis, Ind. Rebound check with lubricating system. 1,646,583; Oct. 25.
 Hassler, Robert H., assignor, by mesne assignments, to Hassler Manufacturing Co., Inc., Indianapolis, Ind. Rebound check. 1,646,584; Oct. 25.
 Hastings, William A., assignor to Aluminum Products Company, La Grange, Ill. Pot or similar article. Des. 73,699; Oct. 25.
 Hanton, Paul S., Atlanta, Ga., assignor to The Parker Pen Company, Janesville, Wis. Clip for pens, pencils, and the like. 1,647,093; Oct. 25.
 Hawxhurst, John J., assignor to Liquid Dispensing Systems, Inc., Brooklyn, N. Y. Liquid-delivery control. 1,647,043; Oct. 25.
 Hayes, Joseph P., Chicago, Ill. Pneumatic-tire appliance. 1,646,693; Oct. 25.
 Hayse, Cecil F. (See Meek, J. B., and Hayse.)
 Hazel-Atlas Glass Company. (See Green, Michael A., assignor.)
 Healey-Aeromarine Bus Company. (See Chilton, Roland, assignor.)
 Hedrick, Joseph G. (See Gordon, Charles E., assignor.)
 Heldt, Guilelmus V., Atlanta, Ga. Control for electrical systems. 1,646,860; Oct. 25.
 Hellström, Simon. (See Tillberg, Erik W., assignor.)
 Hendrickson, Tredway J., Portland, Oreg. Flash light for doors. 1,647,001; Oct. 25.
 Hensel, Winfield L., assignor to The Miller Rubber Company, Akron, Ohio. Display device for water bottles. 1,647,044; Oct. 25.
 Hentrich, Winfrid. (See Duisberg, W., Hentrich, and Zeh.)
 Herbert, Frederick D., Upper Montclair, N. J., assignor to Metal Edge Filter Corporation. Filter. 1,646,404; Oct. 25.
 Herndon, O. K. (See D'Yarmett, Edward C., assignor.)
 Herr, Herbert T., Philadelphia, Pa., assignor to Westinghouse Electric & Manufacturing Company. Elastic-fluid turbine. 1,646,861; Oct. 25.
 Herring, John H. (See Schmieser, Theodore G., assignor.)
 Hewitt, Walter B., Richmond, Ind., assignor to Richmond Fireproof Door Company. Machine for covering wood with sheet metal. 1,646,533; Oct. 25.
 Hickok Manufacturing Company. (See Elchner, Robert F., assignor.)
 Hickok Manufacturing Company. (See Valsey, Harold C., assignor.)
 Hikok Manufacturing Company. (See Dieterich, William, assignor.)
 Hillix, Foster F., assignor, by mesne assignments, to White Sewing Machine Corporation, Cleveland, Ohio. Sewing-machine motor. 1,646,962; Oct. 25.
 Hinsky, Anthony P., Brooklyn, N. Y. Radio transformer. 1,647,094; Oct. 25.
 Hire, Thomas F., in trust. (See Geale, Frederick M., assignor.)
 Hitchcock, Rex B., Hoosick Falls, N. Y., assignor to International Harvester Company. Harvester thrasher. 1,646,453; Oct. 25.
 Hobbs Manufacturing Company. (See Lenston, Charles S., assignor.)
 Hodge, Forrest H., Lodi, Ohio. Oil-purifying apparatus. 1,646,481; Oct. 25.
 Hodshon, Ernest E., Nutley, N. J. Steam generating and discharging device. 1,646,912; Oct. 25.
 Hoffman Heater Company, The. (See Reinecke, John P., assignor.)
 Holland, Harry A., Los Angeles, Calif. Physical-exercising apparatus. 1,646,818; Oct. 25.
 Holley, Joel and S., Florida, Ala. Plow attachment. 1,646,750; Oct. 25.
 Holley, Simon. (See Holley, Joel and S.)
 Holmes, Morris P., Claremont, N. H., assignor to Sullivan Machinery Company. Controlling mechanism. 1,646,694; Oct. 25.
 Holmes, Morris P., Claremont, N. H., assignor to Sullivan Machinery Company. Mining machine. 1,647,118; Oct. 25.
 Honigbaum, Harry H., Richmond Hill, N. Y. Shingle. 1,646,963; Oct. 25.
 Hooley, John W., Larchmont, N. Y. Electric-appliance support and connection. 1,647,002; Oct. 25.
 Hopkins, Charles L., River Forest, assignor to Benjamin Electric Manufacturing Company, Chicago, Ill. Electrical-fixture-supporting device. 1,646,482; Oct. 25.
 Hopkins, Charles L., River Forest, Ill., assignor to Benjamin Electric Manufacturing Company, Chicago, Ill. Switch mechanism. 1,646,964; Oct. 25.
 Hornquist, Frank, Mount Jewett, Pa. Child's conveyance guard. 1,646,790; Oct. 25.
 Horowitz, Albert, New York, N. Y. Container for connections. 1,646,534; Oct. 25.
 Horton, Charles, Ridgfield Park, N. J., assignor to The Pilot Electric Manufacturing Company, Inc., Brooklyn, N. Y. Resistance element. 1,646,535; Oct. 25.

Hoskins, William, Chicago, Ill. Induction furnace. 1,646,862; Oct. 25.
 Housman, John S., assignor to Goodman Manufacturing Company, Chicago, Ill. Scraper-loader apparatus. 1,646,536; Oct. 25.
 Hoy, John E., assignor to The Dow Chemical Company, Midland, Mich. Working light metals. 1,647,095; Oct. 25.
 Hubbard, Lloyd B., assignor of one-fourth to B. Martin and B. G. Oneal, Wichita Falls, Tex. Reversible rotary motor (gas). 1,646,695; Oct. 25.
 Huber, Frederick W., Riverside, Calif. Well cementing. 1,647,003; Oct. 25.
 Hudson, Claude S., Trenton, N. J., assignor to Standard Development Company. Glazing composition. 1,646,731; Oct. 25.
 Humphrey, Clifford W. (See Lea, H. I., and Humphrey.)
 Humphris, Frank, Parkstone, England. Relief mechanism. 1,647,045; Oct. 25.
 Hunt, J. Harold, Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Valve-stem arrangement for vehicle wheels. 1,646,863; Oct. 25.
 Hupp Motor Car Corporation. (See McDowell, La Mont A., assignor.)
 Hurley, Charles, Jersey City, N. J., assignor to Continental Can Company, Inc., New York, N. Y. Sheet-metal container. 1,646,537; Oct. 25.
 Hurst, John W., Minneapolis, Minn. Trolley retriever. 1,646,585; Oct. 25.
 Hussey, Chester L., Holyoke, Mass. Attaching snow-plows, back fillers, and the like to the drawbars of tractors. 1,646,751; Oct. 25.
 Hutchinson, George, assignor to Hutchinson Scale Company, Sheboygan, Wis. Indicator device for instruments. 1,646,819; Oct. 25.
 Hutchinson Scale Company. (See Hutchinson, George, assignor.)
 Huttlinger, Charles A., Lakewood, assignor, by mesne assignments, to The Acme Rayon Corporation, Cleveland, Ohio. Producing threads from viscose. 1,646,538; Oct. 25.
 Hyde, Burdon P., assignor to Scovill Manufacturing Company, Waterbury, Conn. Loose-powder vanity box. 1,647,004; Oct. 25.
 Iceless Automatic Refrigerator Company. (See Jankus, Jack C., assignor.)
 Ingersoll-Rand Company. (See Slater, Fred M., assignor.)
 Innes, Edith K., Zion, Ill. Vertical hydraulic turbine. 1,646,405; Oct. 25.
 International Derrick & Equipment Company, The. (See Bloss, Richard R., assignor.)
 International Harvester Company. (See Gronke, Barney, assignor.)
 International Harvester Company. (See Hitchcock, Rex B., assignor.)
 International Harvester Company. (See Johnson, A. L., and Mitchell, assignors.)
 International Harvester Company. (See Raney, Clemma R., assignor.)
 International Harvester Company. (See Sturrock, John, assignor.)
 International Harvester Company. (See Wiklund, Anders, assignor.)
 International Motor Company. (See Bernard, Harry, assignor.)
 International Motor Company. (See Leipert, August H., assignor.)
 International Motor Company. (See Masury, A. F., and Froesch, assignors.)
 International Motor Company. (See Matthews, Joseph L., assignor.)
 International Motor Company. (See McCall, George, assignor.)
 International Motor Company. (See Queeney, Frank E., assignor.)
 International Motor Company. (See Wirrer, Gottfried, assignor.)
 International Skywriters Limited. (See Sieber, Jacob, assignor.)
 Interstate Folding Box Company, The. (See Bergstein, Samuel, assignor.)
 Irving-Pitt Manufacturing Company. (See Van Valkenburgh, Richard M., assignor.)
 Isachsen, Isak, assignor, by mesne assignments, to A/S. Krystal, Christiania, Norway. Separating two or more substances from a solution. 1,646,454; Oct. 25.
 Isley, Gilbert W., Cleveland, Ohio. Holder arm for door checks and closers. 1,646,406; Oct. 25.
 Jackson, Maunsell B., Toronto, Ontario, Canada. Starter for engines. 1,646,864; Oct. 25.
 Jacobs, Charles B., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Erosive resistant ferrous alloy. 1,647,096; Oct. 25.
 Jandus, Herbert S., and E. R. Keeler, assignors to The C. G. Spring & Bumper Company, Detroit, Mich. Clamp plate for vehicle bumpers. Des. 73,700; Oct. 25.
 Jandus, Herbert S., and N. Van Huse, assignors to The C. G. Spring & Bumper Company, Detroit, Mich. Clamp plate for vehicle bumpers. Des. 73,701; Oct. 25.
 Jandus, Herbert S., and N. Van Huse, assignors to The C. G. Spring & Bumper Company, Detroit, Mich. Clamp plate for vehicle bumpers. Des. 73,702; Oct. 25.
 Jankus, Jack C., Scranton, Pa., assignor, by mesne assignments, to Iceless Automatic Refrigerator Company, Dover, Del. Refrigerator box. 1,646,616; Oct. 25.

Jensen, Rasmus N., Salt Lake City, Utah. Lathing sheet. 1,646,483; Oct. 25.
 Jimmis, John E., Oshkosh, Wis. Traffic safety gate. 1,646,820; Oct. 25.
 Johnson, Andrew L., and R. M. Mitchell, assignors to International Harvester Company, Chicago, Ill. Power drive for harvesters. 1,646,455; Oct. 25.
 Johnson, Arthur S., assignor to Draper Corporation, Hopdale, Mass. Brake mechanism for looms. 1,646,539; Oct. 25.
 Johnson Automatic Sailer Co. (See Sandberg, Oscar, assignor.)
 Johnson, Jesse O., Mexia, Tex. Fishing tool for use in oil wells. 1,646,965; Oct. 25.
 Johnson, Nathan C., Englewood, N. J. Method and apparatus for mixing. 1,646,540; Oct. 25.
 Jones, Harry C. (See Darby, J., and Jones.)
 Jones, Robert M., Stony Point, assignor to Remington Typewriter Company, Ilion, N. Y. Typewriting machine. 1,646,407; Oct. 25.
 Jonsson, Jonas, Vansbro, and C. W. Dybeck, Falun, Sweden. Pine-seed separator. 1,646,865; Oct. 25.
 Jost, Fred, San Francisco, Calif. Apparatus for mixing fluids of different densities. 1,646,913; Oct. 25.
 Justice, Charles E. (See Vaughan, J. L., and Justice.)
 Kachman, John, Berwyn, Ill. Connector. 1,647,097; Oct. 25.
 Kalsling, William, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Plug. 1,646,541; Oct. 25.
 Karapetoff, Vladimir, Ithaca, N. Y., assignor to General Electric Company. Regulating system for dynamo-electric machines. 1,646,821; Oct. 25.
 Karapetoff, Vladimir, Ithaca, N. Y., assignor to General Electric Company. Regulation of dynamo-electric machines. 1,646,822; Oct. 25.
 Karapetoff, Vladimir, Ithaca, N. Y., assignor to General Electric Company. Regulation of dynamo-electric machines. 1,646,823; Oct. 25.
 Kashiwagi, Kosuke, Yamaguchi, Japan. Clinical thermometer and manufacture of same. 1,646,914; Oct. 25.
 Katz, Aaron S., New York, N. Y. Flower stand. Des. 73,703; Oct. 25.
 Keays, Robert J., and E. I. Coffey, San Francisco, Calif. Filing device. 1,646,696; Oct. 25.
 Keefe, Walter L., assignor to The Wolf Co., Chambersburg, Pa. Vacuum floor scrubbing and washing machine. 1,647,005; Oct. 25.
 Keeler, Everett R. (See Jandus, H. S., and Keeler.)
 Keller, Wilhelm, Ronsdorf, Germany. Loom for weaving wire fabric. 1,647,113; Oct. 25.
 Kelley, George C., Taft, Calif. Apparatus for treating oil. Re16 778; Oct. 25.
 Kellogg Switchboard and Supply Company. (See Kalsling, William, assignor.)
 Kellogg Switchboard and Supply Company. (See Robinson, Daniel B., assignor.)
 Kelly, John C., assignor of one-half to G. E. Lund, Huntington, Ind. Machine for reclaiming piston packing. 1,646,915; Oct. 25.
 Kendall, William G., Newark, N. J. Vanity case and ejector therefor. 1,647,046; Oct. 25.
 Kennedy, Frank M., Clarendon, Ark. Running gear for wagons. 1,647,047; Oct. 25.
 Kennedy, Richard D., Altoona, Pa. Dial. 1,646,408; Oct. 25.
 Kenlinger, Livingston B. and M. Q., assignors to The Peters Cartridge Company, Cincinnati, Ohio. Oil cup. 1,646,409; Oct. 25.
 Keplinger, Martha Q. (See Keplinger, Livingston B. and M. Q.)
 Keyser, Johann J., Aarau, Switzerland. Actuating device for the cone of spinning, twisting, and the like machines. 1,646,542; Oct. 25.
 Kiehle, Clarence A. (See Atwood, E. H., Wanner, Kiehle, and Wright.)
 Kimber, Henry A., New Rochelle, N. Y. Pulverizer. 1,646,752; Oct. 25.
 Kimberly, Alfred C., assignor to The Multi-Print System Co., Inc., Neenah, Wis. Roller tension device. 1,646,824; Oct. 25.
 King, Malvern D., Gatesville, Tex. Dental flask. 1,647,048; Oct. 25.
 King, William B., Leaksville, N. C. Combination bench and wardrobe. Des. 73,704; Oct. 25.
 Kirkpatrick, William C., Alhambra, assignor to National Refining Process Corporation, Los Angeles, Calif. Oil-cracking process and apparatus. 1,646,548; Oct. 25.
 Kirzner, Samuel, Malden, Mass. Ash tray. 1,647,006; Oct. 25.
 Knapp Brothers Manufacturing Company. (See Thomas, Wingate S., assignor.)
 Kness, Austin E., Audubon, Iowa. Pruning saw. 1,646,484; Oct. 25.
 Knigoff, Leo, New York, N. Y. Radiodial. 1,646,648; Oct. 25.
 Koehndorfer, Frederic S., River Forest, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Fibrous articles and producing such articles. 1,646,825; Oct. 25.
 Koelling, Edward A., Jr., St. Louis, Mo. Loose-leaf binder. 1,646,697; Oct. 25.
 Koller, Henry, Chicago, Ill. Combined rear automobile window and warning signal. 1,646,617; Oct. 25.
 Koppers Development Corporation, The. (See Koppers, Heinrich, assignor.)

Koppers, Heinrich, Essen-Ruhr, Germany, assignor to The Koppers Development Corporation. Frictional distillation process and apparatus. 1,646,698; Oct. 25.
 Korn, Louis, Houston, Tex. Collapsible container. 1,646,544; Oct. 25.
 Korvallis, John N., Los Angeles, Calif. Automobile signal. Des. 73,705; Oct. 25.
 Kotler, Jacob L. (See Lanoue, Henry S., assignor.)
 Kriegl, John P., Milwaukee, Wis. Angle float. 1,646,649; Oct. 25.
 Kurowski, Alfred G. F., Brooklyn, assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,646,966; Oct. 25.
 La Brie, Ludger E., South Bend, Ind., assignor to Bendix Brake Company, Chicago, Ill. Vehicle having brakes. 1,647,007; Oct. 25.
 Lagenbach, Edward A. (See Blecker, William M., assignor.)
 Laier, Emil, Kansas City, Mo., Buckle. 1,646,545; Oct. 25.
 Lake, Arthur E., Bishops Stortford, England. Lifting jack. 1,647,049; Oct. 25.
 Lakewood Engineering Company, The. (See Mosel, Joseph H., assignor.)
 Lamarque, Gaudencio, and C. Recuero, Buenos Aires, Argentina. Apparatus for serving out beer. 1,646,916; Oct. 25.
 Lamb Knitting Machine Company. (See Wright, Charles L., assignor.)
 Landis Machine Company. (See Duchesne, Ernest, assignor.)
 Langsner, Adolph, assignor to Eugene Dietzgen Co., Chicago, Ill. Measuring tape. 1,646,826; Oct. 25.
 Lanoue, Henry S., Woonsocket, R. I., assignor of one-half to J. L. Kotler, Worcester, Mass. Butter-cutting device. 1,647,098; Oct. 25.
 Lansrud, Endre A., Des Moines, Iowa. Automatic sand valve. 1,646,753; Oct. 25.
 La Pierre, Julian B., Chicago, Ill. Steering wheel. 1,646,410; Oct. 25.
 La Pierre, Julian B., Chicago, Ill. Steering wheel. 1,646,411; Oct. 25.
 Larsen, Louis J., Astoria, N. Y. Shackle. 1,646,546; Oct. 25.
 Larsh, James E. (See De Roo, W. C., and Larsh.)
 Larson, Charles L., Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey. Rail bond. 1,646,917; Oct. 25.
 Lavigne, Joseph E., Fall River, Mass. Truck and similar conveyance. 1,646,547; Oct. 25.
 Lawrence, William H., Boston, Mass. Wire or cord hanger. 1,647,008; Oct. 25.
 Layne & Bowler Corporation. (See Parker, William A., assignor.)
 Lea, Henry I., Santa Monica, Calif., and C. W. Humphrey, Red Bank, N. J. Aluminum-chloride process. 1,646,732; Oct. 25.
 Lea, Henry I., Santa Monica, Calif., and C. W. Humphrey, Red Bank, N. J. Aluminum-chloride process. 1,646,733; Oct. 25.
 Leahy, Michael J., Tucson, Ariz. Pump, compressor, or the like. 1,646,754; Oct. 25.
 Lehman, Werner. (See Wilkinson, F., and Lehman.)
 Lehon Company, The. (See Moore, Albert E. F., assignor.)
 Leipert, August H., assignor to International Motor Company, New York, N. Y. Spring suspension for vehicles. 1,646,755; Oct. 25.
 Lenston, Charles S., assignor to Hobbs Manufacturing Company, Worcester, Mass. Scoring cutter. 1,646,918; Oct. 25.
 Levy & Westwood Machinery Company. (See Westwood, Louis J., assignor.)
 Lewis, Leroy M., Ardmore, Pa. Dry-pipe-valve accelerator. 1,646,818; Oct. 25.
 Lewis, Warren K. (See Loomis, N. E., and Lewis.)
 Libbey-Owens Sheet Glass Company. (See McKinley, Thomas C., assignor.)
 Line Material Company. (See Steinmayer, Alwin G., assignor.)
 Lion Match Co. (See Shmyroff, A., Bogoslawsky, and Dill, assignors.)
 Lipman, Carl E. L., Beloit, Wis. Refrigerating apparatus. 1,646,919; Oct. 25.
 Lipchutz, George, Philadelphia, Pa. Electric-light fixture. Des. 73,706; Oct. 25.
 Liquid Dispensing Systems, Inc. (See Hawxhurst, John J., assignor.)
 Lithonitrex Corporation. (See Darby, J., and Jones, assignors.)
 Little, Thomas P., assignor to The Flisk Rubber Company, Chicopee Falls, Mass. Holding device. 1,646,967; Oct. 25.
 Livignano, Daniel, Cleveland, Ohio. Arch support. 1,646,920; Oct. 25.
 Ljungström, Fredrik, Lidings-Brevik Ormbunken, E. O. Eriksson, Lidings-Brevik Tallhvidan, and I. Broberg, Skarsatra, Lidings, assignors to Aktiebolaget Ljungströms Anstrublin, Stockholm, Sweden. Condenser plant for locomotives. 1,646,650; Oct. 25.
 Liédo, Vincent, Marseille, France. Continually-working machine for molding and marking by compression plastic materials. 1,646,412; Oct. 25.
 Loomis, Crawford C., Ilion, N. Y., assignor to Remington Arms Company, Inc. Firearm. 1,646,699; Oct. 25.

Loomis, Nathaniel E., Elizabeth, N. J., and W. K. Lewis, Newton, Mass., assignors to Standard Development Co. Fractional distillation. 1,646,619; Oct. 25.
 Loose, Kenneth D., Bronxville, N. Y., assignor to Loose Wiles Biscuit Company, Long Island City, N. Y. Food product. 1,646,921; Oct. 25, 1927.
 Loose Wiles Biscuit Company. (See Loose, Kenneth D., assignor.)
 Lorber, Charles, Louisville, Ky. Pocket-key case. 1,646,485; Oct. 25.
 Lorenz, C., Aktiengesellschaft. (See Schmidt, Karl, assignor.)
 Lossmann, August, Wauwatosa Township, Milwaukee County, Wis. Marking die. 1,646,413; Oct. 25.
 Loth, Ben, Cincinnati, Ohio. Aeroplane safety device. 1,646,586; Oct. 25.
 Louder, Earl A., New York, assignor, by mesne assignments, to Boyce and Veeder Co. Inc., Long Island City, N. Y. Pressure indicator for fire extinguishers and the like. 1,646,968; Oct. 25.
 Lovejoy, Ralph M., Boston, Mass. Spring suspension for vehicles. 1,647,009; Oct. 25.
 Lowy, Samuel, New York, N. Y. Office partition. 1,646,651; Oct. 25.
 Loy, James W., assignor of one-half to F. M. Fishback, Long Beach, Calif. Rotary disk drill. 1,646,620; Oct. 25.
 Ludwick, Herbert V., assignor to Budd Wheel Company, Philadelphia, Pa. Wheel. 1,646,866; Oct. 25.
 Luley, John, New York, and J. P. Brunner, Brooklyn, N. Y. Sheet-feed controller for folding machines. 1,646,652; Oct. 25.
 Lund, Geo. E. (See Kelly, John C., assignor.)
 Lunsford, Errell C., Shreveport, La. Brake-beam-supporting bolt. 1,646,587; Oct. 25.
 Lushby, John G., Harrisburg, Pa. Electric switch. 1,646,756; Oct. 25.
 Lyman, Walter H., assignor to The American Perforator Company, Chicago, Ill. Cryptographic perforator. 1,646,969; Oct. 25.
 Lyons, J., and Company. (See Oliver, George W., assignor.)
 Lytle, George, Parma, Idaho. Harrow attachment for plows. 1,646,486; Oct. 25.
 Macdonald, Angus S., Great Neck, N. Y., assignor, by mesne assignments, to Spicer Manufacturing Corporation, South Plainfield, N. J. Flexible torque-transmitting member. 1,647,114; Oct. 25.
 Macdonald, Arthur E., London, England. Spark plug. 1,647,099; Oct. 25.
 Mackay, Henry S., London, England. Roasting metallic ores. 1,647,050; Oct. 25.
 Mackinnon, Neil G., Los Angeles, Calif. Combined table and camp kit. 1,646,922; Oct. 25.
 MacLaron, Robert, Culross, Fife, Scotland. Temperature-control valve. 1,646,548; Oct. 25.
 Madden, Timothy, Egg Harbor, Wis. Harrow. 1,646,549; Oct. 25.
 Magnavox Company, The. (See Metcalf, Herbert E., assignor.)
 Mansfield, Judson H. (See Edwards, D. W., and Mansfield.)
 Mansilla, Prudencia G., et al. (See Echaniz, J. L., and Mansilla, assignors.)
 Marden, John W., East Orange, N. J., assignor to Westinghouse Lamp Company. Metallurgical method. 1,646,734; Oct. 25.
 Marshall, Frank B., Kinsley, Kans. Sunshade for automobile windows. 1,646,621; Oct. 25.
 Marston, Gordon S., Westminster, England. Electric-circuit breaker. 1,647,010; Oct. 25.
 Martel, Edgar J., Laconia, N. H. Automobile lock. 1,646,970; Oct. 25.
 Martens, William E., Wheatland, Iowa. Shingle-scaffold bracket. 1,646,923; Oct. 25.
 Martin, Bernard, et al. (See Hubbard, Lloyd B., assignor.)
 Marton, Charles T., Rochester, N. Y. Sign holder. 1,646,414; Oct. 25.
 Marvel Equipment Company, The. (See Optiz, William H., assignor.)
 Mason, Ralph K., assignor to The Trumbull-Vanderpoel Electric Manufacturing Company, Bantam, Conn. Knock-out-type electrical inclosing box. 1,646,622; Oct. 25.
 Massey-Harris Harvester Company. (See Baseman, Ernest, assignor.)
 Master Domestic Refrigerating Company. (See Strong, Archie H., assignor.)
 Masury, Alfred F., and C. Froesch, assignors to International Motor Company, New York, N. Y. Supercharging device. 1,646,757; Oct. 25.
 Mathieson Alkali Works, The. (See Evans, George S., assignor.)
 Matthews, Joseph L., Highland Park, N. J., assignor to International Motor Company, New York, N. Y. Lathe attachment for turning irregular profiles. 1,646,758; Oct. 25.
 Mank, Frederick M., Prescott, Ariz. Electric switch. 1,646,924; Oct. 25.
 Mauss, Wilhelm, Durban, Natal, South Africa. Cake-washing means for rotary vacuum filters. 1,646,653; Oct. 25.
 Mayer, Leon, Chicago, Ill. Key case. 1,646,927; Oct. 25.
 McArdle, Michael W., Chicago, Ill. Razor strop. 1,646,415; Oct. 25.

McCall, George, Woodside, assignor to International Motor Company, New York, N. Y. Elevating device. 1,646,759; Oct. 25.
 McCartney, Will C., Cambridge, Ohio. Salt and pepper shaker. Des. 73,707; Oct. 25.
 McConnell, Laura G., Madison, N. J. Ash-can cover. 1,646,623; Oct. 25.
 McCormick, Harold V., Long Beach, N. Y., assignor, by mesne assignments, to Shur-Loc Elevator Safety Corporation, Newark, N. J. Elevator. 1,646,487; Oct. 25.
 McDowell, La Mont A., assignor to Hupp Motor Car Corporation, Detroit, Mich. Striker-plate assembly. 1,646,588; Oct. 25.
 McElwee, Winfred. (See Arbogast, William H., assignor.)
 McGilton, James D. (See Williams, I. B., and McGilton.)
 McGinnis, John A. (See Davis, W. T., and McGinnis.)
 McKenna, Alexander G., Washington, D. C., assignor to Pomona Manufacturing Company, Pomona, Calif. Bearing for turbine-pump shafts. 1,646,624; Oct. 25.
 McKinley, Thomas C., Charleston, W. Va., assignor to Libbey-Owens Sheet Glass Company, Toledo, Ohio. Forming sheet glass. 1,646,488; Oct. 25.
 McLaughlin, Wallace D., and D. J. Wilkens, Fulton, Ill. Toy. 1,646,791; Oct. 25.
 McMurtrey, Ellisha L., Rison, Ark. Shank and edge trimmer. 1,646,654; Oct. 25.
 McMurtrey, Ellisha L., Rison, Ark. Sole-edge burnisher. 1,646,655; Oct. 25.
 Mechanical Appliance Company. (See Winton, John R., assignor.)
 Medlock, John, Chicago, Ill. Automobile light. 1,646,828; Oct. 25.
 Meek, John B., and C. F. Hayse, Portland, Oreg. Miter box for power-driven saws. 1,645,589; Oct. 25.
 Mellor, Dennis, assignor of one-half to A. Gale, Philadelphia, Pa. Furnace-grate-bar construction. 1,646,700; Oct. 25.
 Mendel, William, Beverly, assignor to S. A. Neidlich, Edgewater Park, N. J. Manufacture of artificial silk from viscose. 1,646,625; Oct. 25.
 Mendonca, John C., New Bedford, Mass. Safety device. 1,646,971; Oct. 25.
 Metal Edge Filter Corporation. (See Herbert, Frederick D., assignor.)
 Metcalf, Herbert E., San Leandro, assignor to The Magnavox Company, Oakland, Calif. Vacuum tube. 1,646,626; Oct. 25.
 Meter Service Corporation. (See Alcazar, Alcides M., assignor.)
 Methudy, Eugene R., St. Louis, Mo. Gas range. Des. 73,708; Oct. 25.
 Mildenberg, Julius, Dusseldorf-Oberkassel, Germany. Massage bandage and the like. 1,646,590; Oct. 25.
 Miller, Albert E., assignor to Sinclair Refining Company, Chicago, Ill. Handling crude oil and residuals. 1,646,760; Oct. 25.
 Miller Company, The. (See Wolter, Herman H., assignor.)
 Miller, Elias N., Amarillo, Tex. Die mechanism. 1,646,550; Oct. 25.
 Miller, Joseph A., assignor to Draper Corporation, Hopedale, Mass. Bobbin-clutching means for rotatable spindles. 1,647,109; Oct. 25.
 Miller Rubber Company, The. (See Hensel, Winfield L., assignor.)
 Miller Saw-Trimmer Company. (See Belluche, Frank R., assignor.)
 Mills, Ronald V. A., Sandy Spring, Md., assignor to P. Q. Nyce, Washington, D. C. Electrochemical method for preventing corrosion. 1,646,735; Oct. 25.
 Mills, Ronald V. A., Sandy Spring, Md., assignor to P. Q. Nyce, Washington, D. C. Electrochemical means for preventing corrosion. 1,646,736; Oct. 25.
 Minard, Ernest E., Detroit, Mich. Feed collet. 1,646,925; Oct. 25.
 Minard, Ernest E., Detroit, Mich. Collet. 1,646,926; Oct. 25.
 Mitchell Camera Corporation. (See Mitchell, George A., assignor.)
 Mitchell, G. F., & Sons. (See Mitchell, Harry W., assignor.)
 Mitchell, George A., Huntington Park, assignor to Mitchell Camera Corporation, Los Angeles, Calif. Viewing device for cameras. 1,646,829; Oct. 25.
 Mitchell, Harry W., assignor to G. F. Mitchell & Son, Cleveland, Ohio. Washing machine. 1,646,972; Oct. 25.
 Mitchell, Robert M. (See Johnson, A. L., and Mitchell.)
 Moe, Andrew O., Toppenish, Wash. Cleaning machine for fruit, vegetables, or the like. 1,646,701; Oct. 25.
 Mombur, Georges, Versailles, France. Device for indicating speed. 1,647,115; Oct. 25.
 Monckmeyer, Gustav C., Tipton, Iowa. Automatic thrust bearing. 1,646,416; Oct. 25.
 Moore, Albert E. F., Chicago, Ill., assignor to The Lehon Company, Roofing. 1,646,551; Oct. 25.
 Moore, Anna B. R., New Orleans, La. Cover holder. 1,646,792; Oct. 25.
 Moore, Arlington, New York, N. Y., assignor to Moore Inventions Corporation, Worcester, Mass. Manifold game apparatus. 1,646,973; Oct. 25.
 Moore Dry Kiln Company. (See Bundrick, David D., assignor.)
 Moore, Herbert B., assignor of one-half to E. L. Felch, Los Angeles, Calif. Slush-pump piston. 1,646,927; Oct. 25.

Moore Inventions Corporation. (See Moore, Arlington, assignor.)
 Morgan, Benjamin, Shadyside, Ohio. Automobile headlight. 1,647,011; Oct. 25.
 Morgan, Edmund C., deceased; O. E. Morgan, executrix, New York, N. Y. Coal-mine roof-supporting mechanism and operating the same. 1,646,417; Oct. 25.
 Morgan, Olive E., executrix. (See Morgan, Edmund C.)
 Morgan, William H., Jr. (See Morgan, William H., sr., assignor.)
 Morgan, William H., sr., assignor to W. H. Morgan, Jr., Alliance, Ohio. Apparatus for disintegrating sugar cane. 1,646,761; Oct. 25.
 Morgan, William H., sr., assignor to W. H. Morgan, Jr., Alliance, Ohio. Apparatus for and method of extracting juice from cane stalks. 1,646,762; Oct. 25.
 Morris, Daniel, St. Petersburg, Fla. Traffic signal. 1,647,012; Oct. 25.
 Mosel, Joseph H., assignor to The Lakewood Engineering Company, Lakewood, Ohio. Driving mechanism for track-laying vehicles. 1,646,552; Oct. 25.
 Mosler Lock Company, The. (See Benham, Edgar M., assignor.)
 Mossman, Orren P., Eldora, Iowa, and F. R. Niven, Rochester, N. Y. Horsehoe. 1,646,627; Oct. 25.
 Motable Products Company, The. (See Bauerle, Charles E., assignor.)
 Moyer, Fredella H., Canton, Ohio. Welding structural members. 1,646,974; Oct. 25.
 Moyer, Paul S., assignor to The Aridor Company, Chicago, Ill. Container. 1,646,702; Oct. 25.
 Mueller, Ernst, Brooklyn, N. Y. Toy. 1,646,830; Oct. 25.
 Mulholland, Vergil, West Hartford, assignor to Hartford-Rapier Company, Hartford, Conn. Liquid-fuel burner. 1,646,703; Oct. 25.
 Multi-Print System Co., The. (See Kimberly, Alfred K., assignor.)
 Munger, Eugene, Birmingham, Ala., assignor to Continental Gin Company, Cotton-gin lint flue. 1,646,856; Oct. 25.
 Murlin, John R., Rochester, N. Y. Preparation of anti-diabetic material from pancreas. 1,646,553; Oct. 25.
 Murray, Ethelbert T. R. and L. E. R., Hertfordshire, England. Illuminated indicating device. 1,646,763; Oct. 25.
 Murray, Leslie E. R. (See Murray, Ethelbert T. R. and L. E. R.)
 Music Master Corporation. (See Zillker, Arno, assignor.)
 National Carbon Company. (See Schumacher, Erwin A., assignor.)
 National Malleable and Steel Castings Company. (See Eiler, John L., assignor.)
 National Refining Process Corporation. (See Kirkpatrick, William C., assignor.)
 National Tube Company. (See Webb, Samuel, assignor.)
 Neelmeyer, Wilhelm, Leverkusen, near Cologne-on-the-Rhine, Germany, assignor to Graessli Dyestuff Corporation, New York, N. Y. Brown substituted benzidine wool dyestuffs. 1,646,793; Oct. 25.
 Neidlich, Samuel A. (See Mendel, William, assignor.)
 Nelson, Emil A., Abington, assignor to Budd Wheel Company, Philadelphia, Pa. Vehicle wheel. 1,646,867; Oct. 25.
 New Britain Machine Company, The. (See Brown, Robert S., assignor.)
 New Haven Clock Co., The. (See Whitehead, R. H., and Porter, assignors.)
 Newlands, Alexander F., and E. Fosbery, Ottawa, Ontario, Canada. Adjustable sander. 1,646,868; Oct. 25.
 Newman, Samuel, Cincinnati, Ohio. Suspender. 1,646,975; Oct. 25.
 Newquist, Carl V. (See Noreen, G., and Newquist.)
 Niven, Frank R. (See Mossman, O. P., and Niven.)
 Noe, Frank P., and S. M. Gooder, Chicago, Ill. Jack. 1,646,591; Oct. 25.
 Noe, Harold C., East Orange, N. J., assignor to Wm. R. Noe & Sons, New York, N. Y. Lamp shade. Des. 73,709; Oct. 25.
 Noe, Wm. R. & Sons. (See Noe, Harold C., assignor.)
 Nolde and Horst Company, The. (See Floyd, Earl T., assignor.)
 Nolen, James G., New York, N. Y. Vibration modifier for diaphragms. 1,646,628; Oct. 25.
 Nordquist, Ronald E. J., Maplewood, N. J., assignor to American Can Company, New York, N. Y. Semi-automatic vacuum-closing machine. 1,646,704; Oct. 25.
 Noreen, Gustav, and C. V. Newquist, Chicago, Ill. Oil burner. 1,646,456; Oct. 25.
 North East Appliances, Inc. (See Thompson, R. G., and Crumrine, assignors.)
 North East Electric Company. (See Dorsey, Farnum F., assignor.)
 North & Judd Manufacturing Company. (See Carpmill, J. F., and Hancock, assignors.)
 Northam, Martin K. (See Forsyth, Joseph E., assignor.)
 Norwood, Harry Y., assignor to Taylor Instrument Companies, Rochester, N. Y. Time-controlled regulating apparatus. 1,646,976; Oct. 25.
 Norwood, Harry Y., Avon, assignor to Taylor Instrument Companies, Rochester, N. Y. Thermometer. 1,646,977; Oct. 25.
 Noyes, Daniel H., Athol, Mass. Direction signal. 1,647,051; Oct. 25.
 Nyce, Peter Q. (See Mills, Ronald V. A., assignor.)
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O. K. Tool Company, The. (See Severson, Ole, assignor.)
 O'Brien, Anna, New York, N. Y. Apparatus for waving hair. 1,646,831; Oct. 25.
 O'Brien, Walter J., et al. (See Bock, Charles S., assignor.)
 O'Connell, Charles J., Deer Wood, assignor of one-half to W. S. Harris, Minneapolis, Minn. Honey food product. 1,646,657; Oct. 25.
 Ogden, John E. (See Smith, Ezra B., assignor.)
 Ogden, John E. (See Tomkinson, Charles C., assignor.)
 Ogden, John E., Mountainville, N. Y. Anchorage. 1,646,457; Oct. 25.
 Ogile, Elmer L., assignor to Federal Electric Company, Chicago, Ill. Fuse. 1,646,629; Oct. 25.
 Ohaver, David W., Rockville, Ind. Leak detector. 1,646,928; Oct. 25.
 Oliver, George, Seattle, Wash. Cable coupler. 1,646,489; Oct. 25.
 Oliver, George W., Harrow, assignor to J. Lyons and Company, Limited, London, England. Inserting cards and the like in cartons or similar containers. 1,646,655; Oct. 25.
 Olson, Sigurd, Portland, Oreg. High-compression two-cycle internal-combustion engine. 1,646,554; Oct. 25.
 Onel, Ben G., et al. (See Hubbard, Lloyd B., assignor.)
 Optiz, William H., assignor to The Marvel Equipment Company, Cleveland, Ohio. High-pressure hand gun. 1,646,418; Oct. 25.
 Orndorf, Cameron E., Johnstown, Pa. Attachment cord. 1,646,869; Oct. 25.
 Orr, Harry A. (See Pike, Charles V., assignor.)
 Orsgood Company, The. (See Barnhart, Harry J., assignor.)
 Osolin, Alfred, Cleveland, Ohio. Bottling apparatus. 1,647,052; Oct. 25.
 Otto, Arno F., Milwaukee, Wis. Sheet-metal window screen. 1,646,832; Oct. 25.
 Page, Charles B., and W. D. Burton, Evanston, assignors to G. W. Dulaney, Jr., Chicago, Ill. Cooling system. 1,646,659; Oct. 25.
 Page, Hattie J., Grand Rapids, Mich. Garment. 1,646,555; Oct. 25.
 Panyard, John F., Detroit, Mich. Piston packing. 1,646,978; Oct. 25.
 Parker, Arthur H. (See Sebell, Harry, assignor.)
 Parker Pen Company, The. (See Hauton, Paul S., assignor.)
 Parker, William A., Erie, Pa., assignor to Layne & Bowler Corporation. Mold for die-casting screening buttons. 1,646,592; Oct. 25.
 PARSONS, John H., Ferndale, assignor, by mesne assignments, to G. A. Carlson, Detroit, Mich. Window regulator. 1,646,979; Oct. 25.
 Partridge, Frederick C., Mobile, Ala. Oven slide. 1,647,013; Oct. 25.
 Pattison, Albert W., Lockport, N. Y. Combined bumper and advertising medium. 1,647,014; Oct. 25.
 Peck, Lee H., Cleveland, Ohio. Switch for automobile signal lamps. 1,646,419; Oct. 25.
 Peck, Samuel S., Honolulu, Hawaii. Strainer for sugar juices and the like. 1,646,556; Oct. 25.
 Peglow, Albert H., Cudahy, Wis., assignor to The Fisk Rubber Company, Chicago Falls, Mass. Safety device for calendars. 1,646,980; Oct. 25.
 Peller, Karl E., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Gathering-pool level regulator. 1,646,705; Oct. 25.
 Peter, Leslie H., London, England, assignor, by mesne assignments, to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling apparatus. 1,646,420; Oct. 25.
 Peters Cartridge Company, The. (See Keplinger, Livingston B., and M. Q., assignors.)
 Petersime, Ira M., Gettysburg, Ohio. Oven and drier. 1,646,490; Oct. 25.
 Peterson, Burt A., assignor to Barber-Colman Company, Rockford, Ill. Spooling process. 1,646,883; Oct. 25.
 Peterson, Henry J., Webster City, Iowa. Reel for barbed wire. 1,646,593; Oct. 25.
 Pfaffle, Robert, Schwenningen-on-the-Neckar, Germany. Pedestal lamp. 1,647,053; Oct. 25.
 Phelan, Arthur A., Los Angeles, Calif. Cracking still. 1,646,929; Oct. 25.
 Phelps Cotton Picker Company. (See Phelps, Frank and M. F., assignors.)
 Phelps, Frank and M. F., assignors to Phelps Cotton Picker Company, Little Rock, Ark. Cotton-picking machine. 1,646,594; Oct. 25.
 Phillips, Morton F. (See Phelps, Frank and M. F.)
 Phillips, William B., St. Louis, Mo. Oil burner. 1,646,834; Oct. 25.
 Phillips, Walter W., Philadelphia, Pa. Feed-water heater. 1,646,491; Oct. 25.
 Pieper, Alphonse F., Rochester, N. Y. Light-projecting apparatus. 1,646,557; Oct. 25.
 Pike, Charles V., assignor of one-half to H. A. Orr, Cleveland, Ohio. Food carrying and dispensing means. 1,646,930; Oct. 25.
 Pilot Electric Manufacturing Company, The. (See Horton, Charles, assignor.)
 Pinkerton, Ernest H., Harlingen, Tex. Grave-marker mold. 1,647,015; Oct. 25.
 Pitcher, Elmer C. (See Frederickson, A. L., and Pitcher.)

Pitney-Bowes Postage Meter Company. (See Sheldrick, George E., assignor.)
 Plastoid Products, Inc. (See Routt, Orville L., assignor.)
 Pletscher, Otto, jr., Albrislrieden, near Zurich, Switzerland. Automatic cut-out for heating circuits. 1,646,835; Oct. 25.
 Poillard, Fred, Toledo, Ohio. Exhibition apparatus. 1,646,706; Oct. 25.
 Pomona Manufacturing Company. (See McKenna, Alexander G., assignor.)
 Pooley Company, The. (See Pooley, Edward F., assignor.)
 Pooley, Edward F., assignor to The Pooley Company, Philadelphia, Pa. Radiocabinet. Des. 73,710; Oct. 25.
 Poons, Edward M., New York, N. Y. Sweatband for hats. 1,646,737; Oct. 25.
 Porter, Wilson E. (See Whitehead, R. H., and Porter.)
 Powdrell & Alexander, Inc. (See Feather, John A., assignor.)
 Powers, Herbert H., La Grange, Ill. Method of and machine for making saws. 1,646,870; Oct. 25.
 Pratt, Ross H., Washington, D. C. Safety clutch release. 1,646,458; Oct. 25.
 Prest-O-Lite Storage Battery Corporation. (See Gossling, Walter E., assignor.)
 Preuss, Alexander B., Berlin-Charlottenburg, assignor to Siemens & Halske Aktiengesellschaft Wernerwerk, Siemensstadt, bei Berlin, Germany. Automatic telephone system. 1,646,387; Oct. 25.
 Pribil, Alexis R., Saginaw, Mich. Piston. 1,646,871; Oct. 25.
 Price, Chester P., San Antonio, Tex. Tire spreader. 1,647,054; Oct. 25.
 Price, Harry, Buffalo, N. Y., assignor to The American Mine Door Co., Canton, Ohio. Cable splice. 1,646,660; Oct. 25.
 Price, William T. (See Crosby, Arthur P., assignor.)
 Priestler, Harry, executor. (See Fallot, Alfred.)
 Prifford, George, Somerville, N. J. Printing rugs. 1,646,738; Oct. 25.
 Prohlin, Rocco, Smith River, Calif. Lock spike. 1,646,630; Oct. 25.
 Propp, Louis, et al. (See Shapiro, Hyman, assignor.)
 Propp, M. Co., The. (See Shapiro, Hyman.)
 Propp, Morris, et al. (See Shapiro, Hyman, assignor.)
 Propst, Jacob Y., Ohatchee, Ala. Apparatus for the recovery of waste heat. 1,646,836; Oct. 25.
 Prouty, George W., Boston, Mass. Press. 1,646,872; Oct. 25.
 Pyrocolor Corporation. (See Wurga, Kalman, assignor.)
 Pyzer, Lisle N. (See Cumpston, I. E., and Pyzer.)
 Queeney, Frank E., Teaneck, N. J., assignor to International Motor Company, New York, N. Y. Switch. 1,646,764; Oct. 25.
 Racz, Michael, Philadelphia, Pa. Telescopic side inclosure for vehicles. 1,646,794; Oct. 25.
 Ramsey, George, Brooklyn, assignor to Anchor Cap and Closure Corporation, Long Island City, N. Y. Spring-lock cap. 1,646,785; Oct. 25.
 Rauey, Clemma R., Riverside, assignor to International Harvester Company, Chicago, Ill. Combined tucker and stripper for binding mechanisms. 1,646,459; Oct. 25.
 Ratigan, James P., Walnut Park, Calif. Beam hanger. 1,646,558; Oct. 25.
 Ratti, Giuseppe. (See Franchini, Oreste, assignor.)
 Raubach-Goldsmith Co., The. (See Raubach, Hyman, assignor.)
 Raubach-Goldsmith Co., The. (See Silverman, Samuel, assignor.)
 Raubach, Hyman, Newark, N. J., assignor to The Raubach-Goldsmith Co. Locking bar for drawer holding sections of wardrobe trunks. 1,646,492; Oct. 25.
 Ray, Arthur J., assignor, by mesne assignments, to Automatic Electric Inc., Chicago, Ill. Automatic telephone system. 1,646,421; Oct. 25.
 Ray, Emil and H. S., Minneapolis, Minn. Weather strip. 1,646,559; Oct. 25.
 Ray, Harry S. (See Ray, Emil and H. S.)
 Reaves, William P., Greensboro, N. C. Optical apparatus. 1,647,016; Oct. 25.
 Reaves, William P., Greensboro, N. C. Optical apparatus. 1,647,017; Oct. 25.
 Recuero, Camilo. (See Lamarque, G., and Recuero.)
 Reed Small Tool Works. (See De La Mater, Robert G., assignor.)
 Regal Shoe Company. (See White, William H., assignor.)
 Relly, William A., Wyoming, Pa. Coal jig. 1,646,422; Oct. 25.
 Rein, George, Baltimore, Md. Apparatus for printing from negatives onto sensitized surfaces. 1,646,595; Oct. 25.
 Reinhold, Herman, Omaha, Neb. Preparing a medium for treatment of water. 1,646,596; Oct. 25.
 Reinecke, John E., assignor to The Hoffman Heater Company, Louisville, Ky. Water-heating coil. 1,646,560; Oct. 25.
 Remington Arms Company. (See Loomis, Crawford C., assignor.)
 Remington Typewriter Company. (See Jones, Robert M., assignor.)
 Respass, William R., St. George, N. Y., assignor, by mesne assignments, to Brandes Laboratories, Inc., Newark, N. J. Acoustic horn. 1,646,707; Oct. 25.
 Reynolds, Frank D. (See Davis, E. W., and Reynolds.)

Richard, Joseph B., Philadelphia, Pa. Jar holder. 1,646,661; Oct. 25.
 Richards, Presley, Newcastle, New Brunswick, Canada. Hose coupling. 1,646,873; Oct. 25.
 Richards, Thomas G., Barberton, Ohio. Manufacturing laminated articles. 1,647,055; Oct. 25.
 Richmond Fireproof Door Company. (See Hewitt, Walter B., assignor.)
 Richmond, Jesse P., Memphis, Tenn., assignor of one-half to Adams Grease Gun Corporation, New York, N. Y. Valve. 1,646,708; Oct. 25.
 Richmond, Leon H., Fort H. G. Wright, N. Y. Sound-detection-training device. 1,646,874; Oct. 25.
 Rick, Edward L., Los Angeles, assignor to Dunn Manufacturing Company, Oxnard, Calif. Elevator. 1,646,981; Oct. 25.
 Riley Stoker Corporation. (See Andrews, L. V., assignor.)
 Robinson, Ivan C., Ferguson, Mo. Extended hinged engine frame. 1,646,931; Oct. 25.
 Robison, Daniel B., Cicero, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Substation circuit. 1,646,875; Oct. 25.
 Roe, William C., Pittsburgh, Pa. Frequency changer. 1,646,662; Oct. 25.
 Roeder, Charles W., Bloomington, Ill. Hot-air moistener and deflector. 1,646,837; Oct. 25.
 Rolling, Frank A., Company, The. (See Burgdorf, Herman, assignor.)
 Rood, Charles F., Sutherlin, Oreg. Smoking pipe. 1,646,876; Oct. 25.
 Rose, Richard C., Osceola, Ark. Condenser. 1,646,663; Oct. 25.
 Rosenberg, Ralph H., Syracuse, N. Y., assignor to American Cable Company, Inc. Wheel brake. 1,646,932; Oct. 25.
 Roszak, Charles L., Paris, France, assignor to The Babcock & Wilcox Company, New York, N. Y. Water-tube boiler. 1,646,933; Oct. 25.
 Routt, Orville L., Los Angeles, Calif. Making plaster board. 1,646,597; Oct. 25.
 Routt, Orville L., Los Angeles, Calif., assignor to Plastoid Products, Inc. Plaster board. 1,646,598; Oct. 25.
 Rubber Latex Research Corporation, The. (See Wescott, William B., assignor.)
 Ruebensal, Fred W., Rockford, Ill. Shipping box for chickens. 1,647,018; Oct. 25.
 Rudefbusch, Herman H., Elkton, S. Dak. Vehicle signal. 1,646,766; Oct. 25.
 Russell, Charles S. (See Carlton, James A., assignor.)
 Russell, Zachary E., assignor to C. W. Warren, Sauk Rapids, Minn. Curtain guide and support. 1,646,493; Oct. 25.
 St. James, Robert T., assignor to Chicago Miniature Lamp Works, Chicago, Ill. Exhausting detector tubes. 1,646,633; Oct. 25.
 Samuelson, Eric T., assignor to R. Williamson & Company, Chicago, Ill. Lighting fixture. 1,646,495; Oct. 25.
 Sandberg, Oscar, assignor to Johnson Automatic Sealer Co., Ltd., Battle Creek, Mich. Wrapping machine. 1,646,496; Oct. 25.
 Sandberg, Oscar, assignor to Johnson Automatic Sealer Co., Ltd., Battle Creek, Mich. Wrapping machine. 1,646,497; Oct. 25.
 Sanni, Bartolo, Boston, Mass. Vehicle. 1,646,664; Oct. 25.
 Sarr, Elmer E., assignor of one-half to H. M. Bonnett, Huron, Ohio. Railway-crossing gate. 1,646,877; Oct. 25.
 Schaefer, Edward C. F., York, Pa. Manure spreader. 1,646,878; Oct. 25.
 Schaefer, Frederic, Pittsburgh, Pa. Closed-link brake hanger. 1,646,879; Oct. 25.
 Schaefer, George A., Los Angeles, Calif. Apparatus for removing fluid from wells. 1,646,599; Oct. 25.
 Schaer, Charles, Langenthal, Switzerland, assignor to Busch-Sulzer Bros.-Diesel Engine Co., St. Louis, Mo. Air compressor. 1,646,795; Oct. 25.
 Schaffer, Belle, Los Angeles, Calif. Sanitary belt. 1,646,880; Oct. 25.
 Schaub, Eugene, Logan, Utah. Cradle for hydraulic pipe lines. 1,646,423; Oct. 25.
 Scheer, John B., Milwaukee, Wis. Pipe hanger. 1,646,881; Oct. 25.
 Schille, Andreas, Mannheim, Germany, assignor of forty per cent to J. Wissing, New York, N. Y. Rodent and insect exterminator. 1,646,767; Oct. 25.
 Schimmel, Fridolin, Faribault, Minn. Spinnet-desk body. Des. 73,711; Oct. 25.
 Schlaflay, Julius H., assignor, by mesne assignments, to The Berger Manufacturing Company, Canton, Ohio. Sheet-metal packing band. 1,646,982; Oct. 25.
 Schmeiser, Theodore G., San Francisco, Calif. Grouser. 1,647,019; Oct. 25.
 Schmeiser, Theodore G., Davis, assignor to J. H. Her-ring, Piedmont, Calif. Tractor hitch. 1,646,600; Oct. 25.
 Schmidt, Karl, Berlin, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Speed-regulating system. 1,647,020; Oct. 25.
 Schmidt, Oscar C., assignor to The Cincinnati Butchers' Supply Company, Cincinnati, Ohio. Knocking pen. 1,646,934; Oct. 25.
 Schmidt'sche Heissdampf-Gesellschaft m. b. H. (See Wempe, Friedrich, assignor.)
 Schmiege, Frank F., Appleton, Wis. Wire-seaming machine. 1,646,709; Oct. 25.

Schnyder, Johann, assignor to Firm Actiengesellschaft der Maschinenfabrik von Theodor Bell & Cie., Kriens-Luzern, Switzerland. Rotary valve for pipe lines. 1,646,631; Oct. 25.
 Schroeder, Simon E., Newton, Iowa. Wringer construction. 1,646,601; Oct. 25.
 Schrueth, Albert E., E., and J., Pepin, Wis. Draft equalizer. 1,646,768; Oct. 25.
 Schrueth, Edward. (See Schrueth, Albert E., E., and J.)
 Schrueth, John. (See Schrueth, Albert E., E., and J.)
 Schumacher, Erwin A., Brooklyn, N. Y., assignor to National Carbon Company, Inc. Electrolyte seal and making the same. 1,647,021; Oct. 25.
 Schwab, James W., Gulf, assignor to Texas Gulf Sulphur Company, Bay City, Tex. Treating sulphur. 1,646,838; Oct. 25.
 Schwinn, Frank W., Chicago, Ill. Thermostatic switch. 1,646,882; Oct. 25.
 Scott, Harry M., Chickasha, Okla. Belt batt. 1,647,022; Oct. 25.
 Scovill Manufacturing Company. (See Hyde, Burdon P., assignor.)
 Sebell, Harry, Boston, assignor to A. H. Parker, Lexington, Mass. Can. 1,647,056; Oct. 25.
 Seede, John A., Schenectady, N. Y., assignor to General Electric Company. Electric heating. 1,646,498; Oct. 25.
 Selg, Otto, New York, N. Y. Fuel-mixing device for internal-combustion engines. 1,646,935; Oct. 25.
 Severn, Arthur B., assignor to A. Stuckl, Pittsburgh, Pa. Side bearing. 1,646,769; Oct. 25.
 Severson, Ole, Shelton, Conn., assignor to The O. K. Tool Company, Inc., New York, N. Y. Tool holder with side clamp. 1,646,494; Oct. 25.
 Seward, James W., et al. (See Bock, Charles S., assignor.)
 Shapiro, Hyman, Brooklyn, assignor to M. Propp and L. Propp, trading under the firm name The M. Propp Co., New York, N. Y. Electric socket. 1,646,499; Oct. 25.
 Shaasteen, Charles H., La Junta, Colo. Track jack. 1,646,770; Oct. 25.
 Sheets, William, Portsmouth, Ohio. Automobile seat. 1,647,067; Oct. 25.
 Sheffer, Irving H., Ecore, Mich. Feed collet. 1,646,771; Oct. 25.
 Sheldrick, George E., Detroit, Mich., assignor, by mesne assignments, to Pitney-Bowes Postage Meter Company, Stamford, Conn. Envelope feed mechanism. 1,646,883; Oct. 25.
 Shelly, Thomas P. (See Simpson, Fredrick J., assignor.)
 Shepard, Sarah E. B., Lowell, Mass. Girdle brassiere. 1,647,023; Oct. 25.
 Sheppy, Annabel F., et al., executors. (See Sheppy, Charles L.)
 Sheppy, Charles G., et al., executors. (See Sheppy, Charles L.)
 Sheppy, Charles L., deceased, Buffalo, N. Y.; A. F. and C. G. Sheppy, executors. Resilient driving or power-transmitting device. 1,646,772; Oct. 25.
 Sheridan, Joseph W., Quincy, Ill. Ice-cream cone. Des. 73,712; Oct. 25.
 Shmyroff, Andrew, Kew Gardens, B. Bogoslawsky and J. Hill, New York, assignors to Lion Match Co., Inc. Long Island City, N. Y. Machine for sorting and stacking book matches. 1,646,710; Oct. 25.
 Shoun, George B., Fairfax, Okla. Straw-dispensing device. 1,646,983; Oct. 25.
 Shur-Loc Elevator Safety Corporation. (See McCormick, Harold V., assignor.)
 Shutt, John E., assignor to L. A. Shutt, Stuttgart, Ark. Pump-actuating mechanism. 1,647,024; Oct. 25.
 Shutt, Louis A. (See Shutt, John E., assignor.)
 Sieber, Jacob, Slidcup, England, assignor, by mesne assignments, to International Skywriters Limited, Toronto, Canada. Advertising sign. 1,646,500; Oct. 25.
 Siemens & Halske Aktiengesellschaft Wernerwerk. (See Preuss, Alexander B., assignor.)
 Signer, Majorie, Bronxville, and E. M. Duckwall, New York, N. Y. Display card. Des. 73,713; Oct. 25.
 Silverman, Samuel, Newark, N. J., assignor to The Raubach-Goldsmith Co. Drawer-locking mechanism for wardrobe trunks. 1,646,424; Oct. 25.
 Silverman, Saul, New York, N. Y. Stocking or similar article. Des. 73,714; Oct. 25.
 Simpson, Fredrick J., assignor to T. P. Shelly, Montreal, Quebec, Canada. Die for bolt making or similar machines. 1,646,425; Oct. 25.
 Simpson, Ward T., assignor to A. G. Dickinson, Grand Rapids, Mich. Carburetor. 1,647,058; Oct. 25.
 Sinclair Refining Company. (See Miller, Albert E., assignor.)
 Slinger Manufacturing Company, The. (See Gatchell, George S., assignor.)
 Skedgell, John A., Reading, Pa., assignor to Draper Corporation, Hopedale, Mass. Builder mechanisms for spinning or winding machines. 1,646,561; Oct. 25.
 Skidmore, Benjamin, jr., Chicago, Ill. Flexible coupling. 1,646,427; Oct. 25.
 Skillman, Newton, Highland Park, Mich. Combined spring shackle and shock absorber. 1,646,884; Oct. 25.
 Slade, Alton P., assignor to Gleason Works, Rochester, N. Y. Dressing wheel. 1,646,501; Oct. 25.
 Slater, Fred M., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Steel retainer. 1,646,773; Oct. 25.

Smith, A. O., Corporation. (See Stresau, Richard, assignor.)
 Smith, Charles A., Philadelphia, Pa. Pencil. 1,647,059; Oct. 25.
 Smith, Charles M., Newton, Kans. Box. 1,646,665; Oct. 25.
 Smith, Elmer H., Minneapolis, Minn. Oxy-fuel gas tip and process of making. 1,646,602; Oct. 25.
 Smith, Ezra B., Ravenswood, Ill., assignor to J. B. Ogden, Mountainville, N. Y. Control mechanism for doors. 1,646,460; Oct. 25.
 Smith, Frank J., Dodge City, Kans. Hog-scalding apparatus. 1,646,984; Oct. 25.
 Smith, Jesse A. B., Stamford, Conn., assignor to Underwood Typewriter Company, New York, N. Y. Typewriting machine. 1,646,936; Oct. 25.
 Smith, Mark E., assignor to Union Iron Works, Erie, Pa. Boiler. 1,646,428; Oct. 25.
 Smyth Manufacturing Company. (See Bischof, Ulrich, assignor.)
 Snape, Mary I., Springfield, Ill. Envelope and envelope blanks. 1,646,426; Oct. 25.
 Snow, Edward J., Montclair, N. J., assignor to Vacuum Oil Company, New York, N. Y. Receptacle holder. 1,646,562; Oct. 25.
 Sonneborn, John R., Willow Grove, assignor to Stokes and Smith Company, Philadelphia, Pa. Box-wrapping system. 1,646,563; Oct. 25.
 So Relle, Walter B., assignor to Yardsmore Golf Club Manufacturing Company, New York, N. Y. Game club. 1,646,461; Oct. 25.
 Southwark Foundry & Machine Company. (See Dinzi, Richard W., assignor.)
 Spang, Joseph P., Quincy, Mass. Meat-tendering device. 1,646,711; Oct. 25.
 Speldel, Eugen, assignor to the Firm: Fr. Speldel, Pforzheim, Germany. Elastic ornamental band. 1,647,060; Oct. 25.
 Speldel, Fr. (See Speldel, Eugen, assignor.)
 Spicer Manufacturing Corporation. (See Macdonald, Angus S., assignor.)
 Spinner, Philip V., Chicago, Ill. Receptacle for smoking materials. 1,646,632; Oct. 25.
 Spiro, Walter J., White Plains, N. Y. Automatic throttle control. 1,646,937; Oct. 25.
 Spletter, Ervin E., Montevideo, Minn. Water heater. 1,646,429; Oct. 25.
 Spreen, Charles C., Detroit, Mich. Refrigeration. 1,647,116; Oct. 25.
 Standard Development Company. (See Hudson, Claude S., assignor.)
 Standard Development Company. (See Loomis, N. E., and Lewis, assignors.)
 Stead, Lawrence A. (See Carlson, E. E., and Stead.)
 Stearna, Chester E., and C. H. Vogel, Carstairs, Alberta, Canada. Harvester and stoker. 1,646,462; Oct. 25.
 Stebbins, Albert H., Los Angeles, Calif. Concentrator deck. 1,646,985; Oct. 25.
 Steiger, George W., Jamaica, N. Y. Lifting grab and the like. 1,646,938; Oct. 25.
 Stein, Berthold. (See Berliner, R., Stein, and Trautner.)
 Steinberger, Louis, Brooklyn, N. Y. Loud speaker. Des. 73,715; Oct. 25.
 Steinmayer, Alwin G., Milwaukee, assignor to Line Material Company, South Milwaukee, Wis. Choke coil. 1,646,502; Oct. 25.
 Stembridge & Brandt. (See Wellman, Lester R., assignor.)
 Sternaman, John. (See Weaver, I. A., and Sternaman.)
 Steward, Alden A., Rutland, Vt. Burner igniter. 1,646,503; Oct. 25.
 Stich, Ferdinand, New York, N. Y. Wave motor. 1,647,025; Oct. 25.
 Stokes and Smith Company. (See Sonneborn, John R., assignor.)
 Stokesberry, Horace, Guilford Township, Hendricks County, Ind. Pipe coupling. 1,646,463; Oct. 25.
 Stone, Thomas W., assignor to Western Gas Construction Company, Fort Wayne, Ind. Oil-spraying device. 1,646,839; Oct. 25.
 Stoop, William J., Wheeling, W. Va. Machine for opening sheet-metal packs. 1,647,061; Oct. 25.
 Stough, Sylvester L. (See Ashford, Alfred J., assignor.)
 Stratman, Joseph T. (See Carnowsky, R. R., and Stratman.)
 Straub, Christopher, East Elmhurst, N. Y., assignor to Astoria Importing and Manufacturing Co. Inc. Combined machine. 1,646,796; Oct. 25.
 Stresau, Richard, Wauwatosa, assignor to A. O. Smith Corporation, Milwaukee, Wis. Self-anchoring rivet. 1,647,062; Oct. 25.
 Strong, Archie H., Flushing, assignor to Master Domestic Refrigerating Company, Inc., Queens County, N. Y. Refrigerating apparatus. 1,646,712; Oct. 25.
 Strong, John E., Grand Rapids, Mich. Combined table and seat structure. 1,646,989; Oct. 25.
 Stuckl, A. (See Severn, Arthur B., assignor.)
 Sturrock, John, assignor to International Harvester Company, Chicago, Ill. Pitman connection. 1,646,464; Oct. 25.
 Suekoff, Samuel, Chicago, Ill. Spring-cushion-loading apparatus. 1,646,885; Oct. 25.
 Sullivan Machinery Company. (See Holmes, Morris P., assignor.)
 Super Coal Process Company. (See Bowen, Richard, assignor.)

Sutherland, William F., Toronto, Ontario, Canada. Electrical measuring instrument. 1,646,634; Oct. 25.
 Swan, Charles N., Louisville, Ky. Auto wheel. 1,646,635; Oct. 25.
 Swan Metallic Seal & Cap Company. (See Tevander, Swan N., assignor.)
 Swanson, Swan A., New York, N. Y. Electrical switch. 1,646,797; Oct. 25.
 Swartz, Ira T. (See Baker, Arthur R., assignor.)
 Swift, Lewis B., assignor to Taylor Instrument Companies, Rochester, N. Y. Recording mechanism. 1,646,940; Oct. 25.
 Swindell, William E., East Orange, N. J. Bottle or similar container. Des. 73,716; Oct. 25.
 Swisher, R. D., Mfg. Co. (See Corey, Matt M., assignor.)
 Taylor, Burt E., Mount Vernon, assignor to The Borden Company, New York, N. Y. Sterilizing apparatus. 1,646,713; Oct. 25.
 Taylor, Burt E., Mount Vernon, assignor to The Borden Company, New York, N. Y. Transfer mechanism. 1,646,714; Oct. 25.
 Taylor, Burt E., Mount Vernon, assignor to The Borden Company, New York, N. Y. Sterilizing apparatus. 1,646,715; Oct. 25.
 Taylor, Edward C., New York, N. Y. Stolen-car signal. 1,646,886; Oct. 25.
 Taylor Instrument Companies. (See Norwood, Harry Y., assignor.)
 Taylor Instrument Companies. (See Swift, Lewis B., assignor.)
 Tchan, John F., Brockton, Mass. Innersole. 1,646,430; Oct. 25.
 Tenenbaum, Louis S., Rochester, N. Y. Ash-sifter attachment for fire grates. 1,646,941; Oct. 25.
 Tevander, Swan N., Maywood, Ill. assignor to Swan Metallic Seal & Cap Company. Machine for sealing caps to jars and cans. 1,646,504; Oct. 25.
 Texas Gulf Sulphur Company. (See Schwab, James W., assignor.)
 Thibman, Matthew, Murdock, Nebr. Road marker. Des. 73,717; Oct. 25.
 Thomas, Horace T., Lansing, Mich. Charge-forming device for internal-combustion engines. 1,646,505; Oct. 25.
 Thomas, Wingate S., assignor to Knapp Brothers Manufacturing Company, Chicago, Ill. Building construction and the like. 1,646,666; Oct. 25.
 Thomaschewski, Otto, Newark, N. J. Cutlery cleaner. 1,646,887; Oct. 25.
 Thompson, Russell G., and C. W. Crumrine, assignors, by mesne assignments, to North East Appliances, Inc., Rochester, N. Y. Power mechanism. 1,646,465; Oct. 25.
 Thorsen, P. S., & Company. (See Bullard, Maurice L., assignor.)
 Tiffany & Company. (See Barney, Arthur L., assignor.)
 Tillberg, Erik W., assignor to S. Hellström, Stockholm, Sweden. Producing bricks and tiles. 1,647,053; Oct. 25.
 Tilling-Stevens Motors Limited. (See Whitehorn, Harold K., assignor.)
 Tobin, John M., Somerville, assignor to William M. Bailey Company, Boston, Mass. Making floors. 1,646,667; Oct. 25.
 Toepfert, Henry J., assignor to White and Wyckoff Manufacturing Company, Holyoke, Mass. Envelope-liner machine and method. 1,646,798; Oct. 25.
 Tomkinson, Charles C., Plainfield, N. J., assignor to J. E. Ogden, Mountainville, N. Y. Bolt anchor. 1,646,431; Oct. 25.
 Tomkinson, Charles C., Plainfield, N. J., assignor to J. E. Ogden, Mountainville, N. Y. Door mechanism. 1,646,432; Oct. 25.
 Tomlinson, Charles H., assignor to The Tomlinson Coupler Company, Mansfield, Ohio. Car-truck stabilizer. 1,646,433; Oct. 25.
 Tomlinson Coupler Company, The. (See Tomlinson, Charles H., assignor.)
 Topham, Laurence E., Wenham, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Making shoes. 1,646,434; Oct. 25.
 Trainor, Edward J., Brooklyn, assignor to Asbestos Spinning and Weaving Corporation, New York, N. Y. Fabric for gaskets. 1,646,466; Oct. 25.
 Trammell, Earl M., assignor to El Paso Sash & Door Company, El Paso, Tex. Telephone cabinet. Des. 73,718; Oct. 25.
 Trautner, Willy. (See Berliner, R., Stein, and Trautner.)
 Trent, Harold E., Lansdowne, assignor to J. Struthers Dunn, Philadelphia, Pa. Relay switch. 1,646,888; Oct. 25.
 Triunfo, Alfredo. (See Cossia, S., and Triunfo.)
 Trootner, Michael, and J. Gromeko, San Francisco, Calif. Disinfecting apparatus. 1,646,774; Oct. 25.
 Trout, Walter M., Philadelphia, Pa., and C. B. Des Jardins, Washington, D. C., assignors to Budd Wheel Company, Philadelphia, Pa. Metal vehicle wheel. 1,646,889; Oct. 25.
 Trumbull-Vanderpool Electric Manufacturing Company. (See Mason, Ralph K., assignor.)
 Trusch, Joseph, Portage, Pa. Switch stand. 1,646,775; Oct. 25.
 Tuorto, Louis L., Pequannock, N. J. Mouth-spraying device. 1,646,942; Oct. 25.

Turner, Charles W., New York, N. Y. Destructive distillation of hydrocarbons. 1,647,026; Oct. 25.
 Turner, Chauncey E., Seattle, Wash. Wrench. 1,646,668; Oct. 25.
 Tuska, C. D., Company, The. (See Tuska, Clarence D., assignor.)
 Tuska, Clarence D., assignor to The C. D. Tuska Company, Hartford, Conn. Binding post. 1,646,890; Oct. 25.
 Umhdenstock, Walter, assignor to F. Greer, Chicago, Ill. Nut-casting machine. 1,646,840; Oct. 25.
 Underwood Typewriting Company. (See Dobson, William A., assignor.)
 Underwood Typewriter Company. (See Engelslepen, John W., assignor.)
 Underwood Typewriter Company. (See Kurowski, Alfred G. F., assignor.)
 Underwood Typewriter Company. (See Smith, Jesse A. B., assignor.)
 Underwood Typewriter Company. (See Ursbruck, Frank C., assignor.)
 Underwood, Western, Los Angeles, Calif. Capital for lighting posts. Des. 73,719; Oct. 25.
 Union Iron Works. (See Smith, Mark E., assignor.)
 Union Switch & Signal Company, The. (See Gilson, Robert M., assignor.)
 Union Switch & Signal Company, The. (See Peter, Leslie H., assignor.)
 United States Chain & Forging Company. (See Bremer, Frederick G., assignor.)
 United Shoe Machinery Corporation. (See Hadaway, John D., assignor.)
 United Shoe Machinery Corporation. (See Topham, Laurence E., assignor.)
 Ursbruck, Frank C., assignor to Underwood Typewriter Company, New York, N. Y. Typewriter word register. 1,646,799; Oct. 25.
 Vacuum Oil Company. (See Atwood, E. H., Wanner, Kiehle, and Wright, assignors.)
 Vacuum Oil Company. (See Snow, Edward J., assignor.)
 Valsey, Harold C., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Belt buckle. Des. 73,720; Oct. 25.
 Valsey, Harold C., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Belt buckle. Des. 73,721; Oct. 25.
 Valsey, Harold C., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Belt buckle. Des. 73,722; Oct. 25.
 Valentini, Aldo, Milan, Italy. Air-core tire. 1,646,800; Oct. 25.
 Vance, Hazen C., Boise City, Idaho. Hay pile. 1,647,064; Oct. 25.
 Van Huse, Norman. (See Jandus, H. S., and Van Huse.)
 Van Norman, Frederick D., and G. W. Fleming, assignors to Van Norman Machine Tool Company, Springfield, Mass. Grinding machine. 1,646,801; Oct. 25.
 Van Norman Machine Tool Company. (See Van Norman, F. D., and Fleming, assignors.)
 Van Valkenburgh, Richard M., assignor to Irving-Pitt Manufacturing Company, Kansas City, Mo. Loose-leaf binder. 1,646,669; Oct. 25.
 Vaughan, John L., Shawsville, Va., and C. E. Justice, Logan, W. Va. Guard. 1,647,065; Oct. 25.
 Vaughan, Louis K., Woodland, Calif. Peach pitter. 1,646,504; Oct. 25.
 Vaughn, Albert E., Los Angeles, Calif. Making signs. 1,646,565; Oct. 25.
 Velten, Hugo, Halberstadt, Germany. Method and apparatus for separating matter of different specific gravities. 1,646,506; Oct. 25.
 Vidor, Armin, Budapest, Hungary. Machine for forming rounded corners upon rectangular material. 1,646,986; Oct. 25.
 Villaret, Gustave E., Leonia, N. J. Lighting fixture or article of similar nature. Des. 73,723; Oct. 25.
 Vlasak, Gustave A., New York, N. Y. Automobile bumper. 1,646,776; Oct. 25.
 Vogel, Charles H. (See Stearns, C. E., and Vogel.)
 Vosbikian, Peter S. (See Vosbikian, Thomas S., and P. S.)
 Vosbikian, Thomas S., and P. S., Philadelphia, Pa. Automobile bumper. Des. 73,724; Oct. 25.
 Vulcan Radiator Company, The. (See Bergström, Yngve E., assignor.)
 Waddell & Hardesty. (See Hardesty, S., and Williams, assignors.)
 Wade, Henry N., assignor to The Cutler Hammer Mfg. Co., Milwaukee, Wis. Electromagnetic switch. 1,646,943; Oct. 25.
 Wagenhorst, James H., Jackson, Mich. Automobile rim and fastening means. 1,646,777; Oct. 25.
 Wagner, Lawrence, Sedalia, Mo. Fish trap. 1,647,027; Oct. 25.
 Wagner, Rudolf, Hamburg, Germany. Counterpropeller for air propeller-driven craft. 1,646,507; Oct. 25.
 Wais, Albert C. (See Wais, Charles C., assignor.)
 Wais, Charles C., Cincinnati, assignor of one-half to A. C. Wais, Wyoming, Ohio. Vehicle wheel. 1,646,508; Oct. 25.
 Wais, Charles C., Cincinnati, assignor of one-half to A. C. Wais, Wyoming, Ohio. Safety window seat. 1,646,509; Oct. 25.
 Waite, Frank H., and G. W. Davey, Long Island City, N. Y. Air-cooled furnace structure. 1,646,668; Oct. 25.

Waite, Frank H., and G. W. Davey, Long Island City, N. Y. Furnace wall. 1,646,944; Oct. 25.
 Walter, Harrison B., assignor, by mesne assignments, to Container Corporation of America, Chicago, Ill. Box. 1,646,670; Oct. 25.
 Walton, Robert T., Philadelphia, Pa. Flag or pennant spreader. 1,646,467; Oct. 25.
 Wanner, Walter E. (See Atwood, E. H., Wanner, Kiehle, and Wright.)
 Warga, Kalman, assignor to Pyrocol Corporation, New York, N. Y. Decorated glass objects and protecting the decorated surfaces. 1,646,468; Oct. 25.
 Warner, Walter W., Detroit, Mich. Automatic humidifier attachment for water pans. 1,645,566; Oct. 25.
 Warren, Clyde W. (See Russell, Zachary E., assignor.)
 Weaver, Gallard E., assignor to Weaver Manufacturing Company, Springfield, Ill. Forcing-press bolster-adjusting construction. 1,646,510; Oct. 25.
 Weaver, Ira A., and J. Sternaman, assignors to Weaver Manufacturing Company, Springfield, Ill. Tire changer. 1,646,511; Oct. 25.
 Weaver Manufacturing Company. (See Weaver, Gallard E., assignor.)
 Weaver Manufacturing Company. (See Weaver, I. A., and Sternaman, assignors.)
 Webb, Byron H., Washington, D. C., assignor to The Government and the People of the United States. Sterilizing cream. 1,646,671; Oct. 25.
 Webb, Samuel, Pittsburgh, Pa., assignor to National Tube Company, Milling machine. 1,646,891; Oct. 25.
 Weber, Alfred, New York, N. Y. Lantern. Des. 73,725; Oct. 25.
 Weber, Fred, assignor to Weber Showcase & Fixture Company, Los Angeles, Calif. Measuring device. 1,646,507; Oct. 25.
 Weber Showcase & Fixture Company. (See Weber, Fred, assignor.)
 Weckbaugh, Joseph V., assignor to American Cuptor Corporation, New York, N. Y. Manufacture of paper cups. 1,646,802; Oct. 25.
 Weiss, Howard F., Madison, Wis., assignor, by mesne assignments, to C. F. Burgess Laboratories, Inc., Dover, Del. Paraffin-resisting surface for paraffin-absorbent boxes and making same. 1,646,803; Oct. 25.
 Wellman, Lester H., assignor to Stenbridge & Brandt, Chicago, Ill. Plate for lighting fixtures. Des. 73,726; Oct. 25.
 Wells, Charles H., Endicott, Nebr. Stock-car partition. 1,646,604; Oct. 25.
 Wempe, Friedrich, assignor to Schmidt'sche Heisedampf-Gesellschaft m. b. H., Cassel-Wilhelmshöhe, Germany. Method of and apparatus for automatically regulating the water level in steam boilers. 1,646,945; Oct. 25.
 Westcott, William B., Quincy, assignor to The Rubber Latex Research Corporation, Boston, Mass. Baiting process. 1,646,606; Oct. 25.
 Western Electric Company. (See Curtis, Austen M., assignor.)
 Western Electric Company. (See Kochendorfer, Frederick S., assignor.)
 Western Gas Construction Company. (See Stone, Thomas W., assignor.)
 Westinghouse Electric & Manufacturing Company. (See Herr, Herbert T., assignor.)
 Westinghouse Lamp Company. (See Marden, John W., assignor.)
 Westman, Francis C., Toronto, Ontario, Canada. Resurfacing device. 1,647,066; Oct. 25.
 Weston, William B., Dallas, Tex. Anticreeper for railway rails. 1,646,512; Oct. 25.
 Westwood, Louis J., assignor to Levy & Westwood Machinery Company, Toronto, Ontario, Canada. Cable-winding mechanism for hoists. 1,646,804; Oct. 25.
 Wheeler, Frederick H., Tucson, Ariz. Swing. 1,646,716; Oct. 25.
 Wheeling Stamping Company. (See Davis, W. T., and McGinnis, assignors.)
 Whicarp, Frederic J., Sturgis, Mich. Curtain rod or similar article. Des. 73,727; Oct. 25.
 Whicarp, Frederic J., Sturgis, Mich. Curtain rod or similar article. Des. 73,728; Oct. 25.
 White and Wyckoff Manufacturing Company. (See Toepfert, Henry J., assignor.)
 White, Harold C., assignor to The Guide Motor Lamp Manufacturing Company, Cleveland, Ohio. Lamp socket. 1,647,100; Oct. 25.
 White Sewing Machine Corporation. (See Hillix, Foster F., assignor.)
 White, William H., Quincy, assignor to Regal Shoe Company, Whitman, Mass. Stand for fitting shoes. 1,646,717; Oct. 25.
 Whitehead, Richard H., and W. E. Porter, assignors to The New Haven Clock Co., New Haven, Conn. Resilient crystal for clocks and like instruments. 1,646,841; Oct. 25.
 Whitehorn, Harold K., assignor to Tilling-Stevens Motors Limited, Maidstone, Kent, England. Electric governor. 1,646,672; Oct. 25.
 Whiting & Davis Company. (See Whiting, Charles A., assignor.)
 Whiting, Charles A., Franklin, Mass., assignor to Whiting & Davis Company. Making intermeshing links. 1,646,842; Oct. 25.
 Whitney, William M., Winchendon, Mass. Wood-shaping machine. 1,647,028; Oct. 25.

Wiklund, Anders, assignor to International Harvester Company, Chicago, Ill. Pitman. 1,646,435; Oct. 25.
 Wilkins, Dick J. (See McLaughlin, W. D., and Wilkins.)
 Wilkin, George W., Grangeville, Idaho. Light shade for headlight. 1,646,436; Oct. 25.
 Wilkinson, Frank, Newcastle, Ind., and W. Lehman, Milwaukee, assignors to Bucyrus Company, South Milwaukee, Wis. Brake. 1,646,718; Oct. 25.
 Willard, Theodore A., Cleveland Heights, Ohio. Press. 1,646,568; Oct. 25.
 Williams, Edwin R., Philadelphia Pa. Artificial limb and making same. 1,646,469; Oct. 25.
 Williams, Irving B., and J. D. McGilton, Tulsa, Okla. Oil-pump construction. 1,646,569; Oct. 25.
 Williams, Martin L., Mishawaka, Ind. Boring and grinding tool. 1,646,892; Oct. 25.
 Williams, Theophilus G., Moristown, N. J. Ladies' hand bag. Des. 73,729; Oct. 25.
 Williams, William G. (See Hardesty, S., and Williams.)
 Williams, William T., Waco, Tex. Nutcracker. 1,647,029; Oct. 25.
 Williamson, R., & Company. (See Samuelson, Eric T., assignor.)
 Wilson, Albert V. and H. F., Los Angeles, Calif. Dog-racing apparatus. 1,647,067; Oct. 25.
 Wilson, Edwin B., Forest Hills, assignor to Design Laboratories, Incorporated, New York, N. Y. Lantern. Des. 73,730; Oct. 25.
 Wilson, Edwin B., Forest Hills, assignor to Design Laboratories, Incorporated, New York, N. Y. Lantern frame. Des. 73,731; Oct. 25.
 Wilson, Harold F. (See Wilson, Albert V. and H. F.)
 Wilson, John H., assignor to The Aluminum Cooking Utensil Co., New Kensington, Pa. Apparatus for cooking. 1,646,778; Oct. 25.
 Wilson, Lenore H. (See Wilson, Oscar, assignor.)
 Wilson, Melville E., Stayner, Ontario, Canada. Turbine windmill. 1,646,673; Oct. 25.
 Wilson, Oscar, assignor of one-half to L. H. Wilson, Santa Ana, Calif. Child's scooter. 1,646,606; Oct. 25.
 Wiltse, William J., Lisbon, N. Dak. Milk-pail holder. 1,646,437; Oct. 25.
 Winkler, John, assignor of one-half to C. A. Billethead, Philadelphia, Pa. Permutation automobile wheel lock. 1,647,110; Oct. 25.
 Winslow, Samuel E., Leicester, Mass. Skate. 1,646,843; Oct. 25.
 Winslow, Samuel E., Leicester, Mass. Skate. 1,646,844; Oct. 25.
 Winton, John R., assignor to Mechanical Appliance Company, Chicago, Ill. Water-line trap. 1,646,513; Oct. 25.
 Winton, John R., assignor to Mechanical Appliance Company, Chicago, Ill. Water-line trap. 1,646,514; Oct. 25.
 Wirrer, Gottfried, Plainfield, N. J., assignor to International Motor Company, New York, N. Y. Vaporizer-temperature control. 1,646,779; Oct. 25.
 Wissing, Jakob. (See Schille, Andreas, assignor.)
 Witham, George S., Jr., Hudson Falls, N. Y. Moisture controlling device. 1,646,515; Oct. 25.
 Witham, George S., Jr., Hudson Falls, N. Y. Moisture measuring and recording apparatus. 1,646,516; Oct. 25.
 Withycombe, Robert M., Sydney, New South Wales, Australia. Nail brush. 1,647,068; Oct. 25.
 Wittmann, John, Milwaukee, Wis. Window-curtain hanger. 1,646,893; Oct. 25.
 Wolf Co., The. (See Keefer, Walter L., assignor.)
 Wolter, Herman H., assignor to The Miller Company, Meriden, Conn. Backplate for lighting fixtures. Des. 73,732; Oct. 25.
 Wood Hydraulic Hoist and Body Company. (See Barrett, Edward R., assignor.)
 Woodings, Emanuel, Oakmont, assignor to Woodings Forge & Tool Company, Verona, Pa. Rail anchor. 1,646,780; Oct. 25.
 Woodings Forge & Tool Company. (See Woodings, Emanuel, assignor.)
 Wright, Charles L., assignor to Lamb Knitting Machine Company, Chicopee Falls, Mass. Electric heater. 1,646,845; Oct. 25.
 Wright, Edward H. (See Atwood, E. H., Wanner, Kiehle, and Wright.)
 Wright, Horace C., and F. G. Bristow, Sydney, New South Wales, Australia, assignors to Chicago Flexible Shaft Company. Shearing blade for sheep shears and the like. 1,646,470; Oct. 25.
 Yardsmore Golf Club Manufacturing Company. (See So Relle, Walter B., assignor.)
 Yaremko, Alexander, New York, N. Y. Couch. Des. 73,733; Oct. 25.
 Yingling, Frank B., Hamilton, Ohio. Friction-drive tile press. 1,646,846; Oct. 25.
 Young, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Opening device for tearing strip cans. 1,646,719; Oct. 25.
 Zeh, Ludwig. (See Dulsberg, W., Hentrich, and Zeh.)
 Zeltzki, Willy, assignor to Gesellschaft für Drahtlos-Telegraphie m. b. H. Hallisches, Berlin, Germany. Key circuit for tube senders. 1,646,517; Oct. 25.
 Zillger, Arno, Narberth, assignor to Music Master Corporation, Philadelphia, Pa. Station-recording means for radio receiving devices. 1,646,471; Oct. 25.
 Zimmerman, Victor, Holyoke, Mass. Ventilated hut. 1,647,030; Oct. 25.

ALPHABETICAL LIST OF INVENTIONS

FOR WHICH

PATENTS WERE ISSUED ON THE 25TH DAY OF OCTOBER, 1927.

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice). Includes patents, reissues, and designs.

Advertising device. C. F. Dickson. 1,646,689; Oct. 25.
Aeroplane safety device. B. Loth. 1,646,586; Oct. 25.
Agglomerated masses, Fabricating. R. Bowen. 1,647,075; Oct. 25.
Air compressor. C. Schaer. 1,646,795; Oct. 25.
Air propeller-driven craft, Counterpropeller for. R. Wagner. 1,646,507; Oct. 25.
Air-speed indicator. E. M. Fales. 1,646,903; Oct. 25.
Album, Display. G. E. Buzza. 1,646,573; Oct. 25.
Alloy, Erosive resistant ferrous. C. B. Jacobs. 1,647,096; Oct. 25.
Aluminum-chloride process. H. I. Lea and C. W. Humphrey. 1,646,732-3; Oct. 25.
Anchor, Bolt. C. C. Tomkinson. 1,646,431; Oct. 25.
Anchorage. J. E. Oden. 1,646,457; Oct. 25.
Angle float. J. P. Krieger. 1,646,649; Oct. 25.
Antidiabetic material from pancreas, Preparation of. J. R. Murlin. 1,646,553; Oct. 25.
Apparatus for serving out beer. G. Lamarque and C. Recuero. 1,646,916; Oct. 25.
Arch support. D. Livignano. 1,646,920; Oct. 25.
Articles by extrusion, Forming. W. T. Davis and J. A. McGinnis. 1,646,854; Oct. 25.
Arylesters of nitro amino benzene sulphonic acids. W. Dalsberg, W. Hentrich, and L. Zeh. 1,646,785; Oct. 25.
Ash-can cover. L. G. McConnell. 1,646,623; Oct. 25.
Ash tray. S. Kirzner. 1,647,006; Oct. 25.
Assorting machine. F. J. Cook. 1,646,951; Oct. 25.
Auto traffic signal. E. C. Beecher. 1,646,895; Oct. 25.
Auto wheel. C. N. Swan. 1,646,635; Oct. 25.
Automobile enclosure. G. E. Bishop. 1,646,722; Oct. 25.
Automobile light. J. Medlock. 1,646,828; Oct. 25.
Automobile lock. E. J. Martel. 1,646,970; Oct. 25.
Automobile rim and fastening means. J. H. Wagenhorst. 1,646,777; Oct. 25.
Automobile seat. W. Sheets. 1,647,057; Oct. 25.
Automobile seat construction. P. G. Burdine. 1,646,610; Oct. 25.
Automobile signal. F. Barnes. 1,646,678; Oct. 25.
Automobile signal. J. N. Korvallis. Des. 73,705; Oct. 25.
Automobile signal, Casing for. A. Hartman. Des. 73,698; Oct. 25.
Automobile window and warning signal, Combined rear. H. Koller. 1,646,617; Oct. 25.
Awning, Window. H. Greenspoon. 1,646,910; Oct. 25.
Badge. J. Bloom. Des. 73,687; Oct. 25.
Bag: See—
Brief bag.
Bag-sealing machine. J. Frank. 1,646,397; Oct. 25.
Bandage and the like, Massage. J. Mildenberg. 1,646,590; Oct. 25.
Battling process. W. B. Wescott. 1,646,605; Oct. 25.
Beam hanger. J. P. Ratigan. 1,646,558; Oct. 25.
Bearing, Automatic thrust. G. C. Monckmeyer. 1,646,416; Oct. 25.
Bearing for turbine pump shafts. A. G. McKenna. 1,646,624; Oct. 25.
Bearing, Side. A. B. Severn. 1,646,769; Oct. 25.
Bearings, Preventing displacement in rollers for roller. P. A. E. Armstrong. 1,646,947; Oct. 25.
Belt buckle. W. Dietrich. Des. 73,688; Oct. 25.
Belt buckle. R. F. Eichner. Des. 73,690; Oct. 25.
Belt buckle. H. C. Valsey. Des. 73,720-2; Oct. 25.
Belt, Sanitary. B. Schaffer. 1,646,880; Oct. 25.
Bench: See—
Wire-drawing bench.
Bench and wardrobe, Combination. W. B. King. Des. 73,704; Oct. 25.
Binder, Loose-leaf. E. A. Koelling, Jr. 1,646,697; Oct. 25.
Binder, Loose-leaf. R. M. Van Valkenburgh. 1,646,669; Oct. 25.
Binding mechanisms, Combined tucker and stripper for. C. R. Raney. 1,646,459; Oct. 25.
Binding post. C. D. Tuska. 1,646,890; Oct. 25.
Board: See—
Plaster board.
Boards or panels, Warp prevention in. E. Freund. 1,646,906; Oct. 25.
Boiler: See—
Water-tube boiler.
Boiler. J. H. Baker. 1,646,382; Oct. 25.
Boiler. M. E. Smith. 1,646,428; Oct. 25.
Boilers, Method of and apparatus for automatically regulating the water level in steam. F. Wempe. 1,646,945; Oct. 25.
Bolt: See—
Supporting bolt.

Bolt blanks or the like, Machine for threading or turning. J. A. Eden, Jr. 1,646,954; Oct. 25.
Bolt making or similar machines, Die for. F. J. Simpson. 1,646,425; Oct. 25.
Bosh-cooling plate. F. H. N. Gerwig. 1,647,041; Oct. 25.
Bottle or similar container. W. E. Swindell. Des. 73,716; Oct. 25.
Bottles, Display device for water. W. L. Hensel. 1,647,044; Oct. 25.
Bottles or similar articles, Cap for. M. A. Green. Des. 73,696; Oct. 25.
Bottling apparatus. A. Osolin. 1,647,052; Oct. 25.
Box: See—
Display box. Refrigerator box.
Electrical inclosing box. Vanity box.
Box. C. M. Smith. 1,646,665; Oct. 25.
Box. H. B. Walter. 1,646,670; Oct. 25.
Box-making machines, Adhesive-applying mechanism for paper. S. Bergstein. 1,647,072; Oct. 25.
Box-wrapping system. J. R. Sonneborn. 1,646,563; Oct. 25.
Boxes and the like, Sealing. S. Bergstein. 1,647,073; Oct. 25.
Bracket: See—
Scaffold bracket.
Brake: See—
Wheel brake.
Brake. F. Wilkinson and W. Lehman. 1,646,718; Oct. 25.
Brake hanger, Closed-link. F. Schaefer. 1,646,879; Oct. 25.
Brassiere, Girdle. S. E. B. Shepard. 1,647,023; Oct. 25.
Bricks and tiles, Producing. E. W. Tillberg. 1,647,063; Oct. 25.
Bridge, Lift. S. Hardesty and W. G. Williams. 1,646,403; Oct. 25.
Brief bag. J. Goerk. 1,646,730; Oct. 25.
Brush, Nail. R. M. Withycombe. 1,647,068; Oct. 25.
Bubble pipe. B. E. Gaffin. 1,646,398; Oct. 25.
Buckle. E. Laler. 1,646,545; Oct. 25.
Building construction. W. G. Forkey. 1,646,450; Oct. 25.
Building construction and the like. W. S. Thomas. 1,646,666; Oct. 25.
Bumper and advertising medium, Combined. A. W. Patterson. 1,647,014; Oct. 25.
Bumper, Automobile. F. G. Bremer. 1,646,473; Oct. 25.
Bumper, Automobile. G. A. Vlasak. 1,646,776; Oct. 25.
Bumper, Automobile. T. S. and P. S. Vosblkian. Des. 73,724; Oct. 25.
Bumpers, Clamp plate for vehicle. H. S. Jandus and E. R. Keeler. Des. 73,700; Oct. 25.
Bumpers, Clamp plate for vehicle. H. S. Jandus and N. Van Husen. Des. 73,701-2; Oct. 25.
Burner: See—
Liquid-fuel burner. Oil burner.
Burner igniter. A. A. Steward. 1,646,503; Oct. 25.
Butter-cutting device. H. S. Lanoue. 1,647,098; Oct. 25.
Cabinet, Portable bath. E. C. Benson. 1,646,521; Oct. 25.
Cable coupler. G. Oliver. 1,646,489; Oct. 25.
Cable splice. H. Prince. 1,646,660; Oct. 25.
Calenders, Safety device for. A. H. Peglow. 1,646,980; Oct. 25.
Cameras, Viewing device for. G. A. Mitchell. 1,646,829; Oct. 25.
Can. H. Sebell. 1,647,056; Oct. 25.
Can-closing machines, Feeding and spacing mechanism for filled. P. W. Fleischer. 1,646,960; Oct. 25.
Cans, Measuring device for ice-making. T. J. Byrne. 1,646,898; Oct. 25.
Cans, Opening device for tearing strip. J. M. Young. 1,646,719; Oct. 25.
Caps to jars and cans, Machine for sealing. S. N. Tevander. 1,646,504; Oct. 25.
Car partition, Stock. C. H. Wells. 1,646,604; Oct. 25.
Car signal, Stolen. E. C. Taylor. 1,646,886; Oct. 25.
Carbon and making the same, Granular. E. N. Bunting. 1,646,389; Oct. 25.
Carburetor. W. T. Simpson. 1,647,058; Oct. 25.
Cards, Making embossed show. F. D. Courtenay. 1,646,613; Oct. 25.
Cartons or similar containers, Inserting cards and the like in. G. W. Oliver. 1,646,658; Oct. 25.
Case: See—
Key case.
Ceiling connector device. R. B. Benjamin. 1,646,808; Oct. 25.
Cementing, Well. F. W. Huber. 1,647,003; Oct. 25.
Crown ornament. G. W. Goodridge. 1,646,999; Oct. 25.

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Chuck mechanism. R. S. Brown. 1,646,850; Oct. 25.
Circuit breaker, Automatic. G. S. Fischer. 1,646,904; Oct. 25.
Circuit breaker, Electric. G. S. Marston. 1,647,010; Oct. 25.
Circuit breakers, Retarder for. C. N. Fairchild. 1,646,528; Oct. 25.
Circuit, Substation. D. B. Robinson. 1,646,875; Oct. 25.
Circuits, Protection. A. Carpe and R. W. Deardorff. 1,646,444; Oct. 25.
Clamp: See—
Fastening clamp. Turn-page clamp.
Clamp terminal. W. E. Gossling. 1,646,909; Oct. 25.
Cleaner: See—
Cutlery cleaner.
Cleaning machine for fruit, vegetables, or the like. A. O. Moe. 1,646,701; Oct. 25.
Cleaning pad. C. Field. 1,646,395; Oct. 25.
Clocks and like instruments, Resilient crystal for. R. H. Whitehead and W. E. Porter. 1,646,841; Oct. 25.
Clutch release, Safety. R. H. Pratt. 1,646,458; Oct. 25.
Coal jig. W. A. Reilly. 1,646,422; Oct. 25.
Cock, Automatic hydraulic ball. W. L. Gilchrist. 1,646,691; Oct. 25.
Coll, Choke. A. G. Steinmayer. 1,646,502; Oct. 25.
Coll, Water-heating. J. P. Reinecke. 1,646,560; Oct. 25.
Collet. E. E. Minard. 1,646,926; Oct. 25.
Combined machine. C. Straub. 1,646,796; Oct. 25.
Concentrator deck. A. H. Stebbins. 1,646,985; Oct. 25.
Condenser. R. C. Rose. 1,646,663; Oct. 25.
Connector. J. Kachman. 1,647,097; Oct. 25.
Container. G. G. Floyd. 1,646,531; Oct. 25.
Container. P. S. Moyer. 1,646,702; Oct. 25.
Container, Collapsible. L. Korn. 1,646,544; Oct. 25.
Container for confections. A. Horowitz. 1,646,534; Oct. 25.
Container, Sheet-metal. C. Hurley. 1,646,537; Oct. 25.
Containers, Anchoring device for. F. H. Ahlman. 1,647,069; Oct. 25.
Containers, Ball for. J. F. Egenolf. 1,646,856; Oct. 25.
Containers, Cleaning machine for. E. H. Atwood, W. E. Wanner, C. A. Kiehl, and E. H. Wright. 1,646,570; Oct. 25.
Controlling mechanism. M. P. Holmes. 1,646,694; Oct. 25.
Conveyance guard. Child's. F. Hornquist. 1,646,790; Oct. 25.
Conveyer supports, Stone shield for. B. Gronke. 1,646,452; Oct. 25.
Cooker, Continuous. F. D. Chapman. 1,646,577; Oct. 25.
Cooking, Apparatus for. J. H. Wilson. 1,646,778; Oct. 25.
Cooking utensil. H. E. Grossenbacher. 1,646,858; Oct. 25.
Cooling system. C. B. Page and W. D. Burton. 1,646,859; Oct. 25.
Copy-pad composition. S. Cossia and A. Triunfo. 1,646,391; Oct. 25.
Cord, Attachment. C. E. Orndorf. 1,646,869; Oct. 25.
Corn picking and husking machine. S. W. Barnett. 1,646,741; Oct. 25.
Cotton-gin lint flue. E. Munger. 1,646,656; Oct. 25.
Cotton-picking machine. F. and M. F. Phelps. 1,646,594; Oct. 25.
Couch. A. Yaremko. Des. 73,733; Oct. 25.
Coupling: See—
Flexible coupling. Pipe coupling.
Hose coupling.
Cover holder. A. B. R. Moore. 1,646,792; Oct. 25.
Cream, Sterilizing. B. H. Webb. 1,646,871; Oct. 25.
Cup: See—
Oil cup.
Cups, Manufacture of paper. J. V. Weckbaugh. 1,646,802; Oct. 25.
Current transmission, Electric. A. M. Curtis. 1,646,811; Oct. 25.
Curtain guide and support. Z. E. Russell. 1,646,493; Oct. 25.
Curtain hanger, Window. J. Wittemann. 1,646,893; Oct. 25.
Curtain rod or similar article. F. J. Whincap. Des. 73,727-8; Oct. 25.
Cut-out for heating circuits, Automatic. O. Pietscher, Jr. 1,646,835; Oct. 25.
Cutlery cleaner. O. Thomaschewski. 1,646,887; Oct. 25.
Cutter: See—
Scoring cutter.
Dental apparatus. A. D. Gritman. 1,646,749; Oct. 25.
Dental flask. M. D. King. 1,647,048; Oct. 25.
Desk body, Spinet. F. Schimmel. Des. 73,711; Oct. 25.
Detector: See—
Leak detector.
Detector tubes, Exhausting. R. T. St. James. 1,646,638; Oct. 25.
Dial. R. D. Kennedy. 1,646,408; Oct. 25.
Diaphragms, Vibration modifier for. J. G. Nolen. 1,646,628; Oct. 25.
Die: See—
Marking die.
Die mechanism. E. N. Miller. 1,646,550; Oct. 25.
Diluent separator. S. W. Briggs. 1,646,724; Oct. 25.
Direction indicator, Automobile. E. L. Croswell. 1,646,445; Oct. 25.
Direction signal. D. H. Noyes. 1,647,061; Oct. 25.

Disinfecting apparatus. M. Trootneff and J. Gromeko. 1,646,774; Oct. 25.
Disk drill, Rotary. J. W. Loy. 1,646,620; Oct. 25.
Dispensing and weighing machine, Automatic. C. E. Gordon. 1,646,817; Oct. 25.
Dispensing device, Straw. G. B. Shoun. 1,646,983; Oct. 25.
Display box. L. A. Diebold. 1,646,902; Oct. 25.
Display card. M. Signer and E. M. Duckwall. Des. 73,713; Oct. 25.
Display container. W. E. Doughty. Des. 73,689; Oct. 25.
Display stand. J. E. Friedman. Des. 73,693; Oct. 25.
Distillation, Fractional. N. E. Loomis and W. K. Lewis. 1,646,619; Oct. 25.
Distillation process and apparatus, Fractional. H. Koppers. 1,646,698; Oct. 25.
Dog-racing apparatus. A. V. Wilson and H. F. Wilson. 1,647,067; Oct. 25.
Doorcheck. F. K. Eastman. 1,646,580; Oct. 25.
Door checks and closers, Holder arm for. G. W. Isley. 1,646,406; Oct. 25.
Door fastener, Antipanic actuator for. W. B. Bolles. 1,646,990; Oct. 25.
Door, Fireproof dry-kiln. D. D. Bundrick. 1,647,080; Oct. 25.
Door mechanism. C. C. Tomkinson. 1,646,432; Oct. 25.
Doors, Control mechanism for. E. B. Smith. 1,646,460; Oct. 25.
Draft equalizer. A. E., E., and J. Schurth. 1,646,768; Oct. 25.
Drain device. H. E. Decker. 1,646,994; Oct. 25.
Dressing wheel. A. P. Slade. 1,646,501; Oct. 25.
Drill: See—
Disk drill.
Driving or power-transmitting device, Resilient. C. L. Sheppy. 1,646,772; Oct. 25.
Drum mill. P. Goebels. 1,646,532; Oct. 25.
Dumping apparatus. C. E. Glasen. 1,646,815; Oct. 25.
Dumping apparatus, Elevating. E. R. Barrett. 1,646,679; Oct. 25.
Dyeing warps. E. E. Carlson and L. A. Stead. 1,646,526; Oct. 25.
Dyestuffs, Brown substituted benzidine wool. W. Neelmeyer. 1,646,793; Oct. 25.
Egg separator. C. L. Christian and J. R. Boustead. 1,646,682; Oct. 25.
Electric-appliance support and connection. J. W. Hooley. 1,647,002; Oct. 25.
Electric governor. H. K. Whitehorn. 1,646,672; Oct. 25.
Electric heater. C. L. Wright. 1,646,845; Oct. 25.
Electric heating. J. A. Seede. 1,646,498; Oct. 25.
Electric-light fixture. G. Lipschutz. Des. 73,706; Oct. 25.
Electric machines, Regulating system for dynamo. V. Karapetoff. 1,646,821; Oct. 25.
Electric machines, Regulation of dynamo. V. Karapetoff. 1,646,822-3; Oct. 25.
Electric motor. B. E. Getz. 1,646,400; Oct. 25.
Electric switch. A. J. Ashford. 1,646,440; Oct. 25.
Electric switch. J. G. Lusby. 1,646,756; Oct. 25.
Electric switch. F. M. Mank. 1,646,924; Oct. 25.
Electrical connector device. R. B. Benjamin. 1,646,806; Oct. 25.
Electrical inclosing box, Knock-out-type. R. K. Mason. 1,646,622; Oct. 25.
Electrical-fixture-supporting device. C. L. Hopkins. 1,646,482; Oct. 25.
Electrical switch. S. A. Swanson. 1,646,797; Oct. 25.
Electrical systems, Control for. G. V. Heidt. 1,646,860; Oct. 25.
Electrochemical means for preventing corrosion. R. V. A. Mills. 1,646,735; Oct. 25.
Electrochemical method for preventing corrosion. R. V. A. Mills. 1,646,736; Oct. 25.
Electrolyte seal and making the same. E. A. Schumacher. 1,647,021; Oct. 25.
Electromagnetic relay. J. Erickson. 1,646,956; Oct. 25.
Electromagnetic switch. H. N. Wade. 1,646,943; Oct. 25.
Elevating device. G. McCall. 1,646,759; Oct. 25.
Elevator. H. V. McCormick. 1,646,487; Oct. 25.
Elevator. E. L. Rick. 1,646,981; Oct. 25.
Embroidery and process. E. D. Becker. 1,646,383; Oct. 25.
End-gate fastener. F. Cantrall. 1,646,899; Oct. 25.
Engine: See—
Internal-combustion engine.
Engine frame, Extended hinged. I. C. Robinson. 1,646,931; Oct. 25.
Engine-starter mechanism. F. F. Dorsey. 1,646,643; Oct. 25.
Engines, Charge-forming device for internal-combustion. H. T. Thomas. 1,646,505; Oct. 25.
Engines, Fuel-mixing device for internal-combustion. O. Selg. 1,646,935; Oct. 25.
Engines, Starter for. M. B. Jackson. 1,646,864; Oct. 25.
Envelope and envelope blank. M. I. Snape. 1,646,426; Oct. 25.
Envelope-feed mechanism. G. E. Sheldrick. 1,646,883; Oct. 25.
Envelope-liner machine and method. H. J. Toepfert. 1,646,798; Oct. 25.
Exercising apparatus, Physical. A. Holland. 1,646,818; Oct. 25.
Exhibition apparatus. F. Pollard. 1,6706; Oct. 25.

Extractor: See—
 Juice extractor.
 Eye-exercising device. I. Fox. 1,647,117; Oct. 25.
 Fabricating agglomerated masses, Apparatus for. R. Bowen. 1,646,385; Oct. 25.
 Fastener, Car-door. J. L. Eler. 1,646,748; Oct. 25.
 Fastening clamp. A. R. Baker. 1,646,636; Oct. 25.
 Faucet, Combination hot and cold water. E. H. Carder. 1,646,575; Oct. 25.
 Feed collet. E. B. Minard. 1,646,925; Oct. 25.
 Feed collet. E. H. Sheffer. 1,646,771; Oct. 25.
 Feeding device. S. W. Avis. 1,646,571; Oct. 25.
 Felt batt. H. M. Scott. 1,647,022; Oct. 25.
 Fibrous article and producing such article. F. S. Koch endorfer. 1,646,825; Oct. 25.
 Filing device. R. J. Kenys and E. I. Coffey. 1,646,696; Oct. 25.
 Filter. P. D. Herbert. 1,646,404; Oct. 25.
 Finder, Adjustable. A. F. Newlands and E. Fosbery. 1,646,865; Oct. 25.
 Firearm. C. C. Loomis. 1,646,699; Oct. 25.
 Fire extinguishers and the like, Pressure indicator for. E. A. Louder. 1,646,968; Oct. 25.
 Fish trap. L. Wagner. 1,647,027; Oct. 25.
 Fishing reels, Drag mechanism for. W. L. Adams. 1,647,101; Oct. 25.
 Fixture connector. R. B. Benjamin. 1,646,807; Oct. 25.
 Flag or pennant spreader. R. T. Walton. 1,646,467; Oct. 25.
 Flash light for doors. T. J. Hendrickson. 1,647,001; Oct. 25.
 Flask: See—
 Dental flask.
 Flexible coupling. B. Skidmore, jr. 1,646,427; Oct. 25.
 Floors, Making. J. M. Tobin. 1,646,667; Oct. 25.
 Flower stand. A. S. Katz. Des. 73,703; Oct. 25.
 Fluid from wells, Apparatus for removing. G. A. Schaefer. 1,646,599; Oct. 25.
 Fluid motor. D. Bonetto. 1,646,723; Oct. 25.
 Fluids of different densities, Apparatus for mixing. F. Jost. 1,646,913; Oct. 25.
 Folding machines, Sheet-feed controller for. J. Luley and J. F. Brunner. 1,646,652; Oct. 25.
 Food carrying and dispensing means. C. V. Pike. 1,646,930; Oct. 25.
 Food product. K. D. Loose. 1,646,921; Oct. 25.
 Frame: See—
 Engine frame.
 Frequency changer. W. C. Roe. 1,646,662; Oct. 25.
 Furnace: See—
 Induction furnace.
 Furnace-grate-bar construction. D. Mellor. 1,646,700; Oct. 25.
 Furnace lining. A. G. Croll. 1,647,083; Oct. 25.
 Furnace structure, Air-cooled. F. H. Waite and G. W. Davey. 1,646,603; Oct. 25.
 Furnace wall. F. H. Waite and G. W. Davey. 1,646,944; Oct. 25.
 Fuse. B. L. Ogle. 1,646,629; Oct. 25.
 Game club. W. B. So Relle. 1,646,461; Oct. 25.
 Garment. H. J. Page. 1,646,555; Oct. 25.
 Gaskets, Fabric for. E. J. Trainer. 1,646,466; Oct. 25.
 Gate: See—
 Railway-crossing gate. Safety gate.
 Gauge: See—
 Micrometer gauge.
 Gear, Draft. J. E. Forsyth. 1,646,857; Oct. 25.
 Gear lock. L. F. Brown. 1,647,033; Oct. 25.
 Gear-wheel transmission. M. Birkigt. 1,647,032; Oct. 25.
 Gearing, Clutch mechanism for transmission. J. F. Gaylord. 1,646,646; Oct. 25.
 Generator: See—
 Harmonic generator. Steam generator.
 Glass, Forming sheet. T. C. McKinley. 1,646,488; Oct. 25.
 Glass objects and protecting the decorated surfaces, Decorated. K. Waga. 1,646,468; Oct. 25.
 Glazing composition. C. S. Hudson. 1,646,731; Oct. 25.
 Glyoxal-dianthraquinone compound. R. Berliner. B. Stein and W. Trautner. 1,646,782; Oct. 25.
 Goggles. O. Franchini. 1,647,107; Oct. 25.
 Grab and the like, Lifting. G. W. Stelger. 1,646,938; Oct. 25.
 Grates, Ash-sifter attachment for fire. L. S. Tenenbaum. 1,646,941; Oct. 25.
 Grave-marker mold. E. H. Pinkerton. 1,647,015; Oct. 25.
 Grinding machine. F. D. Van Norman and G. W. Fleming. 1,646,801; Oct. 25.
 Grip racket. W. L. Atkinson. 1,646,676; Oct. 25.
 Grouser. T. G. Schmeiser. 1,647,019; Oct. 25.
 Guard. J. L. Vaughan and C. E. Justice. 1,647,065; Oct. 25.
 Hammer. J. R. Collins. 1,646,993; Oct. 25.
 Hand bag, Lady's. T. G. Williams. Des. 73,729; Oct. 25.
 Hand gun, High-pressure. W. H. Oplitz. 1,646,418; Oct. 25.
 Hanger: See—
 Beam hanger. Pipe hanger.
 Brake hanger. Wire and cord hanger.
 Curtain hanger.
 Harmonic generator. H. A. Aftel. 1,646,438-9; Oct. 25.
 Harrow. T. M. A. 1,646,549; Oct. 25.
 Harvester and topping machine. Beet. J. W. Bright. 1,646,680; Oct. 25.
 Harvesters, Power drive for. A. L. Johnson and H. M. Mitchell. 1,646,455; Oct. 25.
 Hat, Ventilated. V. Zimmerman. 1,647,030; Oct. 25.
 Hats, Sweatband for. E. M. Poonas. 1,646,737; Oct. 25.
 Headlight, Automobile. B. Morgan. 1,647,011; Oct. 25.
 Headlights, Light shade for. G. W. Wilkin. 1,646,436; Oct. 25.
 Heat, Apparatus for the recovery of waste. J. Y. Propst. 1,646,836; Oct. 25.
 Heat insulator. M. L. Bullard. 1,646,388; Oct. 25.
 Heater: See—
 Electric heater. Water heater.
 Heating system. C. B. Eater. 1,646,786; Oct. 25.
 Heating-unit adapter. M. Bornkessel. 1,646,525; Oct. 25.
 Heel facings, Blinding for shoe. J. N. Craslinck. 1,646,475; Oct. 25.
 Hinge. C. S. Bock. 1,647,074; Oct. 25.
 Hinge. M. J. Economides. 1,646,644; Oct. 25.
 Holsts, Cable-winding mechanism for. L. J. Westwood. 1,646,804; Oct. 25.
 Holder for yarn packages, Collapsible. J. Brandwood. 1,646,472; Oct. 25.
 Holding device. T. P. Little. 1,646,967; Oct. 25.
 Honey food product. C. J. O'Connell. 1,646,657; Oct. 25.
 Horn, Acoustic. W. R. Respass. 1,646,707; Oct. 25.
 Horseshoe. O. P. Mossman and F. R. Nilven. 1,646,627; Oct. 25.
 Horseshoe calks, Manufacturing. T. F. Boylan, sr. 1,647,076; Oct. 25.
 Hose coupling. P. Richards. 1,646,873; Oct. 25.
 Housing. A. M. Alcázar. 1,646,739; Oct. 25.
 Humidifier attachment for water pans, Automatic. W. W. Warner. 1,646,566; Oct. 25.
 Hydrocarbons, Destructive distillation of. C. W. Turner. 1,647,026; Oct. 25.
 Ice-cream cone. J. W. Sheridan. Des. 73,712; Oct. 25.
 Implement draft device. G. E. Collins. 1,646,784; Oct. 25.
 Incising machine. D. W. Edwards and J. H. Mansfield. 1,646,955; Oct. 25.
 Indicating device. T. Daly. 1,646,687; Oct. 25.
 Indicating device, Illuminated. E. T. R. and L. E. R. Murray. 1,646,763; Oct. 25.
 Indicating speed, Device for. G. Mombur. 1,647,115; Oct. 25.
 Indicator: See—
 Air-speed indicator. Liquid-level indicator.
 Direction indicator.
 Indicator device for instruments. G. Hutchinson. 1,646,819; Oct. 25.
 Induction furnace. W. Hoskins. 1,646,862; Oct. 25.
 Innersole. J. F. Teehan. 1,646,430; Oct. 25.
 Internal-combustion engine. M. Gatti. 1,646,789; Oct. 25.
 Internal-combustion engine, High-compression two-cycle. S. Olson. 1,646,554; Oct. 25.
 Iron: See—
 Waffle iron.
 Iron, Refining of. G. S. Evans. 1,646,728; Oct. 25.
 Iron switch, Electric. F. H. Hanley. 1,646,911; Oct. 25.
 Jack: See—
 Lifting jack. Track jack.
 Jack. F. P. Noe and S. M. Gooder. 1,646,591; Oct. 25.
 Jar holder. J. B. Richard. 1,646,661; Oct. 25.
 Juice extractor, Fruit. J. K. Curry. 1,646,527; Oct. 25.
 Juice from cane stalks, Apparatus for and method of extracting. W. H. Morgan, sr. 1,646,762; Oct. 25.
 Key case. L. Mayer. 1,646,827; Oct. 25.
 Key case, Pocket. C. Lorber. 1,646,485; Oct. 25.
 Key circuit for tube senders. W. Zeletzki. 1,646,517; Oct. 25.
 Kilns, Mechanism for progressing cars in. G. W. Denison. 1,646,901; Oct. 25.
 Knitting machines, Stripping attachment for circular. E. T. Floyd. 1,646,965; Oct. 25.
 Lace. B. A. Ball. Des. 73,681-4; Oct. 25.
 Laminated articles, Manufacturing. T. G. Richards. 1,647,055; Oct. 25.
 Lamp. O. Brizendine. 1,646,442; Oct. 25.
 Lamp, Pedestal. R. Pfaffe. 1,647,053; Oct. 25.
 Lamps, Switch for automobile signal. L. H. Peck. 1,646,419; Oct. 25.
 Lantern. A. Weber. Des. 73,725; Oct. 25.
 Lantern. E. B. Wilson. Des. 73,730; Oct. 25.
 Lantern frame. E. B. Wilson. Des. 73,731; Oct. 25.
 Latching device, Automatic door. C. de Vleeschouwer. 1,646,688; Oct. 25.
 Lathe attachment for turning irregular profiles. J. L. Matthews. 1,646,758; Oct. 25.
 Lathing sheet. R. N. Jensen. 1,646,483; Oct. 25.
 Leak detector. D. W. Ohaver. 1,646,928; Oct. 25.
 Level regulator, Gathering-pool. K. E. Peller. 1,646,705; Oct. 25.
 Lifting jack. A. E. Lake. 1,647,049; Oct. 25.
 Light: See—
 Automobile light.
 Light-projecting apparatus. A. F. Pieper. 1,646,557; Oct. 25.
 Lighting fixture. E. T. Samuelson. 1,646,495; Oct. 25.
 Lighting fixture or article of similar nature. G. E. Villaret. Des. 73,723; Oct. 25.
 Lighting fixtures, Rackplate for. H. H. Wolter. Des. 73,732; Oct. 25.

Lighting fixtures, Plate for. L. R. Wellman. Des. 73,726; Oct. 25.
 Lighting posts, Capital for. W. Underwood. Des. 73,719; Oct. 25.
 Limb and making same, Artificial. E. R. Williams. 1,646,489; Oct. 25.
 Links, Making intermeshing. C. A. Whiting. 1,646,842; Oct. 25.
 Liquid-delivery control. J. J. Hawxhurst. 1,647,043; Oct. 25.
 Liquid-fuel burner. V. Mulholland. 1,646,703; Oct. 25.
 Liquid heating and dispensing mechanism. C. M. Frye and J. F. Copp. 1,646,614; Oct. 25.
 Liquid-level indicator. T. N. Eynon. 1,646,957; Oct. 25.
 Loading apparatus. Spring-cushion. S. Suekoff. 1,646,885; Oct. 25.
 Lock: See—
 Automobile lock. Vehicle lock.
 Gear lock. Wheel lock.
 Lock. F. Angellillo. 1,646,674; Oct. 25.
 Lock. E. M. Benham. 1,646,987; Oct. 25.
 Lock cap, Spring. G. Ramsey. 1,646,765; Oct. 25.
 Lock for pocket seals. M. M. Corey. 1,646,612; Oct. 25.
 Lock nut. A. Bell. 1,646,805; Oct. 25.
 Lock spike. R. Fronini. 1,646,630; Oct. 25.
 Locomotives, Condenser plant for. F. Ljungström, E. O. Eriksson, and I. Broberg. 1,646,650; Oct. 25.
 Loom for weaving wire fabric. W. Keller. 1,647,113; Oct. 25.
 Looms, Brake mechanism for. A. S. Johnson. 1,646,539; Oct. 25.
 Loud speaker. L. Steinberger. Des. 73,715; Oct. 25.
 Loud-speaker unit. L. H. Fronk. 1,646,451; Oct. 25.
 Lubricant-dispensing device. E. W. Davis and F. D. Reynolds. 1,646,477; Oct. 25.
 Machine for forming rounding corners upon rectangular material. A. Vidor. 1,646,986; Oct. 25.
 Manifold game apparatus. A. Moore. 1,646,973; Oct. 25.
 Manifold device. K. Castan. 1,646,576; Oct. 25.
 Manure spreader. E. C. F. Schaefer. 1,646,878; Oct. 25.
 Marking die. A. Lossmann. 1,646,413; Oct. 25.
 Matches, Machine for sorting and stacking book. A. Shmyroff, B. Bogoslovsky, and J. Dill. 1,646,710; Oct. 25.
 Matter of different specific gravities, Method and apparatus for separating. H. Veltin. 1,646,506; Oct. 25.
 Measuring device. F. Weber. 1,646,567; Oct. 25.
 Measuring instrument, Electrical. W. F. Sutherland. 1,646,634; Oct. 25.
 Measuring tape. A. Langner. 1,646,826; Oct. 25.
 Meat-tendering device. J. P. Spang. 1,646,711; Oct. 25.
 Mechanical movement. F. R. Belluche. 1,646,441; Oct. 25.
 Metals, Working light. J. E. Hoy. 1,647,095; Oct. 25.
 Metallurgical method. J. W. Marden. 1,646,734; Oct. 25.
 Micrometer gauge. R. G. De La Mater. 1,646,393; Oct. 25.
 Mill: See—
 Drum mill.
 Milling jig. M. G. Berthon. 1,646,988; Oct. 25.
 Milling machine. S. Webb. 1,646,891; Oct. 25.
 Mine roof-supporting mechanism and operating same. Coal. E. C. Morgan. 1,646,417; Oct. 25.
 Mining machine. M. P. Helmes. 1,647,118; Oct. 25.
 Mixer and proportioner. E. P. Halliburton. 1,646,582; Oct. 25.
 Mixing device. R. Bowen. 1,646,386; Oct. 25.
 Mixing, Method and apparatus for. N. C. Johnson. 1,646,540; Oct. 25.
 Moistener and deflector, Hot-air. C. W. Roeder. 1,646,837; Oct. 25.
 Moisture-controlling device. G. S. Witham, jr. 1,646,515; Oct. 25.
 Moisture measuring and recording apparatus. G. S. Witham, jr. 1,646,516; Oct. 25.
 Mold: See—
 Grave-marker mold.
 Mold for die-casting screening buttons. W. A. Parker. 1,646,592; Oct. 25.
 Motor: See—
 Electric motor. Sewing-machine motor.
 Fluid motor. Ventilating motor.
 Rotary motor. Wave motor.
 Mouthpiece. J. Ferretti. 1,646,580; Oct. 25.
 Mowers and tractors, Hitching mechanism for connecting. E. Baseman. 1,646,519; Oct. 25.
 Musical-instrument player devices, Spool mechanism for. C. H. Green. 1,647,112; Oct. 25.
 Nail buffer, Finger and thumb. M. P. Beach. 1,646,848; Oct. 25.
 Nailing mechanism. J. B. Hadaway. 1,646,402; Oct. 25.
 Napkin-dispensing device. E. J. Hansen. 1,647,000; Oct. 25.
 Nut-castellating machine. W. Umbdenstock. 1,646,840; Oct. 25.
 Nutcracker. W. T. Williams. 1,647,029; Oct. 25.
 Oil and residuals, Handling crude. A. E. Miller. 1,646,760; Oct. 25.
 Oil, Apparatus for treating. G. C. Kelley. Re16,778; Oct. 25.
 Oil burner. A. R. Baker. 1,646,637; Oct. 25.
 Oil burner. A. B. Goodspeed. 1,646,816; Oct. 25.

Oil burner. A. B. Goodspeed. 1,647,091-2; Oct. 25.
 Oil burner. G. Noreen and C. V. Newquist. 1,646,456; Oct. 25.
 Oil burner. W. B. Philippe. 1,646,834; Oct. 25.
 Oil-cracking process and apparatus. W. C. Kirkpatrick. 1,646,543; Oct. 25.
 Oil cup. L. B. and M. Q. Keplinger. 1,646,409; Oct. 25.
 Oil-distillation process. E. C. D'Yarmett. 1,646,449; Oct. 25.
 Oil-distilling apparatus and method. E. C. D'Yarmett. 1,646,448; Oct. 25.
 Oil-purifying apparatus. F. H. Hodge. 1,646,481; Oct. 25.
 Oil-spraying device. T. W. Stone. 1,646,829; Oct. 25.
 Oils, Display device for. H. G. Davis. 1,646,579; Oct. 25.
 Optical apparatus. W. P. Reaves. 1,647,016-17; Oct. 25.
 Ores, Roasting metallic. H. S. Mackay. 1,647,050; Oct. 25.
 Ornamental band, Elastic. E. Spedel. 1,647,060; Oct. 25.
 Oven and drier. I. M. Petersime. 1,646,490; Oct. 25.
 Oven slide. F. C. Partridge. 1,647,013; Oct. 25.
 Oxy-fuel gas tip and making. E. H. Smith. 1,646,602; Oct. 25.
 Packing and packing-forming machine. M. M. Cody. 1,646,992; Oct. 25.
 Pad: See—
 Cleaning pad.
 Pail holder, Milk. W. J. Wiltse. 1,646,437; Oct. 25.
 Paper-bag machine. H. Burdordf. 1,646,572; Oct. 25.
 Paper-folding machines, Discharging mechanism for. T. N. Deliglanes and A. A. Bourdes. 1,647,086; Oct. 25.
 Paraffin-resisting surface for paraffin-absorbent boxes and making same. H. F. Weiss. 1,646,803; Oct. 25.
 Partition, Office. S. Lowy. 1,646,651; Oct. 25.
 Pasteurizing apparatus. A. J. Davis. 1,647,035; Oct. 25.
 Pattern stab, Automatic. E. E. Brinser. 1,646,744; Oct. 25.
 Pen, Knocking. O. C. Schmidt. 1,646,934; Oct. 25.
 Pens, pencils, and the like, Clip for. P. S. Hanton. 1,647,093; Oct. 25.
 Pencil. C. A. Smith. 1,647,059; Oct. 25.
 Pencil, Magazine. M. Alland. 1,646,740; Oct. 25.
 Pencils, Clasp for. B. C. Becker. 1,646,742; Oct. 25.
 Perforator, Cryptographic. W. H. Lyman. 1,646,969; Oct. 25.
 Photomechanical apparatus for transferring designs from flat to cylindrical surfaces. J. Darby and H. C. Jones. 1,646,392; Oct. 25.
 Piano-playing guide. G. E. Buzza. 1,646,574; Oct. 25.
 Picture exhibiting, Motion. L. Del Riccio. 1,646,855; Oct. 25.
 Piller, Hay. H. C. Vance. 1,647,064; Oct. 25.
 Pine-seed separator. J. Jonsson and C. W. Dybeck. 1,646,865; Oct. 25.
 Pipe: See—
 Bubble pipe. Smoking pipe.
 Pipe coupling. H. Stokesberry. 1,646,463; Oct. 25.
 Pipe fitting. D. Dileo. 1,647,036; Oct. 25.
 Pipe hanger. J. B. Scheer. 1,646,881; Oct. 25.
 Pipe lines, Cradle for hydraulic. E. Schaub. 1,646,423; Oct. 25.
 Piston. F. P. Gill, jr. 1,646,998; Oct. 25.
 Piston. A. R. Pribil. 1,646,871; Oct. 25.
 Piston packing. J. F. Panyard. 1,646,978; Oct. 25.
 Piston packing, Machine for reclaiming. J. C. Kelly. 1,646,915; Oct. 25.
 Piston, Slush-pump. H. B. Moore. 1,646,927; Oct. 25.
 Pitman. A. Wiklund. 1,646,435; Oct. 25.
 Pitman connection. J. Sturrock. 1,646,464; Oct. 25.
 Pitman structure. R. B. Bloss. 1,646,948; Oct. 25.
 Pitter, Peach. L. K. Vaughan. 1,646,564; Oct. 25.
 Plaster board. O. L. Routt. 1,646,598; Oct. 25.
 Plaster board, Making. O. L. Routt. 1,646,597; Oct. 25.
 Plastic materials, Continually-working machine for molding and marking by compression. V. Lledo. 1,646,412; Oct. 25.
 Plow attachment. J. and S. Holley. 1,646,750; Oct. 25.
 Plow, Snow removing and loading. J. L. Brennan. 1,646,638; Oct. 25.
 Plows, Harrow attachment for. G. Lytle. 1,646,486; Oct. 25.
 Plug. W. Kaisting. 1,646,541; Oct. 25.
 Plumbing-plug post. W. J. Gagnon. 1,646,995; Oct. 25.
 Post: See—
 Binding post. Plumbing-plug post.
 Pot or similar article. W. A. Hastings. Des. 73,699; Oct. 25.
 Powder box or similar article. P. L. Blazer. Des. 73,686; Oct. 25.
 Power mechanism. R. G. Thompson and C. W. Crumrine. 1,646,465; Oct. 25.
 Press: See—
 Tile press.
 Press. G. W. Prouty. 1,646,872; Oct. 25.
 Press. T. A. Willard. 1,646,568; Oct. 25.
 Press bolster-adjusting construction, Forcing. G. E. Weaver. 1,646,510; Oct. 25.
 Pressure-control apparatus, Automatic. J. Astrom. 1,646,847; Oct. 25.
 Printing form, Changeable. C. Chisholm. Re16,777; Oct. 25.
 Printing from negatives onto sensitized surfaces, Apparatus for. G. Rehn. 1,646,595; Oct. 25.

Printing presses, Plate-clamping mechanism for. H. M. Barber. 1,646,721; Oct. 25.
 Printing presses, Sheet-delivering device for. A. Falot. 1,646,529; Oct. 25.
 Protector or automobile wash apron. L. P. Blakey. 1,646,524; Oct. 25.
 Pulley and the like, Split. E. Hamilton. 1,646,692; Oct. 25.
 Pulverizer. H. A. Kimber. 1,646,752; Oct. 25.
 Pulverizing apparatus. L. V. Andrews. 1,646,720; Oct. 25.
 Pump. W. H. Furness. 1,646,615; Oct. 25.
 Pump-actuating mechanism. J. E. Shutt. 1,647,024; Oct. 25.
 Pump, compressor, or the like. M. J. Leahy. 1,646,754; Oct. 25.
 Pump construction, Oil-. I. B. Williams and J. D. McGilton. 1,646,569; Oct. 25.
 Punching machine. A. C. Campbell. 1,646,851; Oct. 25.
 Radiator return trap. A. P. Crosby. 1,646,688; Oct. 25.
 Radiators, Automatic air-vaporizing device for. G. E. Cook. 1,646,810; Oct. 25.
 Radiators, Producing. Y. E. Bergström. 1,646,384; Oct. 25.
 Radiocabinet. E. F. Pooley. Des. 73,710; Oct. 25.
 Radiocompasses, Compensator for. W. B. Burgess. 1,646,443; Oct. 25.
 Radiodial. L. Knigoff. 1,646,648; Oct. 25.
 Radio receiving devices, Station-recording means for. A. Zillger. 1,646,471; Oct. 25.
 Radio transformer. A. P. Hinsky. 1,647,094; Oct. 25.
 Rail anchor. E. Woodings. 1,646,780; Oct. 25.
 Rail bond. C. L. Larson. 1,646,917; Oct. 25.
 Railway-crossing gate. E. E. Sarr. 1,646,877; Oct. 25.
 Railway rails, Anticreeper for. W. S. Weston. 1,646,512; Oct. 25.
 Railway signaling apparatus. L. H. Peter. 1,646,420; Oct. 25.
 Railway vehicles, Apparatus for braking. A. De Lathauwer. 1,646,900; Oct. 25.
 Rake. D. B. Brown. 1,647,077; Oct. 25.
 Range, Gas. J. Hansen. Des. 73,697; Oct. 25.
 Range, Gas. A. F. Harter. 1,646,859; Oct. 25.
 Range, Gas. E. R. Methudy. Des. 73,708; Oct. 25.
 Razor strop. M. W. McArdle. 1,646,415; Oct. 25.
 Rebound check. R. H. Hassler. 1,646,584; Oct. 25.
 Rebound check with lubricating system. R. H. Hassler. 1,646,588; Oct. 25.
 Receptacle for smoking materials. P. V. Spinner. 1,646,632; Oct. 25.
 Receptacle holder. E. J. Snow. 1,646,562; Oct. 25.
 Recorder and indicator. H. M. Brown. 1,646,474; Oct. 25.
 Recording mechanism. L. B. Swift. 1,646,940; Oct. 25.
 Reel for barbed wire. H. J. Peterson. 1,646,593; Oct. 25.
 Refrigerating apparatus. J. O. Boving. 1,646,607; Oct. 25.
 Refrigerating apparatus. C. E. L. Lipman. 1,646,919; Oct. 25.
 Refrigerating apparatus. A. H. Strong. 1,646,712; Oct. 25.
 Refrigerating apparatus, Absorption. G. Bayer. 1,646,620; Oct. 25.
 Refrigeration. C. C. Spreen. 1,647,116; Oct. 25.
 Refrigerator box. J. C. Jankus. 1,646,616; Oct. 25.
 Regulator. See—
 Level regulator. Window regulator.
 Relay switch. H. E. Trent. 1,646,888; Oct. 25.
 Relief mechanism. F. Humphris. 1,647,045; Oct. 25.
 Reservoir, Storage. H. L. Doherty. 1,646,641; Oct. 25.
 Reservoirs, dams, levees, and the like, Concrete pavement for. R. W. Gelder. 1,646,997; Oct. 25.
 Resistance element. C. Horton. 1,646,535; Oct. 25.
 Resurfacing device. F. C. Westman. 1,647,066; Oct. 25.
 Rivet, Self-anchoring. R. Stresau. 1,647,062; Oct. 25.
 Road marker. M. Thimman. Des. 73,717; Oct. 25.
 Rodent and insect exterminator. A. Schille. 1,646,767; Oct. 25.
 Roller tension device. A. K. Kimberly. 1,646,824; Oct. 25.
 Roofing. A. E. F. Moore. 1,646,551; Oct. 25.
 Rotary motor (gas), Reversible. L. B. Hubbard. 1,646,695; Oct. 25.
 Rubber-cutting machine. R. W. Dinzi. 1,646,447; Oct. 25.
 Rugs, Printing. G. Piffold. 1,646,738; Oct. 25.
 Safety device. J. C. Mendonca. 1,646,971; Oct. 25.
 Safety gate, Traffic. J. E. Jimmis. 1,646,820; Oct. 25.
 Salt and pepper shaker. W. C. McCartney. Des. 73,707; Oct. 25.
 Saw, Pruning. A. E. Kness. 1,646,484; Oct. 25.
 Saws, Method of and machine for making. H. H. Powers. 1,646,870; Oct. 25.
 Saws, Miter box for power-driven. J. B. Meek and C. F. Hayse. 1,646,589; Oct. 25.
 Scaffold bracket, Shingle-. W. E. Martens. 1,646,923; Oct. 25.
 Scalding apparatus, Hog-. F. J. Smith. 1,646,984; Oct. 25.
 Scooter, Child's. O. Wilson. 1,646,606; Oct. 25.
 Scoring cutter. C. S. Lenston. 1,646,918; Oct. 25.
 Scraper-loader apparatus. J. S. Housman. 1,646,536; Oct. 25.
 Screen. See—
 Window screen.

Screen adjuster. J. L. Carrigan. 1,646,390; Oct. 25.
 Scrubbing device and material therefor. C. Field. 1,646,396; Oct. 25.
 Seat. See—
 Automobile seat. Window seat.
 Separating two or more substances from a solution. I. Isaachsen. 1,646,454; Oct. 25.
 Separator. See—
 Diluent separator. Pine-seed separator.
 Sewage-purifying device. H. E. Elrod. 1,646,478; Oct. 25.
 Sewing-machine motor. F. F. Hillix. 1,646,962; Oct. 25.
 Sewing machines, Cord-handling mechanism for button-hole-. E. B. Allen. 1,646,946; Oct. 25.
 Sewing machines, Presser foot for. G. S. Gatchell. 1,646,961; Oct. 25.
 Shackle. L. J. Larsen. 1,646,546; Oct. 25.
 Shade, Lamp. H. C. Noe. Des. 73,709; Oct. 25.
 Shafts, Counterbalancing device for. J. L. Burns. 1,646,897; Oct. 25.
 Shank and edge trimmer. E. L. McMurtrey. 1,646,654; Oct. 25.
 Sharpener, Pencil. G. W. Brown. 1,647,078; Oct. 25.
 Shears and the like, Shearing blade for sheep. H. C. Wright and F. G. Bristow. 1,646,470; Oct. 25.
 Shears attachment, Grass-. M. S. Dearborn. 1,647,085; Oct. 25.
 Sheet-fastening machines for applying adhesive to the sheets, Apparatus for. U. Bischof. 1,646,783; Oct. 25.
 Sheet-feeding machine, Automatic suction. J. A. Carlton. 1,646,681; Oct. 25.
 Sheet-metal packing band. J. H. Schlady. 1,646,982; Oct. 25.
 Sheet-metal packs, Machine for opening. W. J. Stoop. 1,647,061; Oct. 25.
 Sheet-shearing apparatus. W. M. Blecker. 1,646,989; Oct. 25.
 Shingle. H. H. Honigbaum. 1,646,963; Oct. 25.
 Shipping box for chickens. F. W. Ruebensaal. 1,647,018; Oct. 25.
 Shock absorber and buffer. W. Barber. 1,646,518; Oct. 25.
 Shoe-lace fastener. A. M. Berger. 1,646,849; Oct. 25.
 Shoes, Making. L. E. Topham. 1,646,434; Oct. 25.
 Shovel. See—
 Steam shovel.
 Sitting device. W. Elmenthaler. 1,646,787; Oct. 25.
 Sign and its manufacture, Perforated illuminated. H. Globus. 1,647,090; Oct. 25.
 Sign, Advertising. J. Sieber. 1,646,500; Oct. 25.
 Sign holder. C. T. Marton. 1,646,414; Oct. 25.
 Sign, Road. J. P. Gommels. Des. 73,694; Oct. 25.
 Signs, Making. A. E. Vaughn. 1,646,565; Oct. 25.
 Signal. See—
 Auto traffic signal. Direction signal.
 Automobile signal. Traffic signal.
 Car signal. Vehicle signal.
 Signal. A. E. Ashleman and T. E. Haney. 1,646,675; Oct. 25.
 Signaling, Railway. R. M. Gilson. 1,646,401; Oct. 25.
 Silk from viscose, Manufacture of artificial. W. Mendel. 1,646,625; Oct. 25.
 Silk, Manufacture of artificial. E. Elsaesser and A. Hartmann. 1,646,788; Oct. 25.
 Sling, Manufacturing. W. F. Cole. 1,647,082; Oct. 25.
 Skate. S. E. Winslow. 1,646,843-4; Oct. 25.
 Smoking pipe. C. F. Rood. 1,646,876; Oct. 25.
 Snap. J. F. Carpmill and H. G. Hancock. 1,646,745; Oct. 25.
 Socket. E. L. Brenk. 1,646,609; Oct. 25.
 Socket, Electric. H. Shapiro. 1,646,499; Oct. 25.
 Socket, Lamp. H. C. White. 1,647,100; Oct. 25.
 Sole-edge burnisher. E. L. McMurtrey. 1,646,655; Oct. 25.
 Sound-detection-training device. L. H. Richmond. 1,646,874; Oct. 25.
 Spark plug. A. E. MacDonald. 1,647,099; Oct. 25.
 Speed mechanism, Variable. W. C. De Roo and J. E. Larsh. 1,647,087; Oct. 25.
 Speed-regulating system. K. Schmidt. 1,647,020; Oct. 25.
 Spindles, Bobbin-clutching means for rotatable. H. H. Burdett. 1,647,106; Oct. 25.
 Spindles, Bobbin-clutching means for rotatable. J. A. Miller. 1,647,109; Oct. 25.
 Spinning or winding machines, Builder mechanism for. J. A. Skedgell. 1,646,561; Oct. 25.
 Spinning, twisting, and like machines, Actuating device for the cops of. J. J. Keyser. 1,646,542; Oct. 25.
 Spooling process. B. A. Peterson. 1,646,833; Oct. 25.
 Spoon or analogous article. A. L. Barney. Des. 73,685; Oct. 25.
 Spraying device, Mouth-. L. L. Tuorto. 1,646,942; Oct. 25.
 Spring shackle and shock absorber, Combined. N. Skillman. 1,646,884; Oct. 25.
 Spring wheel. R. Chilton. 1,646,991; Oct. 25.
 Square, plumb, level, and measure. A. Faccl. 1,646,958; Oct. 25.
 Stand. See—
 Switch stand.
 Stand for fitting shoes. W. H. White. 1,646,717; Oct. 25.

Statuette. E. S. K. Goo. Des. 73,695; Oct. 25.
 Steam generating and discharging device. E. E. Hodshon. 1,646,912; Oct. 25.
 Steam generator, Electric. E. J. Carroll. 1,646,746; Oct. 25.
 Steam shovel. H. J. Barnhart. 1,646,781; Oct. 25.
 Steel retainer. F. M. Slater. 1,646,773; Oct. 25.
 Steering gear. L. W. Chase. 1,647,034; Oct. 25.
 Steering wheel. J. B. La Pierre. 1,646,410; Oct. 25.
 Steering wheel. J. B. La Pierre. 1,646,411; Oct. 25.
 Sterilizer, Instrument. A. Amann. 1,647,070; Oct. 25.
 Sterilizing apparatus. B. E. Taylor. 1,646,713; Oct. 25.
 Sterilizing apparatus. B. E. Taylor. 1,646,715; Oct. 25.
 Still, Cracking. A. A. Phelan. 1,646,929; Oct. 25.
 Stock guard. I. E. Cumpston and L. N. Pyzer. 1,646,476; Oct. 25.
 Stocking or similar article. S. Silverman. Des. 73,714; Oct. 25.
 Stop motion. H. Doherty, Jr. 1,646,642; Oct. 25.
 Stovepipe holder. H. T. Chinn. 1,647,081; Oct. 25.
 Strainer for sugar juices and the like. S. S. Peck. 1,646,556; Oct. 25.
 Striker-plate assembly. L. A. McDowell. 1,646,588; Oct. 25.
 Sugar cane, Apparatus for disintegrating. W. H. Morgan, sr. 1,646,761; Oct. 25.
 Sulphur, Treating. J. W. Schwab. 1,646,838; Oct. 25.
 Sunshade for automobile windows. F. B. Marshall. 1,646,821; Oct. 25.
 Supercharging device. A. F. Masury and C. Froesch. 1,646,757; Oct. 25.
 Supporting bolt, Brake-beam-. E. C. Lunsford. 1,646,587; Oct. 25.
 Supporting structure. F. A. Davidson. 1,646,725; Oct. 25.
 Suspender. S. Newman. 1,646,975; Oct. 25.
 Swing. F. H. Wheeler. 1,646,716; Oct. 25.
 Switch. See—
 Electric switch. Iron switch.
 Electrical switch. Relay switch.
 Electromagnetic switch. Thermostatic switch.
 Switch. F. E. Queneey. 1,646,764; Oct. 25.
 Switch mechanism. C. L. Hopkins. 1,646,964; Oct. 25.
 Switch stand. J. Trusch. 1,646,775; Oct. 25.
 Syringe holder. R. L. Fischer. 1,647,039; Oct. 25.
 Table. G. H. Angert. 1,647,105; Oct. 25.
 Table accessory. P. Bernard. 1,646,523; Oct. 25.
 Table and camp kit, Combined. N. G. Mackinnon. 1,646,922; Oct. 25.
 Table and seat structure, Combined. J. E. Strong. 1,646,939; Oct. 25.
 Telephone cabinet. E. M. Trammell. Des. 73,718; Oct. 25.
 Telephone dial. F. M. Geale. 1,646,996; Oct. 25.
 Telephone system, Automatic. J. E. Gardner. 1,646,399; Oct. 25.
 Telephone system, Automatic. A. B. Preuss. 1,646,387; Oct. 25.
 Telephone system, Automatic. A. J. Ray. 1,646,421; Oct. 25.
 Textile fabric. J. A. Feather. Des. 73,691-2; Oct. 25.
 Thermometer. H. Y. Norwood. 1,646,977; Oct. 25.
 Thermometer and manufacture of same, Clinical. K. Kashiwagi. 1,646,914; Oct. 25.
 Thermostatic switch. F. W. Schwinn. 1,646,882; Oct. 25.
 Thrasher, Harvester. R. B. Hitchcock. 1,646,453; Oct. 25.
 Thread parter and clamp, Shuttle-feeler. H. A. Davis. 1,647,103; Oct. 25.
 Threads, Cutting. E. Duchane. 1,647,037; Oct. 25.
 Threads from viscose, Producing. C. A. Hattinger. 1,646,538; Oct. 25.
 Throttle control, Automatic. W. J. Spiro. 1,646,937; Oct. 25.
 Tire press, Friction-drive. F. B. Yingling. 1,646,846; Oct. 25.
 Time-controlled regulating apparatus. H. Y. Norwood. 1,646,976; Oct. 25.
 Tire, Air-core. A. Valentini. 1,646,800; Oct. 25.
 Tire appliance, Pneumatic. J. P. Hayea. 1,646,693; Oct. 25.
 Tire-building machine. H. A. Denmire. 1,647,104; Oct. 25.
 Tire changer. I. A. Weaver and J. Sternaman. 1,646,511; Oct. 25.
 Tire filler. A. J. Harpstrite. 1,646,480; Oct. 25.
 Tire spreader. C. P. Price. 1,647,054; Oct. 25.
 Tires, Demountable rim for. G. B. Austin. 1,646,677; Oct. 25.
 Tool and preparing automobile bodies for finishing, Abrading. R. R. Carnowsky and J. T. Stratman. 1,646,852; Oct. 25.
 Tool, Boring and grinding. M. L. Williams. 1,646,892; Oct. 25.
 Tool, Carpenter's wrecking. G. W. Basore. 1,646,894; Oct. 25.
 Tool for applying shoe buttons. S. Greenwald and S. Caselo. 1,647,042; Oct. 25.
 Tool for use in oil wells, Fishing. J. O. Johnson. 1,646,965; Oct. 25.
 Tool holder with side clamp. O. Severson. 1,646,494; Oct. 25.
 Tool, Hydraulic vibratory drilling. J. P. Fisher. 1,646,959; Oct. 25.
 Torque-transmitting member, Flexible. A. S. Macdonald. 1,647,114; Oct. 25.

Toy. W. D. McLaughlin and D. J. Wilkens. 1,646,791; Oct. 25.
 Toy. E. Mueller. 1,646,830; Oct. 25.
 Toy greyhound, Mechanical. F. De Lemme. 1,646,814; Oct. 25.
 Track jack. C. H. Shasteen. 1,646,770; Oct. 25.
 Tractor hitch. T. G. Schmelter. 1,646,600; Oct. 25.
 Tractors, Attaching snowplows, back fillers and the like to the drawbars of. C. L. Hussey. 1,646,751; Oct. 25.
 Traffic signal. D. Morris. 1,647,012; Oct. 25.
 Train-control apparatus. T. E. Clark. 1,646,683; Oct. 25.
 Train-control system, Continuous. T. E. and J. E. Clark. 1,646,685; Oct. 25.
 Train-control system, Railway-. T. E. and J. E. Clark. 1,646,684; Oct. 25.
 Transfer mechanism. B. E. Taylor. 1,646,714; Oct. 25.
 Trap. See—
 Fish trap. Water-line trap.
 Radiator return trap.
 Tree cavities, Apparatus for excavating. J. A. and P. H. Davey and C. L. Gaugler. 1,648,512-13; Oct. 25.
 Trimmer. See—
 Shank and edge trimmer.
 Trolley retriever. J. W. Hurst. 1,646,585; Oct. 25.
 Trombone attachment. E. D. Coe. 1,647,102; Oct. 25.
 Trombone, Slide. F. A. Buescher. 1,647,079; Oct. 25.
 Truck and similar conveyance. J. E. Lavigne. 1,646,547; Oct. 25.
 Truck, Elevating. H. S. Germond, Jr. and F. L. Eldmann. 1,646,729; Oct. 25.
 Truck stabilizer, Car-. C. H. Tomlinson. 1,646,433; Oct. 25.
 Trunks, Drawer-locking mechanism for wardrobe. S. Silverman. 1,646,424; Oct. 25.
 Trunks, Locking bar for drawer-holding sections of wardrobe. H. Rauchbach. 1,646,492; Oct. 25.
 Tube. See—
 Vacuum tube.
 Tubes, Making. L. T. Frederick. 1,646,479; Oct. 25.
 Turbine, Elastic-fluid. H. T. Herr. 1,646,881; Oct. 25.
 Turbine, Vertical hydraulic. E. K. Innes. 1,646,405; Oct. 25.
 Turbine windmill. M. E. Wilson. 1,646,673; Oct. 25.
 Turn-page clamp. E. S. Costa. 1,646,747; Oct. 25.
 Typewriter word register. F. C. Ursbruck. 1,646,799; Oct. 25.
 Typewriting machine. W. A. Dobson. 1,646,952; Oct. 25.
 Typewriting machine. J. W. Engelsiepen. 1,646,394; Oct. 25.
 Typewriting machine. R. M. Jones. 1,646,407; Oct. 25.
 Typewriting machine. A. G. F. Kurowski. 1,646,966; Oct. 25.
 Typewriting machine. J. A. B. Smith. 1,646,936; Oct. 25.
 Vacuum-closing machine, Semiautomatic. R. E. J. Nordquist. 1,646,704; Oct. 25.
 Vacuum filters, Cake-washing means for rotary. W. Maus. 1,646,653; Oct. 25.
 Vacuum floor scrubbing and washing machine. W. L. Keefer. 1,647,005; Oct. 25.
 Vacuum tube. H. E. Metcalf. 1,646,626; Oct. 25.
 Valve. J. P. Richmond. 1,646,708; Oct. 25.
 Valve accelerator, Dry-pipe-. L. M. Lewis. 1,646,618; Oct. 25.
 Valve, Automatic sand. E. A. Lansrud. 1,646,753; Oct. 25.
 Valve for pipe lines, Rotary. J. Schnyder. 1,646,631; Oct. 25.
 Valve-operating mechanism, Flush. H. De Wallace. 1,647,088; Oct. 25.
 Valve parts in rubber tubes, Locating. W. J. Donovan. 1,646,953; Oct. 25.
 Valve, Rotary. E. M. Bournonville. 1,646,949; Oct. 25.
 Valve, Temperature-control. R. Maclaren. 1,646,548; Oct. 25.
 Valve, Whistle-control. R. W. Daniel. 1,646,640; Oct. 25.
 Vanity box, Loose-powder. B. P. Hyde. 1,647,004; Oct. 25.
 Vanity case and ejector therefor. W. G. Kendall. 1,647,046; Oct. 25.
 Vaporizer-temperature control. G. Wirrer. 1,646,779; Oct. 25.
 Vegetable matters of unlimited durability, Apparatus for the production of preserves of. A. Faltelowitz. 1,647,089; Oct. 25.
 Vegetable washer. V. A. Doty. 1,646,690; Oct. 25.
 Vehicle. B. Sanni. 1,646,664; Oct. 25.
 Vehicle, Amphibious. S. M. Code. 1,646,611; Oct. 25.
 Vehicle construction, Motor-. H. E. Curtis. 1,647,084; Oct. 25.
 Vehicle having brakes. L. E. La Brie. 1,647,007; Oct. 25.
 Vehicle lock, Motor-. C. E. Bauerle. 1,647,111; Oct. 25.
 Vehicle signal. H. H. Ruedebusch. 1,646,766; Oct. 25.
 Vehicle wheel. E. A. Nelson. 1,646,867; Oct. 25.
 Vehicle wheel. C. C. Wals. 1,646,508; Oct. 25.
 Vehicle wheel, Metal. W. M. Trout and C. B. Dea Jardins. 1,646,889; Oct. 25.
 Vehicle wheels, Valve-stem arrangement for. J. H. Hunt. 1,646,863; Oct. 25.
 Vehicles, Driving mechanism for track-laying. J. H. Mosel. 1,646,552; Oct. 25.

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205—	64: 1,646,866	219—	10: 1,646,974	238—	10: 1,647,097		1,646,633		1,646,584		284: 1,646,748		
206—	13: 1,646,896		19: 1,646,727	304: 1,646,512		40: 1,646,471		29: 1,646,755		340: 1,646,588			
	1: 1,646,632		30: 1,646,746	330: 1,646,780	251—	10: 1,647,036		31: 1,647,009	293—	55.5: 1,646,473			
	44: 1,646,902		33: 1,646,599	2: 1,647,001		88: 1,646,575		54: 1,646,884		1,646,518			
	46: 1,646,534		38: 1,646,845	41: 1,646,557		91: 1,646,631	268—	129: 1,646,979		1,646,776			
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	59: 1,646,593		47: 1,646,498	45: 1,646,828	252—	1: 1,646,596		31: 1,646,681	294—	102: 1,646,965			
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208—	165: 1,646,606		61: 1,647,056	81: 1,647,053		120: 1,646,405		79: 1,646,529		93: 1,646,743			
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	125: 1,646,951	221—	16: 1,646,614	46.4: 1,647,109		43: 1,646,770		81: 1,646,818		11: 1,646,679			
	158: 1,646,506		47.1: 1,646,477	46.6: 1,647,106		100: 1,646,591		85: 1,646,791	298—	9: 1,646,866			
	208: 1,646,753		47.4: 1,646,418	84.5: 1,647,101		131: 1,646,894		77: 1,646,461		30: 1,646,777			
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	467: 1,646,985		103: 1,646,567	128: 1,646,833		14: 1,646,558		142: 1,646,973		44: 1,647,019			
	494: 1,646,422		106: 1,646,567	158: 1,646,804	257—	71: 1,646,620		275—	3: 1,646,878		63: 1,646,863		
210—	2: 1,646,478		116: 1,646,898	244—	14: 1,646,507	25: 1,646,659		279—	51: 1,646,860		63: 1,646,889		
	24: 1,646,581		146: 1,646,930	246—	34: 1,646,401	1,646,650		280—	1: 1,646,790		20: 1,646,923		
	167: 1,646,513	222—	7: 1,647,083		63: 1,646,683	208: 1,647,035			33.5: 1,646,784	304—	24: 1,646,509		
	168: 1,646,514		8: 1,646,916		1,646,684	241: 1,646,786			33.44: 1,646,519		167: 1,646,416		
	169: 1,646,404	225—	18: 1,646,885		1,646,685	250—	97: 1,646,913		50: 1,646,547	308—	215: 1,646,947		
	201: 1,646,556		56: 1,646,397		162: 1,646,420	260—	57: 1,646,782		87.1: 1,647,034		228: 1,646,769		
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214—	17: 1,646,713	230—	237: 1,646,754		1,647,030	264—	21: 1,647,115		1,646,464				
	38: 1,646,759		259: 1,646,578		1,647,069	265—	27: 1,646,980	290—	40: 1,646,672				

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